

Vacuum-System Components

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AirStar DSL

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | |
|------|------------------------|-----------------------------|---|-----------------------------------|------|------|------|------|
| | 8582767 | | BLOWER PKG,BP-140, 5/7.5HP, W/O MTR,DSL, Vertical | 2767 | - | - | - | - |
| | 8582765 | | BLOWER PKG,BP-200, 7.5/10Hp, W/O MTR,DSL, Vertical | - | 2765 | - | - | - |
| | 8582766 | | BLOWER PKG,BP-400, 15/20Hp, W/O MTR,DSL, Vertical | - | - | 2766 | - | - |
| | 8586257 | | KIT,PUMP,BP500 DSL,25 HP, Horizontal (not assembled) | - | - | - | 6257 | - |
| | 8586258 | | KIT,PUMP,BP500 DSL,30 HP, Horizontal (not assembled) | - | - | - | - | 6258 |
| | | | Description with manufacturer number prior to 2020: | | | | | |
| 1 | 8582621 | | Pump Assy, Air-Star, BP140, 4H, DSL, GACHDRD 0400 | 1 | - | - | - | - |
| | 8582622 | | Pump Assy, Air-Star, BP200, 5H, DSL, GAEHDRD 0400 | - | 1 | - | - | - |
| | 8582623 | | Pump Assy, Air-Star, BP400, 5M, DSL, GAEMDRD 0400 | - | - | 1 | - | - |
| | 8582624 | | Pump Assy, Air-Star, BP500, 6M, DSL, GAFMDRD 0400 | - | - | - | 1 | 1 |
| | | | Description with manufacturer number after 2019: | | | | | |
| | 8582621 | | Pump Assy, Air-Star, BP140, 4H, DSL, GACHDSD 0235 | 1 | - | - | - | - |
| | 8582622 | | Pump Assy, Air-Star, BP200, 5H, DSL, GAEHDRD 0235 | - | 1 | - | - | - |
| | 8582623 | | Pump Assy, Air-Star, BP400, 5M, DSL, GAEMDRD 0235 | - | - | 1 | - | - |
| | 8582624 | | Pump Assy, Air-Star, BP500, 6M, DSL, GAFMDRD 0235 | - | - | - | 1 | 1 |
| 2 | 8591505 | n/s | Overhaul Kit, DSL, BP140 | 1 | - | - | - | - |
| | 8591506 | n/s | Overhaul Kit, DSL, BP200, 400 | - | 1 | 1 | - | - |
| | 8591507 | n/s | Overhaul Kit, DSL, BP500 | - | - | - | 1 | 1 |
| | 8586253 | ⊗ | n/s KIT,OVHL,4H/4M/BP140 DSL (Rpl by 8591505) | - | - | - | - | - |
| | 8586255 | ⊗ | n/s KIT,OVHL,5H/5M/BP200/BP400 DSL (Rpl by 8591506) | - | - | - | - | - |
| | | | Kit includes: 4 Bearings; 4 lip Seals; 4 Gaskets (R and S series), 1 Gear Case Oil Seal; 4 Screws; 2 0.0015 Shims. When replacing the case gaskets, be sure to match the old ones to the new ones to ensure the correct gasket is used. | | | | | |
| 3 | 8586254 ¹ | ⊗ | n/s Gasket, 4H/4M, BP 140 DSL | 2 | - | - | - | - |
| | 8586256 ¹ | ⊗ | n/s Gasket, 5H/5M, BP200/BP400 DSL | - | 2 | 2 | - | - |
| 4 | 8504117 | | SILENCER,2.50 | 1 | 1 | - | - | - |
| | 8504118 | | SILENCER,4.00 | - | - | 1 | - | - |
| | 2210478 | | SILENCER, 5" NPT, BAFFLED, 6M | - | - | - | 1 | 1 |
| 5 | 8515466 | | COUPLING ASSY,2-1/2 FLEX | 1 | 1 | - | - | - |
| | 8515467 | | COUPLING ASSY,4 FLEX | - | - | 1 | - | - |
| | 8595265 | | COUPLING ASSY,5 FLEX | - | - | - | 1 | 1 |
| 6 | 8518296 | | PULLEY,DBL-GRV,4.7 PD | 2 | - | - | - | - |
| | 4019474 | | PULLEY,DBL-GRV, 6.2 PD | - | 1 | - | - | - |
| | 8519284 | | PULLEY,DBL-GRV, 8.0 PD | - | - | 1 | - | - |
| | 8502464 | | PULLEY,TPL-GRV,8.0 PD | - | - | - | 1 | 1 |
| 7 | 8518299 | | BUSHING,TAPERED, 7/8 BORE | 1 | - | - | - | - |
| | 4019475 | | BUSHING,TAPERED,1-1/8 BORE | - | 1 | - | - | - |
| | 8519331 | | BUSHING,TAPERED,1-1/8 BORE | - | - | 1 | - | - |
| | 8518143 | | BUSHING,TAPERED,1-3/8 BORE | - | - | - | 1 | 1 |
| 8 | 8516146 ^{2 3} | | Plug, Sight, 3/8 NPT | 1 | 1 | 1 | 1 | 1 |
| 9 | 8502620 | n/s | Plug, Vent, Vac Pump, 5-20HP | 1 | 1 | 1 | - | - |
| | 8594471 | n/s | Plug, Vent, Vac Pump, 25HP | - | - | - | 1 | 1 |
| 10 | 8553787 | | OIL,VAC-PUMP, 1 GAL,AIR-STAR (US) | a/r | a/r | a/r | a/r | a/r |
| 11 | 8591502 | n/s | AirStar Luricant 5 Liters (Europe) | a/r | a/r | a/r | a/r | a/r |
| 12 | 8523848 | | Revitalobe, 4x1, Gal | a/r | a/r | a/r | a/r | a/r |
| | 8523849 | | Revitalobe, 5 Gal | a/r | a/r | a/r | a/r | a/r |
| | 8524337 | | REVITALOBE, 55 GAL | a/r | a/r | a/r | a/r | a/r |
| 13 | 4086007 | | Kit, Flush & Vac Tap | 1 | 1 | 1 | 1 | 1 |
| 14 | 8594238 | n/s | Breather, Crankcase, DSL | a/r | a/r | a/r | a/r | a/r |

1. Gasket included in overhaul Kit

2. Sight Plugs not included with Pump assemblies. Sight Plugs are included with Blow Packages.

3. When using 3/8" sight plug (item 7, 8516146) on a 25HP (8582624), a 3/8" x 1/2" reducer is required.

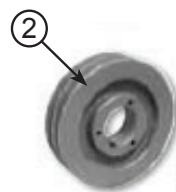
AirStar DSL (Cont.)

| | |
|-----------------------|------------------|
| SECTION A | PAGE 3 |
| EFFECTIVE: 8/21/23 | |



AirStar DSL Motor Pulley Kits

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOW | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|--------------------------------|----------|----------------------------|--------------------------------|-----------------------------------|
| DSL Motor Pulley Kits W/O VSVP | | | | |
| | 8518111 | | KIT,PULLEY,BP-140, 7.5 HP | 8111 |
| | 8502367 | | KIT, PULLEY, BP-200, 7.5HP | 2367 |
| | 8519334 | | KIT,PULLEY,BP-400,20 HP | 9334 |
| DSL Motor Pulley Kits W/ VSVP | | | | |
| | 8502404 | | KIT,PULLEY,VSVP,BP-140,7.5-10 | 2404 |
| | 8502405 | | KIT,PULLEY,VSVP,BP-200,10-15HP | 2405 |
| | 8502406 | | KIT,PULLEY,VSVP,BP-400,15-20HP | 2406 |
| | 8502407 | | KIT,PULLEY,VSVP,BP-500,25HP | 2407 |
| | 8597827 | | KIT,PULLEY,VSVP,BP-500,30HP | 7827 |
| 1 | 8513636 | | BELT,V,1 MATCHED PAIR,A-54 | - - - 1 - - - - - |
| | 8518105 | | BELT,V,1 MATCHED PAIR,A-58 | 1 - - - - - - - - - |
| | 8502369 | | BELT,V,1 MATCHED PAIR,A-67 | - 1 - - - - - - - - - |
| | 8553463 | | BELT,V,1 MATCHED PAIR,B-68 | - - - - - 1 - - 1 2 |
| | 8519327 | | BELT,V,1 MATCHED PAIR,B-73 | - - - - - - - 1 - - |
| | 8519328 | | BELT,V,1 MATCHED PAIR,B-76 | - - - 1 - - - - - - |
| 2 | 8502368 | | PULLEY,DBL-GRV, 5.0 PD | - 1 - - - - - - - - - |
| | 8513647 | | PULLEY,DBL-GRV, 6.0 PD | - - - - 1 - - - - - |
| | 8504136 | | PULLEY,DBL-GRV, 7.0 PD | - - - - - - 1 - - - - |
| | 8518106 | | PULLEY,DBL-GRV, 8.0 PD | 1 - - - - - - - - 1 - |
| | 8519330 | | PULLEY,DBL-GRV, 9.4 PD | - - - - - - - - 1 - - |
| | 8519818 | | PULLEY,DBL-GRV,11.0 PD | - - - - 1 - - - - - - |
| | 8502464 | | PULLEY,TPL-GRV,8.0 PD | - - - - - - - - - - 1 |
| 3 | 8515957 | | BUSHING,1.38,SPLIT TAPER | 1 - - - 1 - - - - - |
| | 8519882 | | BUSHING,TAPERED,1-1/8 BORE | 1 1 - 1 - - - - - |
| | 8518143 | | BUSHING,TAPERED,1-3/8 BORE | - - - - - 1 - - - - - |
| | 8518142 | | BUSHING,TAPERED,1-5/8 BORE | - - - 1 - - 1 1 - - - |
| | 8502465 | | BUSHING,TAPERED,1-7/8 BORE | - - - - - - - - - 1 - |
| | 8597828 | | BUSHING,TAPERED,2-1/8 BORE | - - - - - - - - - - 1 |



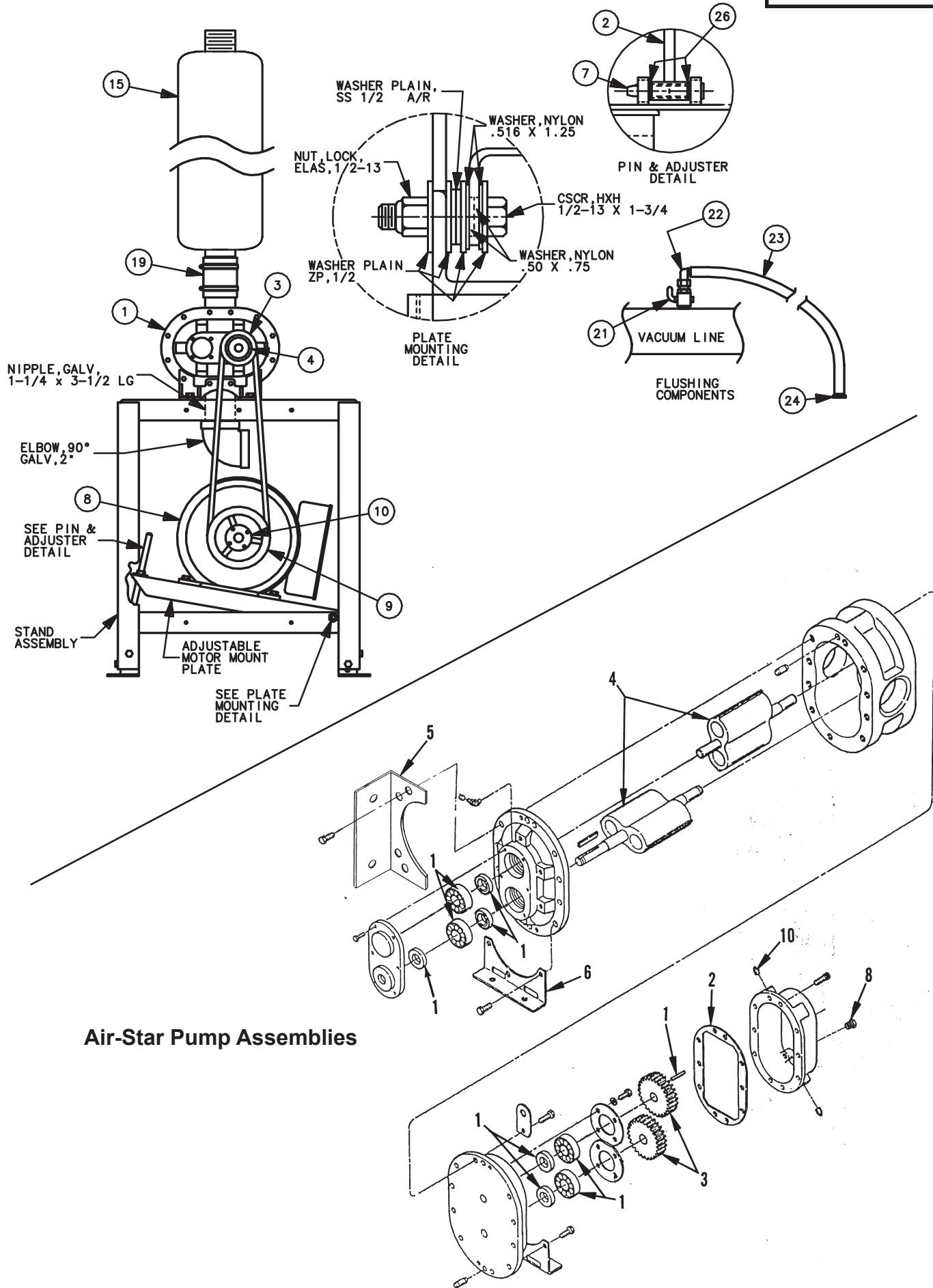
Air-Star Vacuum Pumps BP-100, 140, 200, 400, 500

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | | | |
|---------|----------|-----------------------------|--|--|-----|-----|-----|-----|------|-----|---|
| 8518117 | ⊗ | | Blower Pkg, BP-100, w/Motor | 117 | | | | | | | |
| 8518125 | ⊗ | | Blower Pkg, BP-100, w/o Motor | | 125 | | | | | | |
| 8518119 | ⊗ | | Blower Pkg, BP-140, w/Motor | | | 119 | | | | | |
| 8518118 | ⊗ | | Blower Pkg, BP-140, w/o Motor | | | | 118 | | | | |
| 8518120 | ⊗ | | Blower Pkg, BP-200, w/o Motor | | | | | 120 | | | |
| 8518121 | ⊗ | | Blower Pkg, BP-200, w/o Motor | | | | | | 121 | | |
| 8518124 | ⊗ | | Blower Pkg, BP-500 | | | | | | | 124 | |
| 1 | 8517750 | ⊗ | Pump Assy,Air-Star,5 Hp | 1 | 1 | - | - | - | - | - | |
| | 8517751 | ⊗ | Pump Assy,Air-Star,7.5 Hp | - | - | 1 | 1 | - | - | - | |
| | 8517752 | ⊗ | Pump Assy,Air-Star,10 Hp | - | - | - | - | 1 | - | - | |
| | 8517753 | ⊗ | Pump Assy,Air-Star,15-20 Hp | - | - | - | - | - | 1 | - | |
| | 8517754 | ⊗ | Pump Assy,Air-Star,25 Hp (parts on page A64) | - | - | - | - | - | - | 1 | |
| 2 | 8509927 | | Adjuster, Belt Tension | 2 | 2 | 2 | 2 | 2 | 2 | - | |
| 3 | 8518112 | ⊗ | Pulley, Dbl-Grv, 3.2 PD | 1 | 1 | - | - | - | - | - | |
| | 8518296 | | Pulley, Dbl-Grv, 4.7 PD | - | - | 1 | 1 | - | - | - | |
| | 4019474 | | Pulley, Dbl-Grv, 6.2 PD | - | - | - | - | 1 | - | - | |
| | 8519284 | | Pulley, Dbl-Grv, 8.0 PD | - | - | - | - | - | 1 | - | |
| 4 | 8518595 | ⊗ | Bushing, Tapered, 3/4 Bore | 1 | 1 | - | - | - | - | - | |
| | 8518299 | | Bushing, Tapered, 7/8 Bore | - | - | 1 | 1 | - | - | - | |
| | 4019475 | | Bushing, Tapered, 1-1/8 Bore | - | - | - | - | 1 | - | - | |
| | 8519331 | | Bushing, Tapered, 1-1/8 Bore | - | - | - | - | - | 1 | - | |
| 5 | 8519319 | ⊗ | n/s | Guard, Belt, Outer | 1 | 1 | 1 | 1 | - | - | - |
| | 8581543 | | n/s | Guard, Belt, Outer, Lrg | - | - | - | - | 1 | 1 | - |
| 6 | 8518114 | ⊗ | n/s | Guard, Belt, Inner (Replaced by 8582537) | 1 | 1 | 1 | 1 | - | - | - |
| | 8582537 | ⊗ | n/s | Guard, Belt, Inner | 1 | 1 | 1 | 1 | - | - | - |
| | 8582314 | ⊗ | n/s | Guard, Belt, Inner, BP-200/400 | - | - | - | - | 1 | 1 | - |
| 7 | 8518298 | | Pin, Clevis, .50 x 3.00, Self Lock | 2 | 2 | 2 | 2 | 2 | 2 | - | |
| 8 | 141845 | | Motor, 5Hp/1Ph 208-230V 1800RP | 1 | - | - | - | - | - | - | |
| | 8505733 | ⊗ | Motor, 5Hp, 1Ph, 230V, 60Hz | 1 | - | - | - | - | - | - | |
| | 8505730 | | Motor, 7.5Hp, 1Ph, 230V, 60Hz | - | - | 1 | - | - | - | - | |
| 9 | 8513647 | | Pulley, Dbl-Grv, 6.00 PD | 1 | - | - | - | - | - | - | |
| | 8518106 | | Pulley, Dbl-Grv, 8.00 PD | - | - | 1 | - | - | - | - | |
| 10 | 8519882 | | Bushing, Tapered, 1-1/8 Bore | 1 | - | 1 | - | - | - | - | |
| 11 | 8518109 | | Belt, V, Matched, A-49 | 2 | - | - | - | - | - | - | |
| | 8518105 | | Belt, V, Matched, A-58 | - | - | 2 | - | - | - | - | |
| | 8553463 | | Belt, V, Matched, B-68 | - | - | - | - | 2 | - | - | |
| | 8519327 | | Belt, V, Matched, B-73 (15Hp) | - | - | - | - | - | 2 | - | |
| | 8519328 | | Belt, V, Matched, B-76 (20Hp) | - | - | - | - | - | or 2 | - | |
| 12 | 8506169 | (n/s) | Label, Bou-Matic, 3.0 x 10.00 | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| 13 | 8518046 | (n/s) | Label, Warning, Belt Guard | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| 14 | 9ES-638 | | Installation Instructions | ref | ref | ref | ref | ref | ref | ref | |
| 15 | 8504117 | | Silencer, 2.50 | 1 | 1 | 1 | 1 | 1 | - | - | |
| | 8504118 | | Silencer, 4.00 | - | - | - | - | - | 1 | - | |
| | 8504119 | ⊗ | Silencer, 5.00 | - | - | - | - | - | - | 1 | |
| 16 | 8553787 | (n/s) | Oil, Vac-Pump, 1 Gal, Air-Star | a/r | a/r | a/r | a/r | a/r | a/r | a/r | |
| 17 | 8507413 | (n/s) | Grease, Bearing, Hi-Temp, Cart | a/r | a/r | a/r | a/r | a/r | a/r | a/r | |
| 18 | 8516260 | 1 | Wshr, Nylon, .50 x .75 x .09 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 19 | 8515466 | | Coupling Assy, 2.5 Flex | 1 | 1 | 1 | 1 | 1 | - | - | |
| | 8515467 | | Coupling Assy, 4 Flex | - | - | - | - | - | 1 | - | |
| | 8595265 | | Coupling Assy, 5 Flex | - | - | - | - | - | - | 1 | |
| 20 | 8502627 | ⊗ | (n/s) | Filter, EMI, 3 Phase, Vacuum | a/r | a/r | a/r | a/r | a/r | a/r | |
| 21 | 8516147 | | Valve, Air, Shutoff, 1/4 NPT | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| 22 | 8514258 | | Elbow, 90, Nyl, 1/4 NPT x .19 Hose | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| 23 | 8505028 | | Hose, Vinyl, .19 x 72.00 | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| 24 | 4020479 | | Plug, Int, Plstc, 0.19 | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| 25 | 8502404 | (n/s) | Kit, Pulley, VSVP, BP-140, 7.5-10 | - | - | 1 | 1 | - | - | - | |
| | 8502405 | (n/s) | Kit, Pulley, VSVP, BP-200, 10-15HP | - | - | - | - | 1 | - | - | |
| | 8502406 | (n/s) | Kit, Pulley, VSVP, BP-400, 15-20HP | - | - | - | - | 1 | - | - | |
| | 8502407 | (n/s) | Kit, Pulley, VSVP, BP-500, 25HP | - | - | - | - | - | - | 1 | |
| | 8597827 | (n/s) | Kit, Pulley, VSVP, BP-500, 30HP | | | | | | | | |
| | | | (Kits for use with variable speed vacuum pump controller.) | | | | | | | | |
| 26 | 8509929 | | Bushing, Acetal, FLG, .50 ID | 4 | 4 | 4 | 4 | 4 | 4 | - | |
| 27 | 8510161 | (n/s) | Kit, Motor Plate Isolation | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| | | | (Includes items 2 & 6 plus nylon pivot washers) | | | | | | | | |
| 28 | 4041873 | (n/s) | Coupling, RBR, 6" X 5", Flex | - | - | - | - | - | - | 2 | |

Note: 1. Washer added to newer version pump assemblies along with 1/2" stainless steel washers (spacers) to reduce vibration.

Air-Star Vacuum Pumps BP-100, 140, 200, 400, 500 (Cont.)

| | |
|-----------------------|------------------|
| SECTION A | PAGE 5 |
| EFFECTIVE: 5/13/16 | |



Air-Star Pump Assemblies (Cont.)

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|------------------------|-----------------------------|---|---|
| | 8517750 | ⊗ | Pump Assy,Air-Star,5 Hp | 7750 |
| | 8517751 | ⊗ | Pump Assy,Air-Star,7.5 Hp | 7751 |
| | 8517752 | ⊗ | Pump Assy,Air-Star,10 Hp | 7752 |
| | 8517753 | ⊗ | Pump Assy,Air-Star,15-20 Hp | 7753 |
| | 8517754 | ⊗ | Pump Assy,Air-Star,25 Hp | 7754 |
| | 8518295 | ⊗ | Pump,5-7.5 Hp, BP-140, 4H RBY 8588621 | 8295 |
| | 2210220 | ⊗ | Pump, 7.5 - 10 Hp RBY 8588622 | 0220 |
| | 8518597 | ⊗ | Pump 7.5 - 10 Hp, BP-200, 5H RBY 8582622 | 8597 |
| | 8519099 | ⊗ | Pump, 15 - 20 Hp, BP-400, 5M RBY 8588623 | 9099 |
| | 8518122 | ⊗ | Pump, 25 - 30 Hp, BP-500, 6M RBY 8588624 | 8122 |
| 1 | 8515438 | ⊗ | Kit, Overhaul, BP-100 | 1 - - - - - - - - - - - - |
| | 8515439 | | Kit, Overhaul, BP-140 | - 1 - - - - 1 1 - - - - |
| | 8515440 | | Kit, Overhaul, BP-200 & BP-400 | - - 1 1 - - - - 1 1 - |
| | 8515441 | | Kit, Overhaul, BP-500 | - - - - 1 - - - - - - 1 |
| | | | All include the following: 4 Bearings; 4 Lip Seals; 1 Gasket; Gear Case (Item 2); 2 Taper Pins; 1 Drive Seal; 2 Shim .0015/.0020; 2 Shim .003 | |
| 2 | 8518896 | ⊗ | Gasket, BP-100, 5 Hp | 1 - - - - - - - - - - - - |
| | 8518897 | | Gasket, BP-140, 7.5 Hp | - 1 - - - - 1 1 - - - - |
| | 8518898 | ⊗ | Gasket, BP-200/400, 10,15, 20 Hp | - - 1 1 1 - - - 1 1 - |
| 3 | 8515442 | ⊗ | Kit, Gear Set, BP-100 | 1 - - - - - - - - - - - - |
| | 8515443 | | Kit, Gear Set, BP-140 | - 1 - - - - 1 1 - - - - |
| | 8515444 | | Kit, Gear Set, BP-200 & BP-400 | - - 1 1 - - - - 1 1 - |
| | 8515445 | ⊗ | Kit, Gear Set, BP-500 | - - - - 1 - - - - - - - |
| | | | (All consist of 1 set of Timing Gears) | |
| 4 | 8515446 | ⊗ | Kit,Impellers,Set of 2, BP-100 | 1 - - - - - - - - - - - - |
| | 8515447 | ⊗ | Kit,Impellers,Set of 2, BP-140 | - 1 - - - - - - - - - - - |
| | 8515448 | ⊗ | Kit,Impellers,Set of 2, BP-200 | - - 1 - - - - - - - - - |
| | 8515449 | ⊗ | Kit,Impellers,Set of 2, BP-400 | - - - 1 - - - - - - - - |
| | 8515450 | ⊗ | Kit,Impellers,Set of 2, BP-500 | - - - - 1 - - - - - - - |
| | | | All include the following: 1 Assembly Shaft; long; 1 Assembly Shaft, short | |
| 5 | 8515778 | ⊗ | Foot, Horiz, BP-100, Set of 2 | 1 - - - - - - - - - - - - |
| | 8515779 | ⊗ | Foot, Horiz, BP-140, Set of 2 | - 1 - - - - - - - - - - - |
| | 8515780 | ⊗ | Foot, Horiz, BP-200 & 400, Set of 2 | - - 1 1 - - - - - - - - |
| | 8515781 | ⊗ | Foot, Horiz, BP-500, Set of 2 | - - - - 1 - - - - - - - |
| 6 | 8518851 ¹ | ⊗ | Foot, Vertical, 3" Pump, Set of 2 | 1 - - - - - - - - - - - - |
| | 8518852 ¹ | ⊗ | Foot, Vertical, 4" Pump, Set of 2 | - 1 - - - - - - - - - - - |
| | 8518853 ¹ | ⊗ | Foot, Vertical, 5" Pump, Set of 2 | - - 1 1 - - - - - - - - |
| | 8518854 ¹ | ⊗ | Foot, Vertical, 6" Pump, Set of 2 | - - - - 1 - - - - - - - |
| 7 | 8516845 | n/s | Label,Danger/Attention | 1 1 1 1 1 - - - - - - - |
| 8 | 8516145 ² | | Plug, Sight, 1/4 NPT | 1 - - - - - - - - - - - |
| | 8516146 ^{2,3} | | Plug, Sight, 3/8 NPT | - 1 1 1 1 - - - - - - |
| 9 | ----- | | Literature 9ES-638 (Service InstructionsI) | ref ref ref ref ref - - - - - - |
| 10 | 8502620 | | Plug, Vent, Vac pump, 5-20 HP | 1 1 1 1 - |
| | 8502621 | ⊗ | Plug, Vent, Vac pump, 25 HP | - - - - 1 - - - - - - |
| 11 | 8507413 | n/s | Grease, Bearing, HI-Temp, Cart. | a/r |

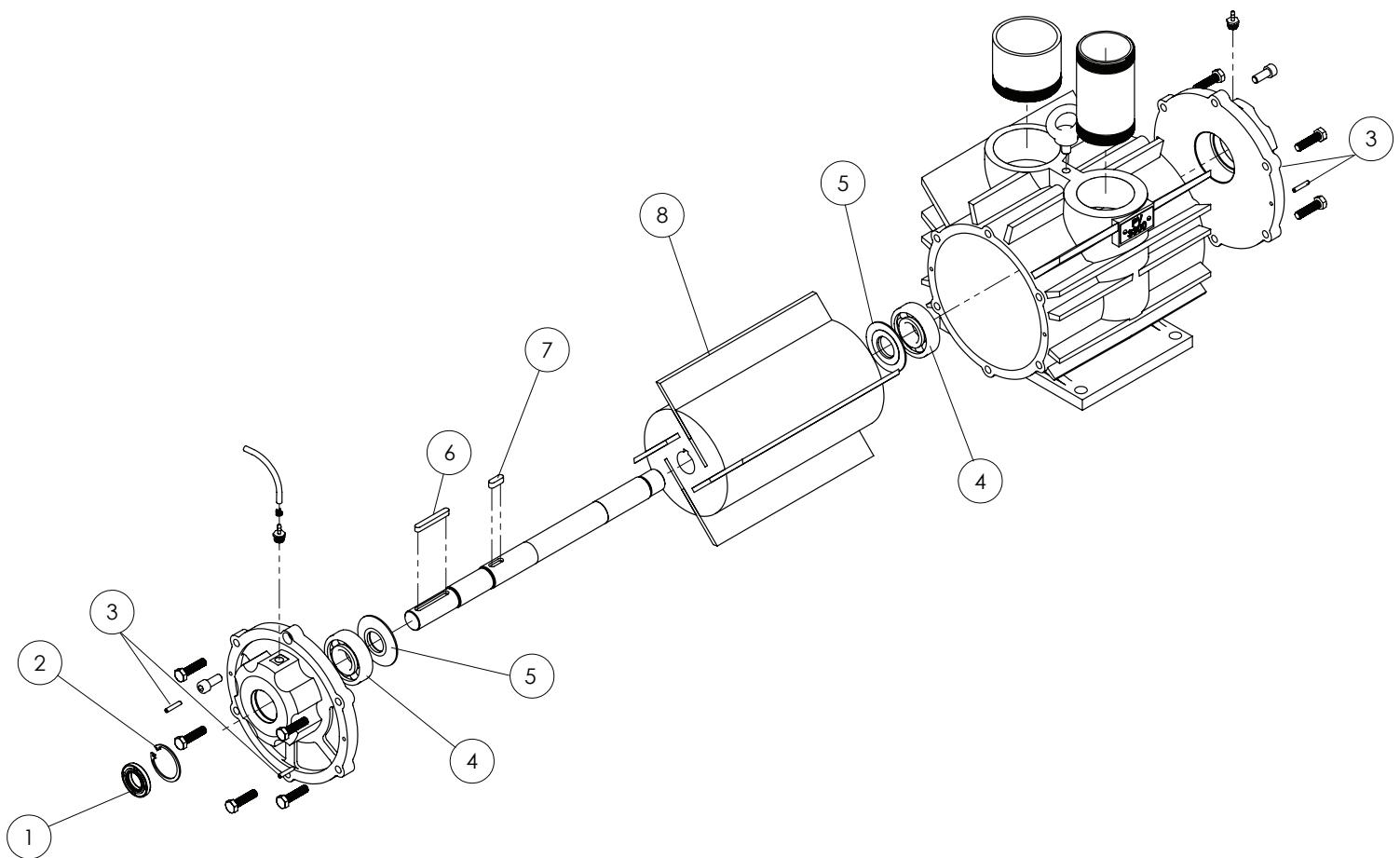
Note:

1. Item 6 represents optional foot for vertical pump mounting which is not included in Pump assemblies.
2. Sight plugs not included with pump assemblies. Sight plugs are included with blower packages on page A-62.
3. When using 3/8" sight plug (item 8, 8516146) on a 25 Hp pump assembly (8517754), a 3/8" x 1/2" reducer is also required.

BGM 5/BGM 5+ PUMPS

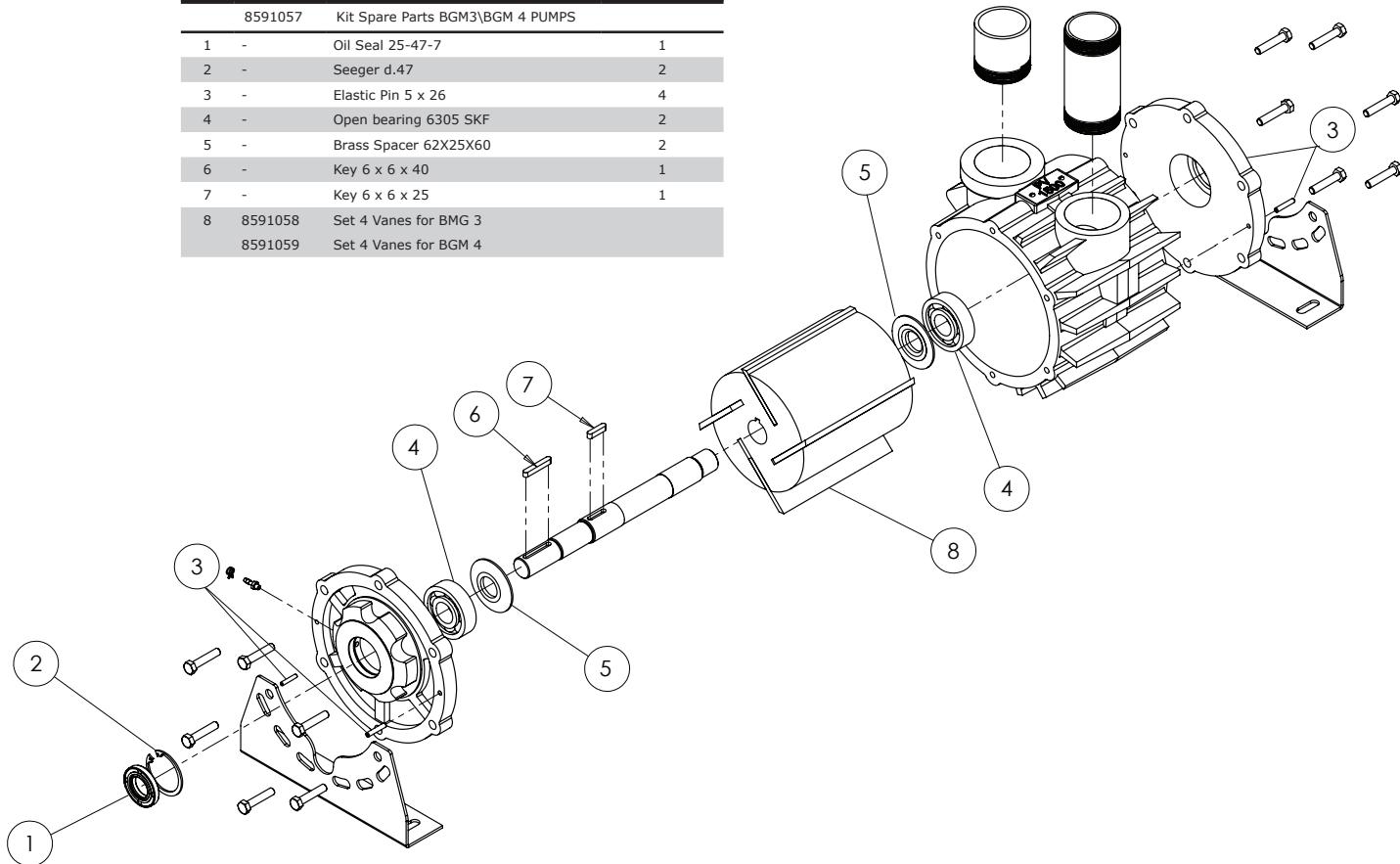
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| SECTION A | PAGE 7 |
| EFFECTIVE: 4/30/14 | |

| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|--|-------------|--------------------------|-----------------------------------|
| 8591060 Kit Spare Parts BGMS/BGM 5+ PUMPS | | | |
| 1 | | Oil Seal 25-47-7 | 1 |
| 2 | | Seeger d.47 | 2 |
| 3 | | Elastic Pin 5 x 26 | 4 |
| 4 | | Open bearing 6306 SKF | 2 |
| 5 | | Aluminum Spacer 3300 | 2 |
| 6 | | Key 8 x 7 x 60 | 1 |
| 7 | | Key 8 x 7 x 25 | 1 |
| 8 | 8591061 | Set 4 Vanes for BGM 5/5+ | |



BGM 3/BGM 4 PUMPS

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|----------------------------------|-----------------------------------|
| | 8591057 | Kit Spare Parts BGM3\BGM 4 PUMPS | |
| 1 | - | Oil Seal 25-47-7 | 1 |
| 2 | - | Seeger d.47 | 2 |
| 3 | - | Elastic Pin 5 x 26 | 4 |
| 4 | - | Open bearing 6305 SKF | 2 |
| 5 | - | Brass Spacer 62X25X60 | 2 |
| 6 | - | Key 6 x 6 x 40 | 1 |
| 7 | - | Key 6 x 6 x 25 | 1 |
| 8 | 8591058 | Set 4 Vanes for BMG 3 | |
| | 8591059 | Set 4 Vanes for BGM 4 | |

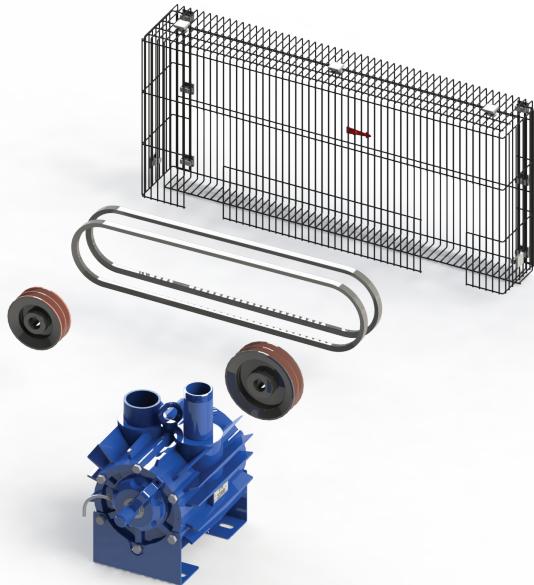


BGM 3 - BGM 4 PUMP REPLACEMENT KITS
(Replacements for kits delivered before January 2014)

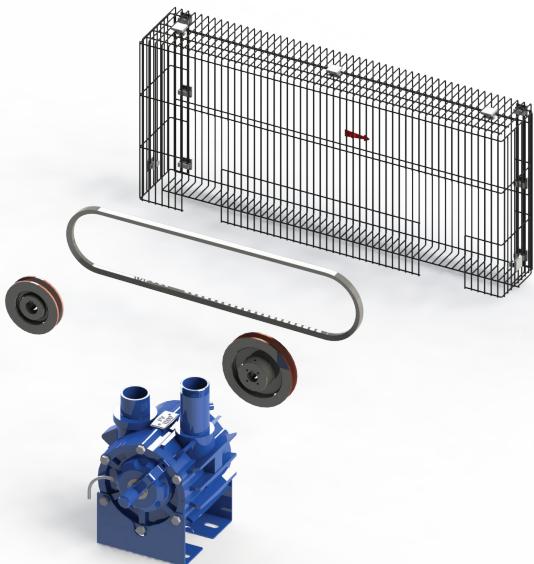
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| SECTION A | PAGE 9 |
| EFFECTIVE: 9/24/14 | |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|---|-----------------------------------|
| --- | 8591544 | KIT REPLACEMENT PUMP BGM4 | BGM 4 |
| | | Kit consisting of: 1 pump, 1 carter, 1 pulley motor, 1 pulley pump and 2 belts. | |

8591544

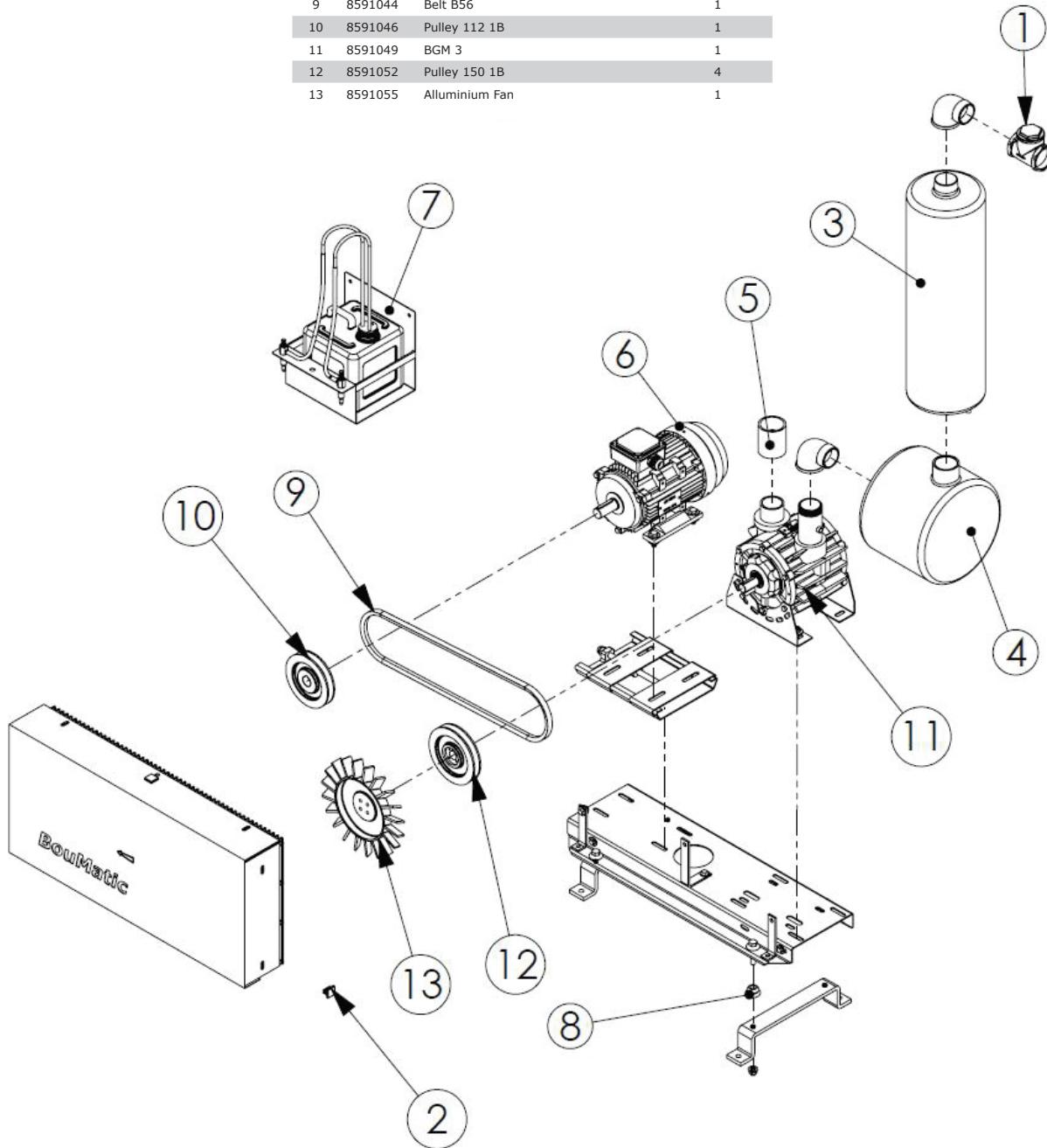


8591543



BGM 3 ASSEMBLY

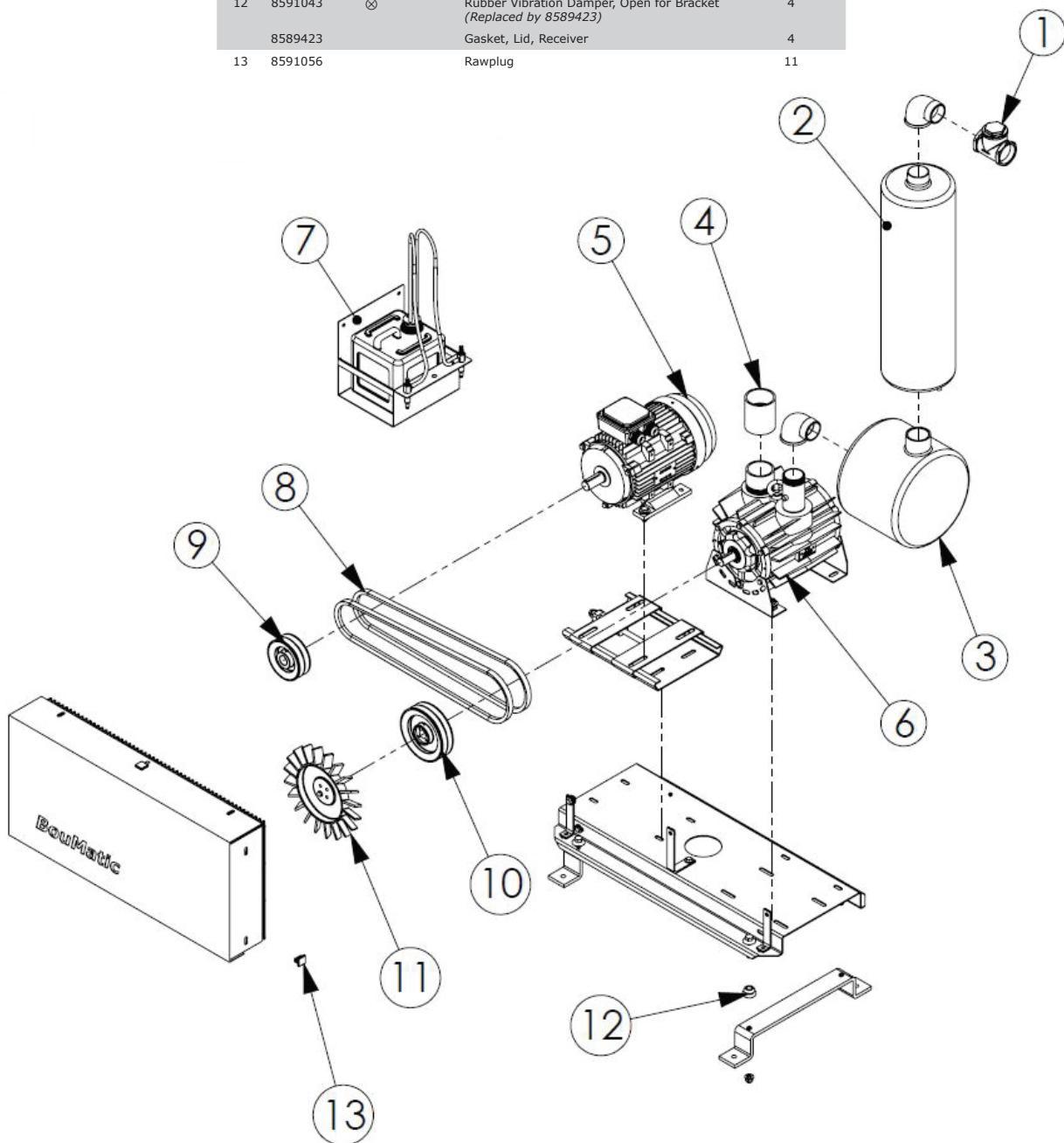
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|---|-----------------------------------|
| 1 | 8591029 | Valve Clapet 2" | 1 |
| 2 | 8591056 | Rawplug | 10 |
| 3 | 8591030 | Silencer BGM 3 | 1 |
| 4 | 8591032 | Oil separator BGM 3 | 1 |
| 5 | 8591035 | Sleeve Adp 2"x2" | 1 |
| 6 | 8591038 | Elettric Motor Kw 3, 240/400V | 1 |
| 7 | 8591042 | Drip Feed System Lt.5 with 2 drip feed lubricator | 1 |
| 8 | 8591072 | Rubber Vibration Damper Open for Bracket | 4 |
| 9 | 8591044 | Belt B56 | 1 |
| 10 | 8591046 | Pulley 112 1B | 1 |
| 11 | 8591049 | BGM 3 | 1 |
| 12 | 8591052 | Pulley 150 1B | 4 |
| 13 | 8591055 | Alluminium Fan | 1 |



BGM 4 ASSEMBLY

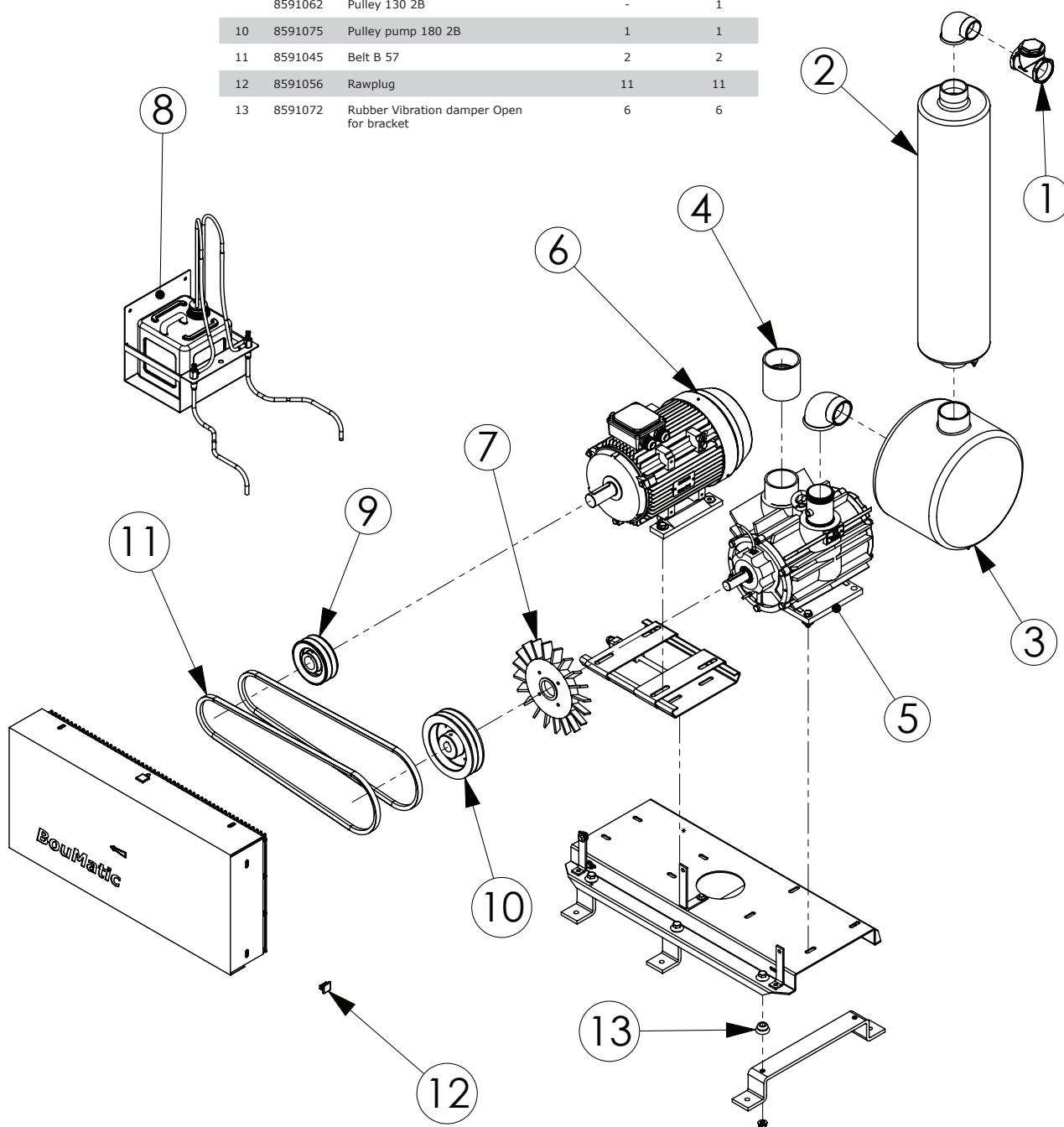
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| SECTION A | PAGE 11 |
| EFFECTIVE: 4/30/15 | |

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--|-----------------------------------|
| 1 | 8591029 | | Valve Clapet 2" | 1 |
| 2 | 8591031 | | Silencer BGM 4 | 1 |
| 3 | 8591033 | | Oil separator BGM 4 | 1 |
| 4 | 8591036 | | Sleeve Adp 2" 1/2 x 2" 1/2 | 1 |
| 5 | 8591039 | | Electric Motor KW 4, 240/400 V | 1 |
| 6 | 8591050 | | BGM 4 | 1 |
| 7 | 8591042 | | Drip Feed System Lt. 5 with 2 drip feed lubricator | 1 |
| 8 | 8591044 | | Belt B56 | 2 |
| 9 | 8591074 | | Pulley 115 2B | 1 |
| 10 | 8591053 | | Pulley 150 2B | 1 |
| 11 | 8591055 | | Aluminium fan | 1 |
| 12 | 8591043 | ⊗ | Rubber Vibration Damper, Open for Bracket (Replaced by 8589423) | 4 |
| | 8589423 | | Gasket, Lid, Receiver | 4 |
| 13 | 8591056 | | Rawplug | 11 |



BGM 5 - BGM 5+ ASSEMBLY

| ITEM NO. | PART DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|----------|--|-----------------------------------|--------|
| | | BGM 5 | BGM 5+ |
| 1 | 8591029 Valve Clapet 2" | 1 | 1 |
| 2 | 8591031 Silencer BGM 5 - BGM 5+ | 1 | 1 |
| 3 | 8591034 Oil separator 2" 1/2 d.290mm | 1 | 1 |
| 4 | 8591037 Adp sleeves 3" x 3" (90 - 90mm) | 1 | 1 |
| 5 | 8591051 BGM 5 - BGM 5+ | 1 | 1 |
| 6 | 8591040 Elettric Motor Kw 5,5 400/690 V | 1 | - |
| | 8591041 Elettric Motor Kw 7,5 400/690 V | - | 1 |
| 7 | 8591055 Aluminium Fan | 1 | 1 |
| 8 | 8591042 Drip Feed System Lt. 5 with 2 drip feed lubricator | 1 | 1 |
| 9 | 8591048 Pulley 95 2B | 1 | - |
| | 8591062 Pulley 130 2B | - | 1 |
| 10 | 8591075 Pulley pump 180 2B | 1 | 1 |
| 11 | 8591045 Belt B 57 | 2 | 2 |
| 12 | 8591056 Rawplug | 11 | 11 |
| 13 | 8591072 Rubber Vibration damper Open for bracket | 6 | 6 |



FR2, FR3, FR4 Vacuum Pumps

| | |
|----------------------|-------------------|
| SECTION A | PAGE 13 |
| EFFECTIVE: 4/1/01 | |

IMPORTANT NOTE

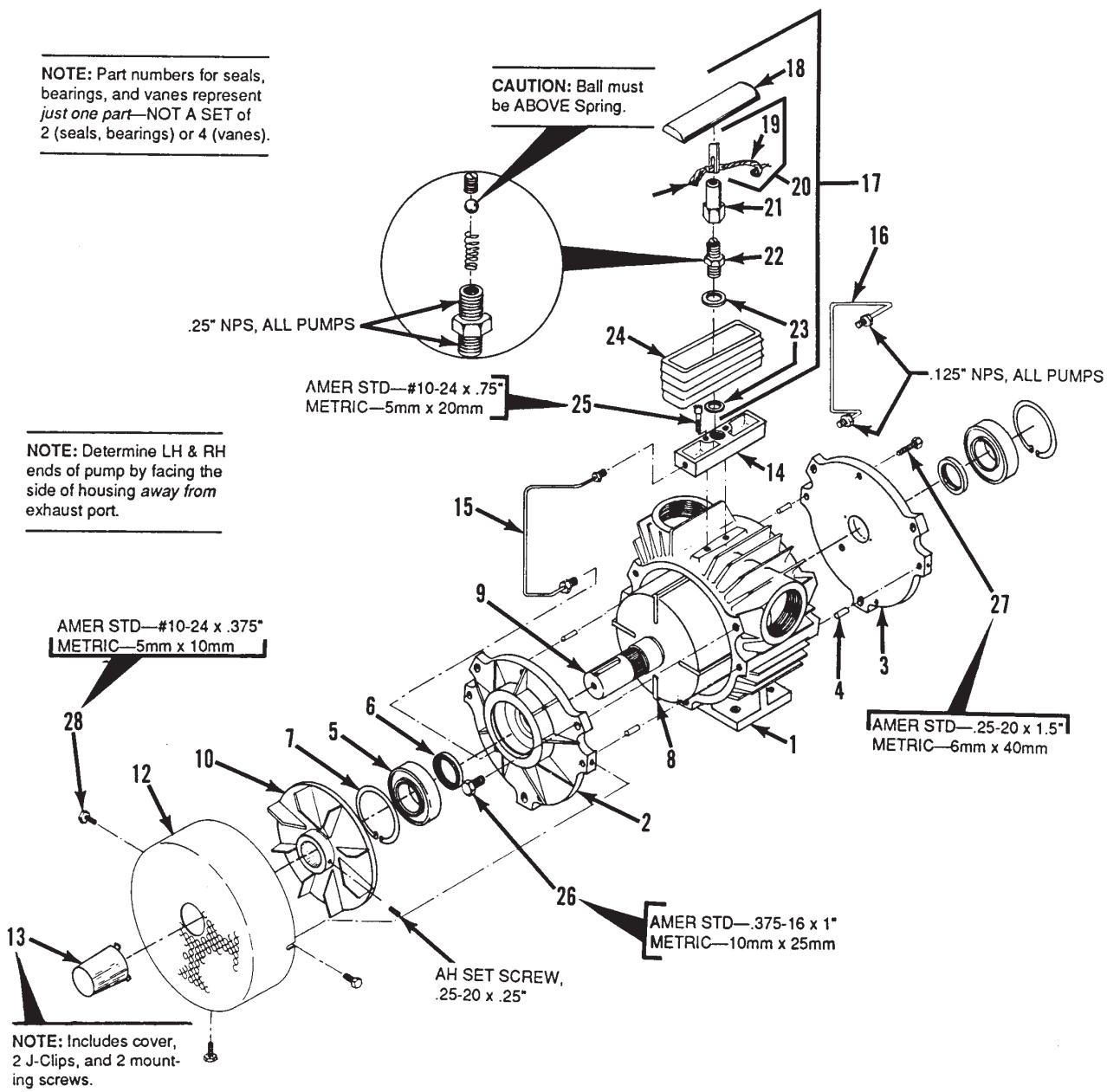
"American-standard" FR pumps require inch-sized fasteners. "Metric" pumps require fasteners for items 25 thru 28. THE AMERICAN-STANDARD & METRIC FASTENERS LISTED FOR ITEMS 25 THRU 28 ARE NOT INTERCHANGEABLE. TO DETERMINE THE TYPE OF PUMP, MEASURE THE ROTOR-SHAFT DIAMETER. American-standard pumps have 1.25" shafts; metric pumps, 28mm (.1102") shafts. (See Chart, page A-1b) Most—but not all—metric pumps have an identifying daub of red paint on the housing or end plates.

METRIC HOUSINGS, END PLATES, AND ROTORS CAN BE USED ON AMERICAN-STANDARD PUMPS BY DOING THE FOLLOWING:

HOUSING—Replace .375" end-palte screws (item 26) with 10mm screws. Replace #10-24 oiler-base screws (item 25) with 5mm screws. If necessary, enlarge screw holes in Oiler Base (item 14) with a .219" (7/32) drill bit to accommodate 5mm screws.

END PLATES—Replace .25" jackscrews (item 27) with 6mm screws. Replace #10-24 fan-cover screws (item 28) with 5mm screws.

ROTOR—Replace Fan (item 10) having a 1.125" bore with Fan having a 28mm bore.



FR2, FR3, FR4 Vacuum Pumps (Cont.)

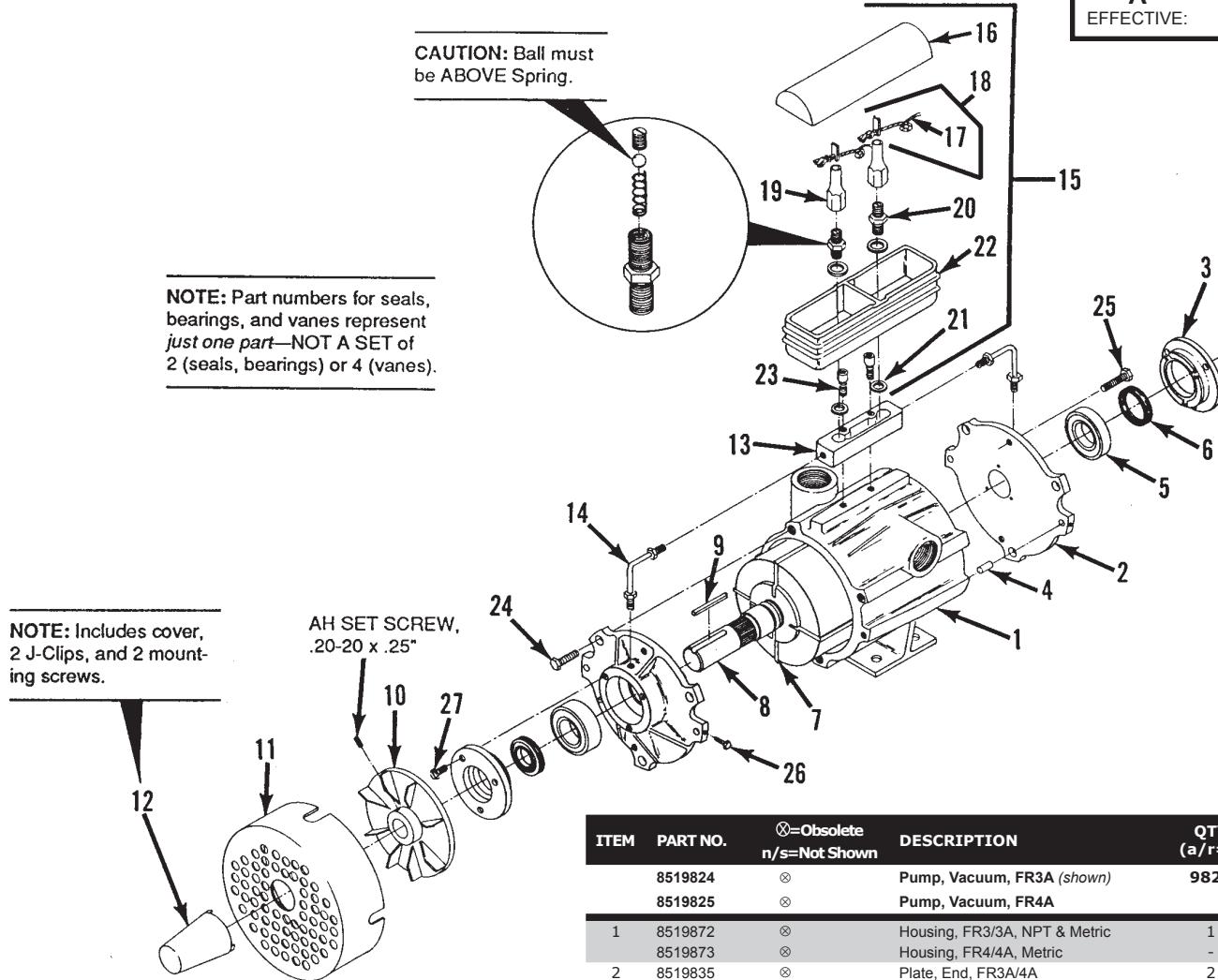
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | |
|-----------------|------------|-----------------------------|--|-----------------------------------|------|------|------|------|
| | 8519635 | ⊗ | Pump, Vacuum, FR2 (shown) | 9635 | | | | |
| | 8519625 | ⊗ | Pump, Vacuum, FR3 | | 9625 | | | |
| | 8519630 | ⊗ | Pump, Vacuum, FR4 | | | 9630 | | |
| | 8519811 | ⊗ | Pump, Vacuum, FR3, Metric | | | | 9811 | |
| | 8519812 | ⊗ | Pump, Vacuum, FR4, Metric | | | | | 9812 |
| 1 | 8519617 | ⊗ | Housing, FR2, American-Std (shown) | 1 | - | - | - | - |
| | 8519872 | ⊗ | Housing, FR3/3A, NPT & Metric | - | 1 | - | 1 | - |
| | 8519678 | ⊗ | Housing, FR4, American-Std | - | - | 1 | - | - |
| | 8519873 | ⊗ | Housing, FR4/4A, Metric | - | - | - | - | 1 |
| 2 | 8519677 | ⊗ | Plate, End, RH, FR2-4, Amer-Std | 1 | 1 | 1 | - | - |
| | 8519874 | ⊗ | Plate, End, RH, FR2-4, Metric | - | - | - | 1 | 1 |
| 3 | 8519676 | ⊗ | Plate, End, LH, FR2-4, Amer-Std | 1 | 1 | 1 | - | - |
| | 8519875 | ⊗ | Plate, End, LH, FR2-4, Metric | - | - | - | 1 | 1 |
| 4 | 1292435 | ⊗ | Pin, Dowel, 1/4 x 1 | 4 | 4 | 4 | 4 | 4 |
| 5 | 8519821 | | Bearing, Ball, FR2-4 | 2 | 2 | 2 | 2 | 2 |
| 6 | 8519629 | | Seal, Oil, FR2/3/4/3A/4A | 2 | 2 | 2 | 2 | 2 |
| 7 | 8519675 | ⊗ | Ring, Retaining, Int'l | 2 | 2 | 2 | 2 | 2 |
| 8 | 8519638 | ⊗ | Vane, FR2, 4.625" x 1.75" | 4 | - | - | - | - |
| | 8519627 | | Vane, FR3/3A, 7.125" x 1.75" | - | 4 | - | 4 | - |
| | 8519639 | | Vane, FR4/4A, 11" x 1.75" | - | - | 4 | - | 4 |
| 9 | 8519709 | ⊗ | Rotor, FR2, w/28 MM Shaft | 1 | - | - | - | - |
| | 8519708 | ⊗ | Rotor, FR3, w/1.125 Shaft | - | 1 | - | - | - |
| | 8519710 | ⊗ | Rotor, FR4, w/1.125 Shaft | - | - | 1 | - | - |
| | 8519807 | ⊗ | Rotor, FR3, w/28 MM Shaft | - | - | - | 1 | - |
| | 8519808 | ⊗ | Rotor, FR4, w/28 MM Shaft | - | - | - | - | 1 |
| 10 | 8519674 | ⊗ | Fan, Vac-Pump, 1.125" Bore | 1 | 1 | 1 | - | - |
| | 8519876 | ⊗ | Fan, Vac-Pump, 28 MM Bore | - | - | - | 1 | 1 |
| 11 ¹ | 8513685 | (n/s) | Key, ZP, 1/4Sq x 2 In | 1 | 1 | 1 | - | - |
| | 8519809 or | (n/s) | Key, ZP, 5/16 x 1/4 x 2 | - | - | - | 1 | 1 |
| | 8519803 | ⊗ | Key, 8 x 7 x 50 MM | - | - | - | 1 | 1 |
| 12 | 8519680 | ⊗ | Cover, Fan, FR2-4 | 1 | 1 | 1 | 1 | 1 |
| 13 | 8519713 | ⊗ | Cover, Shaft, FR2/3/4/3A/4A | 1 | 1 | 1 | 1 | 1 |
| 14 | 8519694 | ⊗ | Base, Oiler Assy, FR2-4 | 1 | 1 | 1 | 1 | 1 |
| 15 | 8519682 | ⊗ | Pipe Assy, Oil, RH, FR2 | 1 | - | - | - | - |
| | 8519684 | ⊗ | Pipe Assy, Oil, RH, FR3 | - | 1 | - | 1 | - |
| | 8519686 | ⊗ | Pipe Assy, Oil, RH, FR4 | - | - | 1 | - | 1 |
| 16 | 8519681 | ⊗ | Pipe Assy, Oil, LH, FR2 | 1 | - | - | - | - |
| | 8519683 | ⊗ | Pipe Assy, Oil, LH, FR3 | - | 1 | - | 1 | - |
| | 8519687 | ⊗ | Pipe Assy, Oil, LH, FR4 | - | - | 1 | - | 1 |
| 17 | 8519626 | ⊗ | Oiler Assy, F20/30/40 (shown) | 1 | 1 | - | 1 | - |
| | 8519637 | ⊗ | Oiler Assy, FR4 (Oiler includes items 18 thru 24) | - | - | 1 | - | 1 |
| 18 | 8519685 | ⊗ | Cover, Reservoir, F2/3 (shown) | 1 | 1 | - | 1 | - |
| | 8519711 | ⊗ | Cover, Reservoir, FR4/3A/4A | - | - | 1 | - | 1 |
| 19 | 8519611 | ⊗ | Wick, Oil, Vac-Pump | 1 | 1 | 1 | 1 | 1 |
| 20 | 8519757 | ⊗ | Anchor & Wick Assy, Vac-Pump | 1 | 1 | 1 | 1 | 1 |
| 21 | 8519692 | ⊗ | Support, Wick, 1.50, FR-2/3/5 | 1 | 1 | - | 1 | - |
| | 8519693 | ⊗ | Support, Wick, 1.12, FR-3/4 | - | - | 1 | - | 1 |
| 22 | 8519616 | ⊗ | Valve Assy, Check, Oiler (Includes Body, Spring, Ball, & Adjusting Screw) | 1 | 1 | 1 | 1 | 1 |
| 23 | 8519615 | ⊗ | Wshr, Fibre, .52 x .88 x .06 | 2 | 2 | 2 | 2 | 2 |
| 24 | 8519826 | ⊗ | Reservoir, Oil, F2/3 (shown) | 1 | 1 | - | 1 | - |
| | 8519712 | ⊗ | Reservoir, Oil, FR4 | - | - | 1 | - | 1 |
| 25 | ----- | | AHCS, ZP, #10-24 x .75" | 2 | 2 | 2 | - | - |
| | 8519894 | ⊗ | AHCS, ZP, 5 MM x 20 MM | - | - | - | 2 | 2 |
| 26 | ----- | | HHCS, ZP, 3/8-16 x 1" | 6 | 6 | 6 | - | - |
| | 8519895 | ⊗ | HHCS, ZP, 10 MM x 25 MM | - | - | - | 6 | 6 |
| 27 | ----- | | HHCS, ZP, 1/4-20 x 1.5" | 2 | 2 | 2 | - | - |
| | 8519896 | ⊗ | HHCS, ZP, 6 MM x 40 MM | - | - | - | 2 | 2 |
| 28 | ----- | | HHMS, ZP, #10-24 x .375" | 3 | 3 | 3 | - | - |
| | 8519897 | ⊗ | MSCR, PNH, M5 x 10 MM, ZP | - | - | - | 3 | 3 |

NOTE:

1. Key 8519803 used beginning with serial #40944 on FR3A and #23795 on FR4A

FR3A & FR4A Vacuum Pumps

| | |
|-----------------------|-------------------|
| SECTION A | PAGE 15 |
| EFFECTIVE: 1/15/21 | |



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|-----------------|----------|-----------------------------|--|-----------------------------------|
| | 8519824 | ⊗ | Pump, Vacuum, FR3A (shown) | 9824 |
| | 8519825 | ⊗ | Pump, Vacuum, FR4A | 9825 |
| 1 | 8519872 | ⊗ | Housing, FR3/4A, NPT & Metric | 1 - |
| | 8519873 | ⊗ | Housing, FR4/4A, Metric | - 1 |
| 2 | 8519835 | ⊗ | Plate, End, FR3A/4A | 2 2 |
| 3 | 8519823 | ⊗ | Plate, Retainer, FR3A/4A | 2 2 |
| 4 | 1292435 | ⊗ | Pin, Dowel, 1/4 x 1 | 4 4 |
| 5 | 8519846 | | Bearing, Ball, FR3A/4A | 2 2 |
| 6 | 8519629 | | Seal, Oil, FR2/3/4/3A/4A | 2 2 |
| 7 | 8519627 | | Vane, FR3/4A, 7.125" x 1.75" | 4 - |
| | 8519639 | | Vane, FR4/4A, 11" x 1.75 | - 4 |
| 8 | 8519828 | ⊗ | Rotor, FR3A, w/28 MM Shaft | 1 - |
| | 8519827 | ⊗ | Rotor, FR4A, w/28 MM Shaft | - 1 |
| 9 ¹ | 8519809 | ⊗ | Key, ZP, 5/16 x 1/4 x 2 | 1 1 |
| | 8519803 | ⊗ | Key, 8 x 7 x 50 MM | 1 1 |
| 10 ² | 8519876 | ⊗ | Fan, Vac-Pump, 28 MM Bore | 1 1 |
| | 8519271 | ⊗ | Fan, Vac-Pump, 28 MM Bore | 1 1 |
| 11 | 8519829 | ⊗ | Cover, Fan, FR3A/4A | 1 1 |
| 12 | 8519713 | ⊗ | Cover, Shaft, FR2/3/4/3A/4A | 1 1 |
| 13 | 8519877 | ⊗ | Base, Oiler Assy, FR3A/4A | 1 1 |
| 14 | 8519845 | ⊗ | Pipe Assy, Oil, FR3A | 2 - |
| | 8540154 | (n/s) | Kit, Repl,Oiler,DB/FR (Parts on page A-39 & A40) | - a/r |
| 15 ³ | 8519878 | ⊗ | Oiler Assy, Dbl-Check-Valve (Includes Items 16 thru 22) | 1 1 |
| 16 | 8519711 | ⊗ | Cover, Reservoir, FR4/3A/4A | 1 1 |
| 17 | 8519611 | ⊗ | Wick, Oil, Vac-Pump | 2 2 |
| 18 | 8519757 | ⊗ | Anchor & Wick Assy, Vac-Pump | 2 2 |
| 19 | 8519693 | ⊗ | Support, Wick, 1.12, FR-3/4 | 2 2 |
| 20 | 8519616 | ⊗ | Valve Assy, Check, Oiler (Includes Body, Spring, Ball, & Adjusting Screw) | 2 2 |
| 21 | 8519615 | ⊗ | Wsh, Fibre, .52 x .88 x .06 | 4 4 |
| 22 | 8519879 | ⊗ | Reservoir, Oil, Dbl-Bowl | 1 1 |
| 23 | 8519894 | ⊗ | AHCS, ZP, 5 MM x 20 MM | 2 2 |
| 24 | 8519895 | ⊗ | HHCS, ZP, 10 MM x 25 MM | 6 6 |
| 25 | 8519896 | ⊗ | HHCS, ZP, 6 MM x 40 MM | 2 2 |
| 26 | 8519898 | ⊗ | MSCR, PNH, M5 x 6 MM, ZP | 3 3 |
| 27 | 8519899 | ⊗ | HHCS, ZP, 6 MM x 16 MM | 6 6 |
| 28 | 8518013 | (n/s) | Label, Instr, Drip Rate | 1 1 |

Note:

¹ Later pumps use Key 8519803.

² Use fan 8519271 for FR3A starting with serial #50782 and FR4A starting with serial #34518.

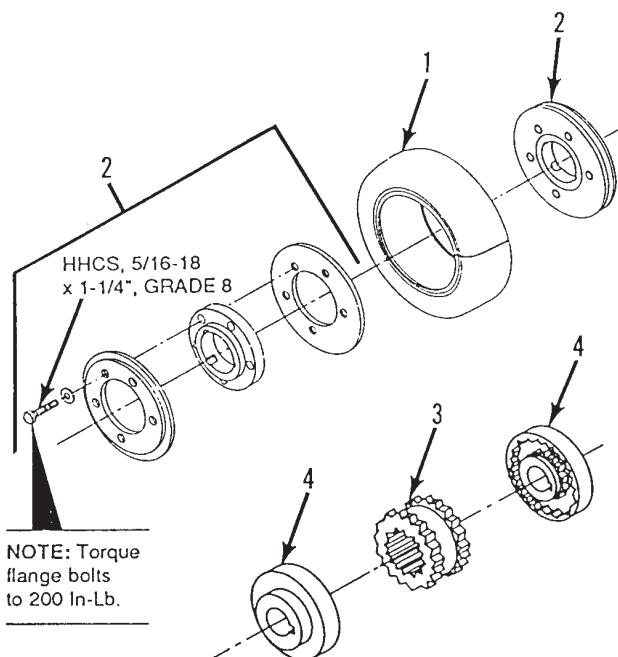
³ For pumps that have been retrofitted with Oiler 8540137 or 8540154, see pages A-39 & 40 for parts.

Vacuum Suppliers

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------------|-----------------------------|--|-----------------------------------|
| - | 8519869 | ⊗ | Supplier, FR3A, 5Hp, 1Ph | 869 |
| - | 8519870 | ⊗ | Supplier, FR4A, 7.5Hp, 1Ph | 870 |
| - | 8519868 | ⊗ | Supplier, FR4A, 7.5Hp, 3Ph | 868 |
| 1 | 8519824 | ⊗ | Pump, Vacuum, FR3A (Parts on page A18) | 1 - - |
| | 8519825 | ⊗ | Pump, Vacuum, FR4A (Parts on page A18) | - 1 1 |
| 2 | 8505733 | ⊗ | Motor, 5Hp, 1Ph, 230V, 60Hz | 1 - - |
| | 8505730 | ⊗ | Motor, 7.5Hp, 1Ph, 230V, 60Hz | - 1 1 |
| | 8505829 | ⊗ | Motor, 7.5Hp, 3Ph, 230V, 60Hz (Replaced by 1400307) | - - 1 |
| | 1400307 | | Motor, 7.5 Hp, 3Ph, 230/460V, 1750 | - - 1 |
| 3 | 8519863 | ⊗ | Label, CFM-Rating, FR3A | 1 - - |
| | 8519871 | ⊗ | Label, CFM-Rating, FR4A | - 1 1 |
| 4 | ----- | (n/s) | Coupling, Chain (Parts on page A11) | 1 1 1 |
| | ----- | | Coupling, Para-Flex (Parts on page A23) | 1 1 1 |
| | ----- | (n/s) | Coupling, Sure-Flex (Parts on page A23) | 1 1 1 |
| 5 | 8519809 | ⊗ | Key, ZP, 5/16 x 1/4 x 2 | 1 1 1 |
| 6 | 8513685 | | Key, ZP, 1/4Sq x 2 In | 1 1 1 |
| 7 | 8519854 | ⊗ | Bushing, Tapered, 1-1/8 Bore | 1 1 1 |
| 8 | 8519855 | ⊗ | Bushing, Tapered, 28 MM Bore (NOTE: Bushings include 3/8-16 set screws) | 1 1 1 |
| 9 | 8519859 | ⊗ | Guard, Coupling | 1 1 1 |
| 10 | ----- | ⊗ | Shim, 5/8 x 9-1/4 In | 2 2 2 |
| 11 | 8519865 | ⊗ | Shim, .015 x 9.000 | a/r a/r a/r |
| 12 | 8519853 | ⊗ | Bar, Nut, Pump-Base | 2 2 2 |
| 13 | 8519837 | | Mount, Vibration, Rubber | 3 3 3 |
| 14 | 8519836 | ⊗ | Bushing, Stem | 3 3 3 |
| 15 | 1132432 | | TFSCR, HXWH, 1/4-14 x 1/2 ZP AB | 4 4 4 |
| 16 | 8505872 | ⊗ | Adapter, 2.00 Hose x 2 NPT | 1 1 1 |
| 17 | 8505870 | ⊗ | Coupling, Hose, 2 In ID x 4 | 1 1 1 |
| 18 | 8514033 | | Clamp, Hose, SS, #36, 1.80-2.75 | 2 2 2 |
| 19 | 1401933 | ⊗ | Bushing, Hex, Galv, 2 x 1-1/2 | a/r a/r a/r |
| 20 | 8502920 ¹ | | Muffler, Vac-Pump, 2 In | 1 1 1 |
| 21 | 8502901 | ⊗ | Flapper Assy, Muffler | 1 1 1 |
| 22 | 8502906 | ⊗ | Flapper, Muffler | 1 1 1 |
| 23 | 8506120 | | Label, Bou-Matic, 2.25 x 6 | 1 1 1 |
| 24 | 8518046 | | Label, Warning, Belt Guard | 1 1 1 |

NOTE:

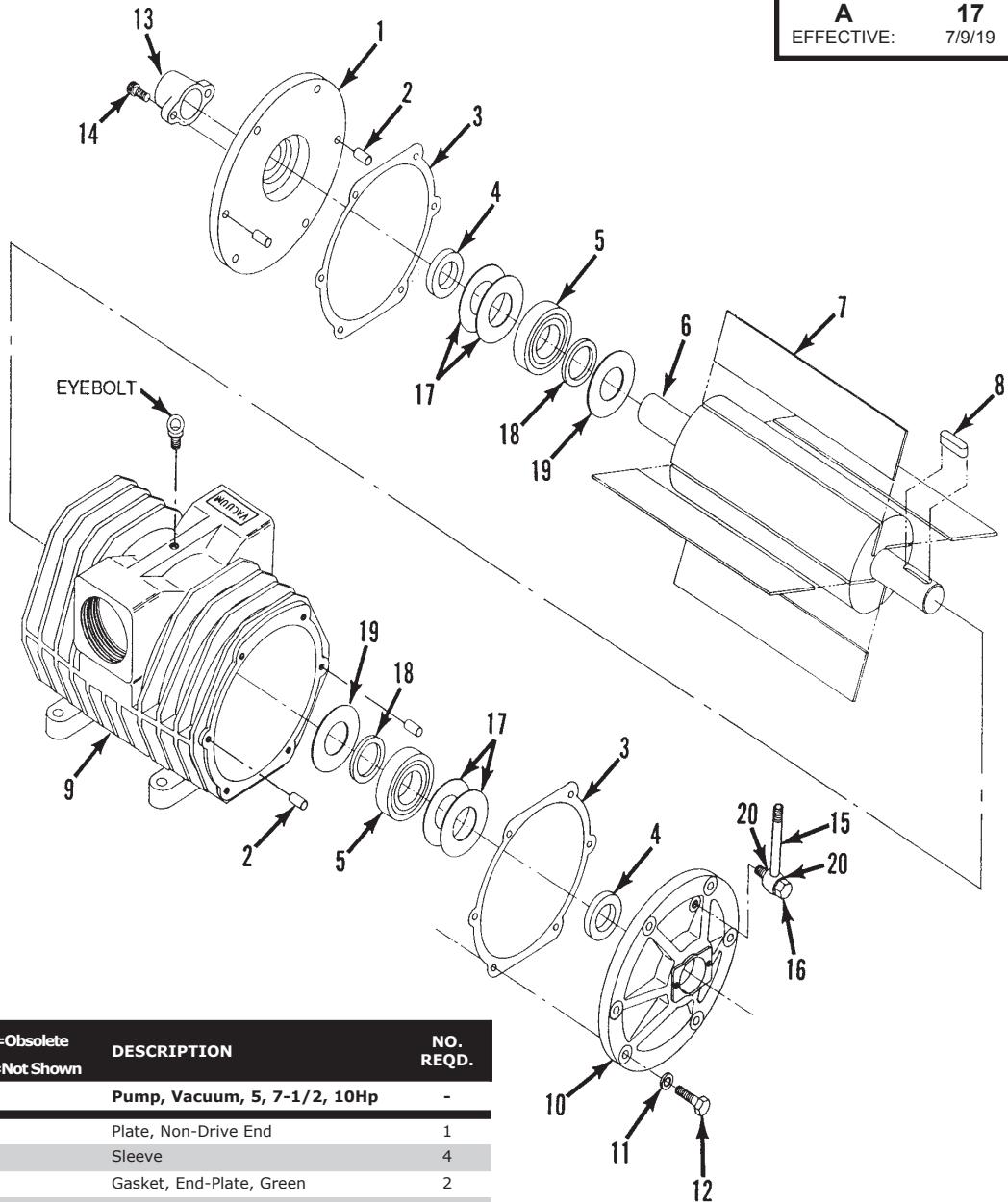
1. When replacing Muffler, Bushings may be required depending on Flapper Assembly used.



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|-------------------------------|-----------------------------------|
| - | ----- | | Coupling, Para-Flex | - |
| - | ----- | | Coupling, Sure-Flex | - |
| 1 | 8519857 | ⊗ | Element, Coupling, Rubber | 1 - |
| 2 | 8519856 | ⊗ | Flange Assy, Coupling | 2 - |
| 3 | 8519064 | | Sleeve, Sure-Flex | - 1 |
| 4 | 8519062 | ⊗ | Flange, Sure-Flex, 1.125 Bore | - 1 |
| | 8519248 | ⊗ | Flange, Sure-Flex, 28 mm Bore | - 1 |
| | 8519063 | ⊗ | Flange, Sure-Flex, 32 mm Bore | - 1 |

VP Series

| | |
|----------------------|-------------------|
| SECTION A | PAGE 17 |
| EFFECTIVE: 7/9/19 | |

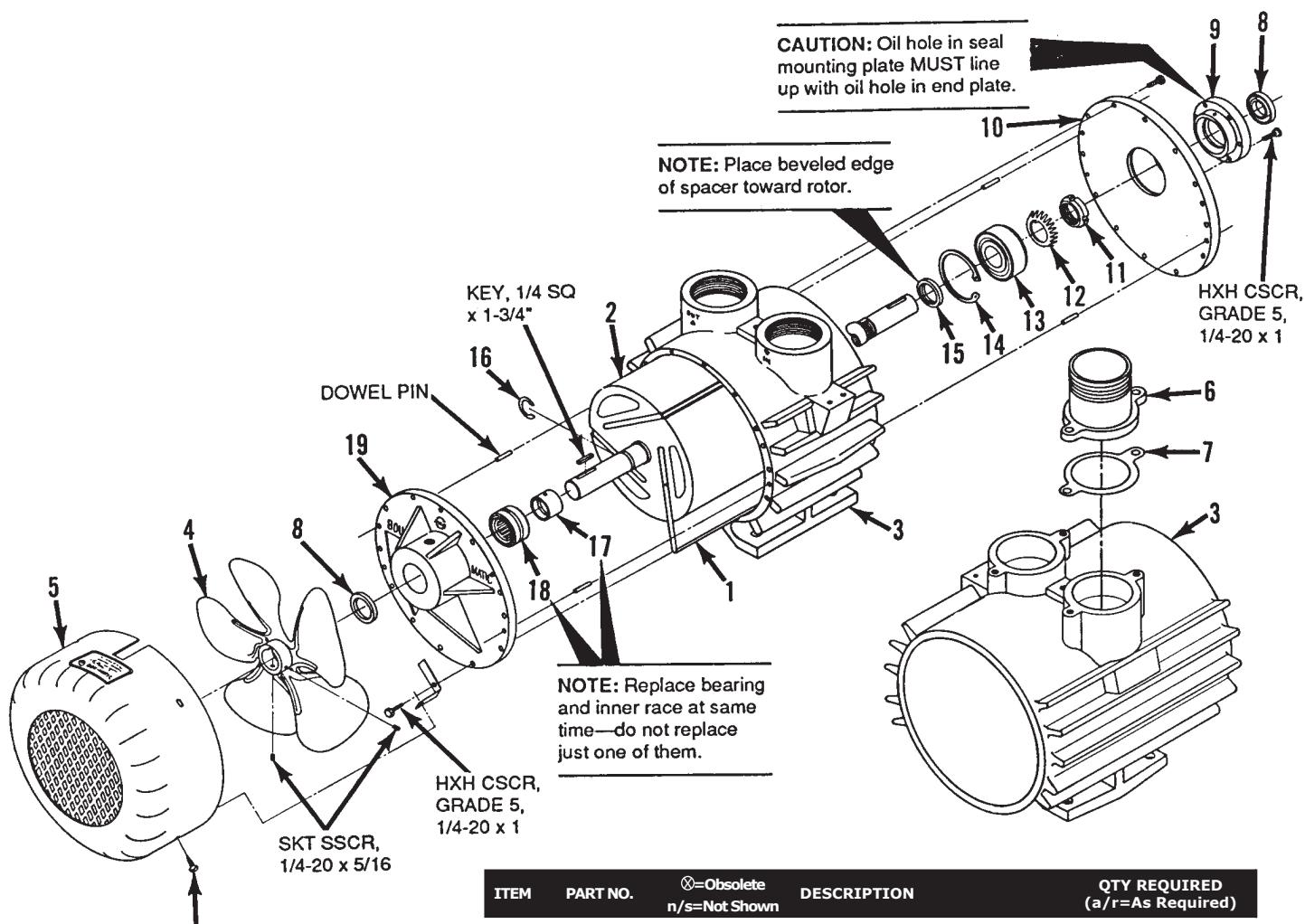


| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | NO. REQD. |
|------|----------------------|-----------------------------|-------------------------------------|--------------|
| - | 8515903 | ⊗ | Pump, Vacuum, 5, 7-1/2, 10HP | - |
| 1 | 8515934 | ⊗ | Plate, Non-Drive End | 1 |
| 2 | 8515935 | ⊗ | Sleeve | 4 |
| 3 | 8515918 | | Gasket, End-Plate, Green | 2 |
| 4 | 8515936 | | Seal, Shaft | 2 |
| 5 | 8515937 | | Bearing, Ball, VP | 2 |
| 6 | 8515938 | ⊗ | Rotor | 1 |
| 7 | 8515916 | ⊗ | Vane, Vac-Pump, VP Series | 4 |
| 8 | 8515980 | ⊗ | Key, 10 x 8 x 40 mm, ZP | 2 |
| 9 | 8515940 | ⊗ | Housing | 1 |
| 10 | 8515941 | ⊗ | Plate, Drive End | 1 |
| 11 | 8515942 | ⊗ | Wsh, Stl, 0.31 x 0.45 x .04 | 16 |
| 12 | 8515943 | ⊗ | CSCR, HXH, M6 x 30 | 12 |
| 13 | 8515944 | ⊗ | Cap, Shaft | 1 |
| 14 | 8515945 | ⊗ | CSCR, Sch, M6 x 15 | 2 |
| 15 | 8515946 ¹ | ⊗ | Nipple, Oiler | 2 |
| 16 | 8515947 | ⊗ | CSCR, HXH, M8, Hollow | 2 |
| 17 | 8515948 | | Shim, Bearing, Set of 8 | a/r |
| 18 | 8515949 | | Shim, .008 x 1.681 | 2 |
| 19 | 8515995 | | Ring, Oil Retention | 2 |
| 20 | 8515607 | | Wsh, Brs, 0.31 x 0.45 x .04 | 4 |

NOTE:

1. Item 15 is replaced by 8502375.

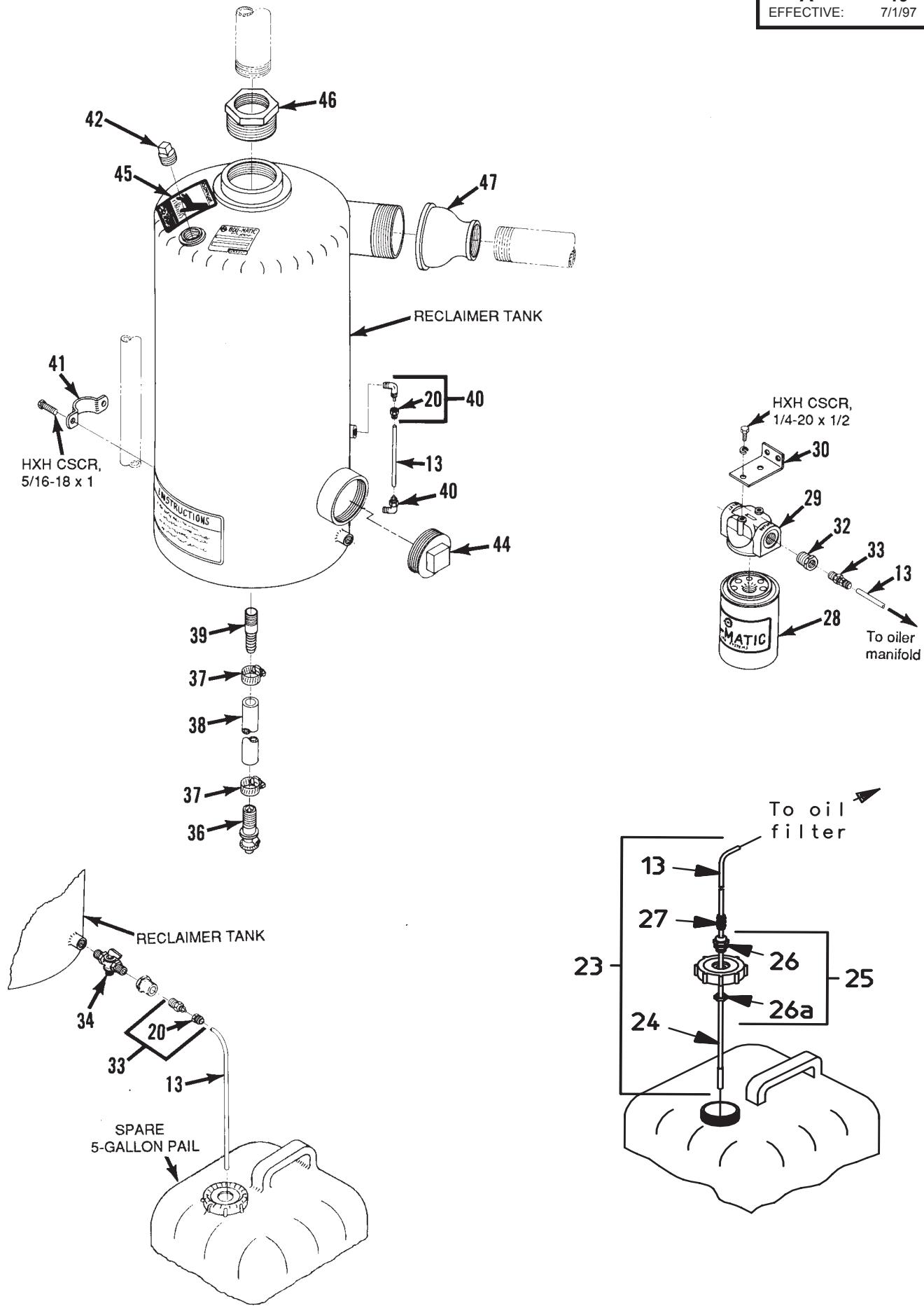
DB-2000, DB-2000 II, DB-3000 Vacuum Pump



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|--|-----------------------------------|
| | 8519900 | ⊗ | Pump, Vacuum, DB2000 | 9900 |
| | 8619358 | ⊗ | Pump, Vacuum, DB2000 II | 9358 |
| | 8519372 | ⊗ | Pump, Vacuum, DB3000 | 9372 |
| 1 | 8519396 | | Vane, Vac-Pump, DB2000 | 3 - - |
| | 8519214 | | Vane, Vac-Pump, DB2000 II | - 4 - |
| | 8519051 | ⊗ | Vane, Vac-Pump, DB3000 | - - 3 |
| 2 | 8519930 | ⊗ | Rotor, DB2000, w/1-1/4 Shaft | 1 - - |
| | 8519212 | ⊗ | Rotor, DB2000 II | - 1 - |
| | 8519054 | ⊗ | Rotor, DB3000, w/1-1/4 Shaft | - - 1 |
| 3 | 8519929 | ⊗ | Housing, Vac-Pump, DB2000 | 1 - - |
| | 8519213 | ⊗ | Housing, Vac-Pump, DB2000 II | - 1 - |
| | 8519053 | ⊗ | Housing, Vac-Pump, DB3000 | - - 1 |
| 4 | 8518093 | ⊗ | Fan, Vac-Pump, 1.250" Bore | - - 1 |
| | 8519373 | ⊗ | Blade Assy, Fan, 12 In Dia | - - 1 |
| 5 | 8519937 | ⊗ | Cover, Fan, Vac-Pump, DB2000 | 1 1 - |
| 6 | 8519216 | ⊗ | Adapter, Flanged, DB2000 II | - 2 - |
| 7 | 8519215 | | Gasket, DB2000 II | - 2 - |
| 8 | 8519943 | | Seal, Oil (CR#12456 or equivalent) | 2 2 2 |
| 9 | 8519933 | ⊗ | Plate, Mounting Seal | 1 1 1 |
| 10 | 8519931 | ⊗ | Plate, Drive End, DB2000/3000 | 1 1 1 |
| 11 | 8519947 | | Nut, Lock, Type N-07 | 1 1 1 |
| 12 | 8519946 | ⊗ | Washer, Lock, Type W-07 | 1 1 1 |
| 13 | 8519941 | | Bearing, Ball, Double-Row (SKF#5207 or FAFNIR#5207W or equivalent) | 1 1 1 |
| 14 | 8519940 | ⊗ | Ring, Retaining, Int'l | 1 1 1 |
| 15 | 8519934 | ⊗ | Ring, Spacer | 1 1 1 |
| 16 | 8519939 | ⊗ | Ring, Retaining, Ext, Cres, 1.250 | 1 1 1 |
| 17 | 8519944 | | Race, Inner, Needle-Bearing (Torrington #R-202416 or equivalent) | 1 1 1 |
| 18 | 8519942 | | Bearing, Needle (Torrington #HJ-243316 or equivalent) | 1 1 1 |
| 19 | 8519932 | ⊗ | Plate, Fan End, DB2000/3000 | 1 1 1 |

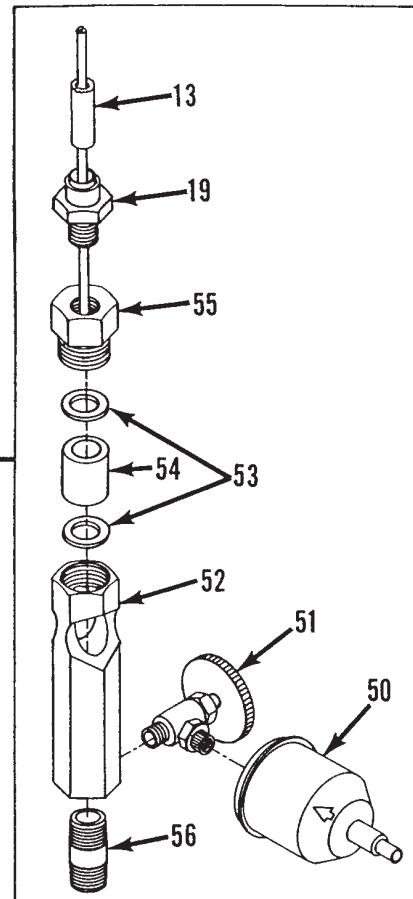
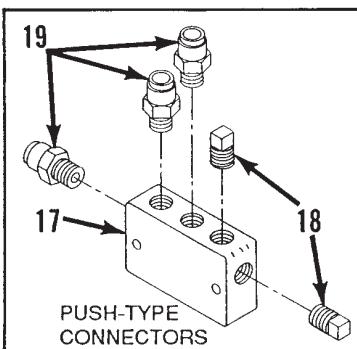
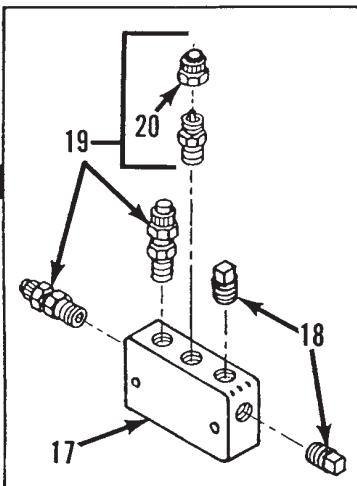
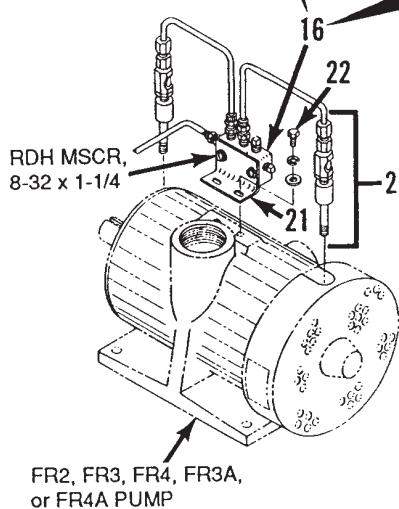
Oiler Assemblies & Oil Reclaimer

| | |
|----------------------|-------------------|
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| EFFECTIVE: 7/1/97 | |



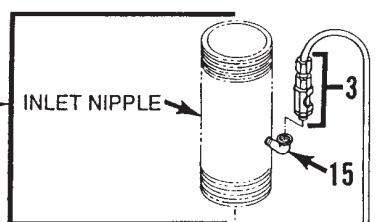
Oiler Assemblies & Oil Reclaimer (Cont.)

NOTE: Later assemblies use push-type connectors.

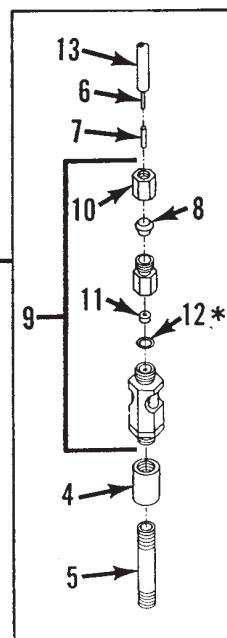
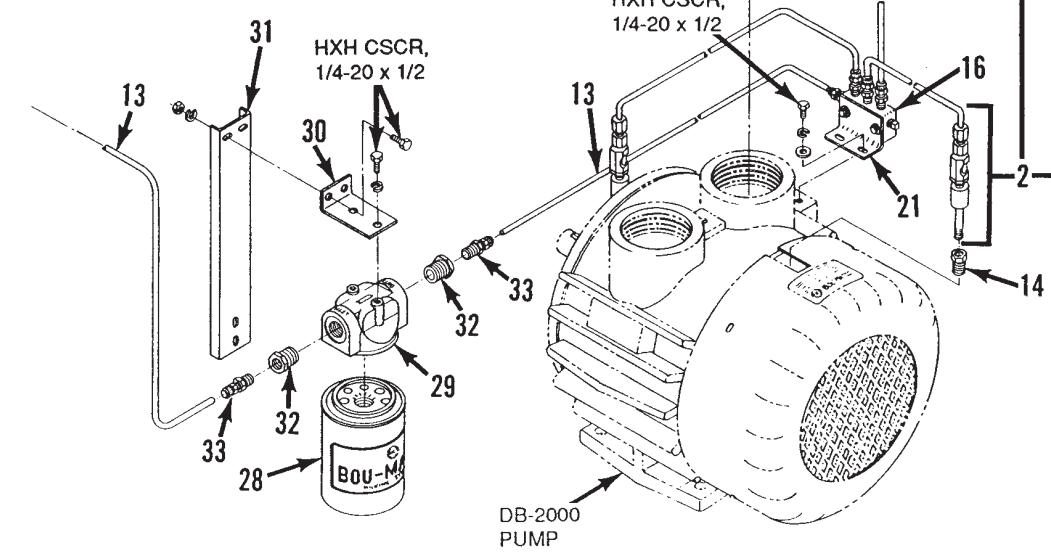


NOTE: When servicing the oiler, use Teflon tape to seal all pipe-threaded joints.

NOTE: Required only on DB-3000.



NOTE: * (Item 12) not supplied in later assemblies of this type.

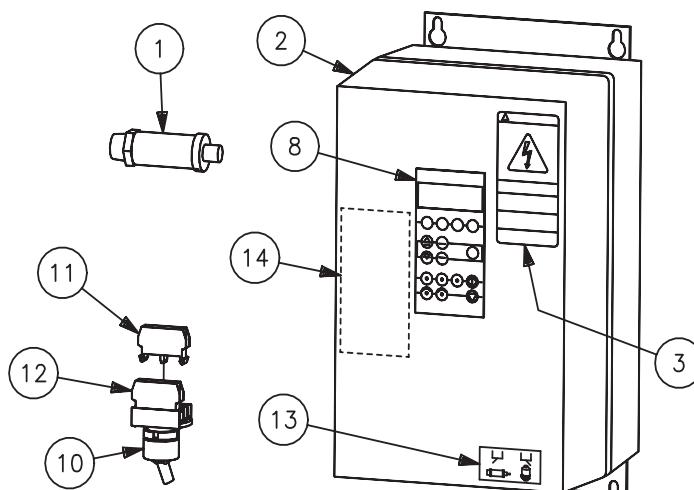


Oiler Assemblies & Oil Reclaimer (Cont.)

 SECTION **A**
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 EFFECTIVE: **6/1/02**

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------------------|-----------------------------|--|-----------------------------------|------|-----|--------|
| | | | | 0137 | 0107 | VP | DB/FR |
| | 8540137 | ⊗ | Oiler Assy, Vacuum Pump | 0137 | | | |
| | 8540107 | ⊗ | Reclaimer, Oil | | 0107 | | |
| | ----- | | VP Series Vacuum Suppliers | | | VP | |
| | ----- | | DB/FR Series Vacuum Suppliers | | | | DB/FR |
| | ----- | | VP-330 Vacuum Supplier | | | | VP-330 |
| 1 | ----- | | Literature 9P-385 (Installation & Service Instructions) | ref | ref | - | - |
| 2 | 8540148 | ⊗ | Valve Assy, Oiler | 2 | - | - | - |
| | 8519190 | | Oiler Assy, VP (Includes items 50 thru 55, 24" of item 13, and 1 of item 19) | - | - | 2 | - |
| | 8519196 | | Oiler Assy, DB/FR (Includes items 50 thru 55, 20" of item 13, and 1 of item 19) | - | - | 2 | - |
| | 8519275 | ⊗ | Oiler Assy, VP-330 | - | - | - | 3 |
| 3 | 8540150 | ⊗ | Valve Assy, Oiler, w/o Cplg & Nip | - | 1 | - | - |
| 4 | 1400640 | | Coupling, Galv, 1/8 | 2 | - | - | - |
| 5 | 1402140 | ⊗ | Nipple, Galv, 1/8 x 2 Lg (Used with earlier oilers) | 2 | - | - | - |
| | 1402640 | ⊗ | Nipple, Galv, 1/8 x 4-1/2 Lg | - | - | 2 | - |
| | 1402340 | | Nipple, Galv, 1/8 x 3 Lg (Used with later oilers on FR-A series pumps) | - | - | 2 | - |
| 6 | 8540111 | | Tube, Copper, .081 x 24.00 | 2 | 1 | - | - |
| 7 | 8540134 | ⊗ | Insert, Brass | 2 | 1 | - | - |
| 8 | 8540040 | ⊗ | Sleeve, Brass | 2 | 1 | - | - |
| 9 | 8540045 | ⊗ | Valve, Capillary, w/Sight | 2 | 1 | - | - |
| 10 | 8540039 | ⊗ | Nut, Brass, 7/16-24 x 1/4 Tube | 2 | 1 | - | - |
| 11 | 8540073 | ⊗ | Seal, Capillary-Valve | 2 | 1 | - | - |
| 12 | 8500726 | | O-ring, 0.239 x .070, Buna-N (Not supplied in later assemblies of this type) | 2 | 1 | - | - |
| 13 | 8519183 | ⊗ | Tube, Nylon, .25 x .035 (Replaced by 3560897) | a/r | a/r | a/r | a/r |
| | 3560897 | | Hose, Nylon, Natural, 1/4 OD | a/r | a/r | a/r | a/r |
| 14 | 1401141 | ⊗ | Bushing, Hex, Galv, 1/4 x 1/8 | 2 | - | - | - |
| 15 | 1400240 | ⊗ | Elbow, Street, 90 Deg, Galv, 1/8 | - | 1 | - | - |
| 16 | 8540146 | ⊗ | Manifold Assy, Oiler (Includes items 17-19) | 1 | - | - | - |
| 17 | 8540117 | ⊗ | Manifold, Oiler | 1 | - | - | - |
| 18 | 1400940 | | Plug, Sq Hd, Galv, 1/8 | 2 | - | - | - |
| 19 | 3554087 | | Connector, Push, 1/4 x 1/8 NPT | 3 | 1 | 1 | 1 |
| | 8540123 | | Adapter, 1/8 OD Tube x 1/8 NPT (Includes 1 of item 20) | 3 | 1 | - | - |
| 20 | 8540038 | | Nut, Brass, w/Sleeve | 5 | 7 | - | - |
| 21 | 8540122 | ⊗ | Bracket, Mounting, Manifold | 1 | - | - | - |
| 22 | 8511924 | ⊗ | MSCR, PNH, M5 x 8 MM (Older pumps require 1181198) | 2 | - | - | - |
| | 1181198 | ⊗ | MSCR, RDH, 10-24 x 3/8 ZP | 2 | - | - | - |
| 23 | 8540147 | ⊗ | Tube Assy, Oil-Feed (Includes items 24 thru 27 & 6' of item 13) | 1 | - | - | - |
| 24 | 8540131 | ⊗ | Tube Assy, Aux Oil Flow, w/Stop | 1 | - | - | - |
| 25 | 8540129 | ⊗ | Bushing, PVC, 2-Hole, 3/4 NPT | 1 | - | - | - |
| | 8516140 ¹ | ⊗ | (n/s) Kit, Bulkhead Fitting (Includes items 26 & 26a) | 1 | - | - | - |
| 26 | 1917502 | | Conn, Str-RF, .19-30,PG9 | 1 | - | - | - |
| 26a | 1917561 | | Connector, Dome,Nut,PG9 | 1 | - | - | - |
| 27 | 8540132 | ⊗ | Union, Brass, 1/4 x 1/4 Tube (Includes 2 of item 20) | 1 | - | - | - |
| 28 | 8540135 | | Filter, Oil, Spin-On | - | 1 | - | - |
| 29 | 8540084 | ⊗ | Head, Filter, w/Bypass | - | 1 | - | - |
| 30 | 8540128 | ⊗ | Bracket, Filter-Head | - | 1 | - | - |
| 31 | 8519354 | ⊗ | Bracket, Mounting, Oil-Filter | - | 1 | - | - |
| 32 | 1401118 | | Bushing, Hex, Galv, 1/2 x 1/4 | - | 2 | - | - |
| 33 | 8540074 | ⊗ | Adapter, 1/8 OD Tube x 1/4 NPT (Includes 1 of item 20) | - | 3 | - | - |
| 34 | 8540041 | ⊗ | Valve, Shut-off | - | 1 | - | - |
| 35 | 8540133 | ⊗ | Adapter, 1/4 OD Tube x 1/4 Hose (n/s) | - | 1 | - | - |
| 36 | 8540043 | ⊗ | Spigot, Pushbutton | - | 1 | - | - |
| 37 | 4012220 | | Clamp, Hose, SS, #8, .44-1.00 | - | 2 | - | - |
| 38 | 8507400 | | Hose, Milk, Plastic, .56 ID | - | a/r | - | - |
| 39 | 8540104 | ⊗ | Adapter, 5/8 Hose x 1/2 NPT | - | 1 | - | - |
| 40 | 8540036 | ⊗ | Elbow, Brass, 1/4 Tube x 1/8 NPT (includes 1 of item 20) | - | 2 | - | - |
| 41 | 8510417 | | Clamp, Tube | - | 2 | - | - |
| 42 | 1400903 | ⊗ | Plug, Sq Hd, Galv, 3/4 | - | 1 | - | - |
| 43 | 8540118 | ⊗ | Label, Instructions, Reclaimer | - | 1 | - | - |
| 44 | 1410909 | ⊗ | Plug,Sq Hd,BI,3 | - | 1 | - | - |
| 45 | 4022249 | ⊗ | Label, Danger, Hot Surface | - | 1 | - | - |
| 46 | 1401138 | ⊗ | Bushing, Hex, Galv, 3 x 2 | - | 1 | - | - |
| 47 | 1401338 | ⊗ | Reducer, Galv, 3 x 2 | - | 1 | - | - |
| 48 | 8503716 | | Oil, Vac-Pump, 5 Gal Pail (Customer supplied) | - | a/r | - | - |
| | | | Kit, Repl, Oiler, DB/FR (Used to upgrade oiler assemblies on earlier FR-A & DB-2000 series vacuum pumps) (Includes 2 of items 2, 16, 21, 23 & hardware) | - | a/r | - | - |
| 50 | 8519193 | | Filter, In-Line, 1.22 x 4.25 | - | - | 1 | 1 |
| 51 | 8519194 | | Valve, Needle, 1/4 x 1/8 NPT, MOD | - | - | 1 | 1 |
| 52 | 8519191 | | Body, Oiler | - | - | 1 | 1 |

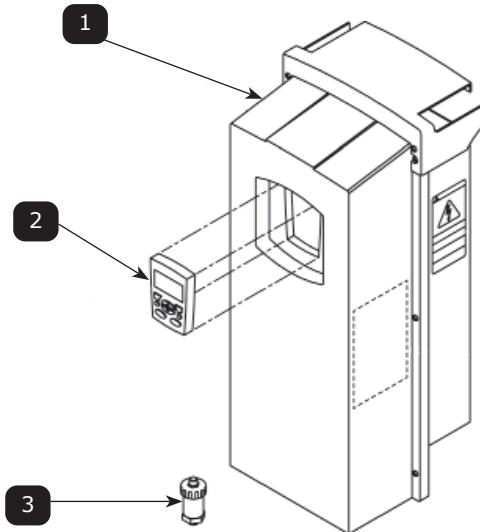
Variable Speed Vacuum Pump Controllers



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. | FUSE | Replaced By |
|------|----------|-----------------------------|--|----------|--------|-------------|
| - | ----- | | Cont Assy, Variable Speed Vac Pump | - | - | |
| 1 | 8504120 | | Transducer, 0-30" HG, 4-20MA | 1 | | |
| 2 | 8516339 | ⊗ | Contr, 7.5HP/3PH,3HP/1PH,230V | 1 | (30A) | |
| | 8516340 | ⊗ | Contr, 10HP/3PH,5HP/1PH,230V | 1 | (50A) | 8512707 |
| | 8516341 | ⊗ | Contr, 15HP/3PH,7.5HP/1PH,230V | 1 | (30A) | |
| | 8516342 | ⊗ | Contr, 20HP/3PH,10HP/1PH,230V | 1 | (80A) | 8516342 |
| | 8516343 | ⊗ | Contr, 30HP/3PH,15HP/1PH,230V | 1 | (160A) | 8512710 |
| | 8516344 | ⊗ | Contr, 7.5HP,5.5KW,3PH,500V | 1 | | 8512711 |
| | 8516345 | ⊗ | Contr, 10HP,7.5KW,3PH,500V | 1 | | |
| | 8516346 | ⊗ | Contr, 15HP, 11KW,3PH,500V | 1 | | 8512712 |
| | 8516347 | ⊗ | Contr, 20HP, 15KW,3PH,500V | 1 | | |
| | 8516348 | ⊗ | Contr, 30HP, 22KW,3PH,500V | 1 | | 8512714 |
| 3 | 8502566 | | Label, Warning, V/Speed Vac Pump | 1 | | |
| 4 | 8501367 | (n/s) | Relay, 4PDT, 240V, 3A, Opti-Flo II | 1 | | |
| 5 | 8506293 | (n/s) | Socket, Relay, HC | 1 | | |
| 6 | ----- | | Literature, 9ES-785 (Installation Instructions) | a/r | | |
| 7 | 8502780 | ⊗ | (n/s) Fuse, 30.00A, 700V, Fast | 3 | | |
| | 8502781 | ⊗ | (n/s) Fuse, 50.00A, 700V, Fast | 3 | | |
| | 8502782 | ⊗ | (n/s) Fuse, 80.00A, 700V, Fast | 3 | | |
| | 8502783 | ⊗ | (n/s) Fuse, 100.00A, 700V, Fast | 3 | | |
| | 8502784 | ⊗ | (n/s) Fuse, 160.00A, 700V, Fast | 3 | | |
| 8 | 8504000 | ⊗ | Keypad, ACS-600, CDP311 | 1 | | |
| | 8504001 | | Keypad, ACS-600, CDP312 | 1 | | |
| 9 | 8509295 | (n/s) | Filter Kit, EMI, 3 Phase, 12 GA | 1 | | |
| | 8509296 | ⊗ | (n/s) Filter Kit, EMI, 1 Phase, 12 GA | 1 | | |
| | 8509297 | (n/s) | Filter Kit, EMI, 1 Phase, 8 GA | 1 | | |
| | 8509298 | (n/s) | Filter Kit, EMI, 3 Phase, 8 GA | 1 | | |
| | 8509299 | (n/s) | Filter Kit, EMI, 1 Phase, 8 GA | 1 | | |
| | 8509300 | (n/s) | Filter Kit, EMI, 3 Phase, 4 GA | 1 | | |
| | 8509301 | (n/s) | Filter Kit, EMI, 1 Phase, 4 GA | 1 | | |
| 10 | 8508615 | ⊗ | Switch, Pushbutton, 2 Position | 1 | | |
| 11 | 8508616 | ⊗ | Block, Contact, NC | 1 | | |
| 12 | 8508617 | ⊗ | Block, Contact, NO | 1 | | |
| 13 | 8509341 | ⊗ | Label, Variable Speed-Constant | 1 | | |
| 14 | 8508636 | ⊗ | Label, Controller, ACS600 | 1 | | |
| 15 | 8509312 | (n/s) | Knockout Punch, PG29 | a/r | | |
| | 8509313 | (n/s) | Knockout Punch, PG36 | a/r | | |

Variable Speed Drive Control Assemblies, ACS 550

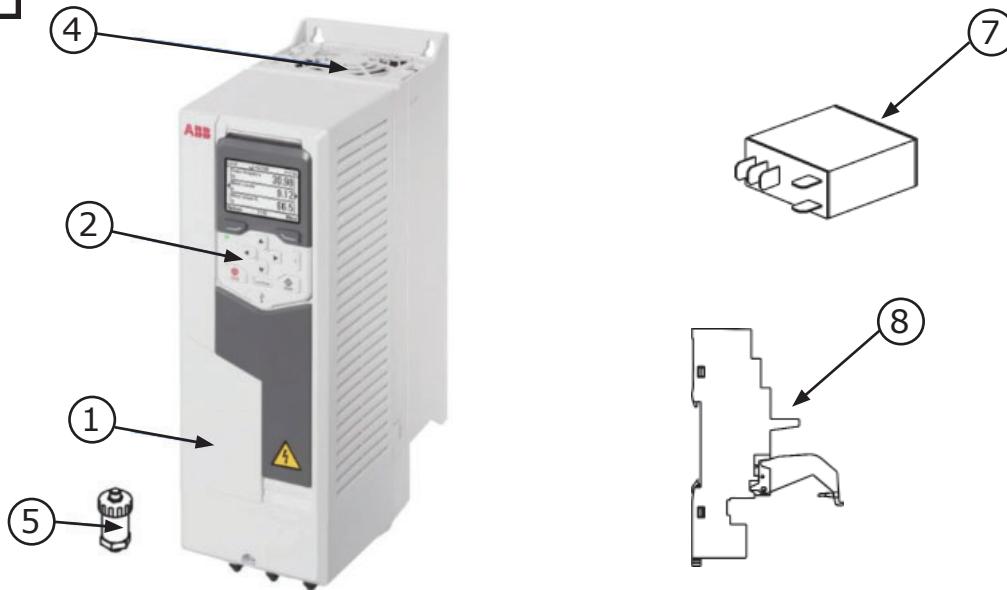
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| SECTION A | PAGE 23 |
| EFFECTIVE: 8/21/23 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | | | | | | | | | | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|--|------|------|------|------|------|------|------|------|-----|-----------------------------------|
| | 8512715 | | Control Assy, 10hp/3ph, 5hp/1ph, 230V | 2715 | | | | | | | | | |
| | 8583135 ⁴ | ⊗ | Control Assy, 10hp/3ph, 600V, ACS550 | | 3135 | | | | | | | | |
| | 8512716 | | Control Assy, 15hp/3ph, 7.5hp/1ph, 230V | | | 2716 | | | | | | | |
| | 8583136 ⁶ | ⊗ | Control Assy, 15hp/3ph, 600V, ACS550 | | | 3136 | | | | | | | |
| | 8512717 | | Control Assy, 20hp/3ph, 10hp/1ph, 230V | | | | 2717 | | | | | | |
| | 8512718 | | Control Assy, 30hp/3ph, 15hp/1ph, 230V | | | | | 2718 | | | | | |
| | 8512719 | | Control Assy, 10hp/3ph, 500V, ACS550 | | | | | | 2719 | | | | |
| | 8512720 | | Control Assy, 15hp/3ph, 500V, ACS550 | | | | | | | 2720 | | | |
| | 8512721 | | Control Assy, 20hp/3ph, 500V, ACS550 | | | | | | | 2721 | | | |
| | 8512722 | | Control Assy, 30hp/3ph, 500V, ACS550 | | | | | | | | 2722 | | |
| | 8512707 | | Control, 10hp/3ph, 5hp/1ph, 230V, ACS | 1 | - | - | - | - | - | - | - | - | - |
| | 8583133 ³ | ⊗ | Control, 10hp/3ph, 600V, ACS550 | - | 1 | - | - | - | - | - | - | - | - |
| | 8512708 | | Control, 15hp/3ph, 7.5hp/1ph, 230V | - | - | 1 | - | - | - | - | - | - | - |
| | 8583134 ⁵ | ⊗ | Control, 15hp/3ph, 600V, ACS550 | - | - | - | 1 | - | - | - | - | - | - |
| 1 | 8512709 | | Control, 20hp/1ph, 230V | - | - | - | - | 1 | - | - | - | - | - |
| | 8512710 | | Control, 30hp/3ph, 15hp/1ph, 230V | - | - | - | - | - | 1 | - | - | - | - |
| | 8512711 | | Control, 10hp/3ph, 500V, ACS550 | - | - | - | - | - | - | 1 | - | - | - |
| | 8512712 | | Control, 15hp/3ph, 500V, ACS550 | - | - | - | - | - | - | - | 1 | - | - |
| | 8512713 | | Control, 20hp/3ph, 500V, ACS550 | - | - | - | - | - | - | - | - | 1 | - |
| | 8512714 | | Control, 30hp/3ph, 500V, ACS550 | - | - | - | - | - | - | - | - | - | 1 |
| 2 | 8512732 | | Keypad, Control, VFD, ACS-550 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 8504120 ¹ | | Transducer, 0-30 in. Hg, 4-20 MA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 1917532 ¹ | n/s | Conn, Str-Rif, .27-.46, ½ NPT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 1917657 ¹ | n/s | Conektor, Therm Strip, 4-Pos | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 3554830 ¹ | n/s | Lubricant, Tube, 4CC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | 8501367 ¹ | n/s | Relay, 4 PDT, 240V, 3A, Opti-Flo II | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 8506293 ¹ | n/s | Socket, Relay, HC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 8502127 ² | n/s | Transducer Assy (Includes Items 3 thru 8) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 8509295 ¹ | n/s | Filter Kit, Cow ID, 3ph, 12 Ga | - | 1 | - | - | - | - | 1 | - | - | - |
| | 8509296 ¹ | ⊗ | Filter Kit, Cow ID, 1ph, 12 Ga | 1 | - | - | 1 | - | - | - | - | - | - |
| | 8509297 ¹ | n/s | Filter Kit, Cow ID, 1ph, 8 Ga | - | - | 1 | - | - | - | - | - | - | - |
| 10 | 8509298 ¹ | n/s | Filter Kit, Cow ID, 3ph, 8 Ga | 1 | - | - | - | - | - | - | 1 | 1 | - |
| | 8509299 ¹ | n/s | Filter Kit, Cow ID, 1ph, 8 Ga | - | - | - | - | 1 | - | - | - | - | - |
| | 8509300 ¹ | n/s | Filter Kit, Cow ID, 3ph, 4 Ga | - | - | 1 | - | 1 | 1 | - | - | - | 1 |
| | 8509301 ¹ | n/s | Filter Kit, Cow ID, 1ph, 4 Ga | - | - | - | - | - | 1 | - | - | - | - |
| 11 | 8509312 ¹ | n/s | Knockout Punch, PG29 | a/r | a/r | a/r |
| | 8509313 ¹ | n/s | Knockout Punch, PG36 | a/r | a/r | a/r |

- Note:
1. Items not included with Control Assemblies.
 2. Some assembly components have changed with the release of ACS 580 VFD; refer to the ACS 580 repair parts page. Changed components provide the same function, but are not physical direct replacements.
 3. Replaced by 4041989.
 4. Replaced by 4041992.
 5. Replaced by 4041990.
 6. Replaced by 4041991.

Variable Speed Drive Control Assemblies, ACS 580



| ITEM | PART NO. | ⊗=Obsolete n/s=Not shown | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | |
|------|----------------------|-----------------------------|----------------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|
| | 4041667 | | BVAC,580,10HP/3,5HP/1,230V | 1667 | | | | | | | | | |
| | 4041666 | | BVAC,580,15HP/3,7.5HP/1,230V | | 1666 | | | | | | | | |
| | 4041665 | | BVAC,580,20HP/3,10HP/1,230V | | | 1665 | | | | | | | |
| | 4041664 | | BVAC,580,30HP/3,15HP/1,230V | | | | 1664 | | | | | | |
| | 4041663 | | BVAC,580,10HP/3,500V | | | | | 1663 | | | | | |
| | 4041662 | | BVAC,580,15HP/3,500V | | | | | | 1662 | | | | |
| | 4041661 | | BVAC,580,25HP/3,500V | | | | | | | 1661 | | | |
| | 4041660 | | BVAC,580,30HP/3,500V | | | | | | | | 1660 | | |
| | 4041868 | | BVAC,580,40HP/3,240V | | | | | | | | | 1868 | |
| | 4041992 ⁴ | | BVAC,10HP,3PH,600V | | | | | | | | | | 1992 |
| | 4041991 | | BVAC,15HP,3PH,600V | | | | | | | | | | 1991 |
| | 4041659 | | CONT,580,10HP/3,5HP/1,230V | 1 | - | - | - | - | - | - | - | - | - |
| | 4041658 | | CONT,580,15HP/3,7.5HP/1,230V | - | 1 | - | - | - | - | - | - | - | - |
| | 4041657 | | CONT,580,20HP/3,10HP/1,230V | - | - | 1 | - | - | - | - | - | - | - |
| | 4041656 | | CONT,580,30HP/3,15HP/1,230V | - | - | - | 1 | - | - | - | - | - | - |
| | 4041655 | | CONT,580,10HP/3,500V | - | - | - | - | 1 | - | - | - | - | - |
| 1 | 4041654 | | CONT,580,15HP/3,500V | - | - | - | - | - | 1 | - | - | - | - |
| | 4041653 | | CONT,580,25HP/3,500V | - | - | - | - | - | - | 1 | - | - | - |
| | 4041652 | | CONT,580,30HP/3,500V | - | - | - | - | - | - | - | 1 | - | - |
| | 4041867 | | CONT,580,40HP/3,240V | - | - | - | - | - | - | - | 1 | - | - |
| | 4041989 ³ | | CONT,10HP,3PH,600V,ACS580 | - | - | - | - | - | - | - | - | 1 | - |
| | 4041990 | | CONT,15HP,3PH,600V,ACS580 | - | - | - | - | - | - | - | - | - | 1 |
| 2 | 3563917 | | Keypad, CONT, VFD, ACS-580 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 8502127 ² | n/s | Transducer Assy | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 3563916 ¹ | | Fan, VFD, ACS580, R2 | 1 | - | - | - | 1 | 1 | - | - | - | - |
| 4 | 3563915 ¹ | | Fan, VFD, ACS580, R3 | - | 1 | 1 | - | - | - | 1 | 1 | 1 | 1 |
| | 3563914 ¹ | | Fan, VFD, ACS580, R5 | - | - | - | 1 | - | - | - | - | - | - |
| 5 | 8504120 ¹ | | Transducer, 0-30 in. Hg, 4-20 MA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 1917532 ¹ | n/s | Conn, Str-Rlf, .27-.46, 1/2 NPT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 4040111 ¹ | | RELAY,1 C/O,230 VAC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 4029151 ¹ | | Base, Override Relay | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 8509295 ¹ | n/s | Filter Kit, Cow ID, 3ph, 12 Ga | - | - | - | - | 1 | - | - | - | - | - |
| | 8509296 ¹ | n/s | Filter Kit, Cow ID, 1ph, 12 Ga | 1 | - | - | - | - | - | - | - | - | - |
| | 8509297 ¹ | n/s | Filter Kit, Cow ID, 1ph, 8 Ga | - | 1 | - | - | - | - | - | - | - | - |
| 9 | 8509298 ¹ | n/s | Filter Kit, Cow ID, 3ph, 8 Ga | 1 | - | - | - | - | 1 | 1 | - | - | 1 |
| | 8509299 ¹ | n/s | Filter Kit, Cow ID, 1ph, 8 Ga | - | - | 1 | - | - | - | - | - | - | - |
| | 8509300 ¹ | n/s | Filter Kit, Cow ID, 3ph, 4 Ga | - | 1 | 1 | 1 | - | - | - | 1 | - | - |
| | 8509301 ¹ | n/s | Filter Kit, Cow ID, 1ph, 4 Ga | - | - | - | 1 | - | - | - | - | 1 | - |
| 10 | 8509312 ¹ | n/s | Knockout Punch, PG29 | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| | 8509313 ¹ | n/s | Knockout Punch, PG36 | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |

Note:

1. Items not included with Control Assemblies.

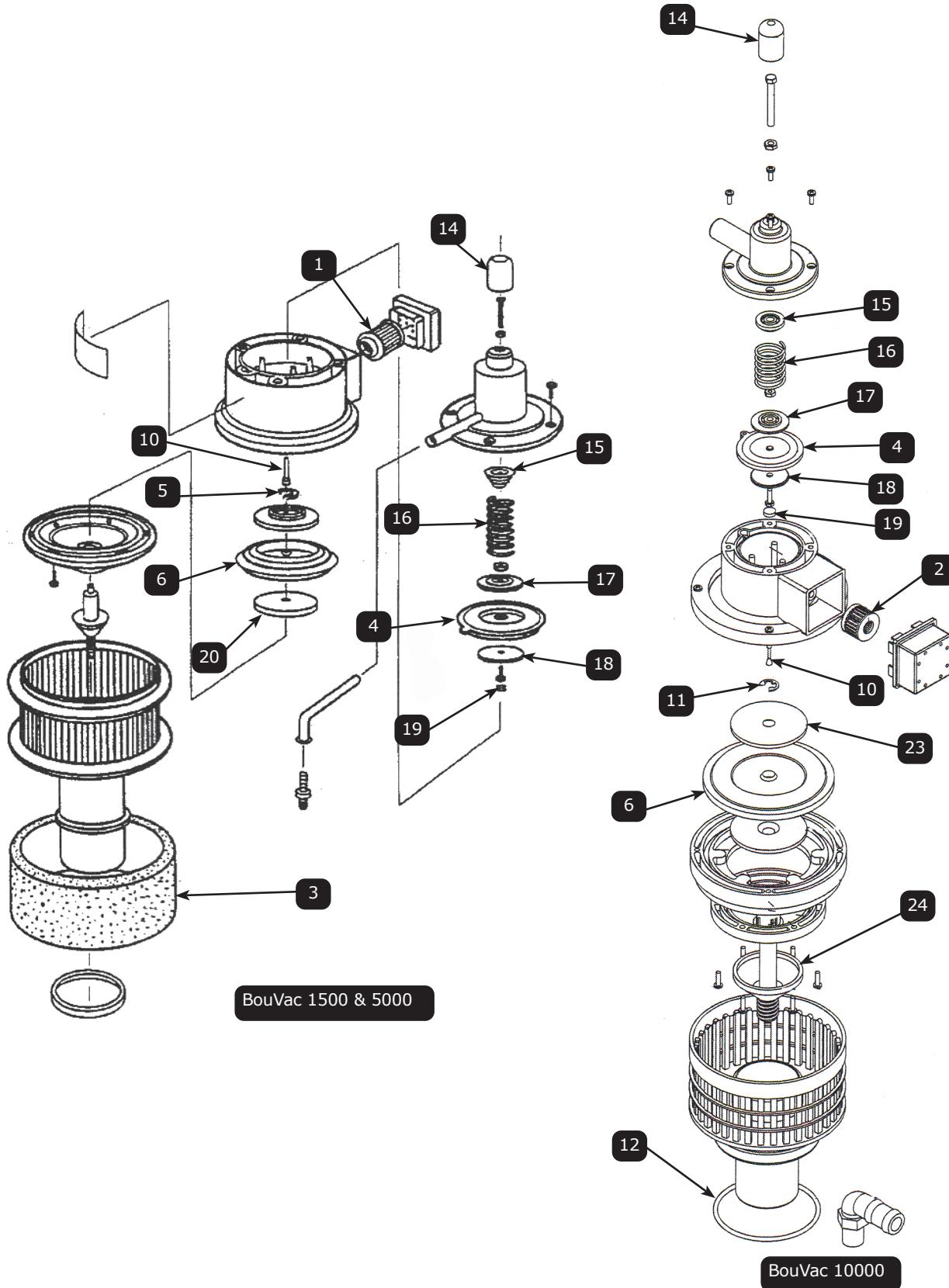
2. Includes items 5 thru 9.

3. Replaces 8583133.

4. Replaces 8583135.

BouVac 1500, 5000, 10000 Vacuum Regulator

SECTION A
EFFECTIVE:
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8/7/17



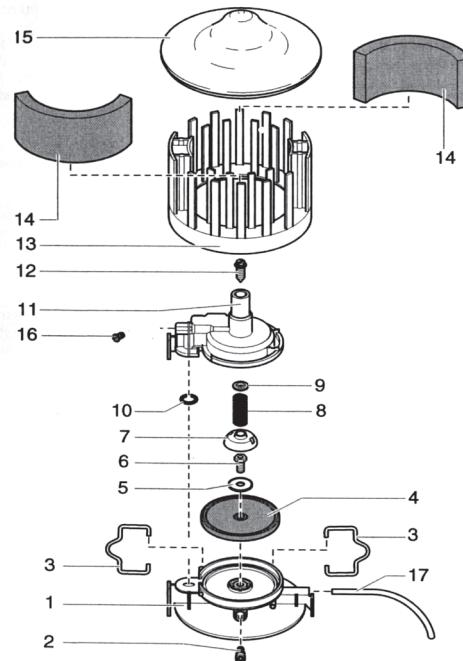
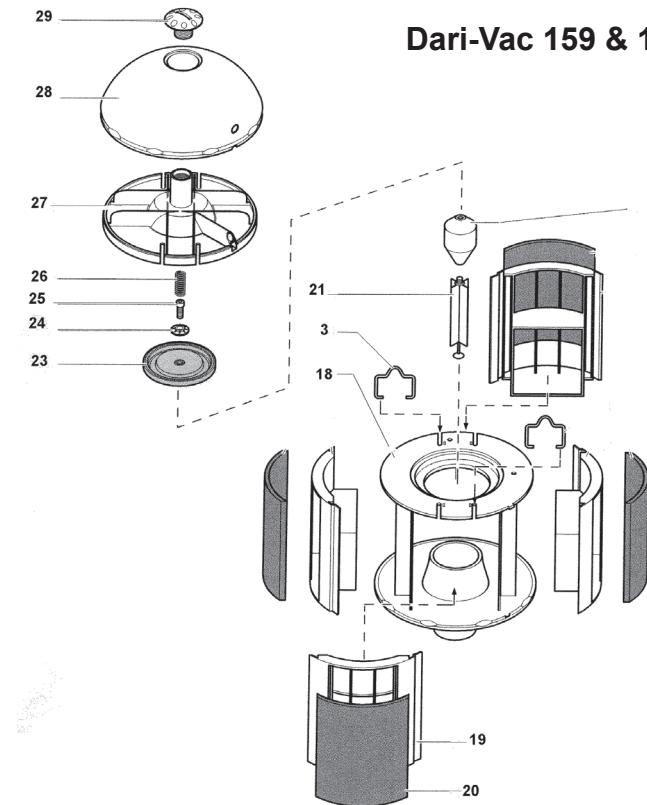
BouVac 1500, 5000, 10000 Vacuum Regulator (Cont.)

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|----------------------|-----------------------------|---|-----------------------------------|-----|-----|
| | 8584191 | | Regulator, Vac, BouVac 1500 | 4191 | | |
| | 8584192 | | Regulator, Vac, BouVac 5000 | 4192 | | |
| | 8584193 | | Regulator, Vac, BouVac 10000 | 4193 | | |
| 1 | 8584194 | | Filter, Cont, BV1500-5000, 6 pack | a/r | a/r | - |
| 2 | 8584345 | | Filter, Cont, BV10000, 5 pack, BM | - | - | a/r |
| 3 | 8584196 | | Filter, Foam, BV1500-5000,6 pack, BM | a/r | a/r | - |
| | 8595586 ¹ | ⊗ | Filter, Foam, BV10000 | - | - | a/r |
| | 8508612 | | Filter, Main, Mark II | - | - | a/r |
| 4 | ----- | | Diaphragm A, Upper | 1 | 1 | 1 |
| 5 | ----- | | C-Clip | 1 | 1 | - |
| 6 | ----- | | Diaphragm B, Lower | 1 | 1 | 1 |
| 7 | 8584197 | n/s | Kit, Service, Min, BV1500, Reg, BM <i>(Includes one each of Item #1, 3, 4, 5 & 6)</i> | 1 | - | - |
| 8 | 8584198 | n/s | Kit, Service, Min, BV5000, Reg, BM <i>(Includes one each of Item #1, 3, 4, 5 & 6)</i> | - | 1 | - |
| 9 | 8584199 | n/s | Kit, Service, Min, BV10000, Reg, BM <i>(Includes one each of Item #2, 4, 6, 10, 11 & 12)</i> | - | - | 1 |
| 10 | ----- | | Valve, Pilot, Magnetic, SS | - | - | 1 |
| 11 | ----- | | Retaining Clip E, 9MM, SS | - | - | 1 |
| 12 | ----- | | O-Ring, #26, 1/8 x 3-1/4, 3-1/2 | - | - | 1 |
| 13 | 8584200 | n/s | Kit, Service, Maj, BV1500, Reg, BM <i>(Includes one each of Items 1, 4-6, 10, 14-16, 18-19 & two of 3, 20)</i> | 1 | - | - |
| 14 | ----- | | Cap, Rubber | 1 | 1 | 1 |
| 15 | ----- | | Spring Holder | 1 | 1 | 1 |
| 16 | ----- | | Spring | 1 | 1 | 1 |
| 17 | ----- | | Center Disk A | 1 | 1 | 1 |
| 18 | ----- | | Center Disk B | 1 | 1 | 1 |
| 19 | ----- | | Permanent Magnetic | 1 | 1 | 1 |
| 20 | ----- | | Check Valve Assembly | 2 | 2 | 2 |
| 21 | 8584201 | n/s | Kit, Service, Maj, BV5000, Reg, BM <i>(Includes one each of Items 1, 4-6, 10, 14-16, 18-19 & two of 3, 20)</i> | - | 1 | - |
| 22 | 8584202 | n/s | Kit, Service, Maj, BV1000, Reg, BM <i>(Includes one each of Items 2, 4, 6, 10-19, 23 & 24)</i> | - | - | 1 |
| 23 | ----- | | Center Disk C | - | - | 1 |
| 24 | ----- | | Valve, Main | - | - | 1 |

Notes:

1. Replaced by 8508612.

Dari-Vac 159 & 106 Vacuum Regulators

 SECTION **A** PAGE **27**
 EFFECTIVE: **7/20/05**


| ITEM NO. | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | |
|-------------|-------------|-----------------------------|-----------------------------------|-----------------------------------|-----|-----|-----|-----|-----|--|
| | 8510270 | ⊗ | Regulator Assy,Dari-Vac 159 | 270 | | | | | | |
| | 8510346 | ⊗ | Kit,Regulator,Dual,Dari-Vac 159 | | 346 | | | | | |
| | 8510345 | | Controller,Remote,Dari-Vac 159 | | | 345 | | | | |
| | 8511124 | ⊗ | Regulator Assy,Dari-Vac 106 | | | | 124 | | | |
| | 8511146 | ⊗ | Kit,regulator,Dual,Dari-Vac 106 | | | | 146 | | | |
| | 8511145 | ⊗ | Controller,Remote,Dari-Vac 106 | | | | | 145 | | |
| 1 | 8510347 | ⊗ | Body,Bottom,Servo | 1 | 1 | - | 1 | 1 | - | |
| 2 | 8510348 | ⊗ | Screw,Calibrate,Servo | 1 | 1 | - | 1 | 1 | - | |
| 3 | 8510349 | ⊗ | Retainer,Diaphragm | 4 | 8 | 2 | 4 | 8 | 2 | |
| 4 | 8510350 | | Diaphragm,Servo | 1 | 1 | - | 1 | 1 | - | |
| 5 | 8510351 | | Plate,Diaphragm,Servo | 1 | 1 | - | 1 | 1 | - | |
| 6 | 8510352 | ⊗ | Screw,Control Cone,Servo | 1 | 1 | - | 1 | 1 | - | |
| 7 | 8510353 | ⊗ | Cone,Control,Servo | 1 | 1 | - | 1 | 1 | - | |
| 8 | 8510354 | ⊗ | Spring,Adjust,Servo | 1 | 1 | - | 1 | 1 | - | |
| 9 | 8510355 | ⊗ | Washer,Adjusting Spring,Servo | 1 | 1 | - | 1 | 1 | - | |
| 10 | 8510356 | | O-ring,.237 x .103,Silicone,Servo | 1 | 1 | - | 1 | 1 | - | |
| 11 | 8510357 | ⊗ | Body,Upper,Servo | 1 | 1 | - | 1 | 1 | - | |
| 12 | 8510358 | ⊗ | Screw,Adjust,Servo | 1 | 1 | - | 1 | 1 | - | |
| 13 | 8510359 | ⊗ | Housing,Filter,Servo | 1 | 1 | - | 1 | 1 | - | |
| 14 | 8510360 | | Filter,Foam,Servo | 2 | 2 | - | 2 | 2 | - | |
| 15 | 8510361 | ⊗ | Cover,Top,Servo | 1 | 1 | - | 1 | 1 | - | |
| 16 | 8510362 | ⊗ | Plug,Nipple,Servo | 1 | 1 | - | 1 | 1 | - | |
| 17 | 8510610 | ⊗ | Hose,Polye,.25 x .04 x 100' | a/r | a/r | a/r | a/r | a/r | a/r | |
| 18 | 8510363 | ⊗ | Body,159,Valve | 1 | 2 | 1 | - | - | - | |
| | 8511126 | ⊗ | Body,106,Valve | - | - | - | 1 | 2 | 1 | |
| 19 | 8510364 | ⊗ | Housing,Filter,Valve | 4 | 8 | 4 | 4 | 8 | 4 | |
| 20 | 8510365 | | Filter,Foam,Valve | 4 | 8 | 4 | 4 | 8 | 4 | |
| 21 | 8510366 | | Stabilizer,159,Valve | 1 | 2 | 1 | - | - | - | |
| | 8511127 | | Stabilizer,106,Valve | - | - | - | 1 | 2 | 1 | |
| 22 | 8510367 | | Valve,Cone,Valve | 1 | 2 | 1 | 1 | 2 | 1 | |
| 23 | 8510368 | ⊗ | Diaphragm,Valve | 1 | 2 | 1 | 1 | 2 | 1 | |
| 24 | 8510369 | ⊗ | Plate,Diaphragm,Valve 159 | 1 | 2 | 1 | - | - | - | |
| | 8510351 | | Plate,Diaphragm,Valve 106 | - | - | - | 1 | 2 | 1 | |
| 25 | 8510370 | ⊗ | Cscr,Sch,M9x15,Chrome-Plated | 1 | 2 | 1 | 1 | 2 | 1 | |
| 26 | 8510371 | ⊗ | Spring,Stabilizer,Valve | 1 | 2 | 1 | 1 | 2 | 1 | |
| 27 | 8510372 | ⊗ | Body,Upper,Valve | 1 | 2 | 1 | 1 | 2 | 1 | |
| 28 | 8510373 | ⊗ | Cover,Upper,Valve 159 | 1 | 2 | 1 | - | - | - | |
| | 8511129 | ⊗ | Cover,Upper,Valve 106 | - | - | - | 1 | 2 | 1 | |
| 29 | 8510374 | ⊗ | Plug,Top,Threaded,Valve | 1 | 2 | 1 | 1 | 2 | 1 | |
| 30 | 8510946 | | Kit, Repair, DARI-VAC 159/106 | a/r | a/r | - | a/r | a/r | - | |

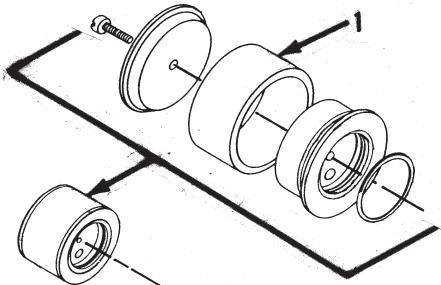
(Includes one each of Items 4, 10, 23; two each of Item 14, four each of Item 20)

**Sentinel Vacuum Regulators Models 100,
350, 500 & Sentinel Mark II Regulator**

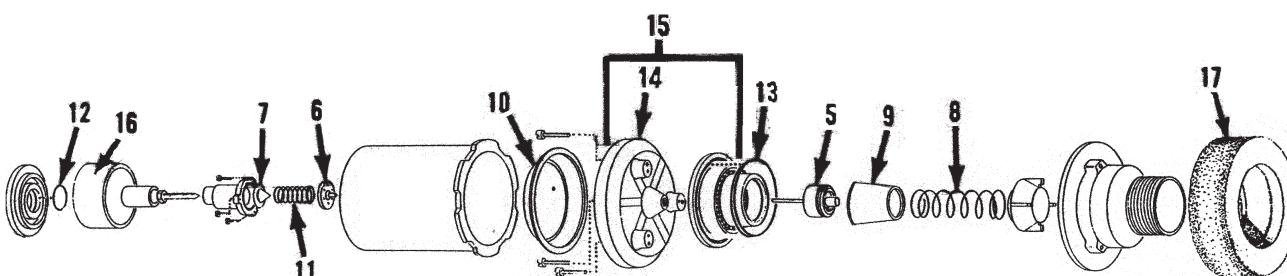
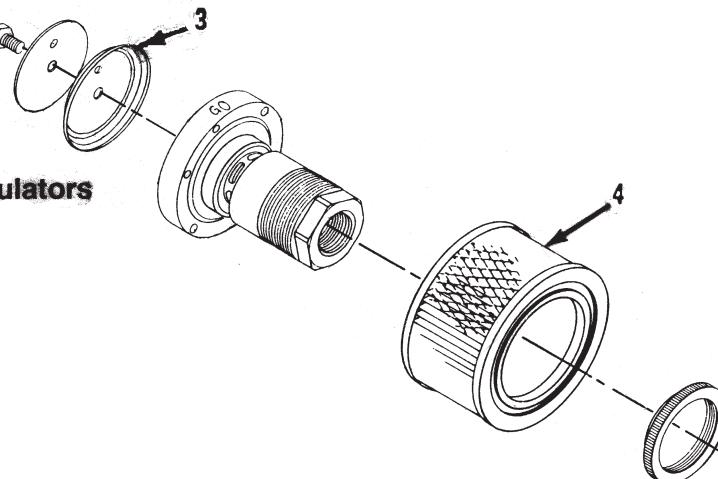
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|-----------------|----------|-----------------------------|---------------------------------------|-----------------------------------|
| | 8511745 | ⊗ | Regulator, Vac, Sentinel, 100 (shown) | 1745 |
| | 8511735 | ⊗ | Regulator, Vac, Sentinel, 350 | 1735 |
| | 8517673 | ⊗ | Regulator, Vac, Sentinel, 500 | 7673 |
| | 8515616 | ⊗ | Regulator, Vac, Sentinel, Mark II | 5616 |
| 1 | 8511739 | | Filter, Cartridge, 348.33 | 1 |
| | 8515759 | ⊗ | Filter, Dome, Top, Sentinel MK II | - |
| 2 | 8511738 | | Aneroid Assy, 348.35 | 1 |
| 3 | 8511746 | | Diaphragm, 353.6 | 1 |
| | 8511736 | | Diaphragm, 348.9 | - |
| 4 | 8511747 | ⊗ | Filter, Air, 4.38 Dia x 2.38 | 1 |
| | 8511740 | | Filter, Air, 6.50 Dia x 3.00 | - |
| | 8515758 | ⊗ | Filter, Air, Main, Sentinel MK II | - |
| 5 | 8516011 | ⊗ | Pin Assy, Push, Poppet, Mark II | - |
| 6 | 8516012 | | Diaphragm, Dome, Mark II | - |
| 7 | 8516013 | ⊗ | Plate, Wobble, Mark II | - |
| 8 | 8516014 | ⊗ | Spring, Closing, Mark II | - |
| 9 | 8516015 | | Seal, Rolling, Mark II | - |
| 10 | 8516016 | | Diaphragm Assy, Mark II | - |
| 11 | 8516017 | ⊗ | Spring, Adjusting, Mark II | - |
| 12 | 8516018 | ⊗ | O-ring, Mark II | - |
| 13 | 8516019 | ⊗ | Seal, Outlet, Mark II | - |
| 14 | 8516020 | | Flange Assy, Mark II | - |
| 15 ¹ | 8502364 | | Kit, Flange & Flow ring, Mark II | - |
| 16 | 8508611 | | Filter, Dome, Mark II | - |
| 17 | 8508612 | | Filter, Main, Mark II | - |

Note:

¹ Parts used in item 15 must be the same color.



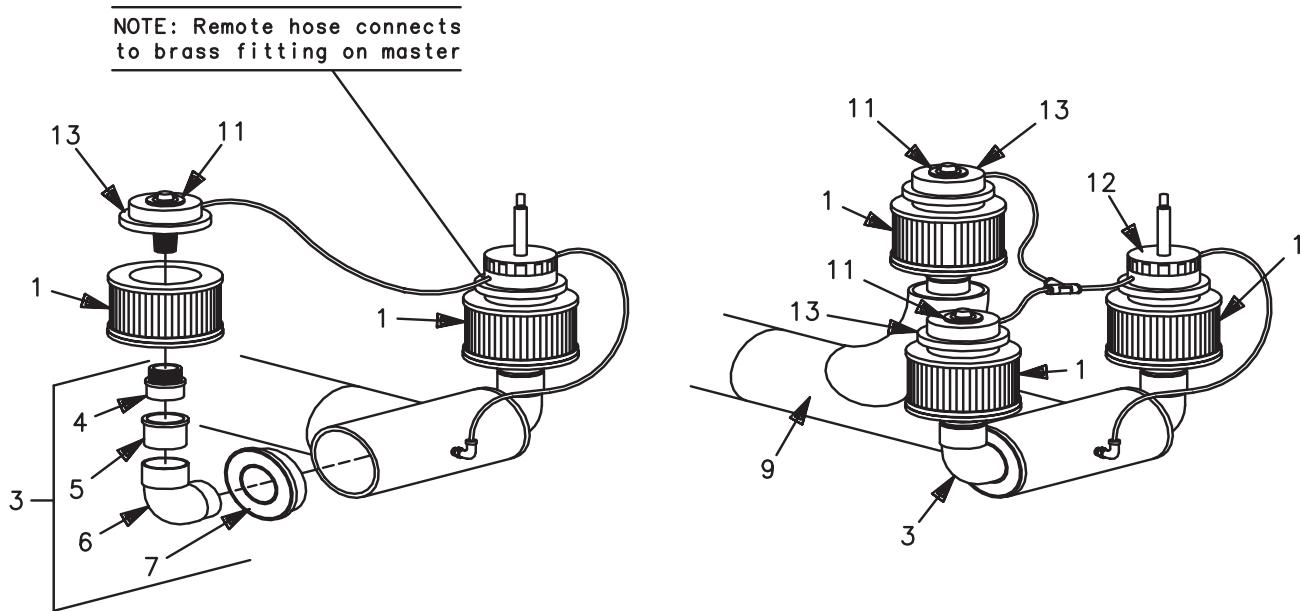
8511745, 8511735 Sentinel Vacuum Regulators



8515616 Sentinel Mark II Regulator

BVR-500 Vacuum Regulators

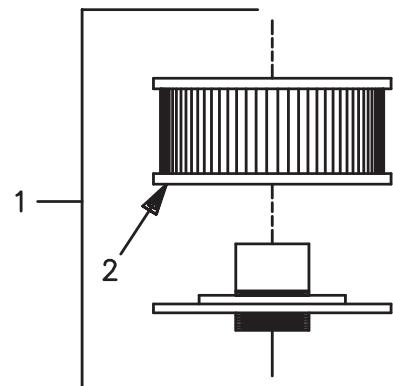
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| SECTION A | PAGE 29 |
| EFFECTIVE: 9/15/03 | |



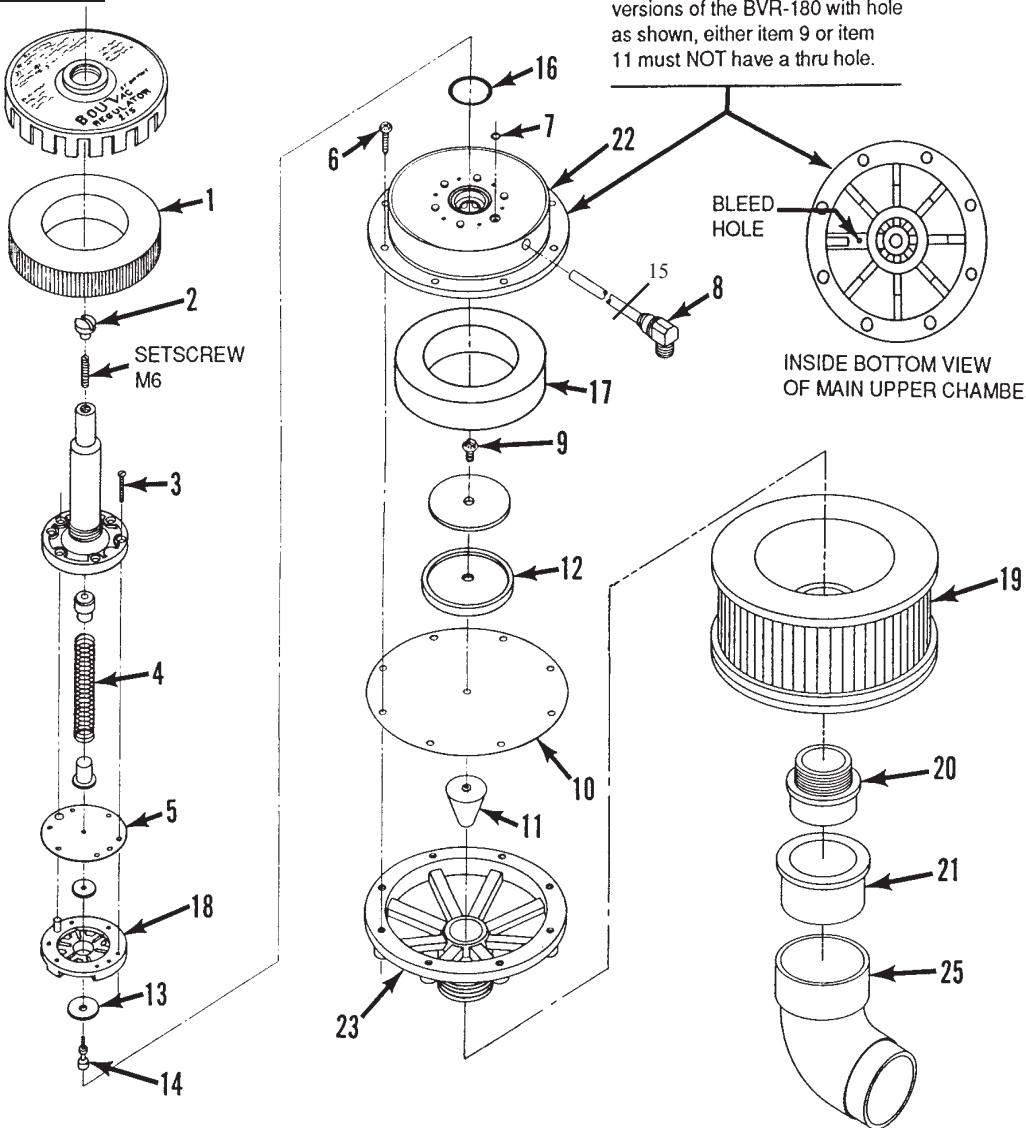
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY RQD |
|------|--------------------|-----------------------------|--|---------|
| --- | 8515868 | ⊗ | Kit, BVR-500, Regulator & Filter | 5868 |
| --- | 8515894 | ⊗ | Kit, BVR-500, w/2 Remotes | 5894 |
| 1 | 8515851 | | Kit, Bou-Vac, Filter (Includes Adapter, Disk & item 2) | 2 3 |
| 2 | 8511740 | | Filter, Air, 6.50 Dia x 3.00 | 2 3 |
| 3 | 8515869 | | Kit, Fitting (Includes items 8, 14 & two each of items 4-7) | 1 1 |
| 4 | 8515870 | | Adapter, PVC, SPXM, 1½ x 1¼ | 2 3 |
| 5 | 8515871 | | Bushing, Flush, PVC, 2 x 1½ | 2 3 |
| 6 | 8515872 | | Elbow, 90 Deg, PVC, Sch 40, 2" | 2 2 |
| 7 | 8515873 | | Bushing, Flush, PVC, 4 x 2, SPXH | 2 3 |
| 8 | 8515874 | | Tee, PVC, Sch 40, 4" | 1 1 |
| 9 | 8518663 | | Tee, PVC, Sch 40, 4 SxSxS | - 1 |
| 10 | 8515893 | ⊗ (n/s) | Mscr, Pnh, Brs, M5 x 10mm | 1 1 |
| 11 | 8515892 | | Gasket, Remote | 1 1 |
| 12 | ----- ¹ | | Regulator Assy, Master | 1 1 |
| 13 | ----- ² | | Regulator Assy, Remote | 1 - |
| 14 | ----- | | Literature 9E-643 (Installation and Operation Instructions) | ref ref |

Note:

1. Master Regulator Assy uses same repair parts as BVR-215 Regulator Assy (page A-34), except the master chamber (item 22) on the BVR-215 Regulator Assy cannot be used on the Master Regulator Assy.
2. Remote Regulator Assy uses same repair parts as BVR-215 Regulator Assy (page A-34), except:
 - items 1, 2, 4, 7, 8, 13, 14, 16, 18 & 22 (from page A-34).
 - brass screw (item 10) is used instead of the screw with hole (item 9) on the BVR-215.
 - remote gasket (item 11) is used instead of the pilot diaphragm (item 5) on the BVR-215.



BVR-180 & 215 Vacuum Regulators



| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|-------------|----------------------|--|-----------------------------------|
| - | 8511998 | Regulator Assy, Vac, BVR-180 | 998 |
| - | 8511880 | Regulator Assy, Vac, BVR-215 | 880 |
| - | 8516009 | Kit, Rgltr & Filter, BVR-215 (shown) | 009 |
| 1 | 8511947 | Filter, Air, 3.75 Dia x 0.69 | 1 1 1 |
| 2 | 8511925 | Screw, M6, Nylon | 1 1 1 |
| 3 | 8511923 | Screw, FLH, M3 x 20 MM | 6 6 6 |
| 4 | 8511943 | Spring, Compr, .500-.051 3.690 | 1 1 1 |
| 5 | 8511945 ¹ | Diaphragm, Pilot, Gray | 1 1 1 |
| | 8516074 | Diaphragm, Pilot, H.D. (Replaces 8511945 and 8511963) | 1 1 1 |
| 6 | 8511922 | TFSCR, PNH, Z10, 5 MM x 16 MM | 8 8 8 |
| 7 | 8511920 | O-ring, 3 MM x 1.5 MM, Buna-N | 1 1 1 |
| 8 | 8511921 | Tube Assy, Vac-Regulator (Includes 3 feet of item 15) | 1 1 1 |
| 9 | 8511928 | Screw, PNH, M5 x 10 MM, w/Hole | 1 1 1 |
| 10 | 8519048 | Diaphragm, Main, Bou-Vac | 1 1 1 |
| 11 | 8511918 | Valve, Main, Vac-Regulator | 1 1 1 |
| 12 | 8511929 | Washer, Backup, Diaphragm, Plstc | 1 1 1 |
| 13 | 8511881 | Disk, Valve | 1 1 1 |
| 14 | 8511882 | Valve, Pilot | 1 - - |
| 15 | 8516010 | Hose, Polye, .25 x .06 x 100 Ft | a/r a/r a/r |

| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|-------------|----------------------|---|-----------------------------------|
| - | 8511998 | Regulator Assy, Vac, BVR-180 | 998 |
| - | 8511880 | Regulator Assy, Vac, BVR-215 | 880 |
| - | 8516009 | Kit, Rgltr & Filter, BVR-215 (shown) | 009 |
| 16 | 8511919 | Seal | 1 - - |
| | 8511883 | O-ring, 0.870 x .060 | - 1 1 |
| 17 | 8511944 ² | Spring, Compr, 1.63-.063 1.75 | 1 - - |
| | 8511884 | Ring, Sponge | - 1 1 |
| 18 | 8511926 | Plate, Pilot Valve | 1 - - |
| | 8511885 | Plate, Pilot Valve | - 1 1 |
| 19 | 8515851 | Kit, Bou-Vac Filter (Parts on page A-35) | - - 1 |
| 20 | 8515870 | Adapter, PVC, SPXM, 1½ x 1¼ | - - 1 |
| 21 | 8515871 | Bushing, Flush, PVC, 2 x 1½ | - - 1 |
| 22 | 8511410 | Chamber, Main, BVR-180/215 | 1 1 1 |
| 23 | 8511411 | Base, Bou-Vac Rgltr | 1 1 1 |
| 24 | 8511948 | Kit, Repair, BVR-180/215 (Includes 1 each of items 1, 5, 7, 10, 16 & 17) | 1 1 1 |
| 25 | 8515872 | Elbow, 90 Deg, PVC, Sch 40, 2" | - - 1 |
| 26 | ----- | Literature 9P-381 (Installation Instructions) | ref ref ref |
| 27 | ----- | Literature 9P-382 (Owner Instructions) | ref ref ref |

Note:

1. **Important:** Unless diaphragm is accurately centered during assembly, vacuum level may fluctuate.
2. This item is not required on later assemblies of BVR-180.

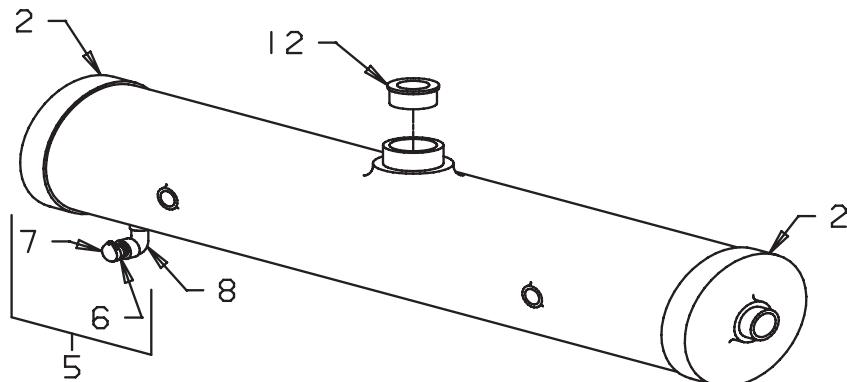
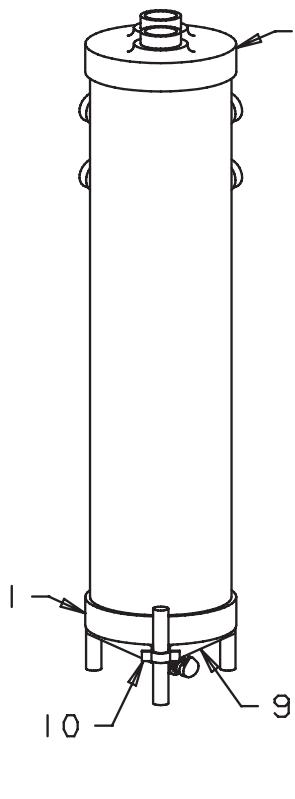
Distribution Tanks

30 & 40-Gallon Vertical & Horizontal Tanks

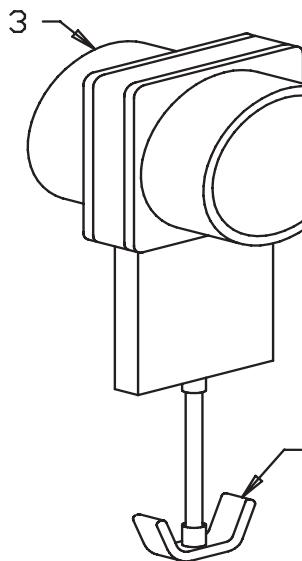
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|----------------------|-------------------|
| SECTION A | PAGE 31 |
| EFFECTIVE: 2/4/09 | |

| ITEM | PART NO. | DESCRIPTION | | | | | | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|--|-----|-----|-----|-----|-----|-----------------------------------|
| - | 8500893 | ⊗ Tank, Distribution, PVC, 40 Gal, Horiz | 893 | | | | | |
| - | 8519080 | Tank, Distribution, PVC, 30 Gal, Horiz | | 080 | | | | |
| - | 8519440 | Tank, Distribution, PVC, 40 Gal, Vert | | | 440 | | | |
| - | 8519081 | Tank, Distribution, PVC, 30 Gal, Vert | | | | 081 | | |
| - | 8508648 | Tank, Distribution, 40 Gal, Horiz, 3 / 4" | | | | | 648 | |
| - | 8508649 | Tank, Distribution, 40 Gal, Horiz, 4 / 6" | | | | | | 6149 |
| 1 | 8519084 | ⊗ Cap, End, DistTank, Bot, Vert | - | - | 1 | 1 | - | - |
| 2 | 8519085 | ⊗ Cap, End, DistTank, Horiz, 40 Gal | 2 | - | - | - | - | - |
| | 8519086 | ⊗ Cap, End, DistTank, Horiz, 30 Gal | - | 2 | - | - | - | - |
| 3 | 8519087 | ⊗ Cap, End, DistTank, Top, Vert, 30Ga | - | - | - | 1 | - | - |
| | 8519083 | ⊗ Cap, End, DistTank, Top, Vert, 40Ga | - | - | 1 | - | - | - |
| 4 | 8506167 | Label, Bou-Matic, 3.00 x 10.0 (not shown) | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 8505901 | Valve Assy, Drain, 1-1/4 NPT (Includes items 6 & 7) | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 8505902 | Body Assy, Drain-Valve | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | 8505903 | Flapper, Drain-Valve, Rubber | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 3553300 | Elbow, 90 Deg, St, PVC, 1-1/4 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 8519442 | Stand, Vertical Balance Tank | - | - | 1 | 1 | - | - |
| 10 | 8510417 | Clamp, Tube | - | - | 3 | 3 | - | - |
| 11 | ----- | Literature 9P-392 (Installation & Maintenance Instructions) | - | - | ref | ref | - | - |
| 12 | 8500894 ¹ | Bushing, Rdcg, PVC, 6 x 4 | 1 | - | - | - | - | 1 |

Note: 1. Needed only on installations where a 4" line is connected to a tank with a 6" top outlet.



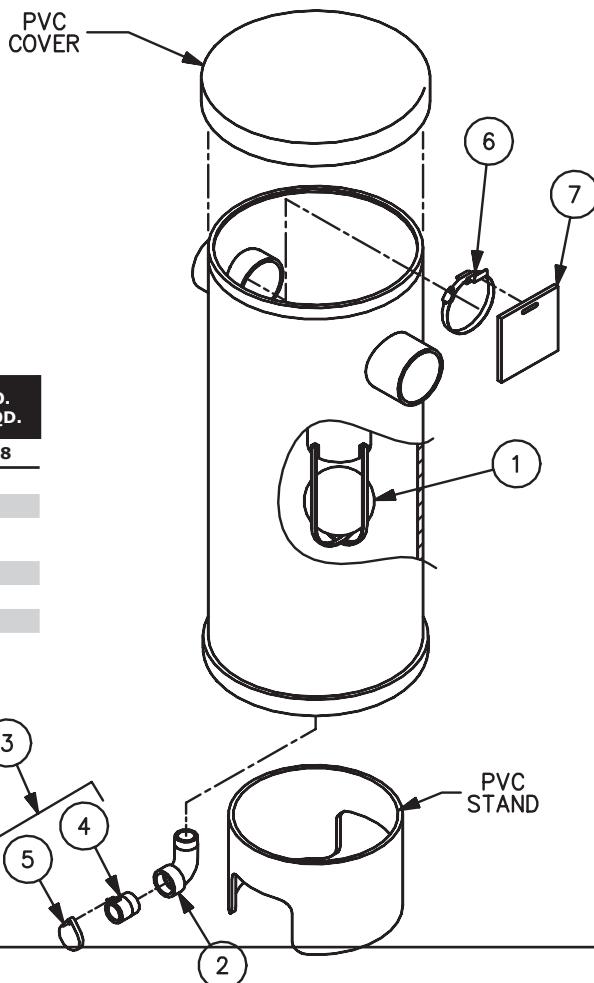
Gate Valves



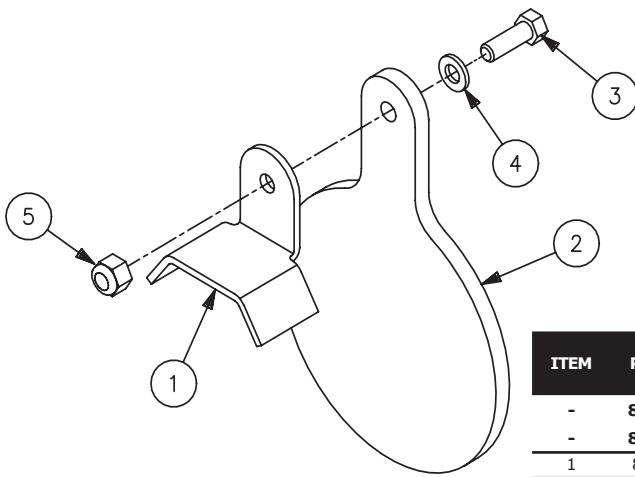
| ITEM | PART NO. | DESCRIPTION | | | | | | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|--|-----|-----|-----|-----|-----|-----------------------------------|
| - | 3554177 | Valve, Gate, 1.5 In ID, White | 177 | | | | | |
| - | 8517047 | Valve, Gate, 2 In ID | | 047 | | | | |
| - | 8517041 | Valve, Gate, 3 In ID | | | 041 | | | |
| - | 8507265 | Valve, Gate, 4 In ID | | | | 265 | | |
| - | 8516810 | Valve, Gate, 6 In ID | | | | | 810 | |
| 1 | 8518180 | Handle, Gate Valve | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 8518178 | ⊗ Kit, Seal, 2"Gate Valve (not shown) | - | a/r | - | - | - | - |
| | 8518179 | ⊗ Kit, Seal, 3"Gate Valve (not shown) Both include the following: 2 Seals, 2 Nuts, 4 Bolts | - | - | a/r | - | - | - |
| 3 | 8518181 | ⊗ Fitting, Flgd, 2"Gate Valve | - | 2 | - | - | - | - |
| | 8518182 | ⊗ Fitting, Flgd, 3"Gate Valve | - | - | 2 | - | - | - |

Interceptor

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | NO. REQD. |
|------|----------------|-----------------------------|--|--------------|
| | 8509548 | | INTERCEPTOR,4",W/STAND | 548 |
| 1 | 8511180 | ⊗ | Ball,Float,Plastic,5.00 dia | 1 |
| 2 | 3553300 | | Elbow,90 Deg,St,PVC,1-1/4 | 1 |
| 3 | 8505901 | | Valve Assy,Drain,1-1/4 NPT (Includes items 4 & 5) | 1 |
| 4 | 8505902 | | Body Assy,Drain-Valve | 1 |
| 5 | 8505903 | | Flapper,Drain-Valve,Rubber | 1 |
| 6 | 8509834 | | Pivot Assy,Flapper | 1 |
| 7 | 8509833 | | Flapper,Check Valve | 1 |



Exhaust Check Valve



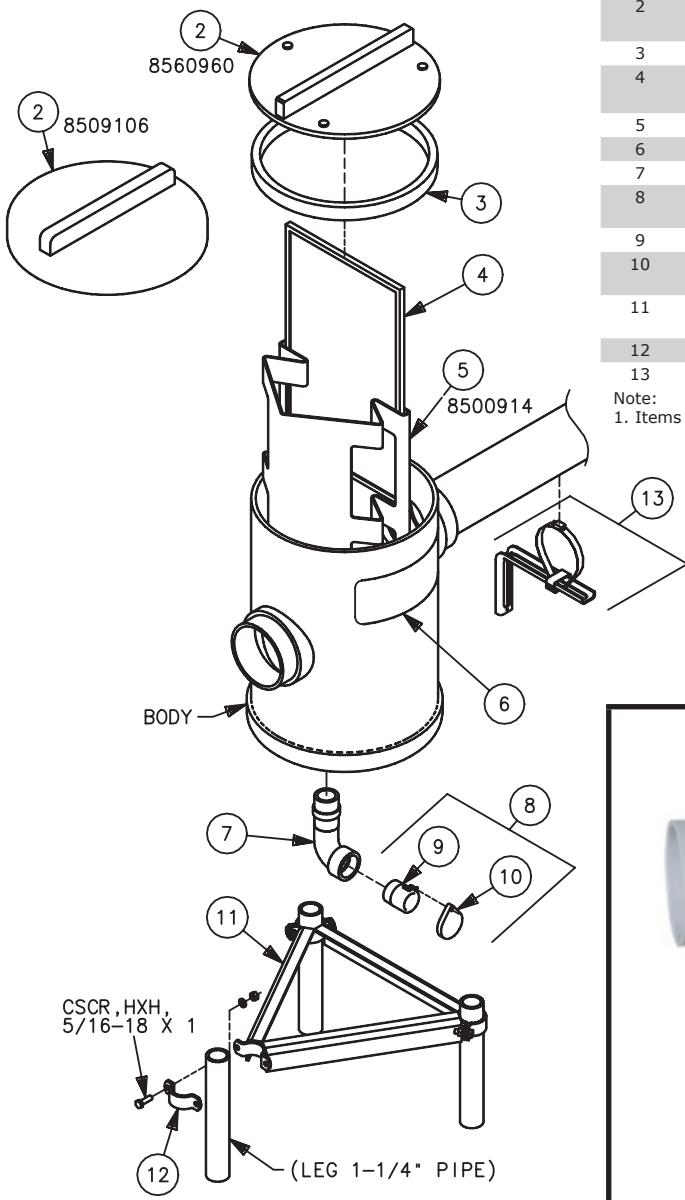
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | NO. REQD. |
|------|----------------|-----------------------------|--------------------------------|------------|
| - | 8511316 | | Valve, Exhaust Check,2",Rubber | 316 |
| - | 8511317 | | Valve, Exhaust Check,3",Rubber | 317 |
| 1 | 8511462 | | Bracket,Mtg,Exhaust Valve | 1 1 |
| 2 | 8511461 | | Flapper,Exhaust,Rubber | 1 1 |
| 3 | 1094008 | | MCSR,HXH,SS,1/4-20 X 3/4 | 1 1 |
| 4 | 1208471 | | Washer,Plain,SS,1/4 | 1 1 |
| 5 | 1222352 | | Nut,Lock,SS,1/4-20 | 1 1 |
| 6 | 8501422 | | Clamp,Hose,SS,#44,1.38-3.25 | 1 - |
| 7 | 8510105 | | Clamp,Hose,SS,#56,2.13-4.00 | - 1 |

PVC Vacuum Filter

| | |
|-----------------------|-------------------|
| SECTION A | PAGE 33 |
| EFFECTIVE: 8/28/18 | |

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | NO. REQD. |
|------|----------|-----------------------------|--|--------------|
| - | 8500910 | ⊗ | FILTER,VACUUM,PVC | 910 |
| - | 8507139 | | FILTER,VACUUM,PVC | 139 |
| 1 | | ----- | Literature 9P-116 (Installation Instructions) | ref |
| 2 | 8560960 | ⊗ | Lid, Vacuum Filter | 1 |
| | 8509106 | | Lid, Vacuum Filter, White | 1 |
| 3 | 8507137 | | Gasket, Vacuum Filter | 1 |
| 4 | 8507138 | ⊗ | Filter, Alum, Air, .44 x 11 x 18 | 1 |
| | 8501155 | | Filter, SS, Air, .44 x 11 x 18 | 1 |
| 5 | 8500914 | | Baffle, Vacuum-Filter, SS | 1 |
| 6 | 8506167 | | Label, Bou-Matic, 3.0 x 10 | 1 |
| 7 | 3553300 | | Elbow, 90 Deg, St, PVC, 1-1/4" | 1 |
| 8 | 8505901 | | Valve Assy, Drain, 1-1/4 NPT (Includes items 9 & 10) | 1 |
| 9 | 8505902 | | Body Assy, Drain-Valve | 1 |
| 10 | 8505903 | | Flapper, Drain-Valve, Rubber Not Supplied with Vacuum Filter: | 1 |
| 11 | 8500912 | 1 | Stand, Triangular (Includes hardware and item 12) | 1 |
| 12 | 8510417 | 1 | Clamp, Tube | 3 |
| 13 | 8510211 | 1 | L-Bracket Assy (Parts on page C40) | 2 |

Note:
1. Items not included with vacuum filter.



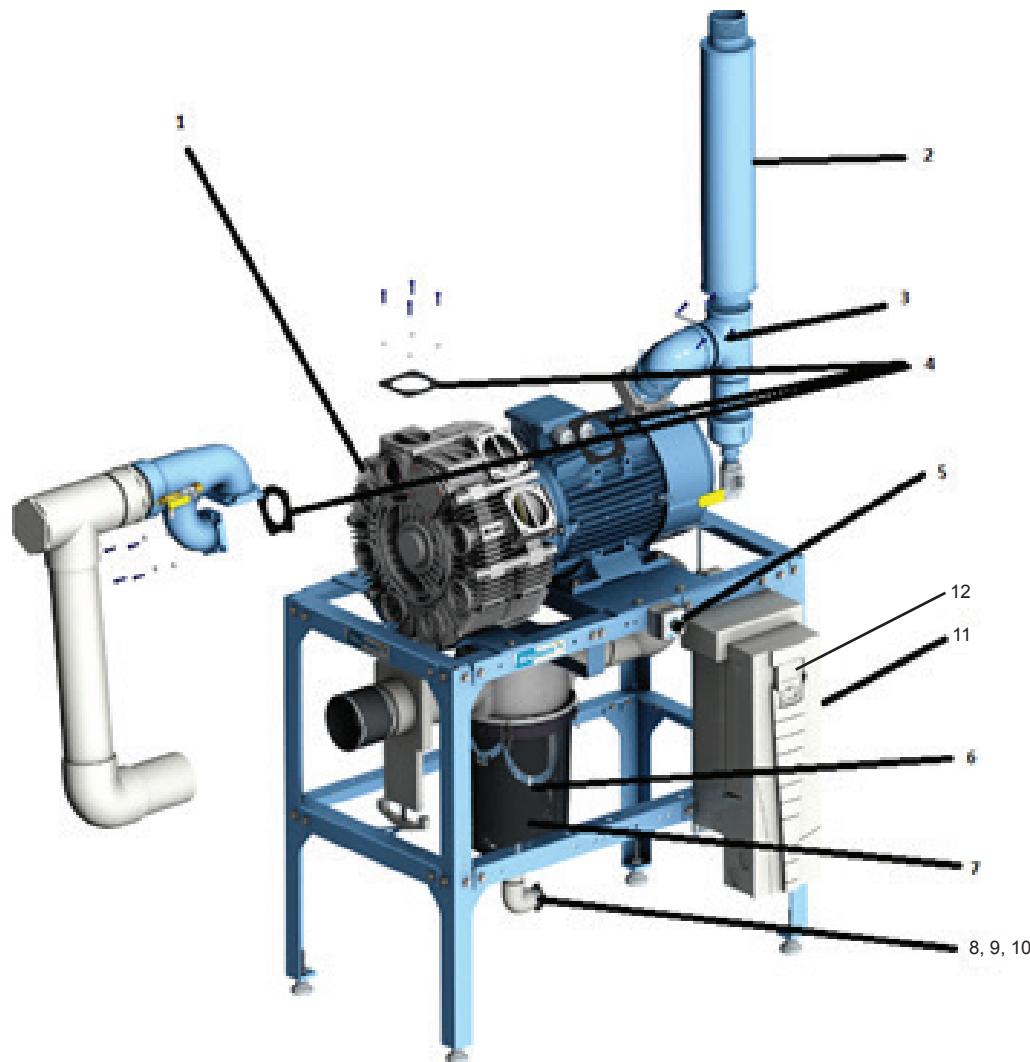
PVC Check Valve



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | NO. REQD. |
|------|----------|-----------------------------|-------------------------------|-----------|
| - | 14121 | ⊗ | Check Valve,2" PVC,CANPLAS | 121 |
| - | 14124 | ⊗ | Check Valve,3" PVC,CANPLAS | 124 |
| - | 8516075 | | Valve, Check, 3" PVC | 075 |
| - | 8516076 | | Valve, Check, 4" PVC | 076 |
| - | 8516077 | | Valve, Check, 6" PVC | 077 |
| 1 | 8501500 | ⊗ (n/s) | O-Ring, 3.125 x .139 | - - 1 - - |
| | 8591550 | | O-Ring, Flapper 4", New Style | - - - 1 - |
| | 8591551 | | O-Ring, Flapper 3", New Style | - - 1 - - |
| 2 | 14121 | | Check Valve,2" PVC,CANPLAS | - 1 - - - |
| 3a | 8501501 | | Flapper, Check Valve, 3" | - - 1 - - |
| 3b | 8501502 | | Flapper, Check Valve, 4" | - - - 1 - |
| 4 | 8591548 | | Flapper, 3", New Style | - - 1 - - |
| | 8591549 | | Flapper, 4", New Style | - - - 1 - |



Airtech RGB



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | NO. REQD. |
|------|----------------------|-----------------------------|--|--------------|
| - | 8592037 | | BLOWER ASSY, 10HP,CENT | 10 HP |
| - | 8592036 | | BLOWER ASSY, 20HP,CENT | 20 HP |
| 1 | 8592033 | | BLOWER,10HP,CENT | 1 |
| | 8592032 | | BLOWER,20HP,CENT | - |
| 2 | 8592338 | | SILENCER, AIRSTAR RGB | 1 |
| 3 | 8592336 | | SENSOR,TEMP, AIRSTAR RGB | 1 |
| 4 | 8592334 | | GASKET,AXIAL, AIRSTAR RGB | 2 |
| 5 | 8592337 | | SWITCH ASSY,FLUSH, AIRSTAR RGB | 1 |
| 6 | 8592034 | | FILTER ASSY,2.5IN,CENT BLOWER | 1 |
| | 8592040 | | FILTER ASSY,4IN,CENT BLOWER | - |
| 7 | 8592035 | | ELEMENT,FILTER,2.5IN,CENT BLWR | 1 |
| | 8592041 | | ELEMENT,FILTER,4IN,CENT BLOWER | - |
| 8 | 8505901 | | VALVE ASSY,DRAIN,1-1/4 NPT (Includes items 9 & 10.) | 1 |
| 9 | 8505902 | | BODY ASSY, DRAIN-VALVE | 1 or 1 |
| 10 | 8505903 | | FLAPPER, DRAIN-VALVE, RUBBER | |
| 11 | 8512709 | | CONT,20HP/3PH,10HP/1PH,230V | 1 or 1 |
| | 8512707 | | CONT,10HP/3PH,5HP/1PH,230V,ACS | - |
| | 8512711 | | CONT,10HP/3PH,500V,ACS550 | 1 |
| | 8512713 | | CONT,20HP/3PH,500V,AC550 | - |
| 12 | 8512732 ¹ | | KEYPAD, CONTROL, VFD, ACS-550 | 1 |

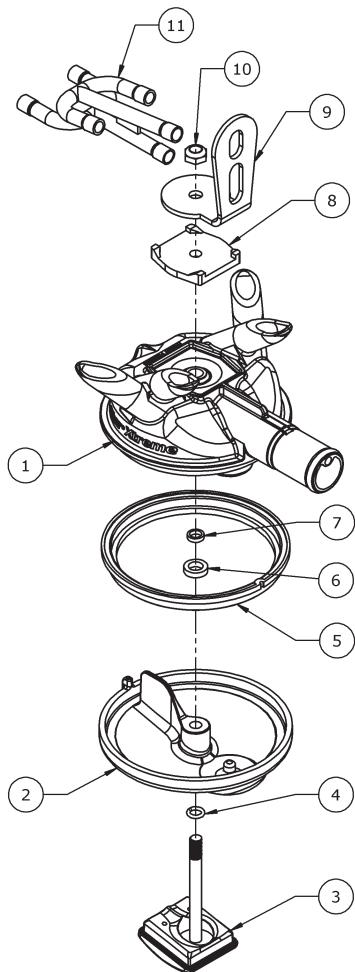
Note: 1. Software 2-7 (or higher)

Milkers & Accessories

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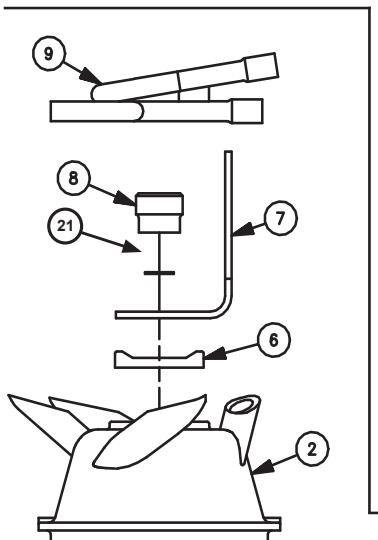
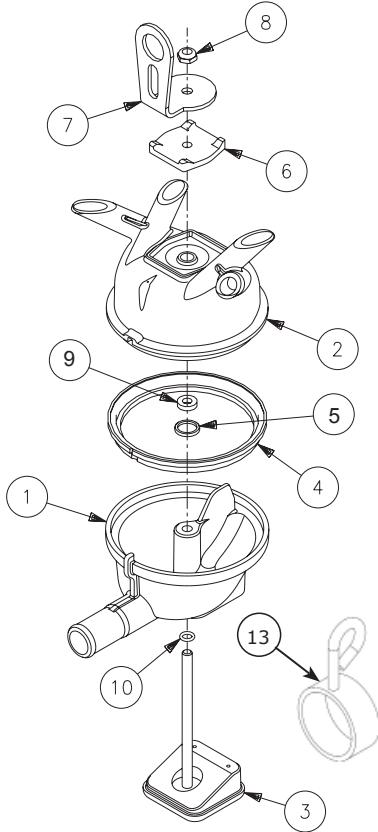
Flo-Star® Xtreme Claw Assemblies



| Item | Part No. | ⊗=Obsolete n/s=Not Shown | Description | Quantity Required (A/r = As Required) | | | |
|------|----------|-----------------------------|---|--|--------------|-----|-----|
| | 8593185 | | CLAW ASSY, F/S XTREME,.63 FORM | 3185 | | | |
| | 8593184 | ⊗ | CLAW ASSY, F/S XTREME,.63 | | Repl by 3185 | | |
| | 8596741 | | CLAW ASSY, F/S XTREME,.75 FORM | | 6741 | | |
| | 8593183 | ⊗ n/s | CLAW ASSY, F/S XTREME,.75 FORM | | 3183 | | |
| | 8593182 | ⊗ | CLAW ASSY, F/S XTREME,.75 | | Repl by 6741 | | |
| | 8593240 | | TOP,CLAW, F/S XTREME, .63 FORM | 1 | - | - | - |
| | 8593186 | ⊗ | TOP,CLAW, F/S XTREME, .63 (<i>Replace by 8593240</i>) | - | 1 | - | - |
| 1 | 8596740 | | TOP,CLAW, F/S XTREME, .75 FORM | - | - | 1 | - |
| | 8596740 | ⊗ n/s | TOP,CLAW, F/S XTREME, .75 FORM | - | - | 1 | - |
| | 8593175 | ⊗ | TOP,CLAW, F/S XTREME, .75 (<i>Replace by 8596740</i>) | - | - | - | 1 |
| 2 | 8593174 | | BOTTOM, CLAW,FLO-STAR,XTREME | 1 | 1 | 1 | 1 |
| 3 | 8593176 | | BMPR,STUD ASSY,FLO-STAR,XTREME | 1 | 1 | 1 | 1 |
| 4 | 8500726 | | O-ring,.239 X .070,Buna-N | 1 | 1 | 1 | 1 |
| 5 | 8506681 | | Gasket,Claw | 1 | 1 | 1 | 1 |
| 6 | 8513528 | | Gasket, Rubber, .31 x .50 x .12 | 1 | 1 | 1 | 1 |
| 7 | 8513527 | | Ring, .255 x .091, Spacer | 1 | 1 | 1 | 1 |
| 8 | 8515625 | | Adapter,Airfork | 1 | 1 | 1 | 1 |
| 9 | 8506839 | | Bracket,Air Fork | 1 | 1 | 1 | 1 |
| 10 | 1247365 | | Nut,Jam,Lock,Elas,SS,1/4-28 | 1 | 1 | 1 | 1 |
| 11 | 8583156 | | Airfork Assy,Narrow,Flared (n/s) | 1 | 1 | 1 | 1 |
| 12 | 8600916 | | KIT SERVICE,FLOSTAR X/MAX,10PK (<i>Includes 10 of items 4,5,6,7,10</i>) | a/r | a/r | a/r | a/r |
| | 3553452 | | Backflush Ring, 5/8" | a/r | a/r | - | - |
| 13 | 8594455 | ⊗ n/s | Backflush Ring, 5/8" | a/r | a/r | - | - |
| | 3557788 | | Backflush Ring, 3/4" | - | - | a/r | a/r |
| | 8594456 | ⊗ n/s | Backflush Ring, 3/4" | - | - | a/r | a/r |
| 14 | 8595287 | n/s | Hook, CIP, Xcal, FS Extreme | 1 | 1 | 1 | 1 |

Flo-Star® MAX Claw Assemblies

| | |
|---------------------|------------------|
| SECTION B | PAGE 3 |
| EFFECTIVE: 7/31/23 | |

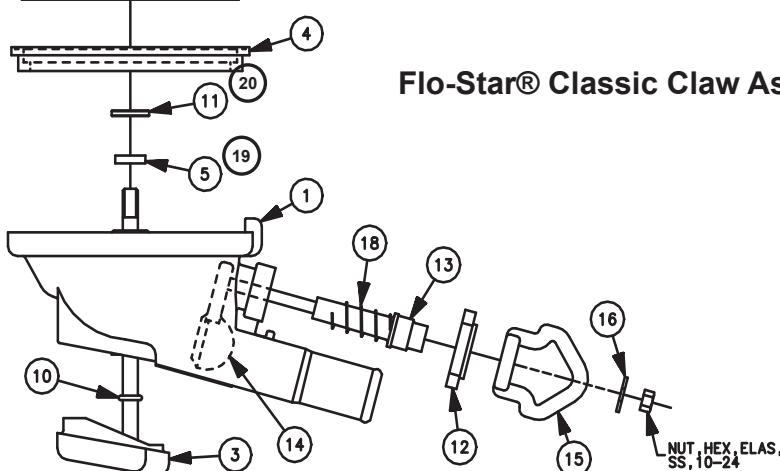


| Item | Part No. | Obsolete | Description | Quantity Required (a/r = As Required) | | | |
|------|----------------------|----------|--|--|-----|-----|-----|
| | 8512558 | | Claw Assy,F/S-MAX,.63 | 2558 | | | |
| | 8512559 | | Claw Assy,F/S-MAX,.75 | 2559 | | | |
| | 8513545 | | Claw Assy,F/S-MAX, Formed, .63 | 3545 | | | |
| | 8582821 | | Claw Assy,F/S-MAX, Formed, .75 | 2821 | | | |
| 1 | 8512528 | | Bottom,Claw,.63,Flo-Star-MAX | 1 | - | 1 | - |
| | 8512529 | | Bottom,Claw,.75,Flo-Star-MAX | - | 1 | - | 1 |
| 2 | 8512527 | | Top,Claw, Flo-Star-MAX | 1 | 1 | - | - |
| | 8513544 | | Top, Claw, Flo-Star-MAX, Formed | - | - | 1 | 1 |
| 3 | 8512556 | ⊗ | Bumper & Stud Assy,Flo-Star-MAX | 1 | 1 | 1 | 1 |
| 4 | 8506681 | | Gasket,Claw | 1 | 1 | 1 | 1 |
| 5 | 8506829 ¹ | ⊗ | Gasket,Sil.,.25 X .50 X .125 (Replaced by 8513528) | 1 | 1 | 1 | 1 |
| | 8513528 | | Gasket, Rubber, .31 x .50 x .12 | 1 | 1 | 1 | 1 |
| 6 | 8515625 | | Adapter,Airfork | 1 | 1 | 1 | 1 |
| 7 | 8506839 | | Bracket,Air Fork | 1 | 1 | 1 | 1 |
| 8 | 1247365 | | Nut,Jam,Lock,Elas,SS,1/4-28 | 1 | 1 | 1 | 1 |
| 9 | 8506768 ¹ | ⊗ | Ring,Reinforcement (Replaced by 8513527) | 1 | 1 | 1 | 1 |
| | 8513527 | | Ring, .255 x .091, Spacer | 1 | 1 | 1 | 1 |
| 10 | 8500726 | | O-ring,.239 X .070,Buna-N | 1 | 1 | 1 | 1 |
| 11 | 8511191 | ⊗ | Airfork Assy,Narrow (n/s) | 1 | 1 | 1 | 1 |
| | 8583156 | | Airfork Assy,Narrow,Flared (n/s) | 1 | 1 | 1 | 1 |
| 12 | 8600916 | | KIT SERVICE,FLOSTAR X/MAX,10PK Includes 10 of items 4, 5 (8513528), 6, 8, and 9 (8513527). | a/r | a/r | a/r | a/r |
| 13 | 3553452 | | Hanger,B/F,F-S 5/8" & V-C 3/4" | a/r | - | a/r | - |
| | 3557788 | | Hanger Assy,Backflush,F-S 3/4 | - | a/r | - | a/r |
| 14 | ----- | | Literature 9E-858 | a/r | a/r | a/r | a/r |

Note:

- When replacing the earlier silicon gasket (8506829) or reinforcement ring (8506768), replace both items using rubber gasket (8513528) and spacer ring (8513527).

Flo-Star® Classic Claw Assemblies



Flo-Star® Classic Claw Assemblies (Cont.)

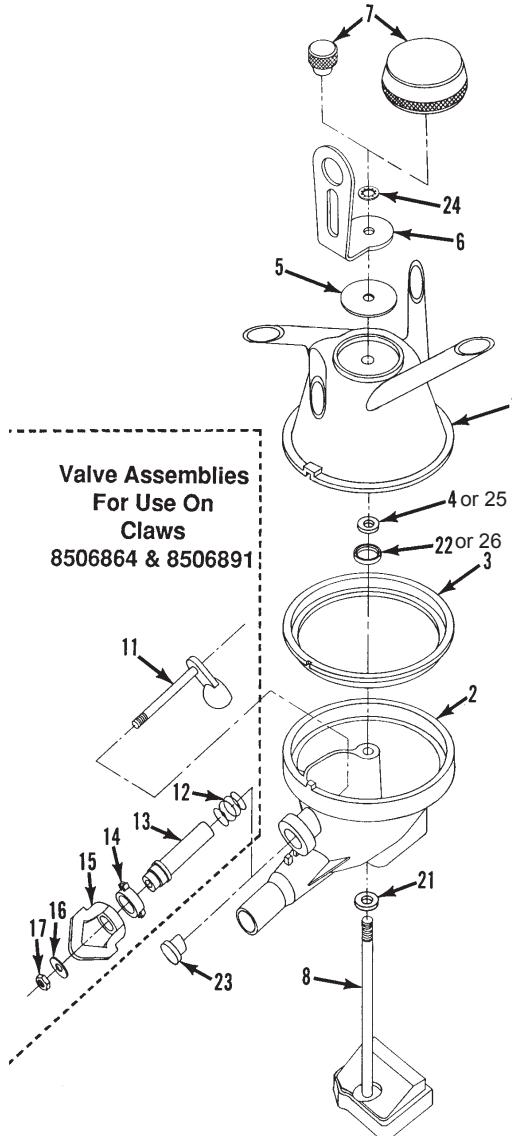
| Item | Part No. | ⊗= Obsolete | Description | Quantity Required (A/r = As Required) | | | | | | |
|------|----------------------|----------------|--|---------------------------------------|-----|-----|-----|-----|-----|-----|
| | 8515627 | ⊗ | Claw Assy, F-S, w/o Valve, CL | Repl by 0930 | | | | | | |
| | 8515886 | ⊗ | Claw Assy, F-S, w/Valve, CL | Repl by 0931 | | | | | | |
| | 8503685 | ⊗ | Claw Assy, .75, Std, F-S, w/o Vlv | Repl by 0929 | | | | | | |
| | 8504049 | ⊗ | Claw Assy, .75, Std Light, F-S | Repl by 0929 | | | | | | |
| | 8503797 | ⊗ | Claw Assy, F-S, w/o Valve, CL+ | Repl by 0930 | | | | | | |
| | 8503799 | ⊗ | Claw Assy, F-S, w/Valve, CL+ | Repl by 0931 | | | | | | |
| | 8510929 | ⊗ | Claw Assy, .75, Supr - N, F-S,L/Valve | 0929 | | | | | | |
| | 8510930 | ⊗ | Claw Assy, .63, Supr - N, F-S, L/Valve | 0930 | | | | | | |
| | 8510931 | ⊗ | Claw Assy, .63, Supr - N, F-S, W/Valve (shown) | 0931 | | | | | | |
| | 8512775 | | Claw Assy, .63, X/C, F-S, W/Valve, Formed | 2775 | | | | | | |
| 1 | 8517681 | ⊗ | Bottom, Claw, .63, w/o Valve, Wht | 1 | - | - | - | 1 | - | - |
| | 8517680 | | Bottom, Claw, .63, w/Valve, Wht | - | 1 | - | - | - | 1 | 1 |
| | 8503684 | ⊗ | Bottom, Claw, .75, Flo-Star | - | - | 1 | 1 | - | - | - |
| 2 | 8515626 | ⊗ | Top, Claw, F-Star, CL | 1 | 1 | - | 1 | - | - | - |
| | 8503682 | ⊗ | Top, Claw, Supreme, Flo-Star | 1 | 1 | 1 | - | 1 | 1 | - |
| | 8510908 | ⊗ | Top, Claw, Supreme, Flo-Star® | 1 | 1 | 1 | 1 | 1 | 1 | - |
| | 8513544 | | Top, Claw, Flo-Star Max, Formed | - | - | - | - | - | - | 1 |
| 3 | 8515622 | | Bumper & Stud Assy, 1/4-28, CL | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 8506681 | | Gasket, Claw | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 8506829 ¹ | ⊗ | Gasket, Sil, .25 x .50 x .125 (Replace by item #20) | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 8515625 | | Adapter, Airfork | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | 8506839 | | Bracket, Airfork | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 8506894 | | Knob, SS, 1/4-28 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| | 8506895 | | Weight, Claw, 1/4-28 (n/s) | - | - | - | - | - | - | - |
| | 1247365 | | Nut, Jam, Lock, Elas, SS, 1/4 - 28 | - | - | - | - | - | - | 1 |
| 9 | 8511191 | ⊗ | Air Fork Assy, Narrow | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 8583156 | | Air Fork Assy, Narrow, Flared | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 8500726 | | O-ring, 0.239 x .070, Buna-N | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 | 8506768 ¹ | ⊗ | Ring, Reinforcement (Replace by item #19) | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | 8506668 | | Retainer, Valve | - | 1 | - | - | - | 1 | 1 |
| 13 | 8506920 | | Sleeve, Valve, Claw | - | 1 | - | - | - | 1 | 1 |
| 14 | 8506899 | | Valve Assy | - | 1 | - | - | - | 1 | 1 |
| 15 | 8506669 | | Handle, Valve | - | 1 | - | - | - | 1 | 1 |
| 16 | 8506696 | | Wshr, SS, .203 x .563 x .048 | - | 1 | - | - | - | 1 | 1 |
| 17 | 8506914 | | Brush, Flo-Star (n/s) | - | 1 | - | - | - | 1 | 1 |
| 18 | 8506693 | | Spring, Compr, .468-.016 | - | 1 | - | - | - | 1 | 1 |
| 19 | 8513527 | | Ring, .255 x .091, Spacer | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 20 | 8513528 | | Gasket, Rubber, .31 x .50 x .12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 21 | 1235386 | | Washer, Lock, Intl-T, SS, 1/4 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 22 | 8506723 | | Kit, Service, FloStar W/O Valve, 10-pack (Includes 10 of 4,6,10,20, 21 & other hardware) | - | a/r | - | - | - | a/r | - |
| 23 | 8506724 | | Kit, Service, FloStar W/Valve, 10-pack (Includes 10 of 4,6,10, 12, 14, 18 - 21 and other hardware) | a/r | - | a/r | a/r | a/r | - | a/r |
| 24 | 8515889 | ⊗ | Kit, Top, Claw, F-S, CL (Includes items 2 (Classic), 3, 6 & 9) | a/r | a/r | a/r | a/r | a/r | a/r | - |
| 25 | 8513546 | ⊗ | Kit, Top, Claw, Max/Original, Formed (Includes items 2 (Max), 3, 6 & 9) | a/r | a/r | a/r | a/r | a/r | a/r | - |
| 26 | ----- | | Literature 9ES-449 (Installation instructions) | a/r | a/r | a/r | a/r | a/r | a/r | a/r |

Note:

- When replacing the earlier silicon gasket (8506829) or reinforcement ring (8506768), replace both items using rubber gasket (8513528) and spacer ring (8513527).

Flo-Star Original Claw Assemblies

| | |
|---------------------|------------------|
| SECTION B | PAGE 5 |
| EFFECTIVE: 5/12/23 | |



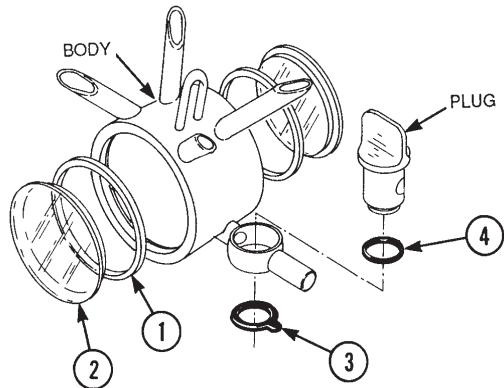
| Item | Part No. | ⊗= Obsolete | Description | QTY REQUIRED (a/r=As Required) | | | |
|------|---|-------------|--|-----------------------------------|-----|-----|-----|
| | 8506848 | ⊗ | Claw Assy, Light, w/o Valve | Repl by 8510930 | | | |
| | 8506890 | ⊗ | Claw Assy, SS, w/o Valve | 6890 | | | |
| | 8506864 | ⊗ | Claw Assy, Light, w/Valve | Repl by 8510931 | | | |
| | 8506891 | ⊗ | Claw Assy, SS, w/Valve | 6891 | | | |
| 1 | 8506888 | ⊗ | Top, Claw | 1 | 1 | 1 | 1 |
| or | 8503683 | ⊗ | Top, Claw, Break Resistant (darker in color) | 1 | 1 | 1 | 1 |
| | 8510909 | ⊗ | Top, Claw, Supreme, Original, Flo-Star® | 1 | 1 | 1 | 1 |
| 2 | 8517681 | ⊗ | Bottom, Claw, .63, w/o Valve, White | 1 | - | - | - |
| | 8506925 | ⊗ | Bottom, Claw, Mach, SS, w/o Valve | - | 1 | - | - |
| | 8517680 | | Bottom, Claw, .63, w/Valve, White | - | - | 1 | - |
| | 8506923 | ⊗ | Bottom, Claw, Mach, SS, w/Valve | - | - | - | 1 |
| 3 | 8506681 | | Gasket, Claw | 1 | 1 | 1 | 1 |
| 4 | 8506829 ¹ | ⊗ | Gasket, Sil, .25 x .50 x .125 | 1 | 1 | 1 | 1 |
| 5 | 8506817 | | Gasket, Rbr, .25 ID x 1.50 OD | 1 | 1 | 1 | 1 |
| 6 | 8506839 | | Bracket, Air Fork | 1 | 1 | 1 | 1 |
| 7 | 8506894 or 8506895 or 1247365 | | Knob, SS, 1/4-28 Weight, Claw, 1/4-28 Nut, Jam, Lock, Elas, SS, 1/4-28 (n/s) | 1 | 1 | 1 | 1 |
| 8 | 8506893 | ⊗ | Bumper & Stud Assy, 1/4-28 (Indirect replacement is 8515889 (Classic), See Page B-3) | 1 | 1 | 1 | 1 |
| 9 | - - - - - | | Literature 9ES-449 | ref | ref | ref | ref |
| 10 | 8506723 | | Kit, Service, FloStar W/O Valve, 10-pack (n/s) | a/r | a/r | a/r | a/r |
| 11 | 8506899 | | Valve Assy | - | - | 1 | 1 |
| 12 | 8506693 | | Spring, Compr, .468-.016 .92 | - | - | 1 | 1 |
| 13 | 8506920 | | Sleeve, Valve, Claw | - | - | 1 | 1 |
| 14 | 8506668 | | Retainer, Valve | - | - | 1 | 1 |
| 15 | 8506669 | | Handle, Valve | - | - | 1 | 1 |
| 16 | 8506696 | | Wshr, SS, .203 x .563 x .048 | - | - | 1 | 1 |
| 17 | 1222379 | | Nut, Lock, Elas, SS, 10-24 | - | - | 1 | 1 |
| 18 | - - - - - | | Literature 9E-491 | - | - | ref | ref |
| 19 | 8506929 | ⊗ | Kit, Plstc Bot, w/'D' Sleeve (n/s) (Includes item 2 [8506921] & item 13) | - | - | 1 | - |
| 20 | 8506930 | ⊗ | Kit, SS Bottom, w/'D' Sleeve (n/s) (Includes item 2 [8506923] & item 13) | - | - | - | 1 |
| 21 | 8500726 | | O-ring, 0.239 x .070, Buna-N | 1 | 1 | 1 | 1 |
| 22 | 8506768 ¹ | ⊗ | Ring-Reinforcement | 1 | 1 | 1 | 1 |
| 23 | 8506931 | | Plug, Rubber, Claw Bottom, D-Shaped | 1 | - | - | - |
| | 8506276 | | Plug, Rubber, Claw Bottom, Round | 1 | - | - | - |
| 24 | 1235386 | | Washer, Lock, Intl-T, SS, 1/4 | 1 | 1 | 1 | 1 |
| 25 | 8513527 | | Ring, .255 x .091, Spacer | 1 | 1 | 1 | 1 |
| 26 | 8513528 | | Gasket, Rubber, .31 x .50 x .12 | 1 | 1 | 1 | 1 |

Note:

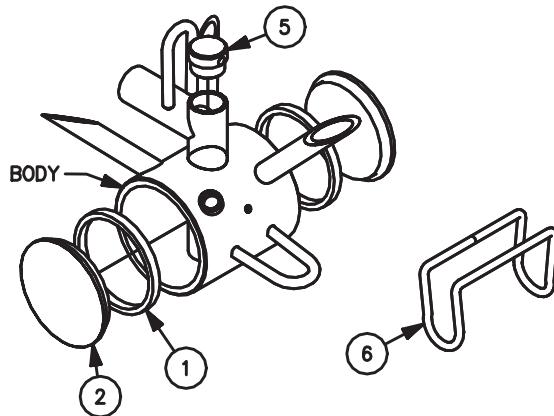
- When replacing the earlier silicon gasket (8506829) or reinforcement ring (8506768), replace both items using rubber gasket (8513528) and spacer ring (8513527).

Claw Assemblies

Visi, Wide, Para, Para-TU and Herr-TU



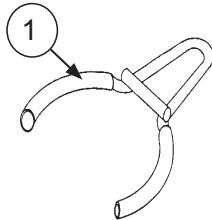
Visi w/ shutoff



Herr-TU

| Item | Part No. | ⊗= Obsolete | Description | Quantity Required (a/r = As Required) | | | | | | | |
|------|----------|-------------|-------------------------------|---------------------------------------|---|---|---|---|-----|-----|-----|
| | 8500142 | ⊗ | Claw, Visi | Repl by 8516240 | | | | | | | |
| | 8500171 | ⊗ | Claw, Visi, w/Shutoff (shown) | 0171 | | | | | | | |
| | 8500238 | ⊗ | Claw, Wide | Repl by 8516240 | | | | | | | |
| | 8500240 | ⊗ | Claw, Wide, w/Shutoff | 0240 | | | | | | | |
| | 8500186 | ⊗ | Claw Assy, Visi, w/Handle | 0186 | | | | | | | |
| | 8516238 | ⊗ | Claw Assy, Para | 6238 | | | | | | | |
| | 8516240 | ⊗ | Claw Assy, Visi, Mid | 6240 | | | | | | | |
| | 8516290 | ⊗ | Claw Assy, Para-TU | 6290 | | | | | | | |
| | 8501295 | ⊗ | Claw Assy, Herr-TU (shown) | 1295 | | | | | | | |
| 1 | 8500102 | | Gasket, Claw | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2 | 8500103 | | Cover, Claw | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 8500188 | | Gasket, Shutoff-Valve | - | 1 | - | 1 | - | - | - | - |
| 4 | 3551204 | | O-ring, 1.049 x .103, Buna-N | - | 1 | - | 1 | - | - | - | - |
| | 8500272 | | O-ring, 0.921 x .139, Buna-N | - | 2 | - | 2 | - | - | - | - |
| 5 | 8501244 | ⊗ | Plug, T.U. | - | - | - | - | - | - | 1 | 1 |
| 6 | 8501164 | ⊗ | Retainer, 3", Backflush | - | - | - | - | - | a/r | a/r | a/r |

Claw Hanger Assembly



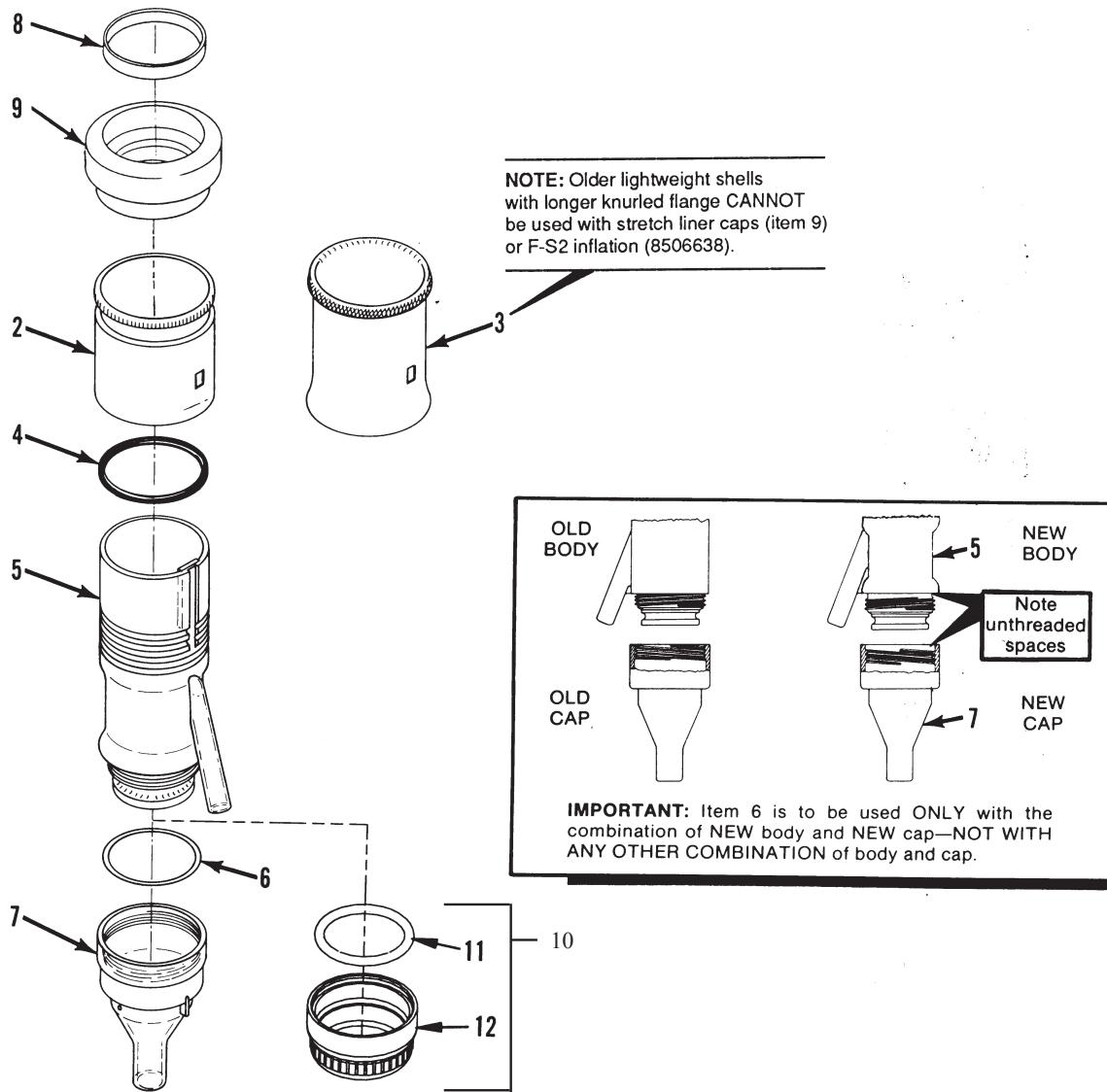
| Item | Part No. | ⊗= Obsolete | Description | Qty. Req. (a/r = As Required) |
|------|----------------------|-------------|--------------------------------------|----------------------------------|
| | 8506832 | | Hanger Assy, Claw | - |
| 1 | 8506904 ¹ | ⊗ | Hose, Vinyl, .25 x .125 Black/White | a/r |
| | 41603932C | | Tube, Vacuum, Single, 9/32" X 100 Ft | a/r |

Notes:

1. Replaced by 40163932C. Note that this is a 100-foot roll.

Visi-Shell Assemblies

| | |
|-----------------------|------------------|
| SECTION B | PAGE 7 |
| EFFECTIVE: 1/28/22 | |



| ITEM | PART NO. | ⊗=Obsolete | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|---------|----------|------------|---|-----------------------------------|------|
| 8510943 | ⊗ | | Shell Assy, Visi, Std-Weight | 0943 | |
| 8506580 | ⊗ | | Shell Assy, Visi, Light-Weight | | 6580 |
| 1 | - - - - | | Literature 9P-297 (Assy. Instr.) | ref | ref |
| 2 | 8506553 | ⊗ | Weight, Visi-Shell, Standard | 1 | - |
| 3 | 8506647 | ⊗ | Weight, Visi-Shell, Light | - | 1 |
| 4 | 8506554 | | O-ring, 1.421 x .139, Silicone | 1 | 1 |
| 5 | 8510941 | | Body, Visi-Shell, Supreme | 1 | 1 |
| 6 | 8506566 | | O-ring, 1.364 x .070, Silicone | 1 | 1 |
| 7 | 8510942 | | Cap, Visi-Shell, Supreme | 1 | 1 |
| 8 | 8506502 | ⊗ | Ring, Visi-Cup, SS | 1 | 1 |
| or | 8501640 | ⊗ | Ring, Visi-Cup, Plstc | | |
| 9 | 8506504 | ⊗ | Cap, Visi-Cup, Rubber | 1 | 1 |
| | 8506750 | ⊗ | Cap, Liner, Fluted, Rubber | | |
| 10 | 8502365 | ⊗ | Kit, Cap O-Ring, Visi One (includes items 11 & 12) | a/r | a/r |
| 11 | 8501936 | | O-Ring, 1.046 x .139, Silicone | 1 | 1 |
| 12 | 8502190 | | Cap, Visi One | 1 | 1 |

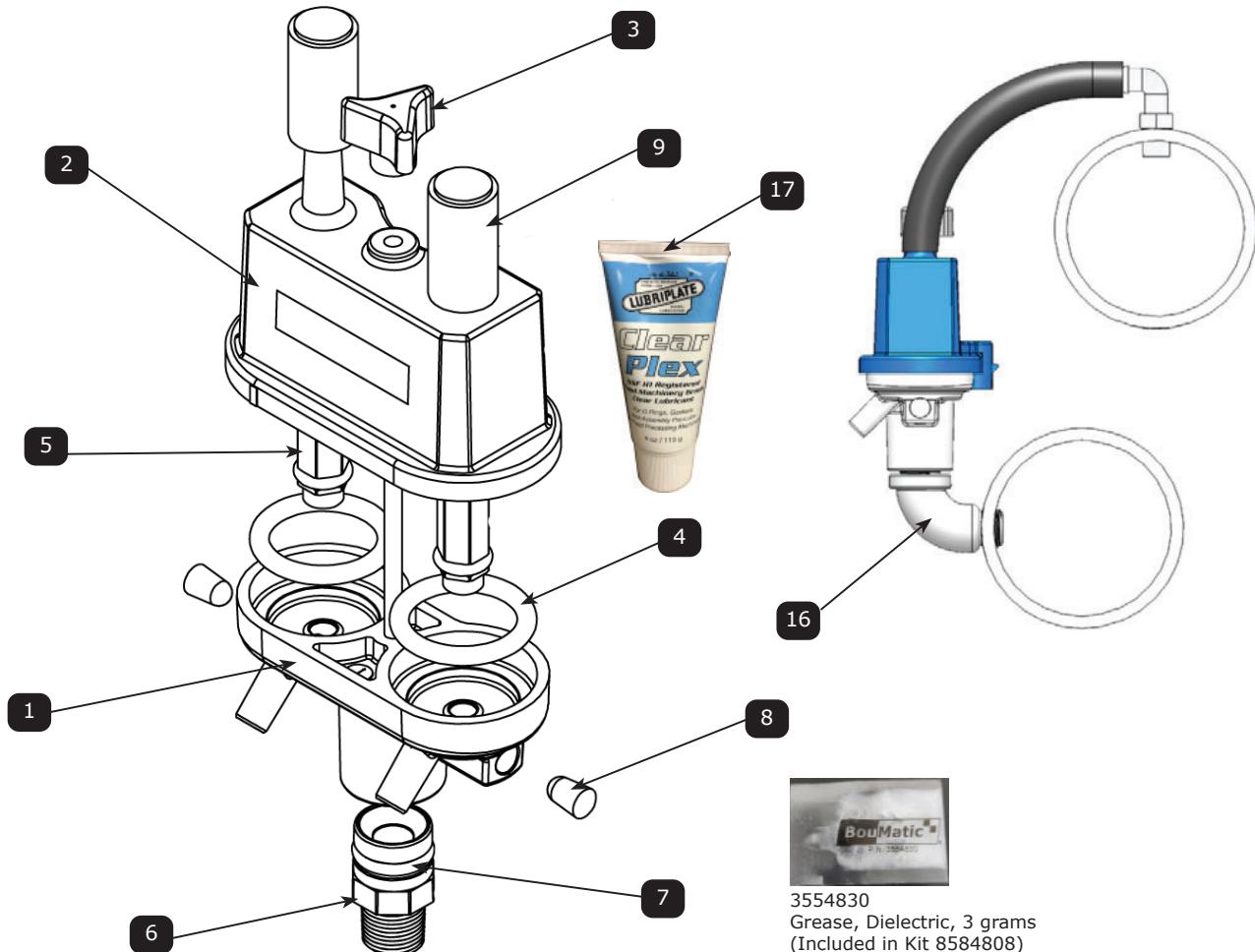
NOTE: Items 8-12 are not supplied with Shell Assemblies.

HiFlo™ Evolution Pulsator Assembly

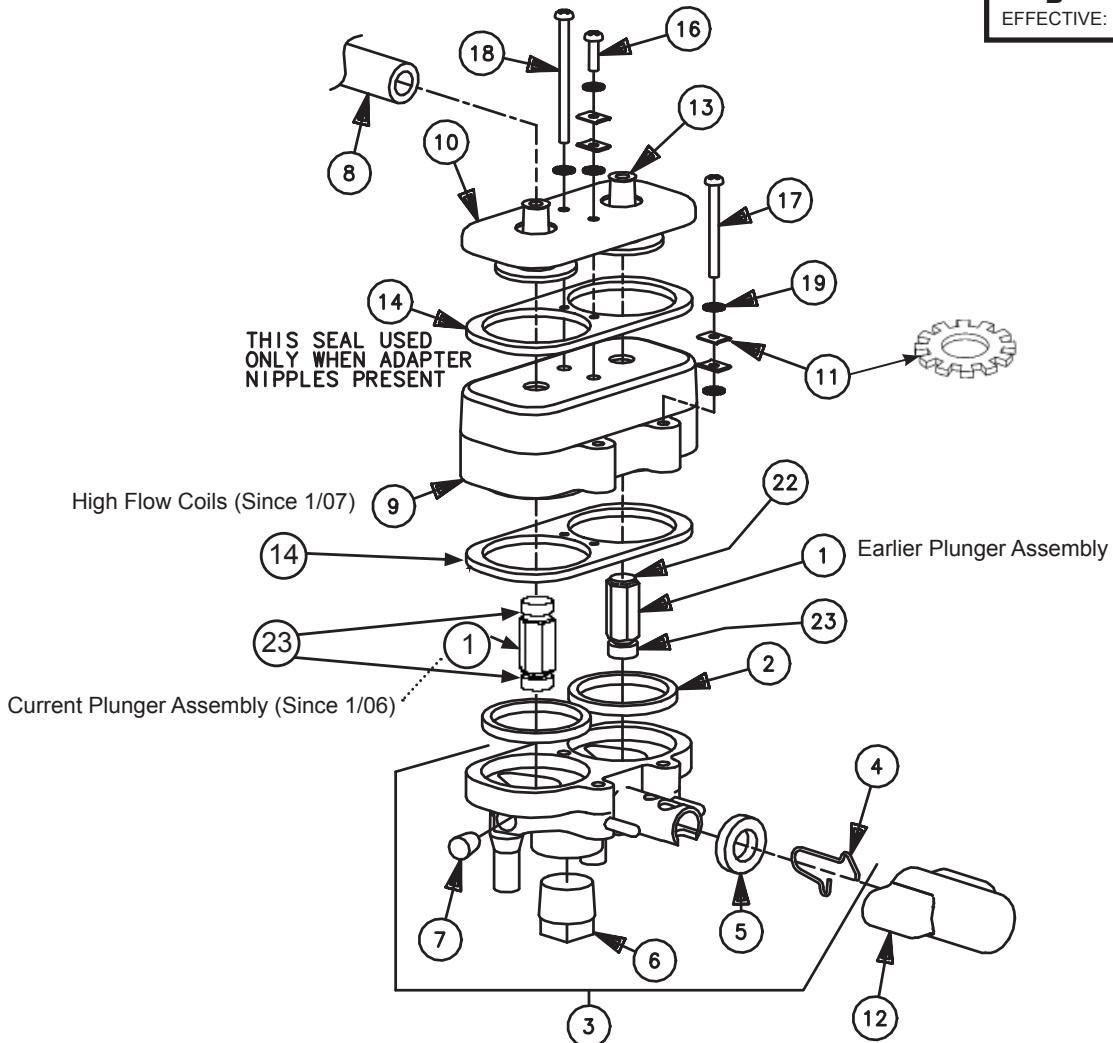
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------------|-----------------------------|--|-----------------------------------|
| | 8583219 | | Pulsator Assy, HiFlo Evolution | 3219 |
| 1 | 8583220 | | Body, Pulsator | 1 |
| 2 | 8583221 | | Solenoid Coil, Puls | 1 |
| 3 | 8583227 | | Knob, Clamp, 10-32 Unf-2B | 1 |
| 4 | 8583225 ¹ | | O-Ring, Pulsator Body | 2 |
| 5 | 8583222 | | Armature Assy | 2 |
| 6 | 8583223 | | Adapter, Vacuum Line | 1 |
| 7 | 4014034 | | O-Ring, Adapter | 1 |
| 8 | 8518934 | | Plug, Int, Rbr, 0.31 | 2 |
| 9 | 8583502 | | Filter, Foam, With Solid Cap | 2 |
| 10 | 8506805 | n/s | Hose, Vinyl, 0.38 x 1.25W, Blk, Wht | a/r |
| 11 | 3553790 | n/s | Elbow, 90, Nyl, 1/4 NPT x 3/8 Hose | 2 |
| 12 | 8584808 | n/s | Kit, Service, Hi-Flo EVO Pulsator <i>(Includes 3 grams dielectric grease in packet 3554830; and Items 4, 5, 7, and 8)</i> | 1 |
| 13 | 8585345 | n/s | Wire Harness, Puls, 12 Stall, 30 in. | a/r |
| 14 | 8586519 | n/s | Wire Harness, Puls, 12 Stall, 44 in. | a/r |
| 15 | 3559777 | n/s | Cable Assy, Pulsator, 72 in. | a/r |
| | 8595332 | n/s | Cable Assy, Pulsator, 2.6 M | a/r |
| 16 | 8587113 | | ELBOW,STREET,90,SCH80,NYL,3/8 | a/r |
| 17 | 3552676 ¹ | | Lubricant, Grease, O-ring | a/r |

Note:

1. Lubricate item 4 with item 17 before assembly.



Electric Twin Pulsators Pulsator Repair Kits

 SECTION **B** PAGE **9**
 EFFECTIVE: 5/12/23


| Item | Part No. | Obsolete | Description | Quantity Required (a/r = As Required) | | | | | | | | | | |
|---------|----------|----------|--|---------------------------------------|------|------|------|------|------|------|----|----|---|---|
| 8518936 | ⊗ | | Pulsator Assy, Twin | 8936 | | | | | | | | | | |
| 8518294 | | | Pulsator Assy, Twin, Non-Filtered Air, High Flow | | 8294 | | | | | | | | | |
| 8514076 | ⊗ | | Assy, Twin, Filtered Air (Replaced by 8512564) | | | 4076 | | | | | | | | |
| 8514077 | ⊗ | | Pulsator Assy, Twin | | | 4077 | | | | | | | | |
| 8518900 | ⊗ | | Pulsator Assy, Twin | | | 8900 | | | | | | | | |
| 8512564 | | | Pulsator Assy, Twin, Filtered Air, High Flow | | | | 2564 | | | | | | | |
| 8519015 | | | Kit, Service, Hi-Flo Classic Puls. | | | | 9015 | | | | | | | |
| 8518943 | ⊗ | | Kit, Repair, Elec Puls, Pk of 10 (Replaced by 8582929) | | | | 8943 | | | | | | | |
| 8509317 | ⊗ | | Kit, Repair, Plunger, 12, El. Puls. (Replaced by 8582929) | | | | | 9317 | | | | | | |
| 8509321 | ⊗ | | Kit, Repair, Single, Comp, El. Puls. | | | | | | 9321 | | | | | |
| 8582929 | ⊗ | | Kit, Repair, Hi-Flo (Replaced by 8519015) | | | | | | | 2929 | | | | |
| 1 | 8518949 | | Plunger Assy, Pulsator (Includes rubber parts) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 20 | 48 | 2 | 2 |
| 2 | 8518206 | | O-ring, Square-Wall, 1-5/8 OD | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 20 | 24 | 2 | 2 |
| 3 | 8518945 | ⊗ | Body Assy, Twin Pulsator | - | - | - | - | - | - | - | - | - | - | - |
| | 8512565 | | Body Assy, Pulsator, High Flow | 1 | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - |

Electric Twin Pulsator Pulsator Repair Kits (Cont.)

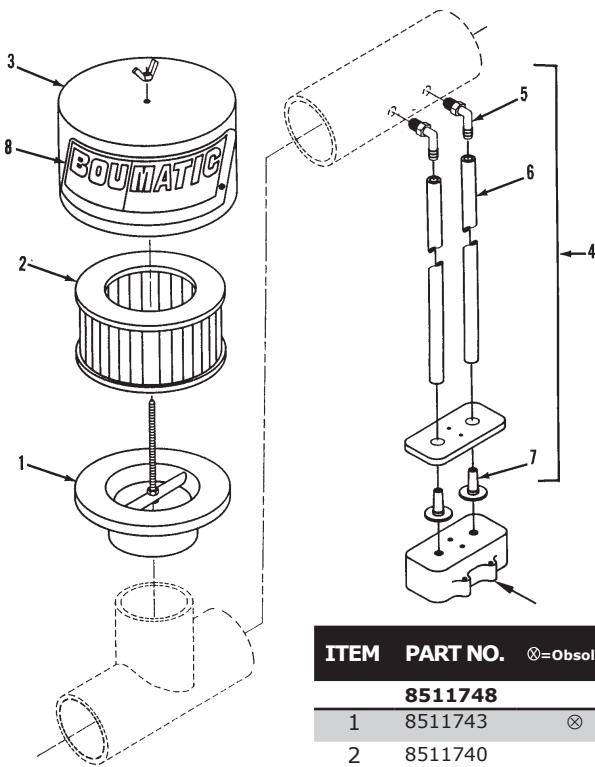
| Item | Part No. | ⊗= Obsolete | Description | Quantity Required (A/r = As Required) | | | | | | | | | | |
|------|----------------------|-------------|---|---------------------------------------|------|------|------|------|------|------|------|------|------|------|
| | 8518936 | ⊗ | Pulsator Assy, Twin | 8936 | | | | | | | | | | |
| | 8518294 | | Pulsator Assy, Twin, Non-Filtered Air, High Flow | | 8294 | | | | | | | | | |
| | 8514076 | ⊗ | Assy, Twin, Filtered, Air (Replaced by 8512564) | | | 4076 | | | | | | | | |
| | 8514077 | ⊗ | Pulsator Assy, Twin | | | | 4077 | | | | | | | |
| | 8518900 | ⊗ | Pulsator Assy, Twin | | | | | 8900 | | | | | | |
| | 8512564 | | Pulsator Assy, Twin, Filtered Air, High Flow | | | | | | 2564 | | | | | |
| | 8519015 | | Kit, Service, Hi-Flo Classic Puls. | | | | | | | 9015 | | | | |
| | 8518943 | ⊗ | Kit, Repair, Elec Plsr, Pk of 10 (Replaced by 8582929) | | | | | | | | 8943 | | | |
| | 8509317 | ⊗ | Kit, Repair, Plunger, 12, El. Puls (Replaced by 8582929) | | | | | | | | | 9317 | | |
| | 8509321 | ⊗ | Kit, Repair, Single, Comp, El. Puls. | | | | | | | | | | 9321 | |
| | 8582929 | ⊗ | Kit, Repair, Hi-Flo (Replaced by 8519015) | | | | | | | | | | | 2929 |
| 4 | 8519082 | | Spring, Pulsator | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | - | 1 | - |
| 5 | 8518912 | | O-ring, Square-Wall, 7/8 OD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | 24 | 1 | 1 |
| 6 | 8518937 | | Plug, Int, Plstc, 0.50 | 1 | 1 | 1 | 1 | - | 1 | - | - | - | 1 | - |
| | 8505605 | | Plug, Ext, Rbr, 0.40 | - | - | - | - | - | 1 | - | 1 | 10 | - | 1 |
| 7 | 8518934 | | Plug, Int, Rbr, 0.31 | 2 | 2 | 2 | 2 | - | 2 | 2 | 20 | 24 | 2 | 2 |
| | 8518931 | | Plug, Int, Rbr, 0.25 | - | - | - | - | 2 | - | 2 | 20 | - | 2 | - |
| | 8501005 | | Plug, Int, Rbr, 0.31, Flg (n/s) | - | - | - | - | 1 | - | - | - | - | 2 | - |
| 8 | 8506805 | | Hose, Vinyl,.38 x .125W, Blk/Wht (n/s) | - | - | - | - | - | a/r | - | - | - | - | - |
| 9 | 8519016 | ⊗ | Coil Assy (Repl by 8512562) | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 8512562 | | Coil Assy, High Flow | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 8518974 | ⊗ | Coil & Cover Assy (Repl by 8512562 & 8518920) | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 8518980 | ⊗ | Coil Assy, Pulsator (Repl by 8512562 & 8518920) | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 8512566 | | Coil Kit, Pulsator, High Flow (Includes 2 of 8518949) | - | - | - | - | - | 1 | - | - | - | - | - |
| 10 | 8518920 ¹ | | Cover, Pulsator | 1 | 1 | - | - | 1 | - | - | - | - | - | - |
| | 8514075 ¹ | | Cover, Pulsator, Open (shown) | - | - | 1 | 1 | - | 1 | - | - | - | - | - |
| 11 | 8518938 | ⊗ | Clip, Wire (Repl by 1249382) | 6 | 0 | 6 | 6 | 6 | - | - | - | - | 6 | - |
| | 1249382 | | Washer, Lock, EXT-T, SS, #6, Type A | 6 | 0 | 6 | 6 | 6 | - | - | - | - | 6 | - |
| 12 | 8518935 | | Protector, Nipple | 1 | - | - | 1 | - | a/r | - | - | - | - | - |
| 13 | 8511741 | | Adapter, Nipple | - | - | 2 | 2 | - | 2 | - | - | - | - | - |
| 14 | 8502441 | | Seal, Pulsator, Foam | - | 1 | 2 | - | 1 | 2 | 1 | 10 | 12 | 1 | 2 |
| 15 | 3553790 | | Elbow, 90, NYL, 1/4 NPT x 3/8 Hose (n/s) | - | - | 2 | 2 | - | 2 | - | - | - | - | - |
| 16 | 1096165 | | Mscr, Pnh, SS, 6-32 x 1/2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | - | 1 | - |
| 17 | 1096532 | ⊗ | Mscr, Pnh, SS, 6-32 x 1-5/8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 20 | - | 2 | - |
| | 1096172 | | Mscr, Pnh, SS, 6-32 x 1-1/2 | - | - | - | - | - | 2 | - | - | - | - | - |
| 18 | 1096174 | | Mscr, Pnh, SS, 6-32 x 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 10 | - | 1 | - |
| 19 | 1249382 | | Washer, Lock, Ext-T, SS, #6 | 7 | 7 | 7 | 7 | 4 | 7 | 4 | 40 | - | 7 | - |
| 20 | ----- | | Literature, 9P-379 (Installation Instructions) | a/r | a/r | a/r | a/r | a/r | a/r | - | - | - | - | - |
| 21 | ----- | | Literature, 9P-347 | - | - | - | - | - | - | a/r | a/r | - | - | - |
| 22 | 8518948 | ⊗ | Plug, Pulsator Plunger | 2 | - | - | 2 | 2 | - | - | - | - | - | - |
| 23 | 8518208 | | Bumper, Rubber, Plunger | 2 | - | - | 2 | 2 | - | - | - | - | - | - |
| 24 | 3554830 | n/s | Grease, Dielectric, 3 Grams | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Note

1. Covers manufactured prior to 1988 will not fit coils manufactured after 1987

Pulsator Filter Assembly

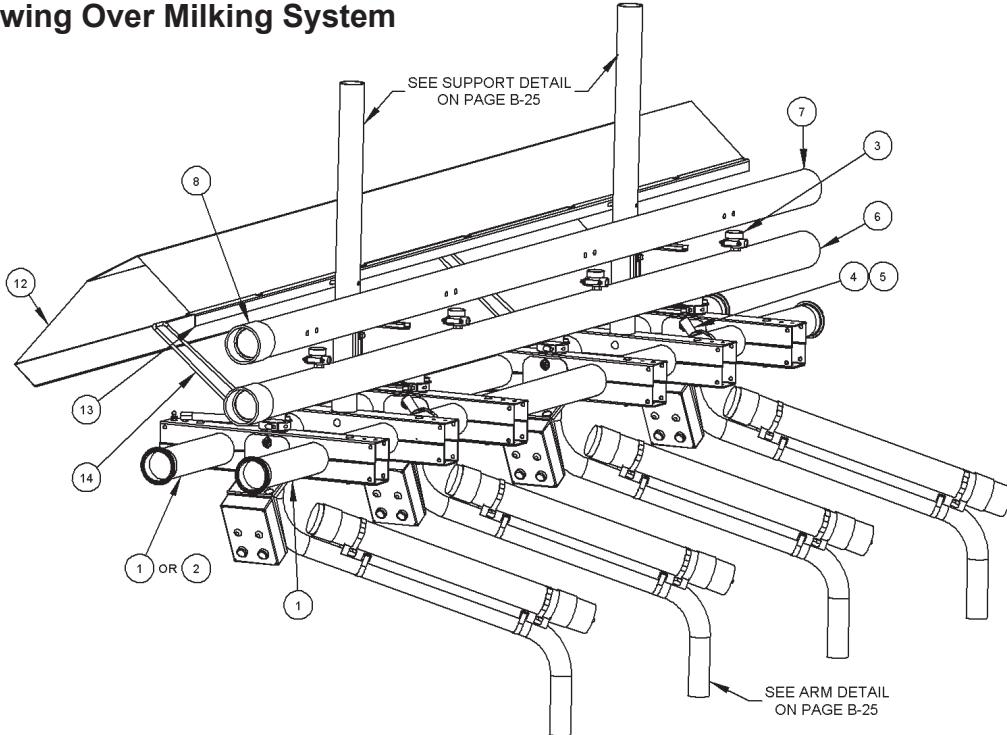
| | |
|----------------------|-------------------|
| SECTION B | PAGE 11 |
| EFFECTIVE: 4/2/19 | |



| ITEM | PART NO. | ⊗=Obsolete | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|-----------------------|------------|--|-----------------------------------|
| | 8511748 | | Filter Assy, Pulsator | |
| 1 | 8511743 | ⊗ | Base, Filter Assy | 1 |
| 2 | 8511740 | | Filter, Air, 6.50 Dia x 3.00 | 1 |
| 3 | 8511742 | | Cover, Filter Assy (<i>Includes item 8</i>) | 1 |
| 4 | 8511713 | | Adapter Kit, Fresh Air (<i>Includes items 5 thru 7</i>) | 1 |
| 5 | 3553790 | | Elbow, 90, Nyl, 1/4 NPT x 3/8 Hose | 2 |
| 6 | 8506805 or 8507534 | | Hose, Vinyl, .38 x .125W, Blk/Wht Hose, PVC, REINF, 3/8 ID x 300" | a/r a/r |
| 7 | 8511741 | | Adapter, Nipple | 2 |
| 8 | 8506120 | | Label, Bou-Matic, 2.25 x 6 | 1 |
| 9 | - - - - - | | Literature 9P-586 (<i>Installation Instructions</i>) | ref |

NOTE: Items 4-6 are not supplied with Filter Assembly 8511748.

DualFlo Swing Over Milking System

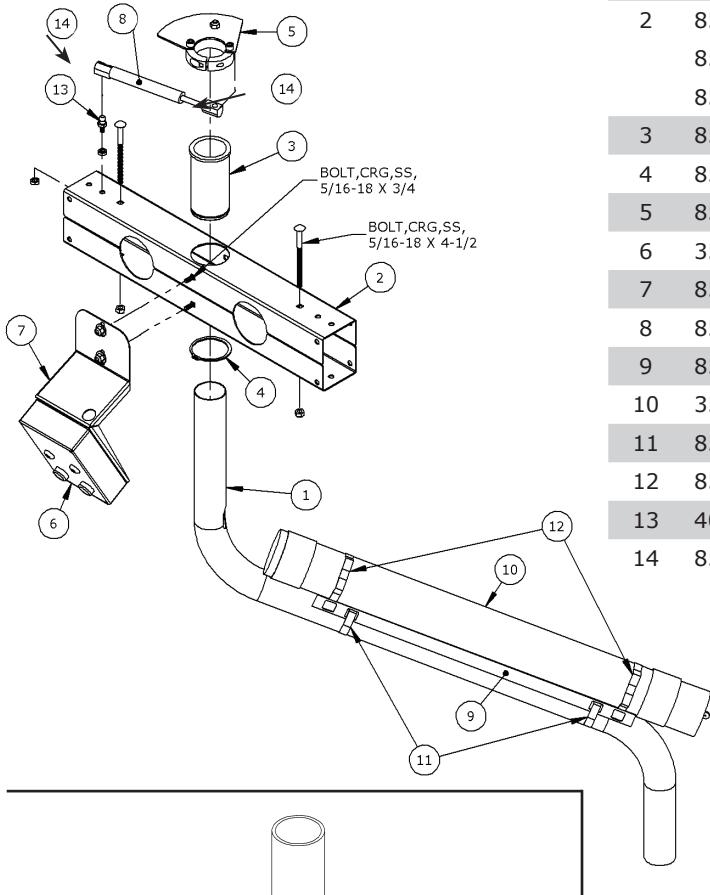


DualFlo Swing Over Milking System (cont.)

| Item | Part No. | Description | QTY REQUIRED (a/r=As Required) | | | |
|------|----------------|--|-----------------------------------|-----|-----|-----|
| | 8581449 | 4 Unit Module,30" ,Swg Plr | 1449 | | | |
| | 8581450 | 4 Unit Module,28" ,Swg Plr | 1450 | | | |
| | 8581453 | 3 Unit Module,30" ,Swg Plr | 1453 | | | |
| | 8581454 | 3 Unit Module,28" ,Swg Plr | 1454 | | | |
| 1 | 8580148 | Milk Line Assy, 4-30",W/2 Port | 2 | - | - | - |
| | 8581465 | Milk Line Assy, 4-28",W/2 Port | - | 2 | - | - |
| | 8580147 | Milk Line Assy, 3-30",W/2 Port | - | - | 2 | - |
| | 8581472 | Milk Line Assy, 3-28",W/2 Port | - | - | - | 2 |
| 2 | 8580151 | Milk Line Assy, 3-30",W/1 Port | - | - | 1 | - |
| | 8581473 | Milk Line Assy, 3-28",W/1 Port | - | - | - | 1 |
| 3 | 8517600 | Stallcock, Die-Cast, 3/8 NPT | 4 | 4 | 3 | 3 |
| 4 | 8516037 | Nipple Assy, Str, SS, 3/4 ID | 4 | 4 | 3 | 3 |
| 5 | 8510202 | Clamp, SS, Valve Assy, 1.5x3 | 4 | 4 | 3 | 3 |
| 6 | 8580145 | Pipe, 3.00 x 119.75, 4-30", Pulse | 1 | - | - | - |
| | 8581457 | Pipe, 3.00 x 111.75, 4-28", Pulse | - | 1 | - | - |
| | 8580146 | Pipe, 3.00 x 89.75, 3-30", Pulse | - | - | 1 | - |
| | 8581437 | Pipe, 3.00 x 83.75, 3-28", Pulse | - | - | - | 1 |
| 7 | 8581436 | Pipe, 3.00 x 119.75, 4-30", Fresh | 1 | - | - | - |
| | 8581438 | Pipe, 3.00 x 111.75, 4-28", Fresh | - | 1 | - | - |
| | 8581468 | Pipe, 3.00 x 89.75, 3-30", Fresh | - | - | 1 | - |
| | 8581439 | Pipe, 3.00 x 83.75, 3-28", Fresh | - | - | - | 1 |
| 8 | 8518653 | Coupling, PVC, Sch-40, 3 SXS | 2 | 2 | 2 | 2 |
| 9 | 8581441 | Raceway, Base, PVC, 10' (n/s) | 1 | 1 | 1 | 1 |
| 10 | 8581442 | Raceway, Cover, PVC, 10' (n/s) | 1 | 1 | 1 | 1 |
| 11 | 8581445 | Raceway, Base, Coupling, PVC (n/s) | 1 | 1 | 1 | 1 |
| 12 | 8580063 | Cabinet Cover, 4-30", Swing | 2 | - | - | - |
| | 8581478 | Cabinet Cover, 4-28", Swing | - | 2 | - | - |
| | 8580062 | Cabinet Cover, 3-30", Swing | - | - | 2 | - |
| | 8581477 | Cabinet Cover, 3-28", Swing | - | - | - | 2 |
| 13 | 8580113 | Cabinet Mount, 4-30", Swing | 2 | - | - | - |
| | 8581480 | Cabinet Mount, 4-28", Swing | - | 2 | - | - |
| | 8580112 | Cabinet Mount, 3-30", Swing | - | - | 2 | - |
| | 8581479 | Cabinet Mount, 3-28", Swing | - | - | - | 2 |
| 14 | 8580120 | Rod, Prop, Swing Cabinet | 4 | 4 | 4 | 4 |
| 15 | - - - - - | Literature 9E-899 (<i>Installation Instructions</i>) | ref | ref | ref | ref |
| 16 | 8584771 | n/s Sensor, Proximity, Inductive | 4 | 4 | 4 | 4 |

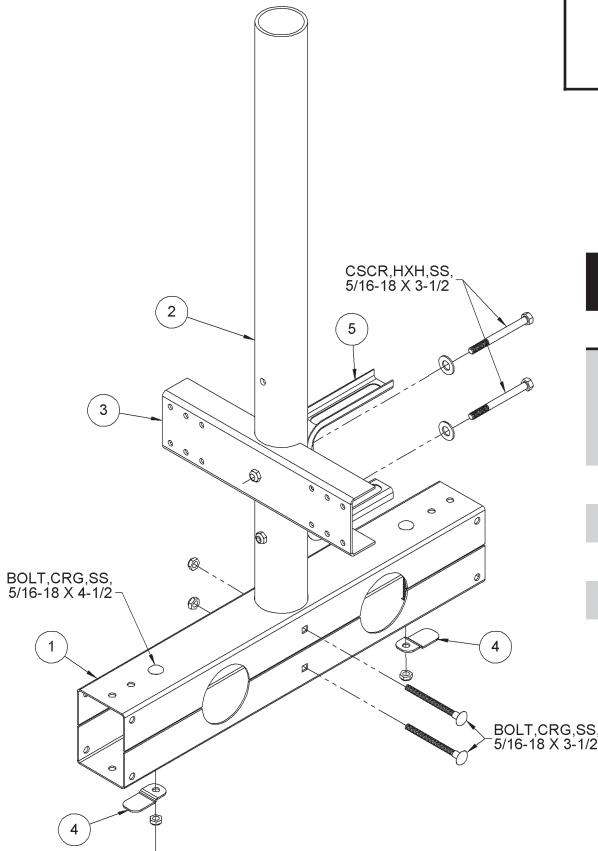
DualFlo Arm Detail

| | |
|-----------------------|-------------------|
| SECTION B | PAGE 13 |
| EFFECTIVE: 1/29/09 | |



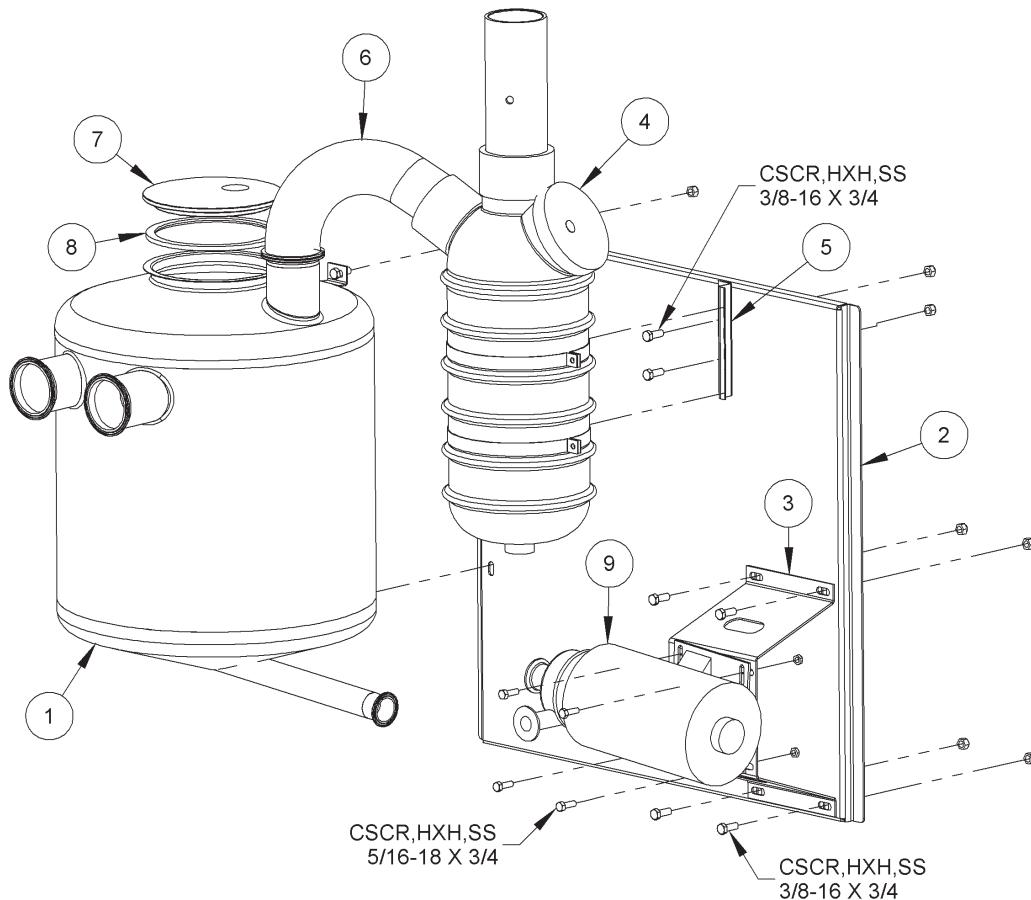
| Item | Part No. | Description | Qty. Req. |
|---------------------------|----------|-------------------------------------|--------------|
| DualFlo Arm Detail | | | - |
| 1 | 8581491 | Arm, Swing Parlor | 1 |
| 2 | 8580115 | Bracket, Swing Module Support | 2 |
| | 8581583 | Brkt, 2.5, Swing Module Support | or 2 |
| | 8581584 | Brkt, 2.0, Swing Module Support | or 2 |
| 3 | 8580129 | ⊗ Bushing, Flange, 2.01ID x 4.75 Lg | 1 |
| 4 | 8581133 | Ring, Retaining, 2.255ID x .078 Thk | 1 |
| 5 | 8580380 | Collar & Bracket Assy, Swg Arm | 1 |
| 6 | 3559212 | Ctrl Assy, Sig 4300, w/Quickst | 1 |
| 7 | 8581484 | Bracket, Detacher, Cntr Mnt | 1 |
| 8 | 8580126 | Cylinder, Gas, Swg Plr | 1 |
| 9 | 8580119 | Bracket, Detacher, Cylinder Mnt | 1 |
| 10 | 3559257 | Cylinder, Plastic, 24V DC | 1 |
| 11 | 8514033 | Clamp, Hose, SS, #36,1.80-2.75 | 2 |
| 12 | 8501422 | Clamp, Hose, SS, #36,1.38-3.25 | 2 |
| 13 | 4022491 | Stud, Ball, 10MM | 2 |
| 14 | 8591568 | Fitting,End,Gas Spring,DFLO | 2 |

DualFlo Support Detail



| Item | Part No. | Description | Quantity Required |
|-------------------------------|----------|---------------------------------|----------------------|
| DualFlo Support Detail | | | - |
| 1 | 8580115 | Bracket, Swing Module Support | 2 |
| | 8581583 | Brkt, 2.5, Swing Module Support | or 2 |
| | 8581584 | Brkt, 2.0, Swing Module Support | or 2 |
| 2 | 8581245 | Pipe, Support, Swing Module | 1 |
| 3 | 8550114 | Brkt, Swing, Automation Sprt | 1 |
| 4 | 8581448 | Brace, Cabinet, Cover, Swg Prl | 2 |
| 5 | 8510210 | Bracket, U, Vinyl-Coated | 1 |

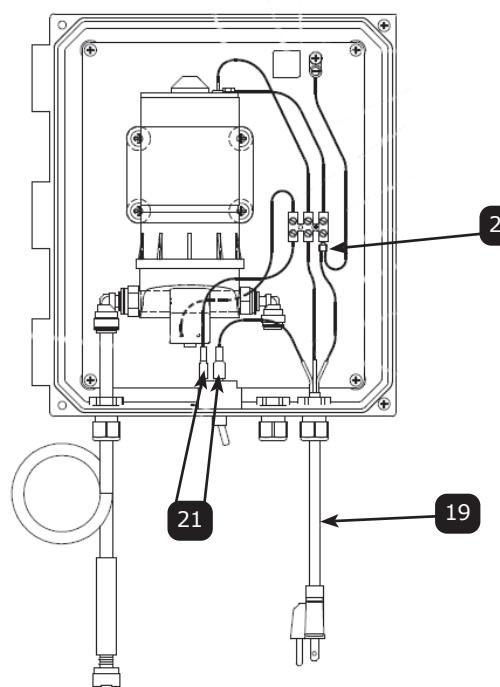
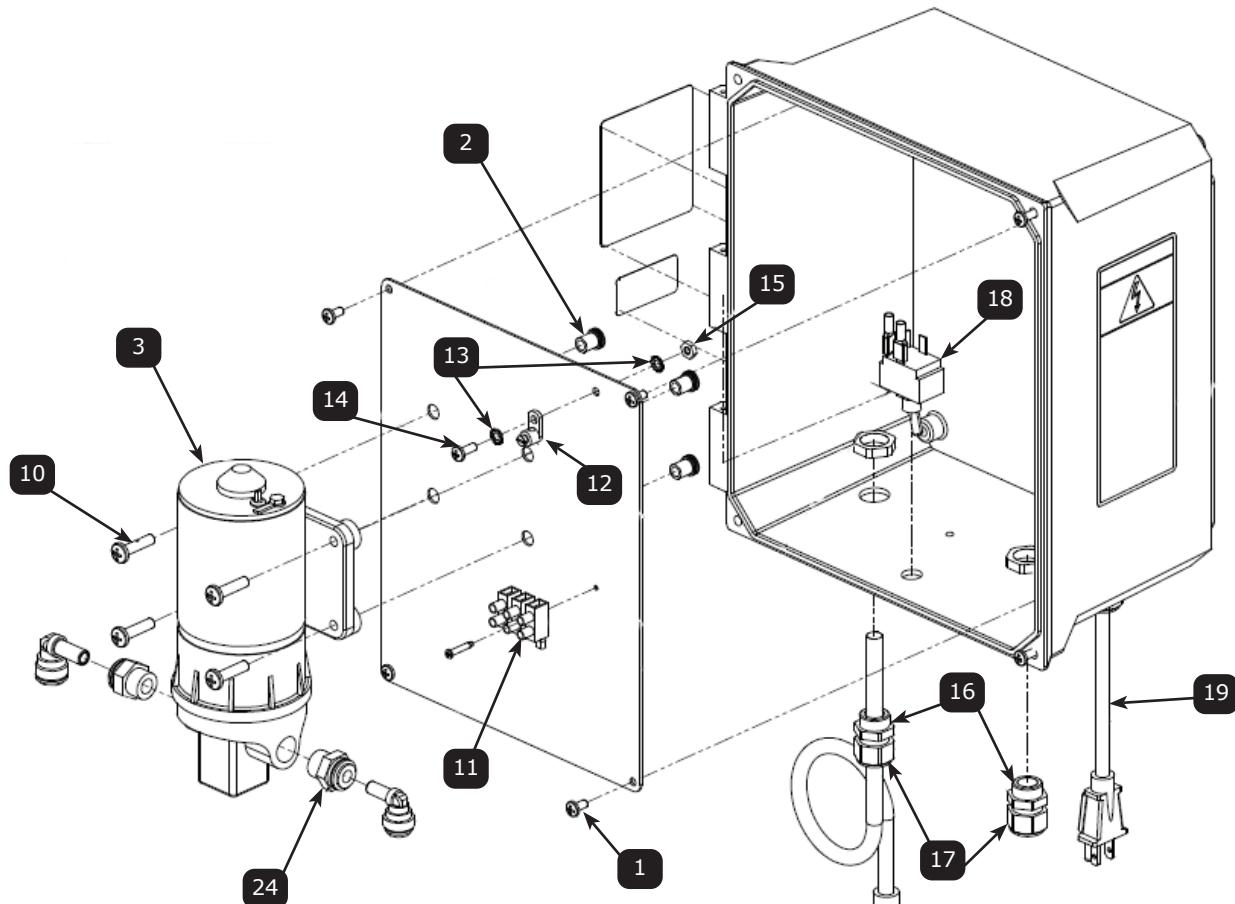
DualFlo Receiver



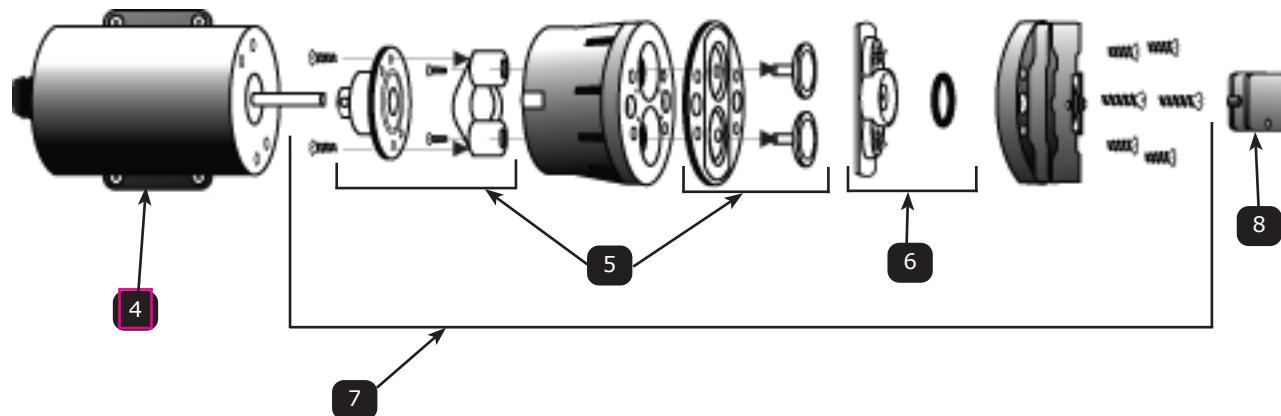
| Item | Part No. | Description | Quantity Required |
|-------|----------|-----------------------------------|-------------------|
| ----- | | | |
| | | DualFlo Receiver | - |
| 1 | 8580056 | Receiver, SS, 85L, Swing Parlor | 1 |
| 2 | 8580137 | Bracket, Receiver Panel, Swg Plr | 1 |
| 3 | 8580136 | Bracket, Milk Pump, Swg Plr | 1 |
| 4 | 8508251 | Trap Assy, Sanitary, 3.00 In | 1 |
| 5 | 8508248 | Bracket, Moisture Trap | 1 |
| 6 | 8504276 | Elbow, 120 Deg, SS, 3 | 1 |
| 7 | 8517429 | Lid, Plexiglass, Rcvr | 1 |
| 8 | 8590143 | Gasket, Lid, Receiver | 1 |
| 9 | 8519970 | Pump, 1Hp, 1Ph, 230V, 60Hz, CCW | 1 |
| | 8519971 | Pump, 1Hp, 3Ph, 230V, 60Hz, CCW | or 1 |
| | 8516253 | Pump, 1Hp, 1Ph, 230V, 50Hz, CCW | or 1 |
| | 8516254 | ⊗ Pump, 1Hp, 3Ph, 230V, 50Hz, CCW | or 1 |
| | 8517089 | Pump, Milk, 1Hp, 3Ph, 380V | or 1 |

SprayMaster³ Teat Spray System

| | |
|-----------------------|-------------------|
| SECTION B | PAGE 15 |
| EFFECTIVE: 3/23/10 | |



SprayMaster³ Teat Spray System (Cont.)

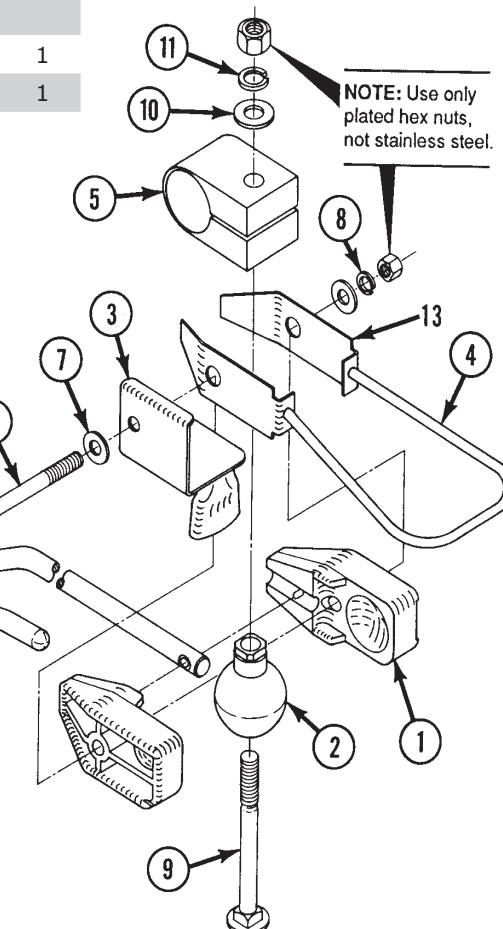


| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|------|----------------|-----------------------------|---|-----------------------------------|-------------|-------------|
| | 8582854 | ⊗ | SprayMaster³ Assy | 2854 | | |
| | 76602 | n/s | Drop Point Kit w/Black Spray Gun | | 6602 | |
| | 8583001 | ⊗ | Kit, Accessories, SprayMaster³ | | 3001 | |
| | 76622 | n/s | Pump & Motor, Mdl 1, SprayMaster | | | 6622 |
| 1 | 1096216 | | MSCR, PNH, SS, 10-32 x 3/8 | 4 | - | - |
| 2 | 1270352 | | Nut, Insert, 1/4-20 | 4 | - | - |
| 3 | 76622 | | Pump & Motor, Mdl 1, SprayMaster (Includes items #4, 5, 6, 8 & 9) | 1 | - | - |
| 4 | 76623 | | Motor Only, Mdl1, SprayMaster | - | - | 1 |
| 5 | 76650 | | Kit, No. 2 Cam/Diaphragm, SprayMaster | - | - | 1 |
| 6 | 76642 | | Value Pump Check, SprayMaster | - | - | 1 |
| 7 | 76625 | | Pump Head Only, Mdl 1, SprayMaster (Includes items #5 & 6) | - | - | 1 |
| 8 | 76605 | | Switch, Pressure, SprayMaster | - | - | 1 |
| 9 | 76645 | n/s | Cover, Cam Bearing | - | - | 1 |
| 10 | 1096010 | | MSCR, PNH, SS, 1/4-20 x 1 | 4 | - | - |
| 11 | 8518548 | | Block, Terminal, 3-Position | 1 | - | - |
| 12 | 3551897 | | Lug, Ground, 14 to 8 AWG | 1 | - | - |
| 13 | 1249384 | | Washer, Lock, Ext-T, SS, #10, Type A | 2 | - | - |
| 14 | 1096218 | | MSCR, PNH, SS, 10-32 x 1/2 | 1 | - | - |
| 15 | 1204380 | | Nut, Hex, SS, 10-32 | 1 | - | - |
| 16 | 1917562 | | Connector, Dome, Nut, PG11 | 3 | - | - |
| 17 | 1917504 | | Conn, Str-RLF, 23-39, PG11 | 3 | - | - |
| 18 | 8516824 | | Switch, Toggle, DP, ST, On-Off, VDE | 1 | - | - |
| 19 | 76630 | ⊗ | Power Cord, 3-Wire with NEMA 5 | 1 | - | - |
| 20 | 76641 | | Foot Valve & Filter Unit Assy | 1 | - | - |
| 21 | 76627 | | Terminal, Femal, Quick Disconnect | 2 | - | - |
| 22 | 1916630 | | Connector, Pin, Dual, 18ga, Ferrule | 1 | - | - |
| 23 | 76634 | | Screw, Self Tap, Philips Pan Head | 4 | - | - |
| 24 | 76637 | | Connector, Male, 3/8" NPTF x S | 1 | - | - |
| 25 | 76601 | n/s | Gun, Teat Spray, SprayMaster | - | 1 | 3 |
| 26 | 76603 | n/s | Drop Coil, SprayMaster | - | 1 | 3 |
| 27 | 76610 | n/s | Connector, Tee, 5/16", Push-In | - | 1 | 3 |
| 28 | 76614 | n/s | Plug, End of Line, Push-In | - | - | 1 |
| 29 | 76611 | n/s | Connector, Straight, 5/16" | - | - | 2 |
| 30 | 7661320 | n/s | Tubing, Nylon, 5/16" OD x 20 ft Literature 9E-943 (Installation & Operation Instruction) | - | - | 2 |
| 32 | ----- | | | ref | - | - |

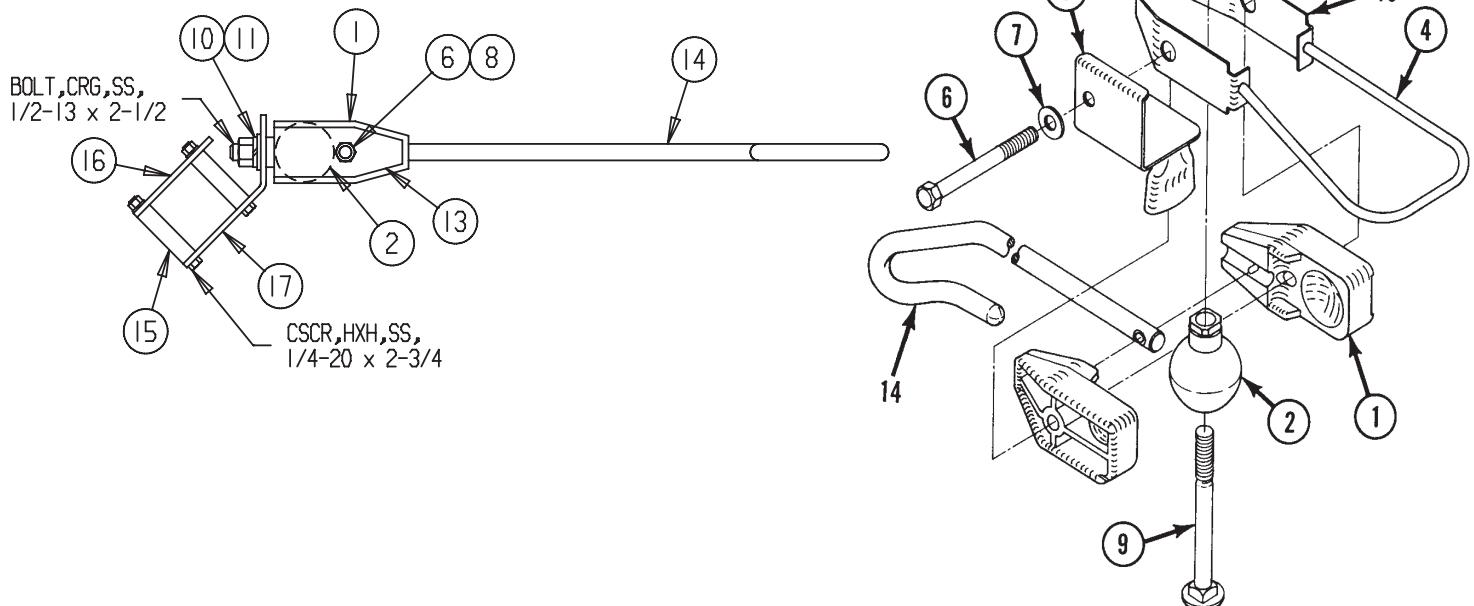
Hose-Support Arm Assembly

| | |
|----------------------|-------------------|
| SECTION B | PAGE 17 |
| EFFECTIVE: 4/6/06 | |

| Item | Part No. | Description | QTY REQUIRED (a/r=As Required) | | | |
|------|-----------|---|-----------------------------------|------|------|------|
| | 8515166 | Arm Assy, Hose-Sprt, w/Hdl | 5166 | | | |
| | 8515170 | Arm Assy, Hose-Sprt, w/o Hdl | | 5170 | | |
| | 8515172 | ⊗ Arm Assy, Hose-Sprt, w/Hdl, Fr | | | 5172 | |
| | 8511611 | ⊗ Arm Assy, Hose-Sprt, Prl Stall | | | | 1611 |
| 1 | 8515160 | Socket, Pivot-Ball | 2 | 2 | 2 | 2 |
| 2 | 8515157 | Ball, Pivot, Support-Arm | 1 | 1 | 1 | 1 |
| 3 | 8515165 | ⊗ Hanger Assy, Claw (Not supplied w/Arm Assy) | 1 | 1 | 1 | 1 |
| 4 | 8515162 | Handle Assy, Support-Arm (Includes 2 of item 13) | 1 | - | 1 | - |
| 5 | 8515168 | Strap, Mtg, Support Arm | 1 | 1 | 1 | - |
| 6 | 1091058 | CSCR, HXH, SS, 3/8-16 x 3-1/2 | 1 | 1 | 1 | 1 |
| 7 | 1208388 | Washer, Plain, SS, 3/8 | 2 | 2 | 2 | - |
| 8 | 1209388 | Washer, Lock, Hlcl Spr, SS, 3/8 | 1 | 1 | 1 | 1 |
| 9 | 1201535 | Bolt, Crg, SS, 1/2-13 x 4-1/4 | 1 | 1 | 1 | - |
| 10 | 1208390 | Washer, Plain, SS, 1/2 | 1 | 1 | 1 | 1 |
| 11 | 1209390 | Washer, Lock, Hlcl Spr, SS, 1/2 | 1 | 1 | 1 | 1 |
| 12 | - - - - - | Literature 9P-346 | ref | ref | ref | - |
| | - - - - - | Literature 9P-621 (Installation Instructions) | - | - | - | ref |
| 13 | 8515158 | Plate, Side, Support Arm | 2 | 2 | 2 | 2 |
| 14 | 8515161 | Arm, Hose Support (shown) | 1 | 1 | - | - |
| | 8519044 | Arm, Hose Support, Long | - | - | 1 | - |
| | 8514067 | ⊗ Arm, Hose Support | - | - | - | 1 |
| 15 | 8511612 | ⊗ Spacer, Rd, Nylon, .25 x .50 x 2.09 | - | - | - | 4 |
| 16 | 8514066 | ⊗ Plate, Arm, Hose Support | - | - | - | 1 |
| 17 | 8514065 | ⊗ Bracket, Arm, Hose Support | - | - | - | 1 |



Hose-Support Arm Assembly Parallel Stall

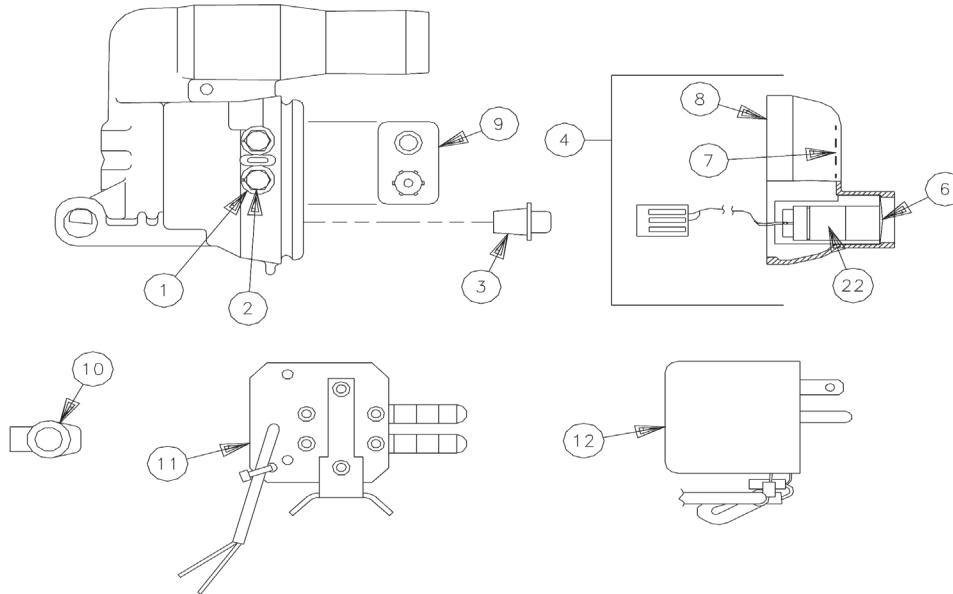


Milk Sentry End-Of-Milk Sensor

| Item | Part No. | Description | QTY REQUIRED (a/r=As Required) | | | |
|------|----------------------|--|-----------------------------------|-----|-----|-----|
| | 3554242 | ⊗ Sensor Assy, Milk Sentry | 4242 | | | |
| | 3555489 | ⊗ Sensor Assy, Milk Sentry | 5489 | | | |
| | 3556531 | Sensor Assy, Flat Barn | 6531 | | | |
| | 3557982 | Sensor Assy, Milk Sentry, II | 7982 | | | |
| 1 | 1209397 | ⊗ Washer, Lock, Hd Cr Spr, SS, #4 | 2 | - | - | - |
| 2 | 1207376 | Nut, Cap, SS, 4-40 | 2 | 2 | 2 | 2 |
| 3 | 3554234 | ⊗ Plug, Int, Plstc, 0.25 | 1 | 1 | - | 1 |
| 4 | 3554249 | ⊗ Cover Assy, EOM | 1 | - | - | 1 |
| | 3555485 | ⊗ Cover Assy, EOM <i>(Includes items 5 thru 8 & 22)</i> | - | 1 | - | 1 |
| 5 | 3554247 | ⊗ Sleeve, Rubber, .38 x .88, Black (n/s) | 1 | - | - | - |
| 6 | 3554248 | Diaphragm, 1.50 OD, EOM | 1 | 1 | - | 1 |
| 7 | 3554305 | ⊗ Label, Milk Sentry | 1 | - | - | - |
| | 3555520 | Label, Milk Sentry | - | 1 | - | 1 |
| 8 | 3554213 | ⊗ Cover, EOM | 1 | - | - | - |
| | 3555491 | ⊗ Cover, EOM | - | 1 | 1 | 1 |
| 9 | 1912506 | ⊗ Battery, 7.2V, Nicad | 1 | 1 | - | - |
| | 3558199 | Battery, 7.2V, NiMH | 1 | 1 | - | 1 |
| 10 | 3554292 | Connector, Communication | 2 | 2 | - | 2 |
| 11 | 3554241 ³ | ⊗ Contact Assy, EOM | 1 | - | - | - |
| | 3555291 | Contact Assy, Hi Output | or 1 | 1 | - | 1 |
| | 3556530 | ⊗ Contact Assy, Flat Barn | - | - | 1 | - |
| 12 | 3555255 | ⊗ Xfrm, EOM | 1 | - | - | - |
| | 3555092 ¹ | Power Supply, Charger | or 1 | 1 | - | 1 |
| 13 | 1979001 | Tie, Cable, 5.87 x .09 (n/s) | 1 | 1 | - | 1 |
| 14 | 1979007 | Tie, Cable, 11.50 x .18 (n/s) | 5 | 5 | - | 5 |
| 15 | 8510201 | Clamp, Hose, SS, #28, 1.31-2.25 (n/s) | 2 | 2 | - | 2 |
| 16 | 8514035 | ⊗ Clamp, Hose, SS, #48, 2.56-3.50 (n/s) | 2 | 2 | - | - |
| 17 | - - - - - | Literature 9E-512 | ref | ref | ref | ref |
| 18 | 3555049 | ⊗ Gasket, Beeper (n/s) | 1 | - | - | - |
| 19 | 1997504 | Cable, 2-Cond, 22Ga, Gray (n/s) | 20 | 20 | - | 20 |
| 20 | 3554830 | Lubricant, Tube, 4CC (n/s) | 1 | 1 | - | 1 |
| 21 | 3555322 | ⊗ Kit, Rectifier Assy (n/s) | a/r | a/r | - | - |
| 22 | 3555487 | ⊗ Beeper Assy, Milk Sentry | - | 1 | - | 1 |

Notes:

1. High Output Contact Assy must be used with Power Supply Charger 3555092.
2. Rectifier Kit (item 21) is needed when using older charger to charge newer style battery (item 9).
3. 3554241 is replaced by 3558526.



Pipeline Components & Accessories

Description

— Contents —

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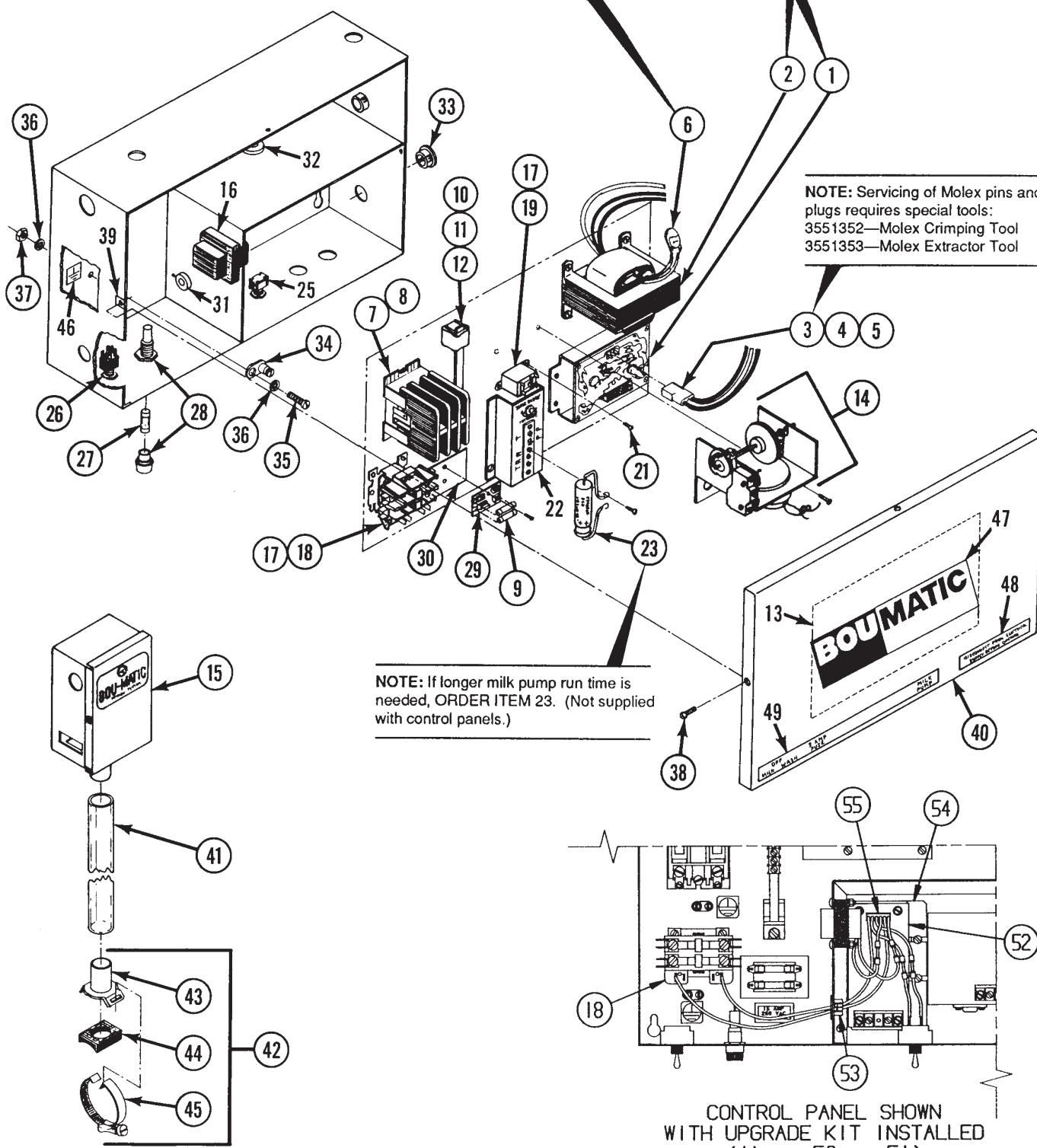
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Master Control Panels

NOTE: Cyclone 600 Air Injector 8503938 can be used with these assemblies ONLY IF Air Injector Timer 8506223 (115V) or 8506194 (230V) has been retrofitted. See page C-5.

NOTE: Supplied only on early control panels having a transformer that lacked an internal voltage varistor.



NOTE: When replacing module base or transformer, a special Molex plug assembly may be required. SEE MOLEX ADAPTER KIT, page C-48

CONTROL PANEL SHOWN
WITH UPGRADE KIT INSTALLED
(Items 50 or 51)

Master Control Panels

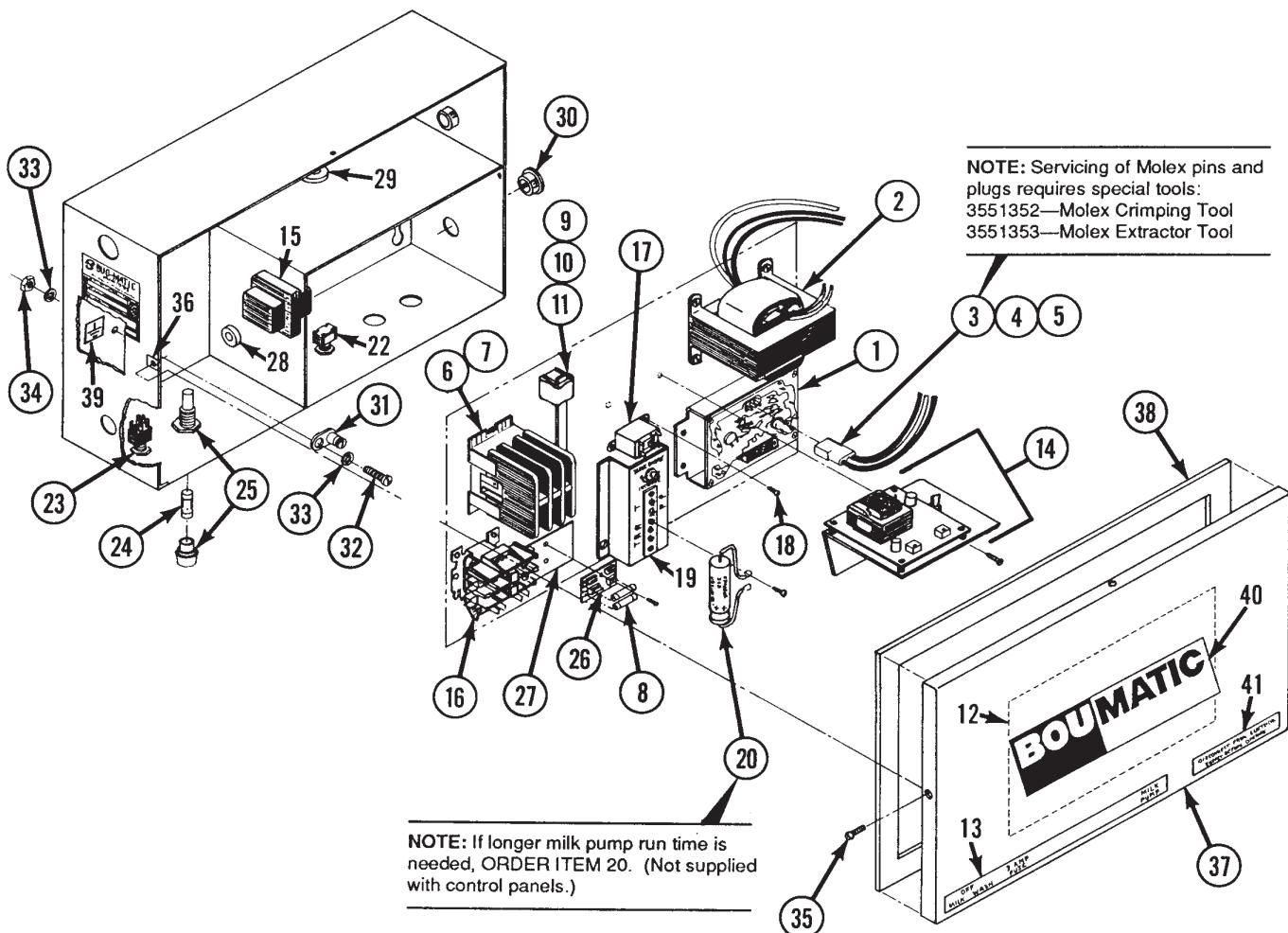
| SECTION | PAGE |
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| C | 3 |
| EFFECTIVE: | 3/1/02 |

| ITEM | PART NO. | X=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED | | |
|------|----------------------|-----------------------------|--|-------------------|-----|-----|
| | | | | (a/r=AS REQUIRED) | | |
| | 8513850 | ⊗ | Control Panel Assy, 115V, 60Hz | 850 | | |
| | 8513880 | ⊗ | Control Panel Assy, 230V, 50Hz | 880 | | |
| | 8518418 | ⊗ | Control Panel Assy, 230V | 418 | | |
| 1 | 8518588 ⁶ | ⊗ | Module Base Assy, 45/52/60 PPM | 1 | 1 | 1 |
| | 8518373 | | Xfmr, 120V, 48V, 50/60Hz | 1 | - | - |
| 2 | 8518362 | ⊗ | Xfmr, 230V, 48V, 50/60Hz (Both include items 3 thru 5) | - | 1 | 1 |
| 3 | 1916903 | | Connector, Recept, FH, 3-Pin | 1 | 1 | 1 |
| 4 | 1916701 | n/s | Conn, Pin, .093, M, 18-22, .06/.12 | 1 | 1 | 1 |
| 5 | 1916719 | n/s | Conn, Pin, .093, F, 18-22, .06/.12 | 2 | 2 | 2 |
| 6 | 1988201 | ⊗ | Xient, Varistor, 130VAC, 38J | 1 | - | - |
| | 1988213 | ⊗ | Xient, Varistor, Gas Discharge | - | 1 | 1 |
| 7 | 8518361 | | Contactor, DPST, 115V, 30 Amp (Includes item 8) | 1 | - | - |
| | 4012938 | | Contactor, DPST, 240V, 40 Amp (Replaces 4014222) | - | 1 | 1 |
| 8 | 8513861 ² | ⊗ | Coil, Contactor, 120V | 1 | - | - |
| | 8513949 ¹ | ⊗ | Coil, Contactor, 115V | 1 | - | - |
| | 8513950 ¹ | ⊗ | Coil, Contactor, 115V, Gould | 1 | - | - |
| 9 | 1931838 | | Fuse, 15.00A, 250V, Slow, 1.25 x .25 | 2 | 1 | 1 |
| 10 | 8513863 | ⊗ | Bar, Neutral | 1 | - | - |
| 11 | 8505052 | ⊗ | Block, Terminal, 8-Position | - | 1 | 1 |
| 12 | 8505053 | ⊗ | Jumper, Terminal-Block | - | 4 | 4 |
| 13 | 8513858 | ⊗ | Label, Wiring Diag | 1 | - | - |
| | 8513878 | ⊗ | Schematic, MCP-100, 230V, 50Hz | - | ref | ref |
| 14 | 8506171 | ⊗ | Bracket Assy, Air Injector, 60Hz | 1 | - | - |
| | 8506183 | ⊗ | Bracket Assy, Air Injector, 50Hz (Parts for both on page C-39) | - | 1 | 1 |
| 15 | 8506102 | ⊗ | Injector, Air, 115V, 60Hz | 1 | - | - |
| | 8506186 | ⊗ | Injector, Air, 240V, 50/60Hz (Parts for both on page C-39) | - | 1 | 1 |
| 16 | 8513862 | | Xfmr, 220V, 24V | 1 | 1 | 1 |
| 17 | 8516134 | ⊗ | Kit, Upgrade, LLC, w/Contactor | 1 | 1 | 1 |
| 18 | 4015303 | | Contactor, 20A, 2-Pole, 24 VAC | 1 | 1 | 1 |
| 19 | 8513912 | ⊗ | Relay Assy, 24 VDC | 1 | 1 | 1 |
| 20 | - - - - | | Literature 9P-333 (Installation Instructions) | ref | ref | ref |
| 21 | 1189249 | ⊗ | TFSCR, PNH, 4-24 x 3/8 ZP AB | 2 | 2 | 2 |
| 22 | 8513856 ⁷ | ⊗ | Delay Assy, Time | 1 | 1 | 1 |
| 23 | 8513884 | ⊗ | Capacitor Assy, Time-Delay (Includes item 24) | 1 | 1 | 1 |
| 24 | - - - - | | Literature 9P-340 (Installation Instructions) | ref | ref | ref |
| 25 | 8502203 | ⊗ | Switch, Toggle, Momentary | 1 | 1 | 1 |
| 26 | 8519140 | | Switch, Toggle, DPDT | 1 | 1 | 1 |
| 27 | 1931828 | | Fuse, 3.00A, 250V, Slow, 1.25 x .25 | 1 | 1 | 1 |
| 28 | 8506109 | | Holder, Fuse | 1 | 1 | 1 |
| 29 | 8513875 | | Holder, Fuse, 2-Pole | 1 | 1 | 1 |
| 30 | 8513877 | ⊗ | Insulator, Fiberboard | 1 | 1 | 1 |
| 31 | 4079102 | ⊗ | Grommet, 0.38 ID x 0.88 OD | 1 | 1 | 1 |
| 32 | 4079106 | | Grommet, 0.65 ID x 1.18 OD | 1 | 1 | 1 |
| 33 | 4012594 | | Plug, Int, Plstc, 0.88 | 3 | 3 | 3 |
| 34 | 3551897 | | Lug, Ground, 14 to 8 AWG | 3 | 3 | 3 |
| 35 | 1096200 | | MSCR, PNH, SS, 10-24 x 1/2 | 3 | 3 | 3 |
| 36 | 1235384 | | Washer, Lock, Intl-T, SS, #10 | 6 | 6 | 6 |
| 37 | 1204379 | | Nut, Hex, Mscr, SS, 10-24 | 3 | 3 | 3 |
| 38 | 1027265 | | TFSCR, PNH, SS, 8-18 x 1/2 AB | 4 | 4 | 4 |
| 39 | 3551200 | | Nut, Speed, #8 | 4 | 4 | 4 |
| 40 | 8513855 | ⊗ | Cover, Control Panel | 1 | 1 | 1 |
| 41 | 8507404 | ⊗ | Hose, Milk, Plastic, 1.00 ID | a/r | a/r | a/r |
| 42 | 8506103 | ⊗ | Nipple Assy, Air Injector (Includes items 43 thru 45) | 1 | 1 | 1 |
| 43 | 8506123 | ⊗ | Nipple, Air-Inj, 1 In OD | 1 | 1 | 1 |
| 44 | 8506104 | ⊗ | Gasket, 1 In, Base Seal | 1 | 1 | 1 |
| 45 | 8510200 | ⊗ | Clamp, SS, Valve Assy, 1.5 x 2 | 2 | 2 | 2 |
| 46 | 8505776 | | Label, Ground, International | 3 | 3 | 3 |
| 47 | 8506167 | | Label, Bou-Matic, 3.0 x 10 | 1 | 1 | 1 |
| 48 | 4016123 | | Label, Caution, Disconnect-Power | 1 | 1 | 1 |
| 49 | 8518291 | ⊗ | Label, Control Panel | 1 | 1 | 1 |
| 50 | 8516133 ⁴ | ⊗ | Kit, Upgrade,LLC, w/o Contactor (Includes items 52 thru 56) | a/r | a/r | a/r |
| 51 | 8516134 ⁵ | ⊗ | Kit, Upgrade,LLC, w/ Contactor (Includes items 18 & 52 thru 56) | a/r | a/r | a/r |
| 52 | 8513985 | | Pwb Assy,Liq Level Timer | 1 | 1 | 1 |
| 53 | 8516139 | | Bushing, .875 OD x .687 ID | 1 | 1 | 1 |
| 54 | 8516138 | | Bracket, Upgrade Kit, LLC | 1 | 1 | 1 |
| 55 | 8516136 | | Wire Harness, Upgrade Kit, LLC | 1 | 1 | 1 |
| 56 | - - - - | | Literature 9E-717 | a/r | a/r | a/r |

Note:

1. Coil 8513949 used only on contactors with stamped sheet metal base.
2. Coil 8513950 used only on Gould contactors.
3. Early controls using coil 8513881 require replacement of entire contactor 8513861.
4. Used to replace items 17, 19, 22 & 23 when 4015303 contactor (item 18) is present.
5. Used to replace items 17, 19, 22 & 23 when contactor other than 4015303 is present.
6. Replaced by 8509330.
7. Replaced by 8512749.

Master Control Panels



Master Control Panels

| | |
|----------------------|------------------|
| SECTION C | PAGE 5 |
| EFFECTIVE: 2/8/17 | |

| ITEM | PART NO. | ⊗ =OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|---------|------------------------|---------------------------------|--|-----------------------------------|-----|-----|
| | | | | 913 | 153 | 154 |
| 8513913 | ⊗ | | Control Panel Assy (Milk-rest ratios 60:40 rear quarters, 50:50 front; 45 PPM) | 913 | | |
| 8520153 | ⊗ | | Control Panel Assy, 230V, 50Hz (Milk-rest ratios 60:40 rear quarters, 50:50 front; 45 PPM) | | 153 | |
| 8520154 | ⊗ | | Control Panel Assy, 230V, 50Hz (Milk-rest ratios 50:50 rear & front; 50-52 PPM) | | | 154 |
| 1 | 8509330 | | PWB & BKT Assy, Module, PRISM | 1 | 1 | 1 |
| 2 | 8518373 | | Xfmr, 120V, 48V, 50/60Hz | 1 | - | - |
| | 8518362 | ⊗ | Xfmr, 230V, 48V, 50/60Hz (Both include items 3 thru 5) | - | 1 | 1 |
| 3 | 1916903 | | Connector, Recept, FH, 3-Pin | 1 | 1 | 1 |
| 4 | 1916701 | n/s | Conn, Pin, .093, M, 18-22, .06/.12 | 1 | 1 | 1 |
| 5 | 1916719 | n/s | Conn, Pin, .093, F, 18-22, .06/.12 | 2 | 2 | 2 |
| 6 | 8513861 | ⊗ | Contactor, DPST, 115V, 30 Amp (Includes item 7) | 1 | - | - |
| | 4012938 | | Contactor, DPST, 240V, 40 Amp | - | 1 | 1 |
| 7 | 8513881 ² | ⊗ | Coil, Contactor, 120V | 1 | - | - |
| | 8513949 ¹ | ⊗ | Coil, Contactor, 115V | 1 | - | - |
| | 8513950 ¹ | ⊗ | Coil, Contactor, 115V, Gould | 1 | - | - |
| 8 | 1931838 | | Fuse, 15.00A, 250V, Slow, 1.25 x .25 | 2 | 1 | 1 |
| 9 | 8513863 | ⊗ | Bar, Neutral | 1 | - | - |
| 10 | 8505052 | ⊗ | n/s Block, Terminal, 8-Position | - | 1 | 1 |
| 11 | 8505053 | ⊗ | n/s Jumper, Terminal-Block | - | 5 | 5 |
| 12 | 8513915 | ⊗ | Label, Wiring Diag, MCP-100 | 1 | - | - |
| | 8513903 | ⊗ | Label, Wiring Diag, MCP-100 | - | 1 | 1 |
| 13 | 8518291 | ⊗ | Label, Control Panel | 1 | 1 | 1 |
| 14 | 8506223 | | Timer, Air-Inj, 115V, w/Brkt | 1 | - | - |
| | 8506194 | ⊗ | Timer, Air-Inj, 230V, w/Brkt (Parts for both on page C-39) | - | 1 | 1 |
| 15 | 8513862 | | Xfmr, 220V, 24V | 1 | 1 | 1 |
| 16 | 4015303 | | Contactor, 20A, 2-Pole, 24 VAC | 1 | 1 | 1 |
| 17 | 8513912 | ⊗ | Relay Assy, 24 VDC | 1 | 1 | 1 |
| 18 | 1096135 | ⊗ | MSCR, PNH, SS, 2-56 x 3/8 | - | - | - |
| 19 | 8513856 | ⊗ | Delay Assy, Time | 1 | 1 | 1 |
| 20 | 8513884 ⁴ | ⊗ | Capacitor Assy, Time-Delay (Includes item 21) | 1 | 1 | 1 |
| 21 | - - - - - ⁴ | | Literature 9P-340 (Installation Instructions) | ref | ref | ref |
| 22 | 8502203 | ⊗ | Switch, Toggle, Momentary | 1 | 1 | 1 |
| 23 | 8519140 | | Switch, Toggle, DPDT | 1 | 1 | 1 |
| 24 | 1931828 | | Fuse, 3.00A, 250V, Slow, 1.25 x .25 | 1 | 1 | 1 |
| 25 | 8506109 | | Holder, Fuse | 1 | 1 | 1 |
| 26 | 8513875 | | Holder, Fuse, 2-Pole | 1 | 1 | 1 |
| 27 | 8513877 | ⊗ | Insulator, Fiberboard | 1 | 1 | 1 |
| 28 | 4079102 | ⊗ | Grommet, 0.38 ID x 0.88 OD | 1 | 1 | 1 |
| 29 | 4079106 | | Grommet, 0.65 ID x 1.18 OD | 1 | 1 | 1 |
| 30 | 4012594 | | Plug, Int, Plstc, 0.88 | 2 | 2 | 2 |
| 31 | 3551897 | | Lug, Ground, 14 to 8 AWG | 3 | 3 | 3 |
| 32 | 1096200 | | MSCR, PNH, SS, 10-24 x 1/2 | 3 | 3 | 3 |
| 33 | 1235384 | | Washer, Lock, Intl-T, SS, #10 | 6 | 6 | 6 |
| 34 | 1204379 | | Nut, Hex, Mscr, SS, 10-24 | 3 | 3 | 3 |
| 35 | 1027265 | | TFSCR, PNH, SS, 8-18 x 1/2 AB | 4 | 4 | 4 |
| 36 | 3551200 | | Nut, Speed, #8 | 4 | 4 | 4 |
| 37 | 8513855 | ⊗ | Cover, Control Panel | 1 | 1 | 1 |
| 38 | 8513947 | ⊗ | Gasket, Neo, .25 x .75 x 14.25 | 2 | 2 | 2 |
| | 8513948 | ⊗ | Gasket, Neo, .25 x .75 x 11.16 | 2 | 2 | 2 |
| 39 | 8505776 | | Label, Ground, International | 3 | 3 | 3 |
| 40 | 8506167 | | Label, Bou-Matic, 3.0 x 10 | 1 | 1 | 1 |
| 41 | 4016123 | | Label, Caution, Disconnect-Power | 1 | 1 | 1 |
| 42 | 8516133 ³ | ⊗ | Kit, Upgrade, LLC, w/o Contactor (Parts on page C-3) | a/r | a/r | a/r |

NOTE:

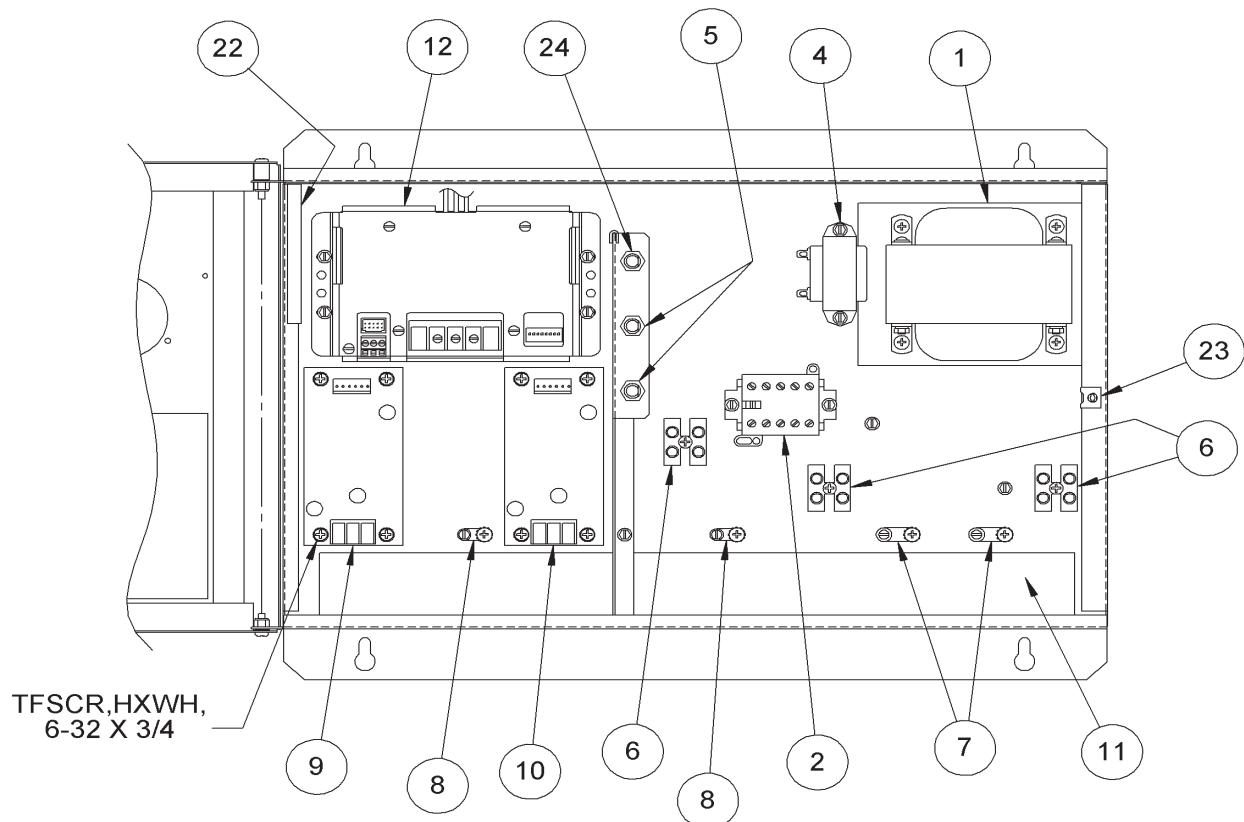
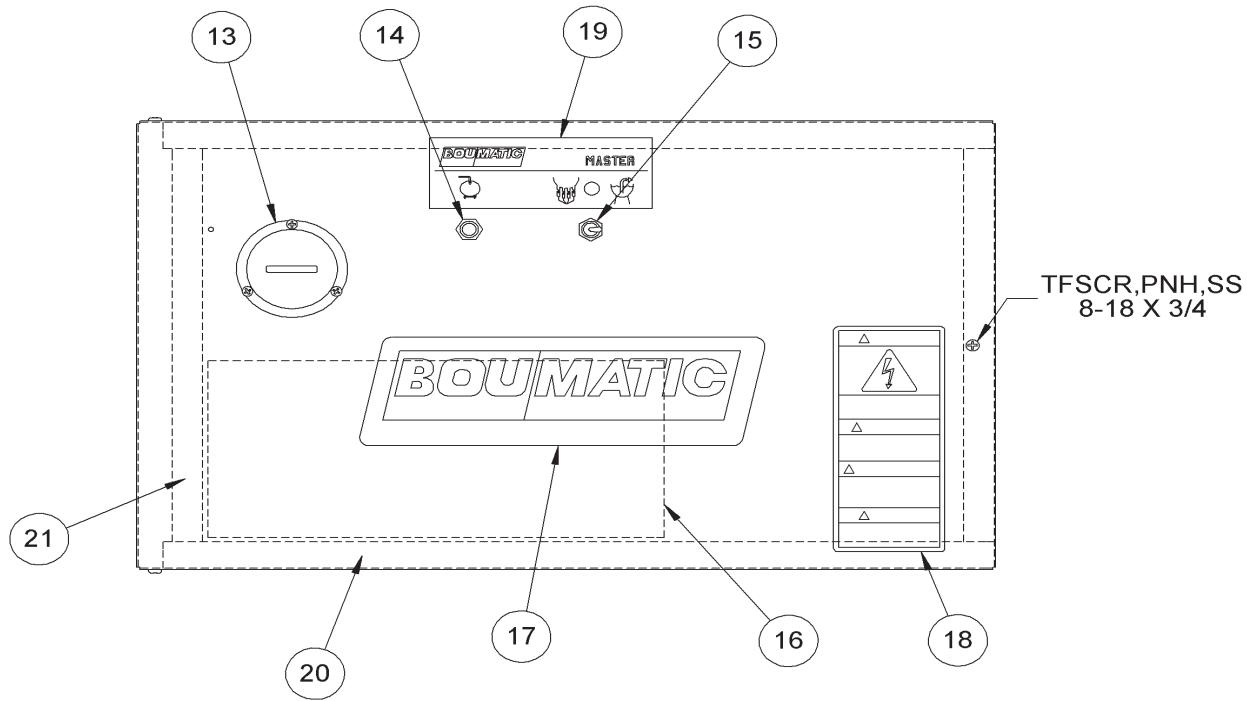
1. Coil 851349 used only on contactors with stamped sheet metal base. Coil 8513950 used only on gould contactors.

2. Early controls using coil 8513881 require replacement of entire contactor 8513861.

3. Upgrade kit 8516133 replaces items 17, 19, 20.

4. Not supplied with control panels.

Control Panel Assemblies



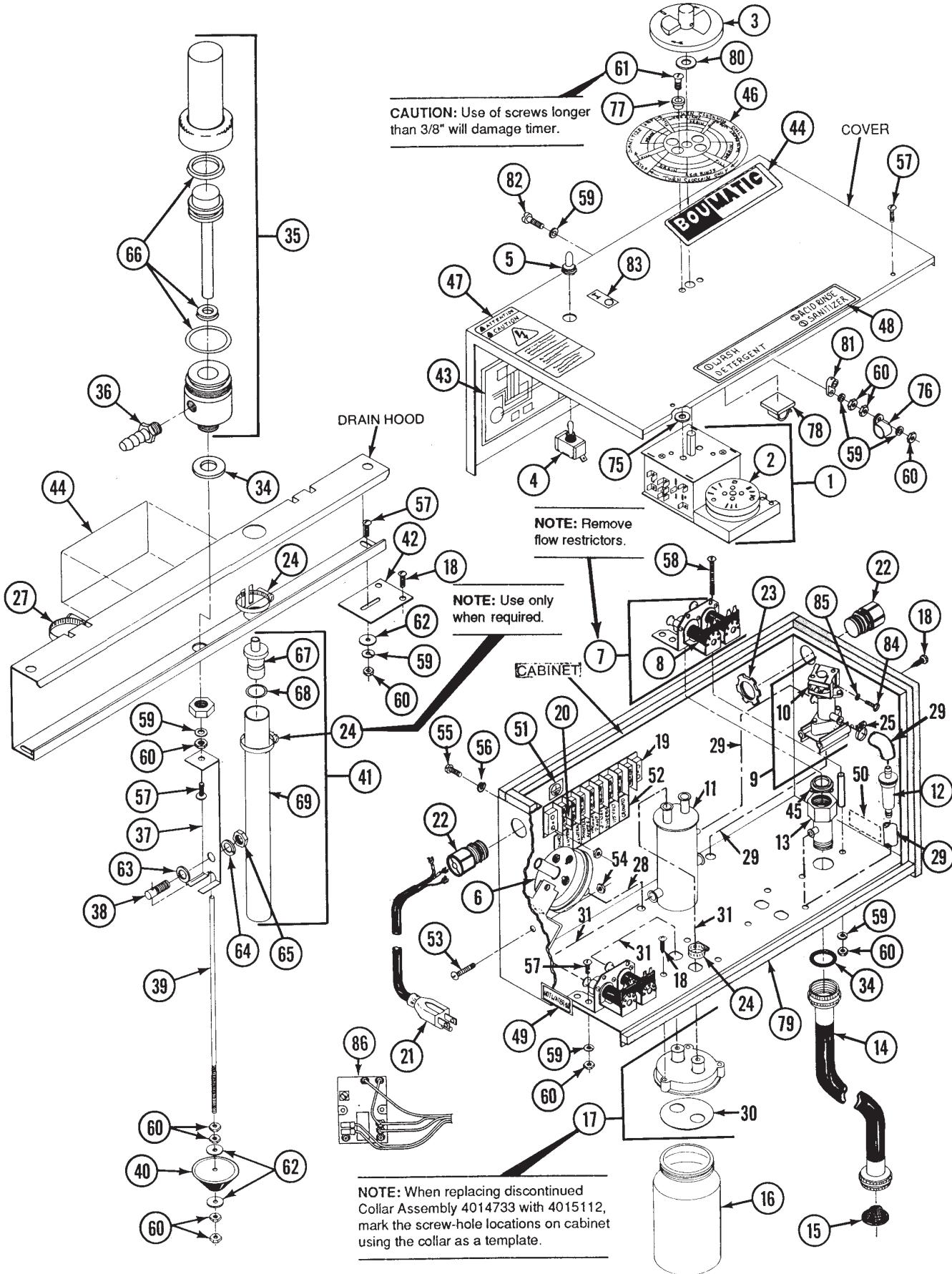
Control Panel Assemblies (Cont.)

| | |
|-----------------------|------------------|
| SECTION C | PAGE 7 |
| EFFECTIVE: 7/21/05 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|------|----------------|-----------------------------|----------------------------------|-----------------------------------|-----|-----|
| | 8513955 | ⊗ | Control Panel Assy | 3955 | | |
| | 8516833 | ⊗ | Control Panel Assy | 6833 | | |
| | 8509988 | | Control Panel Assy | 9988 | | |
| 1 | 8513957 | | Xfmr, 230V, 24/52V, 50/60Hz | 1 | 1 | 1 |
| 2 | 4015303 | | Contactor, 20A, 2-Pole | 1 | - | - |
| | 4021976 | | Contactor, 2-Pole, 1 Hp | - | 1 | - |
| | 8518517 | | Contactor, 3Hp, 1Ph | - | - | 1 |
| 3 | 8513963 | ⊗ n/s | Contactor, 40A, 2-Pole | 1 | - | - |
| 4 | 8514091 | | Xfmr, 230V, 26V, 50/60Hz | 1 | 1 | 1 |
| 5 | 8516828 | | Breaker, Ckt, 15A, VDE | 2 | 2 | 2 |
| 6 | 8513978 | | Block, Terminal, 2-Position | 1 | 3 | - |
| | 1917660 | | Connector, Term Strip, 2 Pos | - | - | 3 |
| 7 | 8513952 | | Lug, Ground, 14 to 4 AWG | 2 | 2 | 2 |
| 8 | 3551897 | | Lug, Ground, 14 to 8 AWG | 2 | 2 | 2 |
| 9 | 8513985 | | PWB Assy, Liq Level Timer | 1 | 1 | 1 |
| 10 | 8513986 | | PWB Assy, Air Inj Timer | 1 | 1 | 1 |
| 11 | 8513990 | ⊗ | Label, Field Wiring | 1 | - | - |
| | 8516851 | ⊗ | Label, Field Wiring, Master | - | 1 | - |
| | 8510159 | | Label, Field Wiring, Master | - | - | 1 |
| 12 | 8618588 | ⊗ | Module Base Assy, 45/52/60PPM | 1 | 1 | - |
| | 8609330 | ⊗ | Module Base Assy, ParlorMetrix | - | - | 1 |
| 13 | 8513958 | | Meter, Hour, 24V | 1 | 1 | 1 |
| 14 | 8516827 | | Switch, PB, S PST, Mom | 1 | 1 | 1 |
| 15 | 8516826 | | Switch, Toggle, DPDT, VDE | 1 | 1 | 1 |
| 16 | 8513994 | ⊗ | Label, Wiring Diag | 1 | - | - |
| | 8515612 | | Label, Wiring Diagram, Master CP | - | 1 | - |
| 17 | 8506167 | | Label, Bou-Matic, 3.0 x 10 | 1 | 1 | 1 |
| 18 | 4016123 | | Label, Caution, Disconnect-Power | 1 | 1 | - |
| | 8504733 | | Label, Wiring, Electrical | - | - | 1 |
| 19 | 8513980 | ⊗ | Label, Milk Pump | 1 | - | - |
| | 8516834 | | Label, Switches, Master Control | - | 1 | 1 |
| 20 | 8513992 | | Gasket, Neo, .38 x .75 x 20.50 | 2 | 2 | 2 |
| 21 | 8513993 | | Gasket, Neo, .38 x .75 x 11.12 | 2 | 2 | 2 |
| 22 | 8513999 | | Trim, Seal, 3.750 | 2 | 2 | 2 |
| 23 | 3551467 | | Nut, Speed, SS, #8 | 1 | 1 | 1 |
| 24 | 8516825 | | Breaker, Ckt, 5A, VDE | - | 1 | 1 |
| 25 | ----- | | Literature 9E-417 | ref | ref | ref |

(Installation & Service Instructions)

Wall Mounted Pipeline Washer

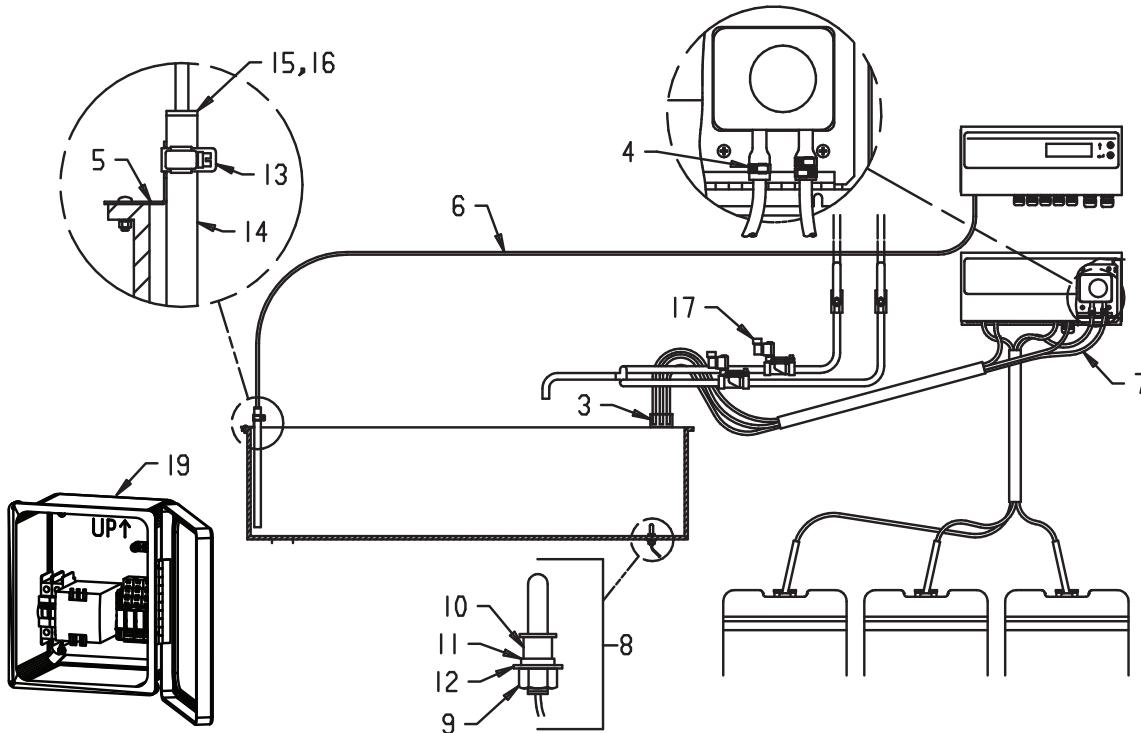


Wall Mounted Pipeline Washer

| | |
|---------------------|------|
| SECTION | PAGE |
| C | 9 |
| EFFECTIVE: 10/10/05 | |

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------------|---|----------------------------|
| - | 8505001 | Washer, Pipeline, Wall-Mtd, 120V | 001 |
| - | 8505768 | Washer, P/L, 230V, 50/60Hz | 768 |
| 1 | 8505074 ⁶ | Kit, Timer, Washer, Drain-NO (Includes items 2, 43 & Timer 8505783) | 1 - |
| | 8505783 | Timer, Pipeline Washer, 230V (Includes motor) | - 1 |
| 2 | 8505042 | Motor, Timer, 115V/60Hz, 3W | 1 - |
| | 8505772 ² | Motor, Timer, 230V, 50/60Hz | - 1 |
| 3 | 8505057 | Knob, Timer | 1 - |
| 4 | 4079115 | Switch, Toggle, SPST | 1 - |
| | 8516824 | Switch, Toggle, DPST, On-Off, VDE | - 1 |
| 5 | 3551793 | Seal, Toggle-Switch | 1 - |
| 6 | 8518190 | Switch, Pressure, Fill | 1 1 |
| 7 | 8519549 | Valve, Solenoid, Dual-Outlet, 120V | 2 - |
| | 4015918 | Valve, Solenoid, 2-Out, 230V (Each includes 2 of items 8 & 8a, and 1 of item 8b) | - 2 |
| 8 | 8519143 | Coil, Solenoid-Valve, 120V | 4 - |
| | 4014959 | Coil, Solenoid-Valve, 230V | - 4 |
| 8a | 8516959 | n/s Diaphragm, N-43 or S-30 | 4 4 |
| 8b | 8504074 | ⊗ n/s Body, Valve, Solenoid | 2 2 |
| 9 | 8505017 | Valve, Solenoid, 3-Way, NO, 120V | 1 - |
| | 8505061 | Valve, 3-Way, 240V/60, 220V/50 (Includes item 10) (See item 26 for valve repair kit) | - 1 |
| | 8505043 | Coil, Solenoid-Valve, 120V | - - |
| 10 | 8506247 | Coil, Solenoid-Valve, 240V | - 1 |
| | 8506277 ³ | Coil, Solenoid-Valve, 208V | - or 1 |
| 11 | 8505035 | Chamber, Mixing | 1 1 |
| 12 | 8505046 | ⊗ n/s Filter, In-Line, 40-Micron BZ | 1 - |
| | 8505098 | Filter, In-Line, 37 Micron | - 1 |
| 13 | 8505011 | Tee, Hose Adaptor | 1 1 |
| 14 | 4011898 | Hose Assy, Water Fill, 5 Ft | 2 2 |
| 15 | 8505044 | Washer, Rubber, w/Screen | 2 2 |
| 16 | 4018856 | Jar, Plastic, 1 Quart | 2 2 |
| 17 | 4014733 | ⊗ Collar Assy, Jar | 2 - |
| | 4015112 | Collar Assy, Jar (shown) | 2 2 |
| 18 | 1023202 | TCSCR, PNH, SS, 10-24 x 3/4 T | 8 8 |
| | 4014171 | ⊗ n/s Block, Terminal, 6-Position | 1 - |
| 19 | 8505052 | ⊗ Block, Terminal, 8-Position | 1 - |
| | 8505746 | ⊗ n/s Block, Terminal, 6-Position | - 1 |
| 20 | 8505053 | ⊗ Jumper, Terminal Block | 1 - |
| 21 | 4011490 | Cord Assy, 3-Cond, 16Ga, 9 Ft | 1 - |
| 22 | 1917532 | Conn, Str-Rlf, .27-.46, 1/2 NPT | 2 2 |
| 23 | 8513814 | Nut, Lock, Conduit, 1/2 NPT | 2 2 |
| 24 | 4012220 | Clamp, Hose, SS, #8, .50-.91 | 13 14 |
| 25 | 8510104 | Clamp, Hose, SS, #7, .25-.62 | 5 7 |
| 26 | 8505784 | ⊗ n/s Kit, Repair, 3-Way, Sol Valve | a/r a/r |
| 27 | 8510101 | Clamp, Hose, SS, #20, .81-1.75 | 1 1 |
| 28 | 8505032 | Hose, Vinyl, .19 x .062W, Clr | a/r a/r |
| 29 | 8505018 | ⊗ Hose, Vinyl, Reinf, .25 x .125W | a/r a/r |
| 30 | 8518772 | Gasket, Jar | 2 2 |
| 31 | 8505785 | Hose, PVC, Reinf, .50 x .156W | a/r a/r |
| 32 | - - - - - | | |
| 33 | - - - - - | | |
| 34 | 4015418 | Washer, Hose | 2 2 |
| 35 | 8505025 ¹ | ⊗ Cylinder, 1 In. Stroke | 1 - |
| | 8505791 | Cylinder, Air, 1.06 x 1.00 | - 1 |
| 36 | 8570069 | Adapter, 1/4 Hose x 1/8 NPT | 1 1 |
| 37 | 8505024 | Bar, Lock, Drain-Rod | 1 1 |
| 38 | 4012228 | ⊗ Bolt, Lock, 3/8-16 | 1 1 |
| 39 | 8505031 | Rod, Stopper, 11.00 Lg | 1 1 |
| 40 | 4012208 | Stopper, Drain, Rubber | 1 1 |
| 41 | 8505009 | Tube Assy, Level-Control (Includes items 67 thru 69) | 1 1 |
| 42 | 8505050 | Adapter, Mounting Hood | 2 2 |
| | 8505037 | Label, Wiring Diag | - - |
| 43 | 8505063 | Label, Wiring Diag | 1 - |
| | 8505749 | ⊗ Label, Wiring Diag, 50/60Hz | - 1 |
| 44 | 8506120 | Label, Bou-Matic, 2.25 x 6 | 2 - |
| | 8506279 | Label, Bou-Matic, 1.5 x 4 | - 2 |
| 45 | 4015418 | Washer, Hose | 1 1 |
| 46 | 8505004 | ⊗ Label, Pipeline-Timer | 1 1 |
| | 85168325 | ⊗ n/s Label, Pipeline Wsh, Guardian I | 1 1 |
| 47 | 4016123 | Label, Caution, Disconnect-Power | 1 - |
| | 8505775 | Label, Caution, Disconnect-Power | - 1 |
| 48 | 8505045 | ⊗ Label, Detergent-Sanitizer | 1 1 |
| 49 | 4011984 | ⊗ Label, Hot-Water-In | 1 1 |
| 50 | 4011985 | ⊗ Label, Cold-Water-In | 1 1 |
| 51 | 8505776 | Label, Ground, International | 1 1 |
| 52 | 4011931 | ⊗ Label, Terminal Block | 1 - |
| | 8505770 | Label, Terminal, 230V | - 1 |
| 53 | 1002157 | ⊗ MSCR, RDH, SS, 4-40 x 1 | 1 3 |
| 54 | 1204376 | Nut, Hex, Mscr, SS, 4-40 | 1 3 |
| | 1096183 | MSCR, PNH, SS, 8-32 x 3/4 | 2 - |
| 55 | 1209383 | Wsh, Lock, Hlcl Spr, SS, #8 | 2 - |
| 56 | 1096200 | MSCR, PNH, SS, 10-24 x 1/2 | 5 6 |
| 57 | 1096220 | MSCR, RDH, SS, 10-24 x 2-1/4 | 2 2 |
| 58 | 1002210 | Wsh, Lock, Hlcl Spr, SS, #10 | 5 - |
| 59 | 1209384 | Washer, Lock, Intl-T, SS, #10 | - 17 |
| | 1235384 | Nut, hex, Mscr, SS, 10-24 | 7 17 |
| 60 | 1204379 | MSCR, PNH, SS, 10-32 x 3/8 | 2 - |
| 61 | 1096216 | MSCR, PNH, SS, 10-32 x 3/4 | - 2 |
| | 1096220 | Wsh, SS, .203 x .750 x .060 | 4 4 |
| 62 | 4012196 | Washer, Plain, SS, 3/8 | 1 1 |
| 63 | 1208388 | Wsh, Lock, Hlcl Spr, SS, 3/8 | 1 1 |
| 64 | 1209388 | Nut, Hex, SS, 3/8-16 | 1 1 |
| 65 | 1203354 | Kit, Seal, Drain Cylinder | 1 1 |
| 66 | 8505095 | Adapter, Tube, Level Control | 1 1 |
| | 8505790 | O-ring, 0.424 x .103 | 1 1 |
| 67 | 4015689 | Tube, SS, .750 x .049 x 13.38 | 1 1 |
| 68 | 8505789 | Literature 9E-454 | - ref |
| 69 | 8505789 | (Installation & Operation Instructions) | |
| 70 | - - - - - | | |
| 71 | 8505036 | n/s | |
| | 8505761 | n/s | |
| 72 | 1979007 | n/s | |
| | 4079151 | n/s | |
| 73 | 4079151 | n/s | |
| | 8505083 | n/s | |
| 74 | 8505083 | n/s | |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 3 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 3 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | 8505083 | Kit, Cylinder Replacement | 1 - |
| | - - - - - | (Includes wider drain hood and 8505791 cylinder) | |
| | 8505036 | Wire Harness | 1 - |
| | 8505761 | Wire Harness, P/L, 230V | - 1 |
| | 1979007 | Tie, Cable, 11.50 x .18 | a/r a/r |
| | 4079151 | Hose, Vinyl, 1.00 x .125W, Clr | a/r a/r |
| | | | |

Guardian II Pipeline Washer



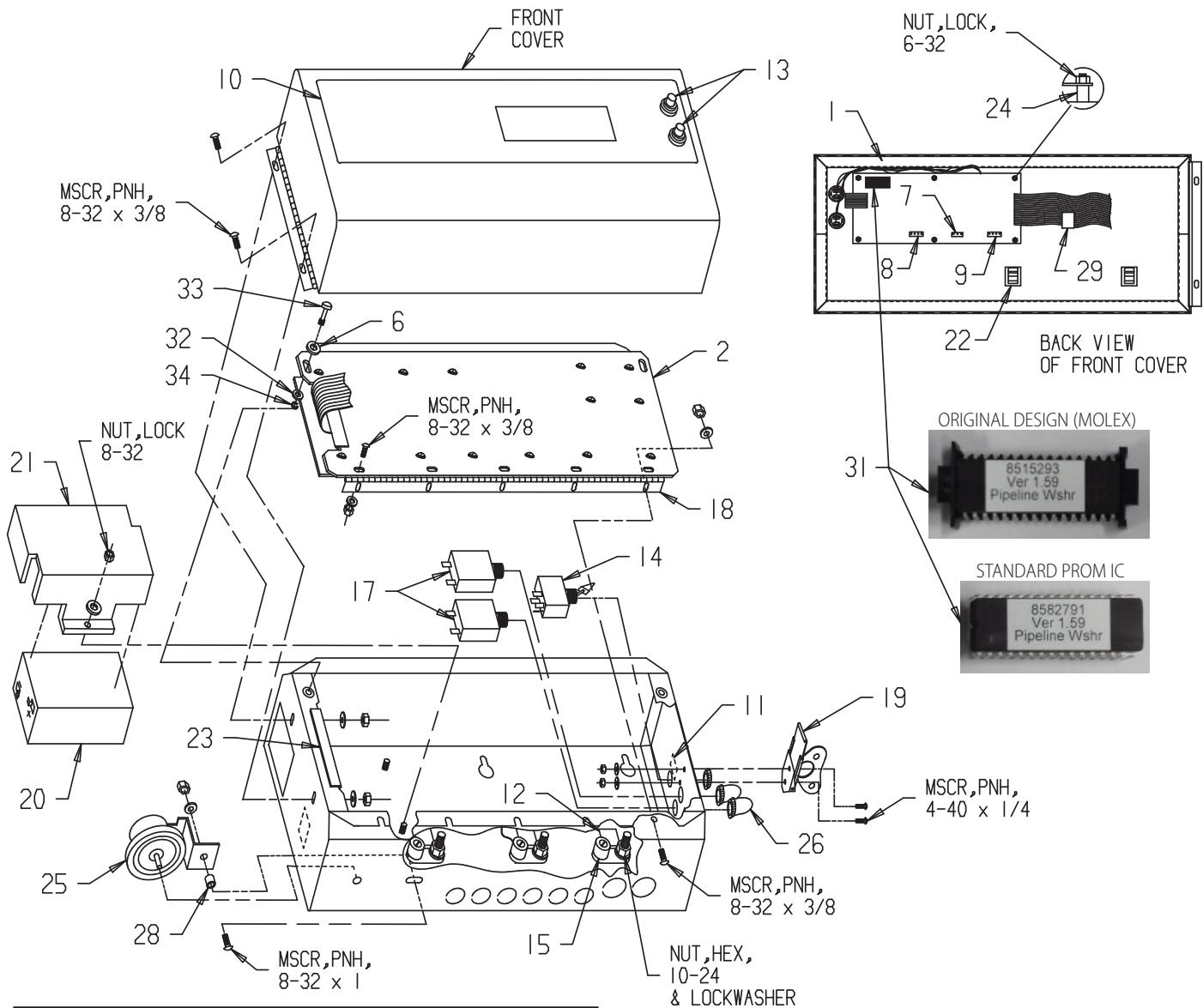
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------------------|----------------------|--|-----------------------------------|
| | ⊗=OBsolete | | |
| | n/s=NOT SHOWN | | |
| 8516325 | | Washer, Guardian II, w-1/2"Valves | 325 |
| 8515270 | | Washer, Guardian II, w-3/4" Valve | 270 |
| 8515271 | ⊗ | Washer, Guardian II, w-1" Valve | 271 |
| 8515272 | ⊗ | Washer, Guardian II, w-1.5" Valve | 272 |
| 8515273 | ⊗ | Washer, Guardian II, w-2" Valve | 273 |
| 8516983 ¹ | ⊗ | Guardian II Assy, w/o Valves | 983 |
| 8597816 | | Washer,Guardian II, w/Converter | 816 |
| 1 | - - - - - | Control Assy, Electrical (Parts on page C-11) | 1 1 1 1 1 1 1 |
| 2 | - - - - - | Control Assy, Pump (Parts on page C-12) | 1 1 1 1 1 1 1 |
| 3 | 8516996 | Bracket, Tube | 1 1 1 1 1 1 1 |
| 4 | 8516844 | Clamp, Hose, SS, #6, .31-.88 | 9 9 9 9 9 9 9 |
| 5 | 8516994 | Bracket, Fill Tube | 1 1 1 1 1 1 1 |
| 6 | 8505032 | Hose, Vinyl, .19 x .062W, Clr | a/r a/r a/r a/r a/r a/r a/r |
| 7 | 8516999 | Hose, Poly, Nat, .25 ID x 100 Ft | a/r a/r a/r a/r a/r a/r a/r |
| 8 | 8516995 | Sensor, Temperature, Guardian II (Includes items 9-12) | 1 1 1 1 1 1 1 |
| 9 | 1203368 | Nut, Hex, SS, 7/16-20 | 1 1 1 1 1 1 1 |
| 10 | 8516998 | Gasket, Tube Sensor | 1 1 1 1 1 1 1 |
| 11 | 4015418 | Washer, Hose | 1 1 1 1 1 1 1 |
| 12 | 1208389 | Washer, Plain, SS, 7/16 | 1 1 1 1 1 1 1 |
| 13 | 4012220 | Clamp, Hose, SS, #8, .50-.91 | 1 1 1 1 1 1 1 |
| 14 | 8505789 | Tube, SS, .750 x .049 x 13.38 | 1 1 1 1 1 1 1 |
| 15 | 8505790 | Adapter, Tube, Level Control | 1 1 1 1 1 1 1 |
| 16 | 4015689 | O-ring, 0.424 x .103 | 1 1 1 1 1 1 1 |
| | 8515767 | ⊗ Valve, Water, .50, 220/240 VAC | 2 - - - - - - |
| | 8515768 | ⊗ Valve, Water, .75, 220/240 VAC | - 2 - - - - - |
| 17 | 8503077 | Valve, Water, 1.00 NPT, 220/240 VAC | - - 2 - - - - |
| | 8503078 | Valve, Water, 1.50 NPT, 220/240 VAC | - - - 2 - - - |
| | 8503079 | Valve, Water, 2.00, 220/240 VAC (Parts on page C-17) | - - - - 2 - - |
| 18 | 8516997 | n/s Label, Guardian II, Wires | 1 1 1 1 1 1 1 |
| 19 | 3564084 ² | 230VAC to 24VDC Converter Enclosure (Parts on page C-12) | 1 1 1 1 1 1 1 |
| 20 | 3564097 ² | 230VAC to 24VDC, Conv, Retrofit (Includes item 19 and three 24VDC Pumps 8597970 ³)(shown on page C-12) | a/r a/r a/r a/r a/r a/r a/r |
| 21 | - - - - - | Literature 9ES-680 (Installation, Operation & Maintenance Instructions) | ref ref ref ref ref ref ref |

Notes:

- Notes:
1. Replaced by 8597816.
2. For pumps prior to August 2023. Pumps after August 2023 are 24VDC input.
3. Was 8515262.

Guardian II Electrical Control Assembly

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 11 |
| EFFECTIVE: 5/30/23 | |



| ITEM | PART NO. | Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=as req.) |
|---|----------|---------------------------|--|---------------------------|
| 8516981 Control Assy, Electrical | | | | |
| 1 | 8516989 | | Gasket, Wrapper | 1 |
| 2 | 8507347 | | PWB's & Door Assy (Includes items 3-9) | 1 |
| 3 | 1931818 | n/s | Fuse, 1.00A, 250V, Slow 1.25 x .25 | 1 |
| 4 | 1932205 | ⊗ | n/s FuseHolder, 5 x 20 mm, Plastic (For use with metric size fuses) | 6 |
| | 1932204 | ⊗ | n/s FuseHolder, 1.25 x .25, Plstc Cap | 6 |
| 5 | 1931833 | n/s | Fuse, 6.25A, 250V, Slow 1.25 x .25 | 6 |
| 6 | 1208384 | | Washer, Plain, SS, #10 | 2 |
| 7 | 1917631 | | Connector, Term Strip, 3 Pos | 1 |
| 8 | 1917632 | | Connector, Term Strip, 4 Pos | 1 |
| 9 | 1917633 | | Connector, Term Strip, 5 Pos | 1 |
| 10 | 8516986 | | Label, Door, Elect Control | 1 |
| 11 | 8505777 | | Label, On-Off, International | 1 |
| 12 | 8505776 | | Label, Ground, International | 3 |
| 13 | 1980311 | | Switch, PB, SPST, Mom | 2 |
| 14 | 8516824 | | Switch, Toggle, DPST, On-Off, VDE | 1 |
| 15 | 8513952 | | Lug, Ground, 14 to 4 AWG | 3 |
| 16 | 8516990 | n/s | Wire Harness, Circuit Breaker | 1 |
| 17 | 8516828 | | Breaker, Ckt, 15A, VDE | 2 |
| 18 | 8516978 | | Hinge, w/Holes, 16.00" Lg | 1 |
| 19 | 8515269 | | Fastener, Link-Lock | 1 |
| 20 | 1912504 | | Battery, 6V, Lead-Acid | 1 |

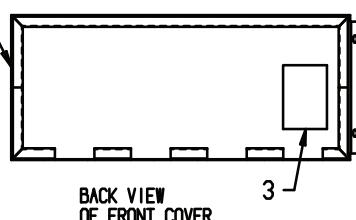
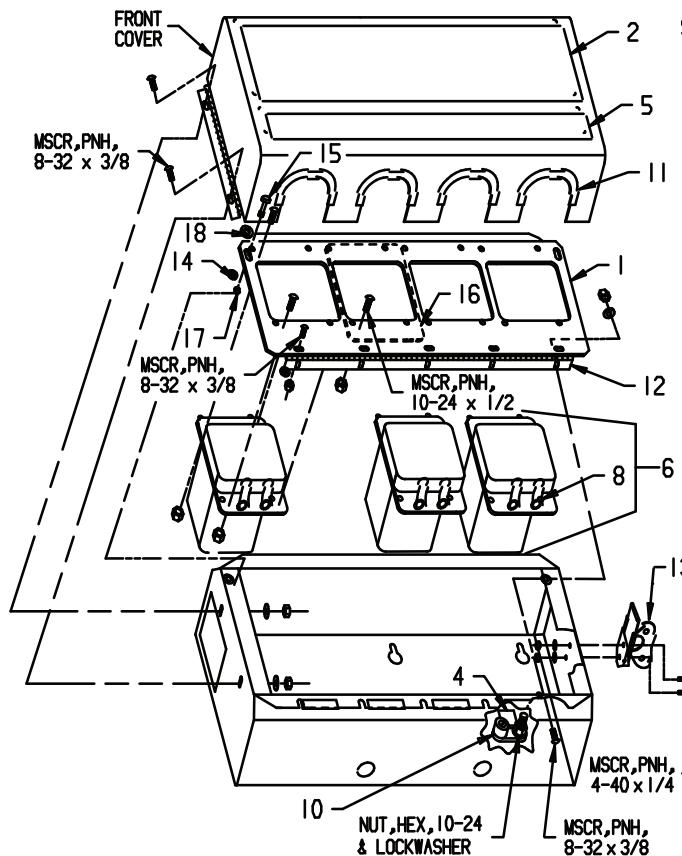
| | | | |
|----|----------------------|--|-----|
| 21 | 3554934 | Bracket, Battery, 6 Volt | 1 |
| 22 | 1914003 | Clamp, Cable, 1/2 Dia, Adh | 3 |
| 23 | 4016780 | Trim, Seal Flexible | a/r |
| 24 | 1979605 | Spacer, Round, .62 x .14, Nyl | 6 |
| 25 | 8518190 | Switch, Pressure, Fill | 1 |
| 26 | 4015960 | Seal, Switch, Ckt-Breaker | 2 |
| 27 | 8515437 | n/s Wire Harness, Fill Switch | 1 |
| 28 | 1979606 | Spacer, Round, .62 x .20, Nyl | 1 |
| 29 | 4015321 | Clamp, Cable, Self-Stick | 1 |
| 30 | 8516987 | ⊗ n/s Label, Guardian II, Wiring | 1 |
| 31 | 8515293 ¹ | PROM, NEW, IN CAR, GRDIN 2, LANG 1 (English, French, German, Dutch, Spanish & Italian) | 1 |
| | 8582791 ² | PROM, NEW, NO CAR, GRDIN 2, LANG 1 | 1 |
| | 8501297 ¹ | ⊗ PROM, NEW, IN CAR, GRDIN 2, LANG 2 (English, Slovakian, German, Dutch, Spanish & Italian) | 1 |
| | 8582792 ² | PROM, NEW, NO CAR, GRDIN 2, LANG 2 | 1 |
| 32 | 1208384 | Washer, Plain, SS, #10 | 4 |
| 33 | 1096206 | ⊗ Mscr, Pnh, SS, 10-24 x 3/4 | 2 |
| 34 | 1222379 | Nut, Lock, Elastic, SS, 10-24 | 2 |
| 35 | 8516892 | n/s Filter, EMI, Clamp-on, .5" | 1 |

Notes:

1. Prior to 2007 (Molex design).

2. In January 2007 Boumatic transitioned from Molex to a standard PROM IC.

Guardian II Pump Control Assembly Glacier Guard Pump Control Assembly

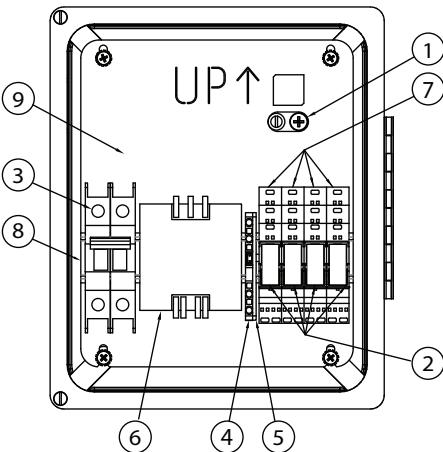


| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|-----------------------------------|--|---------------------------|
| | 8516984 | Control Assy, Pump | 984 |
| | 4023253 | Control Assy, Pump | 253 |
| 1 | 8515283 | Door, Mounting, Motor Unit | 1 1 |
| 2 | 8515261 | Label, Door, Motor Control | 1 - |
| | 4023256 | Label, Door, Pump Control | - 1 |
| 3 | 8505775 | Label, Warning, Eng/Fr/Gr/Span Aux | 1 - |
| | 4023255 | Label, Warning, Eng/Fr/Gr/Span Aux | - 1 |
| 4 | 8505776 | Label, Ground, International | 1 1 |
| 5 | 8515264 | Label, Chemical, Mixing | 1 1 |
| 6 | 8515262 ¹ ⊗ | Pump, Chemical (Includes items 7 & 8) | 3 3 |
| | 8597970 | Pump, Chemical, 24VDC, w/hose | 3 3 |
| 7 | 8515885 | n/s Kit, Repair Chemical Pump (Includes: Housing, Cover, Screws, Washers & Roller Assembly) | a/r a/r |
| 8 | 8516164 | Kit, Hose, Guardian II (3 Hose) | 1 1 |
| | 8515267 | Hose, Norprene, .25 ID x 25' | a/r a/r |
| 9 | 8516989 | Gasket, Wrapper | 1 1 |
| 10 | 8513952 | Lug, Ground, 14 to 4 AWG | 1 1 |
| 11 | 4016780 | Trim, Seal Flexible | a/r a/r |
| 12 | 8516978 | Hinge, w/Holes, 16.00" Lg | 1 1 |
| 13 | 8515269 | Fastener, Link-Lock | 1 1 |
| 14 | 8516821 ⊗ | Washer, Retaining, SS, #10 | 2 2 |
| 15 | 8507348 ⊗ | Screw, Captive, SS, 10-24 x 5/8 | 2 2 |
| 16 | 8507349 | Plate, Blank | 1 1 |
| 17 | 8515856 ⊗ | Ring, Retaining, Ext., 156 | 2 2 |
| 18 | 1208384 | Washer, Plain, SS, #10 | 2 2 |

Notes:

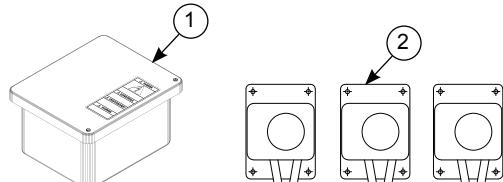
1. Replaced by 8597970. Pumps after August 2023 are 24VDC. If replacing older parts, order retrofit kit 3564097 - 230VAC to 24VDC, Conv, Retrofit.

230VAC to 24VDC Converter Enclosure



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|--------------------------------|----------------------------|
| | 3564084 | 230VAC TO 24VDC CONV ENCLOS | - |
| 1 | 8513952 | LUG, GROUND, 14 TO 4 AWG | 1 |
| 2 | 4040111 | RELAY, 1 C/O, 230 VAC | 4 |
| 3 | 3564085 | BREAKER, CKT, 2-POLE, 0.5A | 1 |
| 4 | 3558253 | CONNECTOR, PWR, DIN RAIL MTG | 1 |
| 5 | 3559012 | BARRIER, CONN, DIN RAIL MTG | 1 |
| 6 | 3557976 | POWER SUPPLY, 24VDC, 4.0A, DIN | 1 |
| 7 | 4029151 | BASE, OVERRIDE, RELAY | 4 |
| 8 | 3558682 | RAIL, DIN, 7.50 | 1 |
| 9 | 3558681 | PLATE, MTG, POWER SUPPLY | 1 |

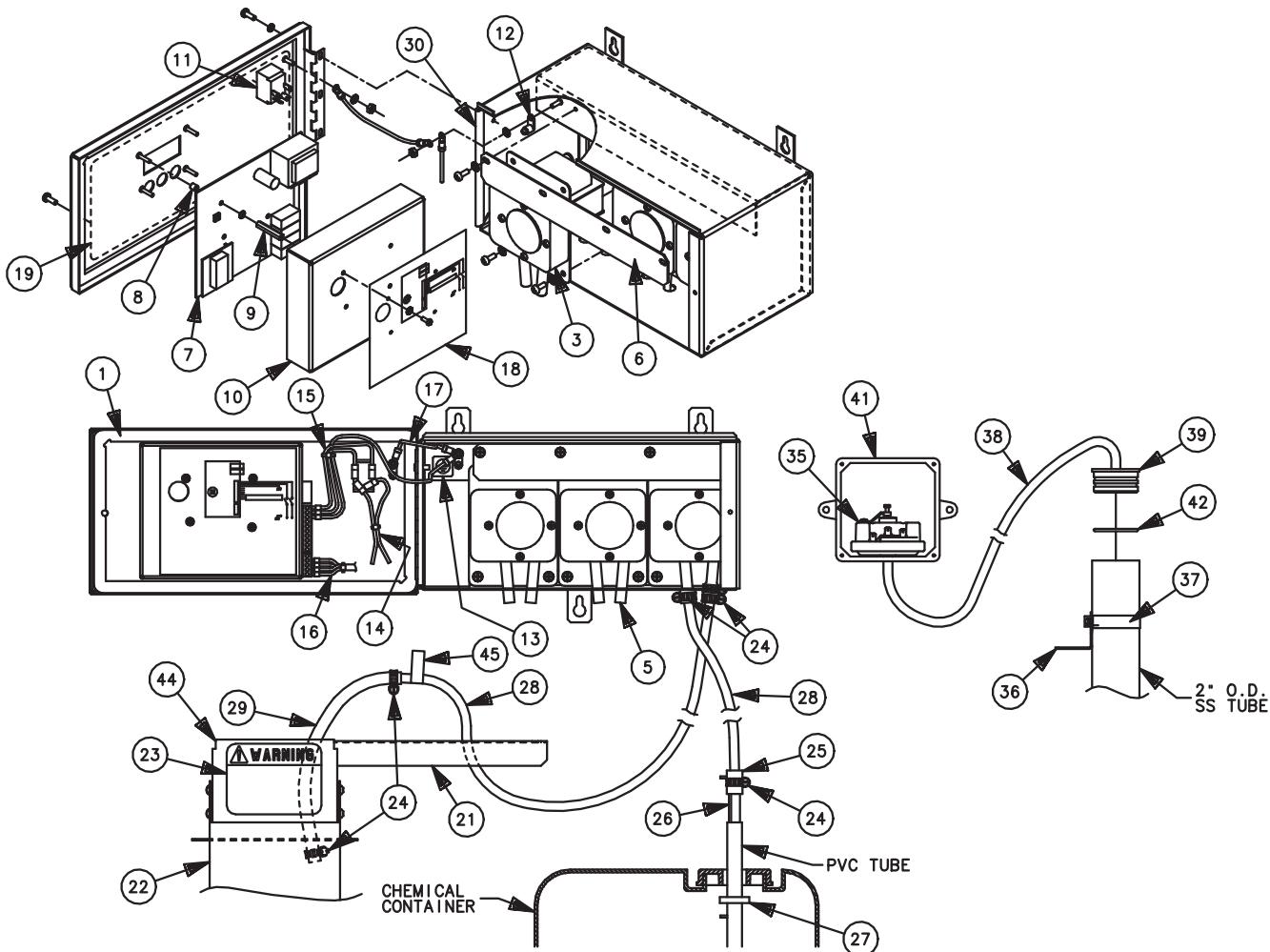
230VAC to 24VDC Converter Retrofit Kit



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|---------------------------------|----------------------------|
| | 3564097 | 230VAC TO 24VDC, CONV, RETROFIT | - |
| 1 | 3564084 | 230VAC TO 24VDC CONV ENCLOS | 1 |
| 2 | 8597970 | Pump, Chemical, 24VDC, w/hose | 3 |

Dari-Chem Control Assembly

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 13 |
| EFFECTIVE: 9/22/23 | |

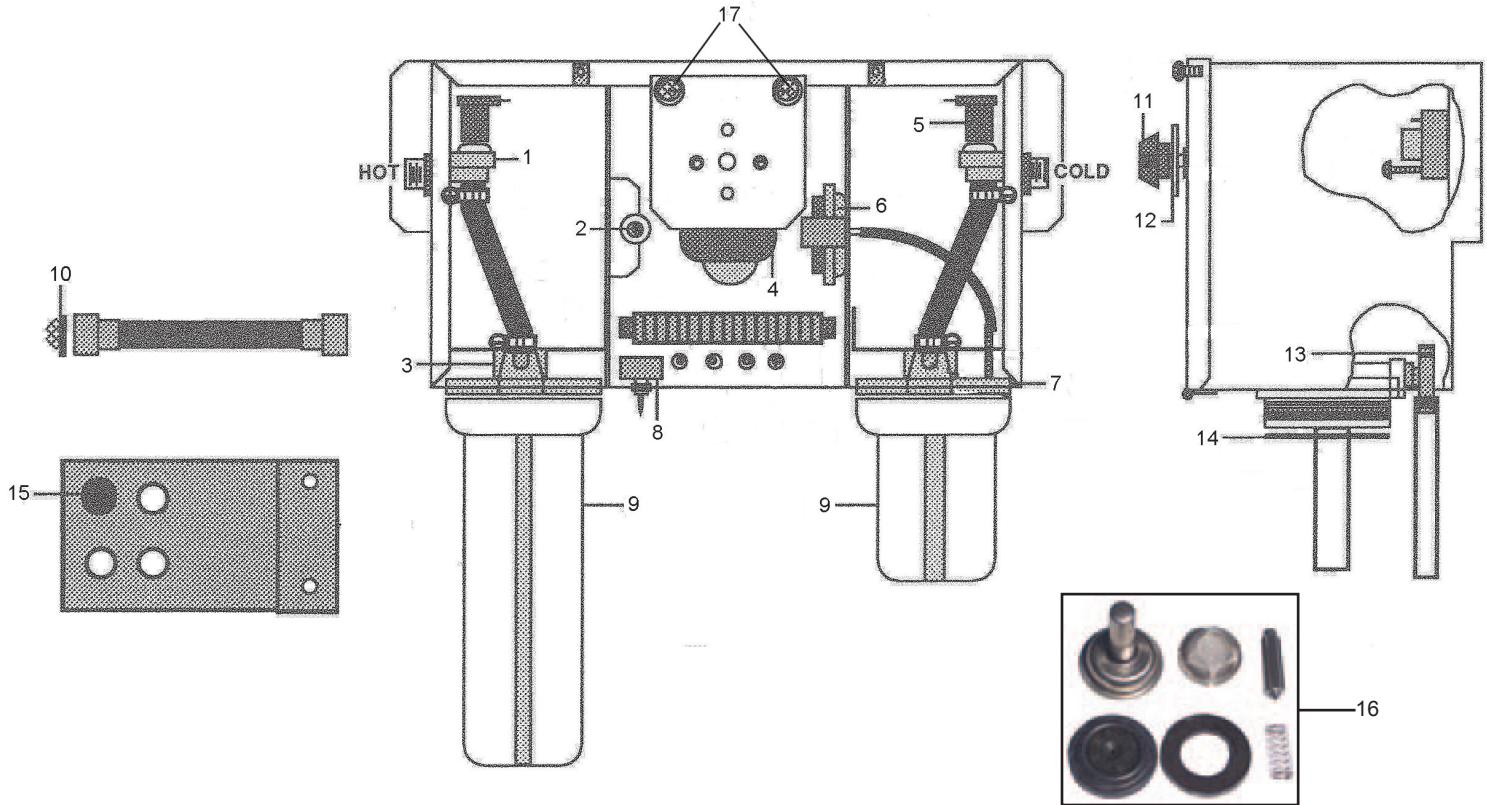


| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|---|----------------------|--|---------------------------|
| 8502357 Control Assy, Dari-Chem | | | |
| 1 | 8502560 | Gasket, Cover, Pump Control | 1 |
| 2 | 8502372 | n/s ⊗ OBSOLETE Fuse, 2.00A, 250V, Slow, 20mm x 5mm | 2 |
| 3 | 8515262 ¹ | Pump, Chemical (Includes Items 4 & 5) | 3 |
| | 8597970 | Pump, Chemical, 24VDC, w/hose | 3 |
| 4 | 8515885 | n/s ⊗ Kit, repair, Chemical Pump (Includes Housing, Cover, Screws Washers & Roller Assembly) | a/r |
| 5 | 8516164 | Kit, Hose, Guardian II (3 Hose) | 1 |
| | 8515267 | Hose, Norprene, .25 ID x 25' | a/r |
| 6 | 8502370 | Plate, Mtg, Pump Motor | 1 |
| 7 | 8502350 | Pwb Assy, Pump Mod (for service of Sani-Dose [3557734] PWB) | 1 |
| 8 | 1979609 | Spacer, Round,.25 x.14, Nyl | 4 |
| 9 | 1979720 | Spacer, Thd, Hex, 6-32 x 1.375, Nyl | 4 |
| 10 | 8502351 | Cover, Electronics, Pump Mod | 1 |
| 11 | 8516824 | Switch, toggle, Dpst, On-Off, VDE | 1 |
| 12 | 3551897 | Lug, Ground, 14 to 8 AWG | 1 |
| 13 | 8505776 | Label, Ground, International | 1 |
| 14 | 8502352 | Wire Harness, Power, Pump Mod | 1 |
| 15 | 8502353 | Wire Harness, Power, Switch | 1 |
| 16 | 8502354 | Wire Harness, Pump, Pump Mod | 1 |
| 17 | 8502355 | Wire Assy, 16 Ga, Grn, Strd, 9.00 | 1 |
| 18 | 8502361 | Label, Wiring Diag, Pump Mod | 1 |
| 19 | 8502343 | Label, Cover, Dari-Chem | 1 |
| 20 | 8502573 | Kit, Bracker & Tube, Chemical (Includes Items 21 thru 29) | 1 |
| 21 | 8502569 | Bracket, Tube support Arm | 1 |
| 22 | 8502568 | Door, Tube Shield | 1 |

Notes:
1. Replaced by 8597970.

| | | | |
|----|---------|---|-----|
| 23 | 8502567 | Label, Warning, Chemical | 1 |
| 24 | 8516844 | Clamp, Hose, SS, #6, .31-.88 | 18 |
| 25 | 8502562 | Retainer, Hose, Split | 3 |
| 26 | 8502563 | Retainer, Hose Wire | 3 |
| 27 | 8502565 | Wshtr, Polye, .66 x 1.25 x .25 | 3 |
| | 8502564 | Wshtr, Polye, 1.10 x 1.75 x .25 | 3 |
| 28 | 8516999 | Hose, Poly, Nat, .25 ID x 100 Ft | a/r |
| 29 | 8516891 | Hose, Poly, Nat, .37 ID x 100 Ft | a/r |
| 30 | 4016780 | Trim, Flexible, Seal | a/r |
| 31 | ----- | Literature 9ES-761 | a/r |
| | ----- | (Installation Instructions) | a/r |
| 32 | ----- | Literature 9E-781 | a/r |
| | ----- | (Installation instructions, bracket) | a/r |
| 33 | 8502703 | Kit, Support Arm (includes items 21 thru 24) | a/r |
| 34 | 8502704 | Kit, Level Switch, Dari-Chem (Includes items 35 thru 43) | a/r |
| 35 | 8518190 | Switch, pressure, Full | 1 |
| 36 | 8516994 | Bracket, Fill Tube | 1 |
| 37 | 8514033 | Clamp, Hose, SS, #36, 1.80 - 2.75 | 1 |
| 38 | 8505032 | Hose, Vinyl, .19 x .062W, Clr | a/r |
| 39 | 8502702 | Adapter, Tube, Level Control | 1 |
| 40 | 8502698 | n/s ⊗ Label, Warning, Junction Box | 1 |
| 41 | 3557209 | Box, Junction, 4 x 4 x 4 | 1 |
| 42 | 3553693 | O-Ring, 1.674 x .103, Buna-N | 1 |
| 43 | ----- | Literature, 9E-782 (Installation Instructions,Level Switch) | a/r |
| 44 | 8502570 | Bracket, Tube Support | 1 |
| | 8516997 | Label, Guardian, Hose | 1 |

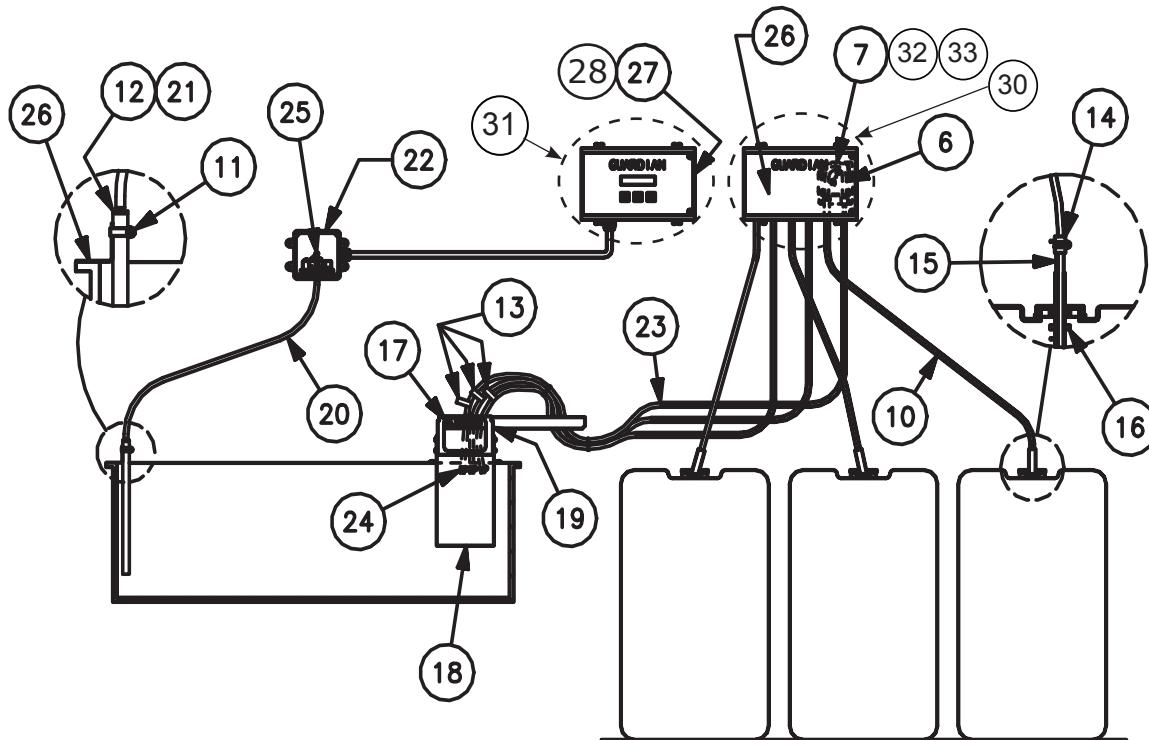
Guardian JW



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|---|-----------------------------------|
| --- | 4041386 | | WASHER, PIPELINE, 2-JAR, 120V | 1386 |
| --- | 4041387 | | WASHER, PIPELINE, 2-JAR, 240V | 1387 |
| 1 | 4041408 | | VALVE,WATER, 120V | 2 - |
| | 4041499 | | VALVE,WATER, 240V | - 2 |
| 2 | 4041407 | | CIRCUIT BREAKER,10A | 1 1 |
| 3 | 4041406 | | ASSY,DETERGENT JAR TOP | 1 1 |
| 4 | 4041405 | | TIMER,120V,STAND 8 MINUTE WASH | 1 - |
| | 4041404 | | TIMER,240V,STAND 8 MINUTE WASH | - 1 |
| | 4041403 | | MOTOR,120V,TIMER,120V,6 MINUTE WASH | 1 - |
| | 4041502 | | MOTOR,240V,TIMER | - 1 |
| 5 | 4041402 | | COIL,110 VAC | 4 - |
| | 4041503 | | COIL, 240V | - 4 |
| 6 | 4041401 | | SWITCH,PRESSURE | 1 1 |
| 7 | 4041400 | | ASSY,ACID JAR TOP | 1 1 |
| 8 | 4041399 | | SWITCH,DPDT TOGGLE | 1 1 |
| 9 | 4041398 | | JAR,DETERGENT AND ACID | 2 2 |
| 10 | 4041397 | | GASKET,HOSE | 6 6 |
| 11 | 4041396 | | KNOB,TIMER | 1 1 |
| 12 | 4041395 | | INDICATOR,DIAL | 1 1 |
| 13 | 4041394 | | ASSY,RUN TEE CHECK VALVE | 1 1 |
| 14 | 4041393 | | GASKET,DETERGENT AND ACID JAR | 2 2 |
| 15 | 4041392 | | BUSHING,PRESSURE SWITCH | 1 1 |
| 16 | 4041391 | ⊗ n/s | KIT,WATER VALVE REPAIR 127900 KIT, REPAIR, SOLENOID | a/r a/r a/r a/r |
| 17 | 4041516 | | LAMP, PIPELINE WASHER, JW, 120V | 2 - |
| | 4041515 | | LAMP, PIPELINE WASHER, JW, 240V | - 2 |

Guardian/Guardian Supreme

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 15 |
| EFFECTIVE: 3/13/23 | |



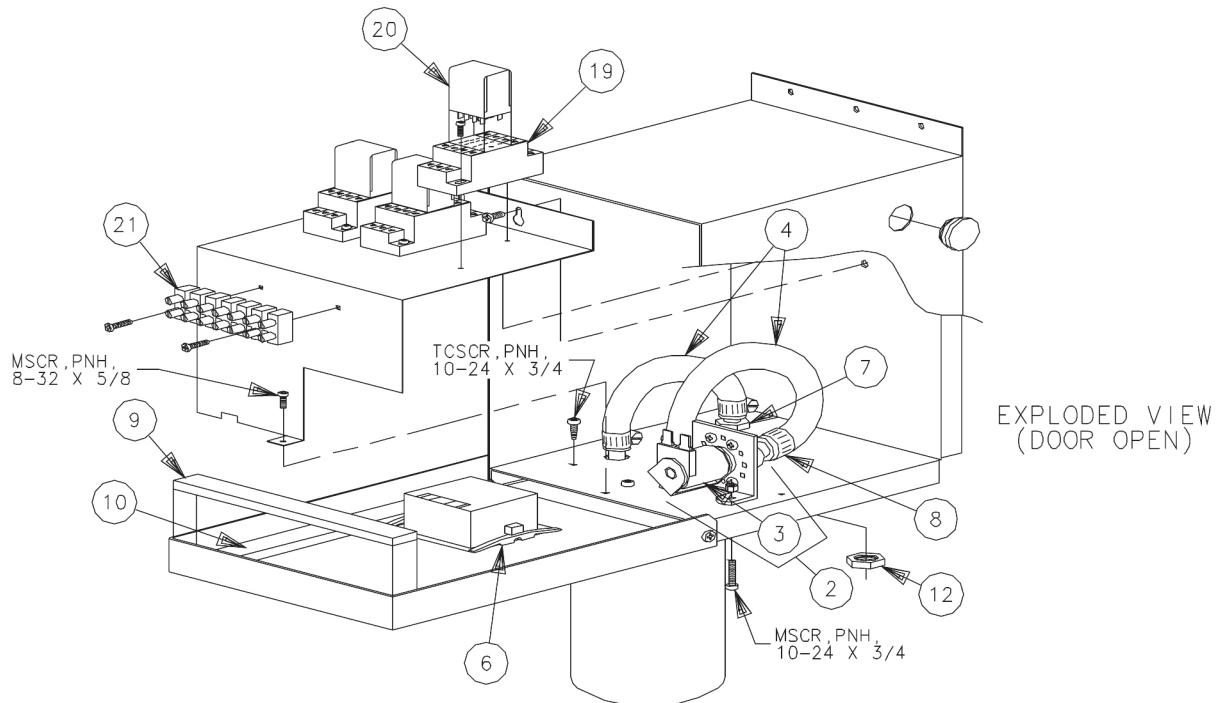
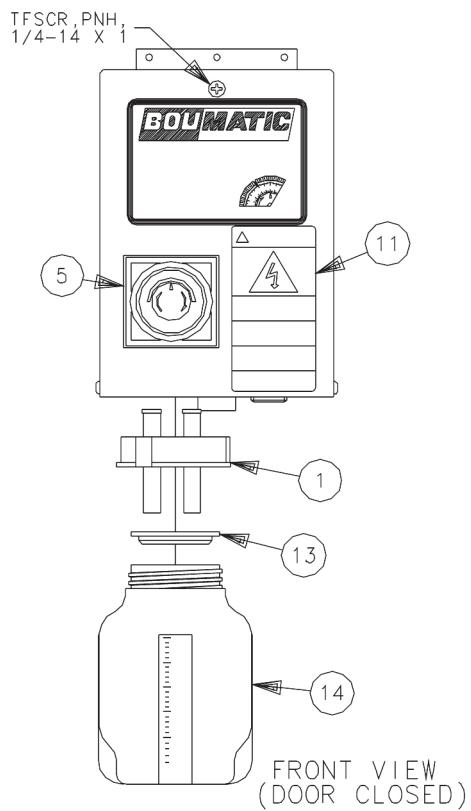
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED | |
|------|----------------------|-----------------------------|---|-------------------|-----|
| | | | | (a/r=AS REQUIRED) | |
| - | 8507517 | ⊗ | Kit,Guardian Supreme,STD | 517 | - |
| - | 8507518 | ⊗ | Kit,Guardian Supreme,3Way | 518 | - |
| - | 8510276 | | Kit,Guardian,Washer & Fill (N.A.) | - | 276 |
| 1 | 8510904 ¹ | ⊗ | n/s EPROM,Guardian,V2 (Version 2.xx, 2006 & earlier) | 1 | 1 |
| | 8584803 ² | | n/s GUARDIAN SUPREME MEMORY (Version 3.xx, 2007 - current) | 1 | 1 |
| 3 | 8510906 | | n/s Kit,PWB Set,Guardian Washer (Both Relay & Processor Boards must be returned) | 1 | 1 |
| 4 | 8507717 | | n/s Fuse,5x20,2A Slow,Pk of 10 | a/r | a/r |
| 5 | 8507718 | | n/s Fuse,5x20,.63A Slow,Pk of 10 | a/r | a/r |
| 6 | 8507719 | | Hose,U,Guardian Pump (Included barb connectors) | 3 | 3 |
| 7 | 8507720 | | Pump,Chemical,Guardian | 3 | 3 |
| 8 | 8507721 | ⊗ | n/s Sensor,200MM,Guardian | 1 | 1 |
| 9 | 8507722 | ⊗ | n/s Sensor,600MM,Guardian | 1 | 1 |
| 10 | 8508821 | | HOSE,PVC,.31X.44,CLR,100'(30M) | a/r | a/r |
| 11 | 4012220 | | Clamp,Hose,SS, #8, .50-.91 | 1 | 1 |
| 12 | 4015689 | | O-Ring,0.424 x .103 | 1 | 1 |
| 13 | 8516997 | | LABEL,GUARDIAN II,WIRES+HOSES | 1 | 1 |
| 14 | 8502562 | | Retainer,Hose,Split | 3 | 3 |
| 15 | 8502563 | | Retainer,Hose,Wire | 3 | 3 |
| 16 | 8502565 | | WSHR,POLYE,.855 X1.50 X .25 | 3 | 3 |
| 17 | 8502567 | | Label,Warning,Chemical | 1 | 1 |
| 18 | 8502568 | | Door,Tube Shield | 1 | 1 |
| 19 | 8502570 | | Bracket,Tube Support | 1 | 1 |
| 20 | 8505028 | | HOSE,VINYL,.19 X 72.00 | - | 1 |
| 21 | 8505790 | | Adapter,Tube,Level Control | - | 1 |
| 22 | 8510274 | | Box,Junction,4 x 4 x 4,W/Holes | - | 1 |
| 23 | 8510275 | | Hose,Vinyl,.19 x .031W,Clear | a/r | a/r |
| 24 | 8516844 | | Clamp,Hose,SS, #6, .31-.88 | 3 | 3 |
| 25 | 8518190 | | Switch,Pressure,Fill | - | 1 |
| 26 | 8511109 | ⊗ | Label, Chemical, Guardian | 1 | 1 |
| 27 | 8502698 | | LABEL,WARNING,JUNCTION BOX | 1 | 1 |
| 28 | F10558 ³ | ⊗ | LABEL,DISPLAY,GUARDIAN V.3 | 1 | 1 |
| | F10559 ³ | ⊗ | DISPLAY LABEL GUARDIAN V.1/2 | 1 | 1 |
| | 8584801 | | GUARDIAN SUPREME KEYBOARD | 1 | 1 |
| 29 | 8583865 ² | n/s | PCB OPTION GUARDIAN SUPREME Extension Board for GM Parlors | 1 | - |
| 30 | 8583863 ² | | PUMP BOX, GUARDIAN SUPREME | 1 | 1 |
| 31 | 8583862 ² | | MAIN BOX, GUARDIAN SUPREME | 1 | 1 |
| 32 | 8589551 | n/s | PCB,PUMP, GUARDIAN SUPREME | 1 | 1 |
| 33 | 8587691 | n/s | Internal Rollers,Guardian Pump | 1 | 1 |
| 34 | 8507545 | ⊗ | n/s VALVE,3-WAY,WASHER,AIR-OPER | a/r | a/r |
| 35 | 8507544 | ⊗ | n/s ELECTRO VALVE PILOT ASSY | a/r | a/r |
| 36 | 8583864 | n/s | PILOT BOX VALVE | a/r | a/r |

NOTE:

1. Only to be used with Guardian Washer.
2. Only to be used with Guardian Supreme Washer.
3. Replaced by 8584801.

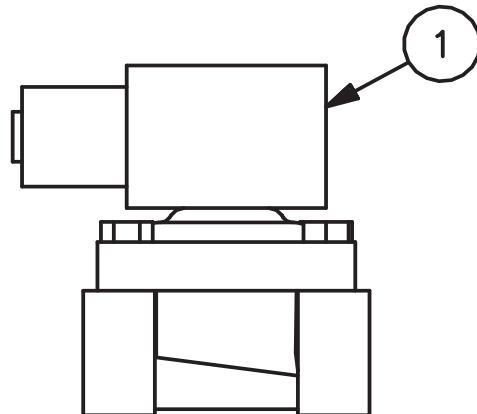
Sanitizer Assembly 115V & 230V

| ITEM | PART NO. | QTY n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (s/r=AS REQUIRED) |
|------|----------|----------------------|--|-----------------------------------|
| | 8505792 | ⊗ | Sanitizer Assy, 24 Hr, 230V | 5792 |
| | 8506792 | ⊗ | Sanitizer Assy, 24 Hr, 115V | 6792 |
| 1 | 4014944 | | Collar, Jar | 1 1 |
| 2 | 8506788 | | Valve, Solenoid, 1-Out, 240V | 1 - |
| | 8506794 | ⊗ | Valve, Solenoid, 1-Out, 120V (Each includes items 3, 3a and 3b) | - 1 |
| 3 | 4014959 | | Coil, Solenoid-Valve, 230V | 1 - |
| | 8519143 | | Coil, Solenoid-Valve, 120V | - 1 |
| 3a | 8516959 | n/s | Diaphragm, N-43 or S-30 | 1 1 |
| 3b | 8504074 | n/s | Body, Valve, Solenoid | 1 1 |
| 4 | 8505785 | | Hose, PVC, Reinf, .50 x .156W | a/r a/r |
| 5 | 8506288 | ⊗ | Timer, 24-Hour, 240V, SPST, Adj | 1 - |
| | 8506796 | ⊗ | Timer, 24-Hour, 120V, SPST, Adj | - 1 |
| 6 | 4020357 | ⊗ | Clip, Timer Mounting | 2 2 |
| 7 | 8506287 | ⊗ | Fitting, Bulkhead, 1/2 x 5/8 | 1 1 |
| 8 | 4012220 | | Clamp, Hose, SS, #8, .50-.91 | 4 4 |
| 9 | 8506291 | ⊗ | Gasket, Neo, .25 x .75 x 6.87 | 1 1 |
| 10 | 8506290 | ⊗ | Gasket, Neo, .25 x .75 x 9.00 | 2 2 |
| 11 | 8505775 | | LabelWarning, Eng/Fr/Gr/Sp Aux | 1 1 |
| 12 | 8506783 | ⊗ | Nut, Hex, Plstc, 3/4-16 | 1 1 |
| 13 | 8518772 | | Gasket, Jar | 1 1 |
| 14 | 4018856 | | Jar, Plastic, 1 Qt | 1 1 |
| 15 | 4011898 | n/s | Hose Assy, Water Fill, 5 Ft | 1 1 |
| 16 | 4015418 | n/s | Washer, Hose | 1 1 |
| 17 | 8514041 | n/s | Plug, Int, Plstc, .88, CSA | 1 1 |
| 18 | 8505044 | n/s | Washer, Rubber, w/Screen | 1 1 |
| 19 | 8506293 | | Socket, Relay, HC | 3 3 |
| 20 | 8506292 | | Relay, 4PDT, 240V, 5A | 3 - |
| | 8506795 | | Relay, 4PDT, 115V, 5A | - 3 |
| 21 | 1917626 | ⊗ | Connector, Term Strip, 7-Pos | 1 1 |
| 22 | - - - - | | Literature 9E-609 (Installation & operation instructions) | a/r a/r |



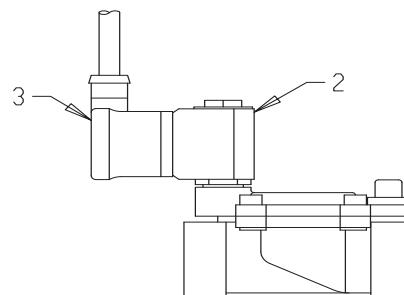
220/240V ASCO/SMC Water Valves

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 17 |
| EFFECTIVE: 6/16/23 | |



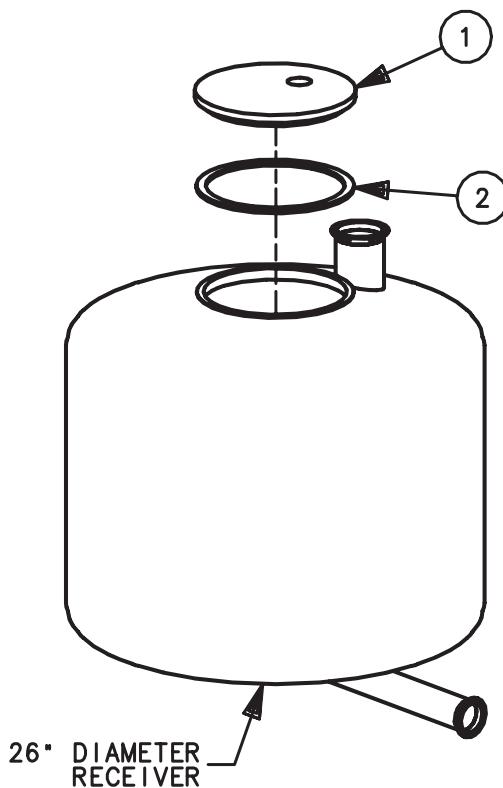
| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | |
|------|----------|-----------------------------|---|-----------------------------------|---|---|---|---|
| | 8503075 | | Valve, Water, .50 NPT, 220/240 VAC | 075 | | | | |
| | 8503076 | | Valve, Water, .75 NPT, 220/240 VAC | 076 | | | | |
| | 8503077 | | Valve, Water, 1.00 NPT, 220/240 VAC | 077 | | | | |
| | 8503078 | | Valve, Water, 1.50 NPT, 220/240 VAC | 078 | | | | |
| | 8503079 | | Valve, Water, 2.00 NPT, 220/240 VAC | 079 | | | | |
| 1 | 8503186 | ⊗ | Coil, Water Valve, Asco | 1 | 1 | 1 | 1 | 1 |
| 2 | 8503187 | ⊗ | n/s Kit, Repair, Water Vlv, Comp, 0.50 | 1 | - | - | - | - |
| | 8503188 | ⊗ | n/s Kit, Repair, Water Vlv, Comp, 0.75 | - | 1 | - | - | - |
| | 8503189 | n/s | Kit, Repair, Water Vlv, Comp, 1.00 | - | - | 1 | - | - |
| | 8503190 | ⊗ | n/s Kit, Repair, Water Vlv, Comp, 1.50 | - | - | - | 1 | - |
| | 8503191 | ⊗ | n/s Kit, Repair, Water Vlv, Comp, 2.00 | - | - | - | - | 1 |
| | | | (Kits include base, springs, core, diaphragm & body gasket) | | | | | |
| 3 | 8503192 | n/s | Kit, Diaphragm & Spring, .50/.75 | 1 | 1 | - | - | - |
| | 8503193 | ⊗ | n/s Kit, Diaphragm & Spring, 1.00 | - | - | 1 | - | - |
| 4 | 4041981 | n/s | Kit, Repair, Water Val,E,SMC,1/2" | 1 | - | - | - | - |
| | 4041980 | n/s | Kit, Repair, Water Val,E,SMC,3/4" | - | 1 | - | - | - |
| | 4041979 | n/s | Kit, Repair, Water Val,E,SMC,1" | - | - | 1 | - | - |

220/240V Burkert Water Valves



| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | |
|------|----------|-----------------------------|--|-----------------------------------|---|---|---|---|
| | 8515767 | ⊗ | Valve, Water, .50, 220/240 VAC | 767 | | | | |
| | 8515768 | ⊗ | Valve, Water, .75, 220/240 VAC | 768 | | | | |
| | 8515769 | ⊗ | Valve, Water, 1.00, 220/240 VAC | 769 | | | | |
| | 8515770 | ⊗ | Valve, Water, 1.50, 220/240 VAC | 770 | | | | |
| | 8515771 | ⊗ | Valve, Water, 2.00, 220/240 VAC (Burkert Water Valves replaced with ASCO Water Valves) | 771 | | | | |
| 1 | 8515772 | ⊗ | n/s Diaphragm Kit, Water Valve, .50 | 1 | - | - | - | - |
| | 8515773 | n/s | Diaphragm Kit, Water Valve, .75 | - | 1 | - | - | - |
| | 8515774 | ⊗ | n/s Diaphragm Kit, Water Valve, 1.00 | - | - | 1 | - | - |
| | 8515775 | ⊗ | n/s Diaphragm Kit, Water Valve, 1.50 | - | - | - | 1 | - |
| | 8515776 | ⊗ | n/s Diaphragm Kit, Water Valve, 2.00 | - | - | - | - | 1 |
| 2 | 8515777 | ⊗ | Coil, Water Valve, 240 VAC | 1 | 1 | 1 | 1 | 1 |
| 3 | 8501044 | ⊗ | Connector, DIN, Water Valve | 1 | 1 | 1 | 1 | 1 |

**Receiver Assembly - 30 Liter
30L Receiver Retrofit Kit for RP-25
3" Glass Y Replacement Kit**



**26" Diameter Receiver Jar
(135, 170, 225 Liter)**

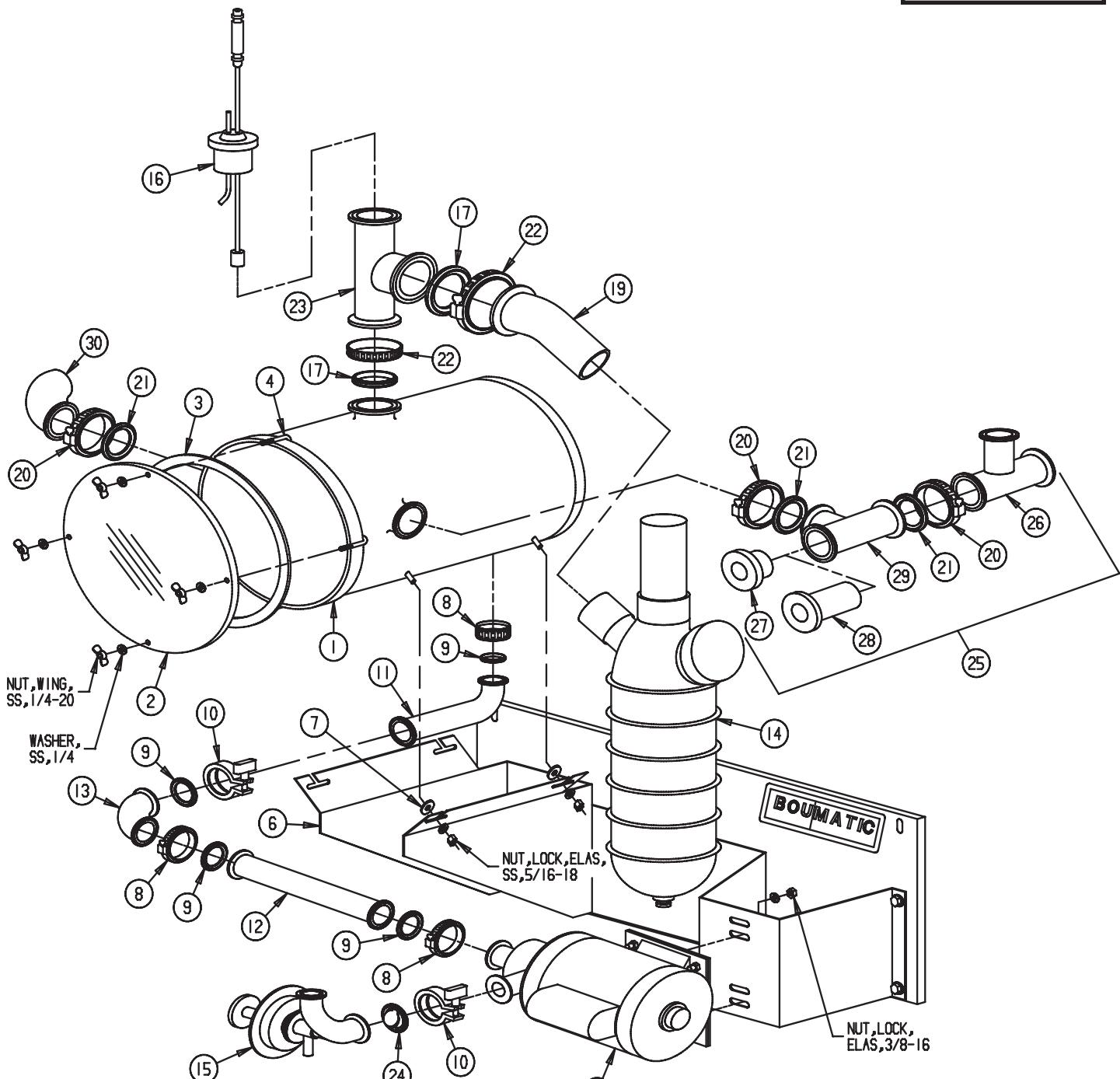
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------------------------------|----------|-----------------------------|------------------------------|-----------------------------------|
| Receiver Jar, 26" Dia | | | | |
| | 8518781 | | Lid, Acrylic, 10" | 1 |
| 1 | 8504155 | n/s | Lid, Acrylic, 10", Dual Hole | 1 |
| 2 | 8518782 | | Gasket, Lid, 10" | 1 |

Receiver Assembly - 30 Liter

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|---|---------------------------|
| | 8501183 | ⊗ | Rcvr Assy, 30L, L/C/P | 183 |
| | 8501184 | | Rcvr Assy, 30L | 184 |
| | 8501185 | | Rcvr Assy, 30L, L/CP, MP, A1 | 185 |
| 1 | 8501166 | | Receiver Assy, 30L (Includes items 2 thru 4) | 1 1 |
| 2 | 8501171 | | Lid, Acrylic, 13.25 | 1 1 |
| 3 | 8501167 | | Gasket, Lid, 12.25, Rcvr, 30L | 1 1 |
| 4 | 8514263 | | Bolt, Hook, Rt, .25 x 2.00 x .50 x .75 | 4 4 |
| 5 | 8513780 | ⊗ | Pump, 5HP, 1PH, 230V, 60H (Parts on page C-29) | 1 - |
| 6 | 8501158 | | Support, Receiver | 1 1 |
| 7 | 8501157 | | Washer, Plain, ABS, .328 x 1.00 | 4 4 |
| 8 | 8507932 | | Clamp, Band, SS, 1-1/2 | 3 3 |
| 9 | 8507905 | | Gasket, Tri-Clamp, 1.5 In | 4 4 |
| 10 | 8507938 | | Clamp, Hinged, 1.5" Heavy Duty | 2 2 |
| 11 | 8501170 | | Elbow Assy, Outlet, 1.50 | 1 1 |
| 12 | 8501173 | | Tube Assy, Outlet, Clp, 11.14 | 1 1 |
| 13 | 8507901 | | Elbow, 90 Deg, SS, Clp, 1.5" | 1 1 |
| 14 | 8508251 | | Trap Assy, Sanitary, 3.00 In (Parts on page C-38) | 1 1 |
| 15 | 8511967 | | Valve Assy, Drain (Parts on page C-32) | 1 1 |
| 16 | 8513976 | | Probe Assy, 3" | 1 1 |
| 16 | 8502419 | | Probe Assy, 3" Plstc Tee (Parts both on page C-28) | 1 1 |
| 17 | 8500331 | | Gasket, Tri-Clamp, 3 In | 2 2 |
| 18 | | | | |
| 19 | 8501176 | | Elbow, 30 Deg, SS, 3 | 3 3 |

Receiver Assembly - 30 Liter

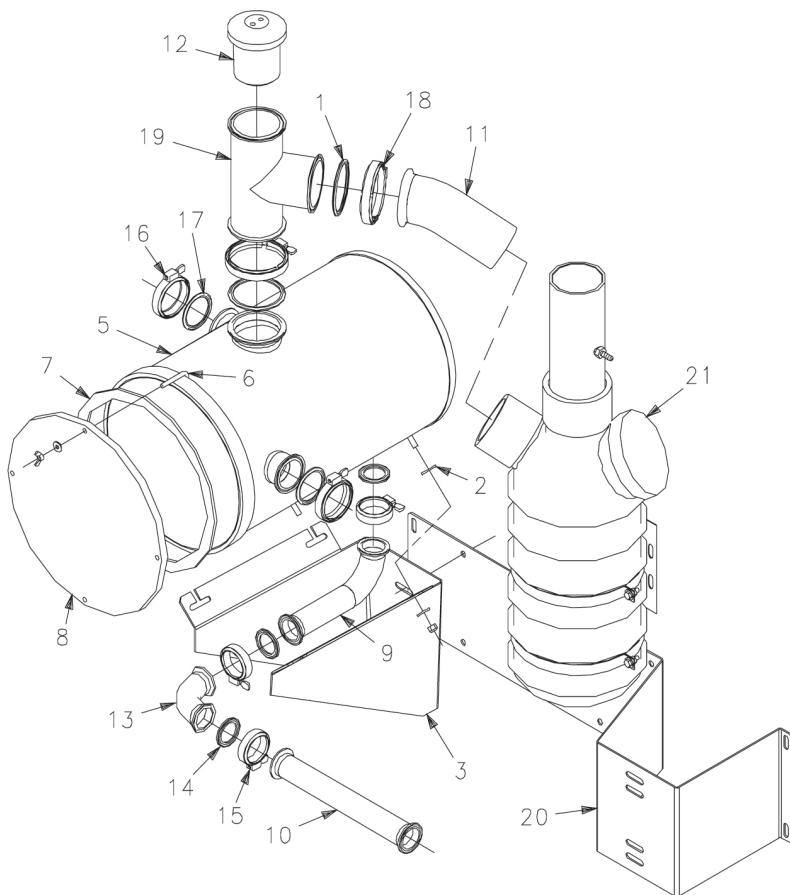
| | |
|----------------------|-------------------|
| SECTION C | PAGE 19 |
| EFFECTIVE: 4/1/98 | |



NOTE: Install flapper valve with HINGE UP and flat side toward pump.

IMPORTANT: Remove screws from drain holes on BOTTOM of motor housing. FAILURE TO DO SO MAY CAUSE MOTOR TO FAIL DUE TO ACCUMULATION OF CONDENSATION INSIDE HOUSING. Then put the two screws removed into the two open drain holes on SIDE of housing.

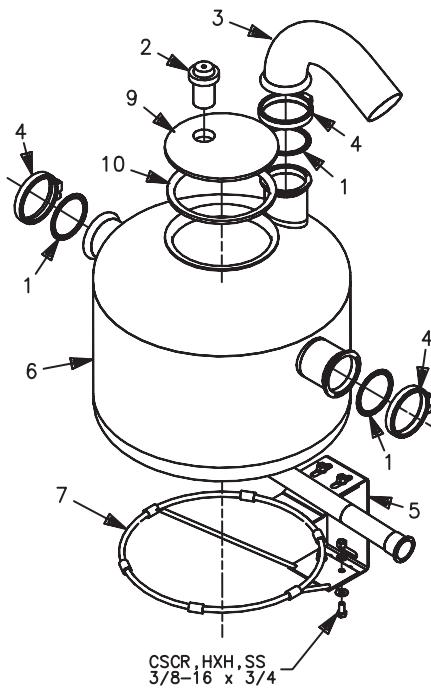
Model 77 Receiver Upgrade Kit



| ITEM | PART NO. | ⊗=OBSCLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------|-----------------------------|--|-----------------------------------|
| 8508275 | | ⊗ | Kit, Receiver Upgrade, Mod 77 | |
| 1 | 8500331 | | Gasket, Tri-Clamp, 3 In | 2 |
| 2 | 8501157 | | Washer, Plain, ABS, .328 x 1 | 4 |
| 3 | 8501158 | | Support, Receiver | 1 |
| 4 | | | | |
| 5 | 8501166 | | Receiver Assy, 30L (Incl items 6-8) | 1 |
| 6 | 8514263 | | Bolt, Hook,Rt,.25 x 2.00 x .50 x .75 | 4 |
| 7 | 8501167 | | Gasket, Lid, 12.25, Rcvr, 30L | 1 |
| 8 | 8501171 | | Lid Acrylic, 13.25 | 1 |
| 9 | 8501170 | | Elbow Assy, Outlet, 1.50 | 1 |
| 10 | 8501173 | | Tube Assy, Outlet, CLP, 11.14 | 1 |
| 11 | 8501176 | | Elbow, 30 deg., SS, 3 | 1 |
| 12 | 8502264 | n/s | Holder, Probe, 3 In | 1 |
| | 8501713 | | Holder, Probe, 3" Plstc Tee | 1 |
| 13 | 8507901 | | Elbow, 90 deg., SS, CLP, 1.5 | 1 |
| 14 | 8507905 | | Gasket, Tri-Clamp, 1.5 In | 3 |
| 15 | 8507932 | | Clamp, Band, SS, 1-1/2 | 3 |
| 16 | 8507933 | | Clamp, Band, SS, 2 In | 2 |
| 17 | 8507951 | | Gasket, Tri-Clamp, 2 In | 2 |
| 18 | 8507966 | | Clamp, Band, SS, 3 In | 3 |
| 19 | 8508025 | ⊗ | Tee, Plastic, 3.0, W/inst Pkt | 1 |
| 20 | 8508274 | ⊗ | Brace, Receiver Group | 1 |
| 21 | 8508251 | | Trap Assy, Sanitary, 3.00 In (Parts on page C-38) | 1 |

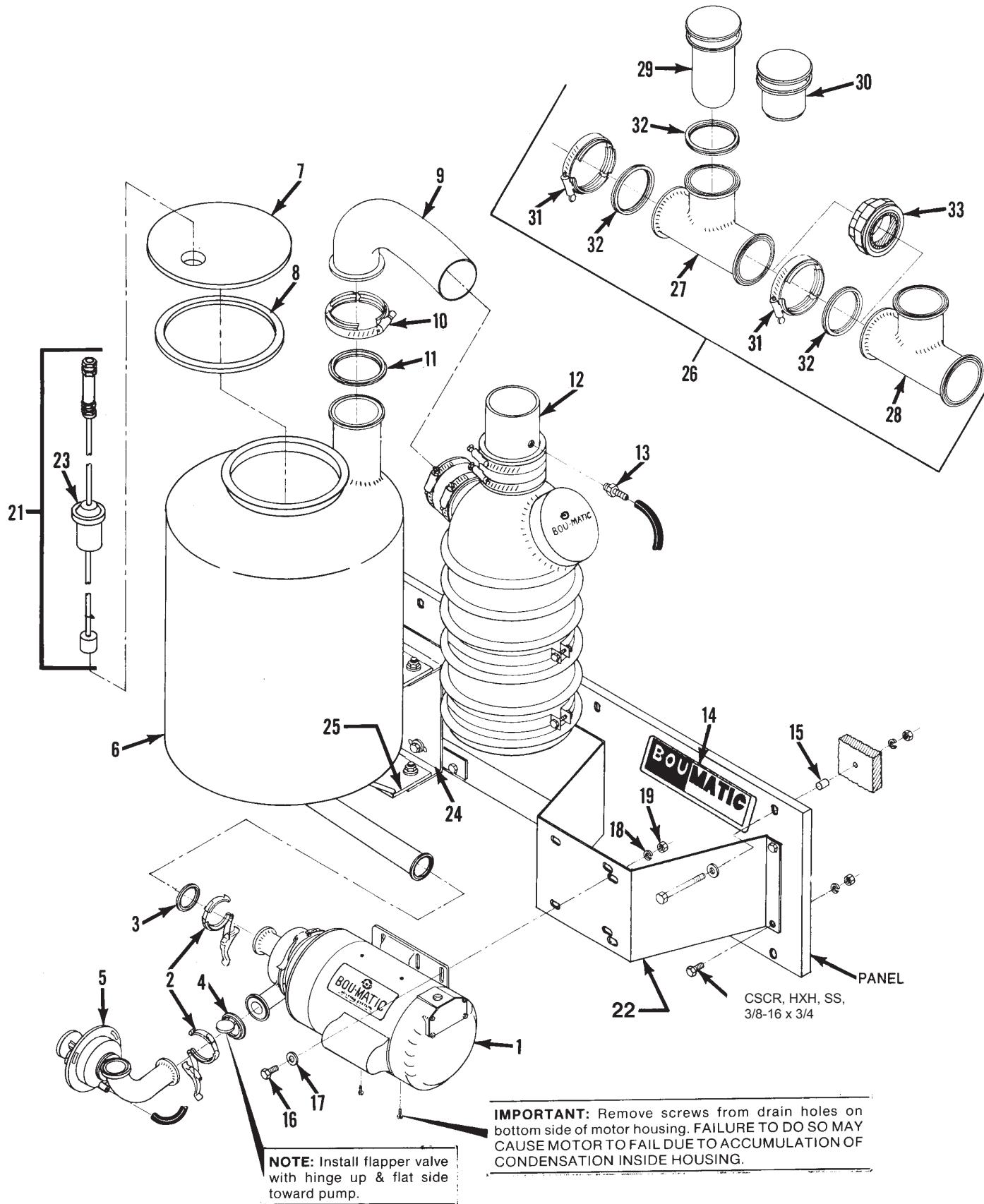
Glass to SS Conversion Kit

| | |
|----------------------|-------------------|
| SECTION C | PAGE 21 |
| EFFECTIVE: 7/1/97 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED |
|---------|----------|-----------------------------|--|-------------------|
| | | | | (a/r=AS REQUIRED) |
| 8517428 | ⊗ | | Kit, Rcvr, CVRSN, Glass to SS | |
| 1 | 8500331 | | Gasket, Tri-Clamp, 3 In | 3 |
| 2 | 8502256 | ⊗ | Holder, Probe, 1-1/2 In (RBY 8589417) | 1 |
| | 8589417 | | Holder, Probe, 1-1/2 In | 1 |
| 3 | 8504276 | | Elbow, 120 deg., SS, 3 | 1 |
| 4 | 8507966 | | Clamp, Band, SS 3 In | 3 |
| 5 | 8508265 | | Brace, Receiver Support | 1 |
| 6 | 8517424 | ⊗ | Receiver Assy, CVRSN | 1 |
| 7 | 8517426 | ⊗ | Support Assy, Rcvr, SS 60L | 1 |
| 8 | 8517427 | ⊗ n/s | Bracket, Moisture trap, SS 60L | 1 |
| 9 | 8517429 | | Lid, Plexiglass, Rcvr | 1 |
| 10 | 8591043 | ⊗ | Gasket, Lid, Receiver (RBY 8589423) | 1 |
| | 8589423 | | Gasket, Lid, Receiver | 1 |

Receiver Assembly 60/85 Liter



NOTE: Install flapper valve with hinge up & flat side toward pump.

IMPORTANT: Remove screws from drain holes on bottom side of motor housing. FAILURE TO DO SO MAY CAUSE MOTOR TO FAIL DUE TO ACCUMULATION OF CONDENSATION INSIDE HOUSING.

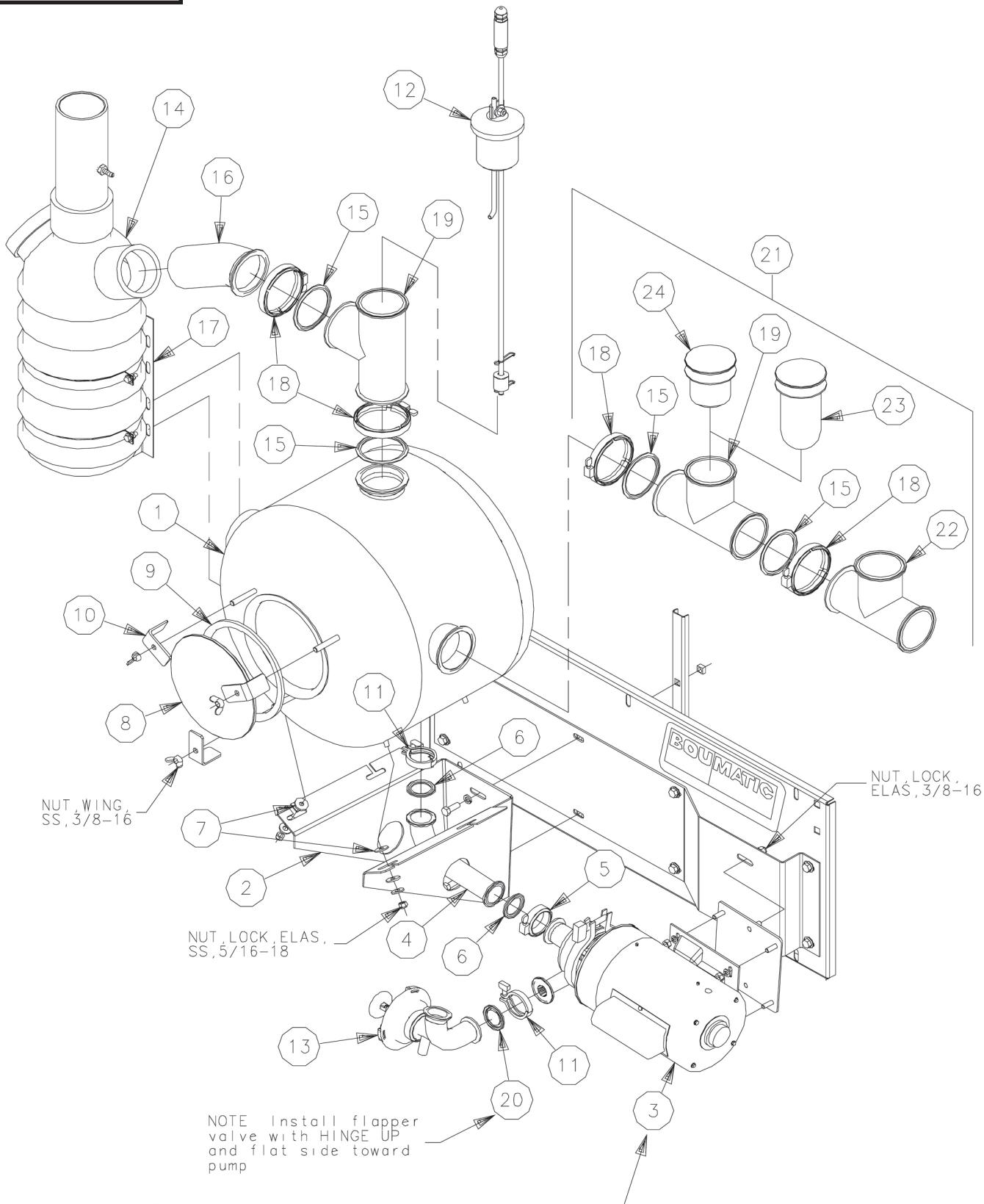
Receiver Assembly 60/85 Liter

| | |
|----------------------|-------------------|
| SECTION C | PAGE 23 |
| EFFECTIVE: 6/1/02 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|---------|----------------------|-----------------------------|--|-----------------------------------|------|----|
| | | | | 7443 | | |
| 8517443 | ⊗ | | Rcvr Assy, SS, L/Jar & Tees | 7443 | | |
| 1 | 8519970 | | Pump, 1Hp, 1Ph, 230V, 60Hz, CCW (<i>Parts on page C-30</i>) | 1 | | |
| 2 | 8507938 | | Clamp, Hinged, SS, 1.5 In | 2 | | |
| 3 | 8507905 | | Gasket, Tri-Clamp, 1.5 In | 1 | | |
| 4 | 8515506 | | Valve, Flapper, Rbr, 1.5 In | 1 | | |
| 5 | 8511967 | | Valve Assy, Drain (<i>Parts on page C-32</i>) | 1 | | |
| 6 | 8517422 | ⊗ | Receiver, SS, 60L, RH | 1 | | |
| | 8517432 | ⊗ | Receiver, SS, 85L, RH (<i>When ordering, use form 11P-27</i>) | 1 | | |
| 7 | 8517429 | | Lid, Plexiglass, Rcvr | 1 | | |
| | 8590473 ¹ | n/s | Lid, Plexiglass, Rcvr, 2 Hole | 1 | | |
| 8 | 8591043 | ⊗ | Gasket, Lid, Receiver (RBY 8589423) | 1 | | |
| | 8589423 | | Gasket, Lid, Receiver | 1 | | |
| 9 | 8504276 | | Elbow, 120 Deg, SS, 3 | 1 | | |
| 10 | 8507966 | | Clamp, Band, SS, 3 In | 1 | | |
| 11 | 8500331 | | Gasket, Tri-Clamp, 3 In | 1 | | |
| 12 | 8508251 | | Trap Assy, Moisture, 3.00 In (<i>Parts on page C-38</i>) | 1 | | |
| 13 | 8512906 | | Adapter, 1/4 Hose x 1/4 NPT | 1 | | |
| 14 | 8506120 | | Label, Bou-Matic, 2.25 x 6 | 1 | | |
| 15 | 8517034 | | Tube, SS, .500 x .049 x .62 | 5 | | |
| 16 | 1091029 | | CSCR, HXH, SS, 5/16-18 x 1 | 5 | | |
| 17 | 1208387 | | Washer, Plain, SS, 5/16 | 5 | | |
| 18 | 1209387 | | Wshtr, Lock, Hdcl Spr, SS, 5/16 | 5 | | |
| 19 | 1203353 | | Nut, Hex, SS, 5/16-18 | 5 | | |
| 20 | 1201027 | n/s | Bolt, Crg, SS, 5/16-18 x 3/4 | 1 | | |
| 21 | 8513975 ¹ | | Probe Assy, 1.5" (<i>Parts on page C-20, includes item 28</i>) | 1 or 2 | | |
| 22 | 8517438 | | Brace, Rcvr, 60L & 85L | 1 | | |
| 23 | 8502256 | ⊗ | Holder, Probe, 1-1/2 In (RBY 8589417) | 1 | | |
| | 8589417 | | Holder, Probe, 1-1/2 In | 1 | | |
| 24 | 8508265 | | Brace, Receiver Support | 1 | | |
| 25 | 8508266 | | Support Assy, Rcvr, 25L, 13.75 ID | 1 | | |
| | | | TEE ASSEMBLIES | 2" | 2.5" | 3" |
| | 8517439 | ⊗ | Tee Assy, 2.00 In | 1 | - | - |
| 26 | 8517440 | ⊗ | Tee Assy, 2.50 In | - | 1 | - |
| | 8517441 | | Tee Assy, 3.00 In | - | - | 1 |
| | 8507956 | | Tee, Tri-Clamp, SS, 2.0 | 1 | - | - |
| 27 | 8500323 | | Tee, Tri-Clamp, SS, 2.5 | - | 2 | - |
| | 8507997 | ⊗ | Tee, Tri-Clamp, Plstc, 3.0 | - | - | 2 |
| 28 | 8507991 | ⊗ | Tee, Tri-Clamp, Plstc, 2.0 | 1 | - | - |
| | 8508538 | ⊗ | Plug, Int, Rbr, Wash, 2.00, Lg, SS | 1 | - | - |
| 29 | 8589421 | | Plug, Int, Rbr, Wash, 2.00, Lg, SS | 1 | - | - |
| | 8512926 | ⊗ | Plug, Int, Plstc, Milk, 2.50, Lg | - | 1 | - |
| | 8512923 | | Plug, Int, Plstc, Wash, 3.00, Lg | - | - | 1 |
| | 8508537 | ⊗ | Plug, Int, Rbr, Milk, 2.00, Shrt, SS | 1 | - | - |
| 30 | 8589422 | | Plug, Int, Rbr, Milk, 2.00, Shrt, SS | 1 | - | - |
| | 8512925 | | Plug, Int, Plstc, Milk, 2.50, Shrt | - | 1 | - |
| | 8512924 | | Plug, Int, Plstc, Wash, 3.00, Shrt | - | - | 1 |
| | 8507933 | | Clamp, Band, SS, 2 In | 2 | - | - |
| 31 | 8500433 | | Clamp, Band, SS, 2-1/2 | - | 2 | - |
| | 8507966 | | Clamp, Band, SS, 3 In | - | - | 1 |
| | 8507951 | | Gasket, Tri-Clamp, 2 In | 2 | - | - |
| 32 | 8500326 | | Gasket, Hycar, 2-1/2 | - | 4 | - |
| | 8500331 | | Gasket, Tri-Clamp, 3 In | - | - | 3 |
| 33 | 8508258 | ⊗ n/s | Coupling, Stnlsl-to-Stnlsl, 3 In | - | - | 1 |

Note:

¹ 2 Hole receiver lid and extra 1.5" probe assembly used with Opti-Flow controller assy

60L Horizontal Receiver Assemblies

IMPORTANT Remove screws from drain holes on BOTTOM of motor housing FAILURE TO DO SO MAY CAUSE MOTOR TO FAIL DUE TO ACCUMULATION OF CONDENSATION INSIDE HOUSING Then put the two screws removed into the two open drain holes on SIDE of housing

60L Horizontal Receiver Assemblies

SECTION C

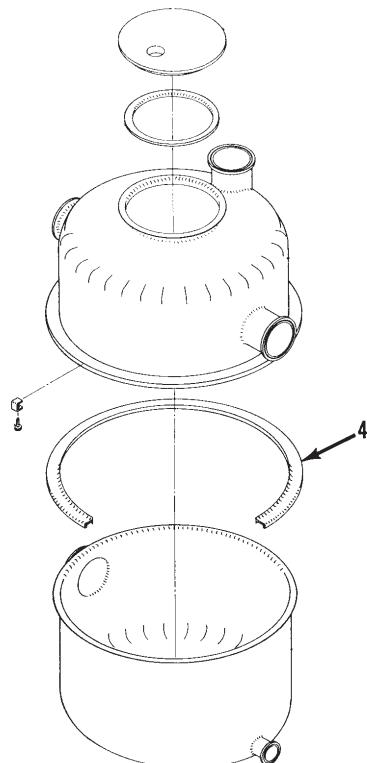
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EFFECTIVE:

6/14/18

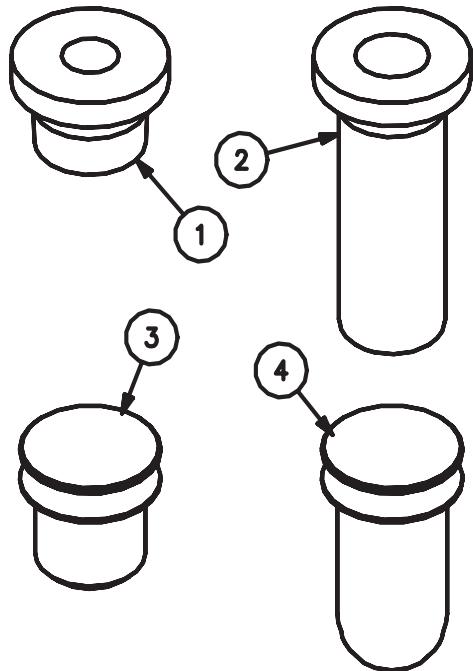
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------|-----------------------------|---|-----------------------------------|-----|
| | 8501475 | ⊗ | Rcvr Assy, 60H | 475 | - |
| | 8501476 | ⊗ | Rcvr Assy, 60H, L/CP | 476 | - |
| | 8501477 | ⊗ | Rcvr Assy, 60H, L/CP, AI | 477 | - |
| | 8501478 | ⊗ | Rcvr Assy, 60H, L/CP, MP, AI (RBY 8583238) | - | 478 |
| 1 | 8501390 | ⊗ | Receiver Jar Assy, 60H | 1 | 1 |
| 2 | 8501392 | ⊗ | Support , Receiver, RP-60H | 1 | 1 |
| 3 | 8519970 | | Pump, 1 HP, 1PH, 230V, 60Hz, CCW (Parts on page C-30) | 1 | - |
| 4 | 8501170 | | Elbow Assy, Outlet, 1.50 | 1 | 1 |
| 5 | 8507932 | | Clamp, Band, SS, 1-1/2 | 2 | 1 |
| 6 | 8507905 | | Gasket, Tri-Clamp, 1.5 IN | 3 | 3 |
| 7 | 8501157 | | Washer, Plain, ABS, .328 x 1.00 | 8 | 8 |
| 8 | 8501393 | | Lid, Plexiglass, Rcvr, RP-60 | 1 | 1 |
| 9 | 8591043 | ⊗ | Gasket, Lid, Receiver (RBY 8589423) | 1 | 1 |
| | 8589423 | | Gasket, Lid, Receiver | 1 | 1 |
| 10 | 8501398 | | Bracket, Lid | 3 | 3 |
| 11 | 8507938 | | Clamp, Hinged, 1.5", Heavy D | 2 | 2 |
| 12 | 8502419 | | Probe Assy, 3" (Parts on page C-28) | 1 | 1 |
| 13 | 8511967 | | Valve Assy, Drain (Parts on page C-32) | 1 | 1 |
| 14 | 8508251 | | Trap Assy, Sanitary, 3.00 IN (Parts on page C-38) | 1 | 1 |
| 15 | 8500331 | | Gasket, Tri-Clamp, 3 IN | 7 | 7 |
| 16 | 8501176 | | Elbow, 30 Deg, SS, 3 | 1 | 1 |
| 17 | 8501394 | ⊗ | Bracket, Moisture trap, Long | 1 | 1 |
| 18 | 8507966 | | Clamp, Band, SS, 3 IN | 5 | 5 |
| 19 | 8508025 | ⊗ | Tee, Plastic, 3.0, W/Inst Pkt | 2 | 2 |
| 20 | 8515506 | | Valve, Flapper, Rbr, 1.5" | 1 | 1 |
| 21 | 8517088 | ⊗ | Tee Assy, 3.00 IN (Includes 3 of item 15, 1 of items 18 & 19, & items 22-25) | 1 | 1 |
| 22 | 8500324 | | Tee, SS, 3.0, CIP | 1 | 1 |
| 23 | 8512923 | | Plug, Int, Plstc, Wash, 3.00, LG | 1 | 1 |
| 24 | 8512924 | | Plug, Int, Plstc, Milk 3.00, Short | 1 | 1 |
| 25 | 9E-742 | | Installation Instructions | a/r | a/r |

75-Liter Receiver Jar Assembly



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|-----------------------------|-----------------------------------|
| - | 8504297 | ⊗ | Jar Assy, Receiver, SS, 75L | 297 |
| 4 | 8504275 | | Gasket, Receiver, 18 in. | a/r |

Plugs for Milk/Wash Tees



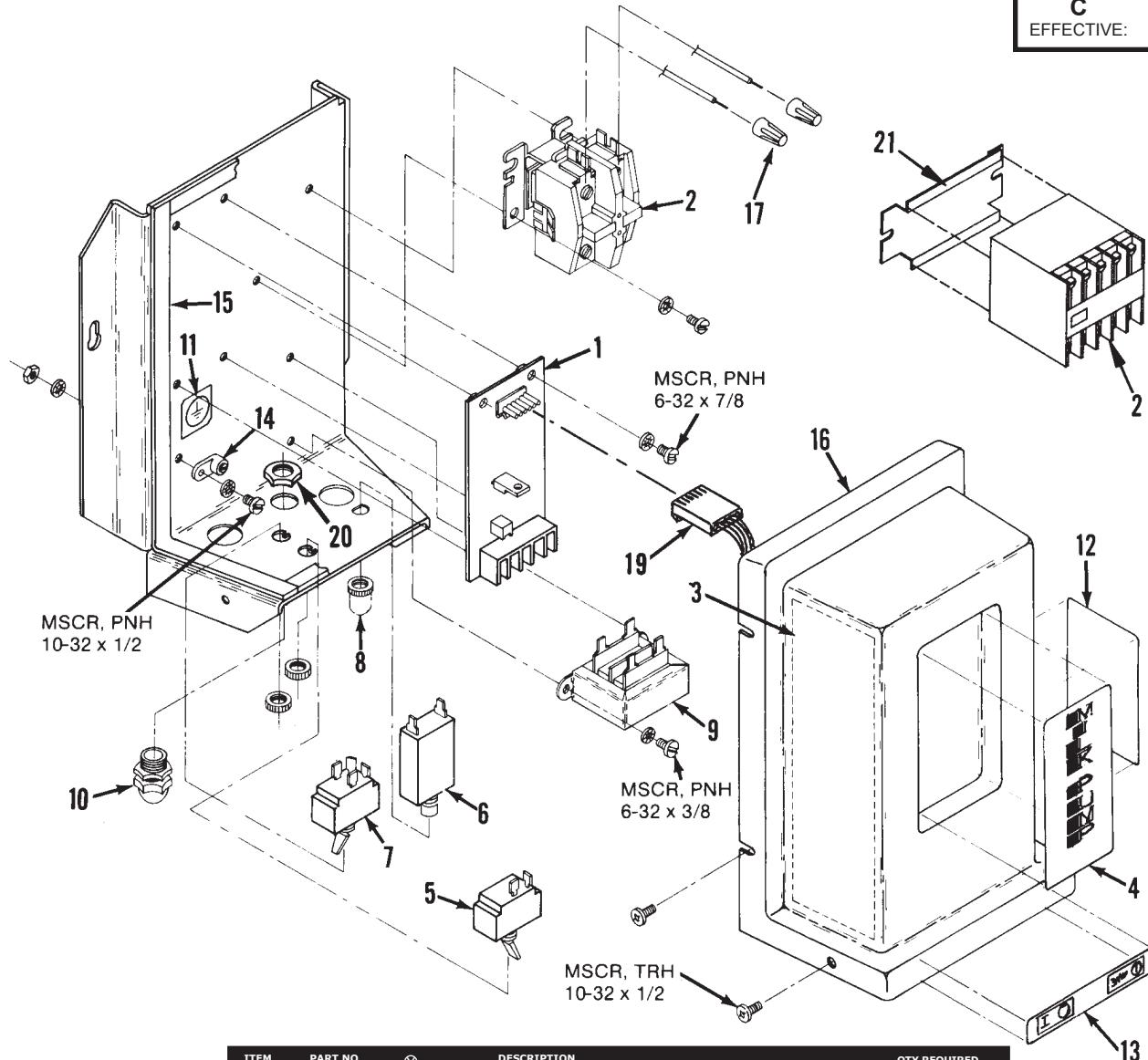
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION |
|-------|----------|-----------------------------|--|
| ----- | | | |
| | | | Plugs, Milk / Wash |
| 1 | 8508505 | ⊗ | Plugs, INT, RBR, Milk, 1.50, SHRT |
| | 8508508 | ⊗ | Plugs, INT, RBR, Milk, 2.00, SHRT, GL |
| | 8508537 | ⊗ | Plugs, INT, RBR, Milk, 2.00, SHRT, SS |
| | 8589422 | | Plug, Wash, RBR, 2.00, SHRT, SS |
| 2 | 8508504 | ⊗ | Plugs, INT, RBR, Wash, 1.50, LG |
| | 8508507 | | Plugs, INT, RBR, Wash, 2.00, LG,GL,w/Insert |
| | 8508538 | ⊗ | Plugs, INT, RBR, Wash, 2.00, LG,SS |
| | 8508519 | ⊗ | Plugs, INT, RBR, Wash, 2.00, LG,GL,wo/Insert |
| | 8589421 | | Plug, Wash, RBR, 2.00, LG, SS |
| 3 | 8512924 | | Plugs, INT, PLSTC, Milk, 3.00, SHRT |
| | 8512925 | | Plugs, INT, PLSTC, Milk, 2.50, SHRT |
| | 8518158 | | Plugs, INT, PLSTC, Milk, 4.00, SHRT |
| 4 | 8512923 | | Plugs, INT, PLSTC, Wash, 3.00, LG |
| | 8512926 | ⊗ | Plugs, INT, PLSTC, Wash, 2.50, LG |
| | 8518157 | | Plugs, INT, PLSTC, Wash, 4.00, LG |

Note:

1. GL = For Glass Tee.

Liquid Level Controller Assemblies

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 27 |
| EFFECTIVE: 2/15/03 | |

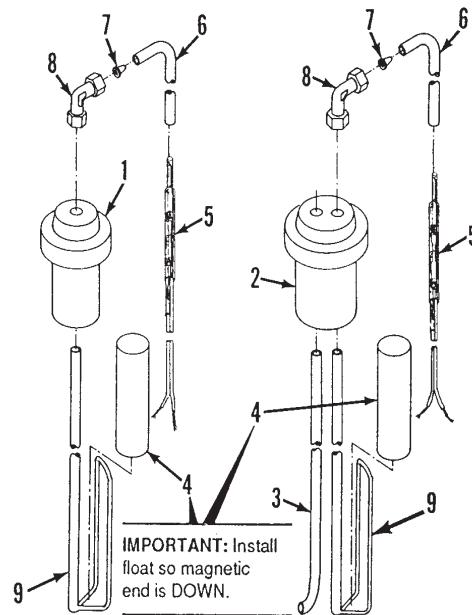


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------|---|-----------------------------------|
| 8518536 | ⊗ | Cont Assy, LLC, 230V, 50/60Hz | 536 |
| 8518516 | | Cont Assy, LLC, 230V, 50/60Hz | 516 |
| 1 | 8513985 | PWB Assy, Liq Level Timer | 1 1 |
| 2 | 4015303 | Contactor, 20A, 2-Pole | 1 - |
| 8518517 | | Contactor, 3Ph, 1 Hp | - 1 |
| 3 | 8518533 | Label, Wiring Diag, LLC | 1 - |
| | 8518543 | Label, Wiring Diag, LLC, 3Ph | - 1 |
| 4 | 8518535 | Label, Liquid Level Control | 1 1 |
| 5 | 8516827 | Switch, Pushbutton, SPST, Mom | 1 1 |
| 6 | 8518540 | Breaker, Ckt, 3A | 1 - |
| | 8516825 | Breaker, Ckt, 5A, VDE | - 1 |
| 7 | 8516824 | Switch, Toggle, DPST, On-Off, VDE | 1 1 |
| 8 | 4015960 | Seal, Switch, Ckt-Breaker | 1 1 |
| 9 | 8514091 | Xfmr, 230V, 26V, 50/60Hz | 1 1 |
| 10 | 1917504 | Conn, Str-Rlf, .23-.39, PG11 | 1 1 |
| 11 | 8505776 | Label, Ground, International | 1 1 |
| 12 | 8504733 | Label, Warning, Electrical | 1 1 |
| 13 | 8518512 | Label, Switches | 1 - |
| | 8516823 | Label, Switches, 5A, VDE | - 1 |
| 14 | 3551897 | Lug, Ground, 14 to 8 AWG | 1 1 |
| 15 | 8518520 | Gasket Set | 1 1 |
| 16 | 8518519 | Enclosure, Air/Liquid Control (Does not include label items 3, 4, 12, 13 & nameplate) | 1 1 |
| 17 | 3553423 | Conn, Wire, 18-14 AWG, Pkg100 (PN represents no. of parts, not packages; 1 each req. per connection) | 2 2 |
| 18 | ----- | Literature 9P-452 | ref - |
| | ----- | Literature 9E-453 (Installation Instructions) | - ref |
| 19 | 8518527 | Wire Harness, LLC (Includes connector, terminals & wires) | 1 1 |
| 20 | 1917562 | Connector, Dome, Nut, PG11 | 1 1 |
| 21 | 8516847 | Rail, 35mm, Din | - 1 |

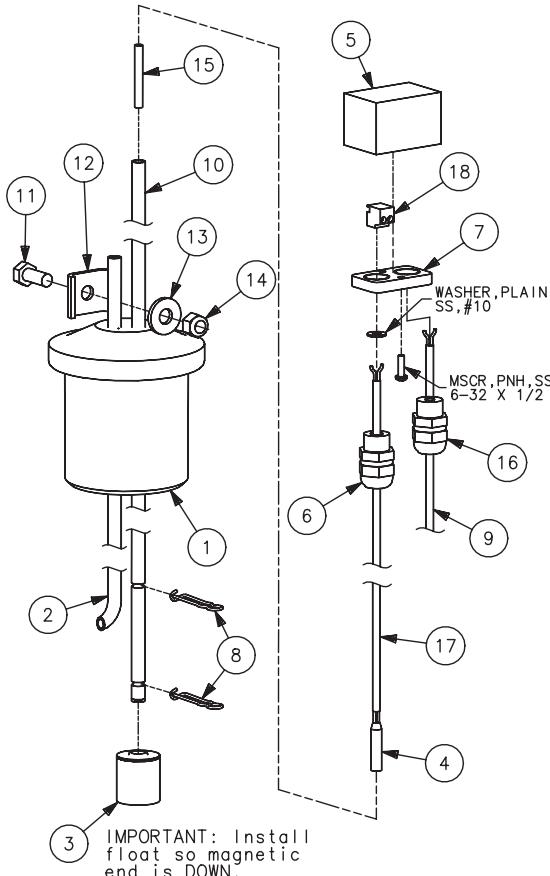
1.5-Inch Probe Assembly

2 & 3-Inch Probe Assemblies

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|---|-----------------------------------|
| | 8502243 | Probe Assy, 1.5 In | 243 |
| | 8502263 | Probe Assy, 2 In (shown) | 263 |
| | 8502267 | Probe Assy, 3 In | 267 |
| 1 | 8502256 | Holder, Probe, 1-1/2 In | 1 - - - |
| | 8502261 | Holder, Probe, 2 In (shown) | - 1 - |
| 2 | 8502264 | Holder, Probe, 3 In | - - 1 |
| 3 | 8502262 | Tube, Frmd, SS, .312 x 12.00 | - 1 1 |
| 4 | 8502250 | Float Assy, LLC | 1 1 1 |
| 5 | 8502244 | Switch Assy, Reed, LLC (Includes wiring harness) | 1 1 1 |
| 6 | 8506707 | Hose, Poly, Nat, .19 ID x .062W | a/r a/r a/r |
| 7 | 8506708 | Insert, Nylon, 5/16 Tube | 1 1 1 |
| 8 | 8506706 | Elbow, Nylon, 5/16 x 90 Deg | 1 1 1 |
| 9 | 8502266 | Tube Assy, Probe | - - 1 |
| | 8502247 | Rod Assy, Float | 1 1 - |



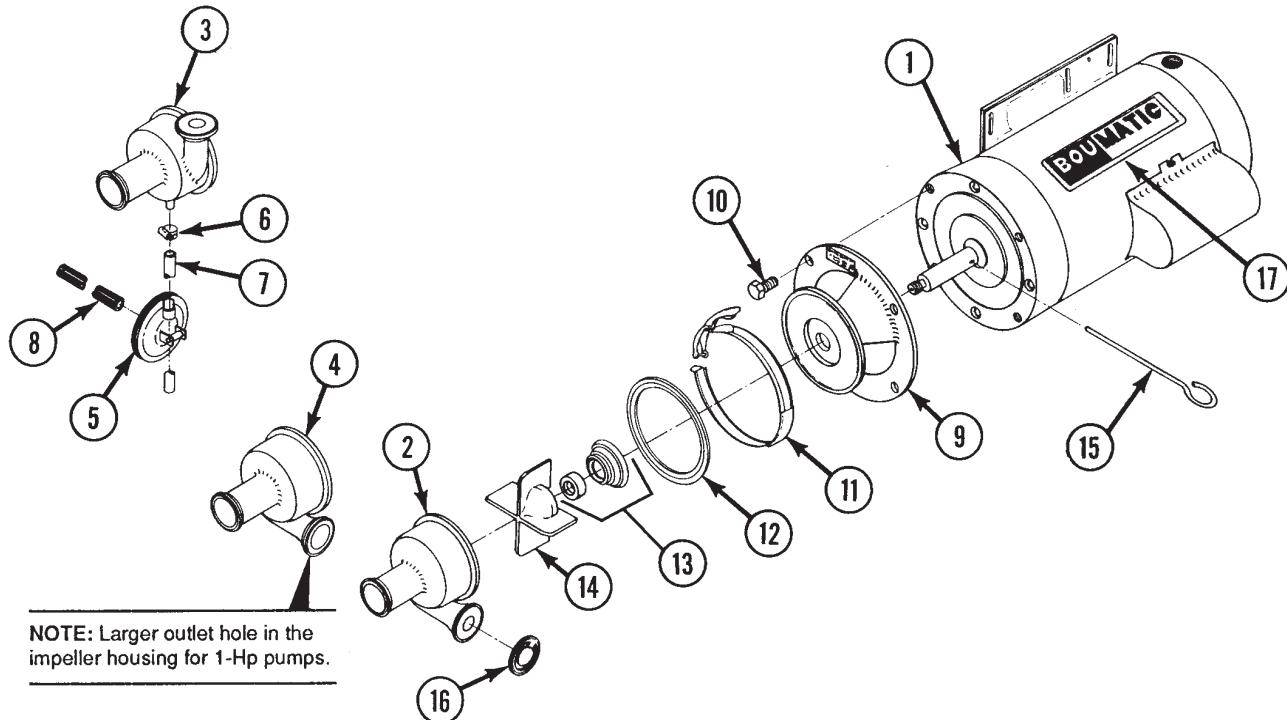
1.5, 2 & 3 Inch Probe Assemblies



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|---|-----------------------------------|
| | 8513975 | Probe Assy, 1.5" | 975 |
| | 8513974 | Probe Assy, 2" | 974 |
| | 8513976 | Probe Assy, 3", Glass Tee | 976 |
| | 8501351 | Probe Assy, 48" (1.5" Dia) | 351 |
| | 8502419 | Probe Assy, 3", Plastic Tee | 419 |
| 1 | 8502256 | Holder, Probe, 1-1/2 In (Tube not included) | 1 - - - 1 - |
| | 8589471 | Holder, Probe, 1-1/2 In | 1 - - - 1 - |
| | 8502261 | Holder, Probe, 2 In | - 1 - - - |
| | 8502264 | Holder, Probe, 3 In | - - 1 - - |
| | 8501713 | Holder, Probe, 3 In Plstc Tee (Tubes not included) | - - - - 1 |
| | 8589417 | Holder, Probe, 1-1/2 in | 1 - - - 1 - |
| | 8589418 | Holder, Probe, 2 in | - 1 - - - |
| 2 | 8502262 | Tube, Frmd, SS, .312 x 12.00 | - 1 1 - - 1 |
| 3 | 3552525 | Float Assy, w/Magnets | 1 1 1 1 1 1 |
| 4 | 8503858 | Switch, Reed | 1 1 1 - - 1 |
| | 8501299 | Switch, Reed, Modified | - - - - 1 |
| 5 | 8508406 | Box, Junction, Probe | 1 1 1 1 1 1 |
| 6 | 1917502 | Conn, Str-Rlf, .19 -.30 PG9 | 1 1 1 1 1 1 |
| 7 | 8508407 | Cover, Junction Box, Probe | 1 1 1 1 1 1 |
| 8 | 8500986 | Retainer, Float | 2 2 2 2 2 2 |
| 9 | 8513979 | Cable, 2-Cond, 20AWG, 100' Coil | a/r a/r a/r a/r a/r |
| 10 | 8508613 | Tube Assy, Probe, 29.00" | 1 1 1 - 1 |
| | 8508614 | Tube Assy, Probe, 48.31" | - - - - 1 |
| 11 | 1091027 | CSCR, HXH, SS, 5/16-18 x 3/4 | - 1 1 - - 1 |
| 12 | 8506897 | Retainer, Hanger, Claw | - 1 1 - - 1 |
| 13 | 1208387 | Washer, Plain, SS, 5/16 | - 1 1 - - 1 |
| 14 | 1222353 | Nut, Lock, Elas, SS, 5/16-18 | - 1 1 - - 1 |
| 15 | 8513973 | Rod, Plug | 1 1 1 1 1 1 |
| 16 | 1917503 | Conn, Str-Rlf, .12-.23, PG9 | 1 1 1 1 1 1 |
| 17 | 8503853 | Sleeve, PVC, .133 x 27.06 | 1 1 1 - - 1 |
| | 8503857 | Sleeve, PVC, .133 x 17.25 | - - - - 1 |
| 18 | 1917630 | Connector, Term Strip, 2-Pos | 1 1 1 1 1 1 |
| 19 | 8514028 | Kit, Retainer, Probe Assy (Includes one each of items 11-14) | - 1 1 - - 1 |
| 20 | 8509529 | Kit, Probe, Junction Box (Includes items 5-7 & 16-18) | 1 1 1 1 1 1 |
| 21 | ----- | Literature 9E-839 (Installation & Service Instructions) | ref ref ref ref ref |

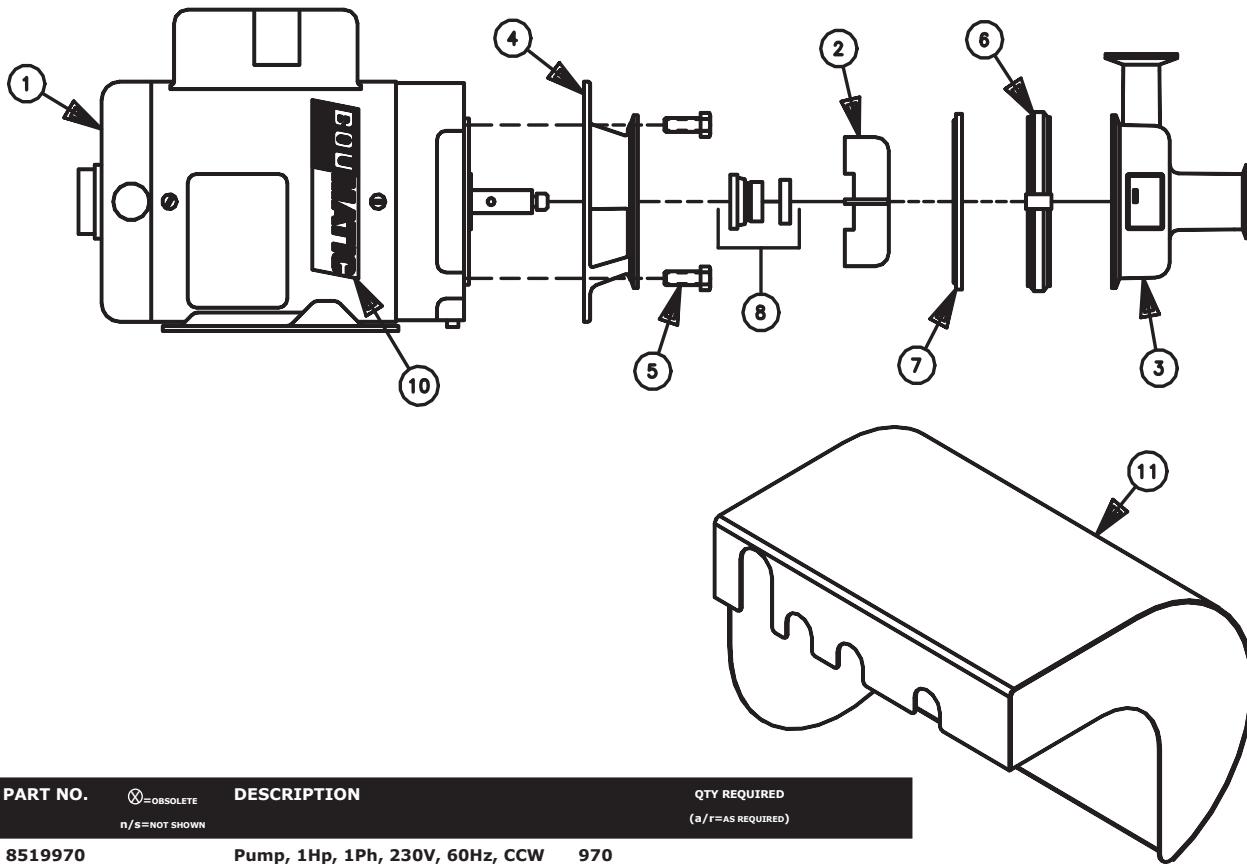
Milk Pumps

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 29 |
| EFFECTIVE: 7/20/05 | |



| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------|-----------------------------|---|-----------------------------------|
| 8513780 | ⊗ | | Pump, .5Hp, 1Ph, 230V, 60Hz | 780 |
| 8513792 | ⊗ | | Pump, Milk, .5Hp, 3Ph, w/o Drain | 792 |
| 8513793 | ⊗ | | Pump, Milk, .5Hp, 1Ph, w/Drain | 793 |
| 8513790 | ⊗ | | Pump, 1 Hp, 1Ph, wo/Drain | 790 |
| 8513791 | ⊗ | | Pump, 1 Hp, 3Ph, wo/Drain | 791 |
| 1 | 8513953 | ⊗ | Motor, 1/2Hp, 1Ph, 208-230V (Includes item 18) | 1 - 1 - - |
| | 8513785 | ⊗ | Motor, 1/2Hp, 3Ph, 220V, 60Hz | - 1 - - - |
| | 8513954 | | Motor, 1Hp, 1Ph, 208/230V | - - - 1 - |
| | 8517090 | | Motor, 1Hp, 3Ph, 230/380V, 50/60Hz | - - - - 1 |
| 2 | 8513771 | ⊗ | Housing, Impeller, wo/Drain | 1 1 - - - |
| 3 | 8513741 | ⊗ | Housing, Impeller, w/Drain | - - 1 - - |
| 4 | 8513789 | ⊗ | Housing, Impeller, wo/Drain | - - - 1 1 |
| 5 | 8511942 | ⊗ | Actuator Assy, Drain-Valve | - - 1 - - |
| 6 | 8510104 | | Clamp, Hose, SS, #7, .25-.62 | - - 1 - - |
| 7 | 8511964 | ⊗ | Hose, Vinyl, .38 x .062W | - - a/r - - |
| | 8591625 | | Hose, Vinyl, 0.38 X 0.0625W, 100 ft | - - a/r - - |
| 8 | 8506805 | | Hose, Vinyl, .38 x .125W, Blk/Wht | - - a/r - - |
| 9 | 8514338 | ⊗ | Flange, Pump Mtg, Machined, .5Hp | 1 1 1 1 1 |
| 10 | 1091044 | | CSCR, HXH, SS, 3/8-16 x 1/2 | 4 4 4 4 4 |
| 11 | 8500557 | | Clamp, Hinged, SS, 3.0 In, Adj | 1 1 1 1 1 |
| 12 | 8513767 | | Gasket, Flanged, 3 In, Hycar | 1 1 1 1 1 |
| 13 | 8513776 | | Seal Assy, Pump Shaft | 1 1 1 1 1 |
| 14 | 8513775 | ⊗ | Impeller Assy, 2.847 | 1 1 1 1 1 |
| 15 | 8513769 | | Tool, Dis-Assy, Impeller | 1 1 1 1 1 |
| 16 | 8515506 | | Valve, Flapper, Rbr, 1.5 In | 1 1 1 1 1 |
| 17 | 8506120 | | Label, Bou-Matic, 2.25 x 6 | 1 1 1 1 1 |
| 18 | 4022494 | ⊗ n/s | Capacitor, Run, 25 MFD, 370V | 1 - 1 - - |

1-Hp Milk Pumps



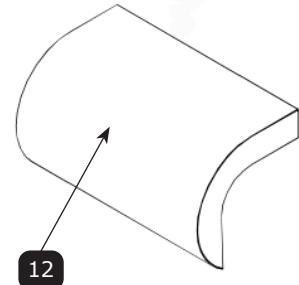
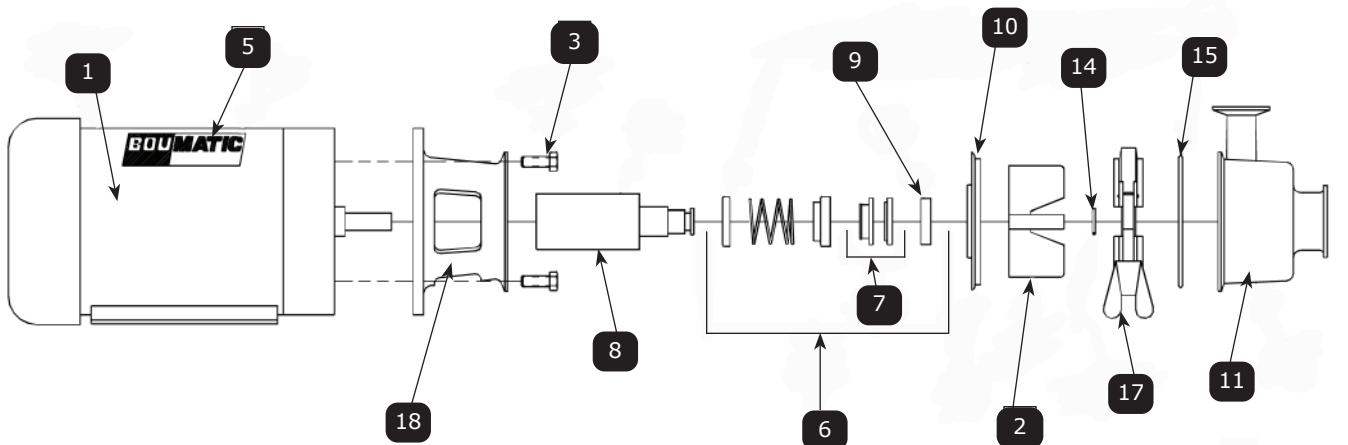
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | |
|-----------------|-----------------------|---|-----------------------------------|-----|-----|-----|-----|
| | 8519970 | Pump, 1Hp, 1Ph, 230V, 60Hz, CCW | 970 | | | | |
| | 8519971 | Pump, 1Hp, 3Ph, 230V, 50/60Hz, CCW | | 971 | | | |
| | 8517089 | Pump, Milk, 1Hp, 3Ph, 230/380V | | | 089 | | |
| | 8516253 | Pump, 1Hp, 1Ph, 230V, 50Hz, CCW | | | | 253 | |
| | 8516254 | Pump, 1Hp, 3Ph, 230V, 50Hz, CCW | | | | 254 | |
| | 8591730 | Pump, Milk, 1HP Washdown | | | | | 730 |
| 1 | 8513954 ² | Motor, 1Hp, 1Ph, 208/230V | 1 | - | - | 1 | - |
| | 8517090 | Motor, 1Hp, 3Ph, 380V, 50Hz | - | 1 | 1 | - | 1 |
| | 8591729 | Motor, 1Hp, 3Ph, 230/460V, SS | - | - | - | - | 1 |
| 2 | 8519949 | Impeller Assy, 3.250 | 1 | 1 | - | - | - |
| | 8517344 | Impeller Assy, 3.500 | - | - | 1 | 1 | 1 |
| 3 | 8519952 | Housing, Impeller, Pol, CCW | 1 | 1 | 1 | 1 | 1 |
| 4 | 8514340 | Flange, Pump Mtg, Machined, 1Hp | 1 | 1 | 1 | 1 | 1 |
| 5 | 1091044 | CSCR, HXH, SS, 3/8-16 x 1/2 | 4 | 4 | 4 | 4 | 4 |
| 6 | 8519972 | Clamp, Hinged, SS, 4.0 In | 1 | 1 | 1 | 1 | 1 |
| 7 | 8519958 | Gasket, Flanged, 4 In Hycar | 1 | 1 | 1 | 1 | 1 |
| 8 | 8513776 | Seal Assy, Pump Shaft | 1 | 1 | 1 | - | 1 |
| | 8588241 | Seal Assy, Pump Shaft, 50 Hz | - | - | - | 1 | - |
| 9 | 8513769 | n/s | Tool, Dis-Assy, Impeller | 1 | 1 | 1 | 1 |
| 10 | 8506120 | | Label, Bou-Matic, 2.25 x 6 | 1 | 1 | 1 | 1 |
| 11 | 85051231 ⁴ | | Cover Assy, Milk Pump, 1Hp, RH | 1 | 1 | 1 | 1 |
| 12 ³ | 8597337 | n/s | Kit, Service, Seal, 1HP 60Hz | a/r | a/r | a/r | - |
| | 8589641 | n/s | Kit, Service, Seal, 1HP 50Hz | - | a/r | a/r | a/r |
| 13 | ----- | Literature 9ES-690 (Installation & Operation Instructions) | ref | ref | ref | ref | ref |

Note:

1. Not included with pump assemblies. For wall mount with pump to right of the receiver jar.
2. 8513954 replaces 8591729.
3. Contains items 7 & 8.
4. Cover does not fit pumps with Weg motor (approx. 2022)

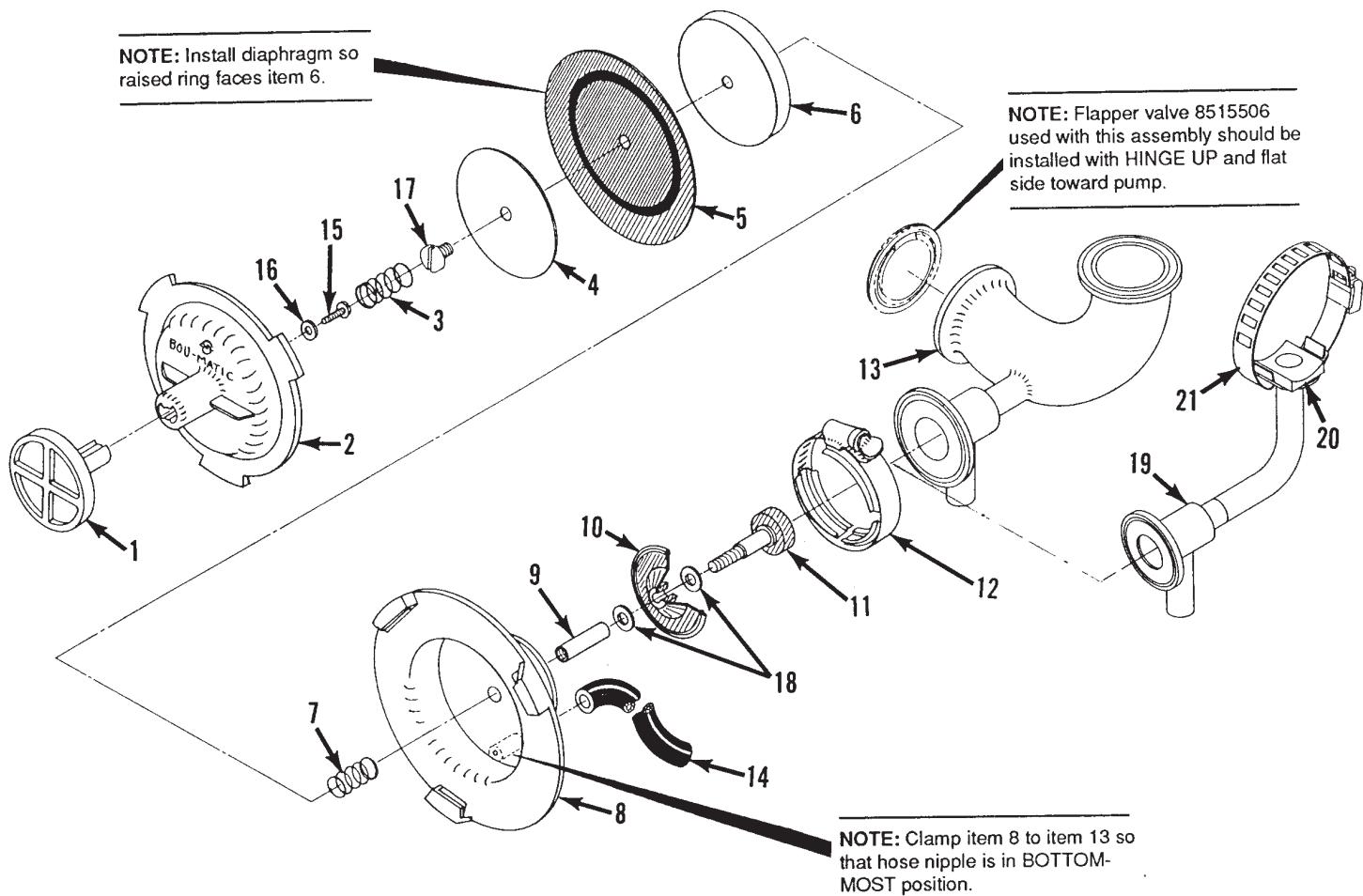
2-, 3-, and 5-Hp Milk Pumps

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 31 |
| EFFECTIVE: 6/30/23 | |



| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | |
|------|----------|-----------------------------|---|--|-----|-----|-----|-----|-----|-----|-----|
| | | | | 917 | 057 | 918 | 718 | 467 | 468 | 371 | 225 |
| | 8501917 | | Pump, 2hp, 1ph, 230V, 60Hz CCW | 917 | | | | | | | |
| | 8504057 | ⊗ | Pump, 2hp, 1ph, 230V, 60Hz CW | | 057 | | | | | | |
| | 8501918 | ⊗ | Pump, 2hp, CCW, 3ph, 230/460V, 60Hz | | | 918 | | | | | |
| | 8502718 | ⊗ | Pump, 2hp, 3ph, 230/460V, 60Hz, CW | | | | 718 | | | | |
| | 8507467 | | Pump, 2hp, Washdown, 3ph, 60Hz, CCW | | | | | 467 | | | |
| | 8507468 | | Pump, 2hp, Washdown, 3ph, 60Hz, CW | | | | | | 468 | | |
| | 8509371 | | Pump, 3hp, 3ph, CCW, 230/460V, 60Hz | | | | | | | 371 | |
| | 13483225 | | Pump, 5hp, Milk Transfer, 3ph, 230V | | | | | | | | 225 |
| 1 | 8501924 | | Motor, Milk Pump, 2hp, 1ph, 60Hz | 1 | 1 | - | - | - | - | - | - |
| | 8501925 | ⊗ | Motor, Milk Pump, 2hp, 3ph, 60Hz | - | - | 1 | 1 | - | - | - | - |
| | 8507531 | | Motor, 2hp, Washdown, 3ph, 60Hz | - | - | - | - | 1 | 1 | - | - |
| | 8509531 | | Motor, Milk Pump, 3hp, 3ph, 60Hz | - | - | - | - | - | - | 1 | - |
| 2 | 8501350 | | Impeller, Milk Pump, 3.875 in. | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| | 13940567 | | Impeller, Milk Pump, 4-7/8 in. | - | - | - | - | - | - | 1 | - |
| | 1359408 | | Impeller, Milk Pump, 4-1/8 in. (Std) | - | - | - | - | - | - | 1 | - |
| 3 | 1091044 | | CSCR, HXH, SS, 3/8-16 x 1/2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | - |
| 4 | 4015902 | | Contactor, 3 PSI, 240V, 30A (Not included with pump assemblies) | a/r | a/r | a/r | a/r | a/r | a/r | a/r | - |
| 5 | 8506279 | | Label, BouMatic, 1.5 x 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 6 | 8512561 | | Seal, Milk Pump, 2 or 3 hp | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 7 | 8501923 | ⊗ | Kit, Repair, Carbon Seal, MP, 2hp | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 8 | 8502697 | | Shaft Assy, Pump, 2hp 7/8 in (Std) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| | 13953067 | | Drive Shaft, 5/8 in. Bore, Thomsen | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 9 | 8518791 | ⊗ | Seal, Ceramic | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 10 | 8509322 | | Plate, Back, 2hp, Milk Pump | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| | 13489234 | | Back Plate, #5 Thomsen | - | - | - | - | - | - | 1 | - |
| 11 | 8509530 | | Housing, Milk Pump, 2hp, CCW | 1 | - | 1 | - | 1 | - | - | - |
| | 8583282 | | Housing, Milk Pump, 2hp, CW | - | 1 | - | 1 | - | 1 | - | - |
| | 1359395 | | Housing, #5 Pump, 2 in. x 2 in. Cover Assy, MP, 2hp, CCW, Vert. (Not included with pump assemblies) | - | - | - | - | - | - | 1 | - |
| 12 | 8507463 | | Literature 9ES-690 (Installation & Operation Instructions) | 1 | - | 1 | - | 1 | - | - | - |
| 13 | ----- | n/s | | Ref | Ref | Ref | Ref | Ref | Ref | Ref | - |
| 14 | 8512624 | | Clip, Impeller, Milk Pump | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 15 | 8512623 | | O-Ring, 3.984 x .139 | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| | 8512706 | | O-Ring, 4.987 x .139 | - | - | - | - | - | - | 1 | - |
| 16 | 8501919 | ⊗ | n/s | Kit, Seal, Milk Pump, 2hp (Includes items 7, 9, 14 & 15) | a/r | a/r | a/r | a/r | a/r | a/r | - |
| | 8512625 | | n/s | Kit, Service, Milk Pump Seal, 2hp 60Hz (Includes Seal & items 6, 14 & 15) | 1 | 1 | 1 | 1 | 1 | 1 | - |
| | 8512705 | | n/s | Kit, Service, Milk Pump Seal, 3hp 60Hz (Includes Seal & items 6, 14 & 15) | - | - | - | - | - | - | 1 |
| 17 | 13931048 | | Clamp, Milk Pump, #4 Thomsen (2hp) | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| | 13931148 | | Clamp, Milk Pump, #5 Thomsen (3hp) | - | - | - | - | - | - | 1 | - |
| 18 | 13925504 | | Adapter, Milk Pump, #5 Thomsen | - | - | - | - | - | - | - | 1 |
| 19 | 13489359 | | n/s | SEAL, INTERNAL, #8 THOMSEN, KIT (Includes 1-Teflon Seal, 1-Shaft O-ring, 1-Spring, 1-Head O-ring and 1-Impeller clip.) | - | - | - | - | - | - | a/r |

Drain-Valve Assemblies



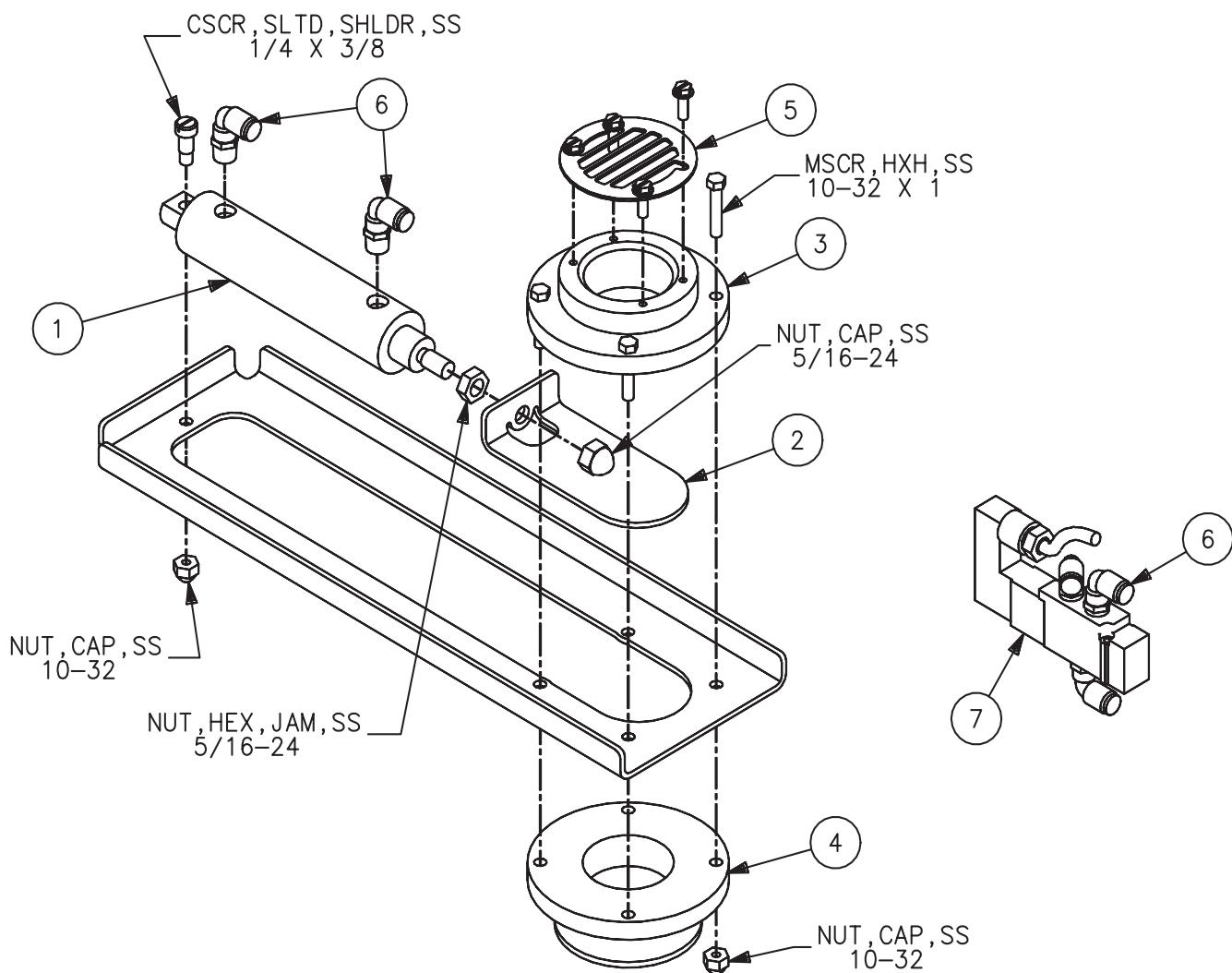
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------------|-----------------------------------|---|-----------------------------------|
| | | ^X =OBSOLETE n/s=NOT SHOWN | |
| 8511967 | | Valve Assy, Drain | 967 |
| 8511730 | | Valve Assy, Gooseneck Drain | 730 |
| 8501189 | Valve Assy Drain | | 189 |
| 1 | 8511978 | Handle, Drain Valve | 1 1 1 |
| 2 | 8511973 | Cover, Valve-Body | 1 1 1 |
| 3 | 8511981 | Spring, Compr., .480-.063, 1.000 | 1 1 1 |
| 4 | 8511969 | Retainer, Diaphragm | 1 1 1 |
| 5 | 8511970 | Diaphragm, Drain Valve | 1 1 1 |
| 6 | 8511968 | Piston, Vac, Drain Valve | 1 1 1 |
| 7 | 8511976 | Spring, Compr., .420-.035, .875 | 1 1 1 |
| 8 | 8511972 | Body, Drain-Valve | 1 1 1 |
| 9 | 8511977 | Rod, Piston | 1 1 1 |
| 10 | 8511975 | Diaphragm, Drain Valve | 1 1 1 |
| 11 | 8511971 | Seat, Drain Valve | 1 1 1 |
| 12 | 8507932 | Clamp, Band, SS, 1-1/2 | 1 1 - |
| 13 | 8511985 | Elbow Assy, Drain Valve | 1 - - |
| 14 | 8506904 ¹ 40163932C | Hose, Vinyl, .25 x .125W, Blk/Wht Tube, Vacuum, Single, 9/32" X 100 Ft | a/r a/r - a/r a/r - |
| 15 | 1024179 | TCSR, PNH, SS, 8-32 x 3/8 F | 1 1 1 |
| 16 | 1208383 | Washer, Plain, SS, #8 | 1 1 1 |
| 17 | 1096006 | MSCR, PNH, SS, 1/4-20 x 1/2 | 1 1 1 |
| 18 | 1208471 | Washer, Plain, SS, 1/4 NAR | 2 2 2 |
| 19 | 8511733 | Gooseneck Assy, Drain Set | - 1 - |
| 20 | 8500804 | Gasket, Milk Valve, 5/8 | - 1 - |
| 21 | 8510202 | Clamp, SS, Valve Assy, 1.5 x 3 | - 1 - |
| 22 | ----- | Literature, 9P- 412 (Installation Instructions) | a/r a/r a/r |
| 23 | 8591757 | n/s Kit, Service, Milkpump Drain Valve (contains items 3, 5, 7, 10 and 11) | a/r a/r a/r |

Notes:

1. Replaced by 40163932C. Note that this is a 100-foot roll.

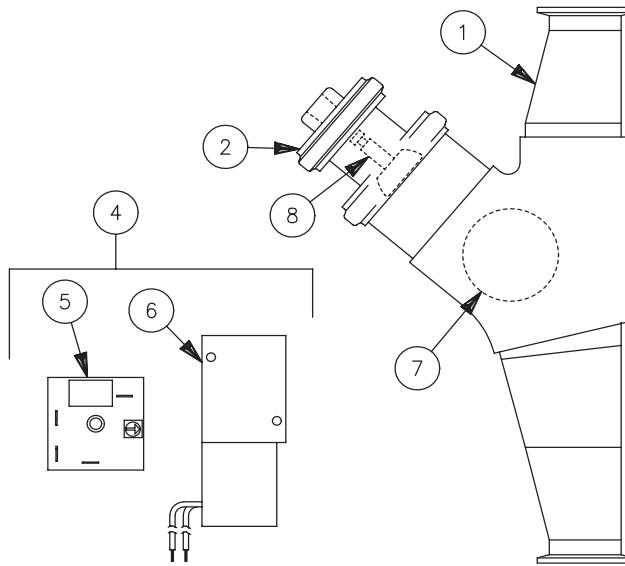
Air-Operated Drain Assembly

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 33 |
| EFFECTIVE: 2/15/03 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---|----------|--------------------------------|-----------------------------------|
| 8509980 Drain Assy, Wash, Air-Operated | | | |
| 1 | 4024403 | Cylinder,Drain Valve | 1 |
| 2 | 8510267 | Slide,Drain Valve | 1 |
| 3 | 4024404 | Body,Drain Valve. | 1 |
| 4 | 8509981 | Body,Ferruled,Drain | 1 |
| 5 | 4024409 | Guard,Drain Valve | 1 |
| 6 | 3554451 | Conn,Swl,Elb,5/32 OD X 1/8 NPT | 3 |
| 7 | 4023923 | Valve,4-Way,Air,220 VAC | 1 |

Air Blow Valve Assemblies



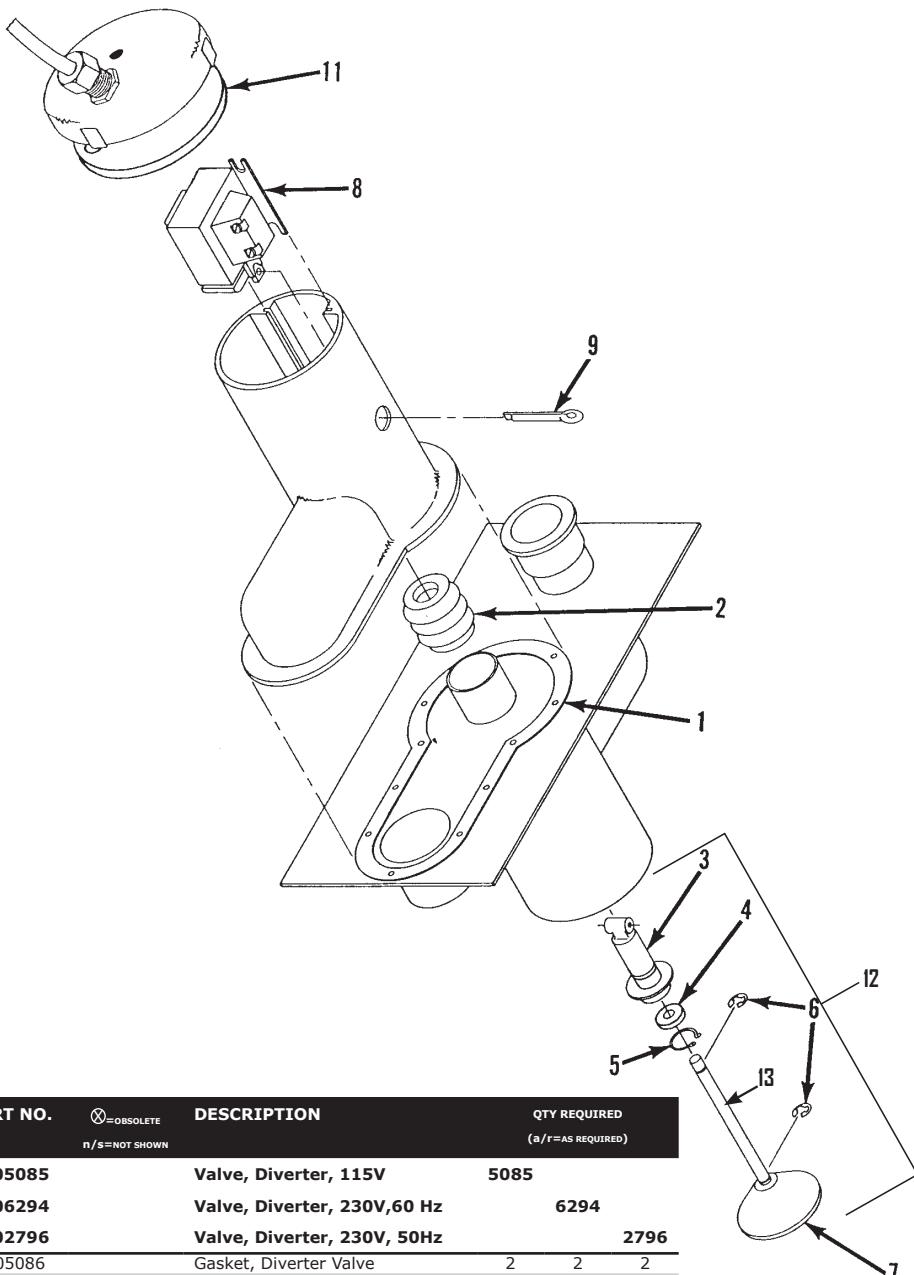
| ITEM | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------------------|-----------------------------|---|-----------------------------------|------------|
| | | | | 840 | 841 |
| | 8516840 | | Valve Assy, Airblow, 1-1/2" | 840 | |
| | 8516841 | | Valve Assy, Airblow, 2" | | 841 |
| 1 | 8516838 | | Valve, Check, 1.5 Y | 1 | - |
| | 8516839 | | Valve, Check, 2.0 Y | - | 1 |
| 2 | 8516837 | n/s | Valve, Air Blow Check, 2-1/2 | 1 | 1 |
| | 8516112 ¹ | | Valve, Air Blow Check, 1-1/2 | - | - |
| 3 | 8516836 ² | n/s | Filter, Air Blow | 1 | 1 |
| | 8516113 ² | n/s | Filter, Air Blow, Pk of 50 | a/r | a/r |
| 4 | 8516132 | | Kit, Air Blow Timer/Valve (Includes items 5 & 6) | - | - |
| 5 | 8516131 | | Timer, 1-30 Sec | - | - |
| 6 | 8516130 | | Valve, Solenoid, 230 VAC | - | - |
| 7 | 8502429 | | Ball, Rubber, 2" | 1 | 1 |
| 8 | 8504168 | | Plug & Stem Assy, Air Blow Vlv | 1 | 1 |
| 9 | - - - | | Literature 9E-696 (Installation Instructions) | a/r | a/r |

Notes:

1. 1-1/2" air blow valve used only with 1-1/2" straight tee and is not included in air blow valve assemblies.
2. Filters can be used with either size air blow valve.

Diverter Valve

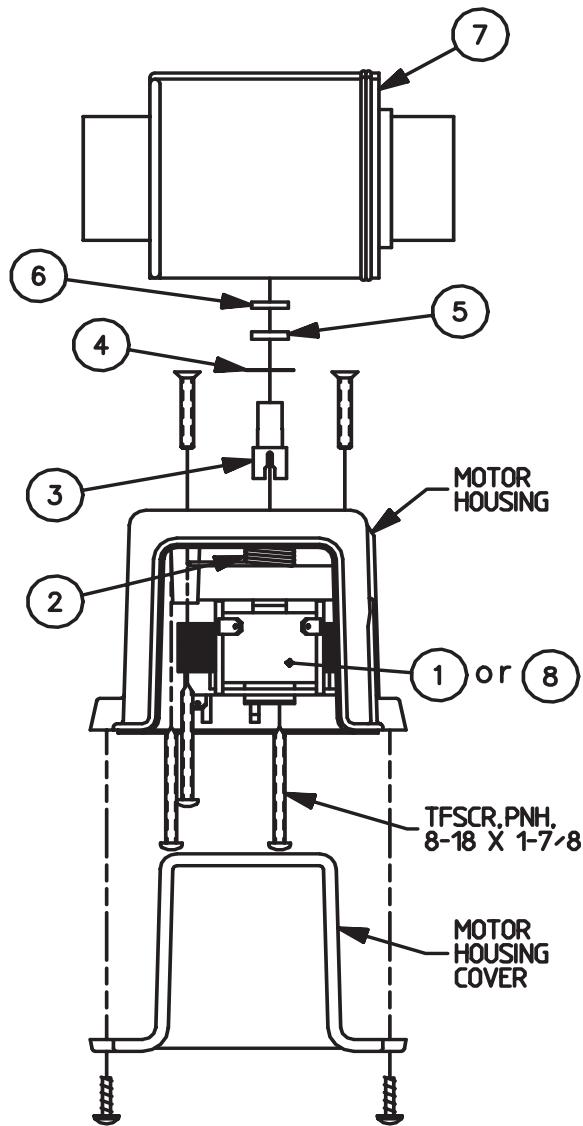
| | |
|------------------------|-------------------|
| SECTION C | PAGE 35 |
| EFFECTIVE: 11/19/18 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|---------------|----------|---|-----------------------------------|-----|-----|
| n/s=NOT SHOWN | | | | | |
| 8505085 | | Valve, Diverter, 115V | 5085 | | |
| 8506294 | | Valve, Diverter, 230V,60 Hz | 6294 | | |
| 8502796 | | Valve, Diverter, 230V, 50Hz | 2796 | | |
| 1 | 8505086 | Gasket, Diverter Valve | 2 | 2 | 2 |
| 2 | 8505087 | Bellows, Diverter Valve | 1 | 1 | 1 |
| 3 | 8505088 | Bushing, Diverter Valve | 1 | 1 | 1 |
| 4 | 8505089 | Wshr, Plstc, .33 x .61 x .12 | 1 | 1 | 1 |
| 5 | 8505090 | Ring, Retaining, Intl | 1 | 1 | 1 |
| 6 | 8505091 | Ring, Retaining, Ext, E, .219 | 3 | 3 | 3 |
| 7 | 8505092 | Plug, Stopper, Diverter Valve | 1 | 1 | 1 |
| 8 | 8505093 | Solenoid, Diverter Valve, 115V | 1 | - | - |
| | 8506295 | Solenoid, Diverter, 60 Hz, 230V | - | 1 | - |
| | 8502797 | Solenoid, Diverter, 50 Hz, 230V | - | - | 1 |
| 9 | 1210415 | Pin, Cotter, SS, 1/8 x 1-1/2 | 1 | 1 | 1 |
| 10 | - - - | Literature 9ES-421 (Installation & Service Instructions) | ref | ref | ref |
| 11 | 8506789 | ⊗ Shield, Diverter Valve | 1 | 1 | 1 |
| 12 | 122654 | ⊗ Stopper Rod Assembly | 1 | 1 | 1 |
| 13 | 122655 | ⊗ Stopper Rod | 1 | 1 | 1 |

Note: Shaft not included.

Electric Drain Valves

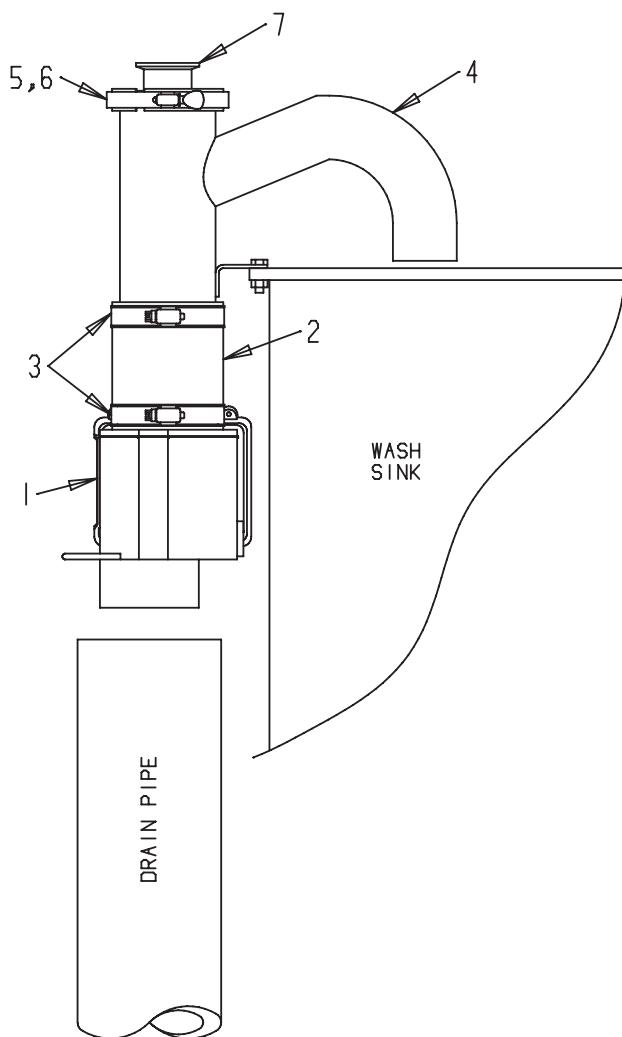


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------------------|--------------------------------|-----------------------------------|
| | | ⊗=OBSOLETE n/s=NOT SHOWN | |
| 8518176 | | Valve, Drain, 2" Elec 220V | 8176 |
| 8518177 | | Valve, Drain, 3" Elec 220V | 8177 |
| 1 | 8517698 | Motor, 2"Valve, 220V, 50/60Hz | 1 - |
| | 8515797 | Motor, 3"Valve, 220V, 50/60 Hz | - 1 |
| 2 | 8501254 | Spring, Drain Valve, 2" | 1 - |
| | 8517699 | Spring, Drain Valve, 3" | - 1 |
| 3 | 8516946 | Pin, Drive | 1 1 |
| 4 | 8516948 | Wsh, SS, .385 x .708 x .010 | 1 1 |
| 5 | 8516949 | Bearing, Shaft, Drain Valve | 1 1 |
| 6 | 8516950 | Seal, Ring, Drain Valve | 1 1 |
| 7 | 8515795 | Housing, Valve, 2" Elec Drain | 1 - |
| | 8515794 | Housing, Valve, 3" Elec Drain | - 1 |
| 8 | 8502617 ¹ | Coil/Stator Assy, 2"/3" Valve | 1 1 |

Note

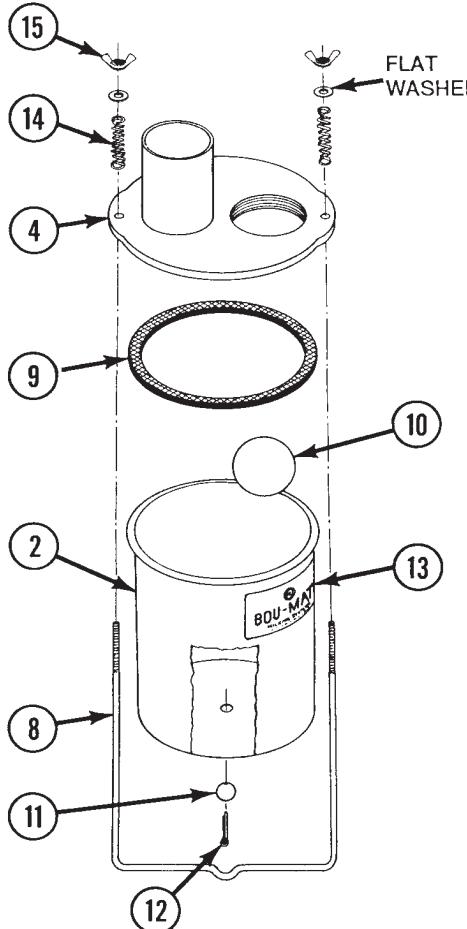
- When replacing Coil/Stator, reassemble with same orientation or motor will try to run backwards. Ensure that shaft is free after tightening screws.

S.S. Diverter Valve Assemblies

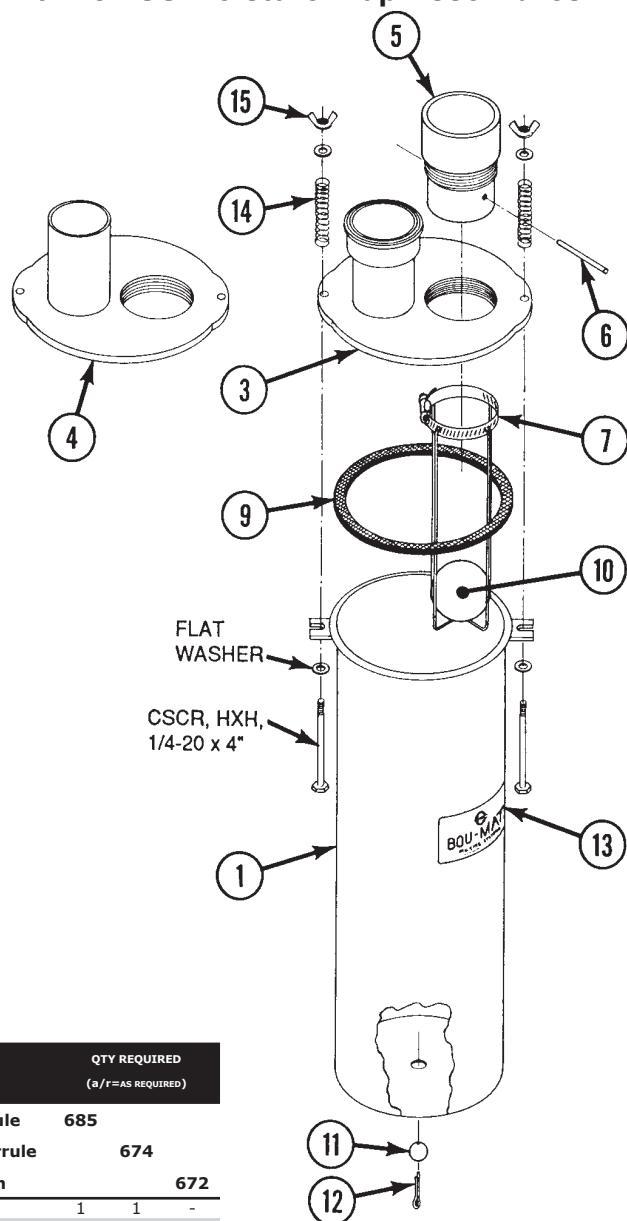


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------|-----------------------------|---|-----------------------------------|
| | | | | |
| 8518558 | | | Valve Assy, Diverter, 1.50 | 558 |
| 8518594 | | | Kit, Diverter, Valve, 2 | 594 |
| 8515633 | | | Valve Assy, Diverter, L/Adapter | 633 |
| 1 | 8518177 | | Valve, Drain, 3", Elec 220V | 1 1 1 |
| 2 | 8518671 | | Coupling, Rubber, Diverter | 1 1 1 |
| 3 | 8514035 | ⊗ | Clamp, Hose, SS, #48, 2.56-3.50 | 2 2 2 |
| 4 | 8518277 | | Outlet Assy, Diverter | 1 1 1 |
| 5 | 8507966 | | Clamp, Band, SS, 3 In | 1 1 1 |
| 6 | 8500331 | | Gasket, Tri-Clamp, 3 In | 1 1 1 |
| 7 | 8518187 | | Adapter, Ferrule, 1.50/3.00 | 1 - - |
| | 8518186 | | Adapter, Ferrule, 2.00/3.00 | - 1 - |
| 8 | ----- | | Literature 9E-671 (Installation, Operation & Maintenance Instructions) | a/r a/r a/r |

10-Inch SS Moisture Trap Assembly



20-Inch SS Moisture Trap Assemblies

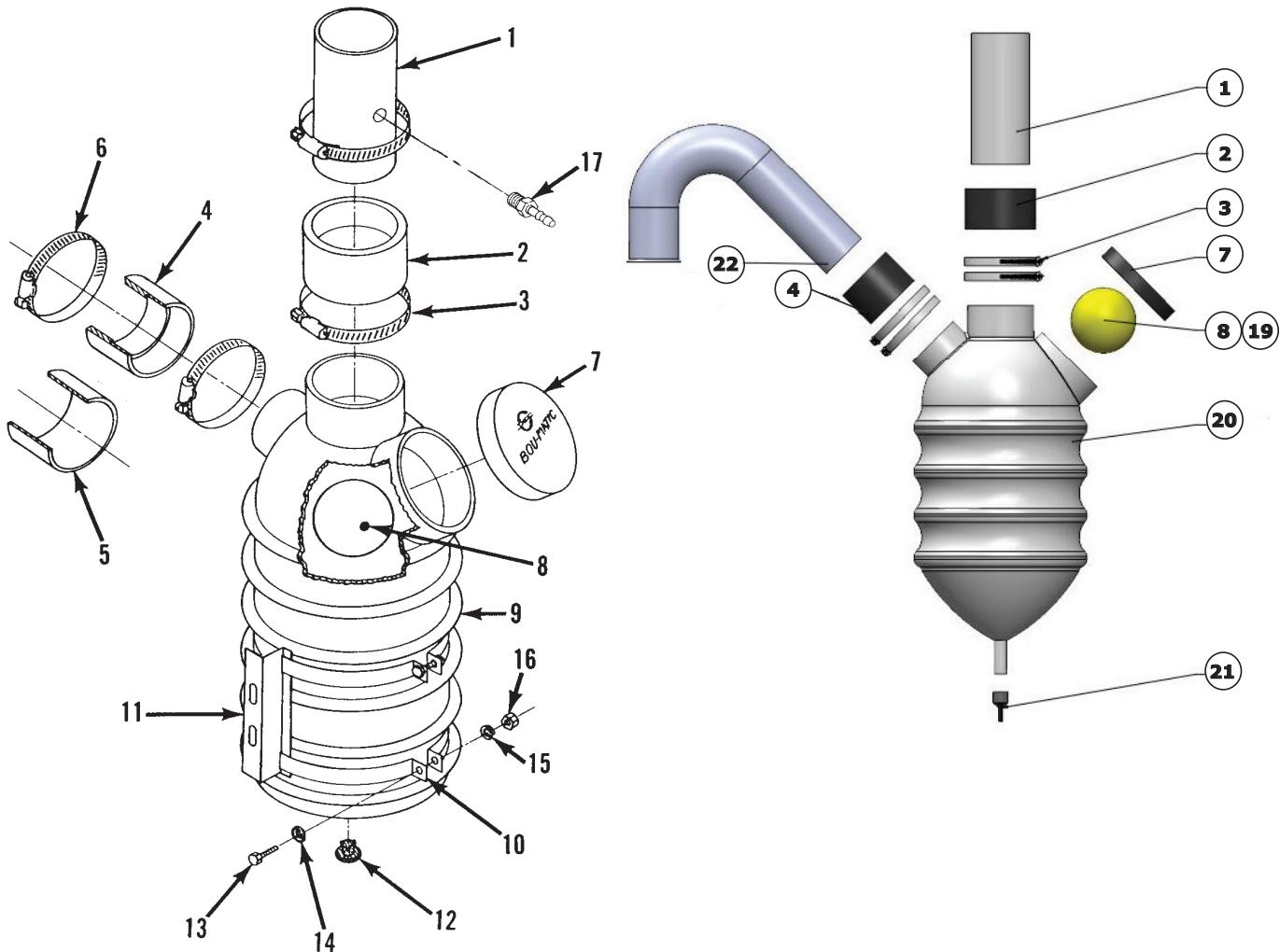


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------------------|------------------------|----------------------------------|-----------------------------------|
| <i>n/s=NOT SHOWN</i> | | | |
| | 8500685 | Trap Assy, Moisture, w/Ferrule | 685 |
| | 8500674 | Trap Assy, Moisture, w/o Ferrule | 674 |
| 8500672 | | | |
| 1 | 8500675 | Bucket, Moisture Trap, SS, 20 In | 1 1 - |
| 2 | 8500676 | Bucket, Moisture Trap, SS, 10 In | - - 1 |
| 3 | 8500681 | Lid Assy, Trap, w/Ferrule | 1 - - |
| 4 | 8500687 | Lid Assy, Trap, w/o Ferrule | - 1 1 |
| 5 | 8501335 ¹ | Support, Cage, Moisture Trap | 1 1 - |
| 6 | 8501333 ¹ | Pin, 3 In, Moisture Trap | 1 1 - |
| 7 | 8501332 ¹ | Cage, Moisture Trap, 3 In | 1 1 - |
| 8 | 8500696 | Ball, Moisture Trap, SS | - - 1 |
| 9 | 8500680 | Gasket, SS Moisture Trap | 1 1 1 |
| 10 | 8500679 | Ball, Float, Plstc, 3.50 Dia | 1 1 1 |
| | 8508347 ³ | Ball, Float, Plstc, 4.00 Dia | 1 1 1 |
| 11 | 8516709 ^{2,4} | Ball, Check, Rbr, 1.00 Dia | 1 1 1 |
| 12 | 1210415 ² | Pin, Cotter, SS, 1/8 x 1-1/2 | 1 1 1 |
| 13 | 8506120 | Label, Bou-Matic, 2.25 x 6 | 1 1 1 |
| 14 | 8500698 | Spring, Compr, .480-.063, 2.50 | 2 2 2 |
| 15 | 1206352 | Nut, Wing, SS, 1/4-20 | 2 2 2 |

Note:

1. Not supplied on early 20-inch trap assemblies.
2. Not supplied on early 10-inch trap assemblies.
3. When replacing 3.50" dia. ball with 4.00" dia. ball the cage will need to be modified.
4. 8515504 is a non-direct replacement. It needs a hole drilled in it in order to work.

3-Inch Moisture Trap Assembly



| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) | |
|---------|----------|---|---------------------------|---------|
| | | | Previous | Current |
| 8508251 | | Trap Assy, Moisture, 3.00 In Prior to 2020 | | |
| 8508251 | | Trap Assy, Moisture, 3.00 In After 2020 | | |
| 1 | 8508242 | Coupling, PVC, Sch-40, 3 x 9 | 1 | 1 |
| 2 | 8504278 | Sleeve, Rubber, Vacuum | 1 | 1 |
| 3 | 8500856 | Clamp, Hose, SS, #64, 2.56-4.50 | 2 | 1 |
| 4 | 8504277 | Sleeve, Rubber | 1 | 1 |
| 5 | 8504290 | Sleeve, 4.00 OD x .285 Wall (Fits 3-inch glass Y) | 1 | 1 |
| 6 | 8510105 | Clamp, Hose, SS, #56, 2.13-4.00 | 2 | - |
| 7 | 8508243 | Cover, Moisture Trap | 1 | - |
| 8 | 8508237 | Ball, Float, Plstc, 4.25 Dia | 1 | - |
| 9 | 8508233 | Body, Moisture Trap | 1 | - |
| 10 | 8508250 | Strap, Moisture Trap | 2 | - |
| 11 | 8508248 | Bracket, Moisture Trap | 1 | - |
| 12 | 3552570 | Valve, Check | 1 | - |
| 13 | 1091008 | CSCR, HXH, SS, 1/4-20 x 3/4 | 2 | - |
| 14 | 1208386 | Washer, Plain, SS, 1/4 | 2 | - |
| 15 | 1209386 | Wshr, Lock, Hlcl Spr, SS, 1/4 | 2 | - |
| 16 | 1203352 | Nut, Hex, SS, 1/4-20 | 2 | - |
| 17 | 8512906 | Adapter, 1/4 Hose x 1/4 NPT | 1 | - |
| 18 | | | | |
| 19 | 13204122 | BALL, 4-1/4", MOISTURE TRAP | - | 1 |
| 20 | 1320414 | BODY, MOISTURE TRAP, 3" | - | 1 |
| 21 | 8517844 | VALVE,CHECK,DUCK-BILL,RUB. | - | 1 |
| 22 | 1370684 | J-BEND, 3" VACUUM, COMPACT REC | - | 1 |
| 23 | ----- | Literature 9ES-349 (Install. Instr.) | ref | ref |

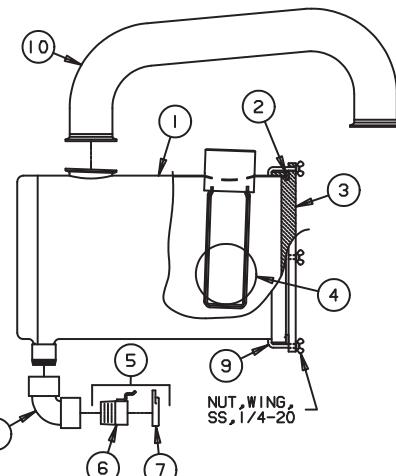
3 & 4 in SS Moisture Trap Assemblies

SECTION C
PAGE 39
EFFECTIVE: 9/7/23

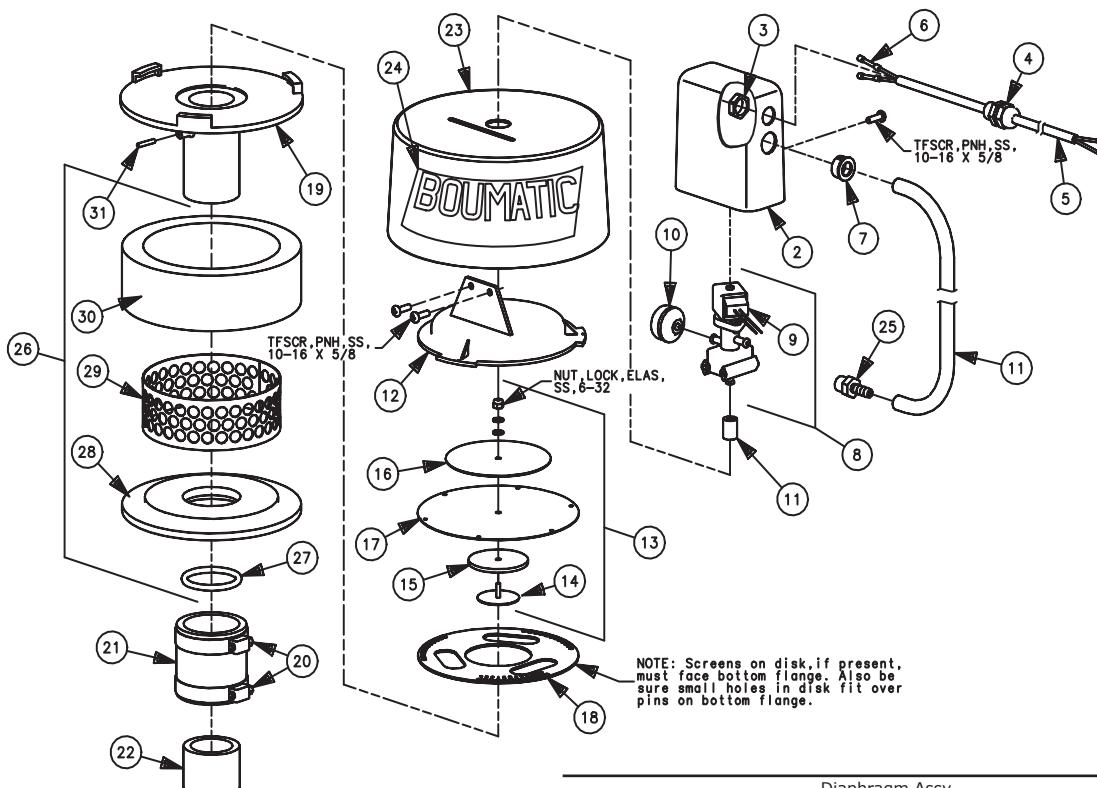
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------------------|--|-----------------------------------|
| | | ⊗=OBsolete n/s=NOT SHOWN | |
| 8518842 | | Trap Assy, Moisture, 3 In, SS | 842 |
| 8518605 | | Trap Assy, Moisture, 4 In, SS | 605 |
| 137114 | | Trap Assy, SS, 11.7 gal | 114 |
| 1 | 8518840 | Body Assy, Moisture Trap, SS, 3.0 | 1 - - |
| | 8553813 | Body Assy, Moisture Trap, SS, 4.0 | - 1 - |
| 2 | 8501167 | Gasket, Lid, 12.25, RCVR, 30L | 1 1 - |
| | 8594460 | Gasket, Lid, Trap, 11.7 gal | - - 1 |
| 3 | 8501171 | Lid, Acrylic | 1 1 - |
| | 1371133 | Cover and Gasket Trap, 11.7 gal | - - 1 |
| 4 | 8508237 | Ball,Float, Plastic, 4.25 Dia | 1 - - |
| | 8504113 ² | Ball,Float, Plastic, 4.75 Dia | - 1 - |
| 5 | 8505901 | Valve Assy, Drain-Valve, 1-1/4 NPT (includes items 6 & 7) | 1 1 - |
| 6 | 8505902 | Body Assy, Drain-Valve | 1 1 - |
| 7 | 8505903 | Flapper, Drain-Valve, Rubber | 1 1 - |
| 8 | 3553300 | Elbow, 90 Deg., ST, PVC, 1-1/4 | 1 1 - |
| 9 | 8514263 | Bolt, Special, 1/4-20 | 4 4 - |
| 10 | 8518856 ¹ | Elbow, Moisture Trap, 3.00 | 1 - - |
| | 8518183 ¹ | Elbow, Moisture Trap, 4.00 | - 1 - |

Note:

1. Not included with trap assemblies.
2. Older model 4" moisture trap assemblies used a 6" float ball. When replacing the 6" ball with the 4.75" ball the cage will need to be modified.



Cyclone 610 Air Injector



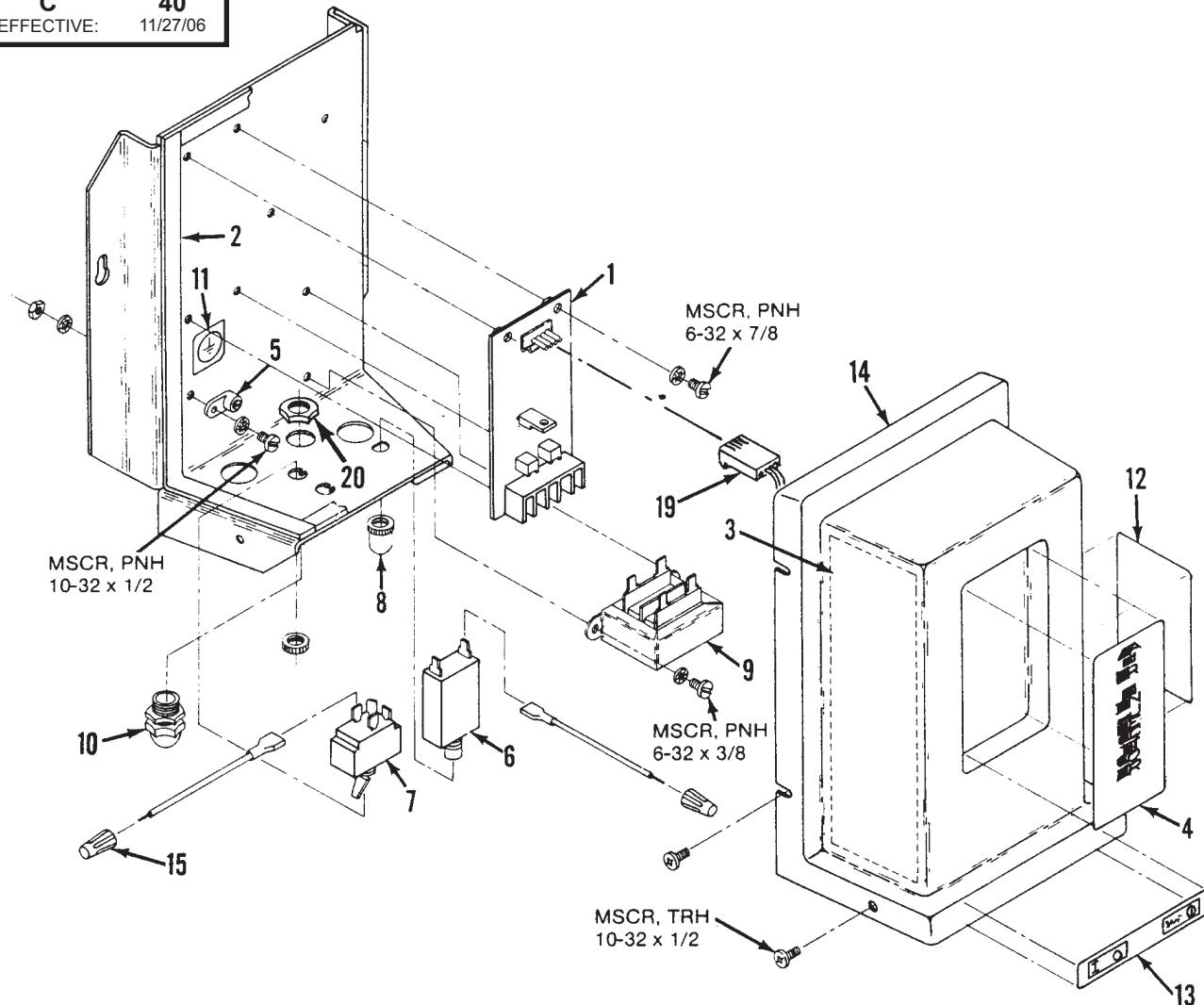
| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|---------|----------------------|--|-------------|----------------------------|
| 8506236 | ⊗ | Injector, Air, Cyclone 610 | 236 | |
| 8503938 | | Air Inj Assy, Cyclone 610, Fil | 938 | |
| 1 | ----- | Literature 9E-446 (Installation Instructions) | ref | ref |
| 2 | 8506239 | Cover, Air Injector | 1 | 1 |
| 3 | 1917561 | Connector, Dome, Nut, PG9 | 1 | 1 |
| 4 | 1917502 | Conn, Str-Rlf, .19-.30, PG9 | 1 | 1 |
| 5 | 8506251 | ⊗ Cord, Power, Air Injector (Includes item 6) | 1 | 1 |
| 6 | 4015408 | Conn, Butt, 22-16 AWG | 2 | 2 |
| 7 | 8506250 | Bushing, Snap, Nylon, SB-750-8 | 1 | 1 |
| 8 | 8506216 | Valve, 3-Way, Sol, 24V, 50/60Hz (Includes item 9) | 1 | 1 |
| 9 | 8506309 | Coil, Solenoid, 24V-6.5 Watt | 1 | 1 |
| 10 | 8506249 | Screen, Vent, Solenoid-Valve | 1 | 1 |
| 11 | 8506904 ¹ | Hose, Vinyl, .25 x .125W, Blk/Wht | a/r | a/r |
| | 40163932C | Tube, Vacuum, Single, 9/32" X 100 Ft | a/r | a/r |
| 12 | 8506212 | Flange, Air Injector Top | 1 | 1 |

| | | | | |
|----|---------|--|---|---|
| 13 | 8506241 | Diaphragm Assy (Includes item 14 thru 17) | 1 | 1 |
| 14 | 8516159 | Retainer Assy, Air Inj, 1.50 Dia | 1 | 1 |
| 15 | 8506230 | Disk, Rubber, Air Injector | 1 | 1 |
| 16 | 8506232 | Disk, Back-Up | 1 | 1 |
| 17 | 8506213 | Diaphragm, Air Injector | 1 | 1 |
| 18 | 8516118 | ⊗ Disc, Drilled, Air Injector | 1 | - |
| | 8503873 | Disc, Drilled, Air Inj | - | 1 |
| 19 | 8504148 | Body, Air Injector | 1 | 1 |
| 20 | 8514033 | Clamp, Hose, SS, #36, 1.80-2.75 | 2 | 2 |
| 21 | 4016502 | Hose, Vinyl, 2.00 x 2.50 | 1 | 1 |
| 22 | 8506227 | Hose, Vinyl, 2.00 x 1.50 | 1 | - |
| 23 | 8503904 | Cover, Drip Proof, Air Inj | - | 1 |
| 24 | 8506120 | Label, Bou-Matic, 2.25 x 6 | - | 1 |
| 25 | 8512906 | Adapter, 1/4 Hose x 1/4 NPT | - | 1 |
| 26 | 8503024 | Kit, Service, Air Injector (Includes items 27 - 31 & item 18 [8503873]) | - | 1 |
| 27 | 8500520 | O-ring, 1.850 x .210 | - | 1 |
| 28 | 8503027 | Base, Filter, Air Inj | - | 1 |
| 29 | 8503025 | Support, Perf, Air Inj | - | 1 |
| 30 | 8503026 | Filter, Foam, Air Inj | - | 1 |
| 31 | 8503028 | Plug, Rubber, .139 x .75 | - | 1 |

Notes:

1. Replaced by 40163932C. Note that this is a 100-foot roll.

Air Injector Controller



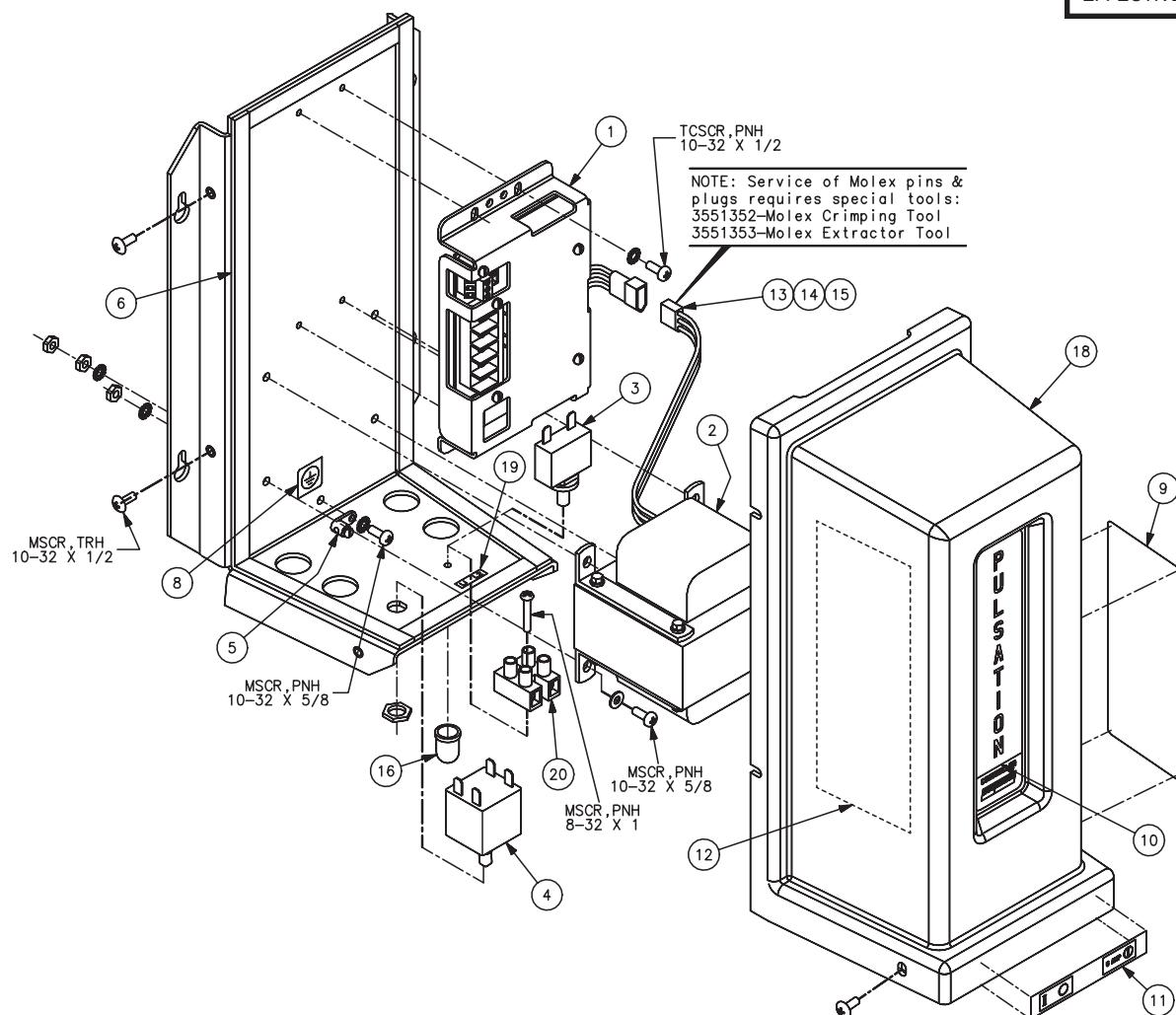
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|--|-----------------------------------|
| | 8518532 | Cont Assy, AI, 230V, 50/60Hz | - |
| 1 | 8513986 | PWB Assy, Air Inj Timer | 1 |
| 2 | 8518520 | Gasket Set | - |
| 3 | 8518531 | Label, Wiring Diag, Air Injector | 1 |
| 4 | 8518534 | Label, Air Injector | 1 |
| 5 | 3551897 | Lug, Ground, 14 to 8 AWG | - |
| 6 | 8518540 | Breaker, Ckt, 3A | 1 |
| | 8516825 ¹ | Breaker, Ckt, 5A, VDE | 1 |
| 7 | 8516824 | Switch, Toggle, DPST, On-Off, VDE | 1 |
| 8 | 4015960 | Seal, Switch, Ckt-Breaker | 1 |
| 9 | 8514091 | Xfmr, 230V, 26V, 50/60Hz | 1 |
| 10 | 1917504 | Conn, Str-Rif, .23-.39, PG11 | 1 |
| 11 | 8505776 | Label, Ground, International | 1 |
| 12 | 8505774 | Label, Caution, Eng/Fr/Gr | 1 |
| 13 | 8518512 | Label, Switches | 1 |
| | 8516823 | Label, Switches, 5A, VDE | 1 |
| 14 | 8518519 | Enclosure, Air/Liquid Control (Does not include label items 3, 4, 12, 13 & nameplate) | 1 |
| 15 | 3553423 | Conn, Wire, 18-14 AWG, Pkg100 (Part no. represents no. of parts, not packages; 1 each required per connection) | 2 |
| 16 | - - - - - | Literature 9P-446 (Installation Instructions) | ref |
| 19 | 8518525 | Wire Harness, Air Injector (Includes connector, terminals & wires) | 1 |
| 20 | 1917562 | Connector, Dome, Nut, PG11 | 1 |

NOTE:

1. Use 5A circuit breaker as replacement for any 3A circuit breakers.

Pulsation Controller Assembly

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 41 |
| EFFECTIVE: 2/15/03 | |

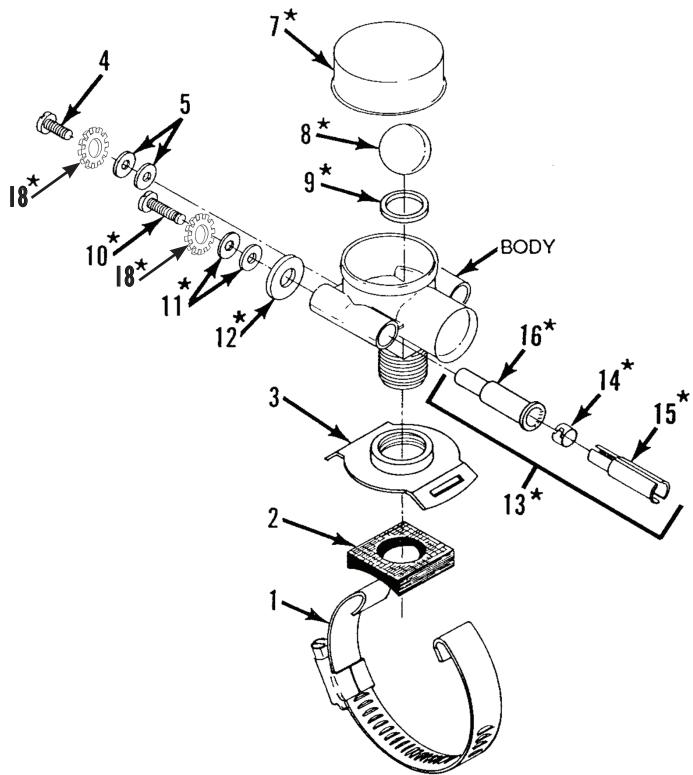


| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|-------------|----------------------|--|-----------------------------------|
| | 8518514 | Controller Assy, Pulsation, PC-201 | 514 |
| | 8509979 | Controller Assy, Pulsation, PC-210 | 979 |
| 1 | 8518588 | Module Base Assy, 45/52/60PPM | 1 - |
| | 8509330 | PWB & BKT Assy, Module, PRISM | 1 - |
| 2 | 8518577 | Xfmr, 115/230V, 50/60Hz | 1 1 |
| 3 | 8518540 | Breaker, Ckt, 3A | 1 - |
| | 8516825 ¹ | Breaker, Ckt, 5A, VDE | 1 - |
| 4 | 8516824 | Switch, Toggle, DPST, On-Off, VDE | 1 - |
| | 8510840 | Breaker, Ckt, Switch, 5A | - 1 |
| 5 | 3551897 | Lug, Ground, 14 to 8 AWG | 1 1 |
| 6 | 8518513 | Gasket Set | 1 1 |
| 7 | 3553423 | Conn, Wire, 18-14 AWG, Pkg100 (Part no. represents no. of parts, not packages; 1 each required per connection) | 2 - |
| 8 | 8505776 | Label, Ground, International | 1 1 |
| 9 | 8504733 | Label, Warning, Electrical | 1 1 |
| 10 | 8518510 | Label, Pulsation Controller | 1 1 |
| 11 | 8518512 | Label, Switches | 1 - |
| | 8516823 | Label, Switches, 5A,VDE | 1 1 |
| 12 | 8518515 | Label, Pulsation, Wiring Diagram | 1 - |
| | 8510178 | Label, Pulsation, Wiring Diagram | - 1 |
| 13 | 1916903 | Connector, Recept, FH, 3-Pin | 1 1 |
| 14 | 1916719 | Conn, Pin, .093, F, 18-22, .06/.12 | 3 3 |
| 15 | 1916701 | Conn, Pin, .093, M, 18-22, .06/.12 | 3 3 |
| 16 | 4015960 | Seal, Switch, Ckt-Breaker | 1 - |
| 17 | - - - | Literature 9P-440 | ref - |
| | - - - | Literature 9P-471 (Installation Instructions) | - ref |
| 18 | 8518509 | Enclosure, Pulsation Control (Does not include labels items 8, 9, 10, 11 & nameplate) | 1 1 |
| 19 | 8510256 | Label, L1-L2 | - 1 |
| 20 | 1917660 | Connector, Term Strip, 2-pos | - 1 |

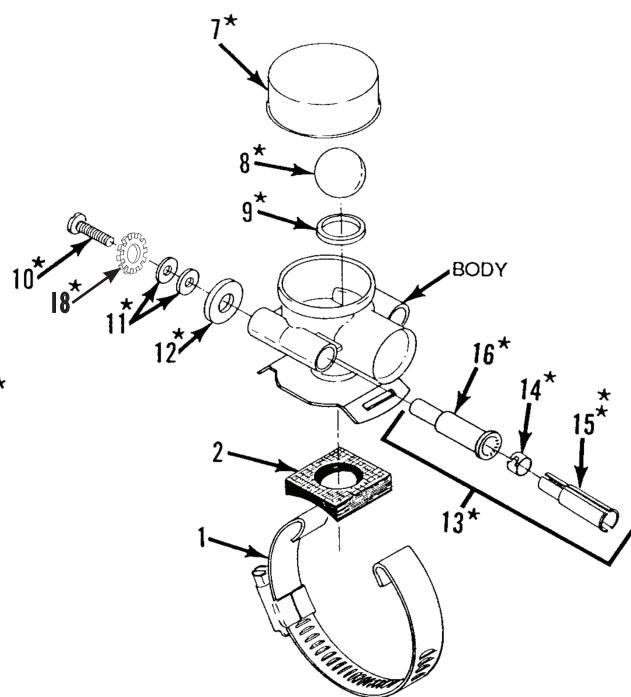
NOTE:

1.Use 5A circuit breaker as replacement for any 3A circuit breakers.

Die-Cast Stallcocks



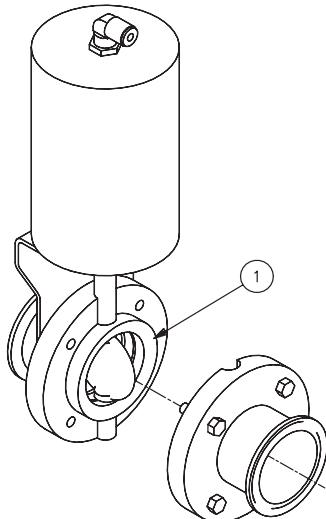
Stainless-Steel Stallcocks



| ITEM | PART NO. | ⊖=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------|-----------------------------|--|-----------------------------------|
| | 8517600 | | Stallcock, Die-Cast, 3/8 NPT | 600 |
| | 8511624 | | Stallcock, Die-Cast, Clamp-On | 624 |
| | 8511604 | ⊖ | Stallcock, Die-Cast, Clamp-On (Replaced by 8511624) | 604 |
| | 8517617 | ⊖ | Stallcock, SS, Clamp-On | 617 |
| | 8517608 | ⊖ | Stallcock, SS, Clamp-On | 608 |
| 1 | 8500857 | | Clamp, SS, Valve Assy, 1.5 x 4 | - 1 1 1 1 |
| 2 | 8500804 | | Gasket, Milk Valve, 5/8 | - - 1 - 1 |
| 8500855 | ⊖ | Gasket, 3/4 | - - - 1 - | |
| 8504010 | | Gasket, .152, Hole | - 1 - - - | |
| 3 | 8511603 | | Ear Assy, SS, 3/8 NPT | - 1 1 - - |
| 4 | 1090165 | ⊖ | TFSCR, HXH, SS, 6-32 x 1/2 TT (replaced by 1089165) | 1 1 1 - - |
| | 1089165 | | TFSCR, HXH, SS, 6-32 x 1/2 | 1 1 1 - - |
| 5 | 8500709 | | Wshr, Br, .152 x .380 x .05 | 2 2 2 - - |
| | 1208383 | | Washer, Plain, SS, #8 | 2 2 - - - |
| 6 | 8500704 | | Kit, Repair, Stallcock (Includes all parts marked with an asterisk H) | 1 1 1 1 1 1 |
| 7 | 8500701 | | Cover, Stallcock | 1 1 1 1 1 |
| 8 | 8517606 | | Ball, Check, Plstc, .65 Dia | 1 1 1 1 1 |
| 9 | 8500718 | | Seal, Ring, Stallcock | 1 1 1 1 1 |
| 10 | 1014167 | ⊖ | MSCR, HXH, SS, 6-32 x 3/4 (replaced by 1038167) | 2 2 2 2 2 |
| | 1038167 | | CSCR, HXH, SLOT, SS, 6-32 x 3/4 | 2 2 2 2 2 |
| 11 | 8500709 | | Wshr, Br, .152 x .380 x .05 | 4 4 4 4 4 |
| 12 | 8500707 | | Wshr, Polyp, .25 x .62 x .11 | 2 2 2 2 2 |
| 13 | 8500853 | | Contact Assy, Stallcock (Includes items 14 thru 16) | 2 2 2 2 2 |
| 14 | 8519219 | | Bushing, Spring | 1 1 1 1 1 |
| 15 | 8500850 | | Contact, Stallcock | 2 2 2 2 2 |
| 16 | 8500708 | | Sleeve, Insulating | 1 1 1 1 1 |
| 17 | 8519221 | | Kit, Repair, Contact, 20 (Includes 20 each of items 12 & 13) | a/r a/r a/r a/r a/r |
| 18 | 1249382 | | Washer, Lock, Ext-T, SS, #6, Type A | 3 3 3 2 2 |

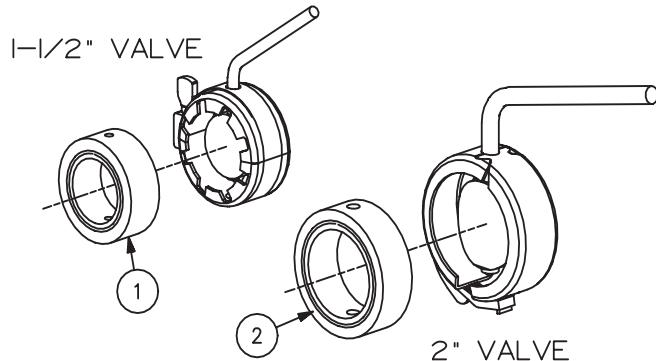
Butterfly Valve

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 43 |
| EFFECTIVE: 2/15/03 | |



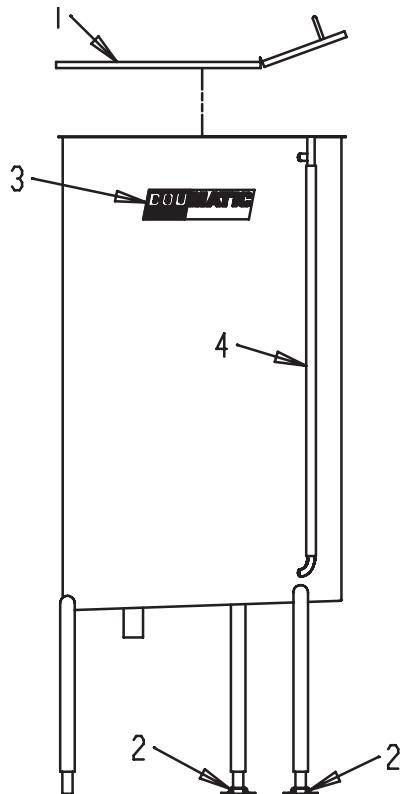
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------------|--|----------------------------------|-----------------------------------|
| 8509974 | Valve, Butterfly, 1.5, Air Closed | 974 | |
| 8509975 | Valve, Butterfly, 2.0, Air Closed | 975 | |
| 8509976 | Valve, Butterfly, 2.5, Air Closed | 976 | |
| 8502785 | Valve, Butterfly, 3.0, Air Closed | 785 | |
| 8502786 | Valve, Butterfly, 4.0, Air Closed | | 786 |
| 1 | 8510340 | Seat, 1.5", Butterfly Valve, Rbr | 1 - - - - - |
| | 8510341 | Seat, 2", Butterfly Valve, Rbr | - 1 - - - |
| | 8510342 | Seat, 2.5", Butterfly Valve, Rbr | - - 1 - - |
| | 8510343 | Seat, 3", Butterfly Valve, Rbr | - - - 1 - |
| | 8510344 | Seat, 4", Butterfly Valve, Rbr | - - - - 1 |

1-1/2 & 2 Inch Butterfly Valves



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|-----------------------------------|-----------------------|-----------------------------------|
| 8507986 | Valve, Butterfly, Wash Line, 1.5 | 986 | |
| 8507986 | Valve, Butterfly, Wash Line, 2 IN | 988 | |
| 1 | 8507987 | Gasket, Valve, 1.5 IN | 1 - |
| 2 | 8507989 | Gasket, Valve, 2 IN | - 1 |

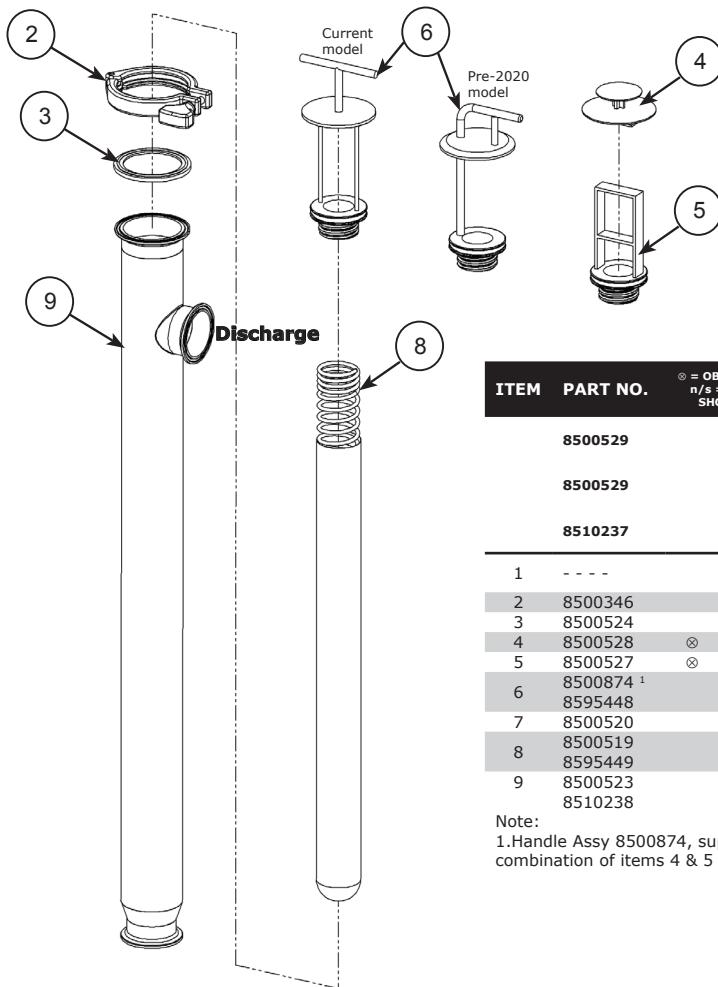
Vertical Tank Assemblies



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------|---------------------------------------|-----------------------------------|
| | | ⊗=OBSOLETE n/s=NOT SHOWN | |
| 8517775 | ⊗ | Tank Assy, Vert 99 Gal | 775 |
| 8517776 | ⊗ | Tank Assy, Vert 132 Gal | 776 |
| 8517777 | ⊗ | Tank Assy, Vert 163 Gal | 777 |
| 1 | 8517778 | ⊗ n/s Lid, Flat, Blank, Vertical Tank | 1 1 1 |
| | 8517779 | ⊗ Lid, Hngd, Blank, Vertical tank | 1 1 1 |
| 2 | 8517780 | ⊗ Anchor, Tank | 2 2 2 |
| 3 | 8506167 | Label, Bou-Matic, 3.00 x 10.00 | 1 1 1 |
| 4 | 8590222 | Hose, Milk, B/M, 5/8 ID x 140 ft | a/r a/r a/r |

2-1/2 Inch Milk-Filter Assembly

SECTION C
PAGE 45
EFFECTIVE: 12/17/20

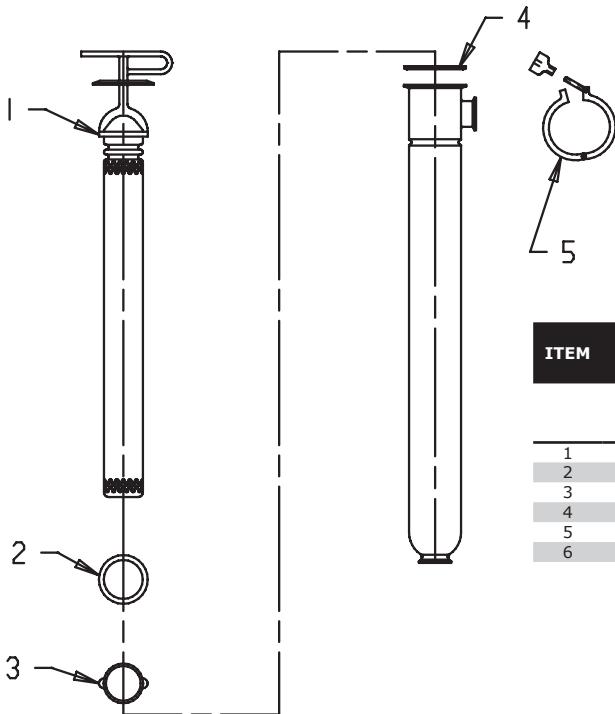


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|---------------------------------|---|-----------------------------------|
| | 8500529 | Filter Assy, Milk, 2.5" with 1.5" Discharge | Before 2021 |
| | 8500529 | Filter Assy, Milk, 2.5" with 1.5" Discharge | Current version |
| | 8510237 | Filter Assy, Milk, 2.5" with 2" Discharge | 237 |
| 1 | - - - | Literature 9P-376 (Installation Instructions) | ref ref ref |
| 2 | 8500346 | Clamp, Hinged, SS, 2.5 In | 1 1 1 |
| 3 | 8500524 | Gasket, Tri-Clamp, Flg, 2-1/2 | 1 1 1 |
| 4 | 8500528 | Cap, Milk-Filter | 1 - 1 |
| 5 | 8500527 | Plug, Milk-Filter | 1 - 1 |
| 6 | 8500874 ¹ 8595448 | Handle Assy, Milk Filter Head, Filter, 2.5", After 2020 | 1 1 1 |
| 7 | 8500520 | n/s O-ring, 1.850 x .210 | 1 - 1 |
| 8 | 8500519 8595449 | Coil, Milk Filter Spring, Filter, 2.5, After 2020 | 1 1 1 |
| 9 | 8500523 8510238 | Body Assy,Milk Filter,1.5" Discharge Body Assy,Milk Filter,2' Discharge | 1 - - |

Note:

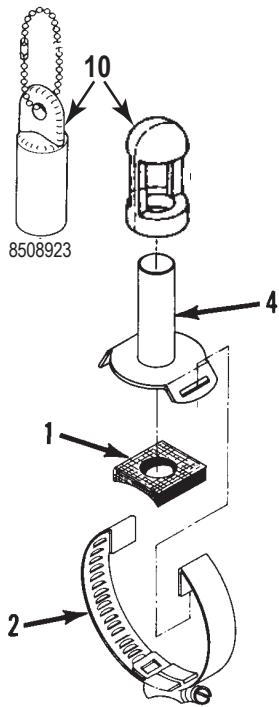
1.Handle Assy 8500874, supplied with later versions, can also be used as replacement for combination of items 4 & 5 on earlier versions.

4 Inch Milk-Filter Assembly

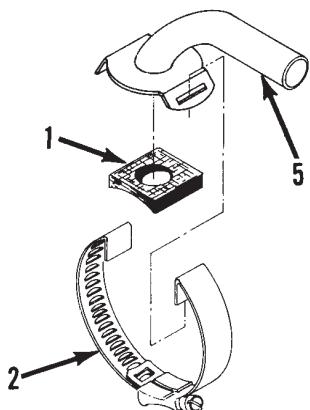


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|--|-----------------------------------|
| | 8500887 | Filter, Milk, 4" x 2" Side Discharge | 887 |
| | 8509381 | Filter, Milk, 4" x 2.5" Side Discharge | 381 |
| 1 | 8500888 | Insert, 4" Filter | 1 |
| 2 | 8500889 | Seal, Top, 4" Filter | 1 |
| 3 | 8500890 | O-ring, Tab, 4" Filter | 2 |
| 4 | 8519958 | Gasket, Flange, 4", Hycar | 1 |
| 5 | 8519972 | Clamp, Hinged, 4", Hvy Duty | 1 |
| 6 | 8500892 | Filter, Sock, 4.88 x 33.00 | 1 |

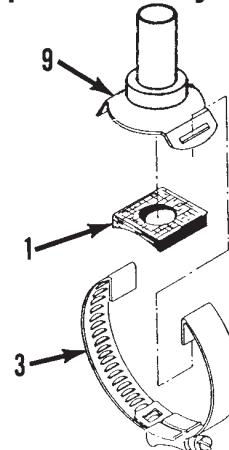
Straight Nipple Assemblies



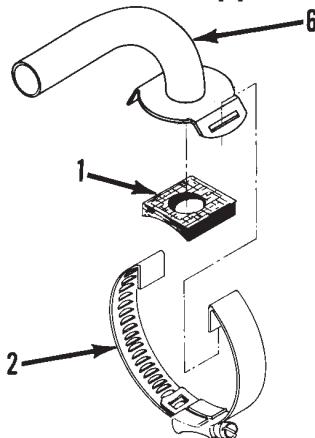
Perpendicular Gooseneck Nipple Assemblies



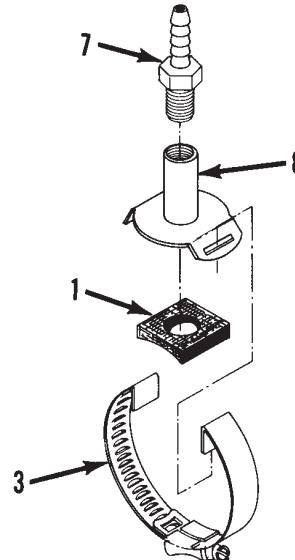
Nipple Assembly 1/4 Hose



Parallel Gooseneck Nipple Assembly



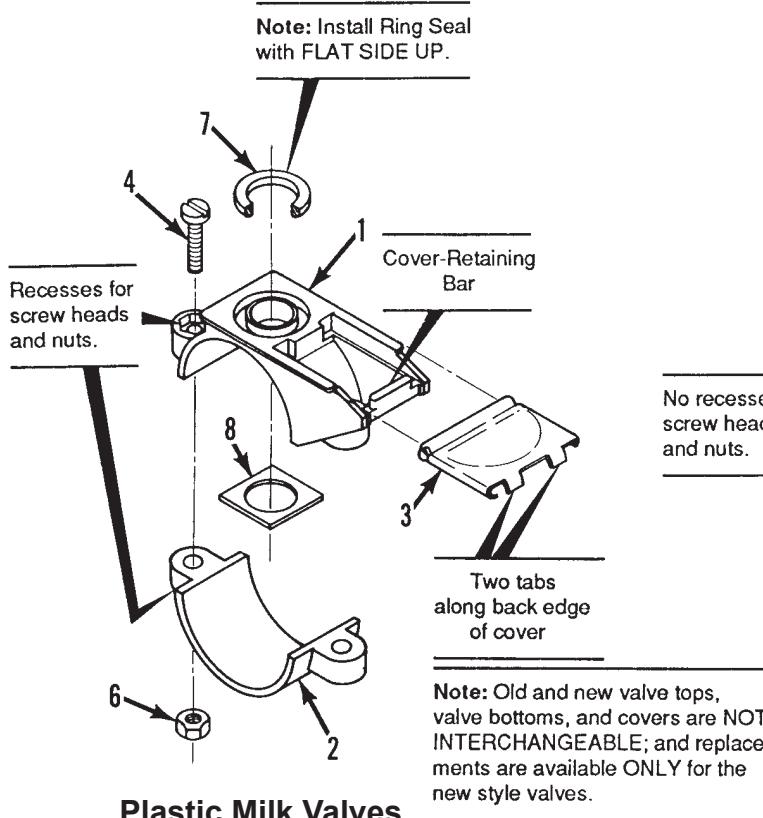
Threaded Nipple Assembly



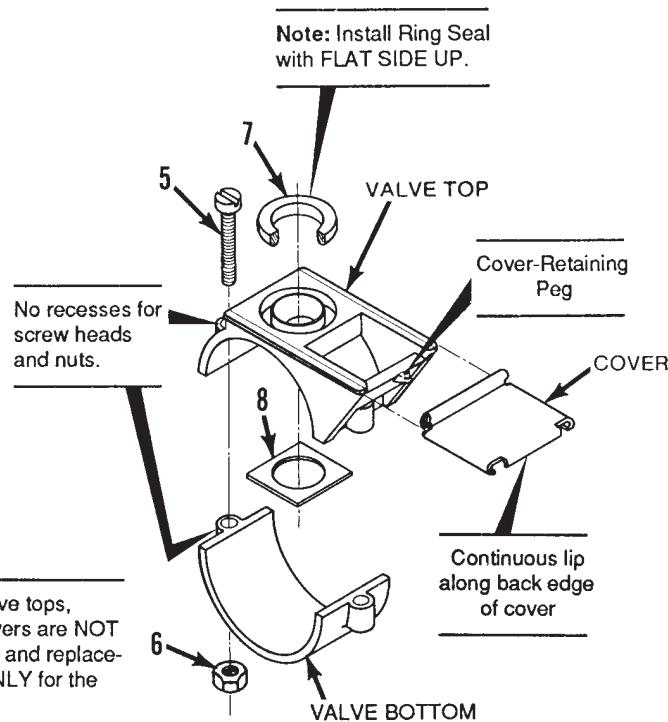
Note:

Note:
1. Replaced by 8508920.

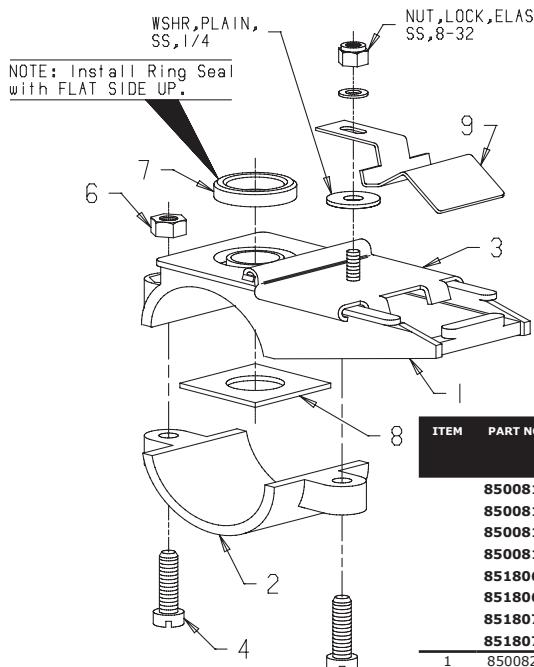
Plastic Milk Valves—new style



Plastic Milk Valves—old style



Plastic Milk Valves

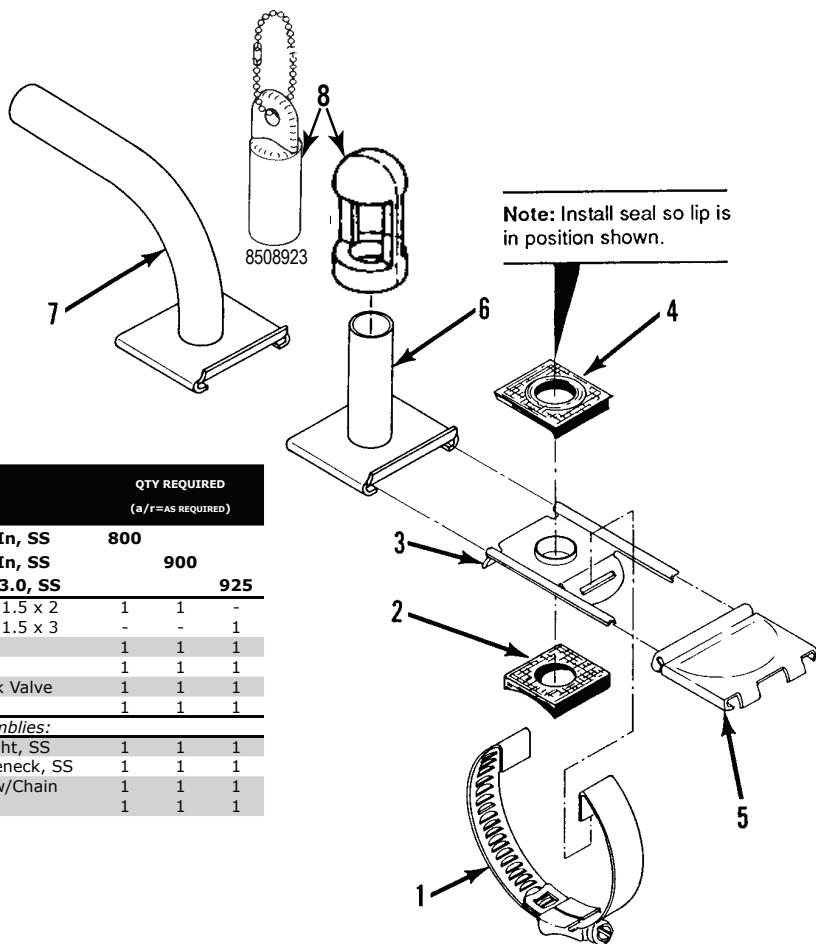


| ITEM | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | |
|---------|----------|-----------------------------|--|-----------------------------------|-----|-----|-----|---------------|-----|-----|-----|-----|
| | | | | 811 | 812 | 813 | 814 | all old style | | | | 068 |
| 8500811 | ⊗ | | Valve Assy, Milk, Plstc, 1.5 In | | | | | 1 | - | - | - | |
| 8500812 | ⊗ | | Valve Assy, Milk, Plstc, 2 In | | | | | | 1 | - | - | |
| 8500813 | ⊗ | | Valve Assy, Milk, Plstc, 2.5 In | | | | | | | 1 | - | |
| 8500814 | ⊗ | | Valve Assy, Milk, Plstc, 3 In | | | | | | | | 1 | |
| 8518068 | | | Valve Assy, Milk, Plstc, 1.5 In | | | | | | | | | 068 |
| 8518069 | | | Valve Assy, Milk, Plstc, 2 In | | | | | | | | | 069 |
| 8518070 | | | Valve Assy, Milk, Plstc, 2.5 In | | | | | | | | | 070 |
| 8518071 | | | Valve Assy, Milk, Plstc, 3 In | | | | | | | | | 071 |
| 1 | 8500826 | | Valve, Top, Plstc, 1.5 | 1 | - | - | - | - | 1 | - | - | - |
| | 8500822 | | Valve, Top, Plstc, 2.0 | - | 1 | - | - | - | - | 1 | - | - |
| | 8500827 | | Valve, Top, Plstc, 2.5 | - | - | 1 | - | - | - | - | 1 | - |
| | 8500829 | | Valve, Top, Plstc, 3.0 | - | - | - | 1 | - | - | - | - | 1 |
| 2 | 8500825 | | Nipple Bot, Plstc, 1.5 In | 1 | - | - | - | - | 1 | - | - | - |
| | 8500821 | | Nipple Bot, Plstc, 2 In | - | 1 | - | - | - | - | 1 | - | - |
| | 8500828 | | Nipple Bot, Plstc, 2.5 In | - | - | 1 | - | - | - | - | 1 | - |
| | 8500830 | | Nipple Bot, Plstc, 3 In | - | - | - | 1 | - | - | - | - | 1 |
| 3 | 8518061 | ⊗ | Cover, Milk Valve, SS | 1 | 1 | 1 | 1 | - | - | - | - | - |
| | 8518059 | | Cover Assy, w/Stud | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 4 | 8500831 | | MSCR, CHH, SS, M6-1.0 x 20mm | 2 | 2 | 2 | 2 | - | 2 | 2 | 2 | 2 |
| 5 | 8519890 | ⊗ | MSCR, CHH, SS, M6-1.0 x 30mm | - | - | - | - | 2 | - | - | - | - |
| 6 | 8519892 | | Nut, Hex, SS, M6-1.0mm | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 8500849 | | Seal, Valve | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 8500809 | | Gasket, Milk Valve | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 8519251 | | Spring, Detent, Milk-Valve-G | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 10 | 8518060 | n/s | Kit, Cover w/Spring, Milk valve (Includes Washers, Nut & Items 3 {8518059} & 9) | - | - | - | - | - | a/r | a/r | a/r | a/r |

SS Milk-Valve Assemblies

| ITEM | PART NO. | ⊗=OBSCRETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|--------------------------------------|----------------------|-----------------------------|---------------------------------|-----------------------------------|
| | 8500800 | ⊗ | Valve Assy, Milk, 1.5 In, SS | 800 |
| | 8500900 | ⊗ | Valve Assy, Milk, 2.0 In, SS | 900 |
| | 8500925 | ⊗ | Valve Assy, Milk, 1.5-3.0, SS | 925 |
| 1 | 8510200 | ⊗ | Clamp, SS, Valve Assy, 1.5 x 2 | 1 1 - |
| | 8510202 | | Clamp, SS, Valve Assy, 1.5 x 3 | - - 1 |
| 2 | 8500804 | | Gasket, Milk Valve, 5/8 | 1 1 1 |
| 3 | 8500901 | ⊗ | Base Assy, Milk-Valve | 1 1 1 |
| 4 | 8500802 | | Seal, Cover, Sliding Milk Valve | 1 1 1 |
| 5 | 8518061 | ⊗ | Cover, Milk Valve, SS | 1 1 1 |
| <i>Not supplied with assemblies:</i> | | | | |
| 6 | 8511607 | ⊗ | Nipple, Slide-On, Straight, SS | 1 1 1 |
| 7 | 8511608 | | Nipple, Slide-On, Gooseneck, SS | 1 1 1 |
| 8 | 8508923 ¹ | ⊗ | Protector, Nipple, Rbr, w/Chain | 1 1 1 |
| | 8508920 | | Cap, Rubber, Milk-Inlet | 1 1 1 |

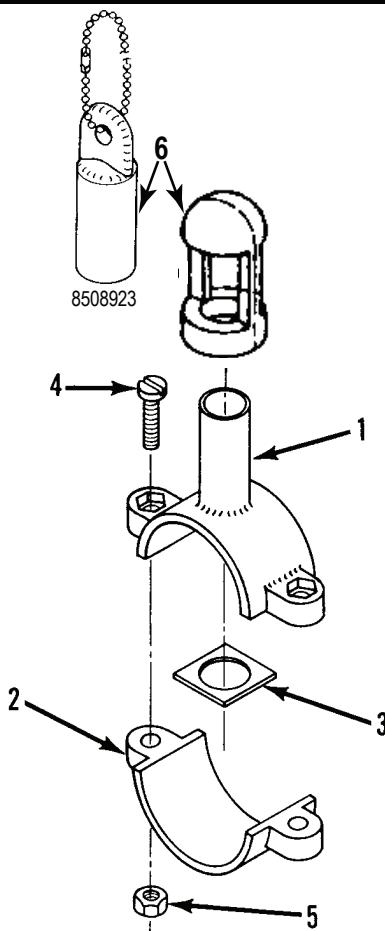
Note:
1. Replaced by 8508920.



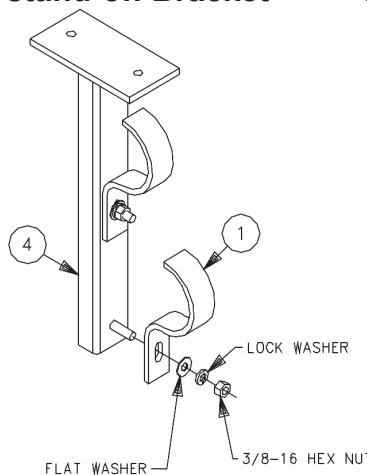
Plastic Milk Nipples

| ITEM | PART NO. | ⊗=OBSCRETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|---|-----------------------------------|
| | 8500823 | ⊗ | Nipple Assy, Str, Plastic, 1.5 In | 0823 |
| | 8500819 | shown | Nipple Assy, Str, Plastic, 2 In | 0819 |
| | 8500834 | ⊗ | Nipple Assy, Str, Plastic, 2.5 In | 0834 |
| | 8500835 | ⊗ | Nipple Assy, Str, Plastic, 3 In | 0835 |
| 1 | 8500824 | ⊗ | Nipple Top, Plstc, 5/8 ID, 1.5 In | 1 - - - |
| | 8500820 | | Nipple Top, Plstc, 5/8 ID, 2 In | - 1 - - |
| | 8500832 | ⊗ | Nipple Top, Plstc, 5/8 ID, 2.5 In | - - 1 - |
| | 8500833 | ⊗ | Nipple Top, Plstc, 5/8 ID, 3 In | - - - 1 |
| 2 | 8500825 | | Nipple Bot, Plstc, 1.5 In | 1 - - - |
| | 8500821 | | Nipple Bot, Plstc, 2 In | - 1 - - |
| | 8500828 | | Nipple Bot, Plstc, 2.5 In | - - 1 - |
| | 8500830 | | Nipple Bot, Plstc, 3 In | - - - 1 |
| 3 | 8500809 | | Gasket, Milk Valve | 1 1 1 1 |
| 4 | 8500831 | | MSCR, CHH, SS, M6-1.0 x 20mm | 2 2 2 2 |
| 5 | 8519892 | | Nut, Hex, SS, M6-1.0 mm | 2 2 2 2 |
| 6 | 8508923 ¹ | ⊗ | Protector, Nipple, Rbr, w/Chain (Not supplied with assemblies) | 1 1 1 1 |
| | 8508920 | | Cap, Rubber, Milk-Inlet | 1 1 1 1 |

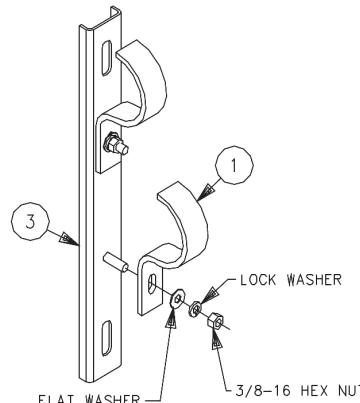
Note:
1. Replaced by 8508920.



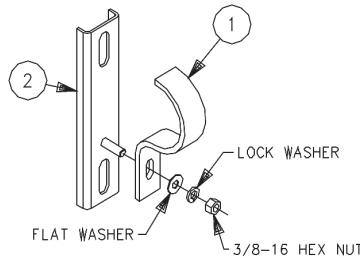
Vinyl-Coated stand-off Bracket



Vinyl-Coated Double-Bracket Assemblies

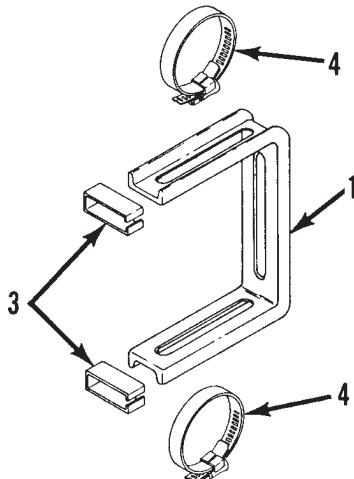


Vinyl-Coated Single-Bracket Assemblies

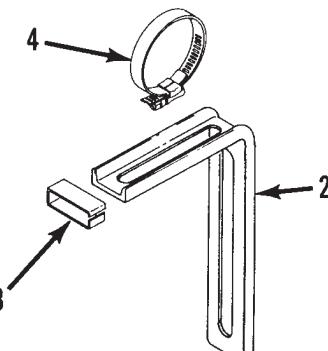


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|--------------------------------------|-----------------------------------|
| | 8500532 | Bracket Assy, Single, 2 In (shown) | 0532 |
| | 8500533 | Bracket Assy, Single, 2.5 In | 0533 |
| | 8500534 | Bracket Assy, Single, 3 In | 0534 |
| | 8500870 | Bracket Assy, Single, 4 In | 0870 |
| | 8500536 | Bracket Assy, Double, 2 In (shown) | 0536 |
| | 8500537 | Bracket Assy, Double, 2.5 In | 0537 |
| | 8500538 | Bracket Assy, Double, 3 In | 0538 |
| | 8500875 | Bracket Assy, Double, 4 In | 0875 |
| | 8501833 | Bracket Assy, Double, 3 In, Standoff | 8133 |
| 1 | 8500543 | Clamp, 2.0 In, Vinyl-Coated | 1 |
| | 8500544 | Clamp, 2.5 In, Vinyl-Coated | - |
| | 8500545 | Clamp, 3.0 In, Vinyl-Coated | 1 |
| | 8500867 | Clamp, 4.0 In, Vinyl-Coated | - |
| 2 | 8500546 | Bracket, Single, Vinyl-Coated | 1 |
| | 8500869 | Bracket, Single, Vinyl-Coated | 1 |
| 3 | 8600547 | Bracket, Double, Vinyl-Coated | - |
| | 8500876 | Bracket, Double, Vinyl-Coated | - |
| 4 | 8518131 | Bracket, Double 3", Vinyl-Coated | 1 |

Vinyl-Coated U-Bracket Assembly

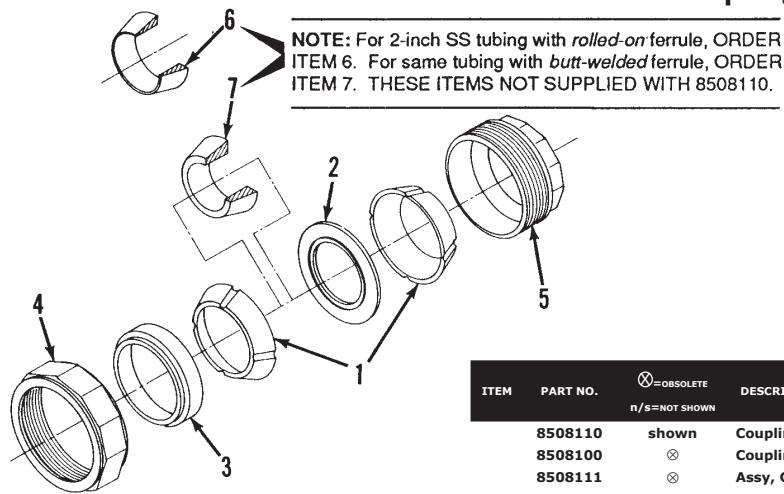


Vinyl-Coated L-Bracket Assembly

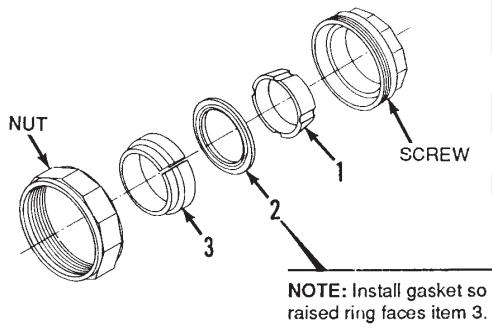


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|---------------------------------|-----------------------------------|
| | 8510210 | U-Bracket Assy | 0210 |
| | 8510211 | L-Bracket Assy | 0211 |
| 1 | 8510208 | Bracket, U, Vinyl-Coated | 1 |
| 2 | 8510209 | Bracket, L, Vinyl-Coated | 1 |
| 3 | 8510207 | Clip, Bracket, SS | 2 |
| 4 | 8510105 | Clamp, Hose, SS, #56, 2.13-4.00 | 2 |

Chrome Couplings

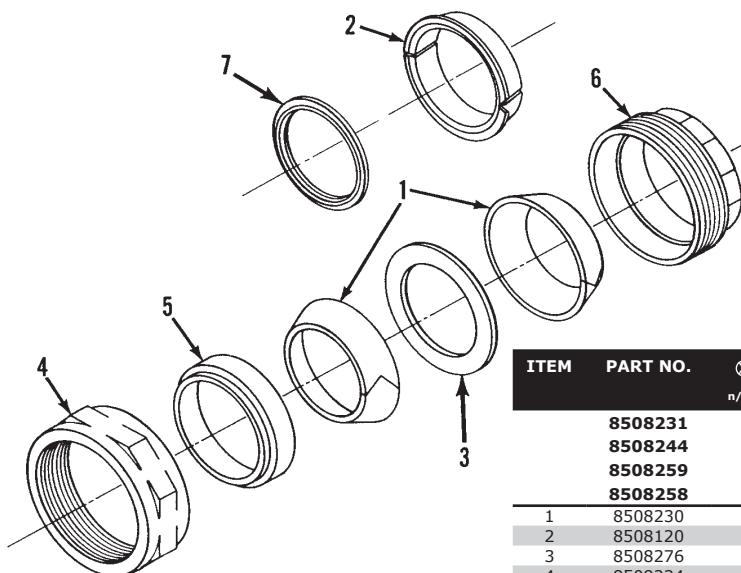


Chrome Reducer Coupling for 2 to 1.5 Inch Glass



| ITEM | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | |
|------|----------|-----------------------------|---------------------------------------|-----------------------------------|-----|-----|-----|
| | | | | 110 | 100 | 111 | 255 |
| | 8508110 | shown | Coupling, Assy, Crpl, 2.0 ", GL | 110 | | | |
| | 8508100 | ⊗ | Coupling, Crpl, 1.5", GL | | 100 | | |
| | 8508111 | ⊗ | Assy, Crpl, 2-to-1.5 GL | | | 111 | |
| | 8508255 | | Coupling, Assy, GL-TO-SS, 2.0" | | | | 255 |
| | 8509546 | | Coupling, Assy, 2.00, CRPL | | | | 546 |
| 1 | 8508218 | | Bushing, Coupling, 2.0" RBR | 2 | - | - | 2 |
| | 8509545 | | Bushing, Coupling, 2.0" PLSTC | - | - | - | 2 |
| | 8514904 | | Bushing, Coupling, 1.5 ", RBR | - | 2 | 1 | - |
| | 8508219 | | Gasket, Coupling, Rbr, 2.00 x 3.09 OD | 1 | - | - | 1 |
| 2 | 8514905 | | Gasket, Rbr, 1.50 ID x 2.59 OD | - | 1 | - | - |
| | 8508117 | ⊗ | Gasket, Rbr, 2.00 ID x 2.60 OD | - | - | 1 | - |
| | 8508214 | | Bushing, Coupling, Crpl | 1 | - | - | 1 |
| 3 | ----- | ⊗ | Bushing, Coupling, Crpl | - | 1 | - | - |
| | 8508116 | ⊗ | Bushing, Coupling, Plastic | - | - | 1 | - |
| 4 | 8508215 | | Nut, Coupling, 2", Crpl | 1 | - | - | 1 |
| | ----- | ⊗ | Nut, Coupling, Crpl, 1.5 In | - | 1 | - | - |
| 5 | 8508216 | | Coupling, EXT THD, 2.0", CRPL | 1 | - | - | 1 |
| 6 | 8508115 | | Screw, Coupling, Crpl, 1.5" | - | 1 | - | - |
| 7 | 8508114 | | Bushing, Coupling, 2.2 ", RBR | 1 | - | - | - |
| | | | Bushing, Coupling, 2 ", RBR | 1 | - | - | 1 |

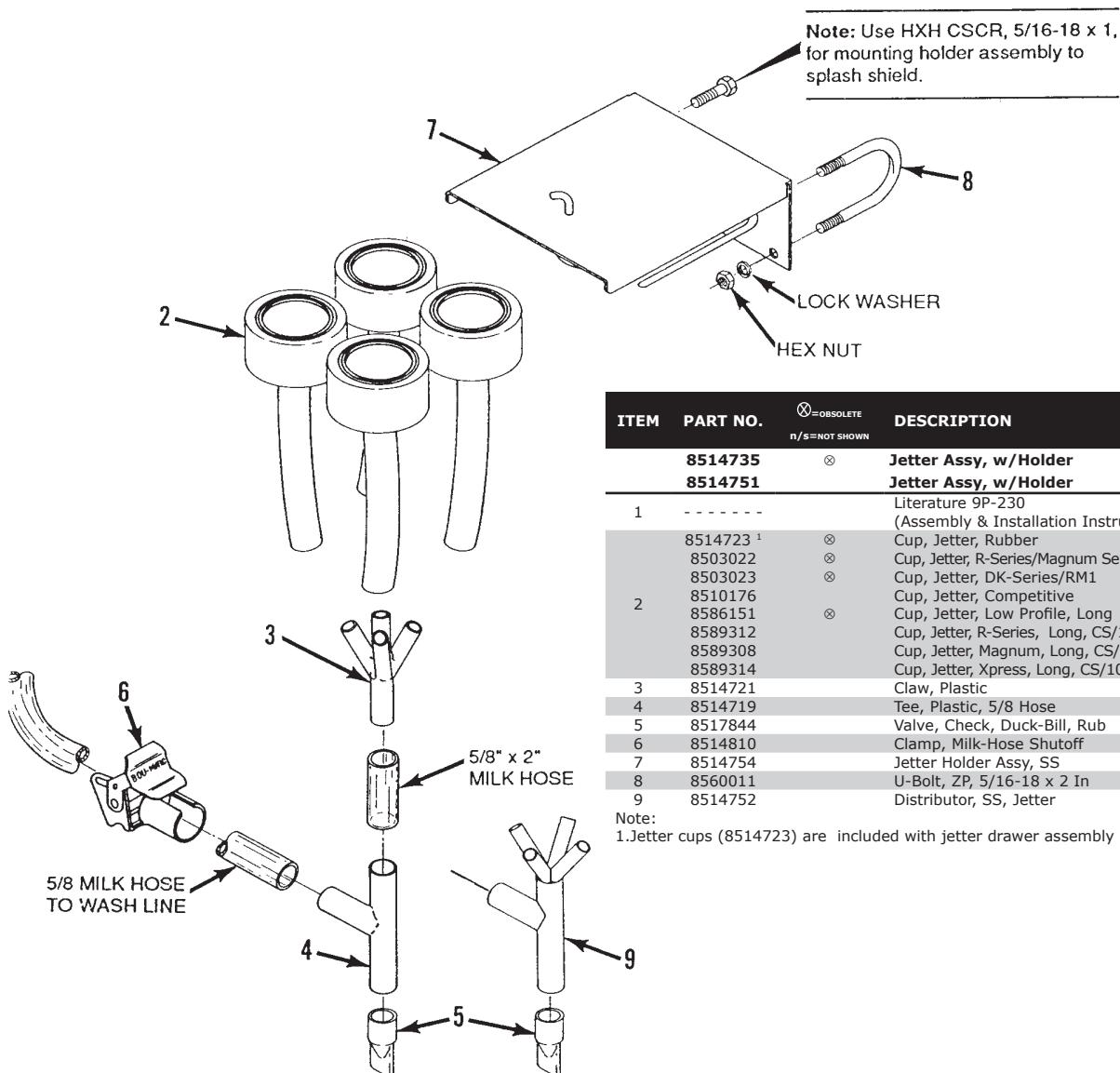
3-Inch Plastic Couplings



| ITEM | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | |
|------|----------|-----------------------------|---------------------------------|-----------------------------------|-----|-----|-----|
| | | | | 231 | 244 | 259 | 258 |
| | 8508231 | | Coupling, Assy, GL-to-GL, 3" | 231 | | | |
| | 8508244 | ⊗ | Coupling, Assy, GL-to-SS, 3" | | 244 | | |
| | 8508259 | | Coupling, Assy, GL-to-Plstc, 3" | | | 259 | |
| | 8508258 | ⊗ | Coupling, Assy, SS-to-SS, 3" | | | | 258 |
| 1 | 8508230 | | Gasket, Tapered, 3 In | 2 | 1 | 1 | - |
| 2 | 8508120 | | Bushing, Coupling, 3 In | - | 1 | 1 | 2 |
| 3 | 8508276 | | Gasket, Rbr, 3.03 ID x 4.343 OD | 1 | 1 | 1 | - |
| 4 | 8508234 | | Nut, Coupling, 3 In | 1 | 1 | 1 | 1 |
| 5 | 8508236 | | Bushing, Coupling, Plastic | 1 | 1 | 1 | 1 |
| 6 | 8508235 | | Screw, Coupling, 3 In | 1 | 1 | 1 | 1 |
| 7 | 8513767 | | Gasket, Flanged, 3 In Hycar | - | - | - | 1 |

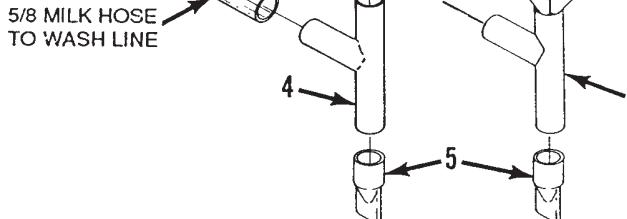
Jetter Assembly

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 51 |
| EFFECTIVE: 9/25/11 | |

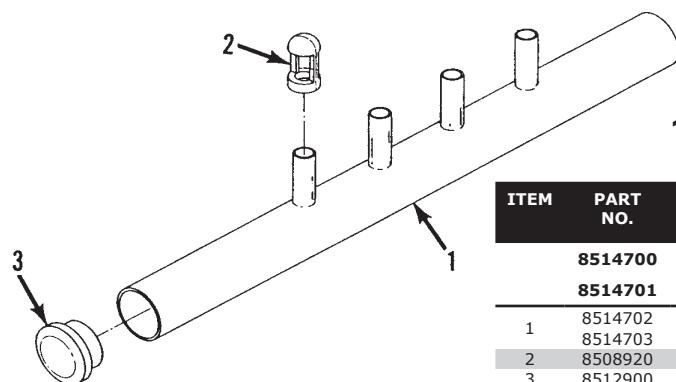


| ITEM | PART NO. | ⊗ n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|--------------------|---|-----------------------------------|
| | 8514735 | ⊗ | Jetter Assy, w/Holder | 4735 |
| | 8514751 | | Jetter Assy, w/Holder | 4751 |
| 1 | - - - - - | | Literature 9P-230 (Assembly & Installation Instructions) | ref ref |
| 2 | 8514723 ¹ | ⊗ | Cup, Jetter, Rubber | 4 4 |
| | 8503022 | ⊗ | Cup, Jetter, R-Series/Magnum Series | 4 4 |
| | 8503023 | ⊗ | Cup, Jetter, DK-Series/RM1 | 4 4 |
| | 8510176 | | Cup, Jetter, Competitive | 4 4 |
| | 8586151 | ⊗ | Cup, Jetter, Low Profile, Long | 4 4 |
| | 8589312 | | Cup, Jetter, R-Series, Long, CS/100 | 4 4 |
| | 8589308 | | Cup, Jetter, Magnum, Long, CS/100 | 4 4 |
| | 8589314 | | Cup, Jetter, Xpress, Long, CS/100 | 4 4 |
| 3 | 8514721 | | Claw, Plastic | 1 - |
| 4 | 8514719 | | Tee, Plastic, 5/8 Hose | 1 - |
| 5 | 8517844 | | Valve, Check, Duck-Bill, Rub | 1 1 |
| 6 | 8514810 | | Clamp, Milk-Hose Shutoff | 1 - |
| 7 | 8514754 | | Jetter Holder Assy, SS | 1 1 |
| 8 | 8560011 | | U-Bolt, ZP, 5/16-18 x 2 In | 2 2 |
| 9 | 8514752 | | Distributor, SS, Jetter | - 1 |

Note:
1. Jetter cups (8514723) are included with jetter drawer assembly (8514751).

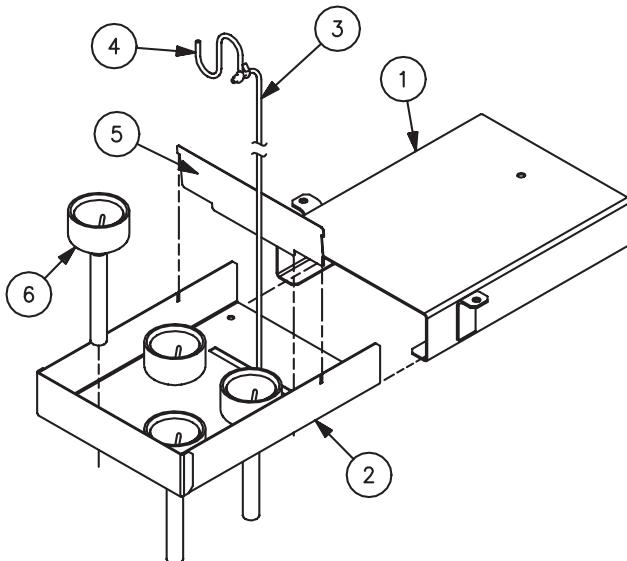


1-1/2 Inch Manifold Assemblies



| ITEM | PART NO. | ⊗ n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|--------------------|---|-----------------------------------|
| | 8514700 | ⊗ | Manifold Assy, 4-Nip, 1-1/2" | 4700 |
| | 8514701 | ⊗ | Manifold Assy, 6-Nip, 1-1/2" | 4701 |
| 1 | 8514702 | ⊗ | Manifold, Wash, 4-Nip, 1-1/2 In (shown) | 1 - |
| | 8514703 | ⊗ | Manifold, Wash, 6-Nip, 1-1/2 In | - 1 |
| 2 | 8508920 | | Cap, Rubber, Milk-Inlet | 4 6 |
| 3 | 8512900 | ⊗ | Plug, Int, Rbr, Manifold | 1 1 |

Jetter Drawer Assembly SS

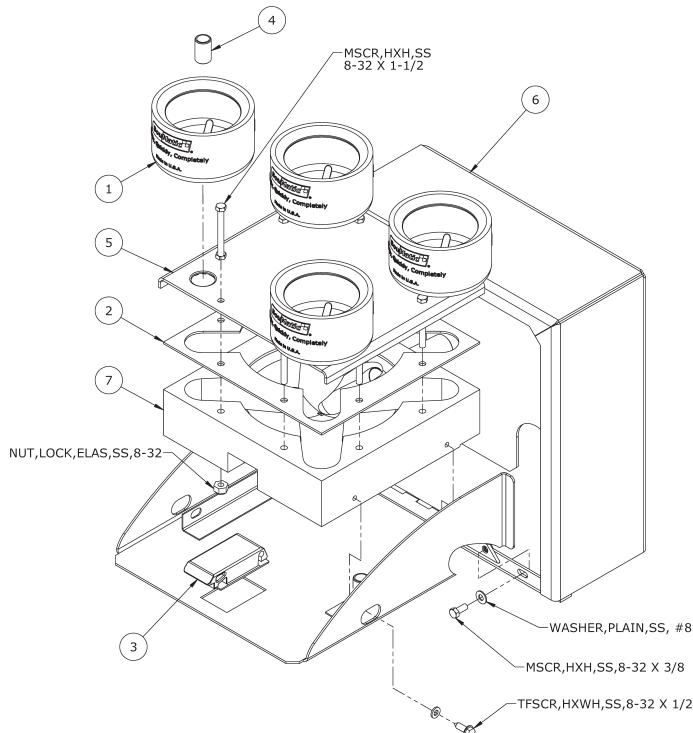


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------------|--|----------------------------|
| | 8502881 | Drawer Assy, SS Jetter | 2881 |
| 1 | 8502503 | Bracket Assy, Jetter Holder | 1 |
| 2 | 8503044 | Drawer, Assy, Jetter | 1 |
| 3 | 8560742 | Cord, Braided Nylon, 3/16 Dia | a/r |
| 4 | 8502880 | Hook, S, W/ eyelet | 1 |
| 5 | 8502501 | Plate, Back, Jetter Holder | 1 |
| 6 | 8503022 ¹ | Cup, Jetter, R-Series/Magnum Series | 4 |
| | 8503023 ¹ | Cup, Jetter, DK-Series/RM1 | 4 |
| | 8510176 ¹ | Cup, Jetter, Competitive | 4 |
| | 8586151 ¹ | Cup, Jetter, Low Profile, Long | 4 |
| | 8589312 | Cup, Jetter, R-Series, Long, CS/100 | 4 |
| | 8589308 | Cup, Jetter, Magnum, Long, CS/100 | 4 |
| | 8589314 | Cup, Jetter, Xpresser, Long, CS/100 | 4 |
| 7 | ----- | Literature, 9ES-818 (Installation & Operation Instructions) | a/r |

Note:

1.Jetter cups not included with jetter drawer assembly (8502881).

Under Curb Jetter Assembly



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|---|-----------------------------------|
| | 8509935 | Jetter Assy, Under Curb | 9935 |
| 1 | 8503691 ¹ | Cup, Jetter, Short, R-Series/Mag. Series | 4 |
| | 8503692 | Cup, Jetter, Short, DK-Series/RM1 | 4 |
| | 8510177 | Cup, Jetter, Short, Competitive | 4 |
| | 8586152 | Cup, Jetter, Low Profile, Short | 4 |
| | 8589313 | Cup, Jetter, R-Series, Short, CS/100 | 4 |
| | 8589315 | Cup, Jetter, Xpress, Short, CS/100 | 4 |
| | 8589309 | Cup, Jetter, Magnum, Short, CS/100 | 4 |
| 2 | 8502896 | Gasket, Jetter | 1 |
| 3 | 8502966 | Latch, Sliding | 1 |
| 4 | 8513215 | Tube, .44 x .049 x .88, SS | 4 |
| 5 | 8502898 | Cover, Jetter | 1 |
| 6 | 8509934 | Wrapper Assy, Jetter | 1 |
| 7 | 8502895 | Distributor, Jetter | 1 |
| 8 | ----- | Literature, 9E-798 (Installation & Operation Instructions) | a/r |

Note:

1.Jetter cups (8503691) are included with jetter drawer assembly (8509935).

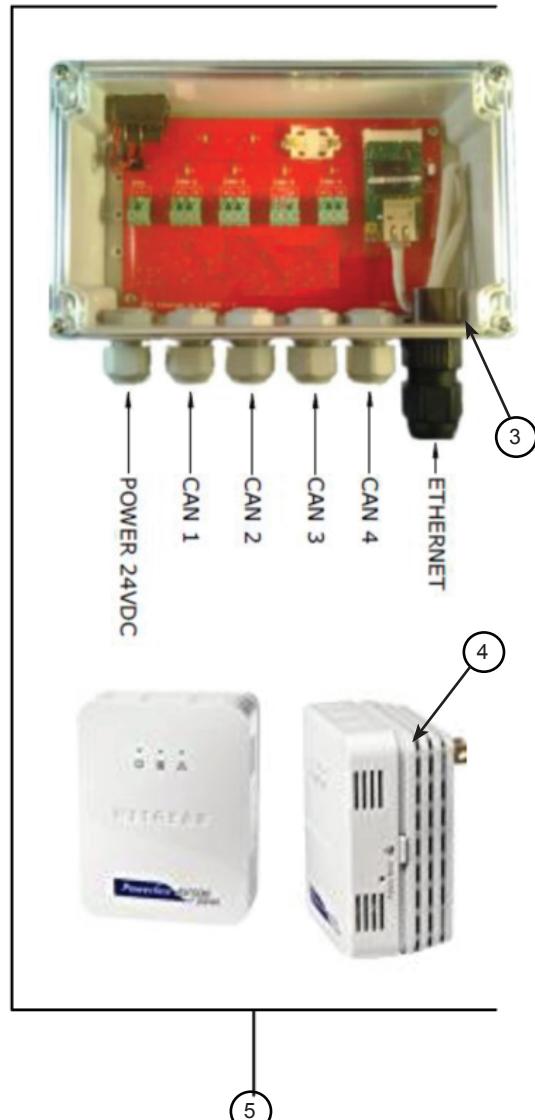
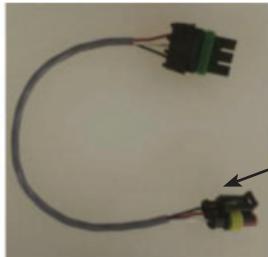
Pulse MD

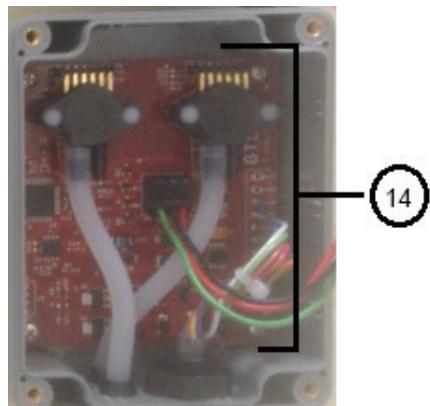
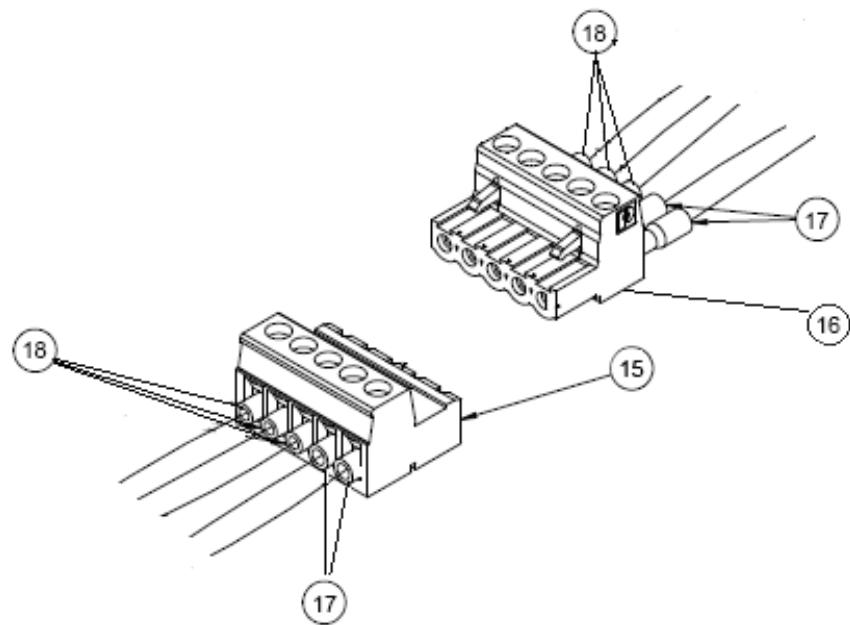
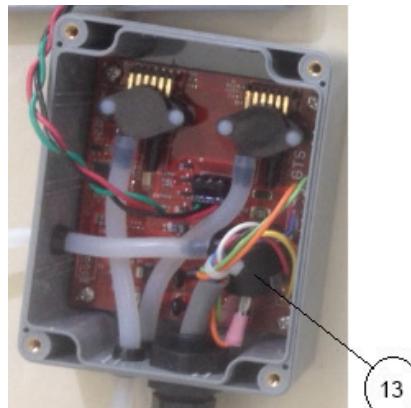
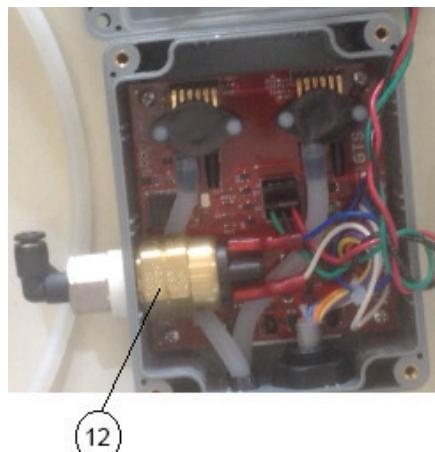
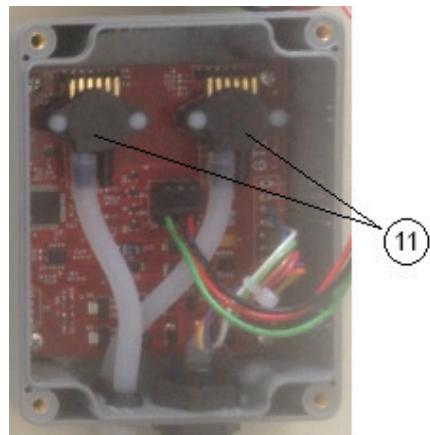
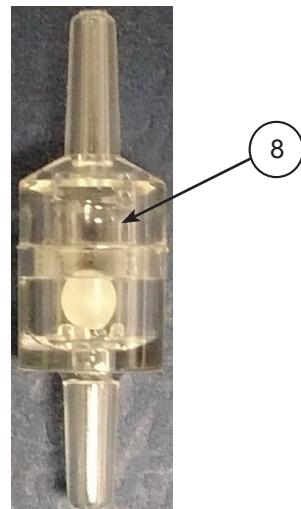
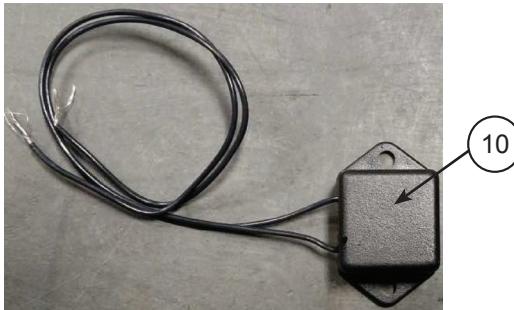
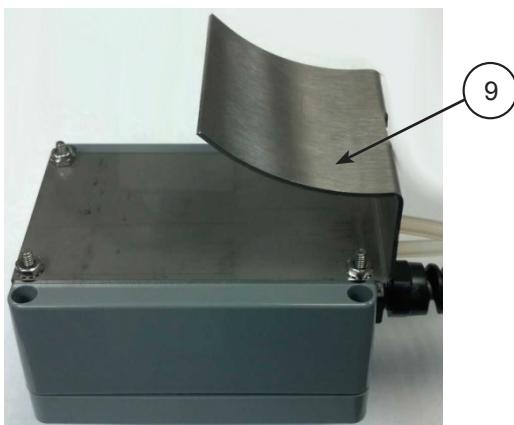
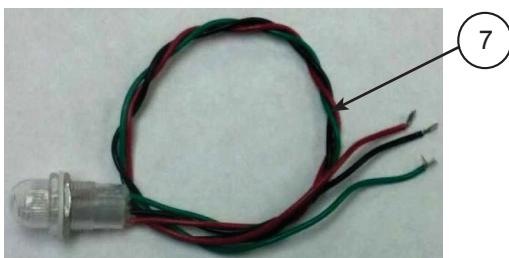
| | |
|-----------------------|-------------------|
| SECTION C | PAGE 53 |
| EFFECTIVE: 8/14/23 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|--------------------------------|----------------------|-----------------------------|--|---------------------------|
| Individual Pulse MD Components | | | | |
| 1 | 3562477 | ⊗ | PULSE MD PIGTAIL 105.2 TO WP | a/r |
| 2 | 3562512 | | TEE, PLASTIC, PULSE MD | a/r |
| 3 | 8591425 | | ETHERNET-CAN (4 CAN NETWORKS) | a/r |
| 4 | 8592339 | | ADAPTER POWERLINE AV500 | a/r |
| 5 | 8591915 ¹ | | ETHERNET OVER POWER LINE,PMD | a/r |
| | 3562712 | | PULSE MD KIT, 24VDC | a/r |
| 6 | 3562811 | ⊗ | PULSE MD KIT, AIR ACTIVATED | a/r |
| | 3562812 | ⊗ | PULSE MD KIT, VAC ACTIVATED | a/r |
| 7 | 3562509 | | PULSE MD LIGHT ASSY,RED/GRN | a/r |
| 8 | 3562511 | | PULSE MD FLOAT CHECK VALVE | a/r |
| 9 | 3562471 | | PULSE MD SS MOUNT BRACKET | a/r |
| 10 | 3562475 | | TERM, PULSE MD, NTWRK | a/r |
| 11 | 3562510 | | PULSE MD TRANSDUCER | a/r |
| 12 | 3562809 | | SWITCH, PRESSURE, PULSE MD AIR | a/r |
| 13 | 3562810 | | SWITCH, VACUUM, PULSE MD VAC | a/r |
| 14 | 3562837 | ⊗ | BOARD, PULSE MD (Use 3562712-PULSE MD Kit for replacement.) | a/r |
| 15 | 1917689 | | CONNECTOR,TERM BLK,5-POS,.2",F | a/r |
| 16 | 1917688 | | CONNECTOR,TERM BLK,5-POS,.2",M | a/r |
| 17 | 1916625 | | CONNECTOR,PIN,FERRULE,16 GA | a/r |
| 18 | 1916626 | | CONNECTOR,PIN,FERRULE,18 GA | a/r |
| | 3562525 | ⊗ | CABLE ASSY,PULSE MD,12ST,30X12 | a/r |
| | 3562526 | | CABLE ASSY,PULSE MD,12ST,30X36 | a/r |
| | 3562527 | | CABLE ASSY,PULSE MD,12ST,44X12 | a/r |
| | 3562528 | | CABLE ASSY,PULSE MD,12ST,44X36 | a/r |
| 19 | 3562790 | | CABLE ASSY,PULSE MD,6ST,30X12 | a/r |
| | 3562791 | | CABLE ASSY,PULSE MD,6ST,30X36 | a/r |
| | 3562792 | | CABLE ASSY,PULSE MD,6ST,44X12 | a/r |
| | 3562793 | | CABLE ASSY,PULSE MD,6ST,44X36 | a/r |
| | 1917689 | | CABLE ASSY, PARLOR END, 5-POS, F NS | a/r |
| | 1917688 | | CABLE ASSY, PARLOR END, 5-POS, M NS | a/r |
| 20 | 8591426 | | USB-CAN(1 CAN NETWORK) | a/r |
| 21 | 1916815 | | CONNECTOR,PLUG,RA, 3P X 5MM | a/r |

Note:

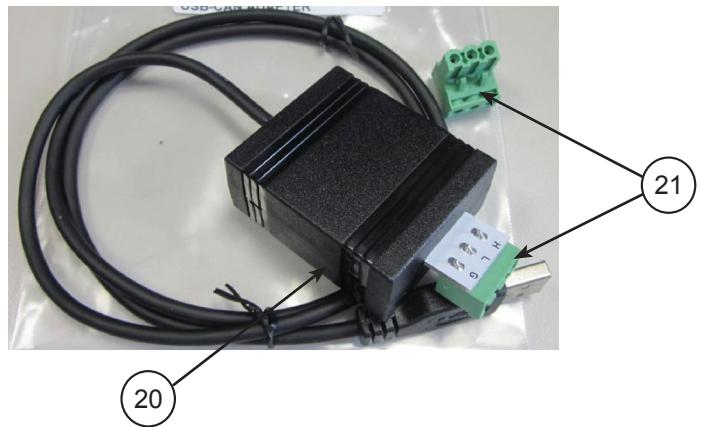
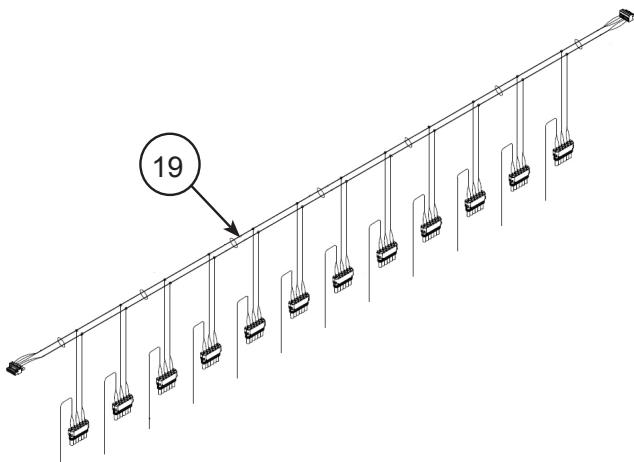
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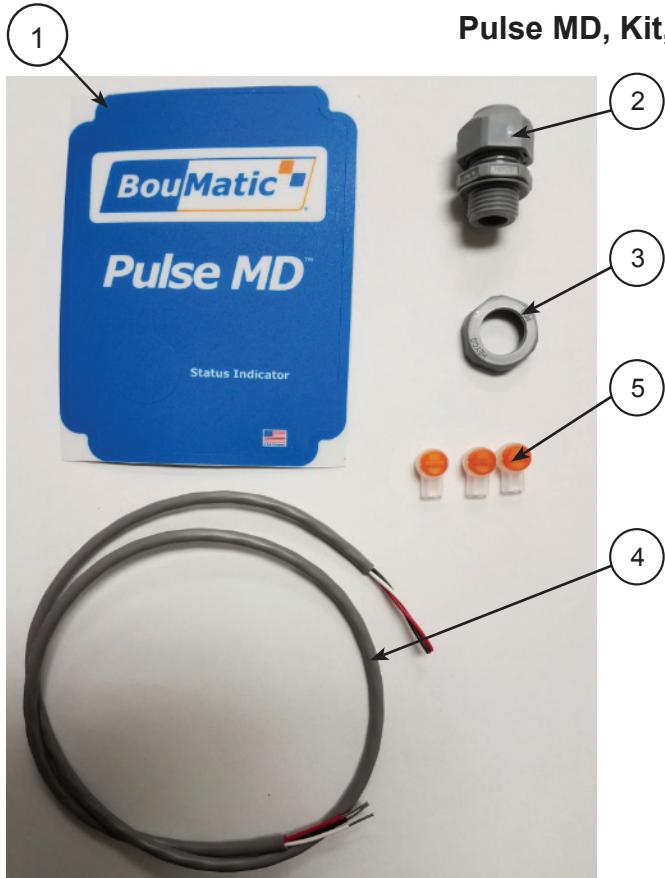
Pulse MD, Cont.

Pulse MD, Cont.

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 55 |
| EFFECTIVE: 12/3/20 | |

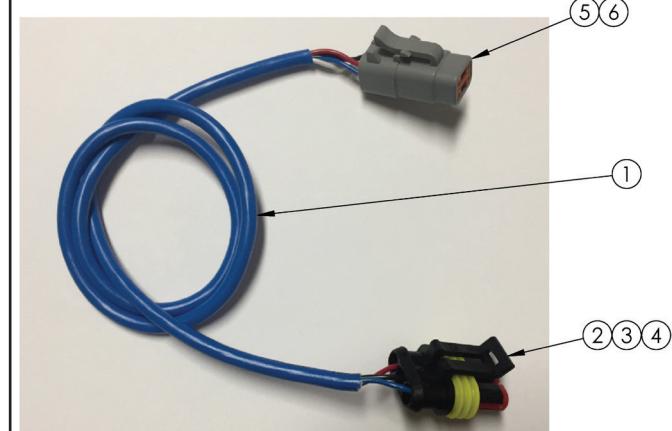


Pulse MD, Kit, Remote Lamp



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------|----------------------------------|----------------------------|
| - | 3562714 | Pulse MD, Remote Lamp Kit | - |
| 1 | 3562715 | Pulse MD, Label | 2 |
| 2 | 1917502 | Conn, Str-Rl. .19-.30, PG9 | 1 |
| 3 | 1917561 | Conn, Dome, Nut, PG9 | 1 |
| 4 | 3562716 | Cable Assy, 3-con, 22GA, 24" | a/r |
| 5 | 3562717 | Pulse MD, Conn, Butt, 18-29 AWG | 3 |

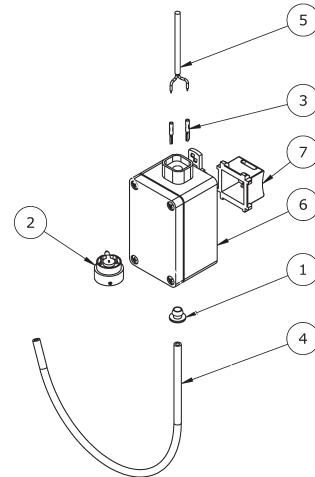
Pulse MD Loom Pulsation Wire



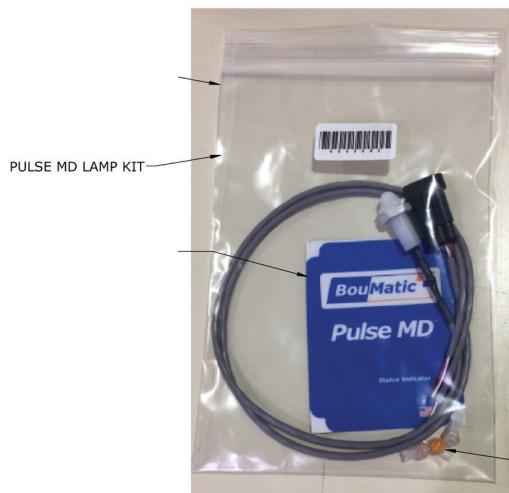
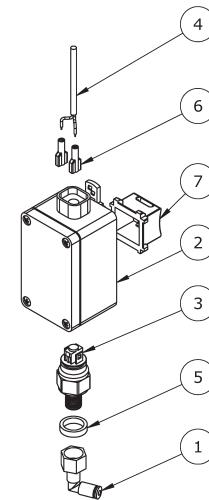
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------|------------------------------------|----------------------------|
| - | 3563872 | Pulsation Wire for PMD Loom | - |
| 1 | 4100017 | 4 Wire 20AWG 19X32 Tin | 2 |
| 2 | 2700063 | Single Wire Seal | 3 |
| 3 | 2700062 | S-Seal SKT22-20BR/SN Reel 400 | 3 |
| 4 | 2700061 | HSG PLG 1X03C F/H | 1 |
| 5 | 2700021 | Socket, #20,Mach,Nick,20-22AWG | 4 |
| 6 | 2700017 | Automotive Connectors Plug | 1 |

Pulse MD with Display

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|---------------------------------|----------------------------|
| - | 3563399 | VACUUM SWITCH, MILK SIGNAL,PM | 3399 |
| 1 | 3200012 | QUICK FIT GROMMET RUBBER .250" | 1 |
| 2 | 3562810 | SWITCH,VACUUM,PULSE MD VAC | 1 |
| 3 | 3563429 | FEMALE DISCONNECT, 22-16 AWG | 2 |
| 4 | 3556371 | HOSE,SIL.,.250 OD X.125 IDX.06W | 1 |
| 5 | 4100015 | 22AWG 2C UNSHLD 1000FT | 2 |
| 6 | 3563397 | ASSY,ENCLOSURE,SWITCH,PM | 1 |
| 7 | 8592061 | BLUE DIN BRACKET | 1 |



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|--------------------------------|----------------------------|
| - | 3563398 | AIR SWITCH, MILK SIGNAL,PM | 3398 |
| 1 | 5200000 | 5/32 x 14 SWIVEL FEMALE ELBOW | 1 |
| 2 | 3563397 | ASSY,ENCLOSURE,SWITCH,PM | 1 |
| 3 | 3562809 | SWITCH, PRESSURE, PULSE MD AIR | 1 |
| 4 | 4100015 | 22AWG 2C UNSHLD 1000FT | 2 |
| 5 | 3563043 | SPACER,RD, PVC .50x.30 | 1 |
| 6 | 2700045 | FEMALE DISCONNECT,RED | 2 |
| 7 | 8592061 | BLUE DIN BRACKET | 1 |

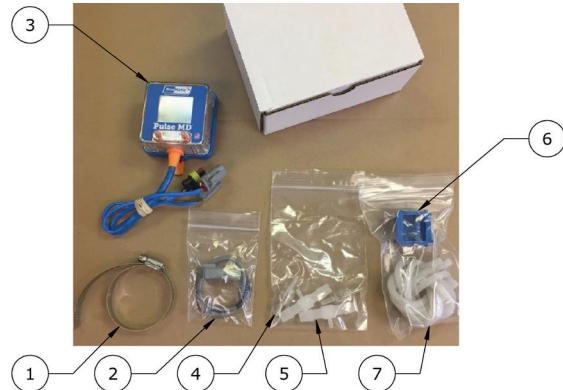


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|-------------------|----------------------------|
| - | 8592592 | PULSE MD LAMP KIT | a/r |

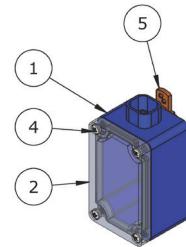
Pulse MD with Display

| | |
|-----------------------|-------------------|
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| EFFECTIVE: 5/18/21 | |

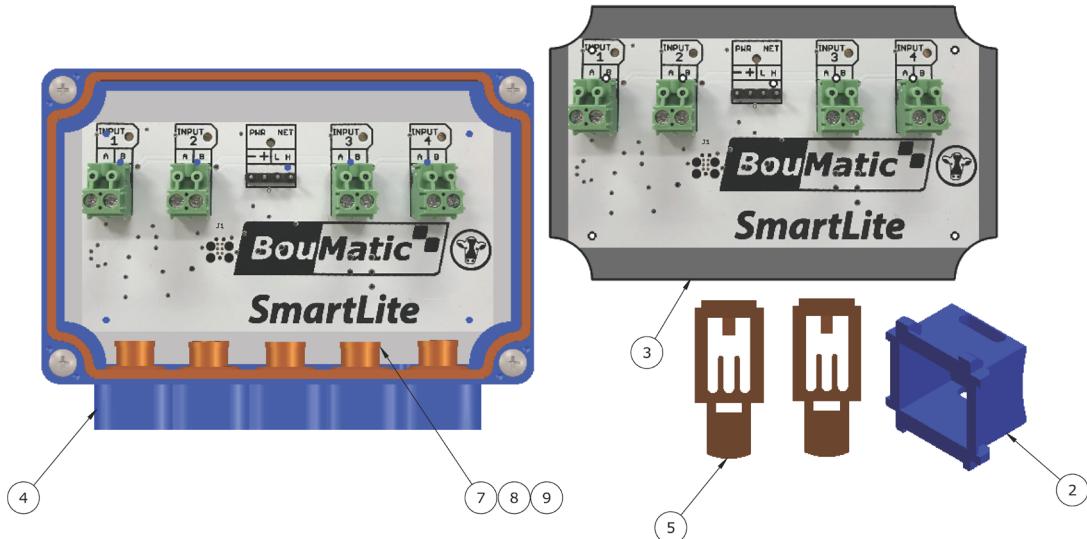
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------|--------------------------------|----------------------------|
| - | 8592593 | PULSE MD, LCD, KIT | 2593 |
| 1 | 8510105 | CLAMP,HOSE,SS,#56,2.13-4.00 | 1 |
| 2 | 8592594 | FEMALE MILKING DECT PIG TAIL | 1 |
| 3 | 8592063 | PULSE MD MNTR, LCD | 1 |
| 4 | 3562512 | PLASTIC TEE,3/8 X 1/8 | 2 |
| 5 | 3562511 | PULSE MD FLOAT CHECK VALVE | 2 |
| 6 | 8592061 | BLUE DIN BRACKET | 1 |
| 7 | 3556371 | HOSE,SIL.,250 OD X.125 IDX.06W | 4 |
| 8 | 8595895 | n/s MOUNT ASSY,ROTARY,PMID | a/r |



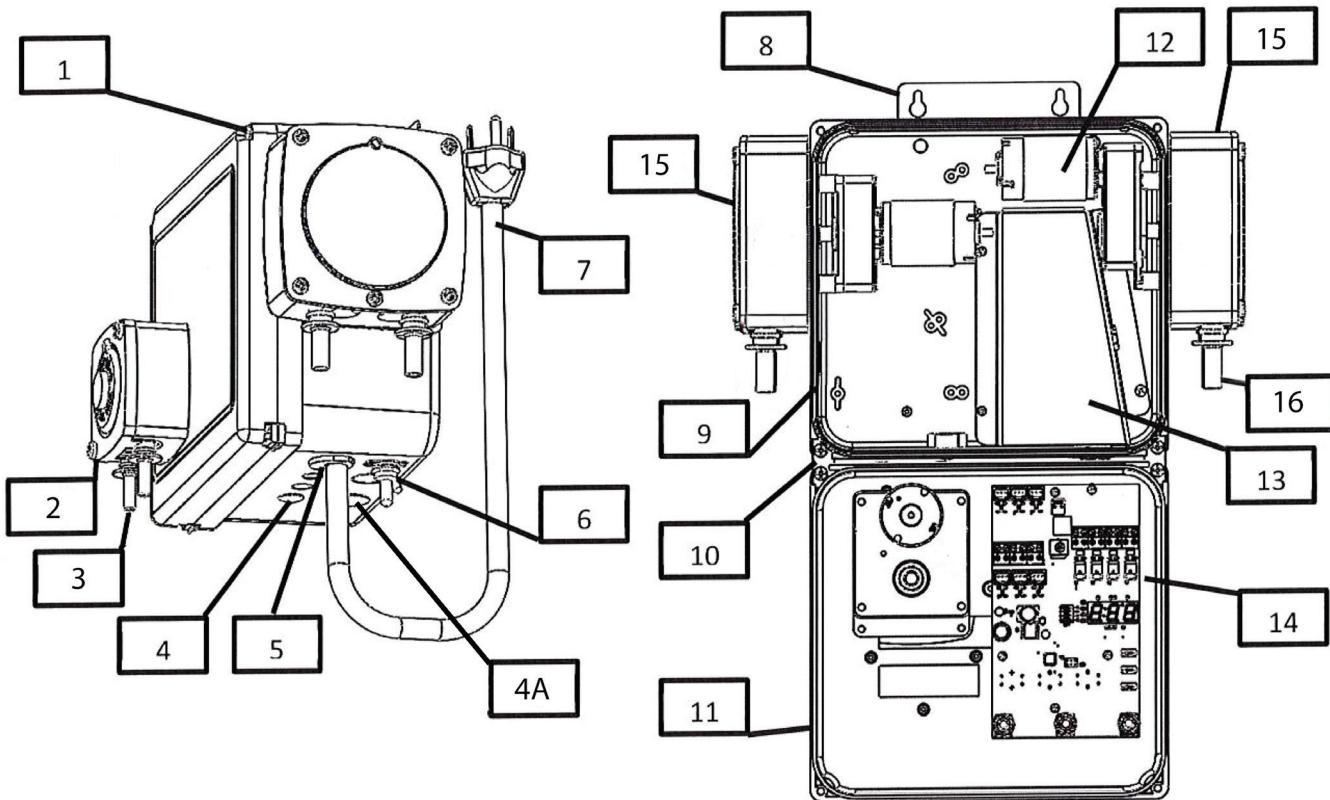
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------|-----------------------------------|----------------------------|
| - | 3563397 | ASSY,ENCLOSURE,SWITCH,PMID | 3397 |
| 1 | 3563396 | BASE,ENCLOSURE,SWITCH,PMID | 1 |
| 2 | 8592956 | COVER,AIR,VAC SWITCH | 1 |
| 3 | 6100017 | PMID ENCLOSURE GASKET | 0.25 |
| 4 | 3100005 | M4 X 12MM RND HEAD SS 18-8 | 4 |
| 5 | 8591393 | CLICKIN PUSHOUT PLUG, 5MM | 1 |
| 6 | 8591408 | ENCLOSURE DIN CLIP | 1 |



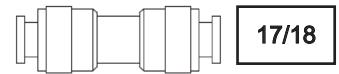
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------|------------------------------|----------------------------|
| - | 8591563 | I4 BOX ASSEMBLY | 1563 |
| 2 | 8592061 | BLUE DIN BRACKET | 2 |
| 3 | 8591567 | I4 ELECTRONIC BOARD + CNCTRS | 1 |
| 4 | 8591566 | I4 ENCLOSURE | 1 |
| 5 | 8591408 | ENCLOSURE DIN CLIP | 2 |
| 6 | 3562836 | HARNESS,NET POWER,SMARTLITE | 1 |
| 7 | 8591394 | CLICKIN PUSHOUT PLUG, 6MM | 2 |
| 8 | 8591393 | CLICKIN PUSHOUT PLUG, 5MM | 2 |
| 9 | 8591396 | CLICKIN PUSHOUT PLUG, BLIND | 3 |



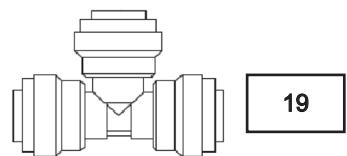
CDS Pump



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) | | |
|------|----------|---|----------------------------|---|---|
| | | | a | r | |
| - | 8592924 | CDS PUMP, Concentrate | 2924 | | |
| - | 8592923 | CDS PUMP, CIP/LAUNDRY | 2923 | | |
| - | 8592922 | CDS PUMP, 2 PART RTU SYSTEM | 2922 | | |
| 1 | 8592921 | CDS PUMP, DOOR FASTENERS | 2 | 2 | 2 |
| 2 | 8592920 | CDS SMALL PUMP KIT (pump head, face plate, roller block, gasket, screws) | 1 | 1 | 0 |
| 3 | 8593163 | CDS,KIT HOSE,S/PUMP,SANTOPRENE | 1 | 1 | 0 |
| 4 | 8592916 | CDS PUMP, 1/2 IN HOLE PLUG | 5 | 5 | 5 |
| 4A | 8592915 | CDS PUMP, 7/8 IN HOLE PLUG | 1 | 1 | 1 |
| 5 | 8592914 | CDS PUMP, PWR CORD RELIEF | 1 | 1 | 1 |
| 6 | 8592913 | CDS PUMP, POWER SWITCH KIT | 1 | 1 | 1 |
| 7 | 8592912 | CDS PUMP, POWER CORD | 1 | 1 | 1 |
| 8 | 8592911 | CDS PUMP, MNTING BRKT KIT | 1 | 1 | 1 |
| 9 | 8592910 | CDS PUMP, ENCLOSURE | 1 | 1 | 1 |
| 10 | 8592909 | CDS PUMP, HINGE KIT | 1 | 1 | 1 |
| 11 | 8592908 | CDS PUMP, ENCLOSURE DOOR | 1 | 1 | 1 |
| 12 | 8592907 | n/s CDS 60 RPM PUMP MOTOR (see label on Motor) | 2 | 1 | 2 |
| 12 | 8592906 | n/s CDS 105 RPM PUMP MOTOR (see label on Motor) | 0 | 2 | 0 |
| 12 | 8592905 | n/s CDS 15 RPM PUMP MOTOR (small pump) | 1 | 0 | 0 |
| 13 | 8592904 | CDS PUMP, POWER SUPPLY KIT | 1 | 1 | 1 |
| 14 | 8592903 | CDS PUMP, CONTROL BOARD KIT | 1 | 1 | 1 |
| 15 | 8592918 | CDS LARGE PUMP KIT (pump head, face plate, roller block, gasket, screws) | 2 | 2 | 2 |
| 16 | 8593162 | CDS,KIT HOSE,L/PUMP,SANTOPRENE | 2 | 2 | 2 |
| 17 | 8593161 | CDS,QUICK CONNECT,3/8 X 3/8 | - | - | - |
| 18 | 8593160 | CDS,QUICK CONNECT,3/8 X 1/4 | - | - | - |
| 19 | 8593159 | CDS,QUICK CONNECT,TEE,3/8 | - | - | - |



17/18



19

Knight Peristaltic Pumps

| | |
|-----------------------|-------------------|
| SECTION C | PAGE 59 |
| EFFECTIVE: 6/22/23 | |



40-223 oz/min capacity



397 oz/min capacity

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) | | |
|------|----------------|-----------------------------|---|----------------------------|------|------|
| | | | | 0334 | 0336 | 7342 |
| - | 5100334 | | PUMP,PRSTLC,W/LMT TMR,PMP8120B, 40oz Cap. | | | |
| - | 5100336 | | PUMP,PRSTLC,W/LMT TMR,PMP9270, 223oz Cap. | | | |
| - | 8597342 | | PUMP,PMPE-770V1.5,EPDM,110V, 397oz Cap. | | | |
| 1 | 5100335 | | TUBE,SQUEEZE,14",T-66E | 2 | - | - |
| 2 | 5100337 | | TUBE,SQUEEZE,20",T-86E | - | 2 | - |
| 3 | 5100930 | ⊗ | PUMP,REPLACEMENT,KNIGHT FOAMER | 1 | 1 | - |

Detachers

— Contents —

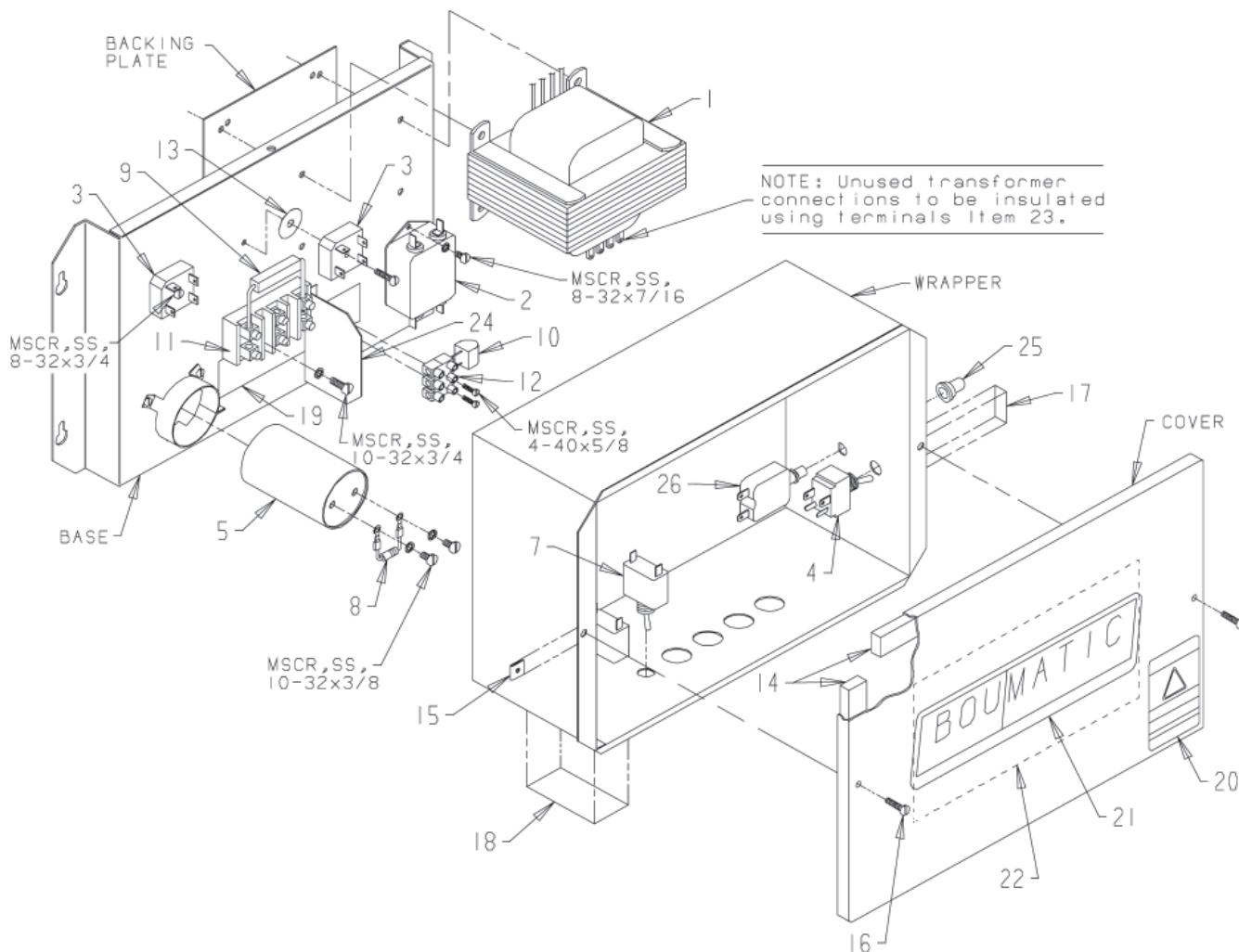
| Description | Page |
|--|---------|
| Adapter Assy, 3800..... | 46 |
| Air Actuator Assembly, Shutoff | 142 |
| AMI 5450/5550 | |
| Control Assembly..... | 62 |
| Detacher Assembly..... | 63 |
| Flow Sensor..... | 62 |
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12 Unit Power Supply Assembly Older & Newer Versions

(Newer Version Shown)

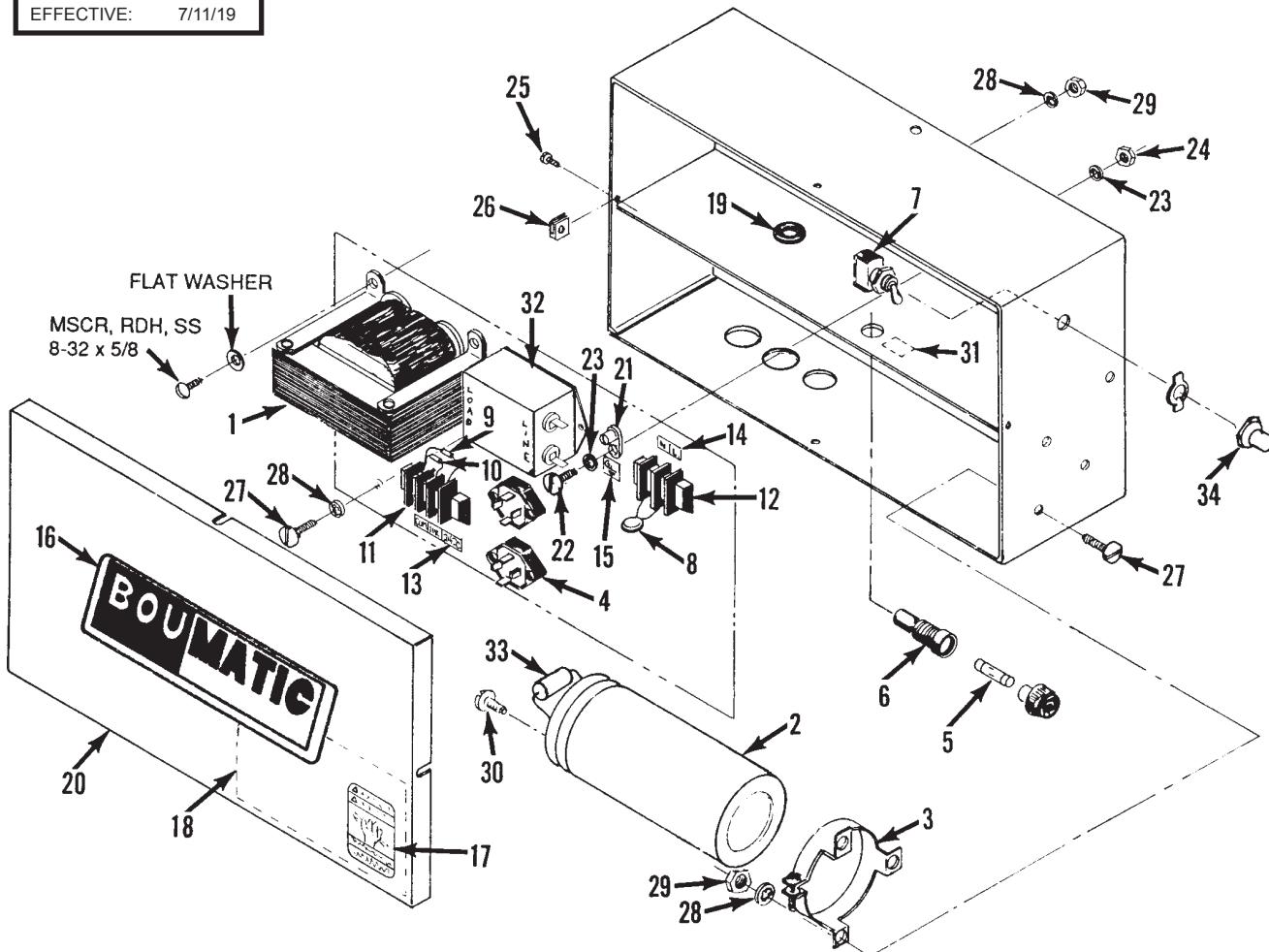
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| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|--|-----------------------------------|
| 1,2 | 3554142 | Power Supply, 12 Unit | old |
| 1,2 | 3554142 | Power Supply, 12 Unit | new |
| 1 | 8518567 | Xfrm, 200/220/240V | 1 1 |
| 2 | 8518547 | Filter, EMI, 3A, 115/250V, 50/60 Hz | 1 1 |
| 3 | 3552033 | Rectifier, Bridge, 400V, 35 Amp | 2 2 |
| 4 | 8516824 | Switch, Toggle, DPST, On-Off, VDE | 1 1 |
| 5 | 8518549 | Capacitor, 50000 MFD | 1 1 |
| 6 | 3553492 | Holder, Fuse, 1-1/4 x 1/4 | 2 - |
| 7 | 1931835 | Fuse, 8A, 32V, Slow, 1.25 x .25 | 2 - |
| | 3556379 | Breaker, Ckt, 8A, VDE | - 2 |
| 8 | 8518572 | Resistor Assy, 2W, 1.0 K | 1 1 |
| 9 | 3554156 | Resistor Assy, 2W, 4.7 K | 1 - |
| | 1975744 | Resistor, WW, 10W, 3K, 5% | - 1 |
| 10 | 1988204 | Xient, Varistor, 250 VAC | 2 - |
| | 1988213 | Xient, Varistor, Gas Discharge | - 1 |
| 11 | 3554155 | Block, Terminal, 3-Position | 1 1 |
| 12 | 8518548 | Block, Terminal, 3-Position (Part no. represents 1 block) | a/r a/r |
| 13 | 1939605 | Insulator, Semicon, SI, DO-5 | 2 - |
| 14 | 8518575 | Tape, Foam, Adh., .25 x .50 | a/r a/r |
| 15 | 3551467 | Nut, Speed, SS, #8 | 2 2 |
| 16 | 1027267 | ⊗ TFSCR, PNH, SS, 8-15 x 3/4 | 2 2 |
| 17 | 8505777 | Label, On-Off, International | 1 1 |
| 18 | 8518554 | ⊗ Label, Fuse, 8 Amp | 1 - |
| | 3556381 | Label, Circuit Breaker, 8 Amp | - 1 |
| 19 | 8518555 | Label, Terminal Block | 1 1 |
| 20 | 8505774 | ⊗ Label, Caution, Eng/Fr/Gr | 1 1 |
| | 8506167 | Label, Bou-Matic, 3.0 x 10 | 1 1 |
| 21 | 8518550 | ⊗ Label, Wiring Diag, Pwr Supply | 1 - |
| | 3556402 | Label, Wiring Diag, Pwr Supply | - 1 |
| 23 | 8505764 | n/s Term, Disc, Fem, 16-14, 1/4, Full | a/r a/r |
| 24 | 3556380 | Barrier, Guard | - 1 |
| 25 | 4015960 | Seal, Switch, Ckt-Breaker | - 1 |
| 26 | 8516825 | Breaker, Ckt, 5A, VDE | - 1 |
| 27 | ----- | Literature 9P-496 (Installation & Service Instructions) | a/r a/r |

Note:
1. To tell whether power supply is a older or newer version, check and see if a guard (item 24) is mounted to the base of the power supply. If a guard is present it indicates that it is a newer version power supply.
2. 3554142 replaces power supply 3552037.

Power Supply System 2000



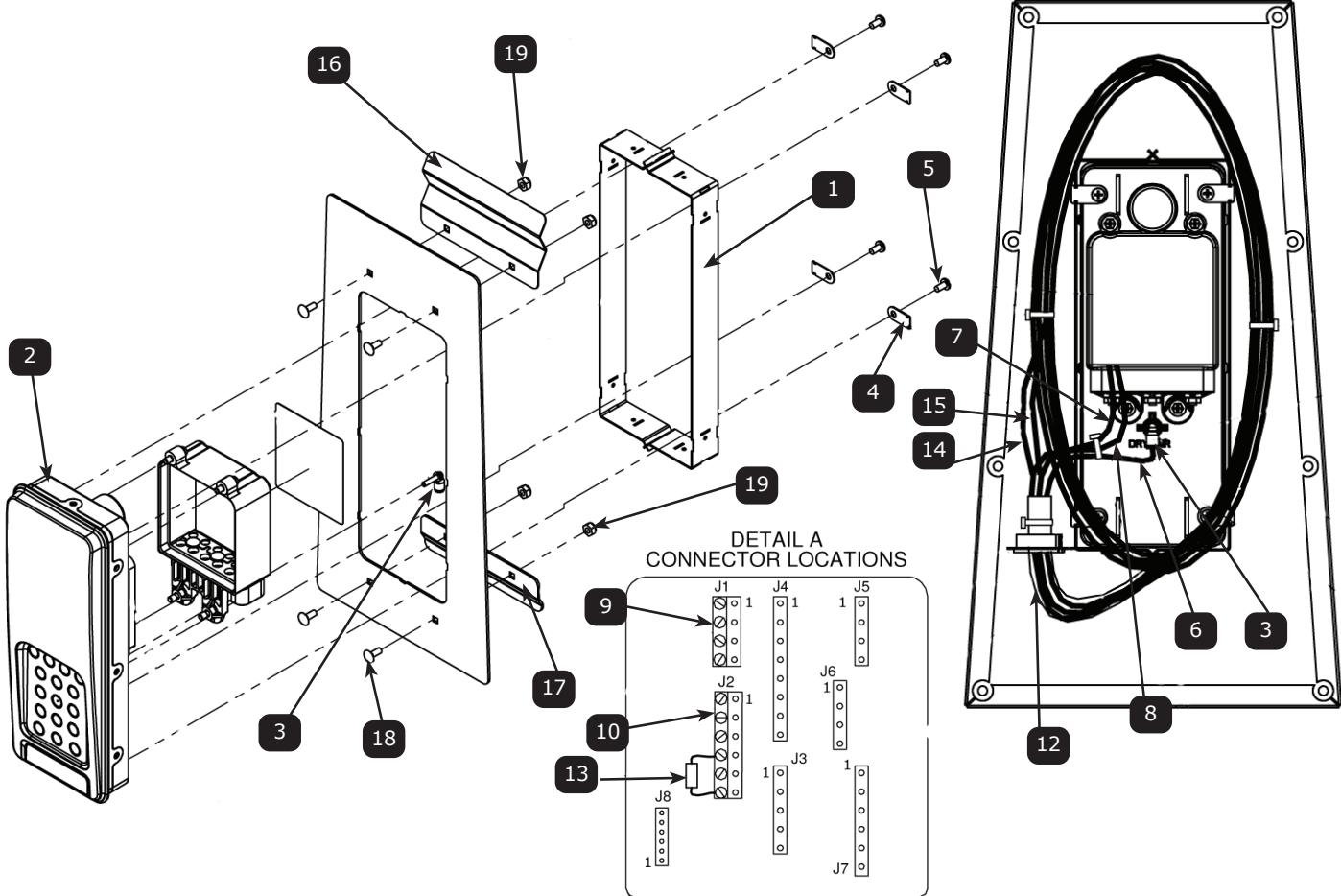
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-------------------------------------|-----------------------------------|
| | 3552037 ¹ | Power Supply, 16 Unit | - |
| 1 | 3552034 | Xfmr, 115/230V, 9.5/25.1V | 1 |
| 2 | 3552031 | Capacitor, 80000 Mfd | 1 |
| 3 | 3552032 | Clamp, Capacitor | 1 |
| 4 | 3552033 | Rectifier, Bridge, 400V, 35Amp | 2 |
| 5 | 1931831 | Fuse, 5.00A, 250V, Slow, 1.25 x .25 | 1 |
| 6 | 8506109 | Holder, Fuse | 1 |
| 7 | 4079115 | Switch, Toggle, SPST | 1 |
| 8 | 1988201 | Xient, Varistor, 130VAC, 38J | 1 |
| 9 | 3551827 | Suppressor, Voltage, 24VAC | 1 |
| 10 | 3552030 | Transzorb, 18V | 1 |
| 11 | 4079114 | Block, Terminal, 3-Position | 1 |
| 12 | 4087694 | Block, Terminal, 2-Position | 1 |
| 13 | 3552049 | Label, Power | 1 |
| 14 | 3551405 | Label, Power In | 1 |
| 15 | 8505776 | Label, Ground, International | 1 |
| 16 | 8506167 | Label, Bou-Matic, 3.0 x 10 | 1 |
| 17 | 3550968 | Label, Turn-Power-Off | 1 |
| 18 | 4016123 | Label, Caution, Disconnect-Power | 1 |
| 19 | 3552055 | Label, Wiring Diag | 1 |
| 20 | 3551842 | Cover, Power Supply | 1 |
| 21 | 3551897 | Lug, Ground, 14 to 8 AWG | 1 |
| 22 | 1096200 | MSCR, PNH, SS, 10-24 x 1/2 | 1 |
| 23 | 1235384 | Washer, Lock, Intl-T, SS, #10 | 2 |
| 24 | 1204379 | Nut, Hex, Mscr, SS, 10-24 | 1 |
| 25 | 1027265 | TFSCR, PNH, SS, 8-18 x 1/2 AB | 4 |
| 26 | 3551200 | Nut, Speed, #8 | 4 |
| 27 | 1096179 | MSCR, PNH, SS, 8-32 x 3/8 | 4 |
| 28 | 1235383 | Washer, Lock, Intl-T, SS, #8 | 5 |
| 29 | 1204378 | Nut, Hex, Mscr, SS, 8-32 | 4 |
| 30 | 1096216 | MSCR, PNH, SS, 10-32 x 3/8 | 2 |
| 31 | 3552082 | Label, Fuse, 5 Amp | 1 |
| 32 | 3553433 | Filter, EMI, 6A, 115/250V, 50/60Hz | 1 |
| 33 | 1973672 | Resistor, Cbn Cmpsn, 2W, 1.0 K | 1 |
| 34 | 3551793 | Seal, Toggle-Switch | 1 |

Notes:

1. Item is obsolete. 3554142 is a nondirect replacement. See page 3.

TouchPoint Assembly, Xcalibur Streamline 360EX

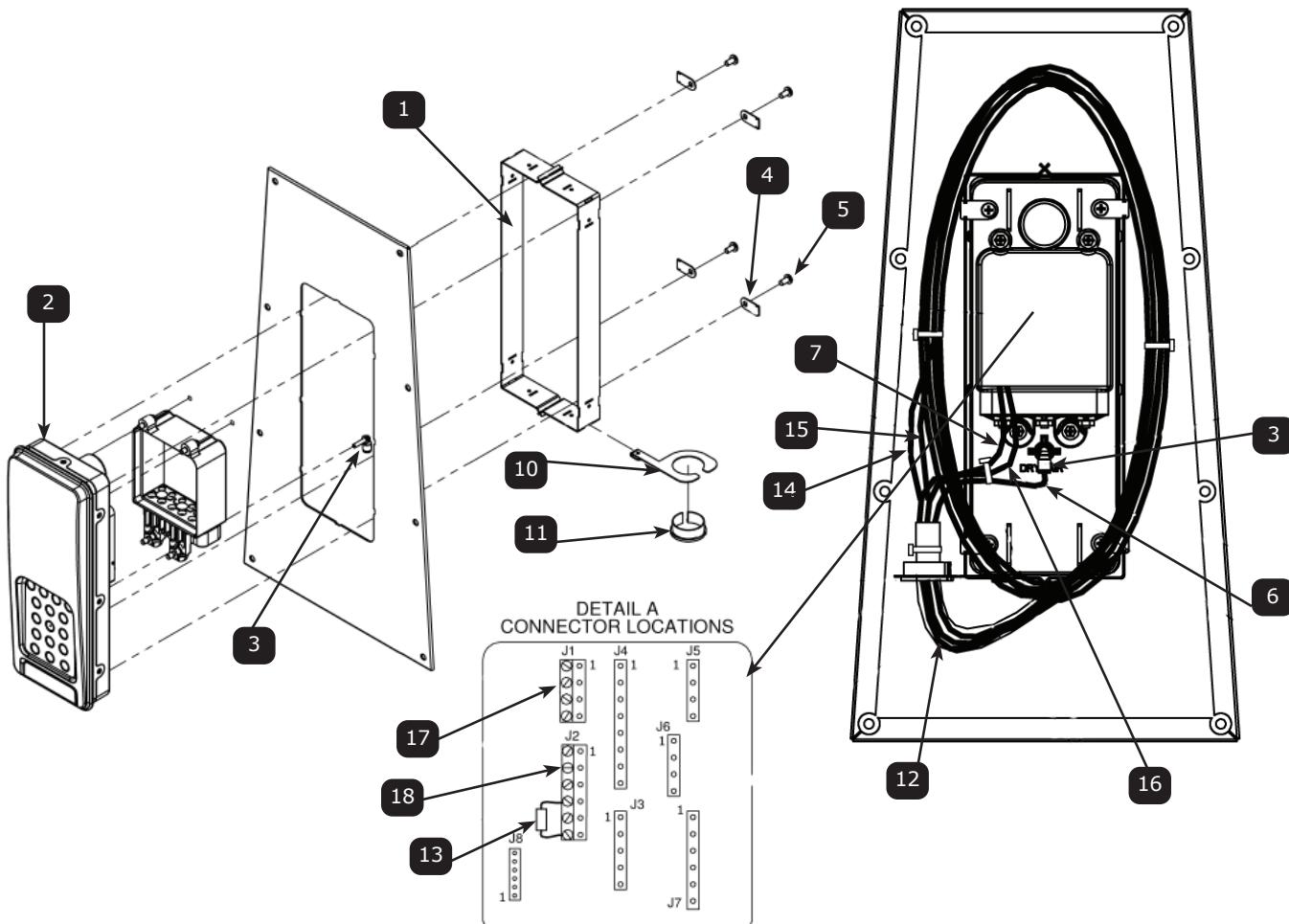
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| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|----------------|----------|-----------------------------|------------------------------------|-----------------------------------|
| 3561052 | | | Cover Assy, 360EX, T-Pnt | 1052 |
| 1 | 3559327 | ⊗ | Bracket, Hold Down, T-Point | 2 |
| | 3561865 | | Bracket, T-Point, Clamp | 2 |
| 2 | 3559530 | | Control, TouchPoint | 1 |
| 3 | 8504215 | | Conn, Elbow, Push-In, 5/32 | 1 |
| 4 | 3559326 | ⊗ | Bracket, Clamp, T-Point | 4 |
| | 3561865 | | Bracket, T-Point, Clamp | 4 |
| 5 | 3559350 | | MSCR, PNH, SS, M5 x 6 | 4 |
| 6 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500ft | a/r |
| 7 | 3559857 | | Cable Assy, DC Power, F, 15ft | 1 |
| 8 | 3559859 | | Cable Assy, Prism-Sub, F, 15ft | 1 |
| 9 | 3559203 | | Conn, Term Block, 4-Pin, 5MM | 1 |
| 10 | 3559205 | | Conn, Term Block, 6-Pin, 5MM | 1 |
| 11 | 8507015 | n/s | Conn, Swlv, Elb, 5/32 OD x 1/4 NPT | 1 |
| 12 | 3558497 | | Tubing, Split, 3/4 ID | a/r |
| 13 | 3557453 | | Termination, Prism | 1 |
| 14 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500ft | a/r |
| 15 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500ft | a/r |
| 16 | 3561271 | | Tab, Catch, Cover, 360EX, Top | 1 |
| 17 | 3561272 | | Tab, Catch, Cover, 360EX, Bottom | 1 |
| 18 | ----- | | Bolt, CRG, SS, 10-24 x 1/2 | 4 |
| 19 | ----- | | Nut, Lock, Elas, SS, 10-24 | 4 |

TouchPoint Assembly, Xcalibur 360EX

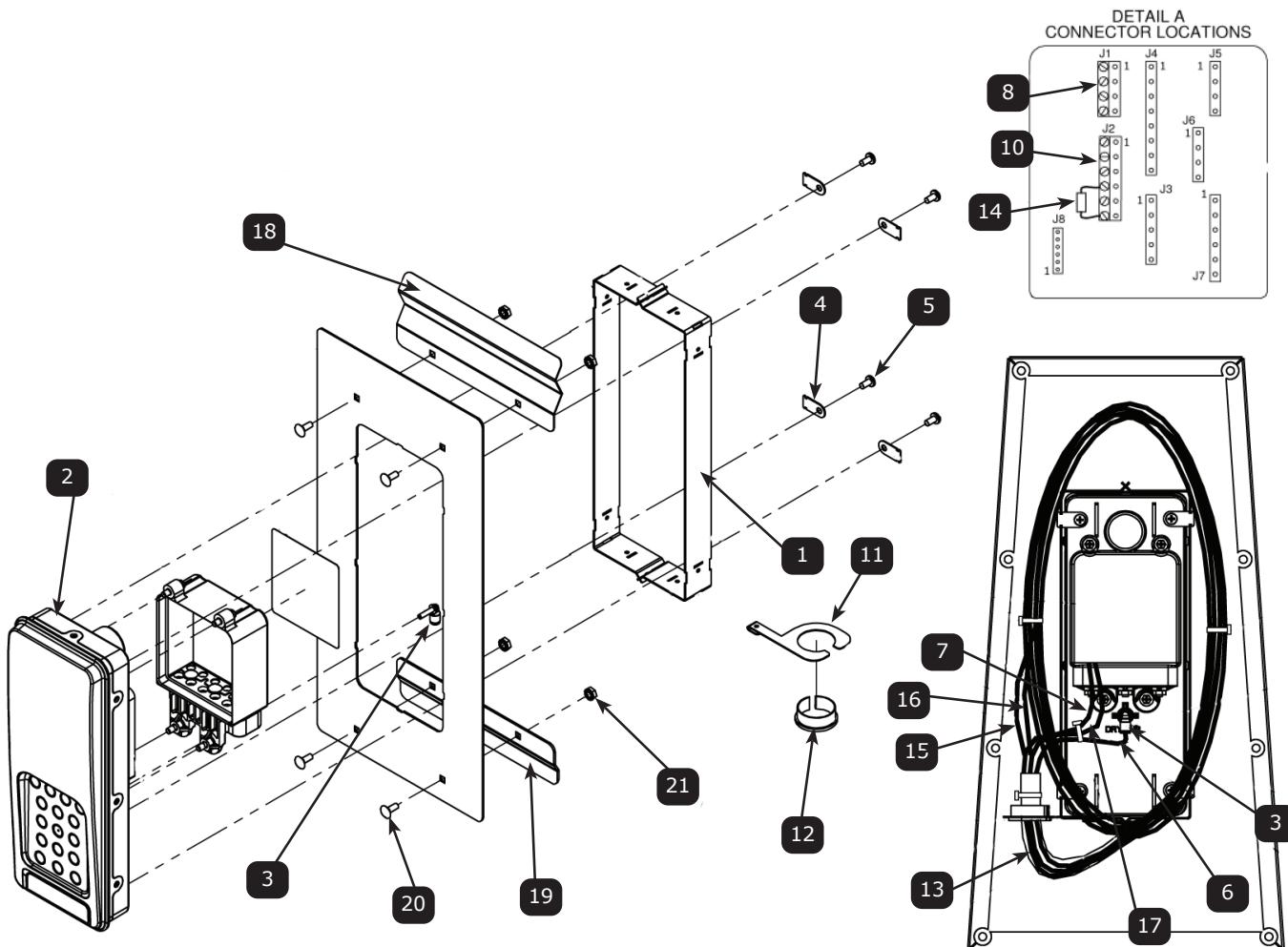
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|-----------------------------------|-----------------------------------|
| | 3559364 | ⊗ | Cover Assy, Rotary, T-Point | 9364 |
| | 3559876 | ⊗ | Cover Assy, Rotary, T-Point | 9876 |
| 1 | 3559327 | ⊗ | Bracket, Hold Down, T-Point | 2 |
| | 3561865 | | Bracket, T-Point, Clamp | 2 |
| 2 | 3559530 | | Control, TouchPoint | 1 |
| 3 | 8504215 | | Conn, Elbow, Push-In, 5/32 | 1 |
| 4 | 3559326 | ⊗ | Bracket, Clamp, T-Point | 4 |
| | 3561865 | | Bracket, T-Point, Clamp | 2 |
| 5 | 3559350 | | MSCR, PNH, SS, M5 x 6 | 4 |
| 6 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500 ft | a/r |
| 7 | 3559857 | | Cable Assy, DC Power, F, 15ft | 1 |
| 8 | ----- | n/s | CSCR, Bth, SS, M6-1.0 x 16 | 8 |
| 9 | 8507015 | n/s | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 1 |
| 10 | 3559369 | | Clip, Wire, T-Point, Rotary | 1 |
| 11 | 3558490 | | Bushing, Open/Closed, 1.25 Mtg | 1 |
| 12 | 3558497 | | Tubing, Split, 3/4 ID | a/r |
| 13 | 3557453 | | Termination, Prism | 1 |
| 14 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500ft | a/r |
| 15 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500ft | a/r |
| 16 | 3559859 | | Cable Assy, Prism-Sub, F, 15ft | 1 |
| 17 | 3559203 | | Conn, Term Block, 4-Pin, 5MM | 1 |
| 18 | 3559205 | | Conn, Term Block, 6-Pin, 5MM | 1 |



TouchPoint Assembly, Xpedia 360EX

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| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|----------------|----------|-----------------------------|-----------------------------------|-----------------------------------|
| 3560997 | | | | |
| 1 | 3559327 | ⊗ | Bracket, Hold Down, T-Point | 2 |
| | 3561865 | | Bracket, T-Point, Clamp | 2 |
| 2 | 3559530 | | Control, TouchPoint | 1 |
| 3 | 8504215 | | Conn, Elbow, Push-In, 5/32 | 1 |
| 4 | 3559326 | ⊗ | Bracket, Clamp, T-Point | 4 |
| | 3561865 | | Bracket, T-Point, Clamp | 4 |
| 5 | 3559350 | | MSCR, PNH, SS, M5 x 6 | 4 |
| 6 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500ft | a/r |
| 7 | 3559857 | | Cable Assy, DC Power, F, 15ft | 1 |
| 8 | 3559203 | | Conn, Term Block, 4-Pin, 5MM | 1 |
| 9 | 8507015 | n/s | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 1 |
| 10 | 3559205 | | Conn, Term Block, 6-Pin, 5MM | 1 |
| 11 | 3559369 | | Clip, Wire, T-Point, Rotary | 1 |
| 12 | 3558490 | | Bushing, Open/closed, 1.25 mtg | 1 |
| 13 | 3558497 | | Tubing, Split, 3/4 ID | a/r |
| 14 | 3557453 | | Termination, Prism | 1 |
| 15 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500ft | a/r |
| 16 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500ft | a/r |
| 17 | 3559859 | | Cable Assy, Prism-Sub, F, 15ft | 1 |
| 18 | 3560959 | | Tab Catch, Cover, 360EX, V-Pnt | 1 |
| 19 | 8582989 | | Tab Catch, Cover, Rotary Cab. | 1 |
| 20 | ----- | | Bolt, CRG, SS, 10-24 x 1/2 | 4 |
| 21 | ----- | | Nut, Hex, Keps, SS, 10-24 | 4 |

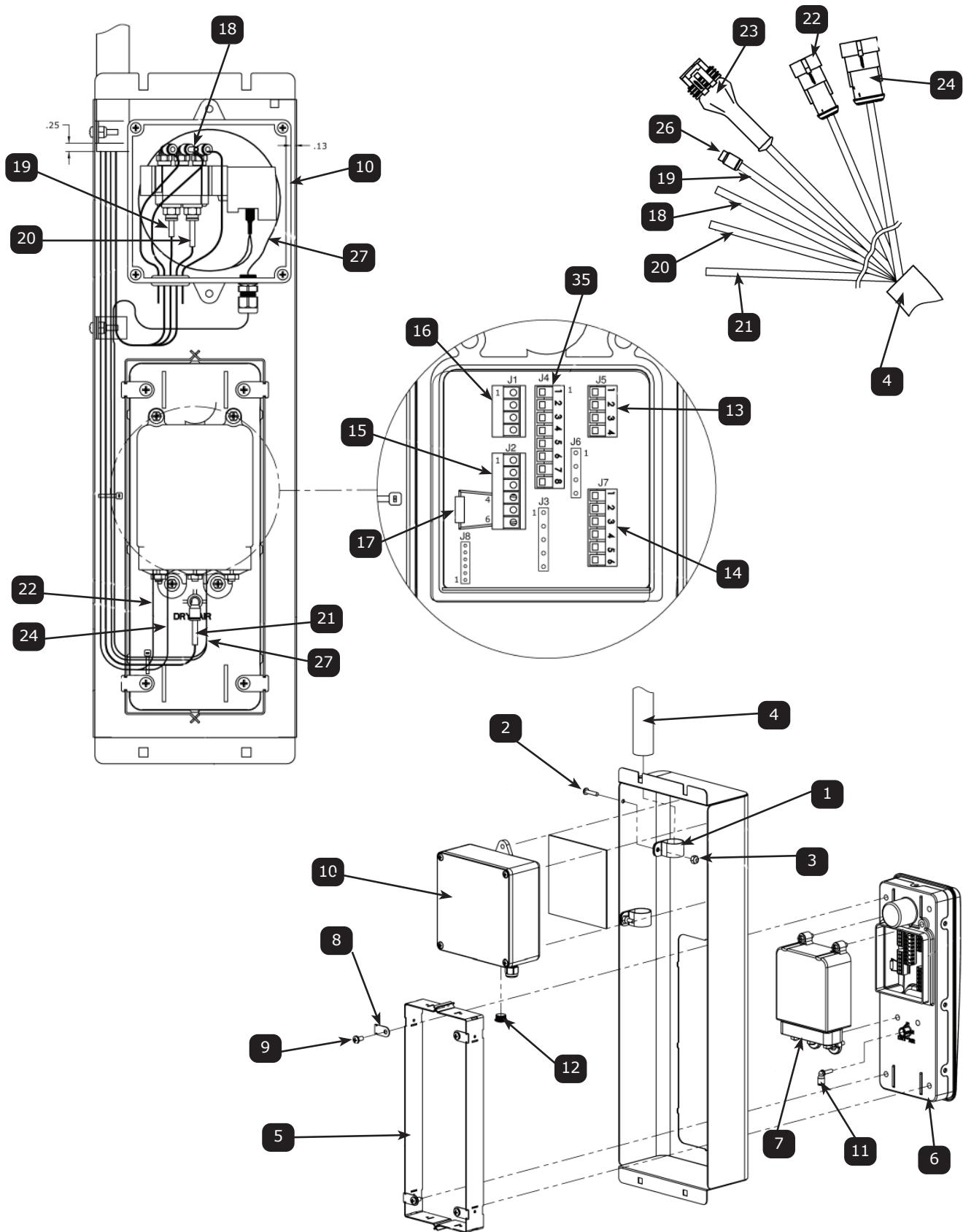


TouchPoint Assembly, Xpedia 360IX cont'd

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------------|-----------------------------|--|-----------------------------------|-----|
| | 3560990 | | Detacher Assy, T-Point, Air, 360IX | 0990 | |
| | 3561013 | | Detacher Assy, T-Point, 360IX | 1013 | |
| 1 | 1979219 | | Clamp, Cable, 7/8in. ID x 1/2 | 2 | 2 |
| 2 | ----- | | MSCR, PNH, SS, 8-32 x 3/4 | 2 | 2 |
| 3 | ----- | | Nut, Lock, Elas, SS, 8-32 | 2 | 2 |
| 4 | 3559926 | | Tube, Vinyl, 1.00 OD x .75 ID | a/r | a/r |
| 5 | 3559327 | ⊗ | Bracket, Hold Down, T-Point | 2 | 2 |
| | 3561865 | | Bracket, T-Point, Clamp | 2 | 2 |
| 6 | 3559530 | | Control, TouchPoint | 1 | 1 |
| 7 | 3559919 | | Back Cover Assy, TouchPoint (Refer to Back Cover Assembly, Touch- Point page D-18 for parts breakdown) | - | - |
| 8 | 3559326 | ⊗ | Bracket Clamp, T-Point | 4 | 4 |
| | 3561865 | | Bracket, T-Point, Clamp | 4 | 4 |
| 9 | 3559350 | | MSCR, PNH, SS, M5 x 6 | 4 | 4 |
| 10 | 3560105 | | Enclosure Assy, Valve Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for parts breakdown) | - | - |
| 11 | 8504215 | | Conn, Elbow, Push-In, 5/32 | 1 | 1 |
| 12 | 3560493 | | Plug, Dome, PG7 | 1 | - |
| 13 | 3559718 | | Connector, Plug, VT, 4P x 5MM | 1 | 1 |
| 14 | 3559719 | | Connector, plug, VT, 6P x 5MM | 1 | 1 |
| 15 | 3559205 | | Conn, Term Block, 6-Pin, 5MM | 1 | 1 |
| 16 | 3559203 | | Conn, Term Block, 4-Pin, 5MM | 1 | 1 |
| 17 | 3557453 | | Termination, Prism | 1 | 1 |
| 18 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500ft | a/r | a/r |
| 19 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500ft | a/r | a/r |
| 20 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500ft | a/r | a/r |
| 21 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500ft | a/r | a/r |
| 22 | 3560973 | | Cable Assy, DC Power, F, 120in. | 1 | 1 |
| 23 | 3560979 | | Cable Assy, Pulsator, 120in. | 1 | 1 |
| 24 | 3560974 | | Cable Assy, Prism-Sub, F, 25ft | 1 | 1 |
| 25 | 3561014 | n/s | Cable Assy, M/F, 120in. | - | 1 |
| 26 | 3560988 | | Plug, Push, Female, 5/32 | 1 | - |
| 27 | 3559502 | | Cable Assy, One Stall, T-Point | 1 | - |
| 28 | 3560743 | n/s | Conn, Push, Tee, 5/32 x 1/4 NPT | 1 | 1 |
| 29 | 3554451 | n/s | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 1 | 1 |
| 30 | 8507022 | n/s | Conn, Swl, Elb, 1/4 OD x 1/4 NPT | 1 | 1 |
| 31 | 8510201 | n/s | Clamp, Hose, SS, #28, 1.31-2.25 | 2 | 2 |
| 32 | ----- | n/s | Bolt, CRG, SS, 1/4-20 x 5/8 | 4 | 4 |
| 33 | ----- | n/s | Nut, Hex, Flange, Lck, 1/4-20, SS | 4 | 4 |
| 34 | ----- | n/s | Nut, Cap, SS, 1/4-20 | 4 | 4 |
| 35 | 3559863 | | Connector, Plug, VT, 8P x 5MM | 1 | 1 |

TouchPoint Assembly, Xpedia 360IX cont'd

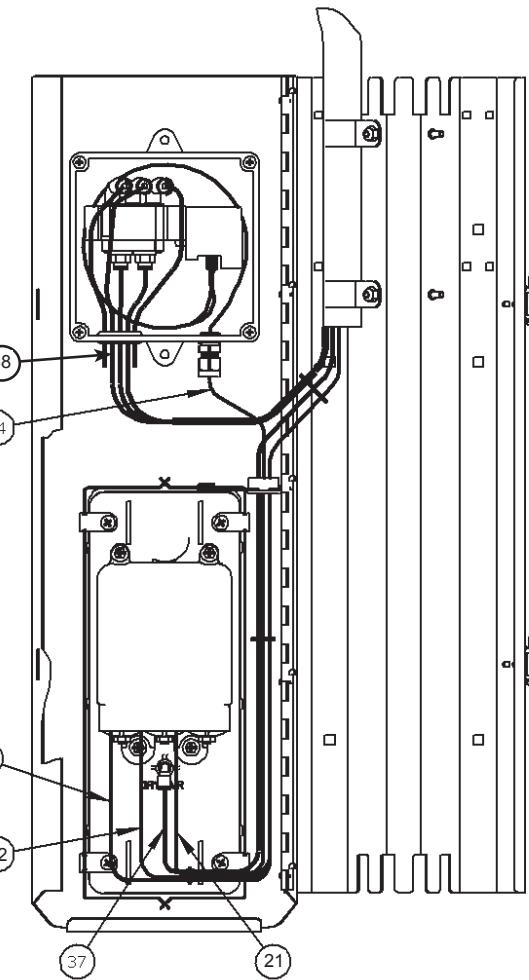
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TouchPoint Assembly, Stand-Alone

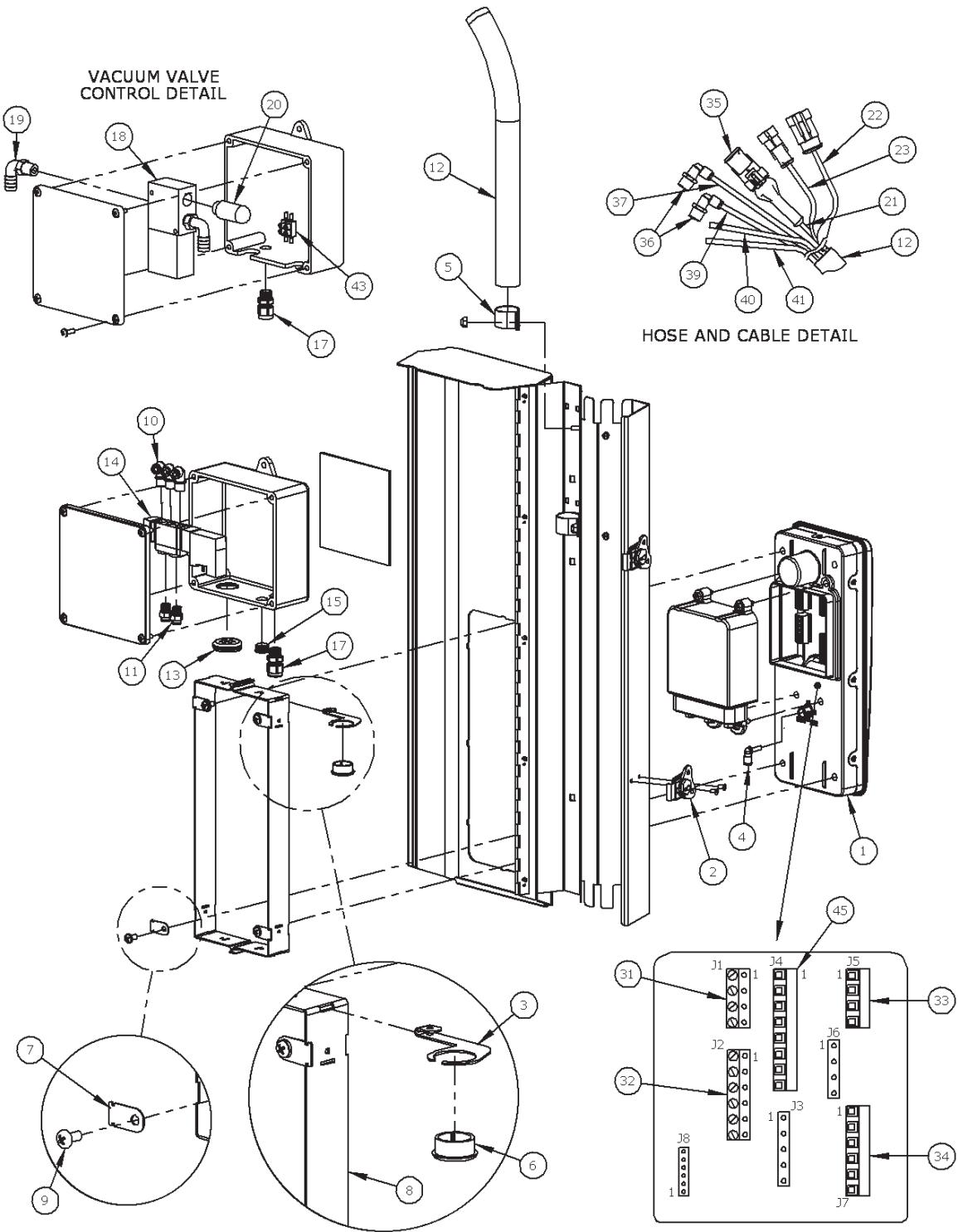
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | |
|------|-----------|-------------------------------------|------------------------------------|-----|-----|-----|
| | | | 508 | 842 | 794 | |
| 1 | 3559530 | Control, Touchpoint | 1 | 1 | 1 | |
| 2 | 8515269 | Fastener, Link-Lock | 2 | 2 | 2 | |
| | 8595442 1 | Latch, SS, Adjustable | 2 | 2 | 2 | |
| 3 | 3559720 | Clip, Wire, T-Point, 3/4" | 1 | 1 | 1 | |
| 4 | 8504215 | Conn, Elbow, Push-In, 5/32 | 1 | 1 | 1 | |
| 5 | 1979219 | Clamp, Cable, 7/8" ID x 1/2 | 2 | - | 2 | |
| | 1979219 | Clamp, Cable, 1" ID x 1/2 | - | 4 | - | |
| 6 | 4022982 | Bushing, Split, Nylon, OCB-875 | 1 | 1 | 1 | |
| 7 | 3559326 | Bracket, Clamp, T-Point | 4 | 4 | 4 | |
| 8 | 3559327 | Bracket, Hold Down, T-Point | 2 | 2 | 2 | |
| 9 | 3559350 | Mscr, Pnh, SS, M5 X 6 | 4 | 4 | 4 | |
| 10 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 3 | - | - | |
| 11 | 3554159 | Conn, Push, 5/32 OD x 1/8 NPT | 2 | - | - | |
| 12 | 3559926 | Tube, Vinyl, 1.00 OD x .75 ID | a/r | a/r | a/r | |
| 13 | 3556157 | Grommet, Multiple, 5/32 | 1 | - | - | |
| 14 | 3559301 | Valve, 4-Way, Air, Low Power | 1 | - | - | |
| 15 | 3560493 | Plug, Dome, PG7 | 1 | - | - | |
| 16 | 3561014 | Cable Assy, M/F, 120 in. | - | - | 1 | |
| 17 | 1917500 | Conn. Str-Rlf, .11-.25, PG7 | 1 | 1 | - | |
| 18 | 3559533 | Valve, Vac, 1/4 NPT, 2.8W | - | 1 | - | |
| 19 | 3553790 | Elbow, 90, Nyl, 1/4 NPT x 3/8 Hose | - | 2 | - | |
| 20 | 8551136 | Muffler, Filter, 1/4 NPT | - | 1 | - | |
| 21 | 3559777 | Cable Assy, Pulsator, 72" | 1 | 1 | 1 | |
| 22 | 3559785 | Cable Assy, Prism-Sub, F, 72" | 1 | 1 | 1 | |
| 23 | 3559784 | Cable Assy, DC Power, F, 72" | 1 | 1 | 1 | |
| 24 | 3559502 | Cable Assy, One Stall, T-Point | 1 | - | - | |
| | 3559801 | Cable Assy, One Stall, Vac, T-Point | - | 1 | - | |
| 25 | 1219379 | Nut, Hex, Keps, SS, 10-24 | 3 | 3 | 3 | |
| 26 | 1201206 | Bolt, Crg, SS, 10-24 X 1.25 | 3 | 3 | 3 | |
| 27 | 3559146 | Plate, Compression, Str-Rlf | 3 | 3 | 3 | |
| 28 | 3559147 | n/s | Bushing, Cable, .265 Dia | 12 | 12 | 12 |
| 29 | 3559531 | n/s | Screw, Captive, Hwhw, SS, M5-.8X18 | 4 | 4 | 4 |
| 30 | 3559890 | n/s | Plate, Backup, Strain-Rlf | 1 | 1 | 1 |
| 31 | 3559203 | Conn, Term Block, 4-Pin, 5MM | 1 | 1 | 1 | |
| 32 | 3559205 | Conn, Term Block, 6-Pin, 5MM | 1 | 1 | 1 | |
| 33 | 3559718 | Connector, Plug, VT, 4P X 5MM | 1 | 1 | 1 | |
| 34 | 3559719 | Connector, Plug, VT, 6P X 5MM | 1 | 1 | 1 | |
| 35 | 3559782 | n/s | Connector Assy, Cap, M, 3- Pin | 1 | 1 | 1 |
| 36 | 8507015 | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 | - | 1 | |
| 37 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500 Ft | a/r | a/r | a/r |
| 38 | 3556248 | n/s | Hose, Nyl, Blk, 5/32 OD x 500 Ft | a/r | - | - |
| 39 | 3556251 | Hose, Nyl, Nat, 5/32 OD x 500 Ft | a/r | - | - | |
| 40 | 3556249 | Hose, Nyl, Red, 5/32 OD x 500 Ft | a/r | - | - | |
| 41 | 3556250 | Hose, Nyl, Grn, 5/32 OD x 500 Ft | a/r | - | - | |
| 42 | 8506805 | n/s | Hose, Vinyl, .38 x .125W, Blk/Wht | a/r | a/r | a/r |
| 43 | 1917655 | Connector, Term Strip, 2-Pos | - | 1 | - | |
| 44 | 1916633 | n/s | Connector, Pin, Ferrule, 20 Ga | - | 2 | - |
| 45 | 3559863 | Connrector, Plug, VT, 8P X 5MM | - | - | 1 | |

Note: 1. Since October 2020.



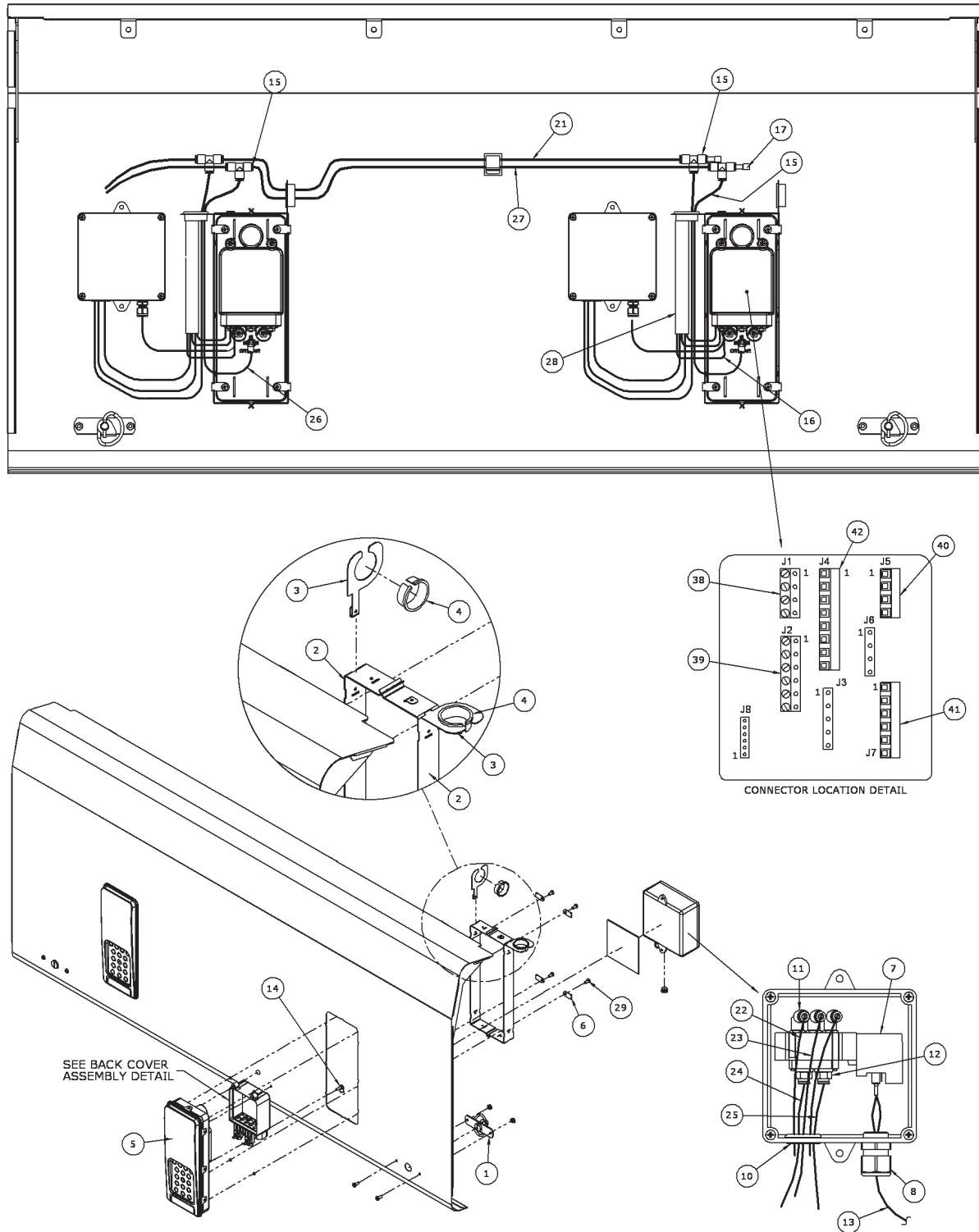
TouchPoint Assembly, Stand-Alone

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 11 |
| EFFECTIVE: 3/18/11 | |

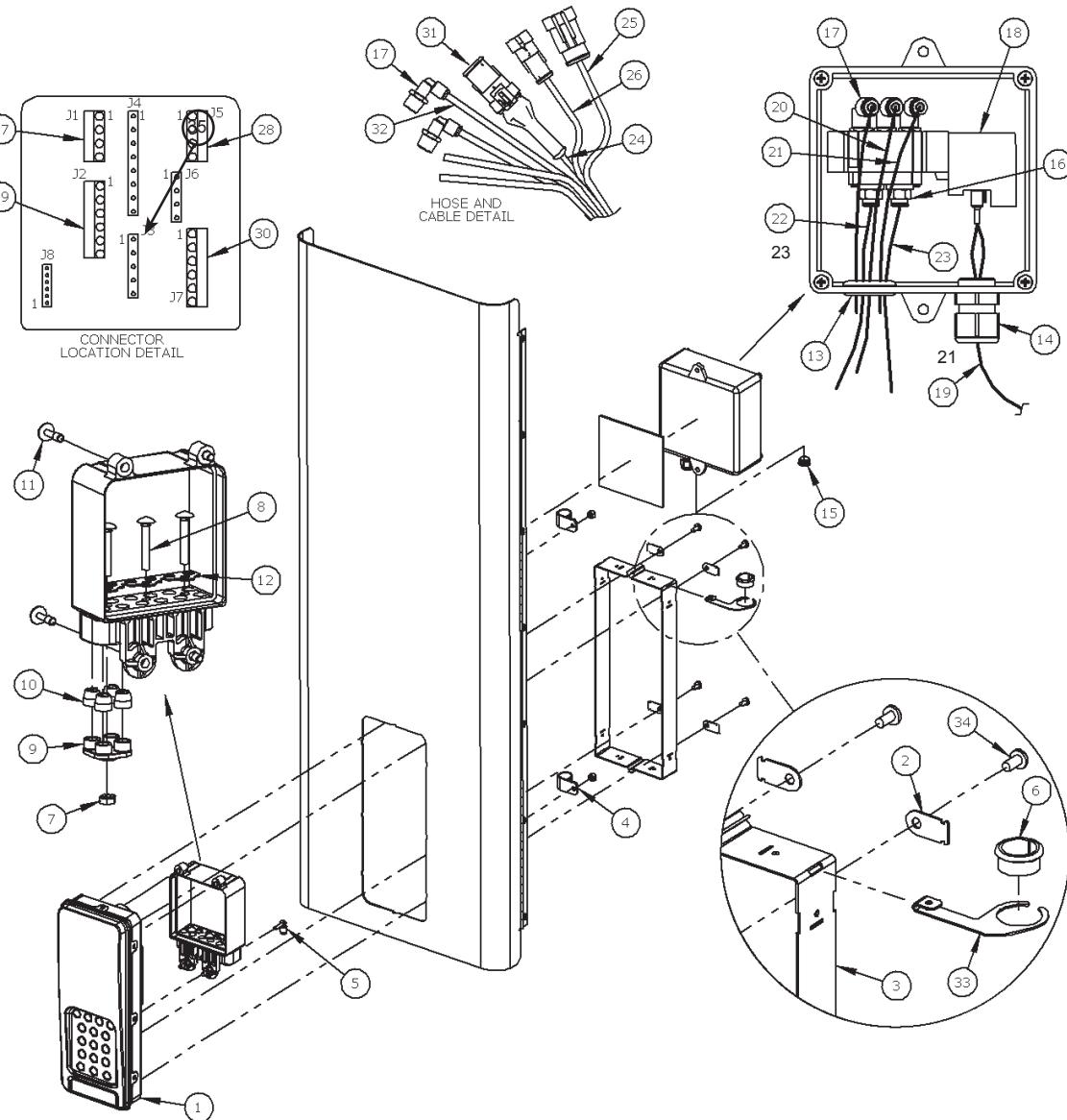


**TouchPoint Assembly, Xcalibur 90RX/LX, Xpedia
90RX/TX & Xpressway Supreme 2 & 3 Stall**

| | |
|---------------------|-------------------|
| SECTION D | PAGE 13 |
| EFFECTIVE: | 3/18/11 |



TouchPoint Assembly, Xcalibur 3640/4440

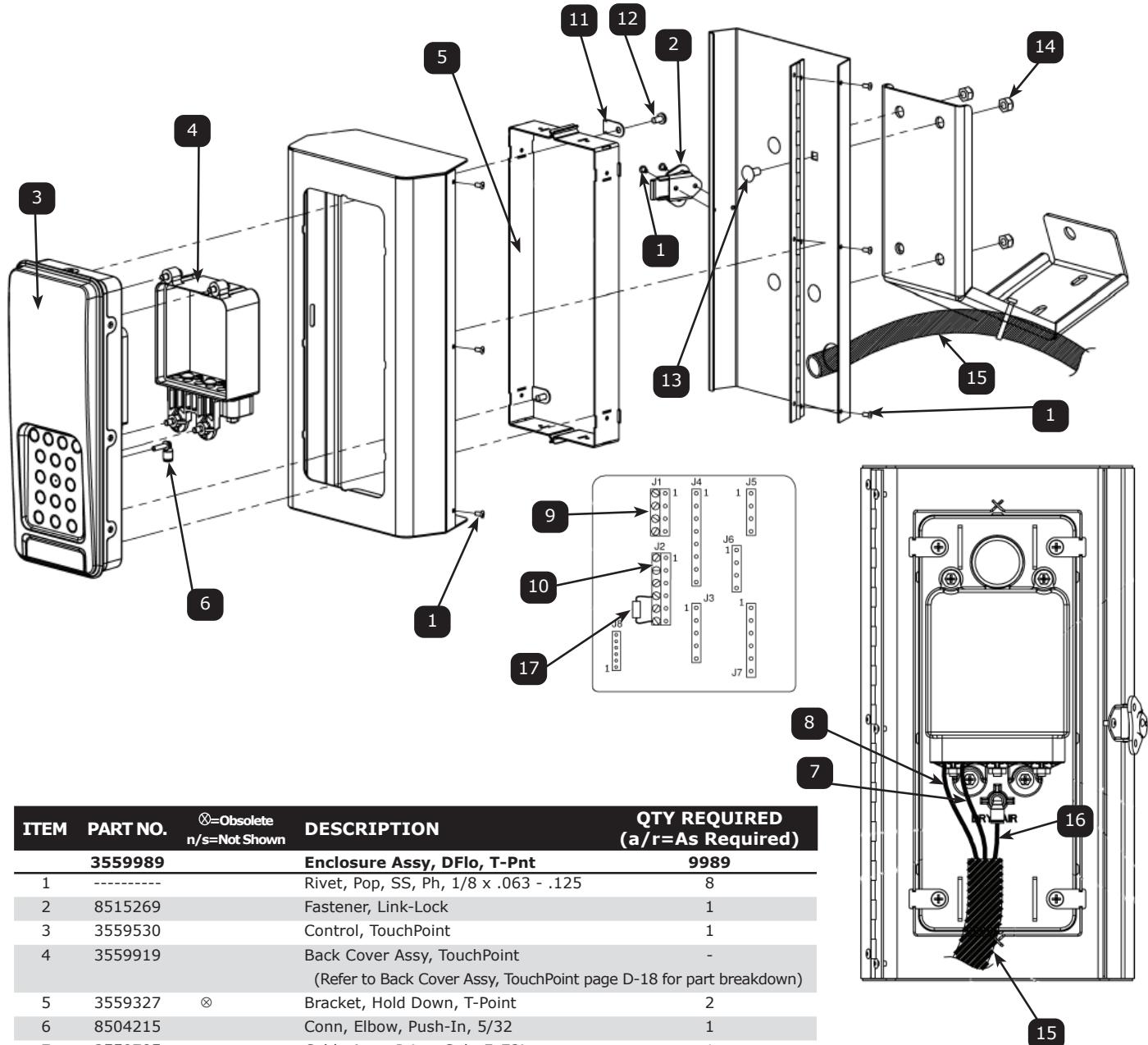


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------------|----------|------------------------------------|-----------------------------------|
| n/s=NOT SHOWN | | | |
| 3559917 | | Door Assy, T-P, H-B, LH | 917 |
| 3559918 | shown | Door Assy, T-P, H-B, RH | 918 |
| 1 | 3559530 | Control, Touchpoint | 1 |
| 2 | 3559326 | Bracket, Clamp, T-Point | 4 |
| 3 | 3559327 | Bracket, Hold Down, T-Point | 2 |
| 4 | 1979215 | Clamp, Cable, 5/8" ID X 1/2 | 2 |
| 5 | 8504215 | Conn, Elbow, Push-In, 5/32 | 1 |
| 6 | 4022982 | Bushing, Split, Nylon, OCB-875 | 1 |
| 7 | 1219379 | Nut, Hex, Keps, SS, 10-24 | 3 |
| 8 | 1201206 | Bolt, Crg, SS, 10-24 X 1.25 | 3 |
| 9 | 3559146 | Plate, Compression, Str-Rif | 3 |
| 10 | 3559147 | Bushing, Cable, .265 Dia | 12 |
| 11 | 3559531 | Screw, Captive, Hwhw, SS, M5-.8X18 | 4 |
| 12 | 3559890 | Plate, Backup, Strain-Rif | 1 |
| 13 | 3556157 | Grommet, Multiple, 5/32 | 1 |
| 14 | 1917500 | Conn, Str-Rif, .11-.25,PG7 | 1 |
| 15 | 3560493 | Plug, Dome, PG7 | 1 |
| 16 | 3554159 | Conn, Push, 5/32 OD x 1/8 NPT | 2 |
| 17 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 5 |
| 18 | 3559301 | Valve, 4-Way, Air, Lo Power | 1 |

| | | | |
|----|----------|----------------------------------|-----|
| 19 | 3559502 | Cable Assy, One Stall, T-Point | 1 |
| 20 | 3556251 | Hose, Nyl, Nat, 5/32 OD x 500 Ft | a/r |
| 21 | 3556248 | Hose, Nyl, Blk, 5/32 OD x 500 Ft | a/r |
| 22 | 3556249 | Hose, Nyl, Red, 5/32 OD x 500 Ft | a/r |
| 23 | 3556250 | Hose, Nyl, Grn, 5/32 OD x 500 Ft | a/r |
| 24 | 3559777 | Cable Assy, Pulsator,72" | 1 |
| 25 | 3559785 | Cable Assy, Prism-Sub, F, 72" | 1 |
| 26 | 3559784 | Cable Assy, DC Power, F, 72" | 1 |
| 27 | 3559203 | Conn, Term Block, 4-Pin, 5MM | 1 |
| 28 | 3559718 | Connector, Plug, VT, 4P X 5MM | 1 |
| 29 | 3559205 | Conn, Term Block, 6-Pin, 5MM | 1 |
| 30 | 3559719 | Connector, Plug, VT, 6P X 5MM | 1 |
| 31 | 3559782 | Connector Assy, Cap, M, 3- Pin | 1 |
| 32 | 322641YW | Hose, Nyl, Yel, 5/32 OD x 500 Ft | a/r |
| 33 | 3559720 | Clip, wire, T-Point, 3/4" | 1 |
| 34 | 3559350 | Mscr, Pnh, SS, M5 X 6 | 4 |
| 35 | 3559863 | Connector, Plug, VT, 8P x 5MM | 1 |

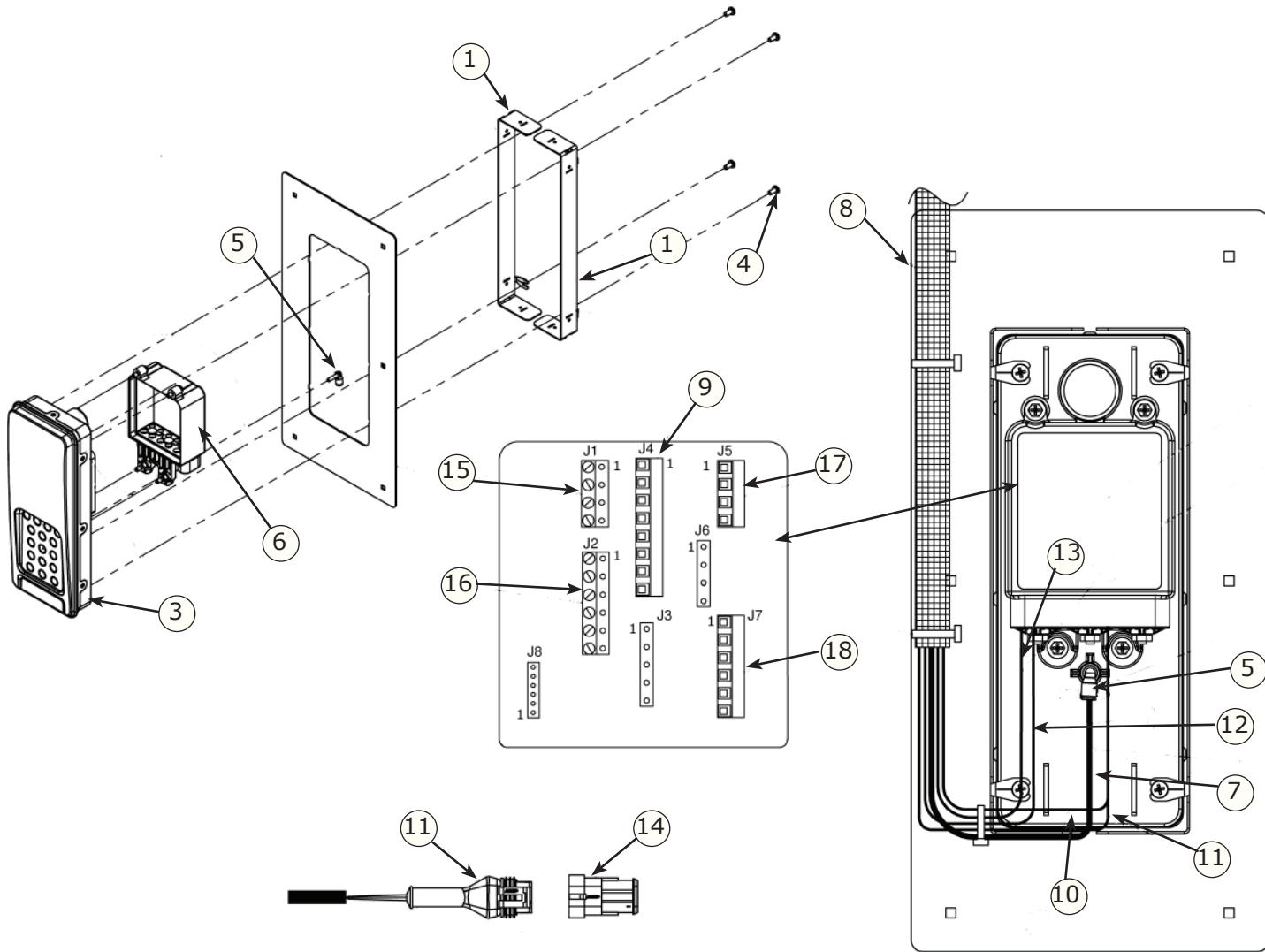
TouchPoint Assembly, DualFlo

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 15 |
| EFFECTIVE: 2/26/12 | |



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|----------------|----------|-----------------------------|--|-----------------------------------|
| 3559989 | | | Enclosure Assy, DFlo, T-Pnt | 9989 |
| 1 | ----- | | Rivet, Pop, SS, Ph, 1/8 x .063 - .125 | 8 |
| 2 | 8515269 | | Fastener, Link-Lock | 1 |
| 3 | 3559530 | | Control, TouchPoint | 1 |
| 4 | 3559919 | | Back Cover Assy, TouchPoint (Refer to Back Cover Assy, TouchPoint page D-18 for part breakdown) | - |
| 5 | 3559327 | ⊗ | Bracket, Hold Down, T-Point | 2 |
| 6 | 8504215 | | Conn, Elbow, Push-In, 5/32 | 1 |
| 7 | 3559785 | | Cable Assy, Prism-Sub, F, 72in. | 1 |
| 8 | 3559784 | | Cable Assy, DC Power, F, 72in. | 1 |
| 9 | 3559203 | | Conn, Term Block, 4-Pin, 5MM | 1 |
| 10 | 3559205 | | Conn, Term Block, 6-Pin, 5MM | 1 |
| 11 | 3559326 | ⊗ | Bracket, Clamp, T-Point | 4 |
| 12 | 3559350 | | MSCR, PNH, SS, M5 x 6 | 4 |
| 13 | ----- | | Bolt, CRG, SS, 1/4-20x1/2 | 4 |
| 14 | ----- | | Nut, Lock, Elas, SS, 1/4-20 | 4 |
| 15 | 3559926 | | Tube, Vinyl, 1.00 OD x .75 ID | a/r |
| 16 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500 ft | a/r |
| 17 | 3557453 | | Termination, Prism | 1 |

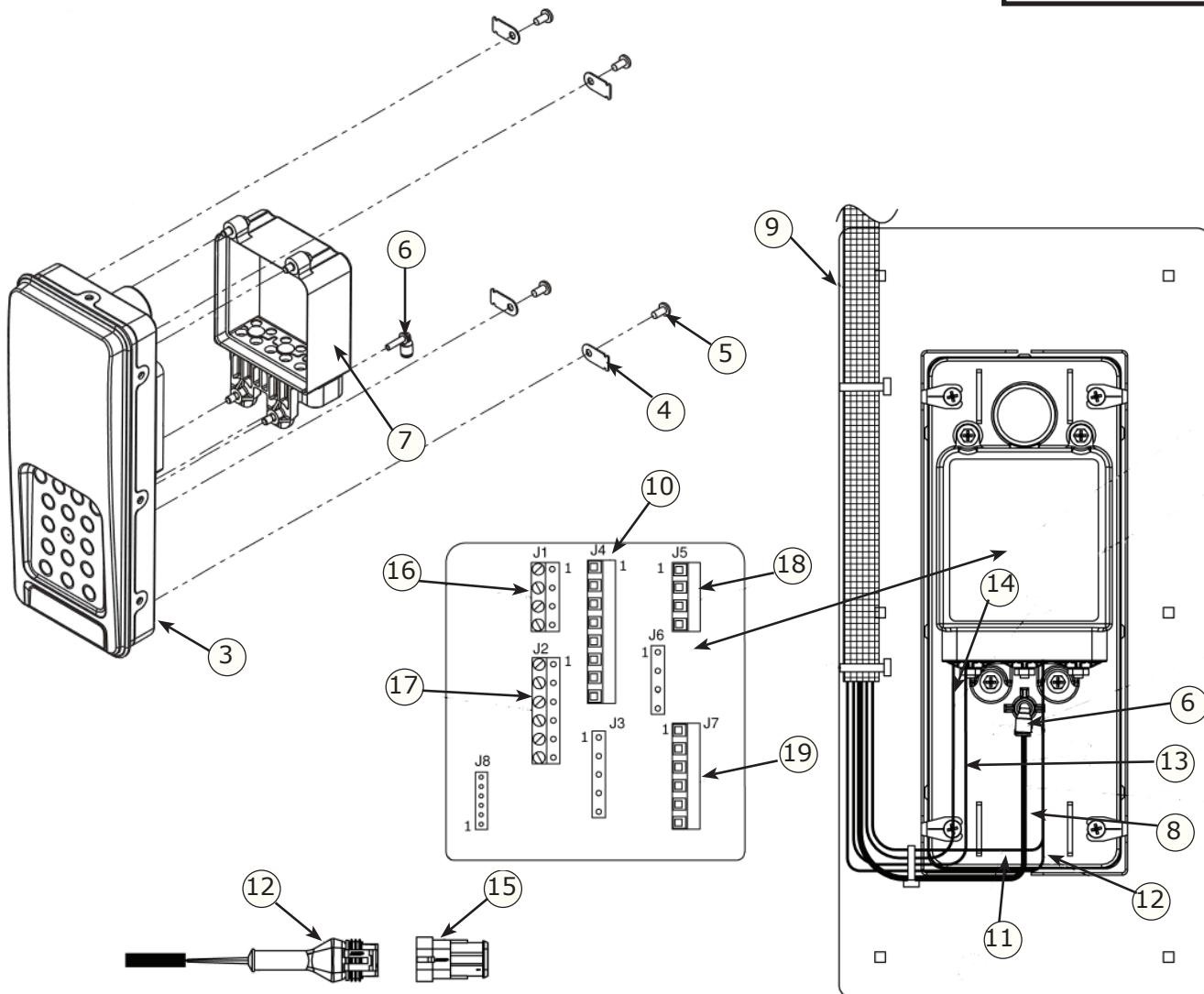
TouchPoint Assembly



| ITEM | PART NO. | Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------------|---------------------------|---------------------------------------|-----------------------------------|-----|
| | 3561787 | | Cover Assy, T-Point, 8 x 16 | 1787 | |
| | 3561788 | | Cover Assy, T-Point, 6 x 12 | 1788 | |
| 1 | 3561865 | | Bracket, T-Point, Clamp | 2 | 2 |
| 2 | 1914004 | n/s | Clamp, Cable, 3/4 DIA, ADH | 1 | 1 |
| 3 | 3559530 | | Control, TouchPoint | 1 | 1 |
| 4 | 3559350 | | Mscr, Pnh, SS, MS x 10 | 4 | 4 |
| 5 | 8504215 | | Conn, Elbow, Push-in, 5/32 | 1 | 1 |
| 6 | 3559919 | | Back Cover Assy, TouchPoint | 1 | 1 |
| 7 | 3226414 | | Hose, Nyl, Yel, 5/32 OD x 500 | a/r | a/r |
| 8 | 3559883 | | Sleeving, Expandable, Polyest, .75 ID | a/r | a/r |
| 9 | 3559863 | | Connector, Plug, VT, 8P x 5MM | 1 | 1 |
| 10 | 3561786 | | Cable Assy, Cyl/QuickStart, 10' | 1 | 1 |
| 11 | 3559777 | | Cable Assy, Pulsator, 72" | 1 | 1 |
| 12 | 3559785 | | Cable Assy, Prism-Sub, F, 72" | 1 | 1 |
| 13 | 3559784 | | Cable Assy, DC Power, F, 72" | 1 | 1 |
| 14 | 3559782 | | Connector Assy, Cap, M, 3-Pin | 1 | 1 |
| 15 | 3559203 | | Conn, Term Block, 4-Pin, 5MM | 1 | 1 |
| 16 | 3559205 | | Conn, Term Block, 6-Pin, 5MM | 1 | 1 |
| 17 | 3559718 | | Connector, Plug, VT, 4P x 5MM | 1 | 1 |
| 18 | 3559719 | | Connector, Plug, VT, 6P x 5MM | 1 | 1 |
| 19 | ----- | | Nut, Lock, Elas, SS, 10-24 | 6 | - |
| 20 | ----- | | Bolt, Crg, SS, 10-24 x 5/8 | 6 | - |

TouchPoint Retrofit

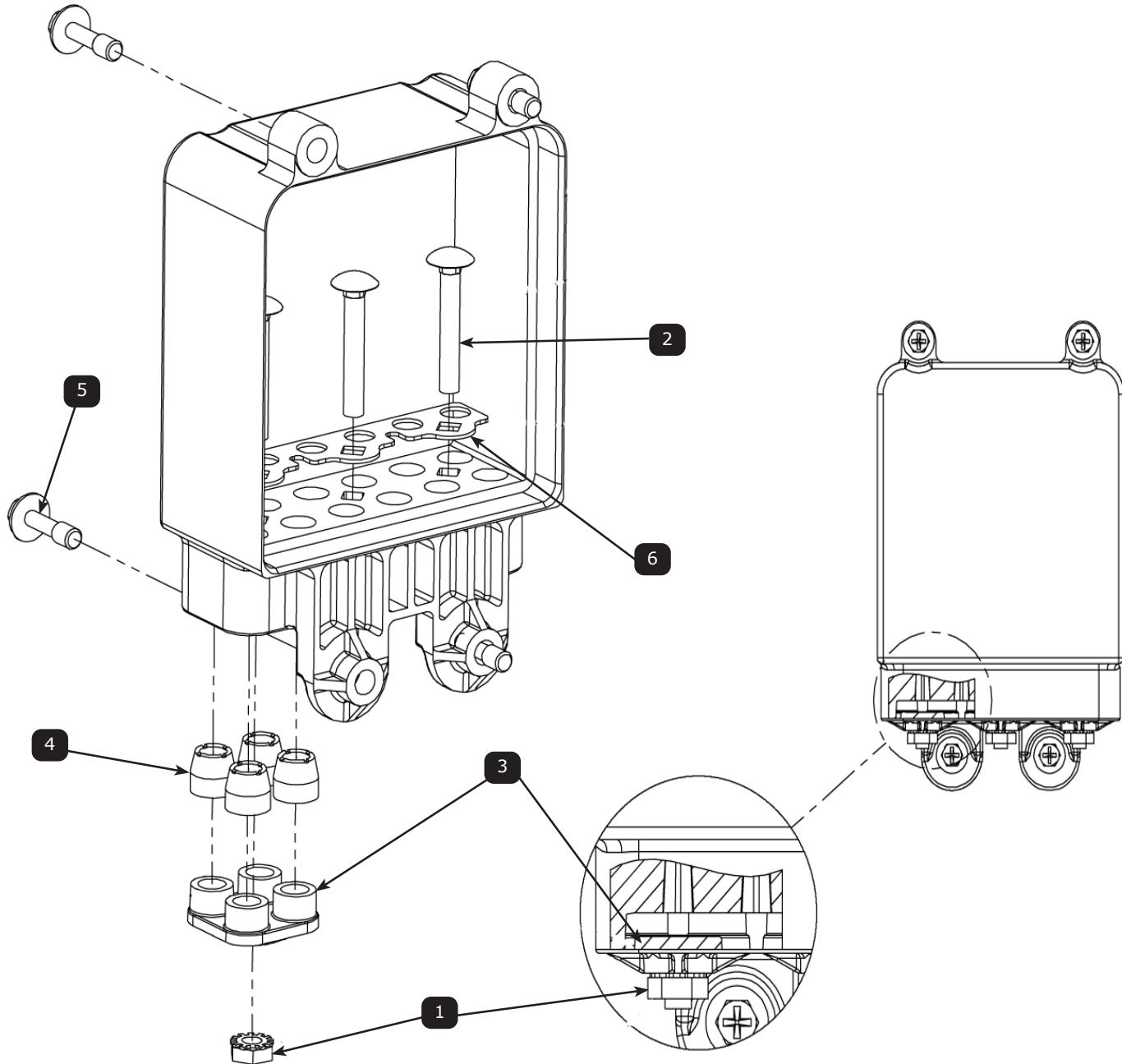
SECTION D PAGE 17
EFFECTIVE: 4/19/12



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|-----------------------------|---|-----------------------------------|
| | 3561791 | | Cover Assy, T-PT, Retro-Fit | 1791 |
| 1 | 3559327 | ⊗ | n/s Bracket, Hold Down, T-Point | 2 |
| 2 | 1914004 | | n/s Clamp, Cable, 3/4 DIA, ADH | 1 |
| 3 | 3559530 | | Control, TouchPoint | 1 |
| 4 | 3559326 | ⊗ | Bracket, Clamp, T-Point | 4 |
| 5 | 3559350 | | Mscr, Pnh, SS, MS x 6 | 4 |
| 6 | 8504215 | | Conn, Elbow, Push-in, 5/32 | 1 |
| 7 | 3559919 | | Back Cover Assy, TouchPoint | 1 |
| 8 | 3226414 | | Hose, Nyl, Yel, 5/32 OD x 500 | a/r |
| 9 | 3559883 | | Sleeving, Expandable, Polyester, .75 ID | a/r |
| 10 | 3561786 | | Cable Assy, Cyl/QuickStart, 10' | 1 |
| 11 | 3559777 | | Cable Assy, Pulsator, 72" | 1 |
| 12 | 3559785 | | Cable Assy, Prism-Sub, F, 72" | 1 |
| 13 | 3559784 | | Cable Assy, DC Power, F, 72" | 1 |
| 14 | 3559782 | | Connector Assy, Cap, M, 3-Pin | 1 |
| 15 | 3559203 | | Conn, Term Block, 4-Pin, 5MM | 1 |
| 16 | 3559205 | | Conn, Term Block, 6-Pin, 5MM | 1 |
| 17 | 3559718 | | Connector, Plug, VT, 4P x 5MM | 1 |
| 18 | 3559719 | | Connector, Plug, VT, 6P x 5MM | 1 |
| 19 | ----- | | Nut, Lock, Elas, SS, 10-24 | 6 |
| 20 | ----- | | Bolt, Crg, SS, 10-24 x 5/8 | 6 |

Back Cover Assembly, TouchPoint

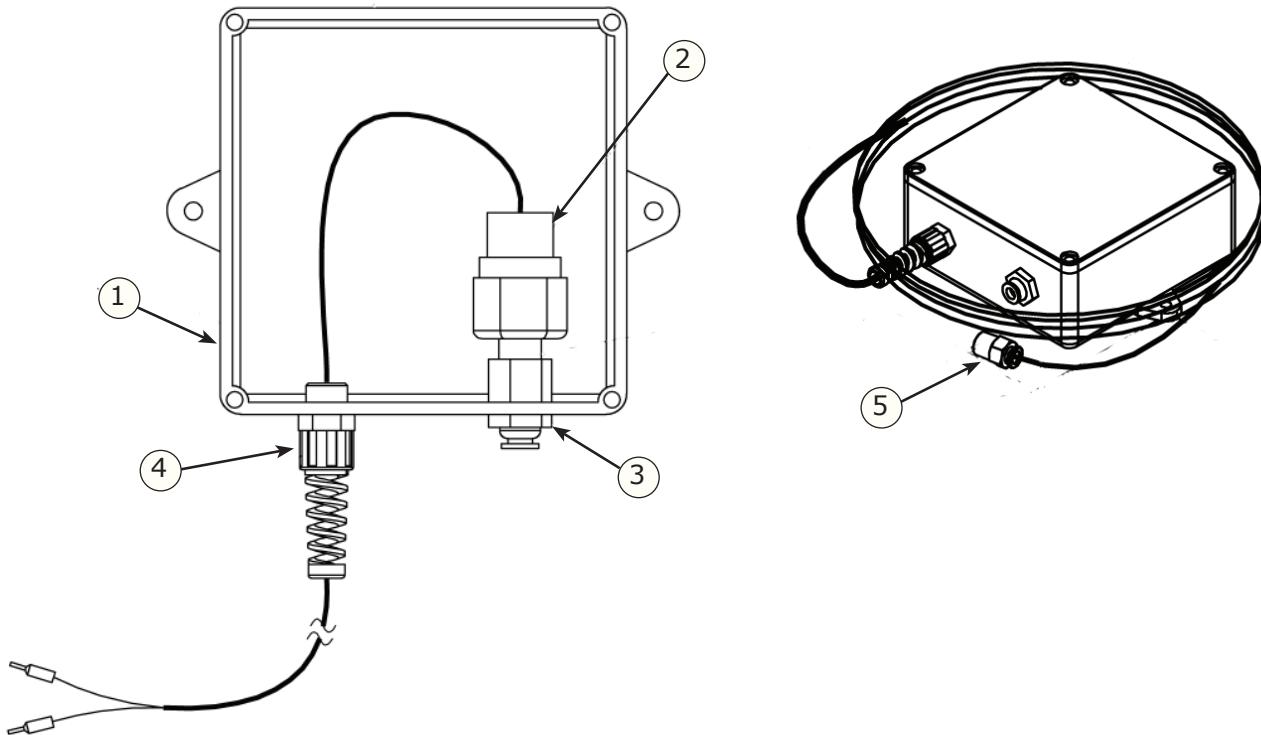
| ITEM | PART NO. | Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|---------------------------|-------------------------------------|-----------------------------------|
| | 3559919 | | Back Cover Assy, TouchPoint | 9919 |
| 1 | 1219379 | | Nut, Hex, Keps, SS, 10-24 | 3 |
| 2 | 1201206 | | Bolt, CRG, SS, 10-24 x 1.25 | 3 |
| 3 | 3559146 | | Plate, Compression, Str-Rlf | 3 |
| 4 | 3559147 | | Bushing, Cable, .265 Dia. | 12 |
| 5 | 3559531 | | Screw, Captive, HWH, SS, M5-.8 x 18 | 4 |
| 6 | 3559890 | | Plate, Backup, Str-Rlf | 1 |



Vacuum Switch for TouchPoint

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 19 |
| EFFECTIVE: 4/16/12 | |

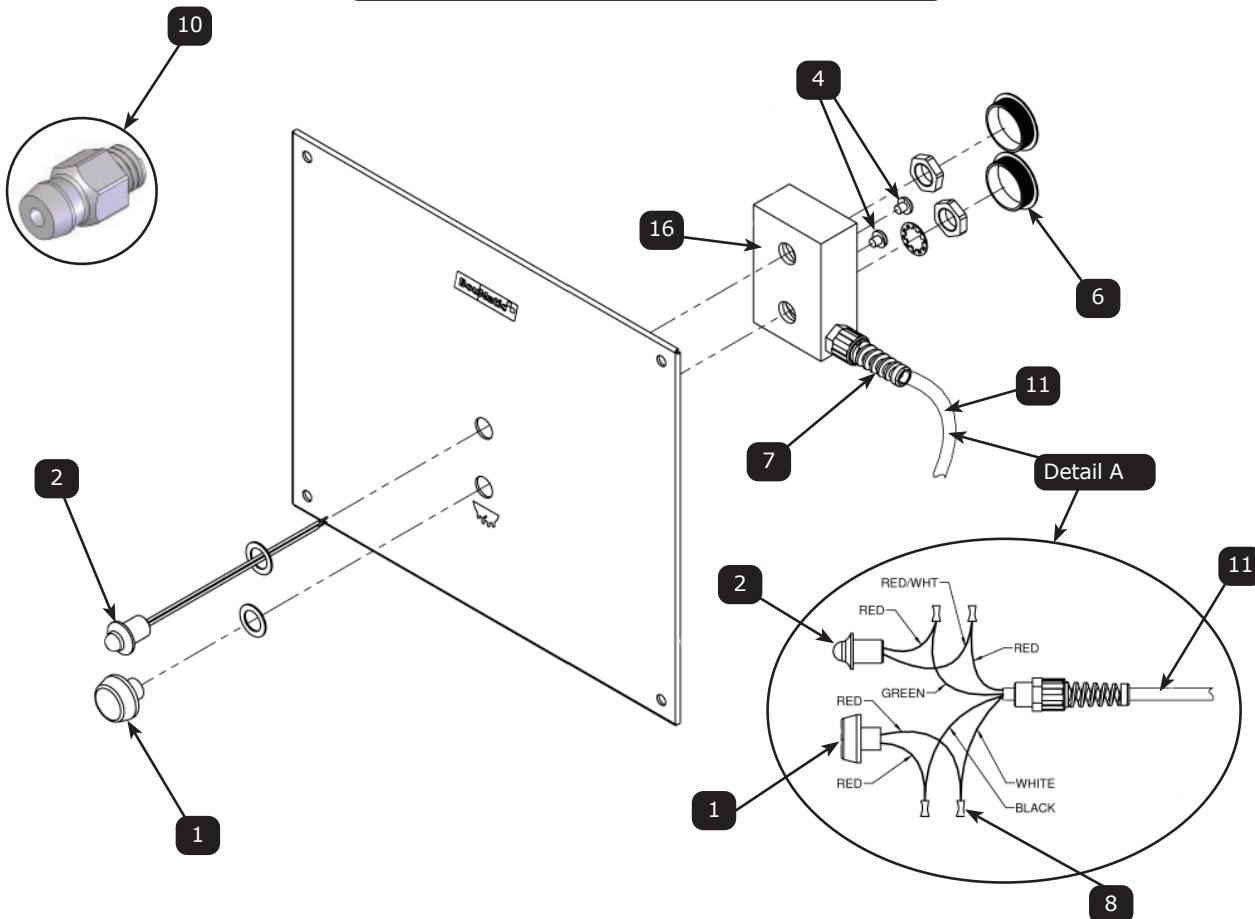
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|--|-----------------------------------|
| | 3559405 | Switch Assy, Vacuu., 5" HG, 1/4 NPT | 9405 |
| 1 | 3561962 | Enclosure, Vacuum Switch | 1 |
| 2 | 3561961 | Switch, Vacuum, 5" HG, 1/4 NPT | 1 |
| 3 | 3561964 | Conn, Push, BH, 1/4 x 1/4 FNPT | 1 |
| 4 | 1917572 | Conn, Str-Rlf, .20 - .27, 1/4 NPT | 1 |
| 5 | 8507100 | Conn, Push, 1/4 x 1/4 NPT | 1 |



ViewPoint Assembly, Xcalibur 360EX

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|----------|-----------------------------|-------------------------------------|-----------------------------------|------|------|
| | 3559759 | | Remote Att. Assy, w/POR Indicator | 9759 | | |
| | 3559760 | | Remote Att. Assy, w/o POR Indicator | | 9760 | |
| | 3561035 | ⊗ | Panel Assy, Xcal360, VPS, Air, 2SW | | | 1035 |
| | 3561535 | ⊗ | Panel Assy, Xcal360, VPS, Air, 2SW | | | 1535 |
| 1 | 3557988 | | Switch, Door, Detacher, SS | 1 | 1 | 2 |
| 2 | 3558005 | | LED Indicator Assy, Red, 6.0in. | 1 | 1 | 1 |
| 3 | 3558294 | | LED Indicator Assy, Red/Green | 1 | - | - |
| 4 | ----- | | MSCR, PNH, SS, 10-32 x 3/16 | 4 | 2 | 2 |
| 5 | ----- | | MSCR, PNH, SS, Sems, 4-40 x 5/16 | 1 | - | - |
| 6 | 3559728 | | Cap, Remote Attach, PG21 | 3 | 2 | 3 |
| 7 | 1917572 | | Conn, Str-Rlf, .20-.27, 1/4 NPT | 2 | 1 | 1 |
| 8 | 3559724 | | Conn, Splice, 22-18AWG | 4 | 4 | 5 |
| 9 | 3559725 | | Conn, Splice, 14-16AWG | 3 | - | 1 |
| 10 | 3558019 | ⊗ n/s | Fitting, Grease, 10-32 | a/r | a/r | a/r |
| | 3562545 | | Fitting, Grease, 10-32 | a/r | a/r | a/r |
| 11 | 3560947 | | Cable Assy, LED & 2SW, 19in. | 1 | 1 | 1 |
| 12 | 3558018 | n/s | Lubricant Grease, 14oz | a/r | a/r | a/r |
| 13 | ----- | n/s | CSCR, Bth, SS, M6-1.0 x 16 | 4 | 4 | 4 |
| 14 | ----- | | Wire, Strd, 22AWG, Black | - | - | .5 |
| 15 | 3560098 | | Cable Assy, POR Indicator, 12in. | 1 | - | - |
| 16 | 3561015 | | Enclosure, Switch, LED | 1 | 1 | - |

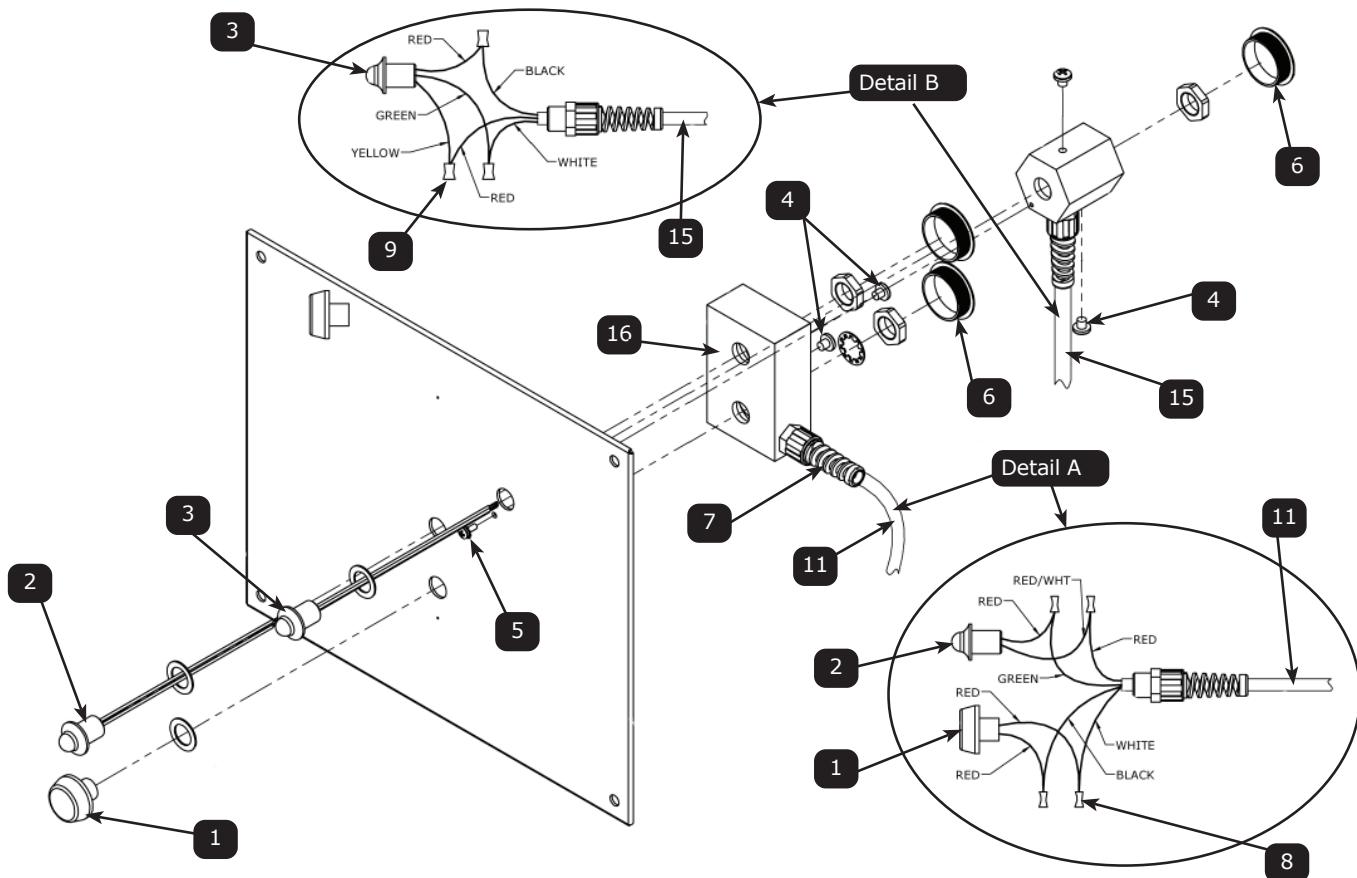
3559760 - Remove Attach. Assy, w/o Pulsator Indicator



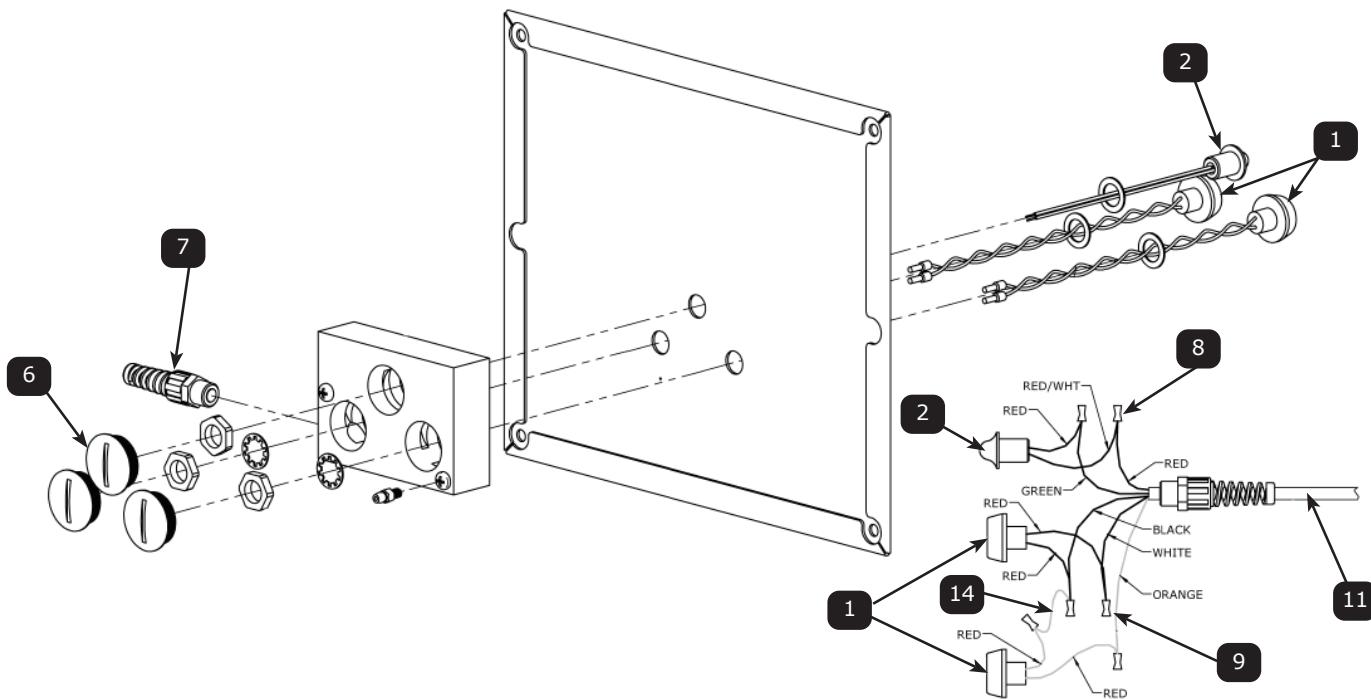
ViewPoint Assembly, Xcalibur 360EX (cont.)

SECTION D PAGE 21
EFFECTIVE: 7/17/23

3559759 - Remove Attach. Assy, w/Pulsator Indicator (part numbers listed page D20)

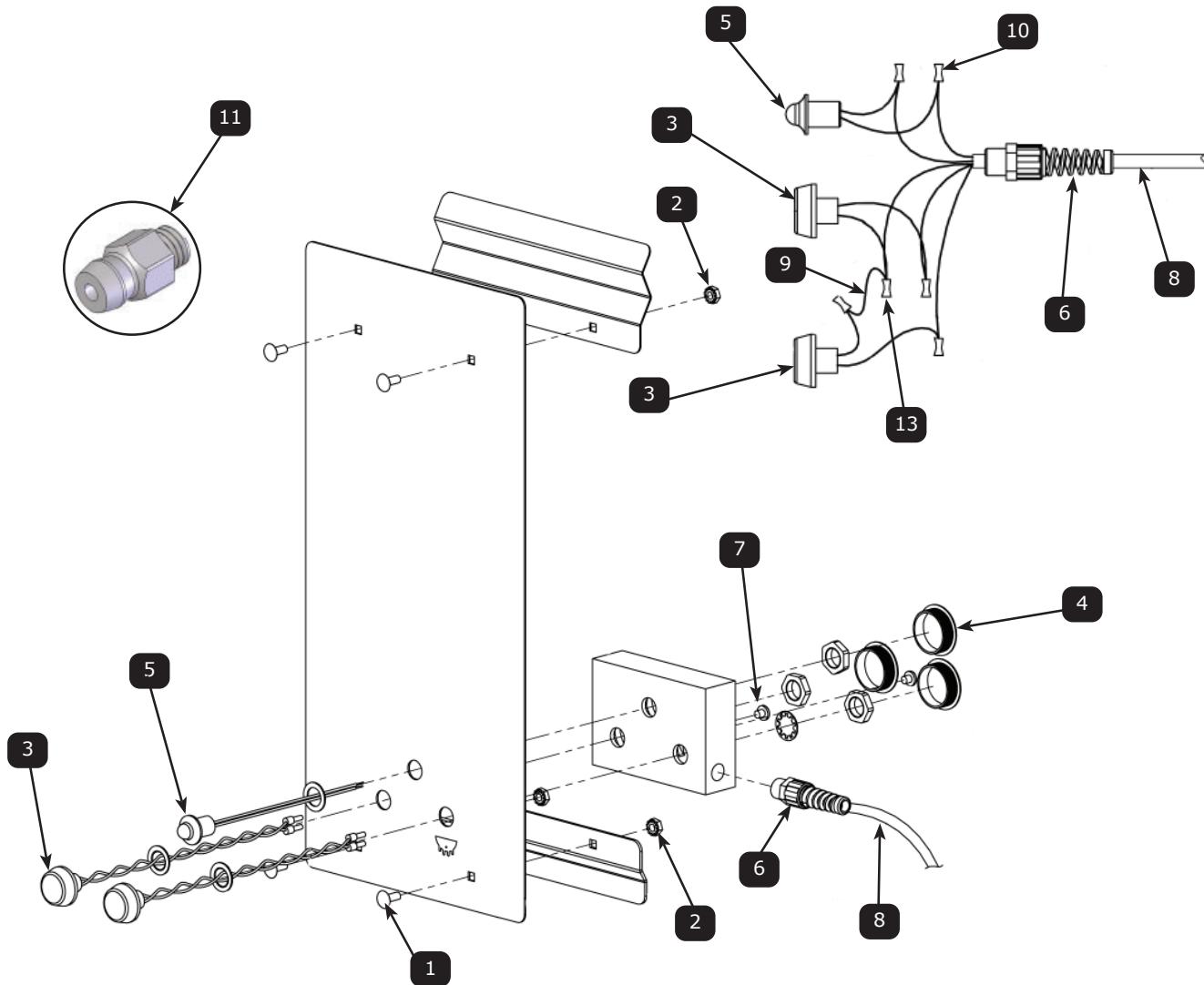


3561035 - Panel Assy, Xcal360, VPS, Air, 2SW (part numbers listed page D20)



ViewPoint Assembly, Xpedia 360EX

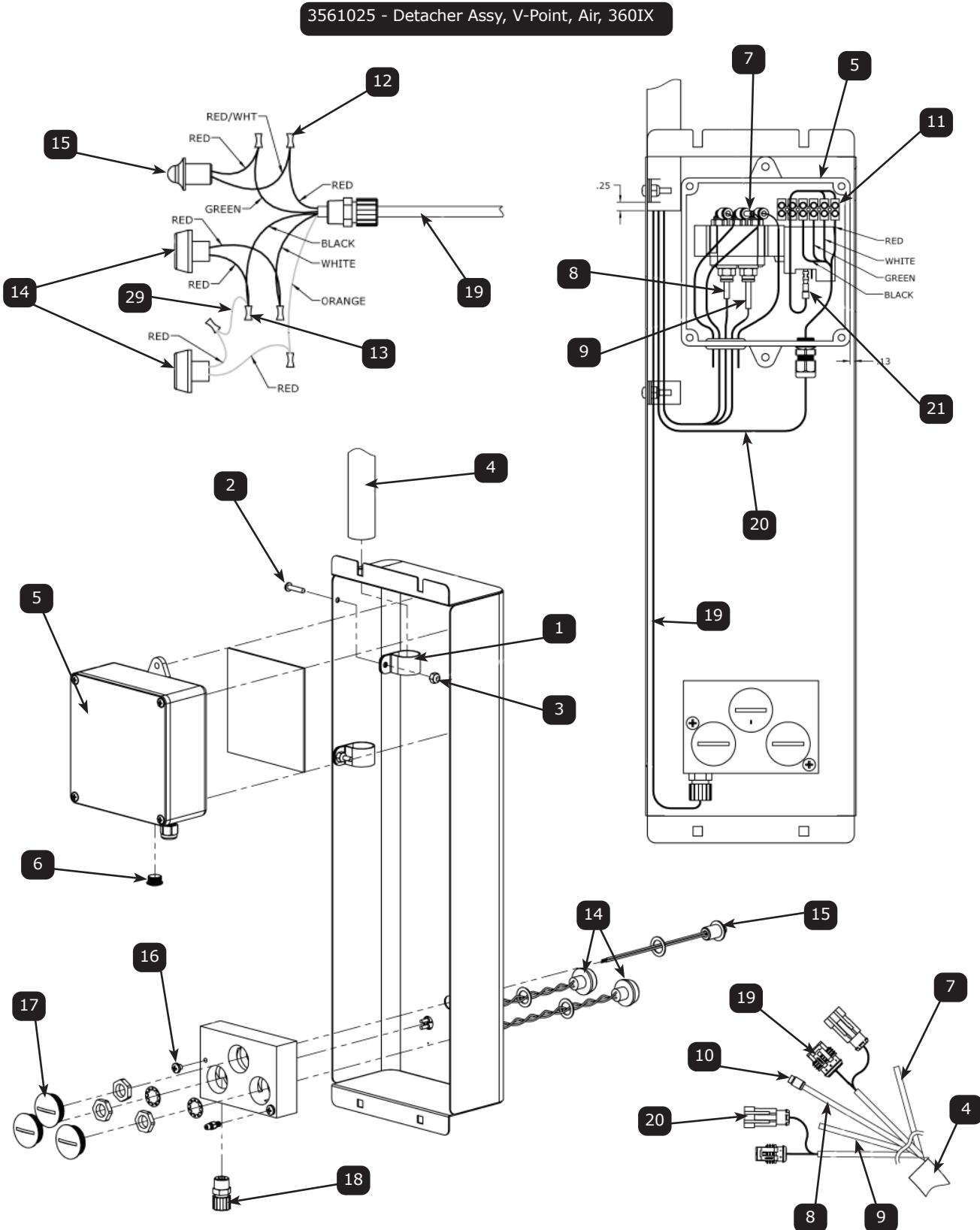
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------|-----------------------------|--------------------------------------|-----------------------------------|-----|
| | 3560957 | ⊗ | Panel Assy, Xpedia 360EX, V-Pnt, 2SW | 0957 | |
| | 3561017 | | Panel Assy, Xpedia 360EX, V-Pnt, 1SW | 1017 | |
| 1 | ----- | | Bolt, CRG, SS, 10-24 x 1/2 | 4 | 4 |
| 2 | ----- | | Nut, Hex, Keps, SS, 10-24 | 4 | 4 |
| 3 | 3557988 | | Switch, Door, Detacher, SS | 2 | 1 |
| 4 | 3559728 | | Cap, Remote Attach, PG21 | 3 | 2 |
| 5 | 3558005 | | LED Indicator Assy, Red, 6.0in. | 1 | 1 |
| 6 | 1917572 | | Conn, Str-Rif, .20-.27, 1/4 NPT | 1 | 1 |
| 7 | ----- | | MSCR, PNH, SS, 10-32 x 3/16 | 2 | 2 |
| 8 | 3560947 | | Cable Assy, LED & 2 Switches, 19in. | 1 | 1 |
| 9 | 1996709 | | Wire, Strd, 22 SWG, Black | .50 | - |
| 10 | 3559724 | | Connector, Splice .22 - 18AWG | 5 | 4 |
| 11 | 3558019 | ⊗ | Fitting Grease, 10-32 | a/r | a/r |
| | 3562545 | | Fitting Grease, 10-32 | a/r | a/r |
| 12 | 3558018 | n/s | Lubricant Grease, 14 oz. | a/r | a/r |
| 13 | 3559725 | | Connector, Splice, 14-16 AWG | 1 | - |



ViewPoint Assembly, Xpedia 360IX

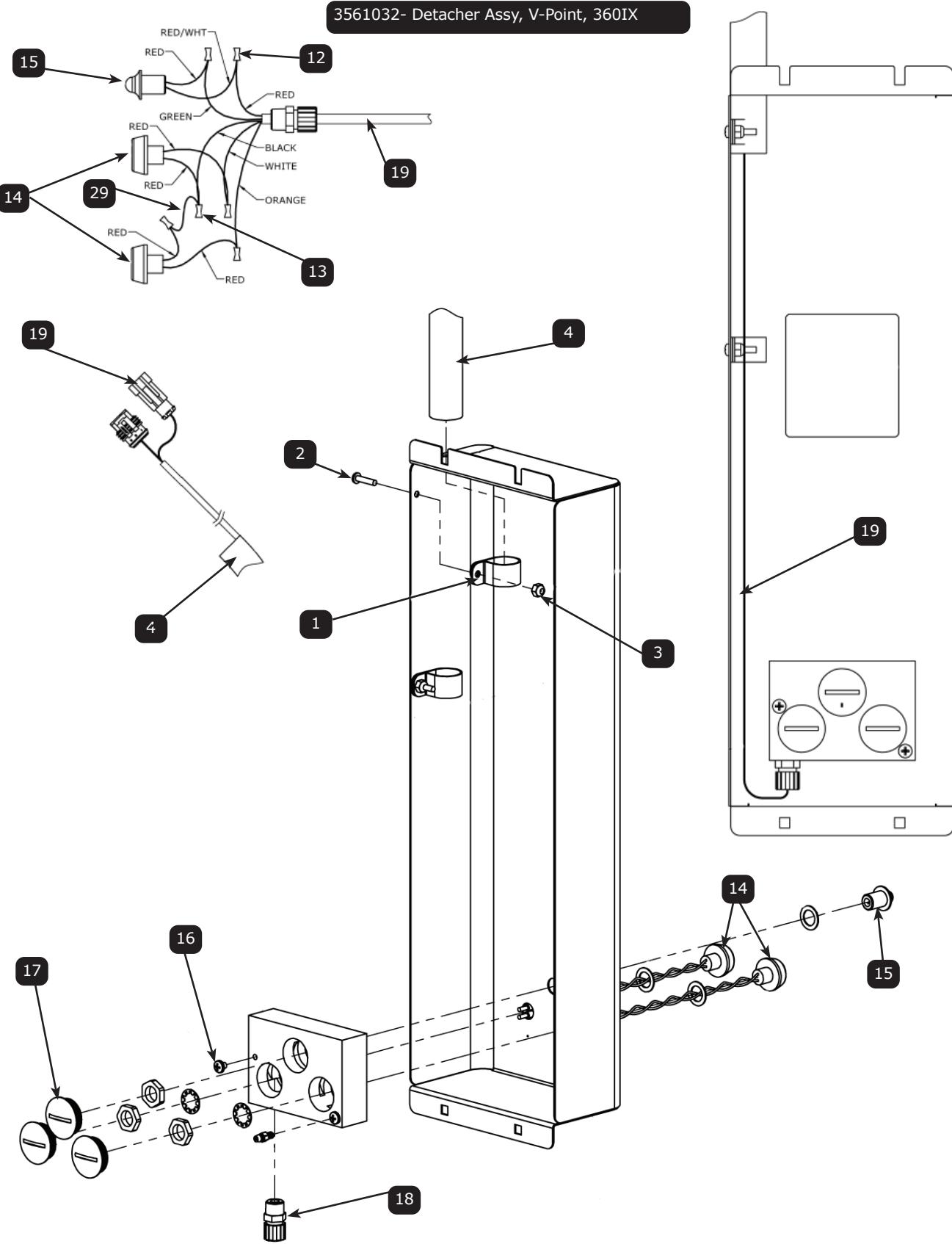
| | |
|-----------------------|-------------------|
| SECTION D | PAGE 23 |
| EFFECTIVE: 3/26/11 | |

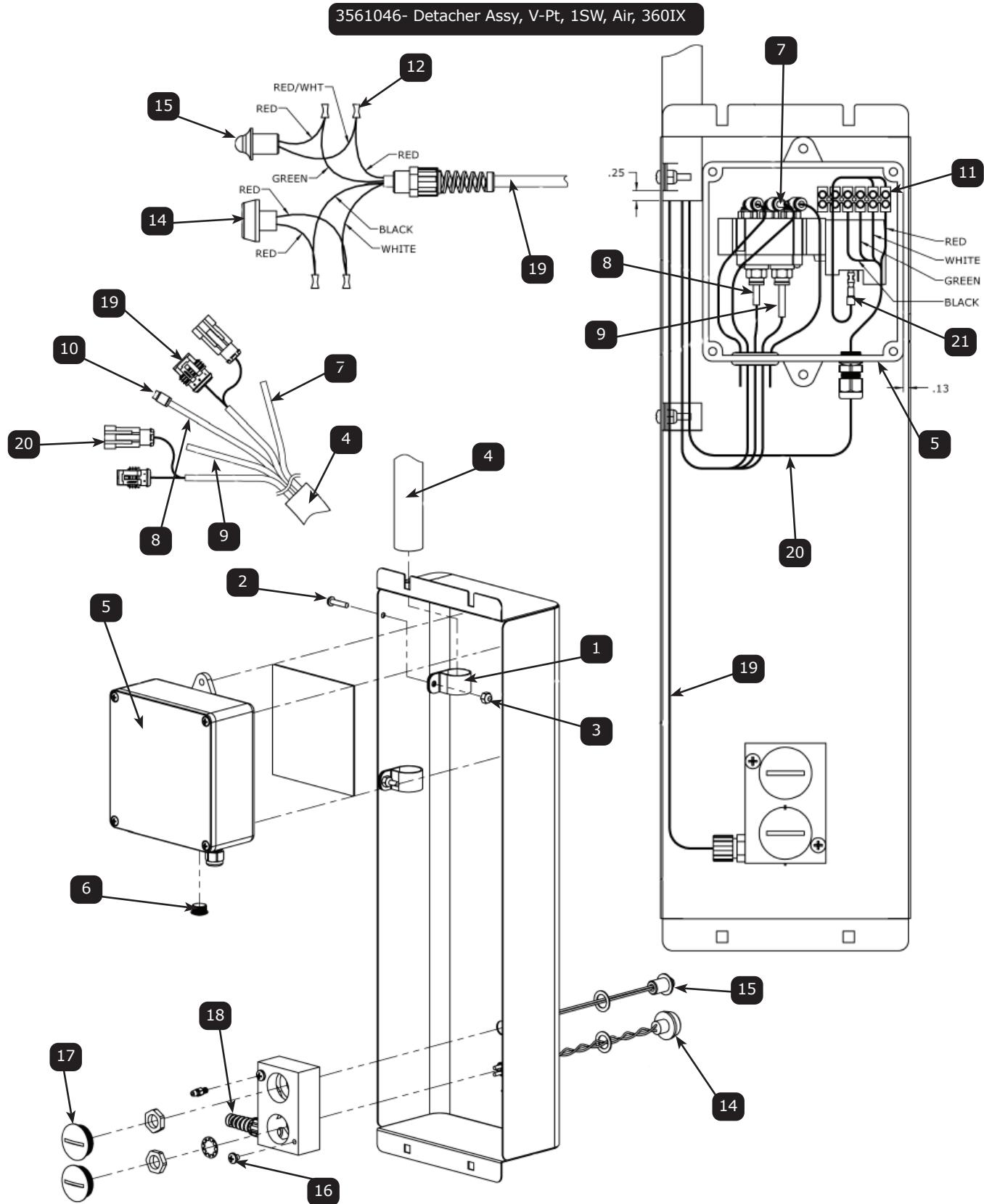
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------|-----------------------------|---|-----------------------------------|------|------|------|
| | | | | 1025 | 1032 | 1046 | 1048 |
| | 3561025 | ⊗ | Detacher Assy, V-Point, Air, 360IX | 1025 | | | |
| | 3561032 | ⊗ | Detacher Assy, V-Point, 360IX | | 1032 | | |
| | 3561046 | | Detacher Assy, V-Pt, 1SW, Air, 360IX | | | 1046 | |
| | 3561048 | | Detacher Assy, V-Pt, 1SW, 360IX | | | | 1048 |
| 1 | 1979219 | | Clamp, Cable, 7/8 in. ID x 1/2 | 2 | 2 | 2 | 2 |
| 2 | ----- | | MSCR, PNH, SS, 8-32 x 3/4 | 2 | 2 | 2 | 2 |
| 3 | ----- | | Nut, Lock, Elas, SS, 8-32 | 2 | 2 | 2 | 2 |
| 4 | 3559926 | | Tube, Vinyl, 1.00 OD x .75 ID | a/r | a/r | a/r | a/r |
| 5 | 3560105 | | Enclosure Assy, Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown) | 1 | - | 1 | - |
| 6 | 3560493 | | Plug, Dome, PG7 | 1 | - | 1 | - |
| 7 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500ft | a/r | - | a/r | - |
| 8 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500ft | a/r | - | a/r | - |
| 9 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500ft | a/r | - | a/r | - |
| 10 | 3560988 | | Plug, Push, Female, 5/32 in. | 1 | - | 1 | - |
| 11 | 1917628 | | Connector, Term, Strip, 6-Pos | 1 | - | 1 | - |
| 12 | 3559724 | | Connector, Splice, 22-18AWG | 5 | 5 | 4 | 4 |
| 13 | 3559725 | | Connector, Splice, 14-16AWG | 1 | 1 | - | - |
| 14 | 3557988 | | Switch, Door, Detacher, S | 2 | 2 | 1 | 1 |
| 15 | 3558005 | | LED Indicator Assy, Red, 6.0in. | 1 | 1 | 1 | 1 |
| 16 | ----- | | MSCR, PNH, SS, 10-32 x 3/16 | 2 | 2 | 2 | 2 |
| 17 | 3559728 | | Cap, Remote Attach, PG21 | 3 | 3 | 2 | 2 |
| 18 | 1917571 | | Conn, Str-Rlf, .20-.27, 1/4 NPT | 1 | 1 | 1 | 1 |
| 19 | 3561022 | | Cable Assy, LED & 2-SW, 26ft | 1 | 1 | 1 | 1 |
| 20 | 3561019 | | Cable Assy, Cyl/Quickstart, 25ft | 1 | - | 1 | - |
| 21 | 3561031 | | Cable Assy, V-Pt, Sol Valve, 360IX | 1 | - | 1 | - |
| 22 | 3562545 | | Fitting, Grease, 10-32 | a/r | a/r | a/r | a/r |
| 23 | 3560743 | n/s | Conn, Push, Tee, 5/32 x 1/4 NPT | 1 | - | 1 | - |
| 24 | 3554451 | n/s | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 1 | - | 1 | - |
| 25 | ----- | n/s | Bolt, CRG, SS, 1/4-20 x 5/8 | 4 | 4 | 4 | 4 |
| 26 | ----- | n/s | Nut, Hex, Flange, LCK, 1/4-20, SS | 4 | 4 | 4 | 4 |
| 27 | ----- | n/s | Nut, Cap, SS, 1/4-20 | 4 | 4 | 4 | 4 |
| 28 | 3558018 | n/s | Lubricant, Grease, 1402 | a/r | a/r | a/r | a/r |
| 29 | ----- | | Wire, Strd, 22AWG, Black | .5 | .5 | - | - |

ViewPoint Assembly, Xpedia 360IX

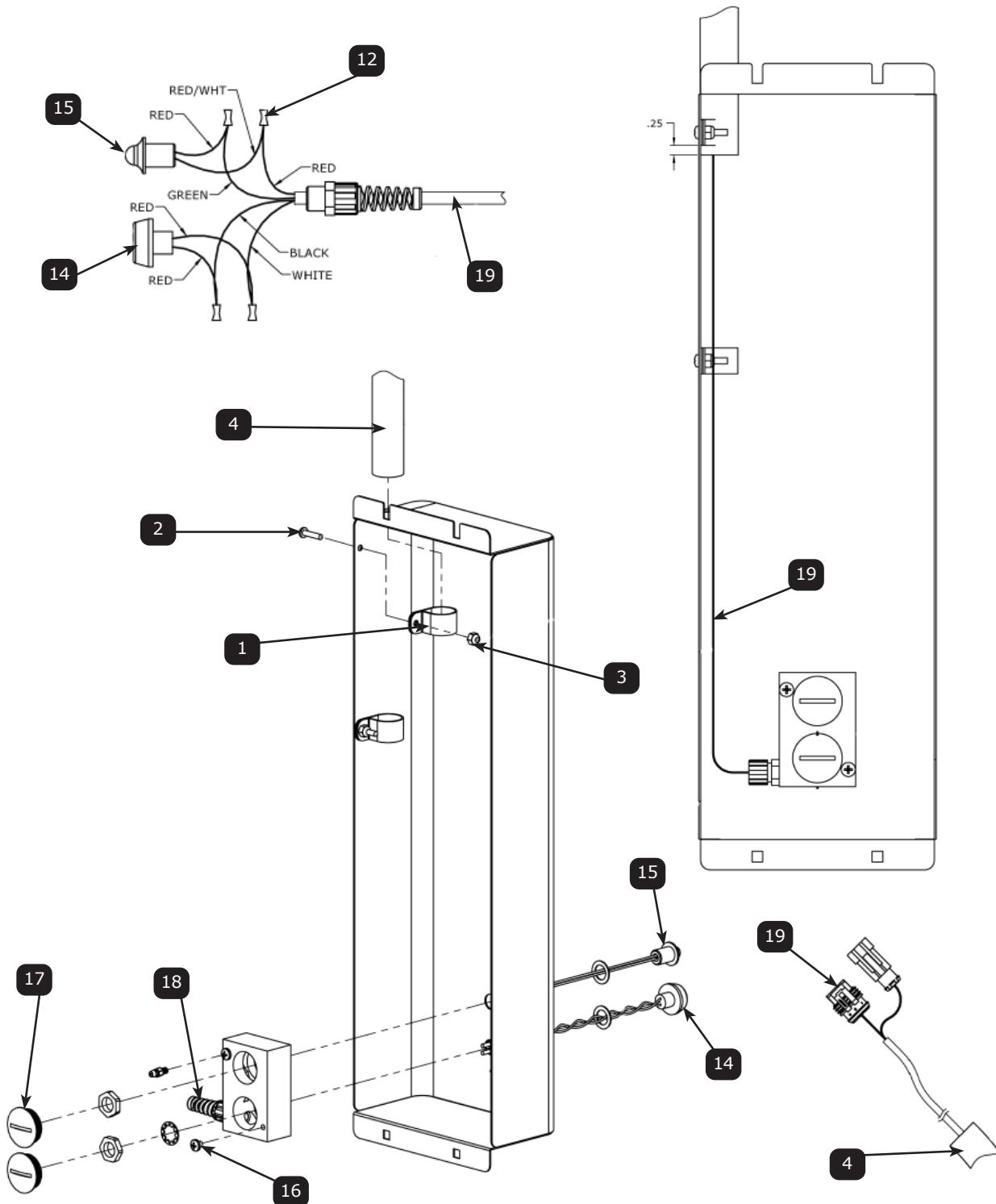
ViewPoint Assembly, Xpedia 360IX

**SECTION D PAGE 25
EFFECTIVE: 4/2/12**



ViewPoint Assembly, Xpedia 360IX

3561048- Detacher Assy, V-Pt, 1SW, 360IX



**ViewPoint Assembly, Xcalibur 90RX/LX, Xpedia
90RX/TX & Xpressway Supreme 2 & 3 Stall**

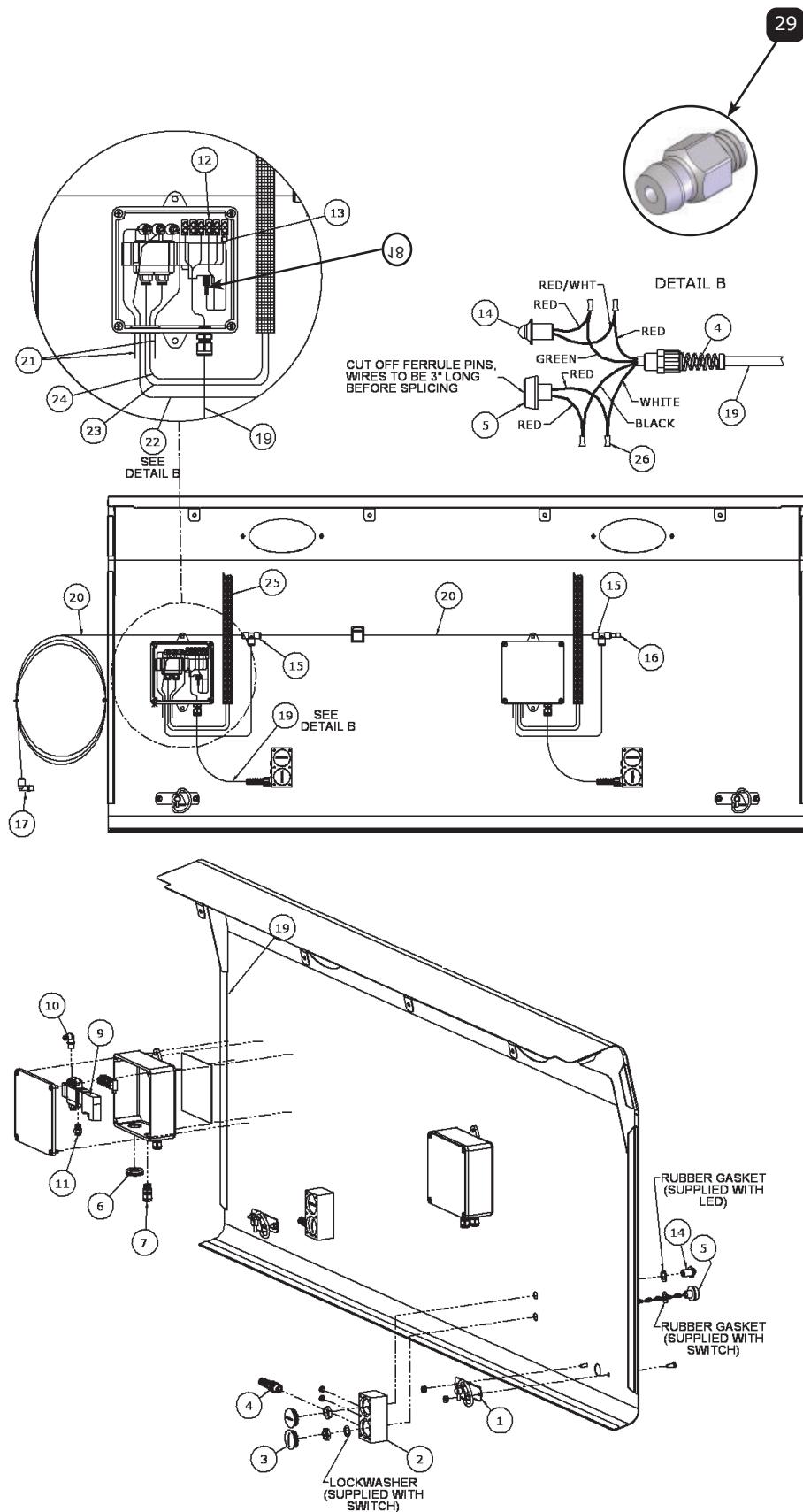
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | |
|---------|----------------------|-----------------------------|--------------------------------------|-----------------------------------|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | |
| 3559776 | | | Cover Assy, 2-Cow, Rd, V-Pt, Air | 776 | | | | | | |
| 3559766 | | | Cover Assy, 2-Cow, Sq, V-Pt, Air | 766 | | | | | | |
| 3559774 | | | Cover Assy, 3-Cow, Rd, V-Pt, Air | 774 | | | | | | |
| 3559768 | | | Cover Assy, 3-Cow, Sq, V-Pt, Air | 768 | | | | | | |
| 3559796 | ⊗ | | Cover Assy, 2-Cow, Rd, V-Pt, n/Vlv | 796 | | | | | | |
| 3559770 | ⊗ | | Cover Assy, 2-Cow, Sq, V-Pt, n/Vlv | 770 | | | | | | |
| 3559762 | ⊗ | | Cover Assy, 3-Cow, Rd, V-Pt, n/Vlv | 762 | | | | | | |
| 3559772 | ⊗ | | Cover Assy, 3-Cow, Sq, V-Pt, n/Vlv | 772 | | | | | | |
| 1 | 8513405 | | Latch, Housing, No. 57 | 2 | - | 2 | - | 2 | - | 2 |
| 2 | 3559723 | | Enclosure, Switch/LED | 2 | 2 | 3 | 3 | 2 | 2 | 3 |
| 3 | 3559728 | | Cap, Remote Attach, PG21 | 4 | 4 | 6 | 6 | 4 | 4 | 6 |
| 4 | 1917572 | | Conn, Str-Rlf, .20-.27, 1/4 NPT | 2 | 2 | 3 | 3 | 2 | 2 | 3 |
| 5 | 3557988 | | Switch, Door, Detacher, SS | 2 | 2 | 3 | 3 | 2 | 2 | 3 |
| 6 | 3556157 | | Grommet, Multiple, 5/32 | 2 | 2 | 3 | 3 | - | - | - |
| 7 | 1917500 | | Conn, Str-Rlf, .11-.25, PG7 | 4 | 4 | 6 | 6 | - | - | - |
| 8 | 1917533 | n/s | Conn, Str-Rlf, .20-.35, 1/2 NPT | - | - | - | - | 2 | 2 | 3 |
| 9 | 3559301 | | Valve, 4-Way, Air, Low Power | 2 | 2 | 3 | 3 | - | - | - |
| 10 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 6 | 6 | 9 | 9 | - | - | - |
| 11 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 4 | 4 | 6 | 6 | - | - | - |
| 12 | 1917628 | | Connector, Term Strip, 6-Pos | 2 | 2 | 3 | 3 | 2 | 2 | 3 |
| 13 | 1916643 | | Connector, Pin, Dual, 20Ga, Ferrule | 2 | 2 | 3 | 3 | - | - | - |
| 14 | 3558005 | | LED Indicator Assy, Red, 6.0" | 2 | 2 | 3 | 3 | 2 | 2 | 3 |
| 15 | 3558635 | | Conn, Push, Tee, 1/4 X 5/32 | 2 | 2 | 3 | 3 | - | - | - |
| 16 | 8515588 | | Conn, Push, Plug, 1/4 | 1 | 1 | 1 | 1 | - | - | - |
| 17 | 3554085 | | Conn, Swl, Elb, 1/4 OD x 1/8 NPT | 1 | 1 | 1 | 1 | - | - | - |
| 18 | 3559869 | | Cable Assy, V-Point, Sol Valve | 2 | 2 | 3 | 3 | - | - | - |
| 19 | 3559870 | | Cable Assy, V-Point, LED/Switch | 2 | 2 | 3 | 3 | 2 | 2 | 3 |
| 20 | 3559885 | | Hose, Nyl, Nat, 1/4 OD x 500 Ft | a/r | a/r | a/r | a/r | - | - | - |
| 21 | 3556248 | | Hose, Nyl, Blk, 5/32 OD x 500 Ft | a/r | a/r | a/r | a/r | - | - | - |
| 22 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 Ft | a/r | a/r | a/r | a/r | - | - | - |
| 23 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500 Ft | a/r | a/r | a/r | a/r | - | - | - |
| 24 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500 Ft | a/r | a/r | a/r | a/r | - | - | - |
| 25 | 3559883 | | Sleeve, Expanding, Polyest, .75ID | a/r | a/r | a/r | a/r | - | - | - |
| 26 | 3559724 | | Conn, Splice, 22-18AWG | 8 | 8 | 12 | 12 | 8 | 8 | 12 |
| 27 | 3560741 | ⊗ n/s | Cable Assy, Cyl/Quickstart, 9 ft. | - | - | - | - | 2 | 2 | 3 |
| | 3561014 | n/s | Cable Assy, M/F, 120" | - | - | - | - | 2 | 2 | 3 |
| 28 | 3558018 ¹ | n/s | Lubricant, Grease, 14oz | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 29 | 3558019 ¹ | ⊗ n/s | Fitting, Grease, 10-32 | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| | 3562545 | | Fitting, Grease, 10-32 | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 30 | 3559858 | n/s | Conn, Str-Rlf, 2-Post, 24-1/2 NPT | - | - | - | - | 2 | 2 | 3 |
| 31 | 1916630 | n/s | Connector, Pin, Dual, 18 ga, Ferrule | - | - | - | - | 2 | - | 3 |

Note:

- Grease and fitting used to fill item 2 (Switch/LED Enclosure) after switch or LED replacement.

**ViewPoint Assembly, Xcalibur 90RX/LX, Xpedia
90RX/TX & Xpressway Supreme 2 & 3 Stall**

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 29 |
| EFFECTIVE: 3/16/11 | |



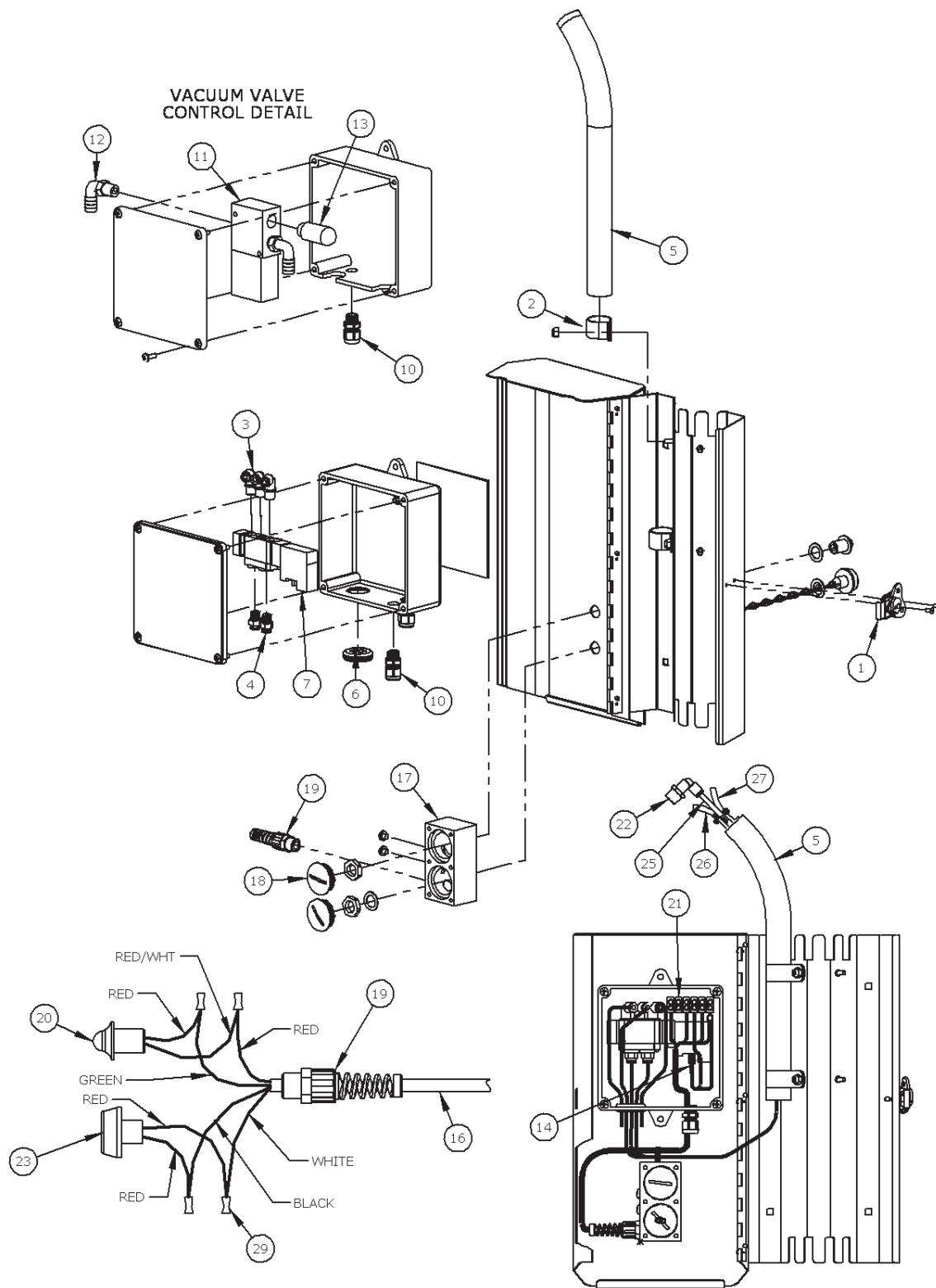
ViewPoint Assembly, Stand-Alone

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|------|----------------|-----------------------------|------------------------------------|-----------------------------------|-----|-----|
| | | | | 795 | 843 | 797 |
| | 3559795 | | Detacher Assy, VPS, Air | | | |
| | 3559843 | | Detacher Assy, VPS, Vac | | | |
| | 3559797 | | Detacher Assy, VPS, No Valves | | | |
| 1 | 8515269 | | Fastener, Link-Lock | 2 | 2 | 2 |
| | 8595442 1 | | Latch,SS,Adjustable | 2 | 2 | 2 |
| 2 | 1979220 | | Clamp, Cable, 1" ID x 1/2 | 2 | 4 | 2 |
| 3 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 3 | - | - |
| 4 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 2 | - | - |
| 5 | 3559926 | | Tube, Vinyl, 1.00 OD x .75 ID | a/r | a/r | a/r |
| 6 | 3556157 | | Grommet, Multiple, 5/32 | 1 | - | - |
| 7 | 3559301 | | Valve, 4-Way, Air, 24V, 1/4W | 1 | - | - |
| 8 | 1917533 | n/s | Conn. Str-Rlf, .20-.35, 1/2 NPT | - | - | 1 |
| 9 | 3560127 | ⊗ n/s | Cable Assy, Cyl/Quickstart | 1 | 1 | 1 |
| 10 | 1917500 | | Conn. Str-Rlf, .11-.25, PG7 | 2 | 1 | - |
| 11 | 3559533 | | Valve, Vac, 1/4 NPT, 2.8W | - | 1 | - |
| 12 | 3553790 | | Elbow, 90, Nyl, 1/4 NPT x 3/8 Hose | - | 2 | - |
| 13 | 8551136 | | Muffler, Filter, 1/4 NPT | - | 1 | - |
| 14 | 3559869 | | Cable Assy, V-Point, Sol Valve | 1 | - | - |
| 15 | 3559881 | n/s | Cable Assy, V-Pt, Sol Valve, 10' | - | - | 1 |
| 16 | 3559870 | | Cable Assy, V-Point, LED/Switch | 1 | 1 | 1 |
| 17 | 3561015 | | Enclosure, Switch/LED | 1 | 1 | 1 |
| 18 | 3559728 | | Cap, Remote Attach, PG21 | 2 | 2 | 2 |
| 19 | 1917572 | | Conn. Str-Rlf, .20-.27, 1/4 NPT | 1 | 1 | 1 |
| 20 | 3558005 | | LED Indicator Assy, Red, 6.0" | 1 | 1 | 1 |
| 21 | 1917628 | | Connector, Term Strip, 6-Pos | 1 | 1 | 1 |
| 22 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 1 | - | - |
| 23 | 3557988 | | Switch, Door, Detacher, SS | 1 | 1 | 1 |
| 24 | 3556248 | n/s | Hose, Nyl, Blk, 5/32 OD x 500 Ft | a/r | - | - |
| 25 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 Ft | a/r | - | - |
| 26 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500 Ft | a/r | - | - |
| 27 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500 Ft | a/r | - | - |
| 28 | 8506805 | n/s | HOSE,VINYL,,38 X .125W,BLK/WHT | - | a/r | - |
| 29 | 3559724 | | Conn, Splice, 22-18AWG | 4 | 4 | 4 |

Note: 1. Since October 2020.

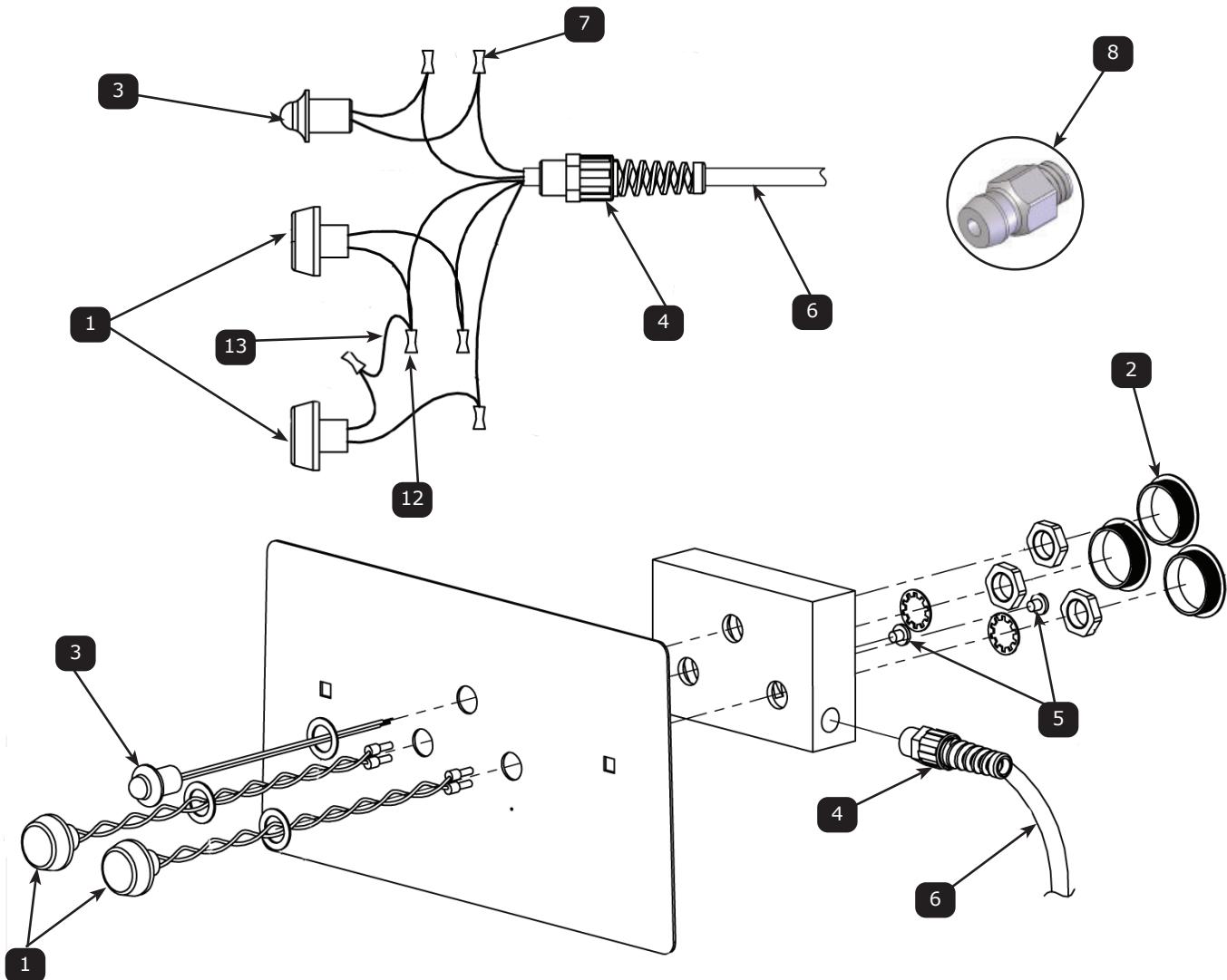
ViewPoint Assembly, Stand-Alone

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 31 |
| EFFECTIVE: 3/22/11 | |



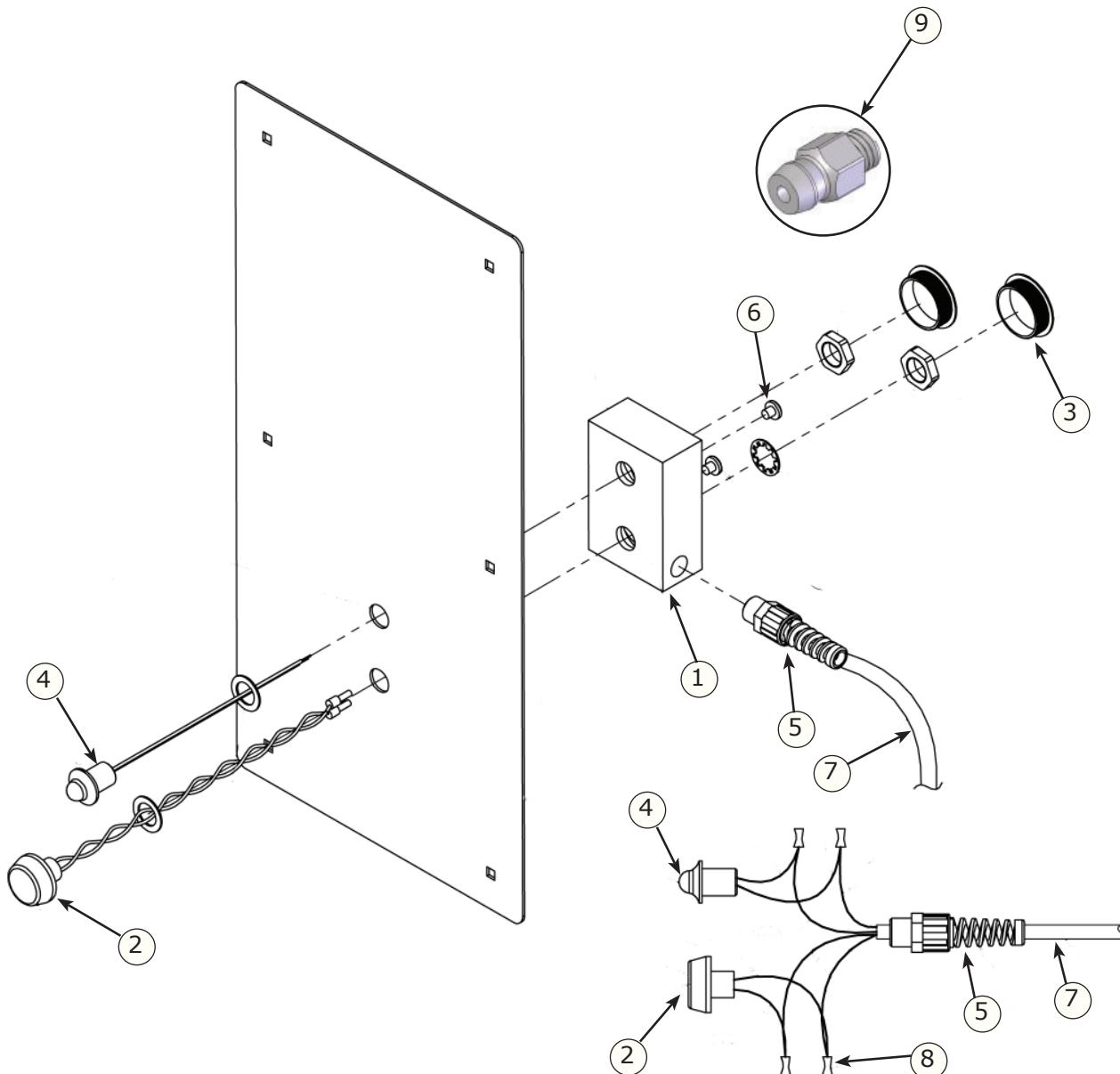
ViewPoint Assembly, Xcalibur Streamline 360EX

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|-----------------------------|--------------------------------------|-----------------------------------|
| | 3561026 | | Panel Assy, Xpedia 360EX, V-Pnt, 1SW | 1026 |
| | 3561028 | ⊗ | Panel Assy, Xpedia 360EX, V-Pnt, 2SW | 1028 |
| 1 | 3557988 | | Switch, Door, Detacher, SS | 1 2 |
| 2 | 3559728 | | Cap, Remote Attach, PG21 | 2 3 |
| 3 | 3558005 | | LED Indicator Assy, Red, 6.0in. | 1 1 |
| 4 | 1917572 | | Conn, Str-Rlf, .20-.27, 1/4 NPT | 1 1 |
| 5 | ----- | | MSCR, PNH, SS, 10-32 x 3/16 | 2 2 |
| 6 | 3560947 | | Cable Assy, LED & 2 Switches, 19in. | 1 1 |
| 7 | 3559724 | | Connector, Splice 22-18AWG | 4 5 |
| 8 | 3558019 | ⊗ n/s | Fitting, Grease, 10-32 | a/r a/r |
| | 3562545 | | Fitting, Grease, 10-32 | a/r a/r |
| 9 | 3558018 | n/s | Lubricant, Grease, 14 oz. | a/r a/r |
| 10 | ----- | n/s | Nut, Hex, Flange, Lck, 1/4-20, SS | 2 2 |
| 11 | ----- | n/s | Bolt, CRG, SS, 1/4-20 x 1/2 | 2 2 |
| 12 | 3559725 | | Connector, Splice, 14-18AWG | - 1 |
| 13 | ----- | | Wire, Strd, 22AWG, Black | - .5 |



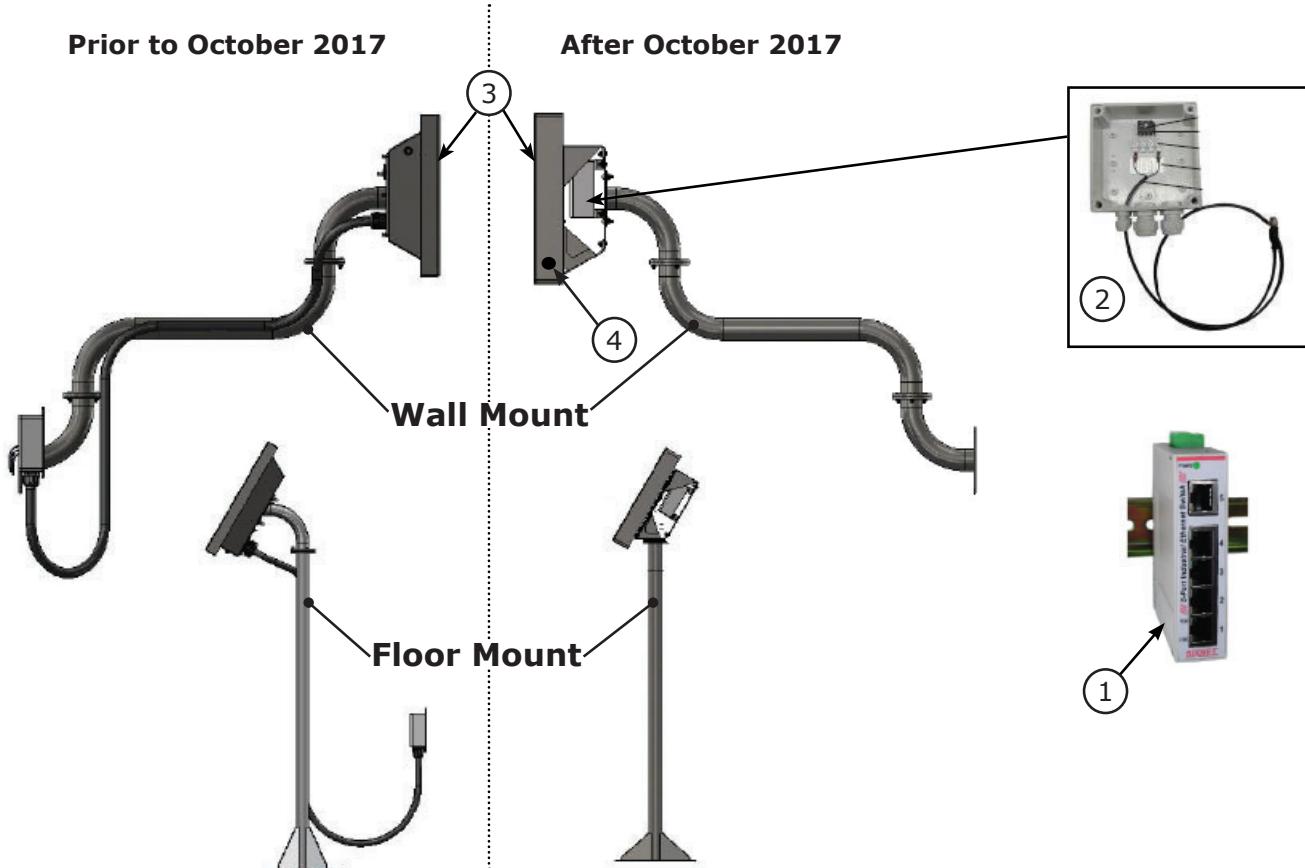
ViewPoint Assembly & Retrofit

SECTION
D
EFFECTIVE:
PAGE
33
3/1/17



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|----------|-----------------------------|---------------------------------|-----------------------------------|-----|-----|
| | 3561782 | | Panel Assy, V-Pnt, 6 x 12 | 1782 | | |
| | 3561783 | | Panel Assy, V-Pnt, 8 x 16 | 1783 | | |
| | 3561795 | | V-Point Assy, Retro-Fit | 1795 | | |
| 1 | 3561015 | | Enclosure, Switch/LED | 1 | 1 | 1 |
| 2 | 3557988 | | Switch, Door Detacher, SS | 1 | 1 | 1 |
| 3 | 3559728 | | Cap, Remote Attach, PG21 | 2 | 2 | 2 |
| 4 | 3558005 | | LED Indicator Assy, Red, 6.0" | 1 | 1 | 1 |
| 5 | 1917572 | | Conn, Str-Rlf, .20-.27, 1/3 NPT | 1 | 1 | 1 |
| 6 | ----- | | Mscr, Pnh, SS, 10-32 x 3/16 | 2 | 2 | 2 |
| 7 | 3561781 | | Cable Assy, V-Pnt, LED/SW, 72" | 1 | 1 | 1 |
| 8 | 3559724 | | Connector, Splice, 22-1BAWG | 4 | 4 | 4 |
| 9 | 3558019 | ⊗ | Fitting, Grease, 10-32 | a/r | a/r | 1 |
| | 3562545 | | Fitting, Grease, 10-32 | a/r | a/r | a/r |
| 10 | 3558018 | n/s | Lubricant, Grease, 14 oz | a/r | a/r | - |
| 11 | ----- | n/s | Nut, Lock, Elas, SS, 10-24 | 6 | 6 | - |
| 12 | ----- | n/s | Bolt, Crg, SS, 10-24 x 5/8 | 6 | 6 | - |

ViewPoint TouchScreen



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|------------------------|-----------------------------|--|-----------------------------------|---|
| | 3560986 ^{1,2} | | Kit,Touchscreen,Wall Mount | 0986 - | |
| | 3560987 ^{1,2} | | Kit,Touchscreen,Floor Mount | - 0987 | |
| 1 | 3560812 | n/s | Switch,Ethernet,UN-MNG,5-PORT | 1 | 1 |
| 2 | 3562622 | n/s | Packed Parts, Touchscreen 19" (Order packed parts for individual replacement components.) | 1 | 1 |
| 3 | 3562628 ¹ | n/s | Touchscreen,19",S.S.,Complete | 1 | 1 |
| | 3561751 ¹ | ⊗ | Touchscreen,19", S.S. | - | - |
| 4 | 3562648 | | Button, Push, On/Off, VPTS | 1 | 1 |

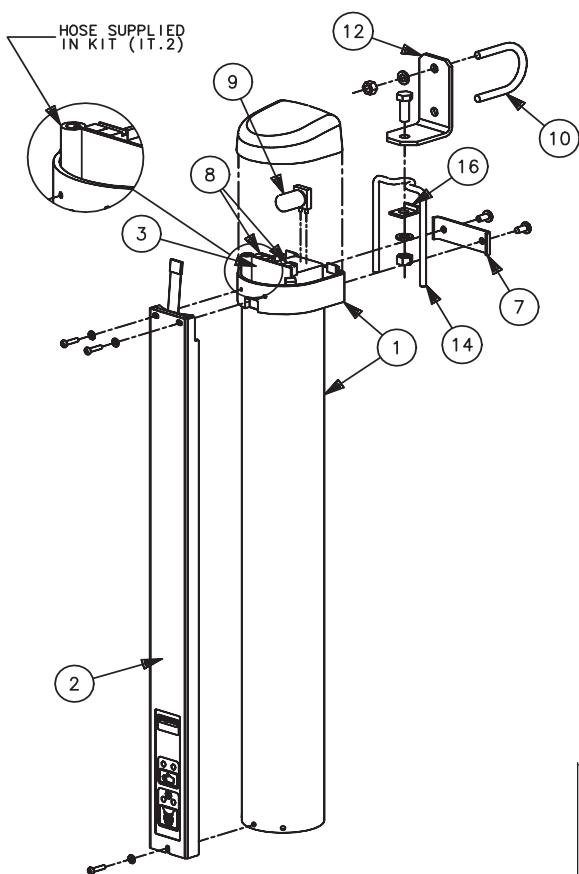
NOTE:

1. **PRE-2017**

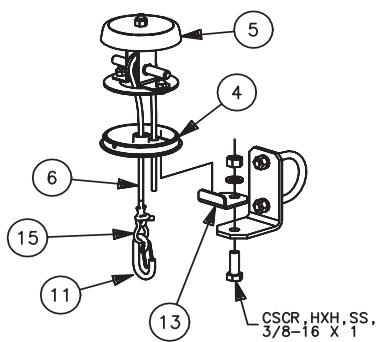
3561751 is no longer available. For installations before 2017, order 3562628 and 3562622 for replacement touchscreen kits. Kit 3562628 includes: mounting bracket (3562625), ethernet cable (3562627), and touchscreen with software (3562626).

4000D Detacher

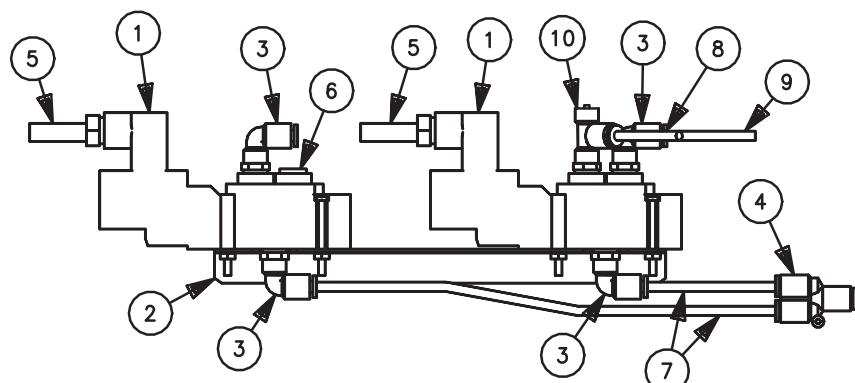
SECTION D PAGE 35
EFFECTIVE: 8/30/12



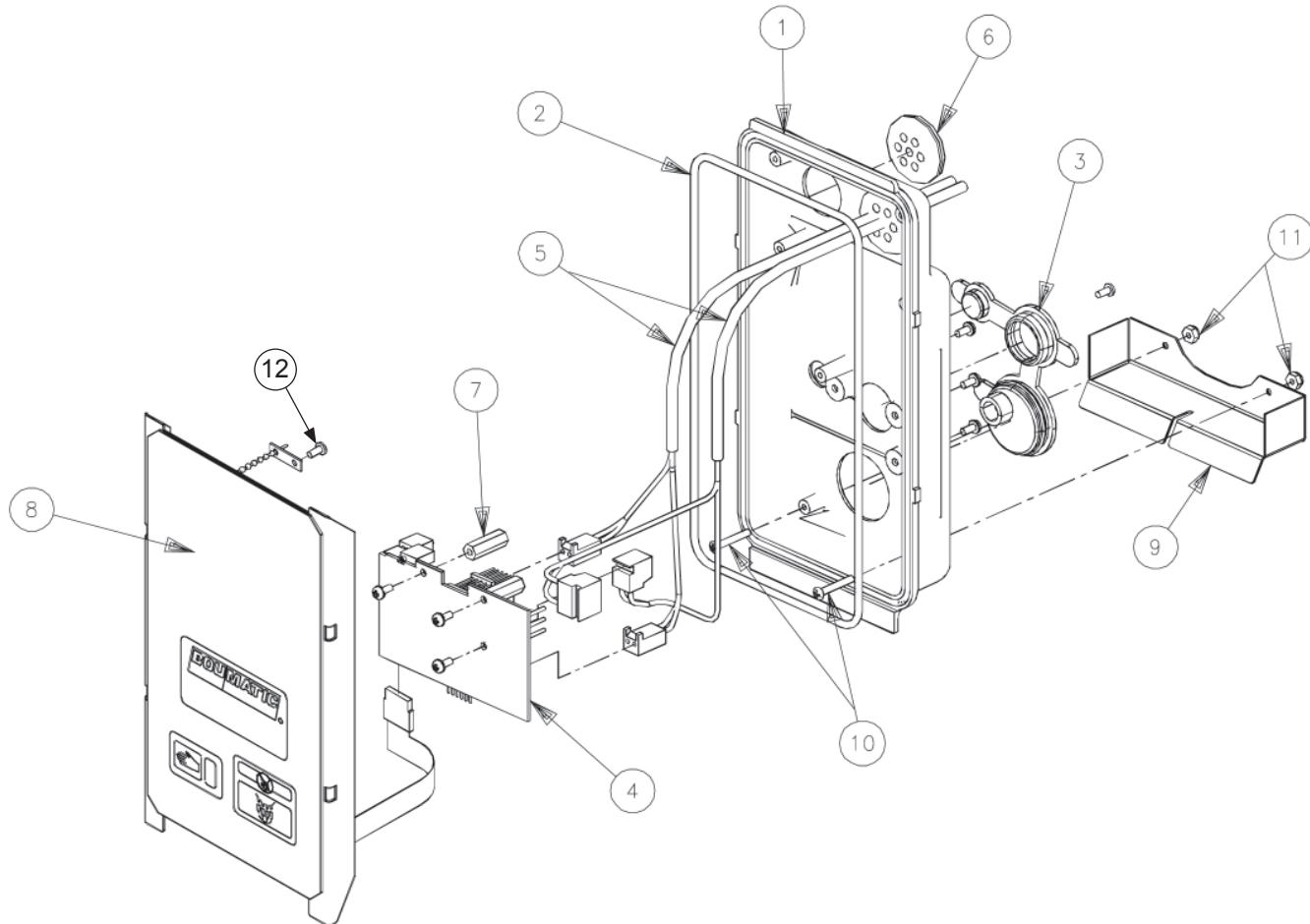
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|---|-----------------------------------|
| | 3557070 | Detacher, 4000D | - |
| 1 | 3558002 | Cylinder/Top Assy,4000D (Items 3 & 8 not included) | 1 |
| 2 | 3557933 | Kit, Flex Switch, 4000D | 1 |
| 3 | 3557259 | Kit, Repair, Pwb Assy, 4000D | 1 |
| 4 | 3556708 | Cap, Bottom, Cylinder | 1 |
| 5 | 3558610 | Piston Assy, Companion (Parts on page D-68 & 69) | 1 |
| 6 | 8587717 | Rope, Dyneema, 1/8" x 100' | a/r |
| 7 | 3557093 | Bracker, Mtg, Top | 1 |
| 8 | 1917630 | Connector, Term Strip, 2-P | 3 |
| 9 | 3557052 | Valve Assy, Solenoid | 1 |
| 10 | 3555958 | U-Bolt, SS, 5/16-18 x 2-1/2 | 2 |
| 11 | 3556991 | Snap, Spring, SS, Looped | 1 |
| 12 | 3557017 | Bracket, Mtg, 4000D | 2 |
| 13 | 3557150 | Bracket, Mtg, Lower, 4000D | 1 |
| 14 | 3557170 | Wireform, Mtg, 4000D | 1 |
| 15 | 8516326 | Link, Break-Away, .148 | 1 |
| 16 | 3557360 | Clip, 4000D Mtg | 1 |
| 17 | 3557246 | n/s | a/r |
| 18 | - - - | Literature 9ES-758 (Installation & Operating Instructions) | ref |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|---------------------------------------|-----------------------------------|
| | 3557426 | Valve Assy, Dual, Air, In Line | - |
| 1 | 3557108 | Valve, 4-way, Air, Low Power | 2 |
| 2 | 3557780 | Brackert, Mtg, Valve, In Line | 1 |
| 3 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 4 |
| 4 | 8507088 | Conn, Push, Union Y, 5/32 | 1 |
| 5 | 3557112 | Hose, Silicone, 0.93 x .06 | a/r |
| 6 | 1431240 | Plug, Hex Hd, Brass, 1/8 | 1 |
| 7 | 3554439 | Hose, Nylon, Blk, 5/32 OD x 100 Ft | a/r |
| 8 | 3554440 | Hose, Nylon, Grn, 5/32 OD x 100 Ft | a/r |
| 9 | 3554174 | Hose, Nylon, Red, 5/32 OD x 100 Ft | a/r |
| 10 | 3554444 | Valve, Control, Flow, 1/8 NPT | 1 |



Electronic Assembly 4200 Detachers



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|---|-----------------------------------|
| | 3557438 | Electronic Assy, 4200D, Rear ACS | 438 |
| 1 | 3557917 | Enclosure, PWB, Rear Access | 1 |
| 2 | 3557142 | Gasket, Neo, .125 DIA x 20.50 | 1 |
| 3 | 3557442 | Plug, Enclosure Assy | 1 |
| 4 | 3657492 | Kit, Pwb Assy, 42-4600, Rear Acs | 1 |
| | 3557257 ¹ | Kit, Repair, PWB Assy, 42/44/4600, | 1 |
| 5 | 3557000 | Wire Assy, 4200 D (Includes 1 of item 6) | 1 |
| 6 | 3556157 | Grommet, Multiple, 5/32 | 2 |
| 7 | 1979719 | Spacer, Thd, Hex, 4-40 x .75 Brs | 3 |
| 8 | 3558325 | Kit, Switch Flex, 4200D | 1 |
| 9 | 3557913 | Deflector, 4600 Detacher | 1 |
| 10 | 1096155 | MSCR,PNH, SS, 4-40 x 3/4 | 2 |
| 11 | 1222376 | Nut, Lock, ELAS, SS 4-40 | 2 |
| 12 | 1027248 | Tfscr, Pnh, SS, 4-24 x 1/4 | 2 |

Note:

1. For use on detachers without rear access enclosures.

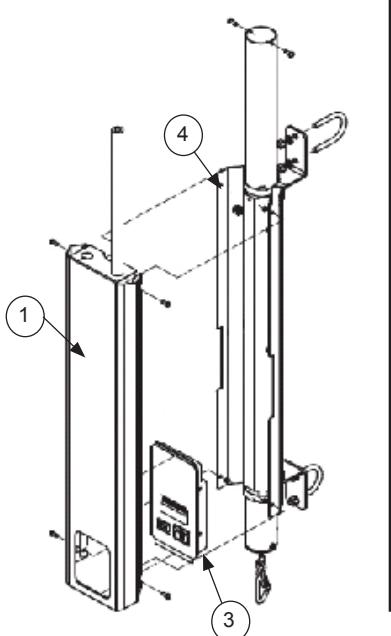
4400 & 4200 Series Detachers

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 37 |
| EFFECTIVE: 2/17/23 | |

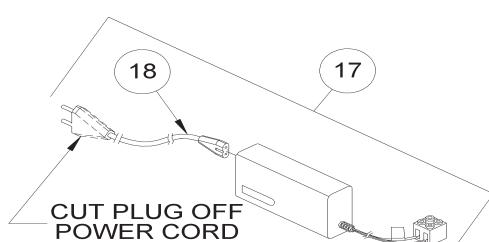
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|------|----------------------|--|-----------------------------------|-----|-----|
| | | | n/s=NOT SHOWN | | |
| | 3557411 | Detacher, 4200D, w/NIP, Vlv, Pkgd | 411 | - | - |
| | 3557412 | Detacher, 4200D, w/Tri, Vlv, pkgd | 412 | - | - |
| | 3557364 | Detacher, 4200D, w/Tri, Vlv | 364 | - | - |
| | 3557367 | Detacher Assy, 4200D, w/Nipple, Vlv | 367 | - | - |
| | 3557558 | Detacher, 4200D, Hinge, w/Nip | - | 558 | - |
| | 3557559 | Detacher, 4200D, Hinge, Tri | - | 559 | - |
| | 3557448 | Detacher, 4400XH, Hinge, Tri | - | - | 448 |
| | 3557447 | Detacher, 4400XH, Hinge, w/Nip | - | - | 447 |
| | 3557444 | Detacher, 4400D, Hinge, Tri | - | - | 444 |
| | 3557443 | Detacher, 4400D, Hinge, w/Nip | - | - | 443 |
| 1 | 3557009 | Wrapper Assy, 4200 | 1 | - | - |
| 2 | 3557440 | Wrapper & Stud Assy, 44/4600XH | - | - | 1 |
| 2 | 3557439 | Wrapper & Stud Assy, 42/44/4600D | 1 | 1 | 1 |
| 3 | 3557438 | Electronic Assy, 4200D, Rear ACS (Parts on page D-36) | 1 | 1 | - |
| 3 | 3557425 | Electronic Assy, 44/4600D, Rear, ACS (Parts on page D-38) | - | - | 1 |
| 4 | 3557410 | Bracket Assy, 4200 Ext Cyl | 1 | - | - |
| | 3557419 | Bracket, Hngd, Long, XH | - | - | 1 |
| 5 | 3557399 | Bracket, Ext Cyl, Hngd, 42/44/4600D | 1 | 1 | 1 |
| 6 | 3557404 | Bracket, Enclosure, Pwb | 1 | 1 | 1 |
| 6 | 3557916 | Bracket & Stud Assy | 1 | 1 | 1 |
| 7 | 3557915 | Bracket Mounting, 42/44/4600D | 1 | 1 | 1 |
| 8 | 8515269 | Fastener, Link-Lock | 2 | 2 | 2 |
| | 8595442 ¹ | Latch, SS, Adjustable | 2 | 2 | 2 |
| 9 | 3557407 | Clamp, Cable .38, Fin Clip Base | - | 4 | 4 |
| 10 | 3557523 | Conduit, Flex, Lq-Tite, HFI 3/8 | - | a/r | a/r |
| 11 | 3557261 | Cylinder Assy, Vac 2", SS, w/o Top (Parts on page D-132) | 1 | 1 | 1 |
| 12 | 3557262 | Valve Assy, Dual Cylinder (Parts on page D-131) | 1 | 1 | 1 |
| 13 | 8510201 | Clamp, Hose, SS, #28, 1.31 - 2.25 | 4 | 4 | 4 |
| 14 | 3555958 | U-Bolt, SS 5/16 - 18 x 2-1/2 | 2 | 2 | 2 |
| 15 | 3554475 | Bracket, Mtg, 2101 | 2 | 2 | 2 |
| 16 | 4088545 | Cover, Air Inj / Detacher Ram | 1 | 1 | 1 |
| 17 | 3557246 | Power Supply Assy, 24 VDC, 2.7A (Includes item 17) | a/r | a/r | a/r |
| 18 | 3557330 | Cord, Power Supply, 24 VDC Lit. 9ES-750 | 1 | 1 | 1 |
| 19 | ---- | (Installation Instructions) Lit. 9E-789 | a/r | a/r | - |
| 19 | ---- | (Installation Instructions) | - | - | a/r |

Note: 1. Since October 2020.

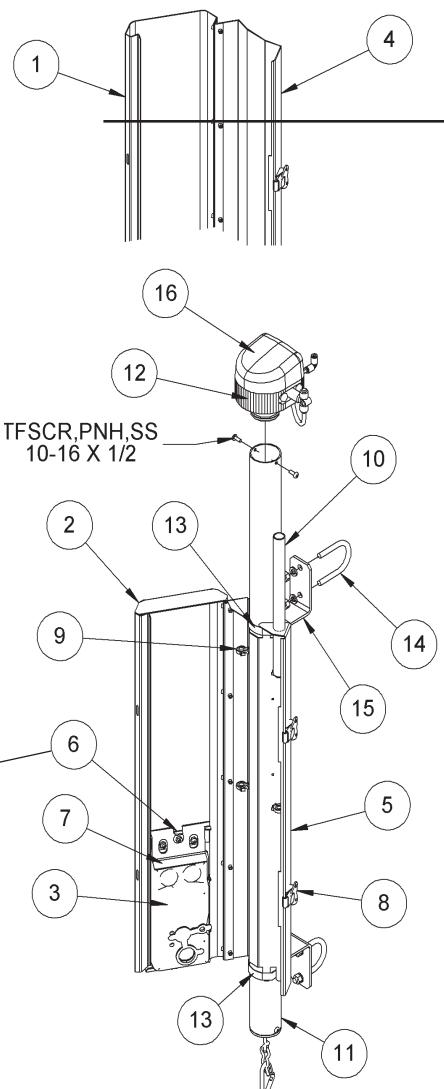
Earlier 4200 Detacher



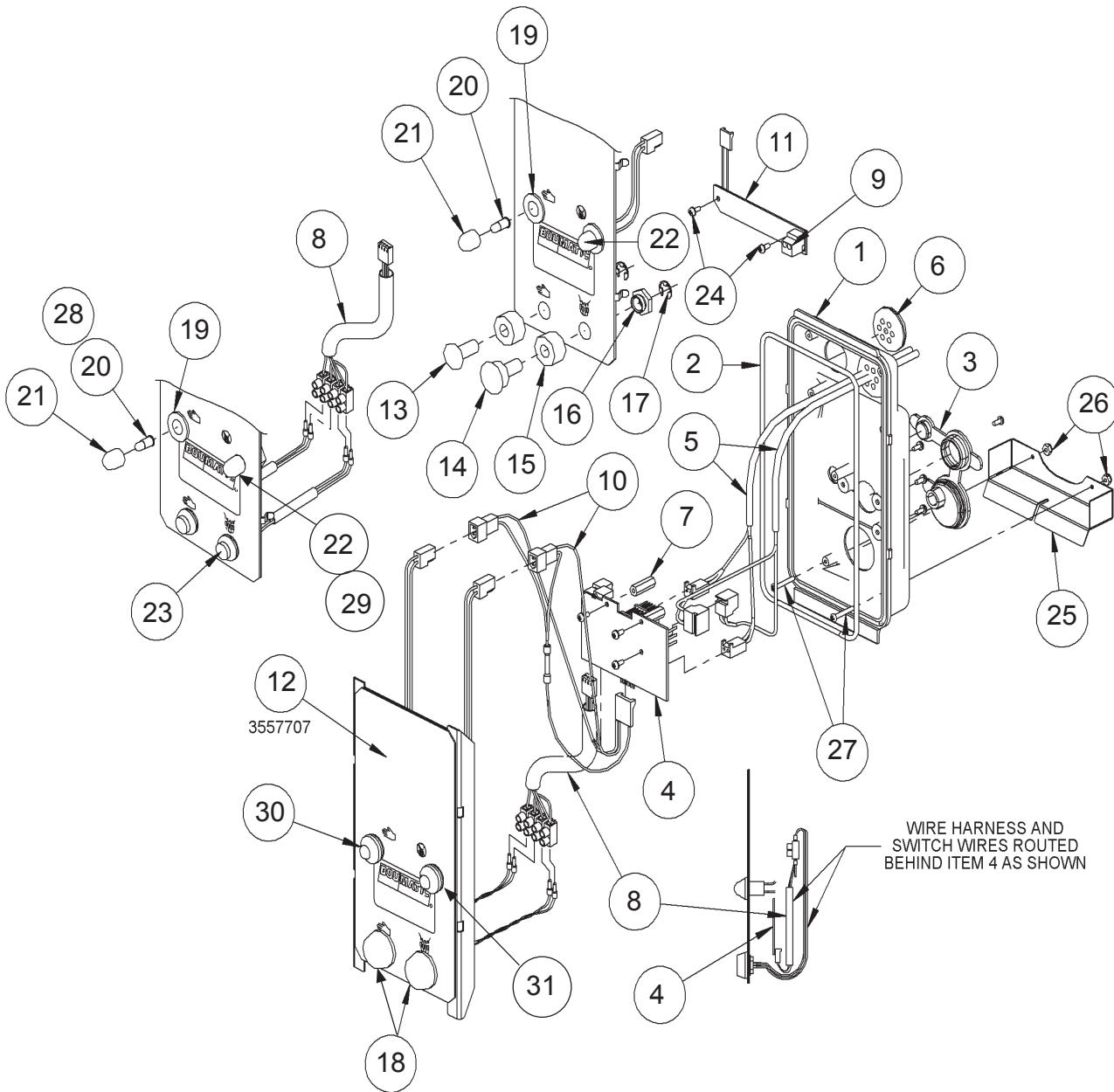
Earlier 3557404 Bracket



Earlier 4400 Detacher



Electronic Assemblies 4400 & 4600 Detachers



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------|----------------------|---|----------------------------|
| 3557425 | | | |
| 1 | 3557917 | Enclosure, PWB, Rear Access | 1 |
| 2 | 3557142 | Gasket, Neo, .125 DIA x 20.50 | 1 |
| 3 | 3557442 | Plug, Enclosure Assy | 1 |
| 4 | 3657492 | Kit, Pwb Assy, 42-4600, Rear Acs (Shown) | 1 |
| | 3557257 ¹ | Kit, Repair, PWB Assy, 42/44/4600, | 1 |
| 5 | 3557000 | Wire Assy, 4200 D (Includes 1 of item 6) | 1 |
| 6 | 3556157 | Grommet, Multiple, 5/32 | 2 |
| 7 | 1979719 | Spacer, Thd, Hex, 4-40 x .75 Brs | 3 |
| 8 | 3557792 | Wire harness, switch, 4000 Series | 1 |
| 9 | 1917630 | Connector, Term Strip, 2-Pos (2 connectors needed when using switch assemblies item 24) | 1 |
| 10 | 3557103 | Wire Assy, Lights, 4400D | 1 |
| 11 | 3557258 ² | Kit, Repair, PWB Assy, Switches | 1 |
| 12 | 3557707 | Kit, Conv, 4400/4600 (Includes items 8, 10, 25 & mounting brackets) | 1 |
| 13 | 3557091 ² | Plunger Assy, Magnet, Short | 1 |
| 14 | 3557088 ² | Plunger Assy, Magnet, Long | 1 |
| 15 | 3552012 ² | Retainer, Plunger | 2 |
| | 3557988 | Switch, Detacher, SS | 2 |

| | | | |
|----|----------------------|--------------------------------|---|
| 16 | 3552006 ² | Bushing, Plunger | 2 |
| 17 | 3550833 ² | Ring, Retaining, Ext E, .31 | 2 |
| 18 | 3557988 | Switch, Door, Detacher, SS | 2 |
| 19 | 3557104 ² | Socket Assy, Lamp, 4" | 2 |
| | 3554306 | Socket Assy, Lamp, 18" | 2 |
| 20 | 3551812 | Bulb, 28V | 2 |
| 21 | 3550804 | Lens, Bulb-Holder, Amber | 1 |
| 22 | 3550802 | Lens, Bulb-Holder, Red | 1 |
| 23 | 3557696 ² | Switch Assy, Door, Detacher | 2 |
| 24 | 1027249 ² | TFSCR, PNH, SS, 4-24 x 3/8 | 2 |
| 25 | 3557913 | Deflector, 4600 Detacher | 1 |
| 26 | 1222376 | Nut, Lock, ELAS, SS, 4-40 | 2 |
| 27 | 1096155 | MSCR, PNH, SS, 4-40 X 3/4 | 2 |
| 28 | 1923326 ³ | Diode, LED, YEL, 28V | 1 |
| 29 | 1923325 ³ | Diode, LED, RED, 28V | 1 |
| 30 | 3558009 ³ | LED Indicator Assy, Yellow, 4" | 1 |
| 31 | 3558008 ³ | LED Indicator Assy, Red, 4" | 1 |

NOTE:

1. For use on detachers without rear access enclosures.

2. Older Switch PWB Repair Kit (3557258) must be used with older style pushbutton components (items 13 thru 17).

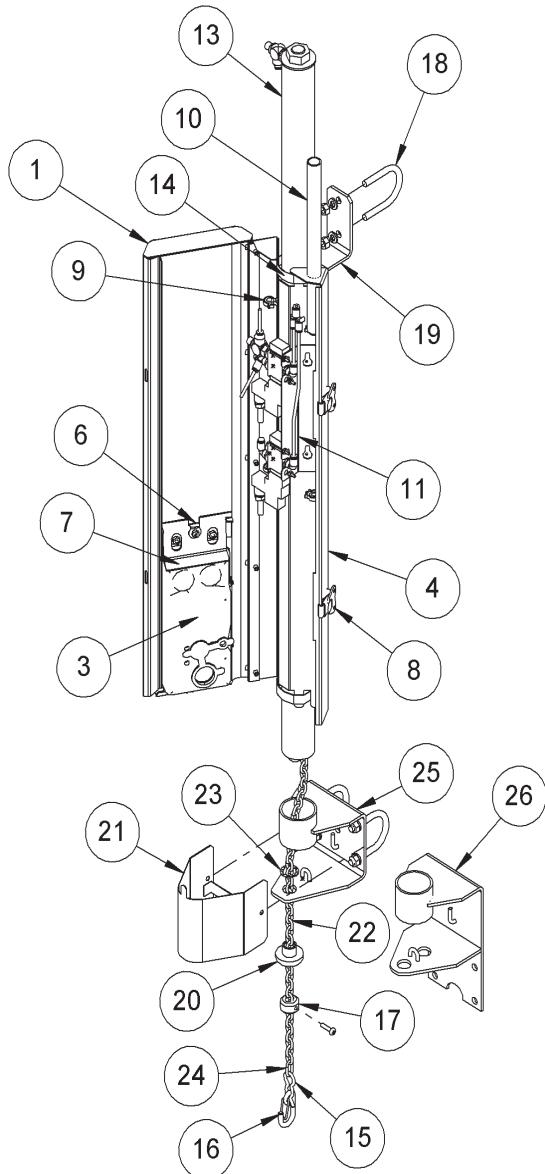
3. To use LEDs the electronics control must be manufactured after 3-15-02.

4600 Detacher

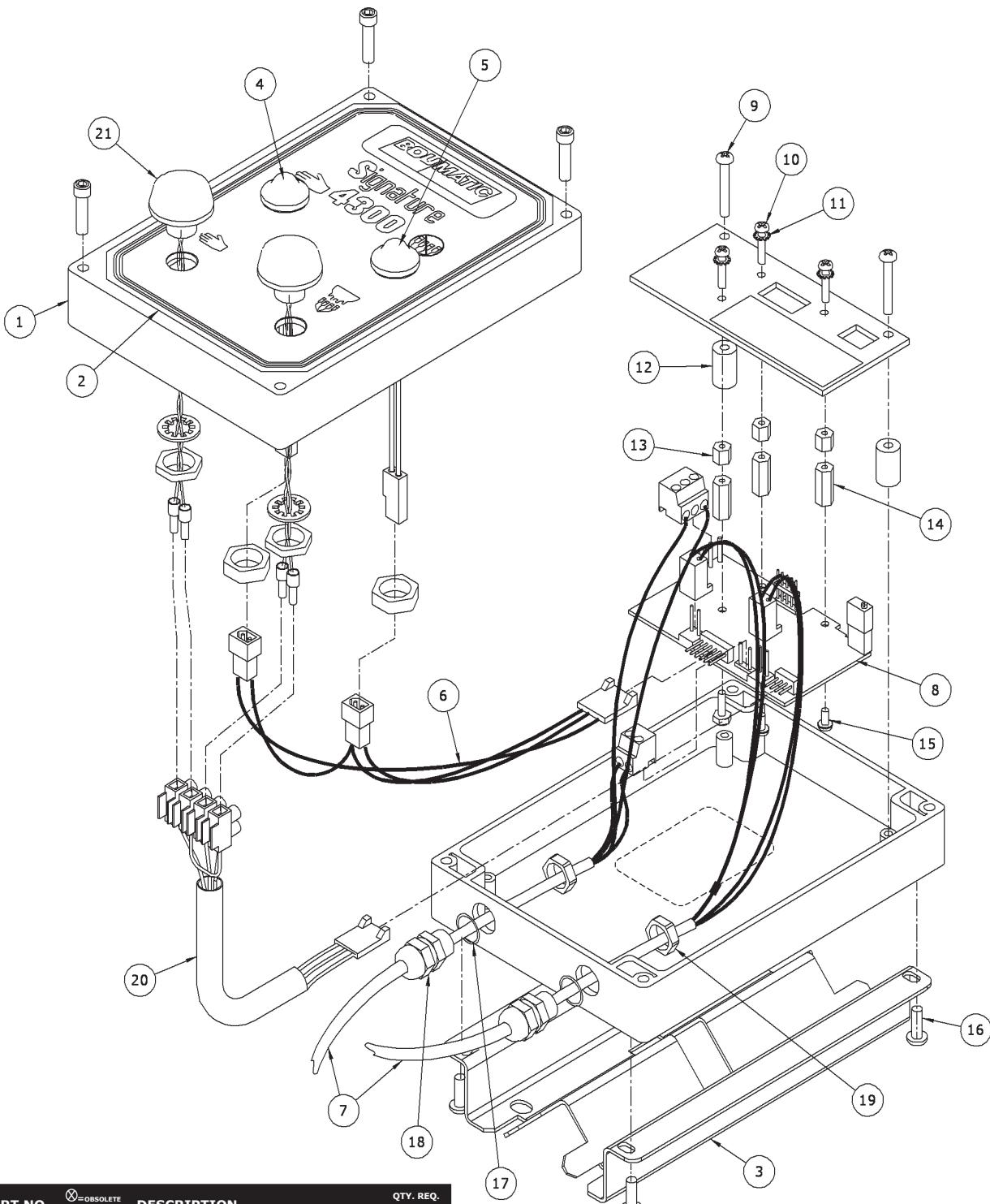
| | |
|---------------------|-------------------|
| SECTION D | PAGE 39 |
| EFFECTIVE: 11/19/20 | |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------------------|---|---|-----|
| | | | n/s=NOT SHOWN | |
| | 3557578 | Detacher, 4600D, w/o Arm, Tri | 578 | |
| | 3557582 | Detacher, 4600D, w/o Arm, Nip | 582 | |
| | 3557579 | Detacher, 4600D, w/ Arm, Tri | - 579 | |
| | 3557583 | Detacher, 4600D, w/ Arm, Nip | - 583 | |
| 1 | 3557439 | Wrapper & Stud Assy, 44/4600D | 1 | 1 |
| 3 | 3557425 | Electronic Assy, 44/4600D, Rear Acs (Parts on page D-38) | 1 | 1 |
| 4 | 3557399 | Bracket, Ext Cyl, Hngd, 44/4600D | 1 | 1 |
| 6 | 3557916 | Bracket & Stud Assy | 1 | 1 |
| 7 | 3557915 | Bracket, Mounting, 42/44/4600D | 1 | 1 |
| 8 | 8515269 | Fastener, Link-Lock | 2 | 2 |
| | 8595442 ¹ | Latch,SS,Adjustable | 2 | 2 |
| 9 | 3557407 | Clamp, Cable, .38, Fin Clip Base | 2 | 2 |
| 10 | 3557523 | Conduit, Flex, Liq-Tite, HFI 3/8 | a/r | a/r |
| 11 | 3557426 | Valve Assy, Dual Air, in Line (Parts on page D-35) | 1 | 1 |
| 13 | 3556145 | Cylinder Assy, Air (Parts on page D-124) | 1 | 1 |
| 14 | 8510201 | Clamp, Hose, SS, #28, 1.31 - 2.25 | 5 | 5 |
| 15 | 8516326 | Link, Break-Away, .156, Tumbled | 1 | 1 |
| 16 | 3556991 | Snap, Spring, SS, Looped | 1 | 1 |
| 17 | 3556426 | Stop, Chain | 1 | 1 |
| 18 | 3555958 | U-Bolt, SS, 5-16-18 x 2-1/2 | 3 | 3 |
| 19 | 3554475 | Bracket, Mtg, 2101 | 1 | 1 |
| 20 | 3554396 | Bushing, Chain, Guide | 2 | 2 |
| 21 | 3552261 | Guard Assy, w/ Caution Label | 1 | 1 |
| 22 | 3557646 | Chain, Twist-Link, SS, 50 In x .120 | 1 | 1 |
| 23 | 3551909 | Ring, Retaining, Push-on, Ext-T | 2 | 2 |
| 24 | 3551341 | Link, Chain,Connector, SS | 2 | 2 |
| 25 | 3556141 | Bracket Assy, Mtg, SS | 1 | - |
| 26 | 3556138 | Bracket Assy, Mtg, SS | - | 1 |
| 27 | 3552226 | n/s | Arm Assy, 2100, Flex (Parts on page D-125) | - 1 |
| 28 | ----- | Literature 9ES-790 (Installation Instructions) | a/r | a/r |

Note: 1. Since October 2020.



Control Assembly 4300 Detacher



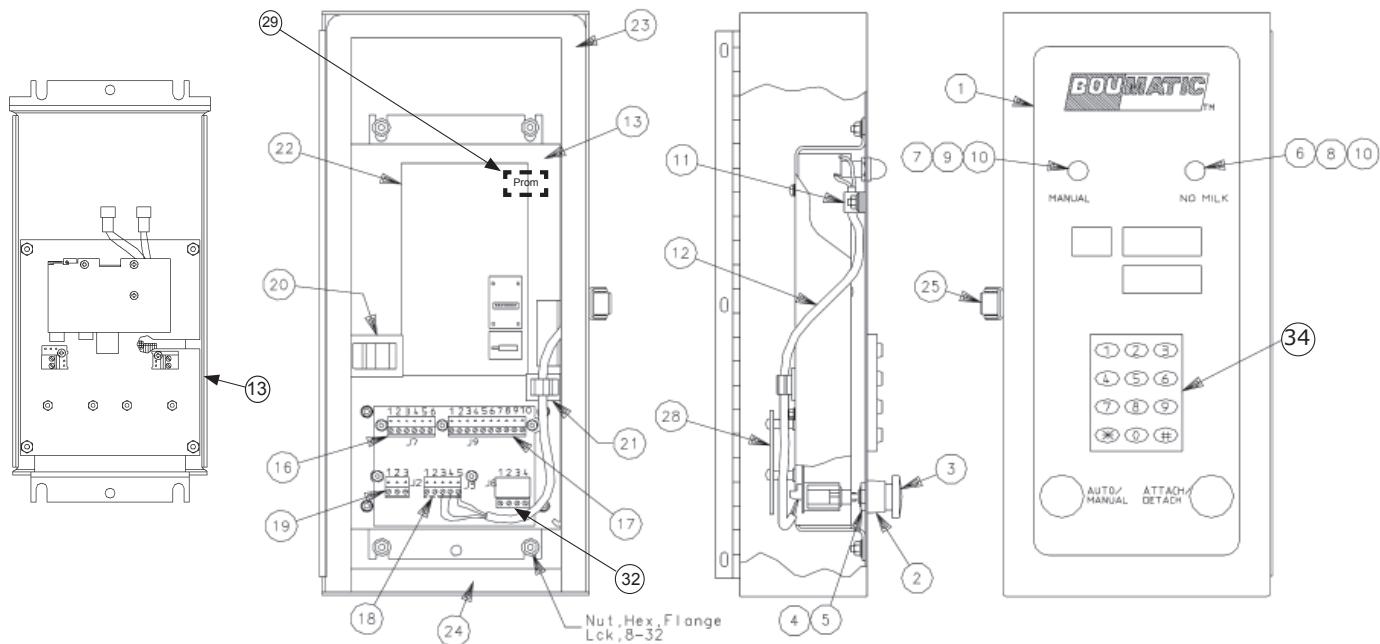
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/f=AS REQ.) |
|------|----------|------------------------------------|----------------------------|
| 1 | 3558137 | Enclosure, Signature 4300, w/Holes | 1 |

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/f=AS REQ.) |
|---------|----------|------------------------------------|----------------------------|
| 3558192 | | Control Assy, Signature 4300 | |
| 1 | 3558137 | Enclosure, Signature 4300, w/Holes | 1 |
| 2 | 3558130 | Label, Signature 4300 | 1 |
| 3 | 3558185 | Bracket, Parlor companion | 1 |
| 4 | 3558009 | LED Indicator Assy., Yellow, 4" | 1 |
| 5 | 3558008 | LED Indicator Assy., Red, 4" | 1 |
| 6 | 3557103 | Wire Assy, Lights, 4200 D | 1 |
| 7 | 3557000 | Wire Assy, 4200 D | 1 |
| 8 | 3657492 | Kit, PWB ASSY, 42-4600, Rear ACS | 1 |
| 9 | 1027261 | TFSCR, PNH, SS, 6-20 X 1 | 2 |
| 10 | 1096154 | MSCR, PNH, SS, 4-40 X 5/8 | 3 |
| 11 | 1249397 | Washer, Lock, Ext-TSS, #4 | 3 |

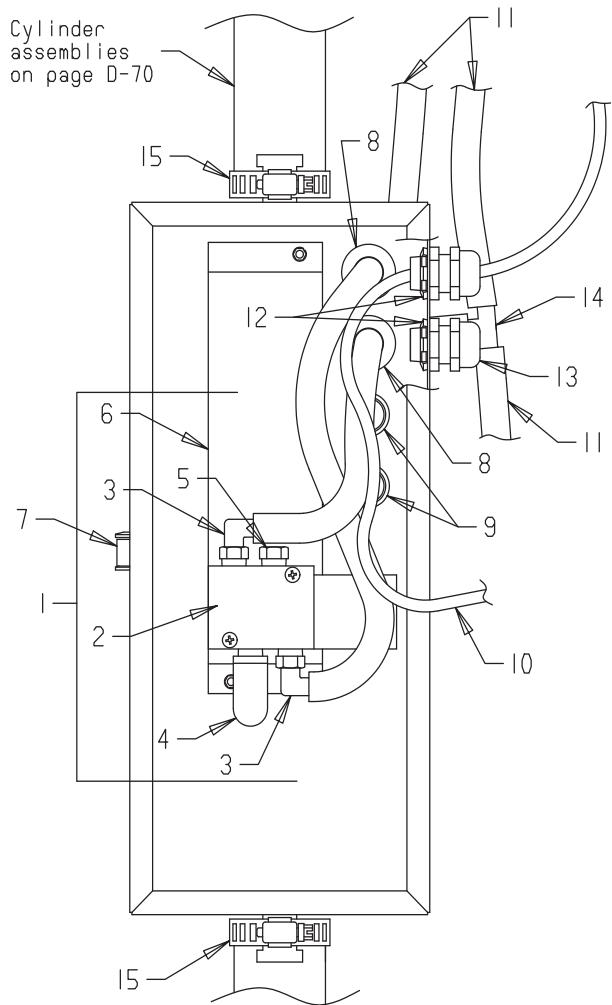
| | | | |
|----|---------|-------------------------------------|-----|
| 12 | 1979607 | Spacer, RD, NYL, .14 x .38 x .62 | 2 |
| 13 | 1979724 | Spacer, THD, HEX, 4-40 X 5/8 | 3 |
| 14 | 1979723 | Spacer, THD, HEX, 4-40 X .625, AL | 3 |
| 15 | 1098149 | MSCR, PNH, SS, SEMS, 4-40 X .25 | 2 |
| 16 | 1098181 | MSCR, PNH, SS, SEMS, 8-32 X 1/2 | 4 |
| 17 | 3557816 | O-Ring, 0.390 x .060, Buna-N | 2 |
| 18 | 1917500 | Conn, STR-RLF, .11-.25, PG7 | 2 |
| 19 | 1917560 | Conn. Dome, Nut, PG7 | 2 |
| 20 | 3557792 | Wire Harness, Switches, 4000 Series | 1 |
| 21 | 3557988 | Switch, Door, Detacher, SS | 2 |
| 22 | ----- | Literature 9E-814 | ref |

Cover Assemblies 3000 Series Detachers

SECTION D
PAGE 41
EFFECTIVE: 5/18/20



Detacher Base Assemblies 3000D & 3000M

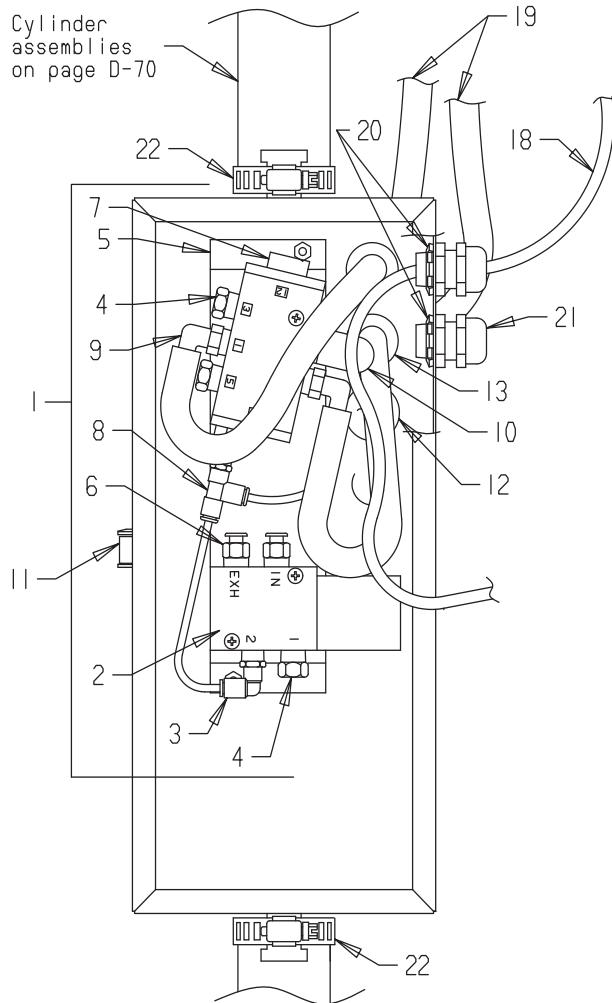


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|---------|----------------------|---|----------------------------|
| | | n/s=NOT SHOWN | |
| 3556118 | ⊗ | Base Assy, Vac, 3000D | - |
| 3556121 | ⊗ | Base Assy, Vac, 3000M | - |
| 1 | 3556187 | Valve Assy, Solenoid, 3000 (Includes items 2 thru 6) | 1 |
| 2 | 3555933 | Valve, Solenoid, 24VDC | 1 |
| 3 | 3563812 | Elbow, 90,Nyl,Vac Detach | 2 |
| 4 | 8551136 | Muffler, Filter, 1/4 NPT | 1 |
| 5 | 1431200 | Plug, Hex Hd, Brass, 1/4 | 1 |
| 6 | 3556162 | Bracket, Mtg, Valve | 1 |
| 7 | 3556161 | Keeper, Latch, SS | 1 |
| 8 | 4079106 | Grommet, .625 x 1.125 | 2 |
| 9 | 3551755 | Plug, Int, Plstc, .88 | 5 |
| 10 | 3555954 ¹ | Cord Assy, Power | 1 |
| 11 | 3553786 ¹ | Hose, Rbr, .62 x .206W x 1' | a/r |
| | 8591627 ² | Hose, Rbr, .62 x .206W x 50' | |
| 12 | 1917551 ¹ | Connector, Dome, Nut, 1/2 NPT | 2 |
| 13 | 1917532 ¹ | Conn, Str-Rlf, .27-.46, 1/2 NPT | 1 |
| 14 | 3553791 ¹ | Tee, Nyl, 3/8 x 3/8 x 3/8 | 1 |
| 15 | 8510201 ¹ | Clamp, SS, #28, 1.31-2.25 | 2 |

Note:

1. These items not included with base assemblies.
2. Replacement for 3553786.

Detacher Base Assemblies 3200D & 3200M



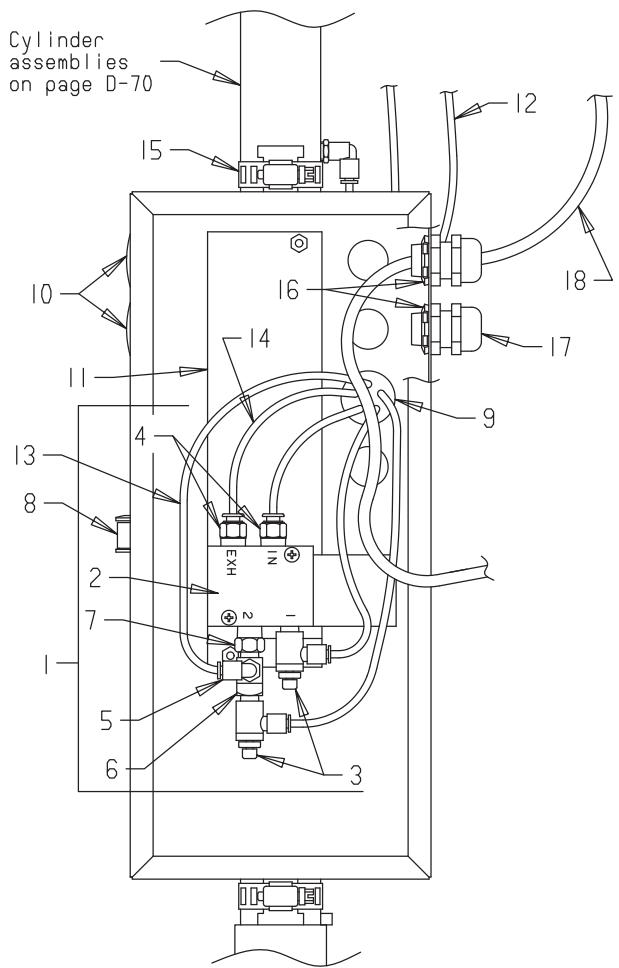
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|---------|----------------------|--|----------------------------|
| | | n/s=NOT SHOWN | |
| 3556119 | ⊗ | Base Assy, Vac, 3200D | - |
| 3556122 | ⊗ | Base Assy, Vac, 3200M | - |
| 1 | 3556164 | Valve Assy, Solenoid/Air, 3200 (Includes items 2 thru 10) | 1 |
| 2 | 3555933 | Valve, Solenoid, 24VDC | 1 |
| 3 | 8507015 | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 1 |
| 4 | 1431200 | Plug, Hex Hd, Brass, 1/4 | 3 |
| 5 | 3556162 | Bracket, Mtg, Valve | 1 |
| 6 | 8507013 | Conn, Push, 5/32 OD x 1/4 NPT | 2 |
| 7 | 3556163 | Valve, Air, 1/4, 5 Port/2 Pos | 1 |
| 8 | 3554331 | Conn, Swl, Tee, 5/32 x 1/8 NPT | 1 |
| 9 | 3563812 | Elbow,90,Nyl,Vac Detach | 2 |
| 10 | 8551136 | Muffler, Filter, 1/4 NPT | 1 |
| 11 | 3556161 | Keeper, Latch, SS | 1 |
| 12 | 3556157 | Grommet, 5/32, Multiple | 1 |
| 13 | 4079106 | Grommet, .625 x 1.125 | 2 |
| 14 | 3551755 | n/s Plug, Int, Plstc, .88 | 4 |
| 15 | 3554530 | n/s Hose, Nyl, Yel, 5/32 OD x 100Ft | a/r |
| 16 | 3554439 | n/s Hose, Nyl, Blk, 5/32 OD x 100Ft | a/r |
| 17 | 3554115 | n/s Hose, Nyl, Nat, 5/32 OD x 100Ft | a/r |
| 18 | 3555954 ¹ | Cord Assy, Power | 1 |
| 19 | 8591627 ¹ | Hose, Rbr, .62 X .206W,50' | a/r |
| 20 | 1917551 ¹ | Connector, Dome, Nut, 1/2 NPT | 2 |
| 21 | 1917532 ¹ | Conn, Str-Rlf, .27-.46, 1/2 NPT | 1 |
| 22 | 8510201 ¹ | Clamp, SS, #28, 1.31-2.25 | 2 |

Note:

1. These items not included with base assemblies.

Detacher Base Assemblies 3400D & 3400M

| | |
|----------------------|-------------------|
| SECTION D | PAGE 43 |
| EFFECTIVE: 4/1/99 | |

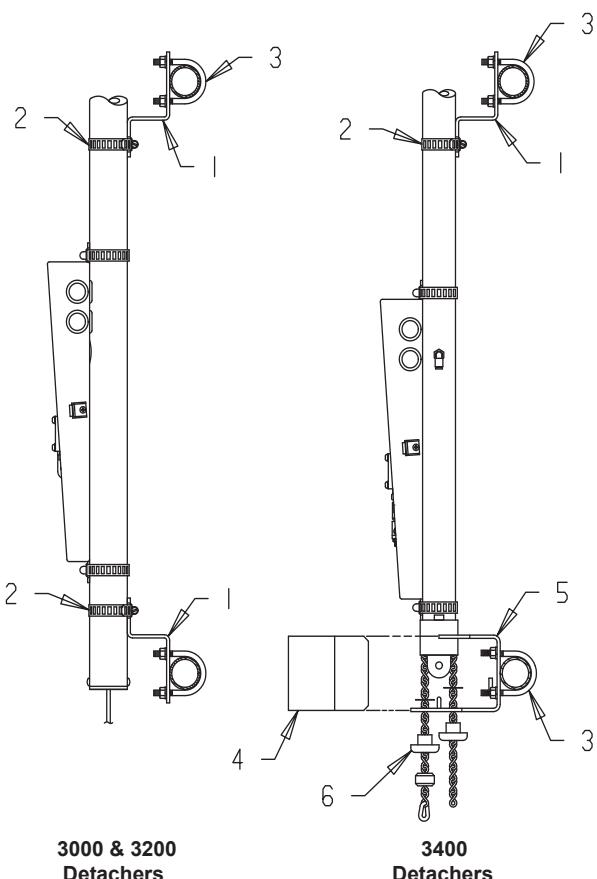


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|---------|----------------------|-----------------------------|---|---------------------------|
| 3556117 | ⊗ | | Base Assy, Air, 3400D w/o Arm | - |
| 3556120 | ⊗ | | Base Assy, Air, 3400D w/Arm | - |
| 3556123 | ⊗ | | Base Assy, Air, 3400M w/o Arm | - |
| 3556124 | ⊗ | | Base Assy, Air, 3400M w/Arm | - |
| 1 | 3556013 | ⊗ | Valve Assy, Solenoid, 3400 (Includes items 2 thru 7) | 1 |
| 2 | 3555933 | | Valve, Solenoid, 24VDC | 1 |
| 3 | 3554444 | | Valve, Control, Flow, 1/8 NPT | 2 |
| 4 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 |
| 5 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 1 |
| 6 | 3551712 | | Tee, Brs, Street, 1/8 NPT | 1 |
| 7 | 3551711 | | Bushing, Hex, Brs, 1/4 x 1/8 | 2 |
| 8 | 3556161 | ⊗ | Keeper, Latch, SS | 1 |
| 9 | 3556157 | | Grommet, 5/32, Multiple | 1 |
| 10 | 3551755 | | Plug, Int, Plstc, .88 | 6 |
| 11 | 3556162 | ⊗ | Bracket, Mtg, Valve | 1 |
| 12 | 3554530 | | Hose, Nyl, Yel, 5/32 OD x 100Ft | a/r |
| 13 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100Ft | a/r |
| 14 | 3554115 | | Hose, Nyl, Nat, 5/32 OD x 100Ft | a/r |
| 15 | 8510201 ¹ | | Clamp, SS, #28, 1.31-2.25 | 2 |
| 16 | 1917551 ¹ | | Connector, Dome, Nut, 1/2 NPT | 2 |
| 17 | 1917532 ¹ | | Conn, Str-Rlf, .27-.46, 1/2 NPT | 1 |
| 18 | 3555954 ¹ | ⊗ | Cord Assy, Power | 1 |

Note:

1.These items not included with base assemblies.

Mounting Hardware 3000 Series Detachers



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|------------------------------------|-----------------------------|------------------------------------|---------------------------|
| | | | Detacher Mtg Hardware, 3000 & 3200 | - |
| | | | Detacher Mtg Hardware, 3400 | - |
| 1 | 3554475 | | Bracket, Mtg, 1201 | 2 1 |
| 2 | 8510201 | | Clamp, SS, #28, 1.31-2.25 | 2 1 |
| 3 | 3555958 | | U-Bolt, SS, 5/16-18 x 2-1/2 In | 2 2 |
| 4 | 3552261 | | Guard Assy, w/Caution Label | - 1 |
| 5 | 3556141 or 3556138 ¹ | n/s | Bracket Assy, Mtg, SS | - 1 |
| 6 | 3554396 | | Bracket Assy, Mtg, SS | - 1 |
| | | | Bushing, Chain Guide | - 2 |

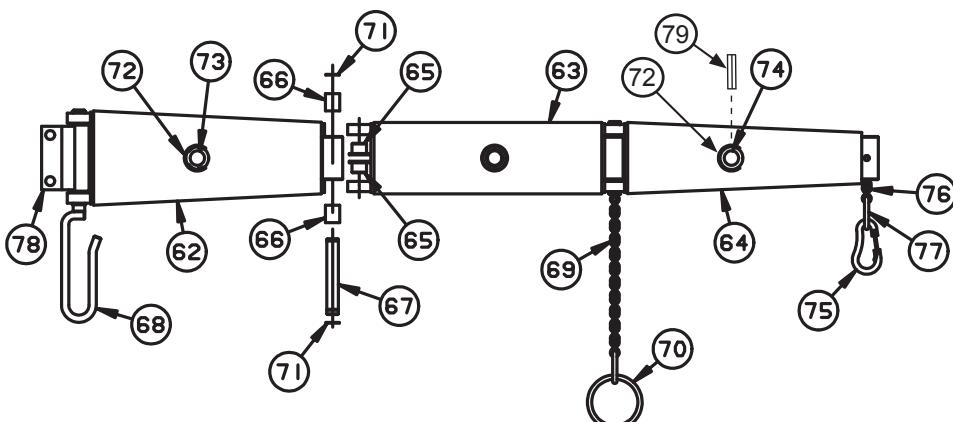
Note:

1. Use this bracket assembly when flex arm 3552226 is present.

Model 3800M & 3800D Detachers
3 & 4 Link Detacher Arm

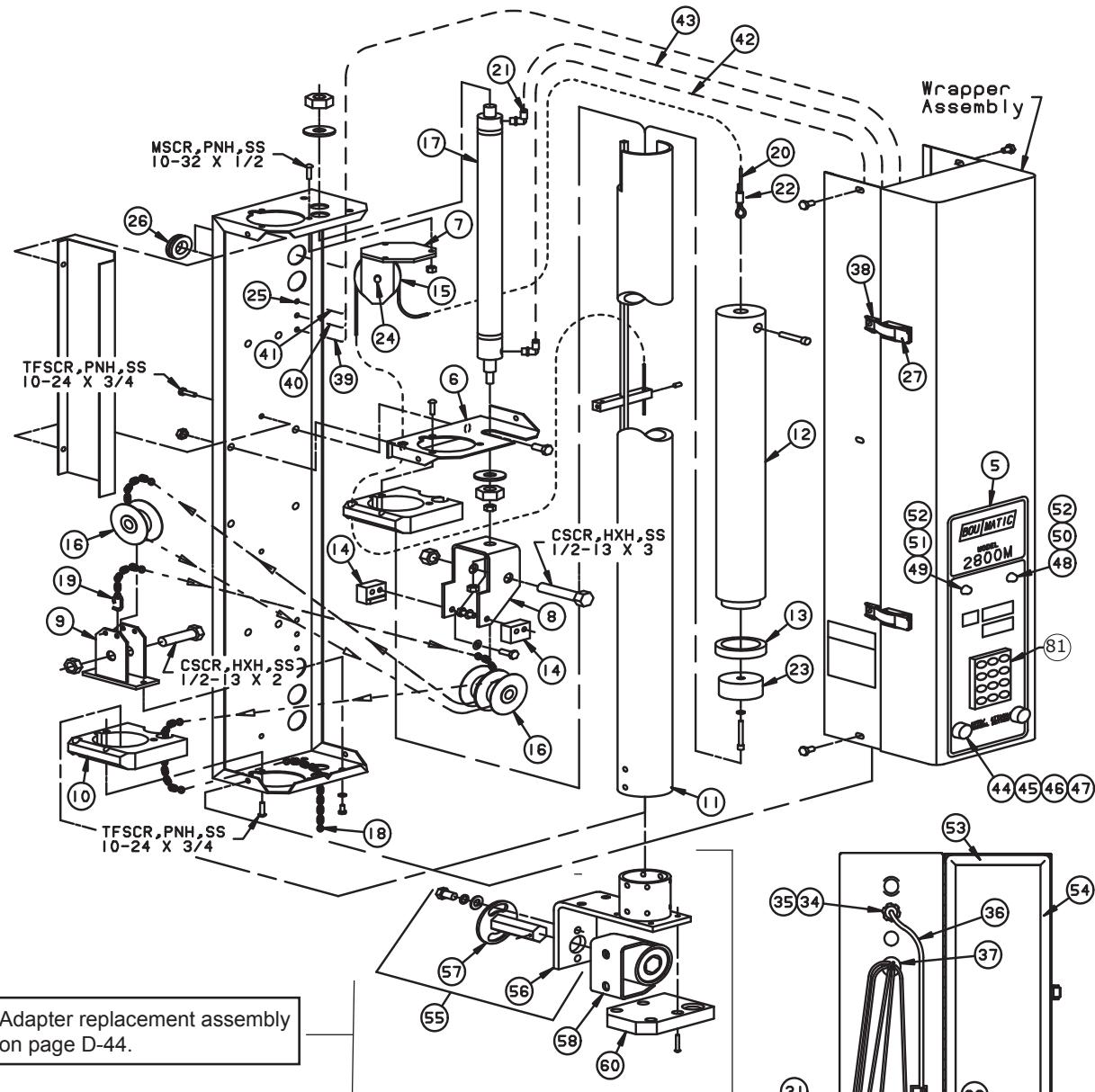
| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------------------|---|--|
| | | ⊗ = OBSOLETE n/s = NOT SHOWN | |
| | 3555664 | Detacher Assy, RH, 3800M | 664 |
| | 3555667 | Detacher Assy, LH, 3800M (shown) | 667 |
| | 3556001 | Detacher Assy, RH, 3800D | 001 |
| | 3556002 | Detacher Assy, LH, 3800D | 002 |
| 1 | 3656388 | PWB & Brkt Assy, D/Mtr, Prec, w/Cbl | 1 - |
| | 3657708 ¹ | PWB & Brkt Assy, D/M, Perf (SS Switch) | 1 - |
| | 3558936 ¹ | PWB & Brkt D/O, 4000 Series | - 1 |
| | 3558958 | PWB&BKT ASSY,DET,4000 SERIES | - 1 |
| 5 | 3555922 | Label, Cover, 2800M | 1 - |
| | 3556006 | Label, Cover, 2800M | - 1 |
| 6 | 355594 | Bracket, Guide Tube | 1 1 |
| 7 | 3555645 | Bracket Assy, Pulley Mtg, Cable | 1 1 |
| 8 | 3555598 | Bracket Mtg, Cyl Pulley | 1 1 |
| 9 | 3555657 | Bracket Assy, Pulley Mtg, Chain | 1 1 |
| | 8509643 | Cylinder, Air, 1.50 x 12.00 | 1 1 |
| 10 | 3555828 | Guide, Tube | 2 2 |
| 11 | 3555659 | Tube Assy, 2800 | 1 1 |
| 12 | 3555618 | Weight, Counter | 1 1 |
| 13 | 3555621 | Bushing, Counterweight | 1 1 |
| 14 | 3556143 | Block, Guide | 2 2 |
| 15 | 3555650 | Pulley, Guide, Cable | 1 1 |
| 16 | 3555658 | Pulley, Guide, Chain | 3 3 |
| 17 | 3555822 | Cylinder, Air, 1.50 x 12.00 | 1 1 |
| 18 | 3555670 | Chain, Twist-Line, SS, 80.5 In | 1 1 |
| 19 | 3551341 | Link, Chain-Connector, SS | 1 1 |
| 20 | 8570070 | Cable, Aircraft, 1/8 Dia | a/r a/r |
| 21 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 3 3 |
| 22 | 3551895 | Clamp, Cable, 1/8, Crimp | 1 1 |
| 23 | 3555611 | Weight, Extension | 1 1 |
| 24 | 3555928 | Pin, Clevis, SS, .25 x .875 | 1 1 |
| 25 | 3554469 | Grommet, 0.16 ID x 0.25 Mtg x 0.38 OD | 3 3 |
| 26 | 3555671 | Grommet, 0.38 ID x 1.13 Mtg x 1.50 OD | 2 2 |
| 27 | 3555971 | Latch, Hook, Spring, Long | 2 2 |
| 28 | 3556013 | Valve Assy, Solenoid | 1 1 |
| | | (Includes one of item 21 & items 29 thru 31) | |
| 29 | 3555933 | Valve, Solenoid, 24 VDC | 1 1 |
| 30 | 3554444 | Valve, Control Flow, 1/8 NPT | 2 2 |
| 31 | 8507015 | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 2 |
| 32 | 3554447 | n/s Valve Assy, Sensor w/Mtg Brkt (Parts on page D-131) | - 1 |
| 33 | 3553128 | Clamp, Cable, 1/2 Dia, Adh | 2 2 |
| 34 | 1917532 | Conn, Str-Rlf, .27-.46, 1/2 NPT | 1 1 |
| 35 | 8513814 | Nut, Locck, Conduit, 1/2 NPT | 1 - |
| | 1917551 | Connector, Dome, Nut, 1/2 NPT | - 1 |
| 36 | 3555954 | ⊗ Cord Assy, Power | 1 1 |
| 37 | 3556157 | Grommet, Multiple, 5/32 | 1 1 |
| 38 | 3556161 | Keeper, Latch, SS | 2 2 |
| 39 | 3554115 | Hose, Nyl, Nat, 5/32 OD x 100 Ft | a/r a/r |
| 40 | 3554439 | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r a/r |
| 41 | 3554530 | Hose, Nyl, Yel, 5/32 OD x 100 Ft | a/r a/r |
| 42 | 3554174 | Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r a/r |
| 43 | 3554440 | Hose, Nyl, Grn, 5/32 OD x 100 Ft | a/r a/r |
| 44 | 3552012 | ⊗ Retainer, Plunger | 2 2 |
| | 3557988 | Switch, Detacher, SS | 2 2 |
| 45 | 3552013 | Plunger, Switch | 2 2 |
| | | | |
| | | 46 3552006 | Bushing, Plunger |
| | | 47 3550833 | Ring, Retaining, Ext, E, .312 |
| | | 48 3555919 | Socket Assy, Lamp, Red |
| | | 3558006 | LED Indicator Assy, Red, 17" |
| | | 3558008 | LED Indicator Assy, Red, Molex |
| | | 49 3555918 | Socket Assy, Lamp, Orange |
| | | 3558007 | LED Indicator Assy, Yellow, 14" |
| | | 3558009 | LED Indicator Assy, Yellow, Molex |
| | | 50 3550802 | Lens, Bulb-Holder, Red |
| | | 51 3550804 | Lens, Bulb-Holder, Amber |
| | | 52 3551812 | Bulb, 28V |
| | | 53 3555926 | Gasket, Neo, .25 x .63, 5.56 |
| | | 54 3555927 | Gasket, Neo, .25 x .63, 75.85 |
| | | 55 3556108 | Mounting Assy, Arm (Includes items 56 & 57) |
| | | 56 3555890 | Mount Assy, Arm |
| | | 57 3555879 | Tension Plate Assy |
| | | 58 3555889 | Mount Assy, w/Spring, Arm |
| | | 59 3555841 | n/s Bracket, Mtg |
| | | 60 3555916 | Guide, Chain, Top |
| | | 61 3555972 | Arm Assy, 4-link |
| | | 62 3555903 | Arm Assy, 3-Link |
| | | 63 3555902 | Link 1 Assy, Arm |
| | | 64 3555900 | Link 2 & 3 Assy, Arm |
| | | 65 3556336 | Link 3 Assy, Arm, 3-Link |
| | | 66 3555973 | Bearing, Flgd, UHMW, .63 OD x .50 ID |
| | | 67 3555909 | Bearing, Slv, 1/2 x 5/8 x 3/4 |
| | | 68 3555911 | Pin, Pivot Arm |
| | | 69 3555584 | Hook Assy, Arm |
| | | 70 3551347 | Pin, Pivot, w/Chain |
| | | 71 3555912 | Ring, 2 ID x .25, SS |
| | | 72 3555913 | Ring, Retaining, Ext, Cres, 0.500 |
| | | 73 3555907 | Ring, Retaining, Ext, Cres, 1.000 |
| | | 74 3555908 | Bushing, Chain |
| | | 75 3556991 | Bushing, Chain, SS |
| | | 76 3555974 | Snap, Trigger, SS |
| | | 77 1293427 | Chain, Twist-Link, SS, 4-Link |
| | | 78 3555896 | Connector, Chain, Cold Shut |
| | | 79 64 | Hinge Assy, Arm |
| | | 80 --- | Pin, Spring, SS, 3/16 x 1 |
| | | 81 3555694 | Literature 9ES-672 |
| | | 3555693 | Literature 9ES-675 |
| | | 3555692 | (Installation instructions) |
| | | | |
| | | Note: | |
| | | 1. Requires 2 - SS Switches (3557988), if not already installed. 3558958 is a direct replacement for 3558936. | |

3556473
3 Link Detacher Arm Assembly

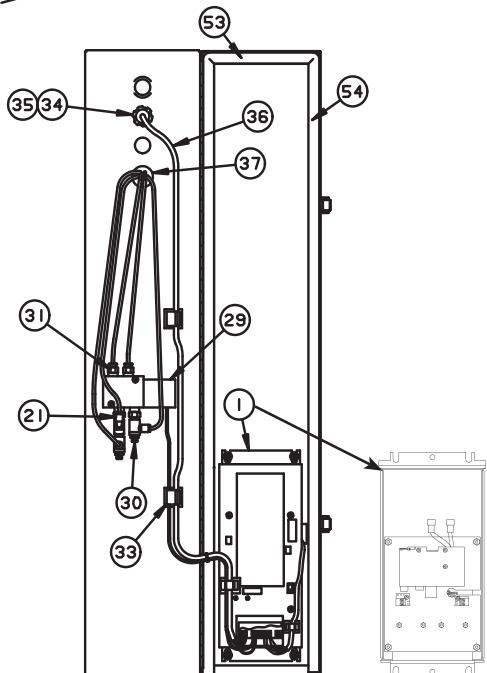
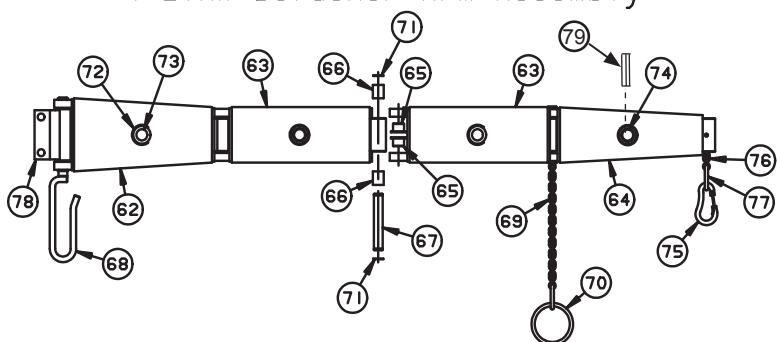


**Model 3800M & 3800D Detachers
3 & 4 Link Detacher Arm**

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 45 |
| EFFECTIVE: 5/18/20 | |

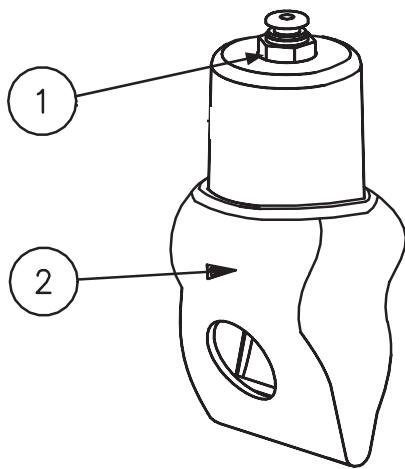


3555972
4 Link Detacher Arm Assembly



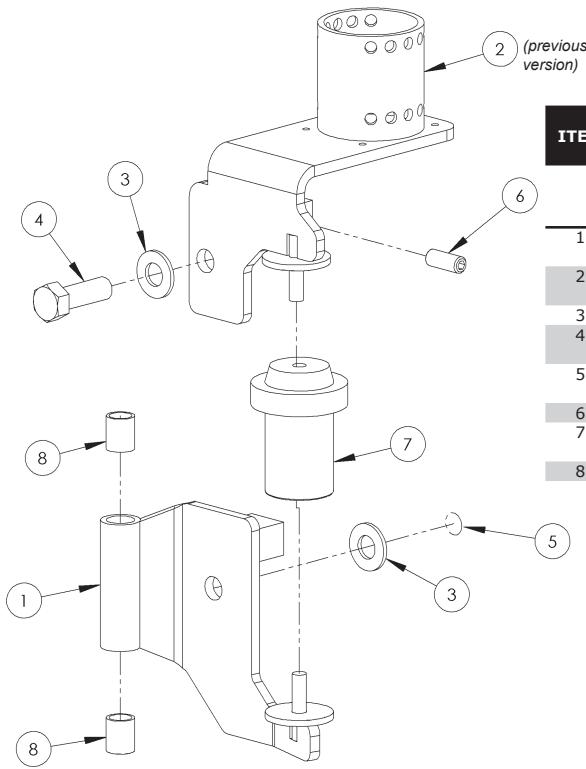
Wrapper Assembly Shown
With Door Open

3/4" Pinch Valve Assembly

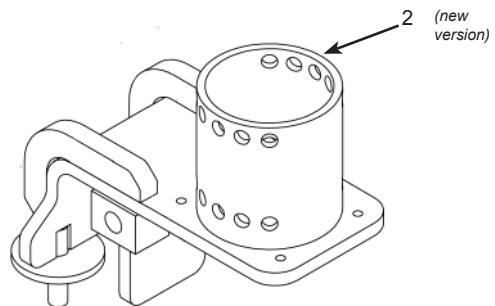


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---|----------|---|-----------------------------------|
| 3557771 <small>⊗=OBSOLETE n/s=NOT SHOWN</small> Valve Assy, Pinch, 3/4" - | | | |
| 1 | 3554159 | Conn, Push, 5/32 OD x 1/8 NPT | 1 |
| 2 | 3557773 | Boot, Positioner, 3/4" Pinch Valve | 1 |
| 3 | 3557772 | n/s Kit, Repair, 3/4" Pinch Valve (Includes seal, springs & item 2) | a/r |
| 4 | 3557969 | n/s Seal, U-Cup, Valve | 1 |

Adapter Assy, 3800, LH and Right



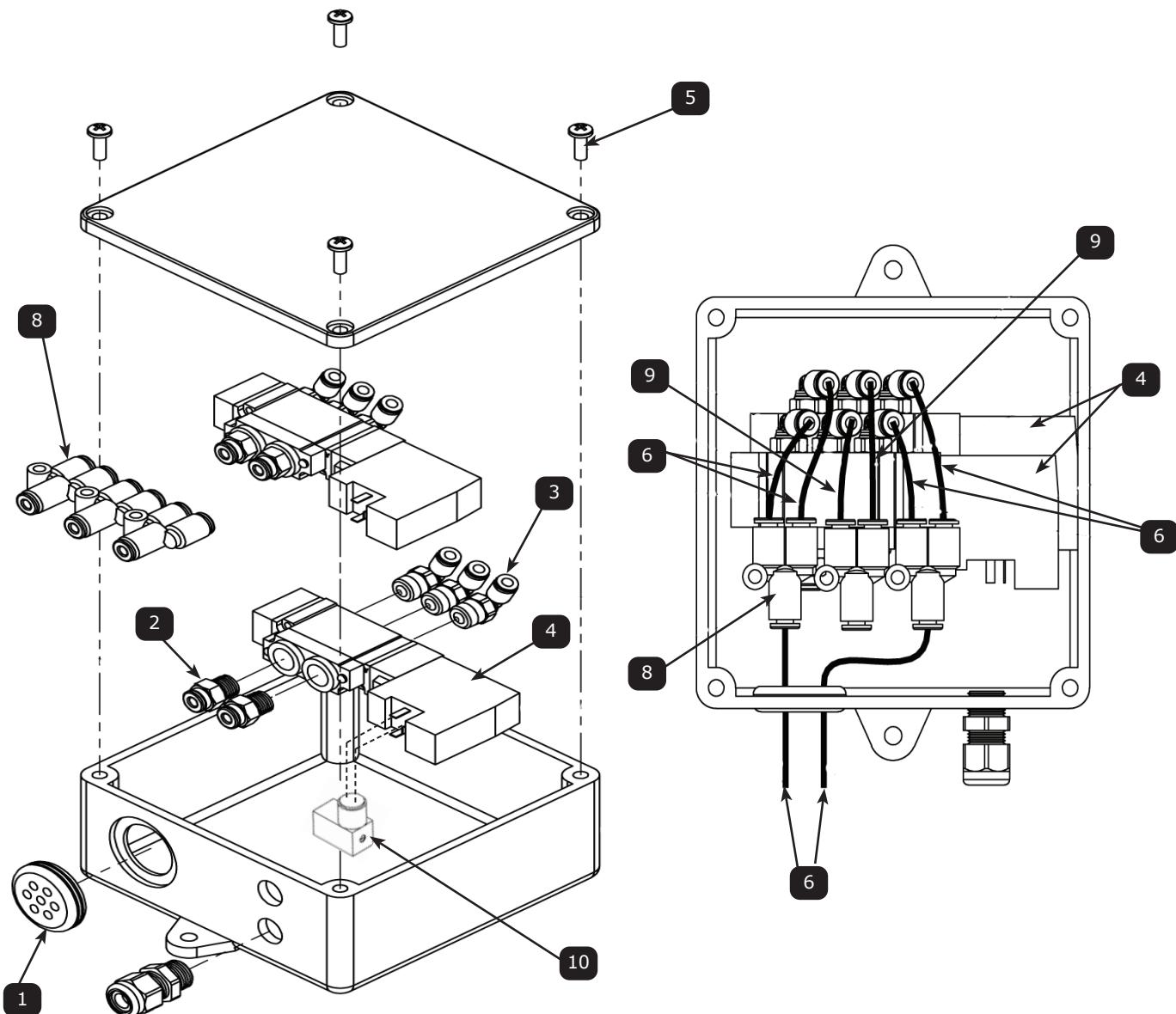
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------|--------------------------------|----------------------------------|-----------------------------------|
| 8514169 | ⊗ | Adapter Assy, 3800, LH (shown) | 4169 | |
| 8514170 | ⊗ | Adapter Assy, 3800, RH | 4170 | |
| 1 | 8514173 | ⊗ | Bracket Assy, 3800 Arm, Mtg, LH | 1 - |
| | 8514174 | | Bracket Assy, 3800 Arm, Mtg, RH | - 1 |
| 2 | 8514171 | ⊗ | Bracket Assy, 3800 Arm, Tube, LH | 1 - |
| | 8514172 | ⊗ | Bracket Assy, 3800 Arm, Tube, RH | - 1 |
| 3 | 1208390 | | Washer, Plain, SS, 1/2 | 1 1 |
| 4 | 1094008 | | CSCR,HXH,1/2-13 X 1-1/2 | 1 1 |
| | 1091070 | | CSCR,HXH,1/2-13 X 1-1/2 | 1 1 |
| 5 | 1222356 | | Nut,Lock,ELAS,SS,1/2-13 ZP | 1 1 |
| | 1280356 | | Nut,Lock,ELAS,1/2-13 ZP | 1 1 |
| 6 | 1019048 | | SSCR, Skt, SS, 3/8 - 16 x 1 | 1 1 |
| 7 | 8502256 | | Holder, Probe, 1-1/2 IN | 1 1 |
| | 8589417 | | Holder, Probe, 1-1/2 IN | 1 1 |
| 8 | 3555973 | | Bearing, Sleeve, 1/2 x 5/8 x 3/4 | 2 2 |



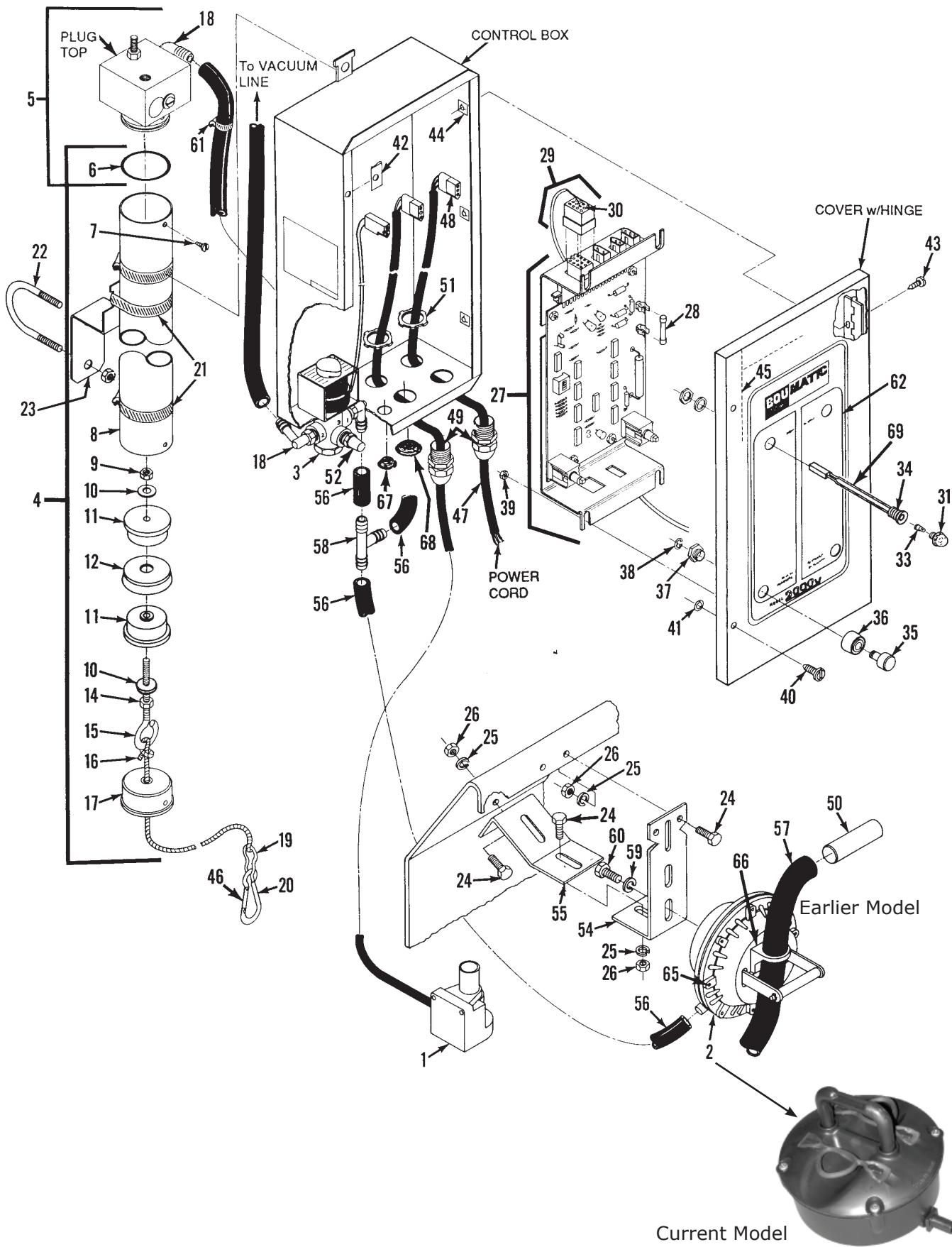
Valve Assembly, 1 & 2 Valve, Air Shut Off

| | |
|------------------------|------------|
| SECTION D | PAGE 47 |
| EFFECTIVE: 10/14/16 | |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------|-----------------------------------|-----------------------------------|------|
| | 3560956 | Enclosure Assy, 2 Valve, Air | 0956 | |
| | 3560105 | Enclosure Assy, Valve, Air | | 0105 |
| 1 | 3556157 | Grommet, Multiple, 5/32 | 1 | 1 |
| 2 | 3554159 | Conn, Push, 5/32 od X 1/8 NPT | 4 | 2 |
| 3 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 6 | 3 |
| 4 | 3559301 | Valve, 4-Way, Air, Low Power | 2 | 1 |
| 5 | ----- | MSCR, PNH, SS, 8-32 x 1/2 | 4 | 4 |
| 6 | 3556248 | Hose, Nyl, Blk, 5/32 od X 500 | a/r | a/r |
| 7 | 1917500 | Conn, Str-Rlf, .11-.25, PG7 | 1 | 1 |
| 8 | 8507088 | Conn, Push, Union Y, 5/32 | 3 | - |
| 9 | 3556251 | Hose, Nyl, Nat, 5/32 OD x 500 | a/r | - |
| 10 | 8503751 | Connector, Din, Solenoid | 1 | 2 |



Model 2000V Detacher Assemblies



Model 2000V Detacher Assemblies

| | |
|---------------------|-------------------|
| SECTION D | PAGE 49 |
| EFFECTIVE: 8/11/23 | |

| ITEM | PART NO. | ⊗ = OBSOLETE n/s = NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r = AS REQ.) |
|------|----------------------|---------------------------------|---|------------------------------|
| | 3553717 | ⊗ | Detacher, Model 2000V | - |
| | 3555680 | ⊗ | Detacher, Model 2000V, 3 Min | - |
| 1 | 3553722 | | Sensor Assy, Flow | 1 |
| | 3553789 | ⊗ | Valve, Shutoff (Includes item 2A, 65 & 66) | 1 |
| 2 | 24393 | | Valve, Vacuum Pinch, 5/8" - 3/4" (Replacement for 3553789) | a/r |
| 2A | 3553801 | n/s | Diaphragm, Shutoff Valve | 1 |
| | 24395 | n/s | Seal,U-cup,Vacuum Pinch Valve | 1 |
| 3 | 3553834 | | Valve Assy, Solenoid, 3-Way (Includes item 3A, 53 and 2 of item 30) | 1 |
| 3A | 3553846 | ⊗ n/s | Coil Assy, Solenoid Valve, 24VDC (Includes Connector) | 1 |
| 4 | 3553719 ² | ⊗ | Cylinder Assy, Vac, 2 In, SS (Includes items 6 thru 17 & Plug Top) | 1 |
| 5 | 3554615 | | Plug Assy, 2000V & VM (Parts on page D-60. Includes items 6 & 18 and Plug Top) | 1 |
| 6 | 3553693 | | O-ring, 1.674 x .103, Buna-N | 1 |
| 7 | 1027275 | | TFSCR, PNH, SS, 10-16 x 1/2 AB | 4 |
| 8 | 3553705 | | Cylinder, Vacuum, 2 In | 1 |
| 9 | 1280352 | | Nut, Lock, Elas, 1/4-20, ZP | 1 |
| 10 | 3553726 | | Washer, Sealing | 2 |
| 11 | 3553708 | | Piston, Section, Vac Cyl | 2 |
| 12 | 3553692 | | Cup, Piston | 1 |
| | 3557216 | ⊗ n/s | Cup, Piston, Special | or 1 |
| 14 | 1273352 | | Nut, Hex, 1/4-20 | 1 |
| 15 | 3553709 | | Eyebolt, 1/4-20 x 3.75 x .50 x 2.75 | 1 |
| | 8560742 | ⊗ n/s | Cord, Braided, Nylon, 3/16 Dia | a/r |
| 16 | 8580139 | ⊗ n/s | Rope, AMSteel, 1/8 | a/r |
| | 8587717 | n/s | Rope, Dyneema, 1/8" x 100' | a/r |
| 17 | 3553706 | | Plug, bottom | 1 |
| 18 | 3553790 | | Elbow, 90, Nyl, 1/4 NPT x 3/8 | 3 |
| | | Hose | | |
| 19 | 8508268 | ⊗ | Link, Break-Away | 1 |
| 20 | 3551342 | ⊗ | Snap, Trigger, SS (Includes item 46) | 1 |
| | 3556991 | | Snap, Spring, SS, Looped | 1 |
| 21 | 8510201 | | Clamp, Hose, SS, #28, 1.31-2.25 | 4 |
| 22 | 8560011 | | U-Bolt, ZP, 5/16-18 x 2 In | 2 |
| 23 | 3554475 | | Bracket, Mtg, 2101 | 2 |
| 24 | 1091008 | | CSCR, HXH, SS, 1/4-20 x 3/4 | 4 |
| 25 | 1209386 | | Wshtr, Lock, Hlcl Spr, SS, 1/4 | 4 |
| 26 | 1203352 | | Nut, Hex, SS, 1/4-20 | 4 |
| 27 | 3654948 | ⊗ | PWB & Brkt Assy, Det/Only, 3 Min (Includes item 28) | 1 |
| 28 | 1931919 | ⊗ | Fuse, 2.00A, 250V, Fast, 1.25 x .25 | 1 |
| | 3552057 | ⊗ | Wire Assy, Lights, Detacher | 1 |
| 29 | 3554453 ¹ | ⊗ | Wire Harness, Lights/Control (Includes Molex Plug and 3 of item 30) | 1 |
| 30 | 1916730 | ⊗ n/s | Conn, Pin, .093, F, 18-22, .06/.12 | 8 |
| 31 | 3550804 | | Lens, Bulb-Holder, Amber | 1 |
| 32 | 3550802 | n/s | Lens, Bulb-Holder, Red | 1 |
| | 3551812 | | Bulb, 28V (shown) | 2 |
| 33 | 1923325 | | Diode, LED, Red, 28V | or 1 |
| | 1923326 | | Diode, LED, Yel, 28V | & 1 |
| | 3554901 | ⊗ n/s | Kit, Valve Assy, 2000VA (Parts on page D-60) | 1 |

Note:

- When replacing Wire Assy 3552057 on earlier versions with Wire Harness 3554453, Bulb Holders must be replaced with Socket Assy 3554306.
- Petroleum jelly lubricant no longer recommended when assembling item 4. Item 12 (3553692 - Cup, Piston) now comes impregnated with lubricant.
- Replacement for 3553786.

Model 2000VM Detacher Assembly

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------|----------------------|--|----------------------------|
| | | ⊗ = OBSOLETE n/s = NOT SHOWN | |
| 3553879 | ⊗ | Detacher, Model 2000VM | - |
| 1 | 3553719 | Cylinder Assy, Vac, 2 In, SS (Parts on page D-124) | 1 |
| 2 | 3553834 | Valve Assy, Solenoid, 3-Way (Includes item 3, 4, 6 and 2 of item 5) | 1 |
| 3 | 3553846 | Coil Assy, Solenoid Valve, 24VDC (Includes item 4 and 2 of item 5) | 1 |
| 4 | 1916902 | Connector, Recept, FH, 2-Pin | 1 |
| 5 | 1916730 | n/s Conn, Pin, .093, F, 18-22, .06/.12 | 5 |
| 6 | 3553833 | Valve, Solenoid, 3-Way | 1 |
| 7 | 3553789 | Valve, Shut-off (Includes items 56, 57 & 58) | 1 |
| | 24393 | Valve, Vacuum Pinch, 5/8 - 3/4" (Replacement for 3553789) | a/r |
| 8 | 3553819 | Bracket, Milk Meter | 1 |
| 9 | 3553805 | Bracket, Mtg | 1 |
| 10 | 3553806 | Bracket, Mtg | 1 |
| 11 | 3656388 | PWB & Brkt Assy, D/Meter, Prec, w/ cb1 (Includes item 13. Parts on page D-44) | 1 |
| 12 | 3554091 ¹ | Panel Assy, 2000VM, w/Kybd (Includes item 13. Parts on page D-44) | 1 |
| 13 | 1931919 | Fuse, 2.00A, 250V, Fast, 1.25 x .25 | 1 |
| 14 | 8510201 | Clamp, Hose, SS, #28, 1.31-2.25 | 4 |
| 15 | 3552013 | Plunger, Switch | 2 |
| 16 | 3552012 | Retainer, Plunger Switch, Detacher, SS | 2 |
| 17 | 3557988 | Bushing, Plunger | 2 |
| 18 | 3550833 | Ring, Retaining, Ext, E, .312 | 2 |
| 19 | 3550802 | Lens, Bulb-Holder, Red | 1 |
| 20 | 3551812 | Bulb, 28V | 2 |
| 21 | 3550801 | Holder, Bulb | 2 |
| 22 | 3550804 | Lens, Bulb-Holder, Amber | 1 |
| 23 | 3551822 | Screw, Quick-Open, SS, 12 x 3/4 | 2 |
| 24 | 3551777 | Retainer, Quick-Open, No.12 | 2 |
| 25 | 1223378 | Nut, Hex, Flange, Lock, 8-32 ZP | 4 |
| 26 | 3555237 | Kit, Repair, Cover Gasket, Set | 2 |
| 27 | 3554458 | Clip, Trigger Snap | 2 |
| 28 | 1096216 | MSCR, PNH, SS, 10-32 x 3/8 (Use ONLY with item 29 [1225380]) | 3 |
| | 1027275 | TFSCR, PNH, SS, 10-16 x 1/2 AB (shown) (Use ONLY with item 29 [3551863]) | 3 |
| 29 | 1225380 | Nut, Hex, Flange, Lck, 10-32, SS | 3 |
| | 3551863 | Nut, Speed, #10 (shown) | 3 |
| 30 | 3555877 | Nut, Quick-Open, No.12, SS | 2 |
| 31 | 1209388 | Wshr, Lock, Hcl Spr, SS, 3/8 | 1 |
| 32 | 3552550 | Cable Assy, M/M, Pre-greased (Parts on page D-130) | 1 |
| 33 | 3552539 | Cord Assy, Power (Includes items 34 and 3 of item 5) | 1 |
| 34 | 1916903 | Connector, Recept, FH, 3-Pin | 1 |
| 35 | 3553790 | Elbow, 90, Nyl, 1/4 NPT x 3/8 Hose | 3 |
| 36 | 8551136 | Muffler, Filter, 1/4 NPT | 1 |
| 37 | 3553791 | Tee, Nyl, 3/8 x 3/8 x 3/8 | 1 |
| 38 | 1917532 | Conn, Str-Rlf, .27-.46, 1/2 NPT | 2 |
| 39 | 8506805 | Hose, Vinyl, .38 x .125W, Blk/Wht (Part No. represents 1 foot) | a/r |
| 40 | 8560011 | U-Bolt, ZP, 5/16-18 x 2 In | 2 |
| 41 | 3554475 | Bracket, Mtg, 2101 | 2 |
| 42 | 8508268 | Link, Break-Away | 1 |
| 43 | 3551342 | Snap, Trigger, SS (Includes item 27) | 1 |
| | 3556991 | Snap, Spring, SS, Looped | 1 |
| 44 | 3553786 | Hose, Rbr, .62 x .206W x 1' | a/r |
| | 8591627 ² | Hose, Rbr, .62 x .206W x 50' | |
| 45 | 3553772 | Tube, SS, .750 x .049 x 2.50 | 1 |
| 46 | 8513814 | Nut, Lock, Conduit, 1/2 NPT | 2 |
| 47 | 3551754 | Plug, Int, Plstc, 0.50 | 1 |
| 48 | 3551755 | Plug, Int, Plstc, 0.88 | 2 |
| 49 | 8510104 | Clamp, Hose, SS, #7, .25-.62 | 1 |
| 50 | 1091046 | CSCR, HXH, SS, 3/8-16 x 3/4 | 1 |
| 51 | 1091008 | CSCR, HXH, SS, 1/4-20 x 3/4 | 4 |
| 52 | 1209386 | Wshr, Lock, Hcl Spr, Ss, 1/4 | 4 |
| 53 | 1203352 | Nut, Hex, SS, 1/4-20 | 4 |
| 54 | - - - | Literature 9P-448 (Installation & Service Instructions) | a/r |
| 55 | - - - | Literature 9P-447 (Operator's Instructions) | a/r |
| 56 | 3553801 | Diaphragm, Shut-off Valve | 1 |
| 57 | 3554186 | Holder, Hose, Shut-off Valve | 1 |
| 58 | 8511922 | TFSCR, PNH, Z10, 5mm x 16mm | 8 |

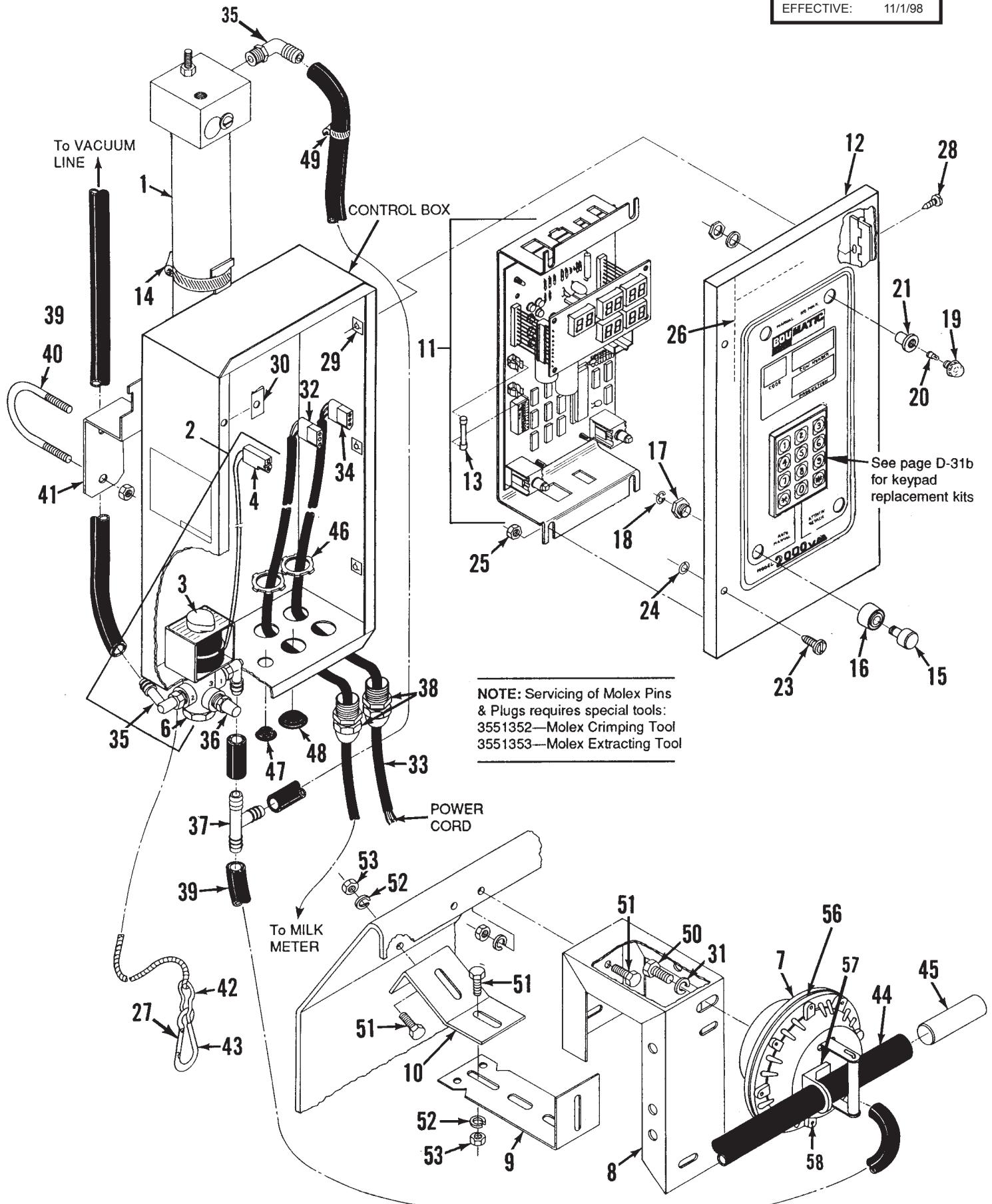
Note:

- When replacing old detacher meter board with this panel assembly, Detacher/Meter Cable Assy (3555276) will also be needed.
- Replacement for 3553786.

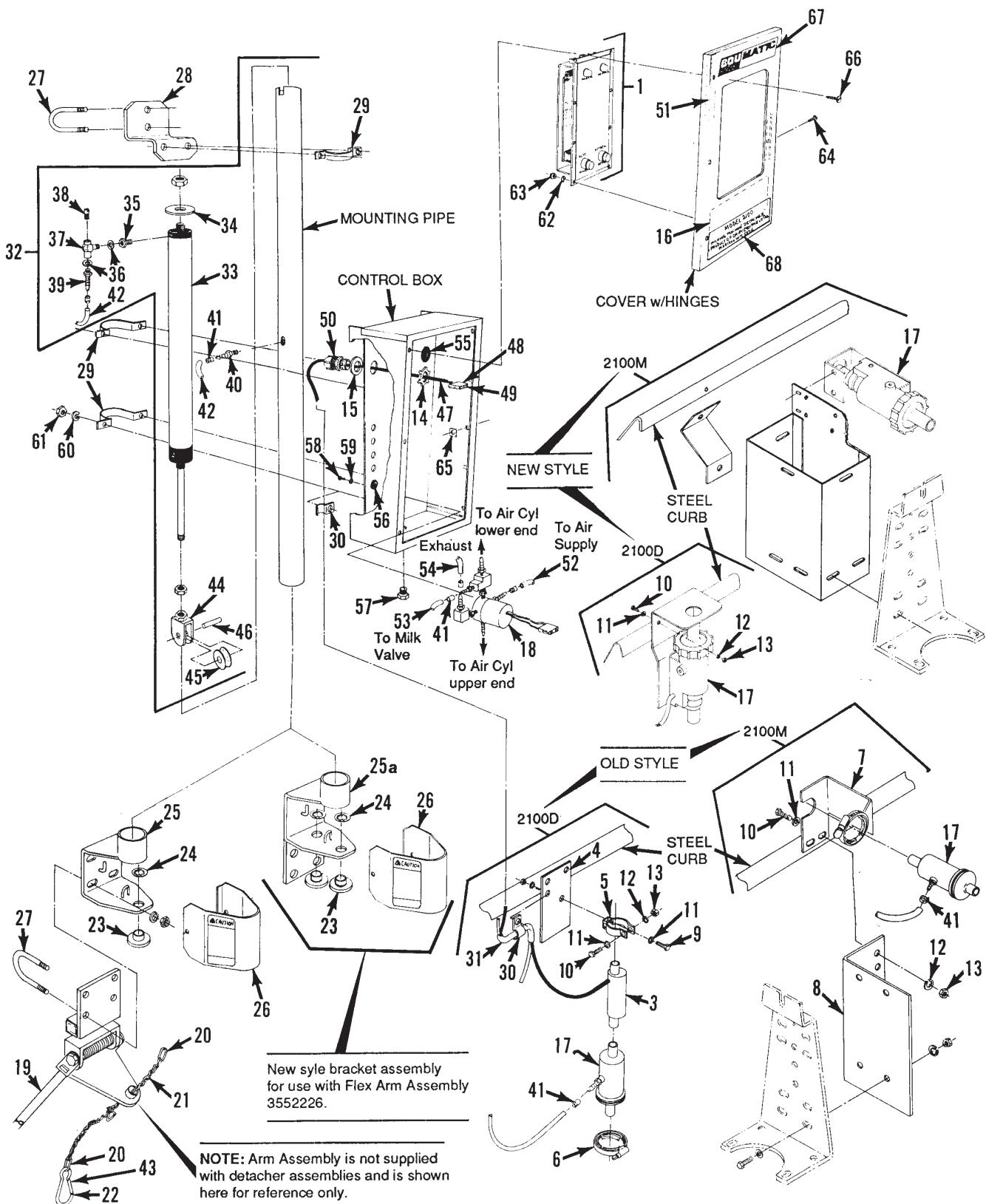
Model 2000VM Detacher Assembly

SECTION D
EFFECTIVE: 11/1/98

PAGE 51



Model 2100D & 2100M Detachers



Model 2100D & 2100M Detachers

| | |
|---------------------|-------------------|
| SECTION D | PAGE 53 |
| EFFECTIVE: 10/15/04 | |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|---------|----------------------|--|---|-----------------|
| | | ⊗ =OBSOLETE n/s=NOT SHOWN | | |
| 3552103 | ⊗ | Detacher, Model 2100D (shown) | 03 | |
| 3552104 | ⊗ | Detacher, Model 2100M | 04 | |
| 3553307 | ⊗ | Detacher, Model 2100D | 07 | |
| 3553313 | ⊗ | Detacher, Model 2100M | 13 | |
| 1 | 3552253 | Control Assy, Detr w/Panel (shown) | 1 - 1 - | |
| | 3552265 | Control Assy, Detr w/Meter | - 1 - 1 | |
| 2 | 3552550 | n/s Cable Assy, M/M, Pre-greased (Parts on page D-130) | - 1 - 1 | |
| 3 | 3552164 ¹ | Sensor Assy, Flow (shown) | 1 - - - | |
| | 3553722 ¹ | Sensor Assy, Flow (Parts on page D-130) | 1 - - - | |
| 4 | 3552169 | Plate, Mounting, Flow-Sensor | 1 - - - | |
| 5 | 3552165 | Hanger, Conduit | 1 - - - | |
| 6 | 8507932 | Clamp, Band, SS, 1-1/2 | 1 - - - | |
| 7 | 3552187 | Bracket Assy, Model 2100M | - 1 - - | |
| 8 | 3552191 | Bracket, Ell, Milk Meter | - 1 - - | |
| 9 | 1091010 | CSCR, HXH, SS, 1/4-20 x 1 | 2 - - - | |
| 10 | 1091007 | CSCR, HXH, SS, 1/4-20 x 5/8 | - 6 - 6 | |
| 11 | 1208386 | Washer, Plain, SS, 1/4 | 2 6 2 6 | |
| 12 | 1209386 | Wsh, Lock, Hcl Spr, SS, 1/4 | 2 6 2 6 | |
| 13 | 1203352 | Nut, Hex, SS, 1/4-20 | 2 6 2 6 | |
| 14 | 8513814 | Nut, Lock, Conduit, 1/2 NPT | 2 3 2 3 | |
| 15 | 3552168 | Gasket, Str-Rel, Connector | 2 3 2 3 | |
| 16 | 3552073 | Label, Wiring Diag | 1 - 1 - | |
| | 3552682 | Valve Assy, Milk (Parts on page D-131) | - - - 1 | |
| | 3552098 | Valve Assy, Sensor, w/Mtg Brkt | 1 - 1 - | |
| 18 | 3552153 | Valve Assy, Solenoid, M2100 (Parts on D-130) | 1 1 1 1 | |
| 19 | 3552226 ² | Arm Assy, 2100 Flex (Parts on page D-125) | 1 1 1 1 | |
| 20 | 3551341 | Link, Chain-Connector, SS | 2 2 2 2 | |
| 21 | 3552130 | Chain, Twist-Link, SS, 50 In | 1 1 1 1 | |
| | 3557646 | Chain, Twist-Link, SS, 50 In x.120 | 1 1 1 1 | |
| 22 | 3551342 | Snap, Trigger, SS (Includes item 43) | 1 1 1 1 | |
| | 3556991 | Snap, Spring, SS, Looped | 1 1 1 1 | |
| 23 | 3554396 ³ | Bushing, Chain Guide | 2 2 2 2 | |
| 24 | 3551909 ³ | Ring, Retaining,Push-On, Ext, .75 | 2 2 2 2 | |
| 25 | 3552125 | Bracket Assy, Mounting | 1 1 1 1 | |
| 25a | 3552257 | Bracket Assy, Mounting | 1 1 1 1 | |
| 26 | 3552261 | Guard Assy, w/Caution Label | 1 1 1 1 | |
| 27 | 8560011 | U-Bolt, ZP, 5/16-18 x 2 In | 3 3 3 3 | |
| 28 | 3552143 | Bracket, Mtg, Stall | 1 1 1 1 | |
| 29 | 3552126 | Clamp, U, 1.75 OD Pipe | 3 3 3 3 | |
| 30 | 3552157 | Clamp, Tube, 3/4 OD, SS | 2 2 2 2 | |
| 31 | 3552152 | Hose, Rbr, Reinf., .50 x 46.00 | 1 1 1 1 | |
| 32 | 3552121 | Cylinder Assy, Air, 2100 (Includes items 33 thru 46) | 1 1 1 1 | |
| 33 | 3552132 | Cylinder, Air, 1.50 x 18.00 | 1 1 1 1 | |
| 34 | 1208392 | Washer, Plain, SS, 3/4 | - - - - | |
| | 35 | 8551081 | Bushing, Brs, 1/8 NPT x 10-32 | - - - - |
| | 36 | 8551087 | Gasket, Rbr, .125 ID, Pk of 25 | 2* 2* 2* 2* |
| | | (*No. of gaskets, not packs of 25) | | |
| | 37 | 8552276 | Valve, Shuttle | 1 1 1 1 |
| | 38 | 8552262 | Screw, Nylon, Metering | 1 1 1 1 |
| | 39 | 8551086 | Adapter,1/8 Hosex10-32,w/Gskt | 1 1 1 1 |
| | 40 | 8551082 | Adapter, 1/8 Hose x 1/8 NPT | 2 2 2 2 |
| | 41 | 8551135 | Clamp, Brs, 1/8 Hose | 9 9 9 9 |
| | 42 | 8551078 | Hose,Polyureth,.12 x .062W,Red | a/r a/r a/r a/r |
| | 43 | 3554458 | Clip, Trigger Snap | 1 1 1 1 |
| | | 3552117 | Bracket Assy, Pulley | 1 1 1 1 |
| | 44 | 3558960 | Clevis Assy, Cylinder, Air (Parts on Page D-54) | 1 1 1 1 |
| | 45 | 3551872 | Pulley, Sgl-Grv, 1.25 | 1 1 1 1 |
| | 46 | 3552114 | Pin, Drive, Model 2100 | 1 1 1 1 |
| | 47 | 3552539 | Cord Assy, Power (Includes items 48 & 49) | 1 1 1 1 |
| | 48 | 1916903 | Connector, Recept, FH, 3-Pin | 1 1 1 1 |
| | 49 | 1916719 | n/s Conn,Pin, .093, F, 18-22, .06/.12 | 3 3 3 3 |
| | 50 | 1917532 | Conn, Str-Rif, .27-.46, 1/2 NPT | 1 1 1 1 |
| | 51 | 3555236 | Kit, Repair, Cover Gasket, Set | 2 2 2 2 |
| | 52 | 8551199 | Hose,Polyureth,.12 x .062W,T Yel | a/r a/r a/r a/r |
| | 53 | 8551197 | Hose,Polyureth,.12 x .062W, Wht | a/r a/r a/r a/r |
| | 54 | 8551080 | Hose,Polyureth,.12 x .062W,Gra | a/r a/r a/r a/r |
| | 55 | 3551755 | Plug, Int, Plstc, 0.88 | 2 2 2 2 |
| | 56 | 4009318 | Grommet, 0.25 ID x 0.56 OD | 5 5 5 5 |
| | 57 | 3553110 | Vent, Breather, 1/8 NPT | 1 1 1 1 |
| | 58 | 1096216 | MSCR, PNH, SS, 10-32 x 3/8 | 2 2 2 2 |
| | 59 | 3551201 | Washer, Sealing, SS, No.8 | 2 2 2 2 |
| | 60 | 1209387 | Wsh, Lock, Hcl Spr, SS, 5/16 | 4 4 4 4 |
| | 61 | 1203353 | Nut, Hex, SS, 5/16-18 | 4 4 4 4 |
| | 62 | 1209383 | Wsh, Lock, Hcl Spr, SS, #8 | 8 8 8 8 |
| | 63 | 1204378 | Nut, Hex, Mscr, SS, 8-32 | 8 8 8 8 |
| | 64 | 1027275 | TFSCR, PNH, SS, 10-16 x 1/2 | 5 5 5 5 |
| | 65 | 3551863 | Nut, Speed, #10 | 5 5 5 5 |
| | 66 | 1223380 ⁴ | n/s Nut, Hex, Flange, Lck, 10-32 ZP | 5 5 5 5 |
| | 67 | 1002010 | MSCR, RDH, SS, 1/4-20 x 1 | 3 3 3 3 |
| | 68 | 8506120 | Label, Bou-Matic, 2.5 x 6 | 1 1 1 1 |
| | 69 | 3552195 | Label, Model 2100 Detacher | 3 3 3 3 |
| | 69 | 1979007 | n/s Tie, Cable, 11.50 x .18 | 3 3 3 3 |

Note:

1. Sensor Assy not needed when Sensor-Valve Assy 3552098 (item 17) is used.
2. Arm Assembly shown on Page D-56 is part 3552102. See Page D-57 for new Arm Assembly details.
3. Only 1 each required when using Bracket Assembly, item 25.
4. When Flanged Hex Nuts are used as replacements for #10 Speed Nuts (3551863), extra quantities of Item 58 (10-32 MSCR) will be needed to replace Item 64 (10-16 TFSCR).

Model 2101M Detacher Assembly

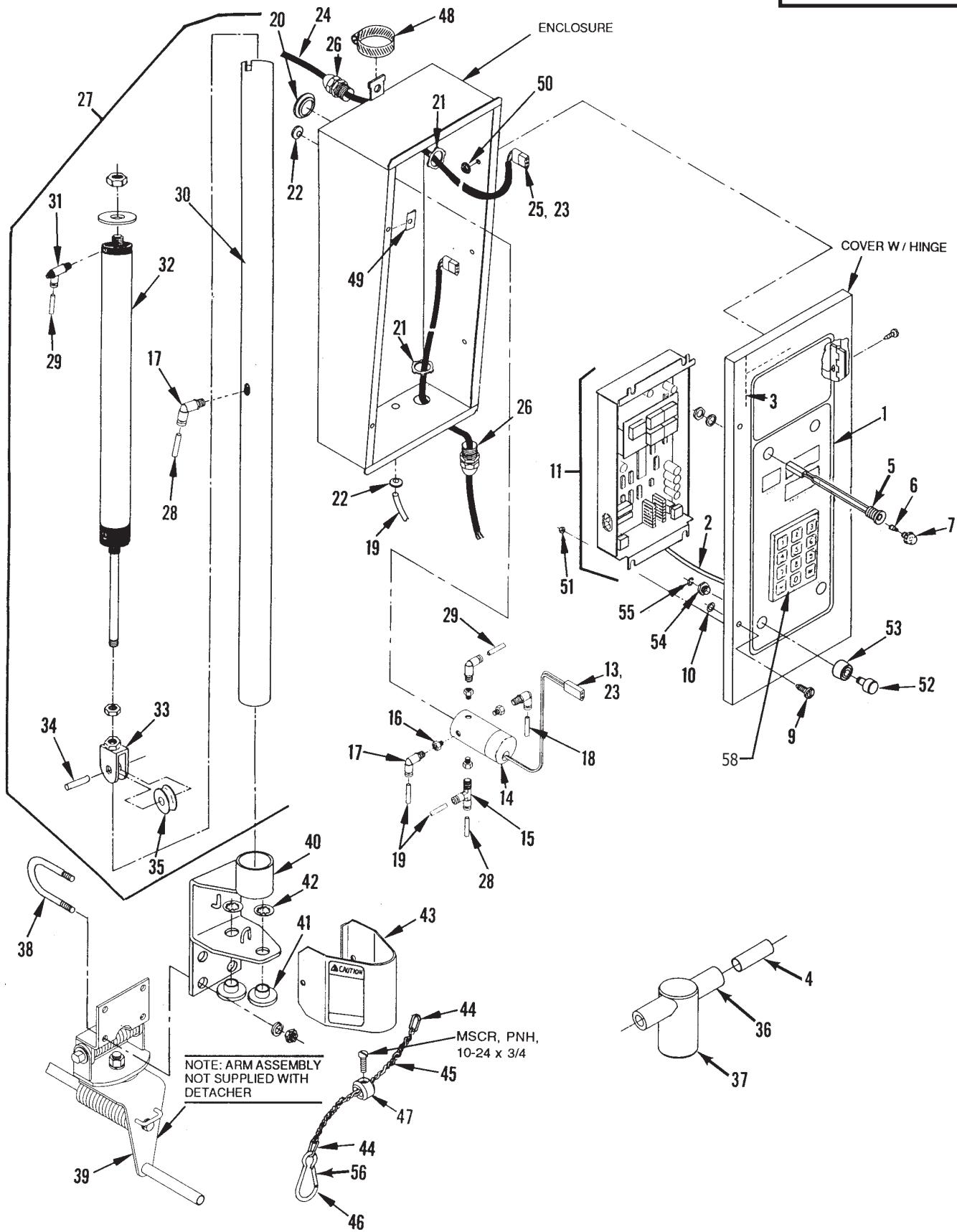
| ITEM | PART NO. | ⊗ n/s=NOT SHOWN | DESCRIPTION | QTY .REQ. a/r=AS REQ. |
|------|----------------------|--------------------|---|--------------------------|
| | 3554605 | ⊗ | Detacher, Model 2101M | - |
| 1 | 3554600 | ⊗ | Label, Cover, 2101M | 1 |
| 2 | 3555273 | ⊗ | Keypad, Sqr Key, Cable, w/o Lamp | 1 |
| 3 | 3555238 | ⊗ | Kit, Repair, Cover Gasket, Set | 2 |
| 4 | 3553772 | | Tube, SS, .750 x .049 x 2.50 | 1 |
| 5 | 3554306 | | Socket Assy, Lamp | 2 |
| 6 | 3551812 | | Bulb, 28V | 2 |
| 7 | 3550804 | | Lens, Bulb-Holder, Amber | 1 |
| 8 | 3550802 | n/s | Lens, Bulb-Holder, Red | 1 |
| 9 | 3551822 | | Screw, Quick-Open, SS, 12 x 3/4 | 2 |
| 10 | 3551777 | | Retainer, Quick-Open, No.12 | 2 |
| | 3553462 | ⊗ | PWB & Brkt Assy, Det/Meter (Includes item 12) | 1 |
| 11 | 3656388 | ⊗ | *Pwb & Brkt Assy, D/Mtr, Prec, w/Cbl (Parts on page D-44) | 1 |
| 12 | 1931828 | n/s | Fuse, 3.00A, 250V, Slow, 1.25 x .25 | 2 |
| 13 | 1916902 | | Connector, Recept, FH, 2-Pin | 1 |
| 14 | 3552112 | ⊗ | Valve, Solenoid, Model 2100 | 1 |
| | 3555933 | | Valve, Solenoid, 24 VDC | 1 |
| 15 | 3554331 | | Conn, Push, Tee, 5/32 OD x 1/8 NPT | 1 |
| 16 | 3551711 | ⊗ | Bushing, Hex, Brs, 1/4 x 1/8 | 4 |
| 17 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 4 |
| 18 | 3554115 | | Hose, Nyl, Nat, 5/32 OD x 100 Ft | a/r |
| 19 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r |
| 20 | 3551755 | | Plug, Int, Plstc, 0.88 | 1 |
| 21 | 8513814 | | Nut, Lock, Conduit, 1/2 NPT | 2 |
| 22 | 3554469 | ⊗ | Grommet, 0.16 ID x 0.38 OD | 5 |
| 23 | 1916730 | ⊗ n/s | Conn, Pin, .093, F, 18-22, .06/.12 | 8 |
| 24 | 3552539 | ⊗ | Cord Assy, Power (Includes item 25 and 3 of item 23) | 1 |
| 25 | 1916903 | | Connector, Recept, 3 Pin, w/Tabs | 1 |
| 26 | 1917532 | | Conn, Str-Rif, .27-.46, 1/2 NPT | 2 |
| 27 | 3554360 | ⊗ | Cylinder Assy, Air, 2101 (Includes items 30-35 and 1 of item 17) | 1 |
| 28 | 3554174 | | Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r |
| 29 | 3554440 | | Hose, Nyl, Grn, 5/32 OD x 100 Ft | a/r |
| 30 | 3552171 | | Pipe, Mounting, w/Stop Lug | 1 |
| 31 | 3554444 | | Valve, Control, Flow, 1/8 NPT | 1 |
| 32 | 3552132 | | Cylinder, Air, 1.50 x 18.00 | 1 |
| 33 | 3552117 | ⊗ | Bracket Assy, Pulley | 1 |
| | 3558960 | | Clevin Assy, Cylinder, Air | 1 |
| 34 | 3552114 | | Pin, Drive, Model 2100 | 1 |
| 35 | 3551872 | | Pulley, Sgl-Grv, 1.25 | 1 |
| 36 | 3553443 | | Hose, Rbr, .62 x 6.00 | 1 |
| 37 | 3554280 | ⊗ | Valve Assy, Pinchoff (Parts on page D-60) | 1 |
| 38 | 8560011 | | U-Bolt, ZP, 5/16-18 x 2 In | 2 |
| 39 | 3552226 | | Arm Assy, 2100 Flex (Parts on page D-125) | 1 |
| 40 | 3552257 | | Bracket Assy, Mounting | 1 |
| 41 | 3554396 | | Bushing, Chain-Guide | 2 |
| 42 | 3551909 | | Ring, Retaining, Push-On, Ext, .75 | 2 |
| 43 | 3552261 | | Guard Assy, w/Caution Label | 1 |
| 44 | 3551341 | | Link, Chain-Connector, SS | 2 |
| | 3552130 | ⊗ | Chain, Twist-Link, SS, 50 In | 1 |
| 45 | 3557646 | | Chain, Twist-Link, SS, 50 In x .120 | 1 |
| 46 | 3551342 | ⊗ | Snap, Trigger, SS (Includes item 56) | 1 |
| | 3556991 | | Snap, Spring, SS, Looped | 1 |
| 47 | 3556426 ¹ | | Stop, Chain | 1 |
| 48 | 8510201 | | Clamp, Hose, SS, #28, 1.31-2.25 | 3 |
| 49 | 3555877 | | Nut, Quick-Open, No.12, SS | 2 |
| 50 | 1223380 | ⊗ | Nut, Hex, Flange, Lck, 10-32, ZP | 3 |
| 51 | 1223378 | ⊗ | Nut, Hex, Flange, Lck, 8-32, ZP | 4 |
| 52 | 3552013 | | Plunger, Switch | 2 |
| 53 | 3552012 | ⊗ | Retainer, Plunger | 2 |
| | 3557988 | | Switch, Detacher, SS | 2 |
| 54 | 3552006 | | Bushing, Plunger | 2 |
| 55 | 3550833 | | Ring, Retaining, Ext, E, .312 | 2 |
| 56 | 3554458 | ⊗ | Clip, Trigger Snap | 1 |
| | | | Literature 9P-566 | ref |
| 57 | - - - | | (Installation & operation instructions) | |
| | 3555694 | | Keypad, Oval Key, w/o Cable | a/r |
| 58 | 3555693 | | Keypad, Oval Key, w/Lamp | a/r |
| | 3555692 | | Keypad, Oval Key, w/o Lamp | a/r |

Note:

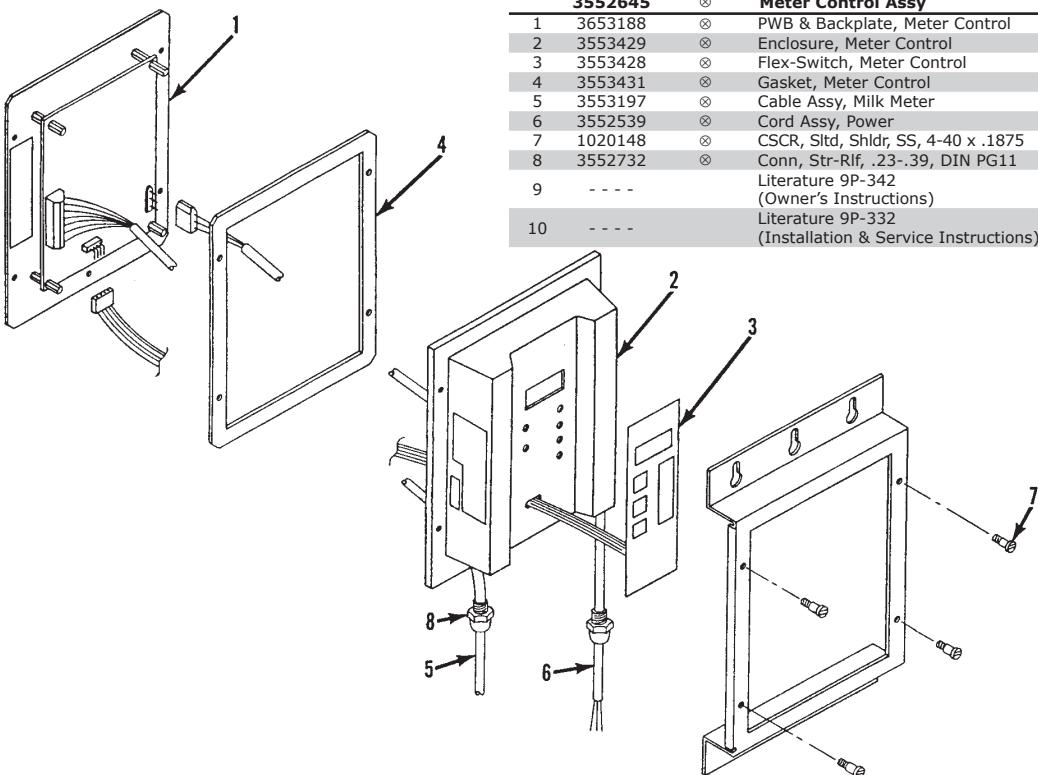
1.Chain Stop replaces Cold Shut Chain Connector on earlier versions.

Model 2101M Detacher Assembly

SECTION D PAGE 55
EFFECTIVE: 11/1/95



Meter Control Assembly



| ITEM | PART NO. | X=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|--|-------------|
| | | | | a/r=AS REQ. |
| | 3552645 | X | Meter Control Assy | - |
| 1 | 3653188 | X | PWB & Backplate, Meter Control | 1 |
| 2 | 3553429 | X | Enclosure, Meter Control | 1 |
| 3 | 3553428 | X | Flex-Switch, Meter Control | 1 |
| 4 | 3553431 | X | Gasket, Meter Control | 1 |
| 5 | 3553197 | X | Cable Assy, Milk Meter | 1 |
| 6 | 3552539 | X | Cord Assy, Power | 1 |
| 7 | 1020148 | X | CSCR, Sltd, Shldr, SS, 4-40 x .1875 | 4 |
| 8 | 3552732 | X | Conn, Str-Rlf, .23-.39, DIN PG11 | 2 |
| 9 | - - - | | Literature 9P-342 (Owner's Instructions) | ref |
| 10 | - - - | | Literature 9P-332 (Installation & Service Instructions) | ref |

Model 2101 Detacher Assembly

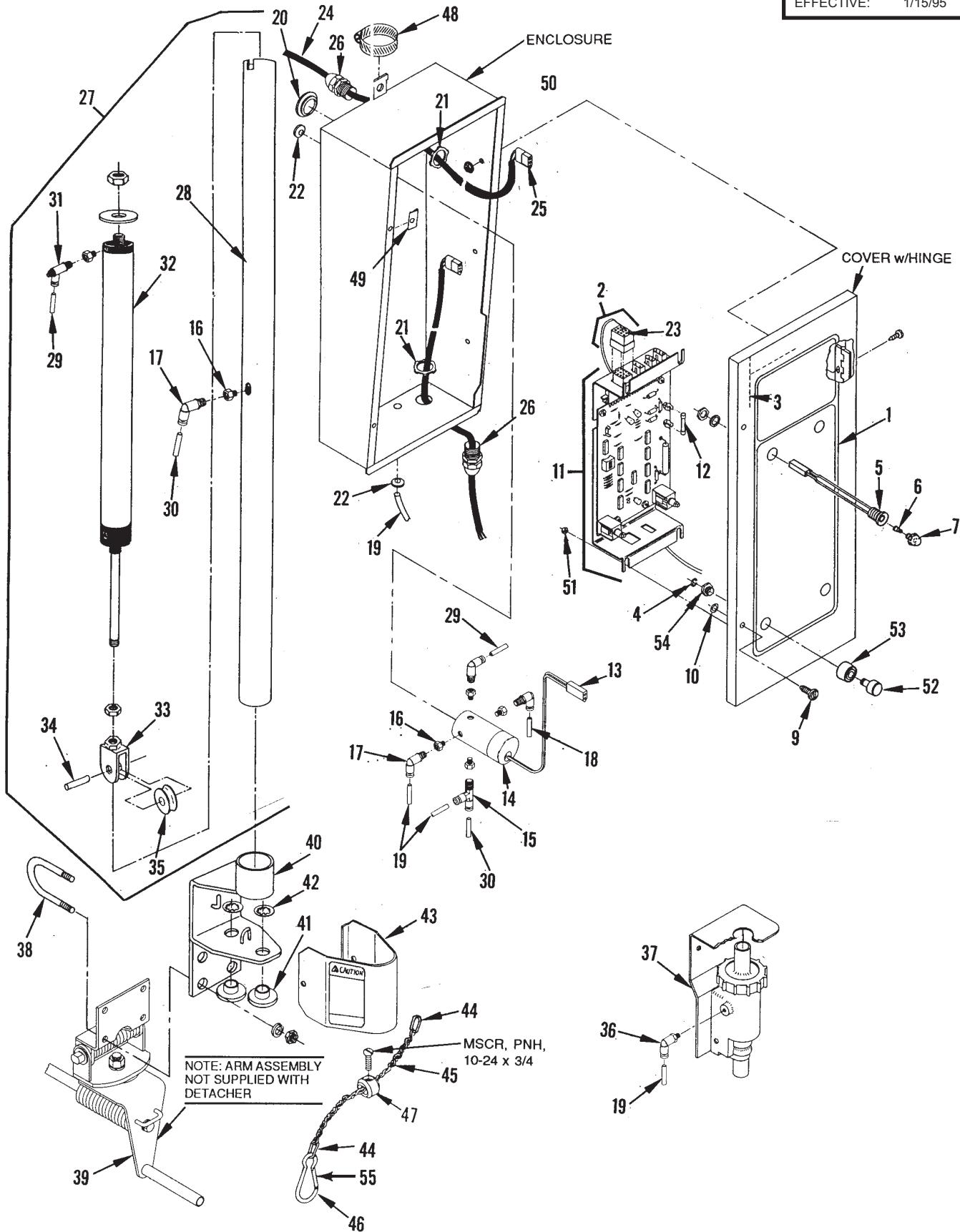
| ITEM | PART NO. | X=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. | a/r=AS REQ. | |
|---------|----------|-----------------------------|---|---|-------------|--|
| 3554362 | X | | Detacher, Model 2101 | - | | |
| 3555672 | X | | Detacher, Model 2101, 3 Min | - | | |
| 1 | 3554368 | | Label, Cover, 2101 | 1 | | |
| 2 | 3554453 | X | Wire Harness, Lights/Control (Includes Molex plugs & 3 of item 23) | 1 | | |
| 3 | 3555238 | X | Kit, Repair, Cover Gasket Set | 2 | | |
| 4 | 3550833 | | Ring, Retaining, Ext, E, .312 | 2 | | |
| 5 | 3554306 | | Socket Assy, Lamp | 2 | | |
| 6 | 3551812 | | Bulb, 28V (shown) | 2 | | |
| | 1923325 | | Diode, LED, Red, 28V | or 1 | | |
| | 1923326 | | Diode, LED, Yel, 28V | & 1 | | |
| 7 | 3550804 | | Lens, Bulb-Holder, Amber | 1 | | |
| 8 | 3550802 | n/s | Lens, Bulb-Holder, Red | 1 | | |
| 9 | 3551822 | | Screw, Quick-Open,SS, 12 x 3/4 | 2 | | |
| 10 | 3551777 | | Retainer, Quick-Open, No.12 | 2 | | |
| 11 | 3554948 | X | PWB & Brkt Assy, Det/Only, 3 Min (Includes item 12) | 1 | | |
| 12 | 1931919 | X | Fuse, 2.00A, 250V, Fast, 1.25 x .25 | 1 | | |
| 13 | 1916902 | | Connector, Recept, FH, 2-Pin | 1 | | |
| 14 | 3552112 | X | Valve, Solenoid, Model 2100 | 1 | | |
| | 3555933 | | Valve, Solenoid, 24 VDC | 1 | | |
| 15 | 3554331 | | Conn, Push, Tee, 5/32 x 1/8 NPT | 1 | | |
| 16 | 3551711 | | Bushing, Hex, Brs, 1/4 x 1/8 | 5 | | |
| 17 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 4 | | |
| 18 | 3554115 | | Hose, Nyl, Nat, 5/32 OD x 100 Ft | a/r | | |
| 19 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r | | |
| 20 | 3551755 | | Plug, Int, Plstc, 0.88 | 1 | | |
| 21 | 8513814 | | Nut, Lock, Conduit, 1/2 NPT | 2 | | |
| 22 | 3554469 | X | Grommet, 0.16 ID x 0.38 OD | 5 | | |
| 23 | 1916730 | n/s | Conn, Pin, .093, F, 18-22, .06/.12 | 8 | | |
| 24 | 3552539 | X | Cord Assy, Power (Includes item 25 & 3 of 23) | 1 | | |
| 25 | 1916903 | | Connector, Recept, FH, 3-Pin | 1 | | |
| 26 | 1917532 | | Conn, Str-Rlf, .27-.46, 1/2 NPT | 2 | | |
| 27 | 3554360 | X | Cylinder Assy, Air, 2101 (Includes items 28-35 and 1 ea. of items 16 & 17) | 1 | | |
| 28 | 3552171 | | Pipe, Mounting, w/Stop Lug | 1 | | |
| 29 | 3554440 | | Hose, Nyl, Grn, 5/32 OD x 100 Ft | a/r | | |
| | 30 | 3554174 | Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r | | |
| | 31 | 3554444 | Valve, Control, Flow, 1/8 NPT | 1 | | |
| | 32 | 35521232 | Cylinder, Air, 1.50 x 18.00 | 1 | | |
| | 33 | 3552117 | X | Bracket Assy, Pulley | 1 | |
| | | 3558960 | Clevis Assy, Cylinder, Air | 1 | | |
| | 34 | 3552114 | Pin, Drive, Model 2100 | 1 | | |
| | 35 | 3551872 | Pulley, Sgl-Grv, 1.25 | 1 | | |
| | 36 | 3554424 | Conn, Swl, Elb, 5/32 OD x 10-32 | 1 | | |
| | 37 | 3552098 | X | Valve Assy, Sensor, w/Mtg Brkt (Parts on page D-131) | 1 | |
| | 38 | 8560011 | U-Bolt, ZP, 5/16-18 x 2 In | 2 | | |
| | 39 | 3552226 | Arm Assy, 2100 Flex | 1 | | |
| | 40 | 3552257 | Bracket Assy, Mounting | 1 | | |
| | 41 | 3554396 | Bushing, Chain-Guide | 2 | | |
| | 42 | 3551909 | Ring, Retaining, Push-On, Ext, .75 | 2 | | |
| | 43 | 3552261 | Guard Assy, w/Caution Label | 1 | | |
| | 44 | 3551341 | Link, Chain-Connector, SS | 2 | | |
| | 45 | 3552130 | X | Chain, Twist-Link, SS, 50 In | 1 | |
| | | 3557646 | Chain, Twist-Link, SS, 50 In x .120 | 1 | | |
| | 46 | 3551342 | X | Snap, Trigger, SS (Includes item 55) | 1 | |
| | | 3556991 | Snap, Spring, SS, Looped | 1 | | |
| | 47 | 3556426 | Stop, Chain | 1 | | |
| | 48 | 8510201 | Clamp, Hose, SS, #28, 1.31-2.25 | 3 | | |
| | 49 | 3555877 | Nut, Quick-Open, No.12, SS | 2 | | |
| | 50 | 1223380 | X | Nut, Hex, Flange, Lck, 10-32, ZP | 3 | |
| | 51 | 1223378 | X | Nut, Hex, Flange, Lck, 8-32, ZP | 4 | |
| | 52 | 3552013 | Plunger, Switch | 2 | | |
| | 53 | 3552012 | X | Retainer, Plunger Switch,Detacher,SS | 2 | |
| | | 3557988 | | | | |
| | 54 | 3552006 | Bushing, Plunger | 2 | | |
| | 55 | 3554458 | X | Clip, Trigger Snap | 1 | |
| | 56 | - - - | Literature 9E-499 (Installation & operation instructions) | ref | | |

Note:

1. Chain Stop replaces Cold Shut Chain Connector on earlier versions.

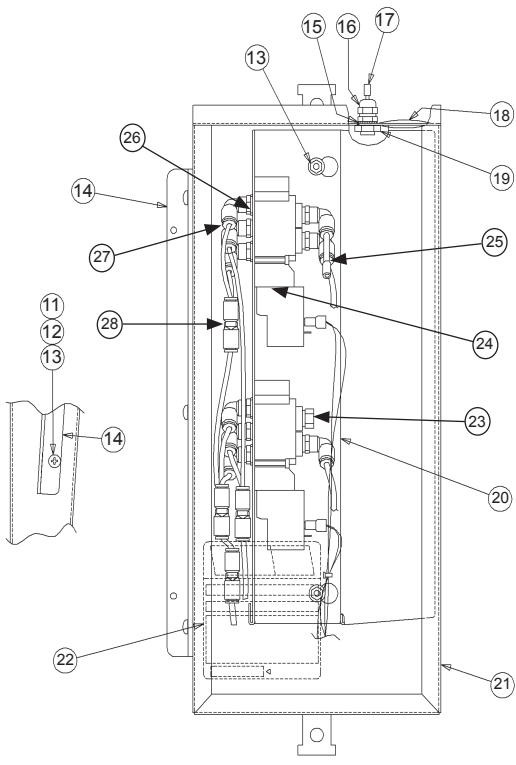
Model 2101 Detacher Assembly

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 57 |
| EFFECTIVE: 1/15/95 | |

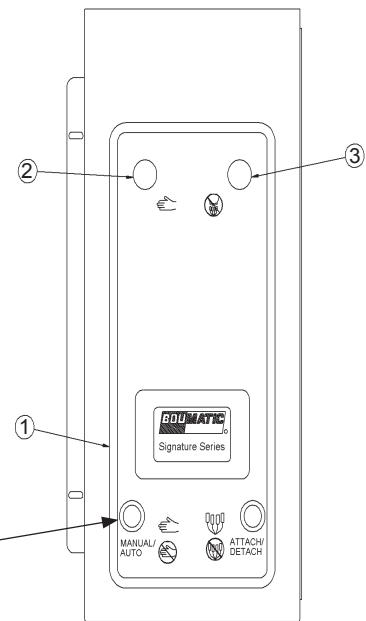
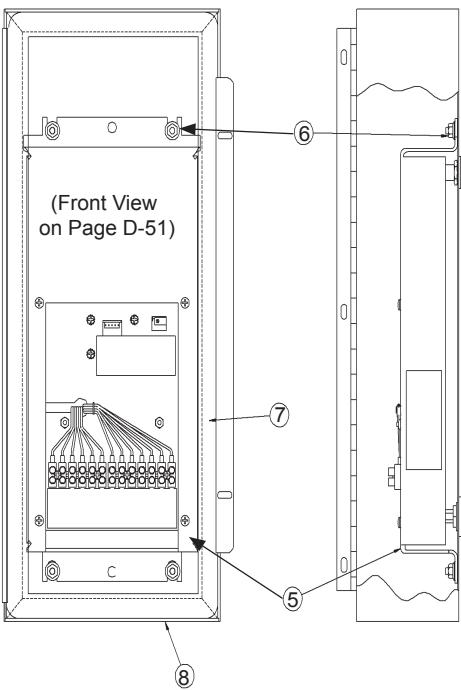


Control Assemblies
2010, 2210, 2410, 2020, 2220, 2420, 3020,
3220 and 3420 Series Detachers

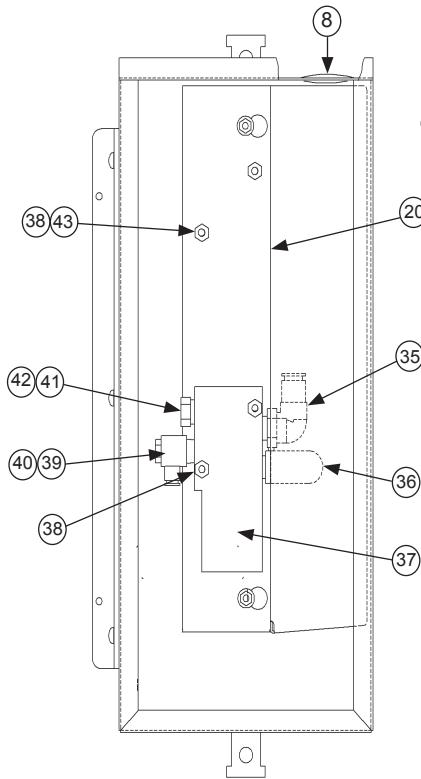
Air Base Assembly



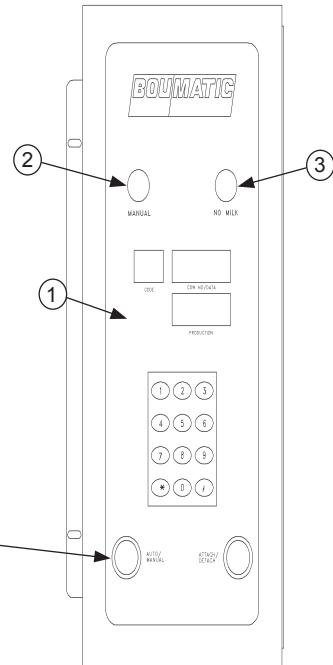
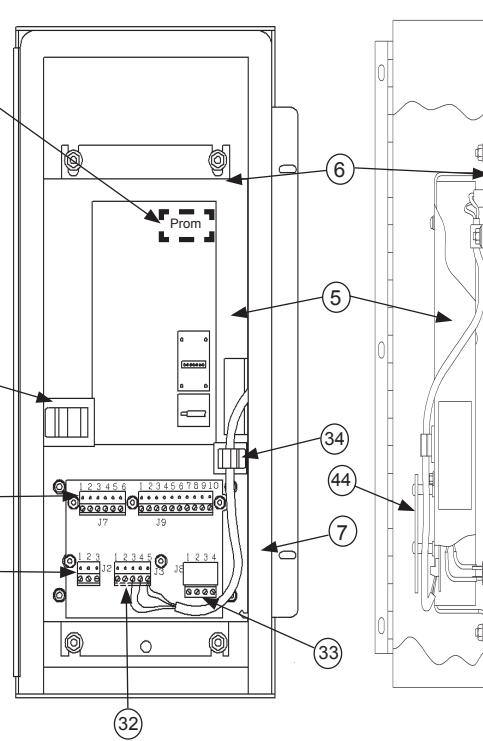
Detacher Only Control Assembly



Vacuum Base Assembly (D/M Shown)



Detacher Meter Control Assembly



Control Assemblies
2010, 2210, 2410, 2020, 2220, 2420, 3020,
3220 and 3420 Series Detachers

| | |
|----------------------|-------------------|
| SECTION D | PAGE 59 |
| EFFECTIVE: 9/5/19 | |

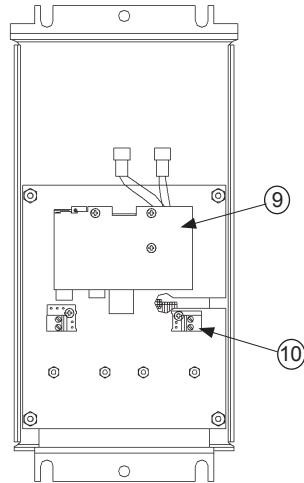
| ITEM | PART NO. | <small>⊗=OBsolete n/s=NOT SHOWN</small> | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | |
|------|----------------------|---|--|-----------------------------------|----|----|----|----|----|
| | | | | | | | | | |
| | 3558070 | ⊗ | Control Assy, 2010 D | 070 | | | | | |
| | 3558071 | ⊗ | Control Assy, 2210/2410 D | 071 | | | | | |
| | 3558368 | ⊗ | Control Assy, 2020 D | 368 | | | | | |
| | 3558369 | ⊗ | Control Assy, 2220/2420 D | 369 | | | | | |
| | 3557942 | | Control Assy, 3020 M | 071 | | | | | |
| | 3557946 | | Control Assy, 3220/3420 M | 946 | | | | | |
| 1 | 3556158 | ⊗ | Label, Cover, 3000 D | 1 | 1 | 1 | 1 | - | - |
| | 3556159 | | Label, Cover, 3000 M | - | - | - | - | 1 | 1 |
| 2 | 3558007 | | LED Indicator Assy, Yellow, 14" | 1 | 1 | - | - | 1 | 1 |
| | 3558009 | | LED Indicator Assy, Yellow, Molex | - | - | 1 | 1 | - | - |
| 3 | 3558006 | | LED Indicator Assy, Red, 17" | 1 | 1 | - | - | 1 | 1 |
| | 3558008 | | LED Indicator Assy, Red, Molex | - | - | 1 | 1 | - | - |
| 4 | 3557988 | | Switch, Door, Detacher, SS | 2 | 2 | 2 | 2 | 2 | 2 |
| | 3555809 | ⊗ | Pwb & Brkt Assy, D/Only w/Cable | 1 | 1 | - | - | - | - |
| | 3558936 ² | ⊗ | Pwb & Brkt, D/O, Upgrade to 4000 | - | - | 1 | 1 | - | - |
| 5 | 3557722 | ⊗ | Pwb & Brkt Assy, D/Only, 4000 Series (Also see item #9) | - | - | 1 | 1 | - | - |
| | 3656389 | ⊗ | *Pwb & Brkt Assy, D/M, Perf | - | - | - | - | 1 | 1 |
| | 3657708 ² | ⊗ | *Pwb&Brkt Assy, D/M Perf (SS Switch) | - | - | - | - | 1 | 1 |
| 6 | 1225378 | | Nut, Hex, Flange, Lock, 8 - 32, SS | 13 | 13 | 12 | 12 | 13 | 13 |
| 7 | 3557944 | | Gasket, Neoprene | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 3558043 | ⊗ | Wrapper Assy, Front | 1 | 1 | 1 | 1 | - | - |
| | 3557950 | | Wrapper Assy, Front, 3000 M | - | - | - | - | 1 | 1 |
| 9 | 3657492 | | Kit, Pwb Assy, 42-4600, Rear Acs | - | - | 1 | 1 | - | - |
| 10 | 1917630 | | Connector, Term Strip, 2-Position | 4 | 4 | 2 | 2 | - | - |
| 11 | 1096181 | | Mscr, Pnh, SS, 8 - 32 x 1/2 | 6 | 6 | 6 | 6 | 6 | 6 |
| 12 | 3551201 | | Washer, Sealing, SS | 6 | 6 | 6 | 6 | 6 | 6 |
| 13 | 1225378 | | Nut, Hex, Flange, Lock, 8 - 32, SS | 13 | 13 | 12 | 12 | 13 | 13 |
| 14 | 3558065 | | Bracket, Latch, Base | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | 3557816 | | O-Ring, .390 x .060 Buna-N | - | - | - | 2 | - | 2 |
| 16 | 1917501 | | Conn, Str-Rlf, .08 - .12, PG7 | - | 2 | - | 2 | - | 2 |
| 17 | 3558089 | ⊗ | Conn, Push, Plug, 5/32 | - | 1 | - | 1 | - | 1 |
| | 8507089 | | Conn, Push, Plug, 5/32 | - | 1 | - | 1 | - | 1 |
| 18 | 3558060 | ⊗ | Plug, Int, Plastic, 1" NPT | 1 | - | 1 | - | 1 | - |
| | 3558055 | ⊗ | Plug, Int, Plastic, 3/4 NPT | - | 1 | - | 1 | - | 1 |
| 19 | 1917560 | | Connector, Dome, Nut | - | 2 | - | 2 | - | 2 |
| | 3558318 ¹ | ⊗ | Bracket Assy, 2000 Series, Vac. | 1 | - | 1 | - | - | - |
| 20 | 3558057 ¹ | | Bracket Assy, 3000 Series, Vacuum | - | - | - | - | 1 | - |
| | 3558050 ¹ | | Bracket Assy, 3200/3400 | - | 1 | - | 1 | - | 1 |
| 21 | ---- | | Base Assy | - | - | - | - | - | - |
| 22 | ---- | | Nameplate | - | - | - | - | - | - |
| 23 | 1431240 | | Plug, Hex HD, Brass, 1/8 | - | 1 | - | 1 | - | 1 |
| 24 | 3557108 | ⊗ | Valve, 4-Way, Air, Low Power | - | 2 | - | 2 | - | 2 |
| 25 | 8507089 | | Conn, Push, Plug, 5/32 | - | 1 | - | 1 | - | 1 |
| 26 | 8500264 | | O-Ring, .362 x .103, Buna-N | - | 4 | - | 4 | - | 4 |
| 27 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | - | 9 | - | 9 | - | 9 |
| 28 | 8507088 | | Conn, Push, Union Y, 5/32 | - | 4 | - | 4 | - | 4 |

Note:

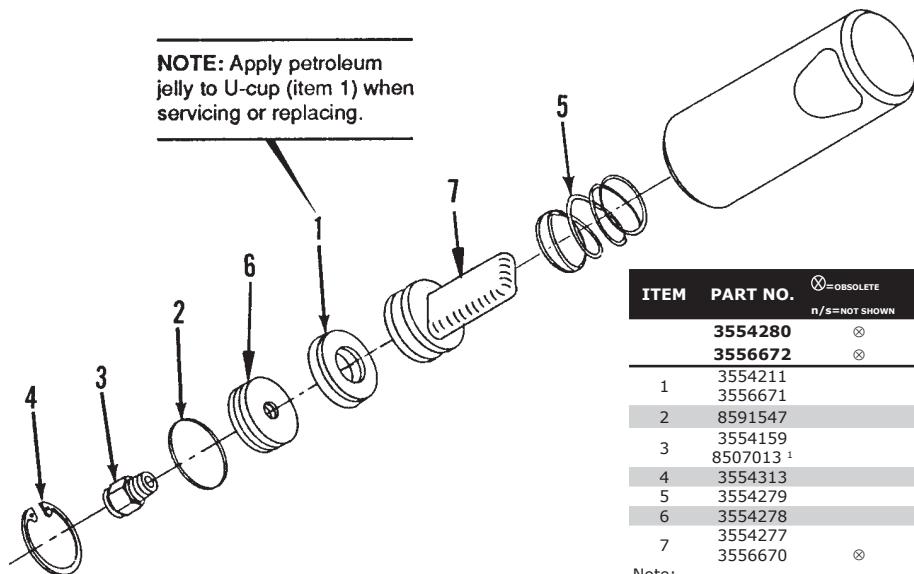
1. All Bracket Assemblies include the Valves and Fittings.
2. Requires 2 - SS Buttons (3557988), if not already installed. 3558958 is a direct replacement for 3558936.

Front View of

3558936



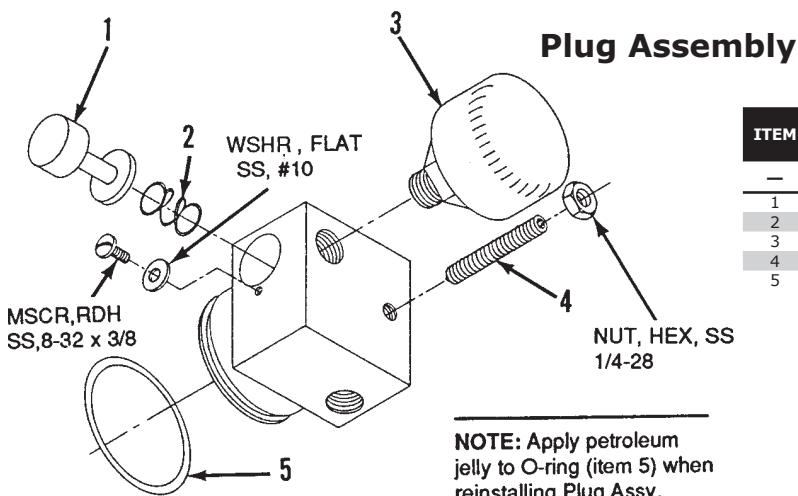
Pinchoff Valve Assemblies



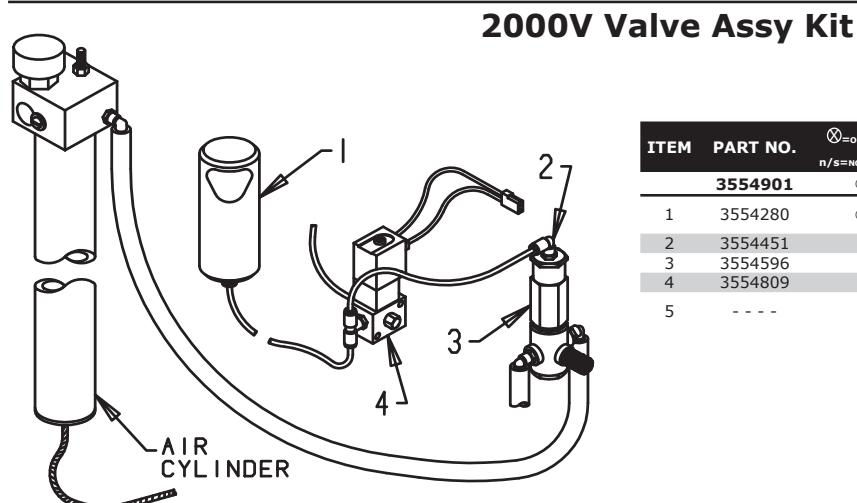
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------------|-----------------------------------|
| | 3554280 | Valve Assy, Pinchoff | - |
| | 3556672 | Valve Assy, Pinchoff (3/4) | - |
| 1 | 3554211 | U-Cup, Packing | 1 - |
| | 3556671 | U-Cup, Packing, 7/8 ID x 1-3/8 OD | - 1 |
| 2 | 8591547 | O-Ring, 1.187 x 1.375, #123, Buna | 1 - |
| 3 | 3554159 | Conn, Push, 5/32 OD x 1/8 NPT | 1 1 |
| | 8507013 | Conn, Push, 5/32 x 1/4 NPT | 1 1 |
| 4 | 3554313 | Ring, Retainer, SS, Int, 1.37 | 1 - |
| 5 | 3554279 | Spring, Compr, 1.13-.072 1.50 | 1 1 |
| 6 | 3554278 | Plug, Pinchoff Valve | 1 - |
| 7 | 3554277 | Piston, Pinchoff Valve | 1 - |
| | 3556670 | Piston, Pinchoff, 3/4 | - 1 |

Note:

1. For use on newer version pinchoff valves.



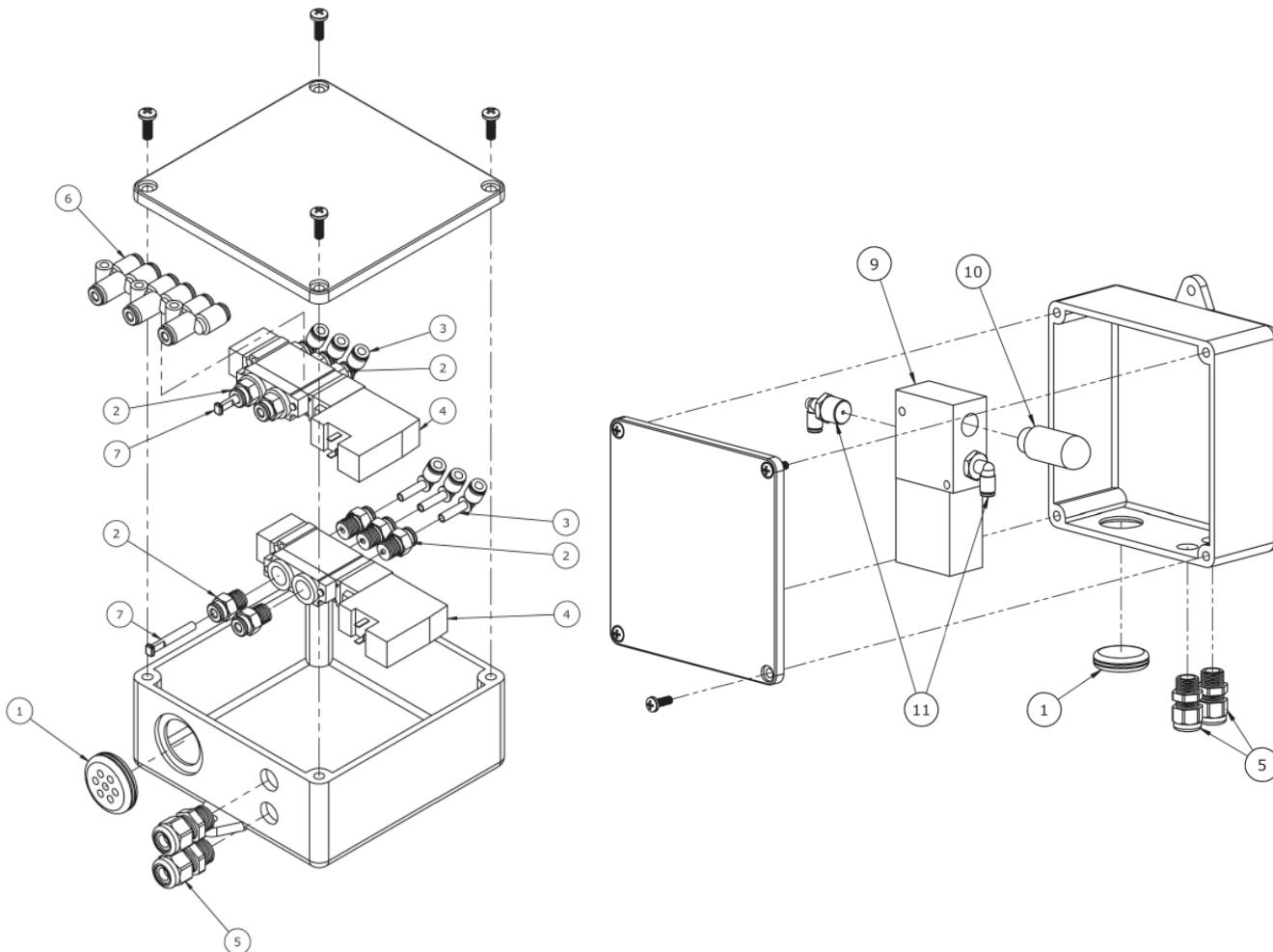
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|---------------------------------|-----------------------------------|
| | 3554615 | Plug Assy, 2000V & VM | - |
| 1 | 3554617 | Piston, Top Plug | 1 |
| 2 | 3554628 | Spring, Compr, .466-.016 .69 | 1 |
| 3 | 3554618 | Muffler, Filter, 1/4 NPT, Nylon | 1 |
| 4 | 1175478 | SSCR, Skt, 1/4-28 x 1-3/4 ZP | 1 |
| 5 | 3553693 | O-ring, 1.674 x .103, Buna-N | 1 |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|--|-----------------------------------|
| | 3554901 | Kit, Valve Assy, 2000V | - |
| 1 | 3554280 | Valve Assy, Pinchoff (See above for parts) | 1 |
| 2 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 1 |
| 3 | 3554596 | Operator, Air Pilot | 1 |
| 4 | 3554809 | Valve Assy, 2000VA | 1 |
| 5 | ----- | Literature 9P-639 (Retrofit & Operating Instructions) | a/r |

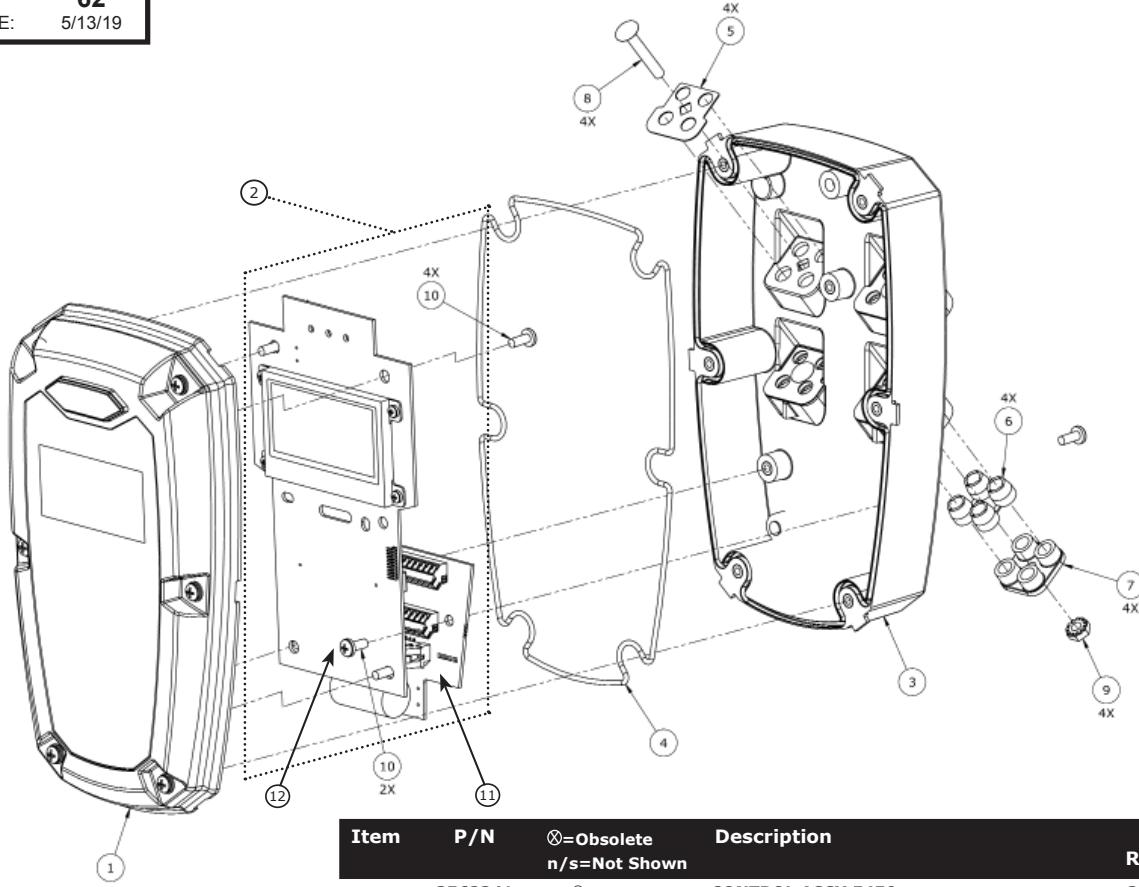
Enclosure Assembly

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 61 |
| EFFECTIVE: 2/14/14 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|--------------------------------|-----------------------------------|
| | 3562406 | ENCLOSURE ASSY,2 VALVE,AIR | 2406 |
| | 3562407 | ENCLOSURE ASSY,VALVE,VAC | 2407 |
| | 3561779 | ENCLOSURE ASSY,VALVE,VAC | 1779 |
| 1 | 3556157 | GROMMET,MULTIPLE 5/32 | 1 1 - |
| 2 | 3554159 | CONN,PUSH5/32 ODX 1/8 NPT | 10 - - |
| 3 | 8504215 | CONN,ELBOW,PUSH-IN,5/32 | 10 - - |
| 4 | 3559301 | VALVE,4-WAY,AIR,LOW POWER | 1 - - |
| 5 | 1917500 | CONN,STR-RLF,.11-.25,PG7 | 2 2 1 |
| 6 | 8507088 | CONN,PUSH,UNION Y,5/32 | 3 - - |
| 7 | 8507089 | CONN,PUSH,PLUG,5/32 | 2 - - |
| 8 | 3558052 | TERM,DISC,FEM,22-18,.110 | 4 - - |
| 9 | 3559533 | VALVE,3-WAY,24VDC,2.8W | - 1 1 |
| 10 | 8551136 | MUFFLER,FILTER,1/4 NPT | - 1 1 |
| 11 | 8507015 | CONN,SWL,ELB,5/32 ODX 1/4 NPT | - 2 - |
| 12 | 3553790 | ELBOW,90,NYL,1/4NPT X 3/8 HOSE | - - 2 |
| 13 | 8506805 | HOSE,VINYL,.38 X .125W,BLK/WHT | - - a/r |

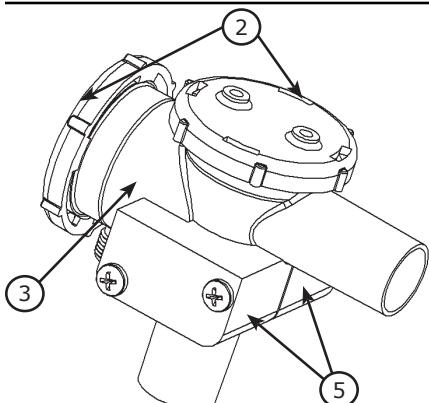
AMI 5450/5550 Control Assembly



| Item | P/N | ⊗=Obsolete n/s=Not Shown | Description | Qty. Required |
|------|----------------------|-----------------------------|---|------------------|
| - | 3562341 | ⊗ | CONTROL ASSY,5450 | 341 - |
| - | 3562834 | | CONTROL ASSY,5550 | - 834 |
| 1 | 3562334 ¹ | | COVER ASSY,5450 | 1 - |
| | 3562830 ¹ | | COVER ASSY,5550 | - 1 |
| 2 | 3562341 | ⊗ n/s | PCB, ASSY, FRONT/REAR 5450 (Complete Cntrl) | 1 |
| | 3562833 | | PCB, ASSY, FRONT/REAR 5550 (pictured) | - 1 |
| 3 | 3562310 | | ENCLOSURE, REAR,5450/5550 | 1 1 |
| 4 | 3562321 | | GASKET, O-RING, ENCLOSURE, 5450 | 1 1 |
| 5 | 3562324 | | RETAINER, CARRIAGE BOLT | 4 4 |
| 6 | 3562313 | ⊗ | BUSHING,CABLE,X4,.265 DIA | 4 4 |
| | 3562916 | | BUSHING, CABLE, X4, .265DIA | 4 4 |
| 7 | 3562314 | | COMPRESSION,PLATE,STR-RLF | 4 4 |
| 8 | 1201206 | | BOLT,CRG,SS,10-24 X 1.25 | 4 4 |
| 9 | 1219379 | | NUT,HEX,KEPS,SS,10-24 | 4 4 |
| 10 | 3562336 | | MSCR,PNH,SS,M4 X 10 | 4 4 |
| 11 | 3562831 | | PWB ASSY,REAR,5550 | - 1 |
| 12 | 3562832 | | PWB ASSY,FRONT,5550 | - 1 |

Note: 1. Covers are not interchangeable. 5450 cover assy requires 5450 electronics. 5550 cover assy requires 5550 electronics.

AMI 5450/5550 Flow Sensor

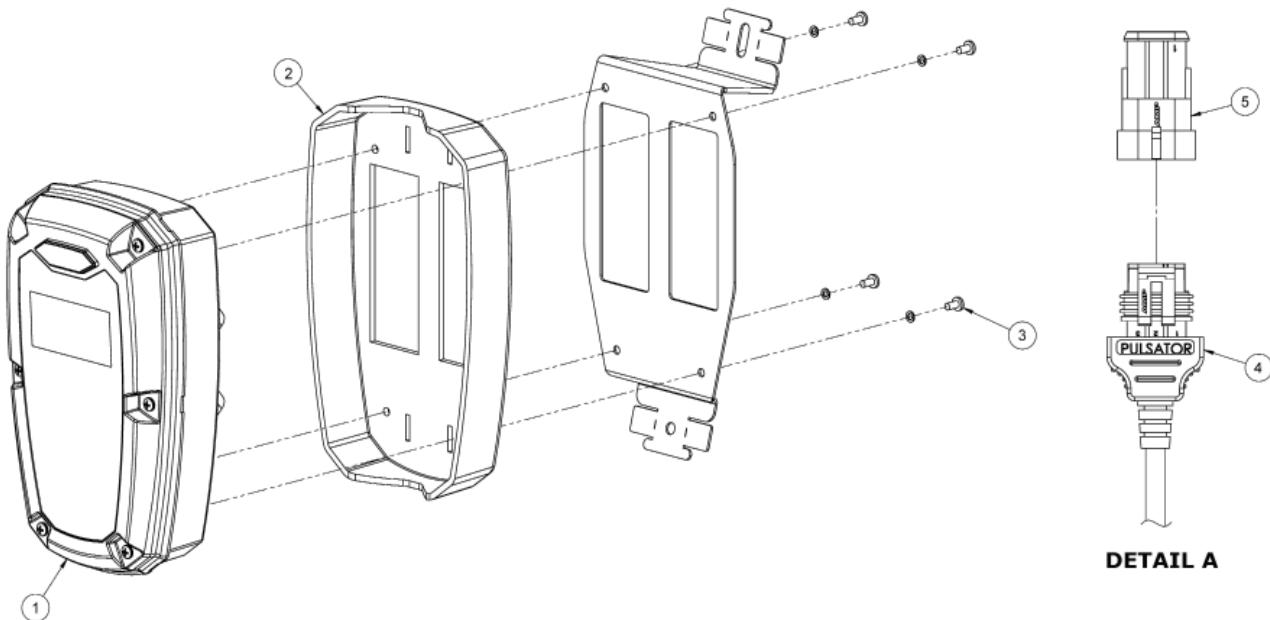


| Item | P/N | ⊗=Obsolete n/s=Not Shown | Description | Qty. Required |
|------|---------|-----------------------------|--|------------------|
| - | 3562403 | | KIT 5550,SENSOR AND MOUNTING | - |
| 1 | 3562706 | n/s | GASKET,SENSOR,MYI,PKGX12 | a/r |
| 2 | 3562707 | | SENSOR CAP,PKGX12 | a/r |
| 3 | 3562319 | ⊗ | FLOW SENSOR,5450 | 1 |
| | 3562917 | | FLOW SENSOR,5550 (includes both caps and gaskets) | 1 |
| 4 | 1916630 | n/s | CONNECTOR,PIN,DUAL,18GA,FERRUL | 5 |
| 5 | 3562458 | | CLAMP,FLOW SENSOR,5450,A (includes both sides) | 1 |
| 6 | 3558018 | n/s | LUBRICANT,GREASE,14OZ (1 cartridge per 8 stalls) | ref |
| 7 | 3562545 | n/s | FITTING,GREASE,10-32 | ref |

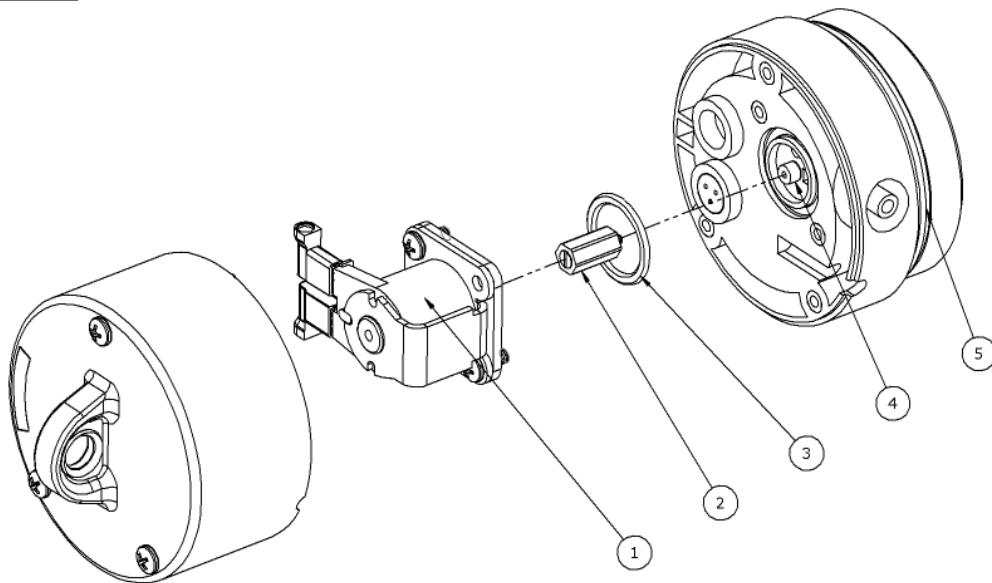
Note: This includes flow sensor and mounting hardware.

AMI 5450/5550 Detacher Assembly

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 63 |
| EFFECTIVE: 1/29/19 | |



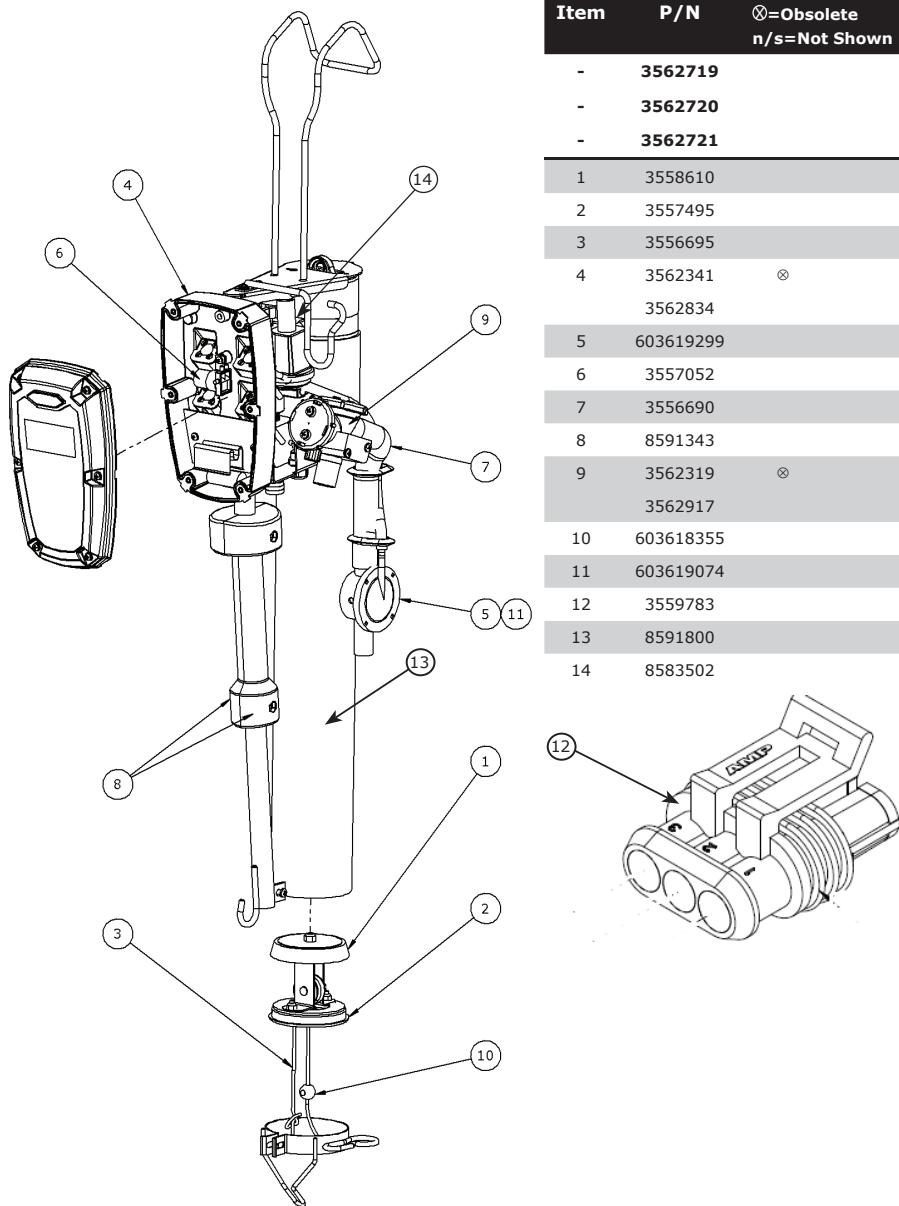
| Item | P/N | ⊗=Obsolete n/s=Not Shown | Description | Qty. Required |
|------|----------------|-----------------------------|------------------------------|------------------|
| - | 3562411 | ⊗ | DETACHER ASSY,5450 | - |
| - | 3563248 | | DETACHER ASSY,5550 | - |
| 1 | 3562341 | ⊗ | CONTROL ASSY,5450 | 1 |
| | 3562384 | | CONTROL ASSY,5550 | 1 |
| 2 | 3562311 | | ENCLOSURE,MOUNT,5450 | 1 |
| 3 | 3562336 | | MSCR,PNH,SS,M4 X 8.0 | 4 |
| 4 | 3559777 | | CABLE ASSY,PULSATOR,84" | 1 |
| 5 | 3559782 | | CONNECTOR ASSY,CAP,M,3-PIN | 1 |
| 6 | 8510201 | n/s | CLAMP,HOSE,SS, #28,1.31-2.25 | 2 |

Tie Stall 5450/5550TS Bulkhead Assembly

| Item | P/N | ⊗=Obsolete n/s=Not Shown | Description | Qty. Required |
|------|----------------|-----------------------------|--------------------------------------|------------------|
| - | 8591444 | | BULKHEAD ASSY,CYLINDER,5450TS | - |
| 1 | 3559256 | | COIL,BROWN,24VDC | 1 |
| 2 | 3562548 | | SHUTTLE ASSEMBLY | 1 |
| 3 | D242702 | | O-RING, Ø21.6 X Ø2.4 | 1 |
| 4 | D381386 | | SEAL-ARMATURE TIP | 1 |
| 5 | D382765 | | SEAL-RAM | 1 |

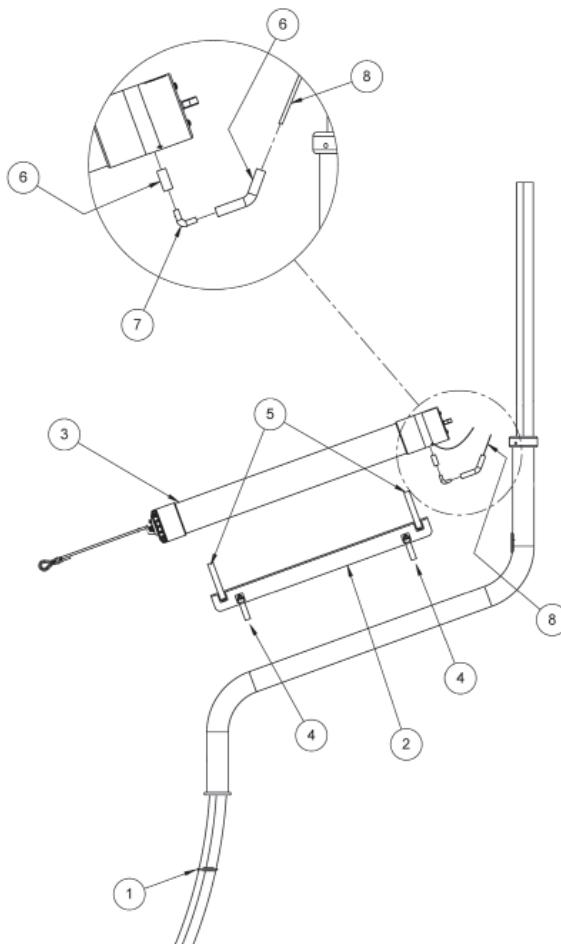
**Tie Stall 5450/5550TS
Detacher Assembly 3" Handle**

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 65 |
| EFFECTIVE: 10/7/19 | |



| Item | P/N | ⊗=Obsolete n/s=Not Shown | Description | Qty. Req. |
|------|-----------|-----------------------------|--------------------------------------|--------------|
| - | 3562719 | | DETACHER ASSY,5550TS 3" HANDLE | - |
| - | 3562720 | | DETACHER ASSY,5550TS 2/2.5HNDL | - |
| - | 3562721 | | DETACHER ASSY,5550TS STALLCOCK | - |
| 1 | 3558610 | | PISTON ASSY,COMPANION | 1 |
| 2 | 3557495 | | CAP,BOTTOM,CYLINDER,W/HOLES | 1 |
| 3 | 3556695 | | ROPE,DYNEEMA,1/8"X8' | 1 |
| 4 | 3562341 | ⊗ | CONTROL ASSY,5450 | 1 |
| | 3562834 | | CONTROL ASSY,5550 (replaces 3562341) | 1 |
| 5 | 603619299 | | VACUUM VALVE TRANSPARENT PL, | 1 |
| 6 | 3557052 | | VALVE ASSY,SOLENOID | 1 |
| 7 | 3556690 | | HOSE,RBR,.62 X 9.25,FRMD | 1 |
| 8 | 8591343 | | HANDLE,HALF,5450TS | 2 |
| 9 | 3562319 | ⊗ | SENSOR ASSY,5450 | 1 |
| | 3562917 | | FLOW SENSOR,5550 (replaces 3562319) | 1 |
| 10 | 603618355 | | BALL,SECURING,STRING HOLDER | 1 |
| 11 | 603619074 | | DIAPHRAGM,VAC VLV,DETACHER TS | 1 |
| 12 | 3559783 | | CONNECTOR ASSY,CAP,F,3-PIN | 1 |
| 13 | 8591800 | | CYLINDER ASSY, 5450TS | 1 |
| 14 | 8583502 | | FILTER,FOAM,WITH SOLID CAP | 2 |

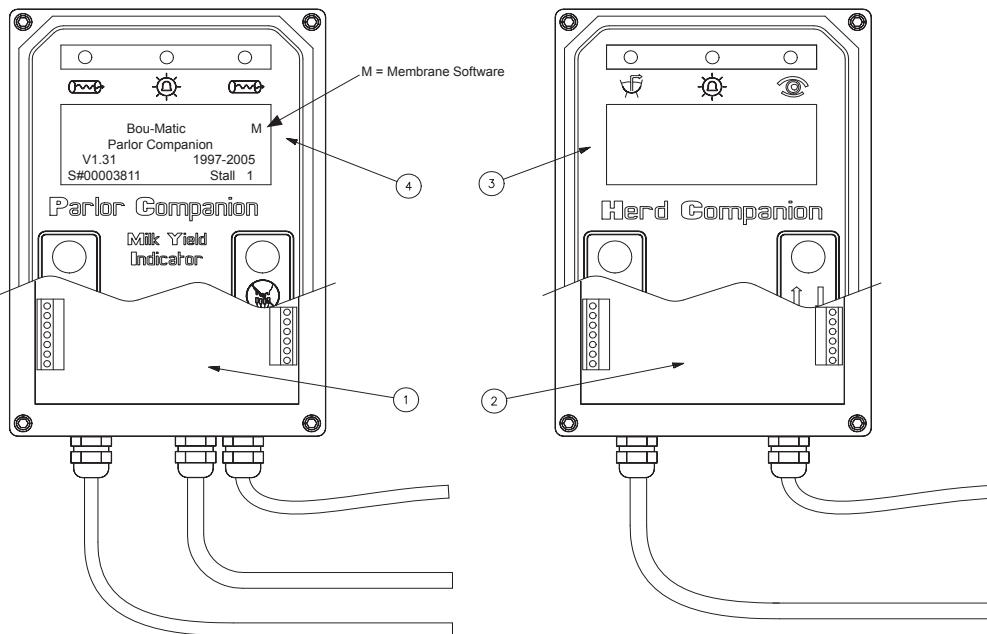
Swing Arm Assembly With Cylinder



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|---------------------------------------|-----------------------------------|
| | 3559840 | SWING ARM ASSY,W/CYLINDER | 9840 |
| | 3562467 | SWING ARM ASSY,W/CYLINDER,5450 | 2467 |
| 1 | 8513217 | RING,RETENTION,HOSE,1.38 | 3 3 |
| 2 | 8584839 | BRACKET,DETACHER,CYLINDER MNT | 1 1 |
| 3 | 3562409 | CYLINDER ASSY,XP,BLU,4WIRE,24V | - 1 |
| 4 | 8510201 | CLAMP,HOSE,SS, #28,1.31-2.25 | 2 2 |
| 5 | 8501422 | CLAMP,HOSE,SS, #44,1.38-3.25 | 2 2 |
| 6 | 3556372 | HOSE,SILICONE,.25 X .09 WALL | a/r a/r |
| 7 | 3559992 | FITTING,ELB,HOSE,BARB,1/4X1/4 | 1 1 |
| 8 | 3559996 | TUBE,NYL,NAT, 5/16 OD X 100FT | a/r a/r |
| 9 | 8590246 | n/s BUSHING,SNAP,NYLON,SB-2.25-29 | 1 1 |
| 10 | 8580380 | n/s COLLAR & BRACKET ASSY,SWG ARM | 1 1 |
| 11 | 8580126 | n/s CYLINDER,GAS,SWG PLR | 1 1 |
| 12 | 8584837 | n/s COLLAR, SWING ARM | 1 1 |
| 13 | 3559257 | n/s CYLINDER ASSY,XP,BLU,3WIRE,24V | 1 - |

Parlor Companion Indicator Kits (MYI)

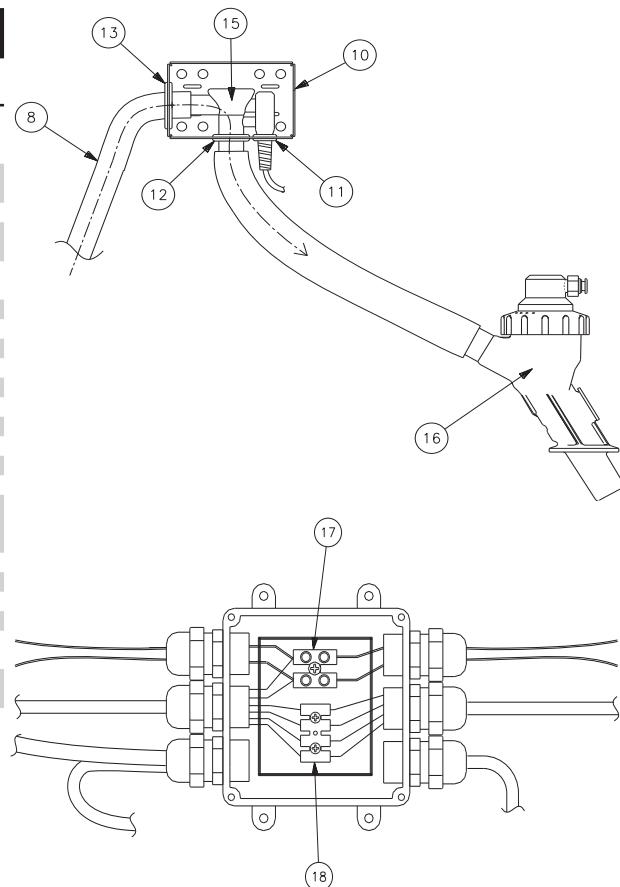
SECTION D PAGE 67
EFFECTIVE: 9/14/18



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|--|-----------------------------------|
| | 3558281 | Kit, Indicator, Herd Companion | 8281 |
| | 3558256 | Kit, Parlor Companion, w/MYI | 8256 |
| 1 | 3658134 | *Rcndt, Indicator, PC, W/Opto Sw | - 1 |
| 1 | 3658963 ² | *Rcndt, Indicator, PC, W/Membrane Sw | - or 1 |
| | 3558963 ² | Pwb, Replacement, PC, W/Membrane Sw | - or 1 |
| 2 | 3658245 | *Rcndt, Indicator, Herd Companion | 1 - |
| 3 | 3559404 | Pwb, Replacement, Herd Companion | or 1 - |
| 3 | 3559487 | Cvr, Herd Companion, Repl | 1 - |
| 4 | 3558488 | Cvr, Parlor Companion, Repl | - 1 |
| 4 | 3558932 ¹ | Kit, Cover, W/Membrane Switch, MYI | - or 1 |
| 5 | 3558413 | Kit, Cnvt, Programmer, MYI (required for software updates) | - - |
| 6 | 3553772 | n/s Tube, SS., .750 x .049 x 2.50 | - 1 |
| 7 | 3555958 | n/s U-Bolt, SS, 5/16-18 x 2-1/2 in. | - 1 |
| 8 | 3556147 | Hose, Rbr, .62/.75 x 12.00, FRMD | - 1 |
| 9 | 3558185 | n/s Bracket, Parlor Companion | 1 1 |
| 10 | 3558207 | Bracket, Indicator, Parlor Companion | - 1 |
| 11 | 3558261 | Grommet, 0.75 ID x 0.88 Mtg x 1.0 OD | - 1 |
| 12 | 3558262 | Grommet, 0.94 ID x 1.25 Mtg x 1.50 OD | - 1 |
| 13 | 3558263 | Grommet, 1.25 ID x 1.50 Mtg x 1.88 OD | - 1 |
| 14 | 8510201 | Clamp, Hose, SS, #28, 1.31 - 2.25 | 3 3 |
| 15 | 3557823 | Sensor, Comp Milk Yield Indicator | - 1 |
| 16 | 3558118 | Shutoff Assy, W/Nipple, Vac (shown) | - - |
| 16 | 3558326 | Shutoff Assy, Clamp, Vac (Parts on page D-132) | - - |
| 17 | 1917667 | Connector, Term Strip, 2-Pos | - - |
| 18 | 1917657 | Connector, Term Strip, 4-Pos | - - |
| 19 | 1917628 | n/s Connector, Term Strip, 6-Pos | - - |
| 20 | 3558321 | n/s Cable, 4-Cond, 24GA, 500' | a/r a/r |
| 21 | ---- | Literature 9E-853 (Herd Companion Operation Instructions) | a/r - |
| 22 | ---- | Literature 9E-815 (Parlor Companion Operation Instructions) | - a/r |

NOTE:

1. Kit, Cover, w/Membrane switch, MYI (3558932) requires software version 1.31 - M (Membrane) or higher in the Parlor Companion, MYI.
2. Recondition Parlor Companion Indicator (3658963) requires membrane switch covers.



Companion Detacher Assembly

| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------------|----------------------|-----------------------------|--|----------------------------|
| | | | | |
| 3557554 | ⊗ | | Detacher Assy, Companion | - |
| 3557656 ² | ⊗ | | Detacher Assy, Companion, L/Conn | - |
| 1 | - - - | | Literature 9ES-720 (Installation instructions) | ref |
| 2 | 3556663 | | Spacer, Thd, Hex, 4-40 x .50 | 1 |
| 3 | 3556667 | | Sensor Assy, Flow, Companion | 1 |
| 4 | 3556618 | | Hook Assy, Companion | 1 |
| 5 | 3557099 | ⊗ | Hook Handle | 1 |
| 6 | 3556548 | | Elbow, 90, Nyl, 1/8 NPT x 1/4 Hose | 2 |
| 7 | 3556529 | | Brace, PWB | 1 |
| 8 | 3557256 | | Kit, Repair, Pwb Assy, Companion | a/r |
| 9 | 3556617 | | Spacer, threaded, 1/4-20 x 1.00, SS | 1 |
| 10 | 3556584 | | Enclosure/Handle, Companion | 1 |
| | 3556819 | ⊗ | Flex-Switch, 1000V, Pre-Greased | 1 |
| | 3559471 | | Enclosure/Handle Assy (replaces part 3556819) | 1 |
| 11 | 3556681 | | Gasket, Handle | 1 |
| 12 | 3557097 | | Manifold Service, Companion (Includes item 13, 70 & 71) | 1 |
| 13 | 3556705 | | Valve, Solenoid, Companion | 2 |
| 14 | 8519016 | ⊗ | Coil Assy | 1 |
| 15 | 8518949 | | Plunger Assy, Pulsator | 2 |
| 16 | 8518206 | | O-ring, Square-Wall, 1-5/8 OD | 2 |
| 17 | 3554261 | | Gasket, Flow Sensor | 1 |
| 18 | 3556682 | | Filter, Handle | 1 |
| 19 | ---- | | | - |
| 20 | 3556712 | | Loop, Pinchoff | 1 |
| 21 | 3557098 ¹ | ⊗ | Bracket, Mtg, Handle | 1 |
| 22 | 1917631 | | Connector, Term Strip, 3-Pos | 1 |
| 23 | 1917630 | | Connector, Term Strip, 2-Pos | 1 |
| 24 | 3556674 | | Plate, Ground | 1 |
| 25 | 3556676 | ⊗ | Plug, Rubber, .25 x 1.16 | 1 |
| 26 | 3556597 | | Shroud, 1000V | 1 |
| 27 | 3556551 | | Filter, Pulsation | 1 |
| 28 | 3556606 ³ | | Hanger Assy, Companion | 1 |
| 29 | 3556690 | | Hose, Rbr, .62 x 9.25, Frmd | 1 |
| 30 | 3556709 | | Label, Companion/Bou-Matic | 1 |
| 31 | 3556372 | | Hose, Silicone, .25 x .09W | a/r |
| 32 | 3556677 | | Valve Assy, Pinchoff (Includes items 29, 33 thru 40 & 80) | 1 |
| 33 | 3556707 | | Valve, Bottom, Pinchoff | 1 |
| 34 | 3556607 | | Top, Pinchoff | 1 |
| 35 | 3557698 | | Bar, Diaphragm | 1 |
| 36 | 3556614 | | Retainer, Diaphragm | 2 |
| 37 | 3555617 | | Diaphragm, 1000V, Molded | 1 |
| 38 | 3556548 | | Elbow, 90, Nyl, 1/8 NPT x 1/4 Hose | 2 |
| 39 | 3556549 | | O-ring, 2.737 x .103 | 1 |
| 40 | 3556704 | | Guide, Hose, Pinchoff | 1 |
| 41 | 3558303 ¹ | | Channel, Cylinder | 1 |
| 42 | 3557819 | ⊗ | Channel Assy, Cyl, Companion | 1 |
| 43 | 3556601 | | Plate, Backup, Threaded | 2 |
| 44 | 3556642 | | Bracket Assy, Hose | 1 |
| 45 | 3556458 | | Tube, Rd, 3.15 In x .125 x 24.00 | 1 |
| | 3558610 | | Piston Assy, 1000V (Includes 47, 49-50, 52, 65-67, 81-83) | 1 |
| 46 | 3556948 | ⊗ | Bracket, Pulley | 1 |
| 47 | 3556711 | ⊗ | Bracket, Pulley | 1 |
| 48 | 3551872 | | Pulley, Sgl-Grv, 1.25, Spl | 1 |
| | 3556653 | ⊗ | Rod, Acetal, .375 x 3.11 | 1 |
| | 3556680 | ⊗ | Cup, Packing, 3.125 | 1 |
| 49 | 3553068 | ⊗ | Piston Cup, 80MM (Rep'l by 3559096) | 1 |
| | 3559096 | | Piston Cup, 80MM, Pre-lubed | 1 |

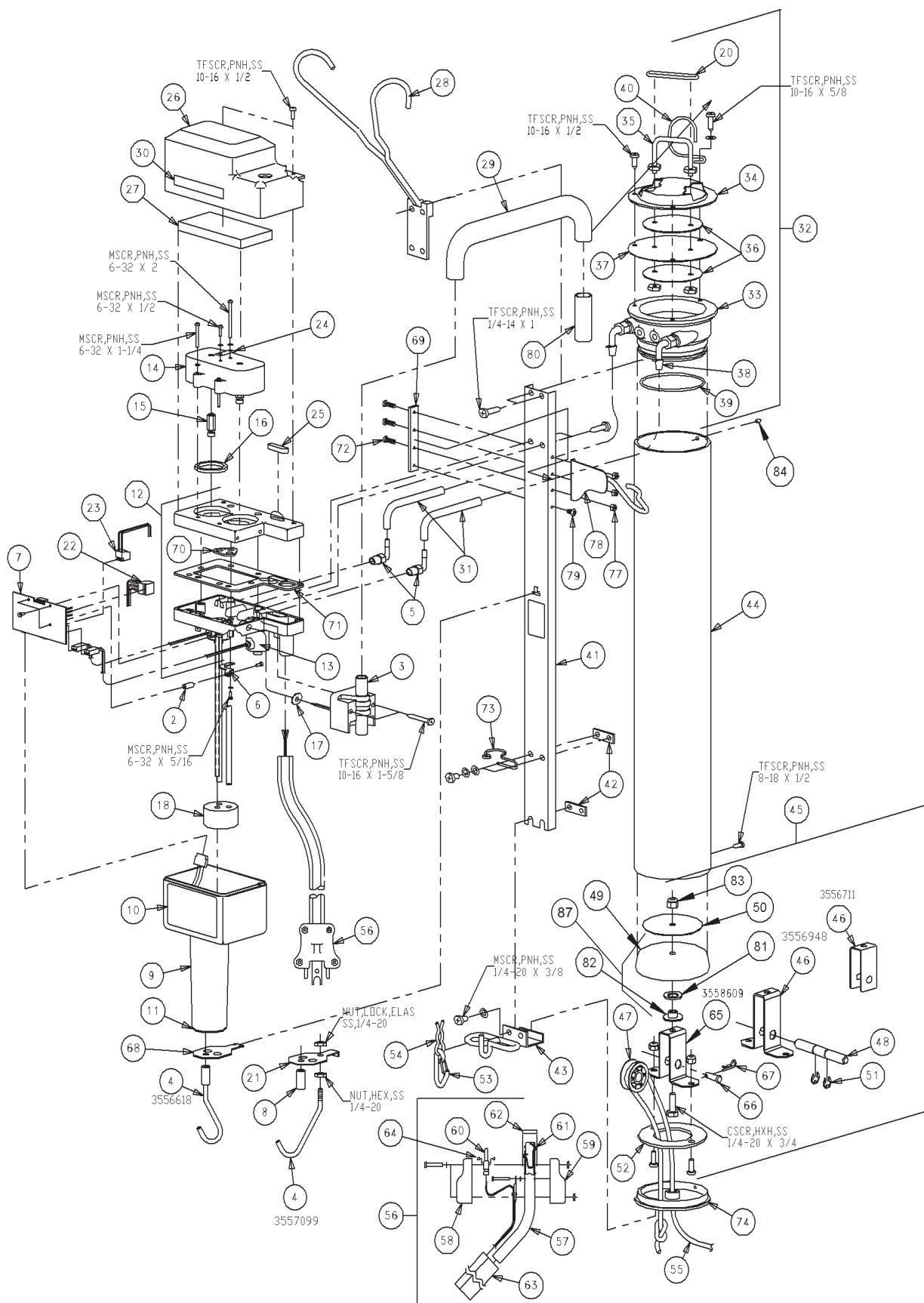
| | | | |
|----|----------------------|---|------|
| 50 | 8511969 | Retainer, Diaphragm | 2 |
| 51 | 3550833 | Ring, Retaining, Ext, E, .312 | 1 |
| 52 | 3558611 | Guide, Plunger | 1 |
| | 3556949 | Guide, Plunger, old style | 1 |
| 53 | 3556991 | Snap, Spring, SS, Looped | 1 |
| 54 | 8508268 | Link, Break-Away | 1 |
| 55 | 3556695 | Rope, Nylon, 3/16 Dia., 8 Ft | a/r |
| | 3556678 ² | Stallcock Assy, 1000V | 1 |
| 56 | 3557021 ² | Stallcock Assy, 1000V, Long (Both Include items 57 thru 64) | or 1 |
| 57 | 3556510 | Tube, Stallcock, Companion | 1 |
| 58 | 3556640 | Shell, Bottom, Stallcock | 1 |
| 59 | 3556624 | Shell, Top, Stallcock | 1 |
| 60 | 3556641 | Probe, Contact, Stallcock | 2 |
| 61 | 8519082 | Spring, Pulsator | 1 |
| 62 | 8518912 | O-ring, Square-Wall, 7/8 OD | 1 |
| 63 | 3557020 | Hose, Vac/Elect, Twin, 50 In | 1 |
| 64 | 1019159 | SSCR, SKT, SS, 6-32 x 1/8 | 2 |
| 65 | 3558609 | Bracket, Pulley | 1 |
| 66 | 8504058 | Pin, Clevis, SS, 5/16 x 1.00 | 1 |
| 67 | 3558612 | Pin, Hair, SS, 0.080 x .25 - .38 | 1 |
| 68 | 3558306 | Bracket, Mtg, Handle | 1 |
| 69 | 3558302 | Bracket, Channel, Cylinder | 1 |
| 70 | 3556582 | Gasket, Manifold, Bottom | 3 |
| 71 | 3556595 | Gasket, Manifold, Middle | 1 |
| 72 | 1098182 | Mscr, Pnh, SS, Sems, 8 - 32 x 5/8 | 3 |
| 73 | 3556917 | Clip, Hose Grip | 1 |
| 74 | 3557495 | Cap, Bottom, Cylinder, W/Holes | 1 |
| 75 | 3557908 | n/s Kit, Pulsator, Companion, Single (Includes items 15, 16, 27 & hardware) | a/r |
| 76 | 3558181 | n/s Kit, Maintenance, Companion (Includes items 11,15-16, 18, 27, 29, 37, 49, 62 & hardware) | a/r |
| 77 | 1222378 | Nut, Lock, ELAS, SS, 8-32 | 2 |
| 78 | 3558307 ¹ | Hanger Assy, Companion, Hoses | 1 |
| | 3557809 | Hanger Assy, Companion, Hoses | 1 |
| 79 | 1098177 | Mscr, Pnh, SS, 8 - 32 x 1/4 | 1 |
| 80 | 3553772 | Tube, SS, .75 x .049 x 2.50 | 1 |
| 81 | 3558964 | Washer,.395IDx.7480Dx.093,Nylon | 1 |
| 82 | 3558965 | Washer, Shoulder, Nylon, 3/4" | 1 |
| 83 | 1222352 | Nut, Lock, Elas, SS, 1/4 - 20 | 1 |
| 84 | 1019181 | SSCR, Skt, SS, 8-32, x 1/2 | 1 |
| 85 | 3558356 | Kit, Hanger, Companion (Includes item 28 & hardware) | a/r |
| 86 | 3558355 | Kit, Channel Assy, Service (Includes items 41, 68, 69 & 78 & hardware) | a/r |
| 87 | 3559096 | Kit, Piston Cup, 80MM (Includes Items 49, 81 & 82) | a/r |

NOTE:

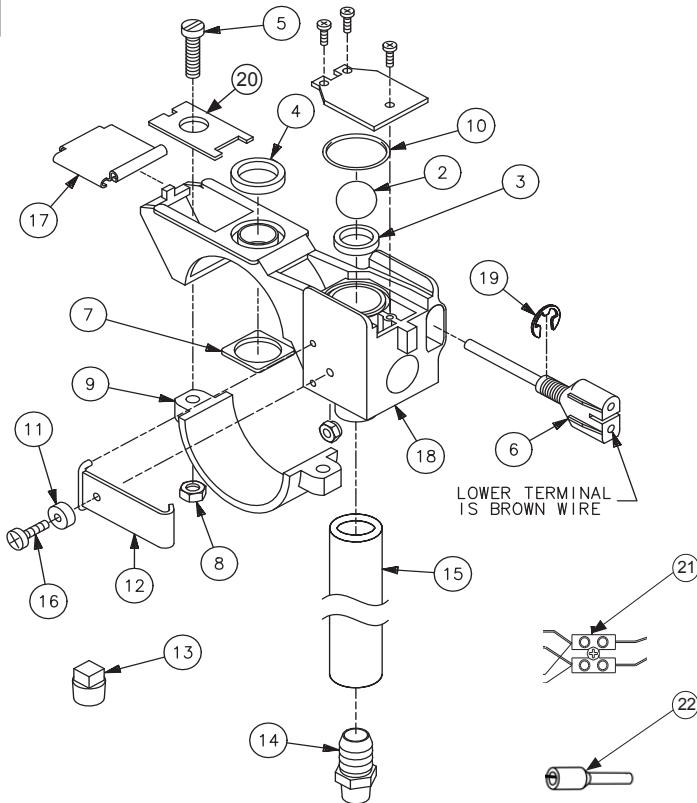
1. When replacing any of the following earlier style items, mounting handle bracket (3557098), hose hanger assembly (3557809) or cylinder channel (3557819). Order the Kit, Channel Assy, Service (3558355) item 86.
2. Figure shows adapter for separate milk valve and stallcock. See page D-70 for companion connector version.
3. When replacing the Companion hanger (3556606), order the Kit, Hanger, Companion (3558356). The kit includes hardware to update earlier Companion Detachers.

Companion Detacher Assembly

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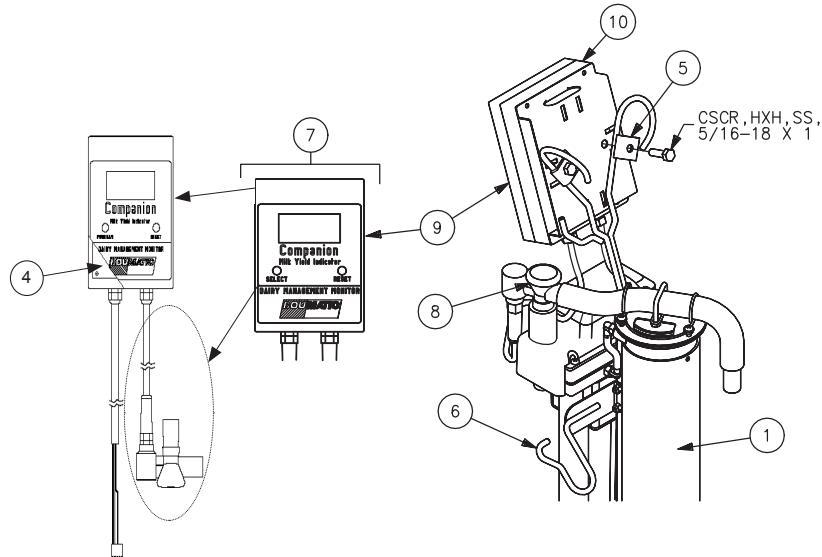
Companion Connector Valve



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|-----------|-----------|--|-----------------------------------|
| | 3557561 | Kit, Valve, 2.0", Companion Connector | 561 |
| | 3557562 | Kit, Valve, 2.5", Companion Connector | 562 |
| | 3557563 | Kit, Valve, 3.0", Companion Connector | 563 |
| 603331835 | 603331835 | HANDY-GRIP 38 MM FOR WASH | 835 |
| 603331830 | 603331830 | HANDY-GRIP 51 MM FOR WASH | 830 |
| 603331930 | 603331930 | HANDY-GRIP 76 MM FOR WASH | 930 |
| 3562816 | 3562816 | VALVE ASSY,WASH,5450TS,1.5" | 816 |
| 3562817 | 3562817 | VALVE ASSY,WASH,5450TS,2.0" | 817 |
| 3562818 | 3562818 | VALVE ASSY,WASH,5450TS,2.5" | 818 |
| 3562819 | 3562819 | VALVE ASSY,WASH,5450TS,3.0" | 819 |
| 1 | 603331773 | HANDY-GRIP 51 MM EL | 1 - - - - - - - - - - |
| | 603331783 | HANDY-GRIP 63,5MM EL, | - 1 - - - - - - - - - - |
| | 603331912 | HANDY-GRIP 76 MM EL, (All include items 2 thru 10, 18 and 19) | - - 1 - - - - - - - - - - |
| 2 | 603331733 | BALL 7/8" STEEL GD100, | 1 1 1 - - - - - - - - - - |
| 3 | 601238000 | SEAL RING 14-20-3 NBR 70 | 1 1 1 - - - - - - - - - - |
| 4 | 8500849 | SEAL, VALVE | 1 1 1 1 1 1 1 1 1 1 1 1 |
| 5 | 8519890 | ⊗ MSCR,CHH,SS,M6-1.0 X 30MM | 2 2 2 2 2 2 2 2 2 2 2 2 |
| 6 | 603618229 | CHARGING WIRE UL/CSA CPL. | 1 1 1 - - - - - - - - - - |
| 7 | 8500809 | GASKET,MILK VALVE | 1 1 1 1 1 1 1 1 1 1 1 1 |
| 8 | 8500854 | GASKET,MILK VALVE,LARGE | 1 1 1 1 1 1 1 1 1 1 1 1 |
| 8 | 3558088 | ⊗ NUT,LOCK,ELAS,SS,M6-1.0MM | 2 2 2 2 2 2 2 2 2 2 2 2 |
| 9 | 603331705 | UNDERPART FOR 38 MM HANDY-GRIP | - - - 1 - - - - - - - - - |
| | 603331700 | TOP PART, BOTTOM PART AND LID | 1 - - - - 1 - - - - - - - |
| | 603331734 | ⊗ UNDERPART 63,5 MM HANDY-GRIP | - 1 - - - - - - - - - - - |
| | 603331701 | TOP -,BOTTOM PART,LID, 63,5 MM | - 1 - - - - - - - - - - - |
| | 603331914 | UNDERPART 76 MM HANDY-GRIP | - - 1 - - - 1 1 1 1 1 1 1 |
| 10 | 601236001 | O-RING,26MM X 2MM NBR 70 | 1 1 1 - - - - - - - - - - |
| 11 | 603020110 | GASKET OUTSIDE | - - - 1 1 1 1 1 1 1 1 1 1 |
| 12 | 603331740 | RETAINING HOOK | - - - - 1 1 1 1 1 1 1 1 1 |
| 13 | 1400901 | PLUG,SQ HD,GALV,3/8 | 1 1 1 - - - - - - - - - - |
| 14 | 3553278 | ADAPTER,5/8HOSE X 3/8NPT | 1 1 1 - - - - - - - - - - |
| 15 | 8515287 | HOSE,MILK,SILICONE,5/8IDX100FT | a/r a/r a/r - - - - - - - |
| 16 | 3557605 | ⊗ SCREW,PNH,M5 X 16MM | - - - 1 1 1 1 1 1 1 1 1 1 |
| 17 | 3557730 | COVER,MILK,SLIDING,COMPANION | 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 18 | 603331700 | TOP PART, BOTTOM PART AND LID | 1 - - - - 1 - - - - - - - |
| 18 | 603331697 | TOP PART FOR 63,5 MM | - 1 - - - - - - - - 1 - - 1 |
| 18 | 603331698 | TOP PART FOR 76 MM | - - 1 - - - - 1 1 - 1 - 1 - |
| 19 | 3550833 | RING,RETAINING,EXT,E,.312 | 1 1 1 - - - - - - - - - - |
| 20 | 3558457 | ⊗ COVER,DUST,COMP CONN,1.5-2.0" (RBY 603331735) | 1 1 - 1 1 - - - - - - - |
| 20 | 603331735 | SUPPORTING PLATE PLASTIC,38- 63.5 MM HANDY-GRIP | 1 1 - 1 1 1 1 1 1 1 1 1 - |
| 21 | 603331913 | SUPPORTING PLATE PLASTIC,HANDY-GRIP | - - 1 - - - - - - - - - 1 |
| 21 | 1917660 | CONNECTOR,TERM STRIP, 2-POS | 1 1 1 - - - - - - - - - - |
| 22 | 1916626 | CONNECTOR,PIN,FERRULE,18 GA | 2 2 2 - - - - - - - - - - |

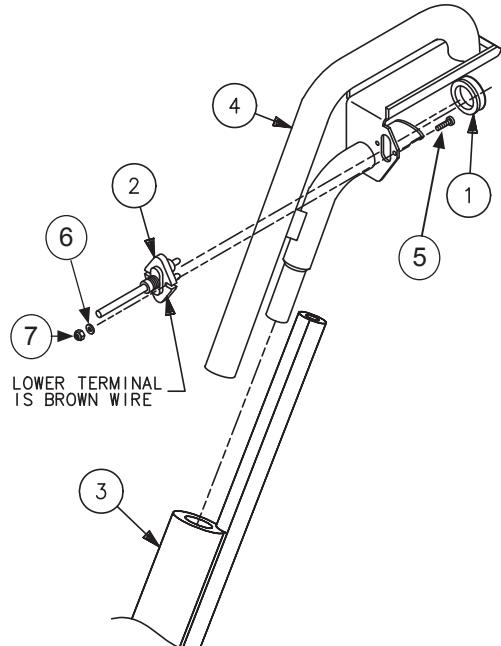
Companion Detacher with Indicator Kits

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 71 |
| EFFECTIVE: 9/14/18 | |



| ITEM | PART NO. | ⊖=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|------|----------|-----------------------------|--|-----------------------------------|---|---|
| | 3557810 | ⊖ | Kit, Indicator Comp. (Upgrade) | 810 | | |
| | 3557820 | ⊖ | Kit, Comp w/Indic, L/Connector | 820 | | |
| | 3557821 | ⊖ | Kit, Comp w/Indic, w/2-2.5" Conn | 821 | | |
| | 3557822 | ⊖ | Kit, Comp w/Indic, w/3" Conn | 822 | | |
| 1 | 3557554 | ⊖ | Detacher Assy, Companion | - | 1 | - |
| 1 | 3557656 | ⊖ | Detacher Assy, Companion, L/Conn (Parts for detachers on pages D-68 & 69) | - | - | 1 |
| 2 | 3557659 | ⊖ n/s | Handle, 2/2.5", L/Cable | - | - | 1 |
| 2 | 3557660 | ⊖ n/s | Handle, 3", L/Cable (Parts on page D-71) | - | - | 1 |
| 3 | ----- | | | - | - | - |
| 4 | 3557826 | ⊖ | PWB, Comp, Milk Yield Indicator | 1 | 1 | 1 |
| 5 | 8506897 | | Retainer, Hanger, Claw | 2 | 2 | 2 |
| 6 | 3557809 | ⊖ | Hanger Assy, Companion, Hoses (Parts for detachers on pages D-68 & 69) | 1 | 1 | 1 |
| 7 | 3657807 | ⊖ | *Indicator, Companion, Yield, Milk (Includes items 8 thru 10) | 1 | 1 | 1 |
| 8 | 3557823 | | Sensor, Comp Milk Yield Indicator | 1 | 1 | 1 |
| 9 | 3557824 | ⊖ | Cover & Label Assy, Comp M.Y.I. | 1 | 1 | 1 |
| 10 | 3557825 | ⊖ | Enclosure, L/Cover, Comp M.Y.I. | 1 | 1 | 1 |

Companion Connector Handle



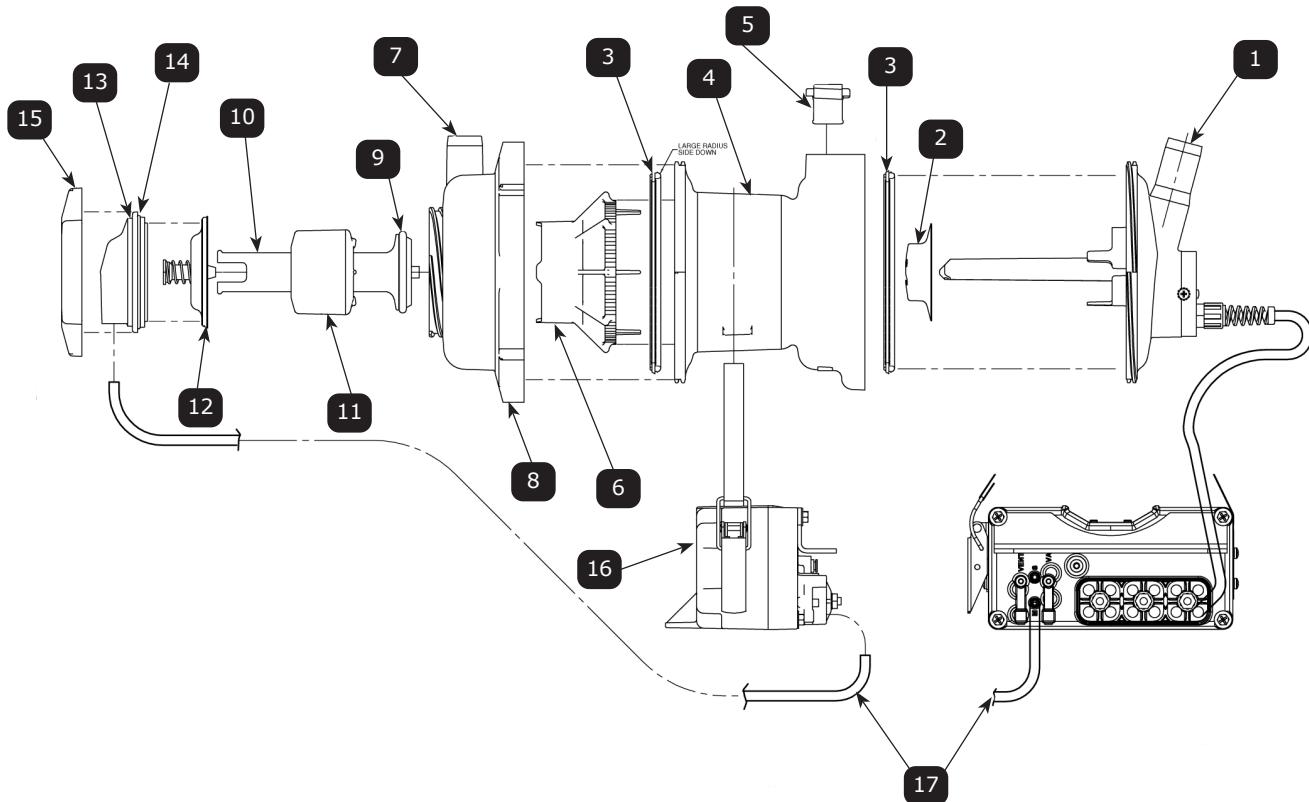
| ITEM | PART NO. | ⊖=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------------------|-----------------------------|--|--------------------------|
| | 3562786 | ⊖ | Handle, 2"/2.5", Companion Connector | - |
| | 3562787 | ⊖ | Handle, 3", Companion Connector | - |
| 1 | 603331737 | | Gasket, V, Companion Connector | 1 1 |
| 2 | 603331928 | | Cable Assy, Comp., w/Fasteners (Includes items 5 thru 7) | 1 1 |
| 3 | 3557654 | | Hose, Vac/Elect, Twin, Notched | a/r a/r |
| | 3557659 ¹ | ⊖ | Handle, 2/2.5", L/Cable | 1 - |
| | 3557660 ¹ | ⊖ | Handle, 3", L/Cable | - 1 |
| 4 | 603331940 | | Handigrip, 2-2.5" | 1 - |
| | 603331941 | | Handigrip, 3" (Handigrrips include V Gasket, Item #1 - 603331737) | - 1 |
| 5 | 1096155 | | Mscr, Pnh, SS, 4-40 x 3/4 | 2 2 |
| 6 | 1208397 | | Washer, Plain, SS, #4 | 2 2 |
| 7 | 1222376 | | Nut, Lock, Elas, SS, 4-40 | 2 2 |

Note:

- When replacing handle(s), all sliding milk valve covers (3557730) will be need to be replaced.

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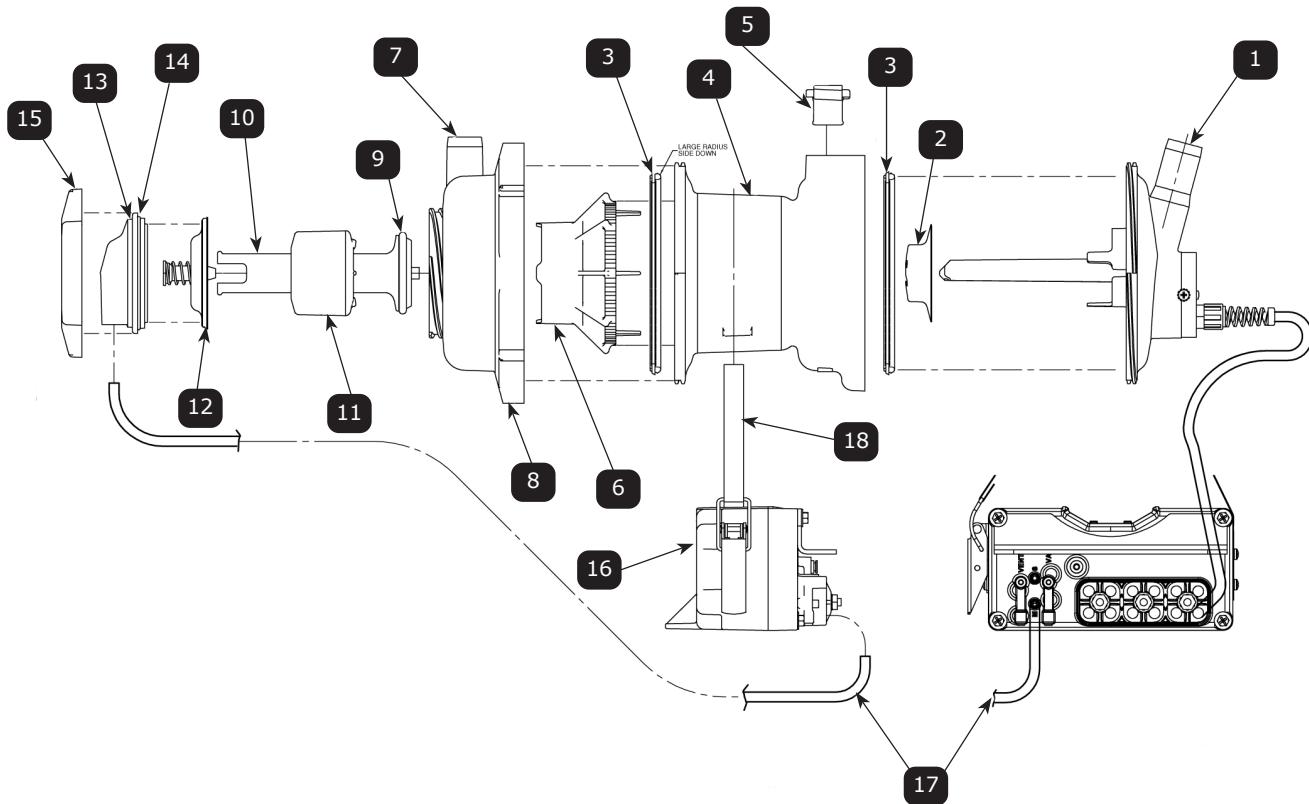
Smart Control Meter Assembly, Right & Left Hand, Air Shutoff



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------------|---|-----------------------------------|------|
| | | | 0107 | 0108 |
| | 3560107 | Meter Assy, LH, Air | | |
| | 3560108 | Meter Assy, RH, Air | | |
| 1 | 3559186 | Outlet Assy, Meter Service | 1 | 1 |
| 2 | 3562049 | Deflector, Wash, SmartControl Meter | 1 | 1 |
| 3 | 3555852 | Gasket, Meter | 2 | 2 |
| 4 | 3555861 | Body, Meter | 1 | 1 |
| 5 | 3556266 | Plug, Sampler | 1 | 1 |
| 6 | 3556229 | Baffle, Meter | 1 | 1 |
| 7 | 3556361 | Inlet, LH, Meter | 1 | - |
| | 3555850 | Inlet, RH, Meter | - | 1 |
| 8 | 3556366 | Ring, Inlet, Meter | 1 | 1 |
| 9 | 3555610 | O-Ring, 1.475 x .210 | 1 | 1 |
| 10 | 3556231 | Plunger, Meter | 1 | 1 |
| 11 | 3556418 | Float Assy, Calibrated | 1 | 1 |
| 12 | 3556359 | Diaphragm Assy, Meter | 1 | 1 |
| 13 | 3556190 | Cap, Diaphragm, w/groove | 1 | 1 |
| 14 | 3556392 | O-Ring, 2.489 x .070 | 1 | 1 |
| 15 | 3555854 | Ring, Cap, Meter | 1 | 1 |
| 16 | 3560106 | Control Assy, SmartControl, Air <i>(Refer to SmartControl Meter Assembly, Control, Air & Vacuum Shutoff page D-76 for parts breakdown)</i> | - | - |
| 17 | 3556371 | Hose, Silicone, .125 x .06 wall | a/r | a/r |
| 18 | 3556621 | n/s Kit, Service, Perf, Milk Meter <i>(Includes Item #3, 5, 9, 12 and 14)</i> | 1 | 1 |

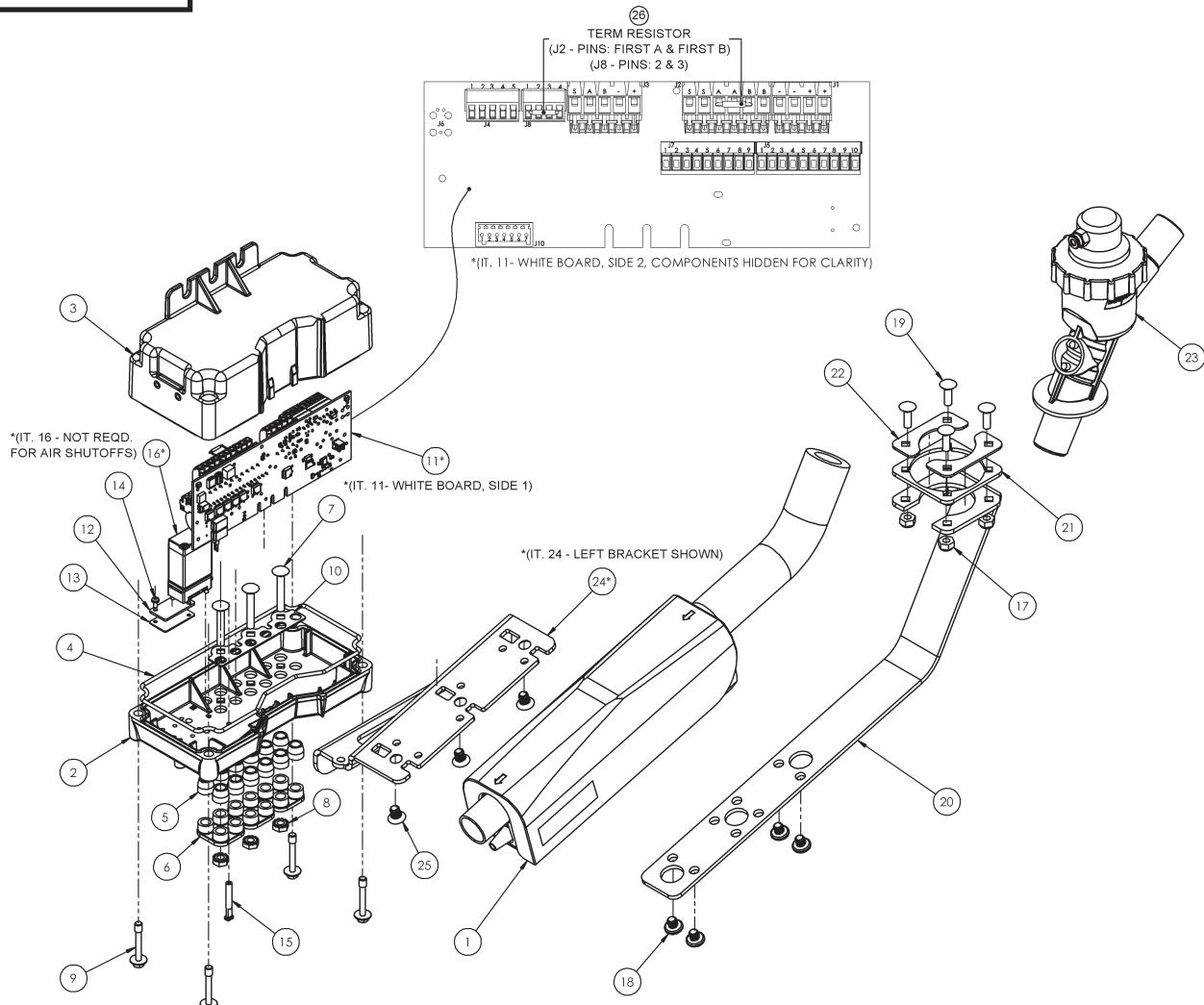
Smart Control Meter Assembly, Right & Left Hand, Vacuum Shutoff

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 73 |
| EFFECTIVE: 7/24/23 | |



| ITEM | PART NO. | Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------------|---------------------------|--|-----------------------------------|-----|
| | 3559861 | | Meter Assy, RH, Vac | 9861 | |
| | 3559862 | | Meter Assy, LH, Vac | 9862 | |
| 1 | 3559186 | | Outlet Assy, Meter Service | 1 | 1 |
| 2 | 3562049 | | Deflector, Wash, SmartControl Meter | 1 | 1 |
| 3 | 3555852 | | Gasket, Meter | 2 | 2 |
| 4 | 3555861 | | Body, Meter | 1 | 1 |
| 5 | 3556266 | | Plug, Sampler | 1 | 1 |
| 6 | 3556229 | | Baffle, Meter | 1 | 1 |
| 7 | 3556361 | ⊗ | Inlet, LH, Meter | - | 1 |
| | 3555850 | | Inlet, RH, Meter | 1 | - |
| 8 | 3556366 | | Ring, Inlet, Meter | 1 | 1 |
| 9 | 3555610 | | O-Ring, 1.475 x .210 | 1 | 1 |
| 10 | 3556231 | | Plunger, Meter | 1 | 1 |
| 11 | 3556418 | | Float Assy, Calibrated | 1 | 1 |
| 12 | 3556697 | | Diaphragm Assy, Meter, Repl | 1 | 1 |
| 13 | 3556190 | | Cap, Diaphragm, w/groove | 1 | 1 |
| 14 | 3556392 | | O-Ring, 2.489 x .070 | 1 | 1 |
| 15 | 3555854 | | Ring, Cap, Meter | 1 | 1 |
| 16 | 3559198 | | Control Assy, SmartControl, Vac (Refer to SmartControl Meter Assembly, Control, Air & Vacuum Shutoff page D-76 for parts breakdown) | - | - |
| 17 | 3556371 | | Hose, Silicone, .125 x .06 wall | a/r | a/r |
| 18 | 3559197 | | Latch Assy, P-Metrix 3000 | 1 | 1 |
| 19 | 3556621 | n/s | Kit, Service, Perf, Milk Meter (Includes Item #3, 5, 9, 12 and 14) | 1 | 1 |

**FloSmart Meter Assembly, Right & Left Hand,
Air and Vacuum Shutoff**



| ITEM | PART NO. | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|---------------------------------------|
| | 3563640 | FLOSMART METER ASSEMBLY,LH,AIR 3640 |
| | 3563641 | FLOSMART METER ASSEMBLY,RH,AIR 3641 |
| | 3563642 | FLOSMART METER ASSEMBLY,RH,VAC 3642 |
| | 3563643 | FLOSMART METER ASSEMBLY,LH,VAC 3643 |
| 1 | 3563764 | FLOSMART MFM ASSEMBLY 1 1 1 1 |
| 2 | 3559142 | MANIFOLD,MTG,METER 1 1 1 1 |
| 3 | 3559141 | HOUSING,MTG,METER 1 1 1 1 |
| 4 | 3559195 | O-RING,5.345 X .070,SILICONE 1 1 1 1 |
| 5 | 3559147 | BUSHING,CABLE,.265 DIA 12 12 12 12 |
| 6 | 3559146 | PLATE,COMPRESSION,STR-RLF 3 3 3 3 |
| 7 | 1201206 | BOLT,CRG,SS,10-24 X 1.25 3 3 3 3 |
| 8 | 1219379 | NUT,HEX,KEPS,SS,10-24 3 3 3 3 |
| 9 | 3559206 | SCREW,CAPTIVE,HWH,SS,M5-.8X30 4 4 4 4 |
| 10 | 3559890 | PLATE,BACKUP,STRAIN-RLF 1 1 1 1 |
| 11 | 3563481 | PCBA, FLOS & SMARTMETER CNTRL 1 1 1 1 |
| 12 | 3560109 | PLATE,BLANKING,SOLENOID 2 2 1 1 |
| 13 | 3559998 | GASKET,BLANKING,SOLENOID 2 2 1 1 |
| 14 | 3560338 | MSCR,PNH,SS,M2.5 X 5.0 4 4 2 2 |
| 15 | 8507089 | CONN , PUSH , PLUG , 5/32 1 1 1 1 |
| 16 | 3559316 | VALVE,SOLENOID,METER 0 0 1 1 |
| 17 | 1222379 | NUT,LOCK,ELAS,SS,10-24 4 4 4 4 |
| 18 | 1099002 | MSCR,PNH,SS 18-8,1/4-20 X 1/4 4 4 4 4 |
| 19 | 1201201 | BOLT,CRG,SS,10-24 X 5/8 4 4 4 4 |
| 20 | 3563490 | BRKT, SHUT OFF VALVE SFLO 1 1 1 1 |
| 21 | 3558400 | SPACER,MTG,SENSOR,W/NIPPLE 1 1 1 1 |
| 22 | 3558399 | BRACKET, MTG,SENSOR 2 2 2 2 |
| 23 | 3559545 | n/s SHUTOFF ASSY,W/NIPPLE,AIR 1 1 0 0 |
| 23 | 3559544 | n/s SHUTOFF ASSY,W/NIPPLE,VAC 0 0 1 1 |
| 24 | 3563488 | n/s BRKT, RIGHT, FLOSMART 0 1 1 0 |
| 24 | 3563489 | n/s BRKT, LEFT, FLOSMART 1 0 0 1 |
| 25 | 1008004 | MSCR,FLH,SS 18-8,1/4-20 X 3/8 3 3 3 3 |
| 26 | 3557453 | TERMINATION RESISTOR a/r a/r a/r a/r |

Note: 1. See page 78 for repair part information.

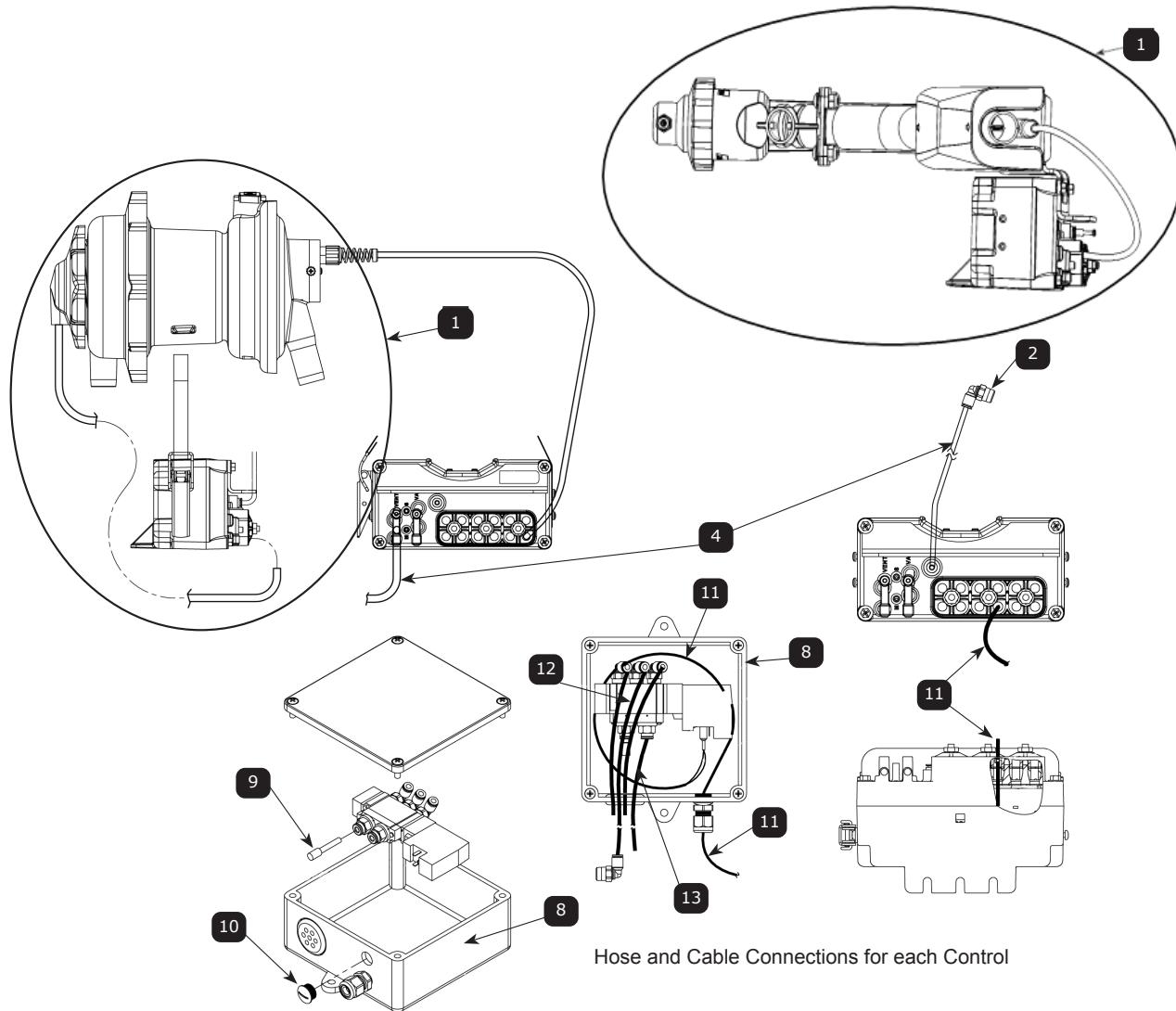
SmartControl & FloSmart Meter Assembly, General Usage, Right & Left Hand, Air Shutoff

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 75 |
| EFFECTIVE: 1/27/21 | |

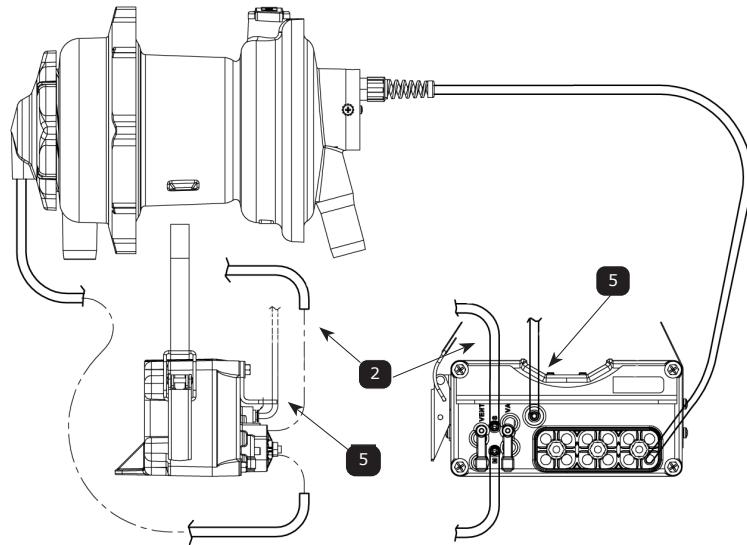
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------------|-----------------------------|-------------------------------------|-----------------------------------|
| | 3560730 | | Meter Assy, SmartControl, LH, Air | 0730 |
| | 3560731 | ⊗ | Meter Assy, SmartControl, RH, Air | 0731 |
| | 3563618 | | FloSmart Assy, LH, Air, VP, 1 PT | 3618 |
| | 3563619 | | FloSmart Assy, RH, Air, VP, 1 PT | 3619 |
| 1 | 3560108 ¹ | | Meter Assy, RH, Air | - - |
| | 3560107 ¹ | | Meter Assy, LH, Air | - - |
| | 3563640 ² | | FloSmart Meter Assembly, LH, Air | - - |
| | 3563641 ² | | FloSmart Meter Assembly, RH, Air | - - |
| 2 | 8507015 | | Conn, SWL, Elb, 5/32 OD x 1/4 NPT | 2 2 |
| 3 | 3556483 | n/s | Elbow, .90, Nyl, 1/4 NPT x 1/4 Hose | 2 2 |
| 4 | 322641YW | ⊗ | Tube, Nylon, Yellow, 5/32", 500ft | a/r a/r |
| 5 | 3556372 | n/s | Hose, Silicone, .25 x .09 Wall | a/r a/r |
| 6 | ----- | n/s | Nut, Hex, Flange, LCK, 1/4-20, SS | 3 3 |
| 7 | 3559459 | n/s | Brkt Assy, Mounting, Milk Meter | 1 1 |
| 8 | 3560105 ³ | | Enclosure Assy, Valve, Air | - - |
| 9 | 8507089 | | Conn, Push, Plug, 5/32 | 1 1 |
| 10 | 3560493 | | Plug, Dome, PG7 | 1 1 |
| 11 | 3559502 | | Cable Assy, One Stall, T-Point | 1 1 |
| 12 | 3556251 | | Hose, Nylon, Nat, 5/32 OD x 500ft | a/r a/r |
| 13 | 3556250 | | Hose, Nylon, Grn, 5/32 OD x 500ft | a/r a/r |

Note:

1. Refer to SmartControl Meter Assembly, Right & Left Hand, Air Shutoff page for parts breakdown.
2. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.
3. Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for parts breakdown.



SmartControl & FloSmart Meter Assembly, General Usage, Right & Left Hand, Vacuum Shutoff



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|------|----------------------|-----------------------------|------------------------------------|---------------------------|
| | 3559199 | | Meter Assy, SmartCtrl, RH, Vac | 9199 |
| | 3559200 | | Meter Assy, SmartCtrl, LH, Vac | 9200 |
| | 3563644 | | FLOSMART ASSY,LH,VAC,VP,1 PT | 3644 |
| | 3563645 | | FLOSMART ASSY,RH,VAC,VP,1 PT | 3645 |
| 1 | 3559861 ¹ | n/s | Meter Assy, RH, Vac | - - |
| | 3559862 ¹ | n/s | Meter Assy, LH, Vac | - - |
| | 3563643 ² | n/s | FLOSMART METER ASSEMBLY,RH,VAC | - - |
| | 3563642 ² | n/s | FLOSMART METER ASSEMBLY,LH,VAC | - - |
| 2 | 3556371 | | Hose, Silicone, .125 x .06 Wall | a/r a/r |
| 3 | 8507015 | n/s | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 1 1 |
| 4 | 3556483 | n/s | Elbow, 90 Nyl, 1/4 NPT x 1/4 Hose | 2 2 |
| 5 | 322641YW | ⊗ | Tube, Nylon, Yellow, 5/32", 500 ft | a/r a/r |
| 6 | 3556372 | n/s | Hose, Silicone, .25 x .09 Wall | a/r a/r |
| 7 | ----- | n/s | Nut, Hex, Flange/Lck, 1/4-20, SS | 3 3 |
| 8 | 3559459 | n/s | Brkt Assy, Mtg, Milk Meter | 1 1 |

Notes:

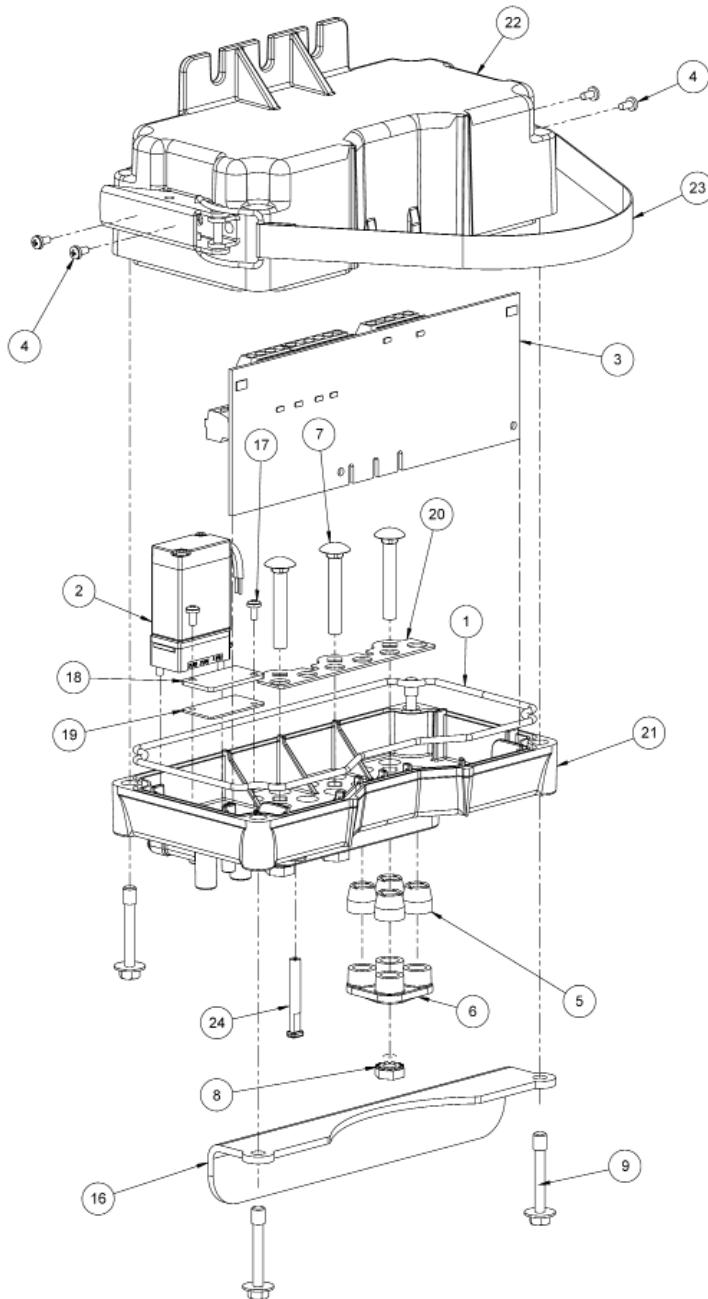
1. Refer to SmartControl Meter Assembly, Right & Left, Vac Shutoff page for parts breakdown.
2. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.

SmartControl Meter Assembly, Control, Air & Vacuum Shut Off

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|----------------|----------------------|-----------------------------|-------------------------------------|-----------------------------------|
| | 3559198 | | Ctrl Assy, SmartCtrl, Vac | 9198 |
| | 3560106 | | Ctrl Assy, SmartCtrl, Air | 0106 |
| 1 | 3559195 | | O-Ring, 5.345 x .070, Silicone | 1 1 |
| 2 | 3559316 | | Valve, Solenoid, Meter | 2 1 |
| 3 ¹ | 3559117 [⊗] | | PWB Assy, SmartControl | 1 1 |
| | 3563481 | | PCBA, FLOS & SMARTMETER CNTRL | 1 1 |
| 4 | ----- | | MSCR, PNH, SS, M3.5-.6 x 6, Nyl | 4 4 |
| 5 | 3559147 | | Bushing, Cable, .265 Dia. | 12 12 |
| 6 | 3559146 | | Plate, Compression, Str-Rlf | 3 3 |
| 7 | ----- | | Bolt, CRG, SS, 10-24 x 1.25 | 3 3 |
| 8 | ----- | | Nut, Hex, Keps, SS, 10-24 | 3 3 |
| 9 | 3559206 | | Screw, Captive, HWH, SS, M5-.8 x 30 | 4 4 |
| 10 | 1916874 | n/s | Connector, Plug, VT, 10-Pin x 3.5MM | 1 1 |
| 11 | 1916875 | n/s | Connector, Plug, VT, 9-Pin x 3.5MM | 1 1 |
| 12 | 3559205 | n/s | Conn, Term Block, 6-Pin, 5MM | 1 1 |

**SmartControl Meter Assembly,
Control, Air & Vacuum Shut Off, Cont.**

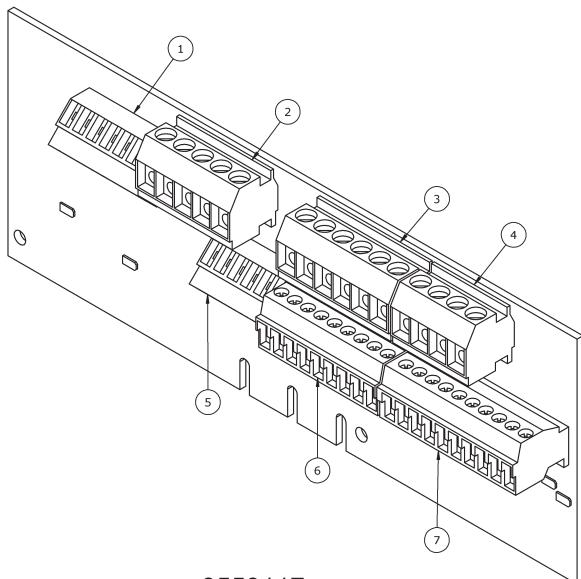
| | |
|-----------------------|-------------------|
| SECTION D | PAGE 77 |
| EFFECTIVE: 5/18/21 | |



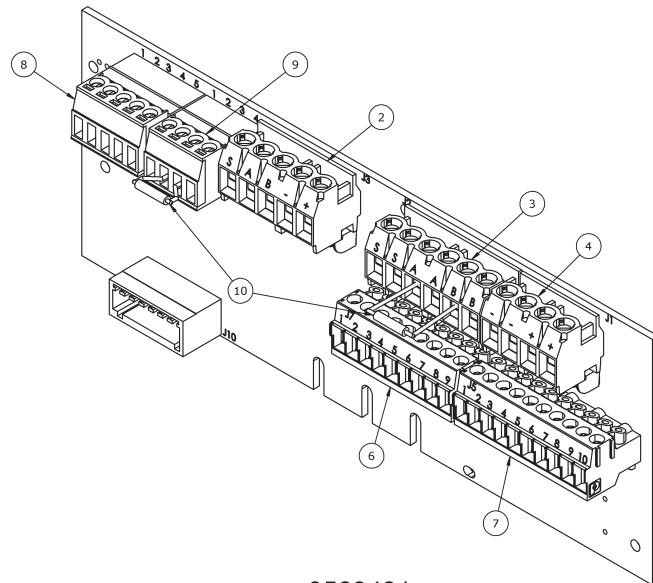
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------|-----------------------------|----------------------------------|-----------------------------------|-----|
| 13 | 3559204 | n/s | Conn, Term Block, 5-Pin, 5MM | 1 | 1 |
| 14 | 3559203 | n/s | Conn, Term Block, 4-Pin, 4MM | 1 | 1 |
| 15 | 1939514 | n/s | Insulator, Sleeve, PVC, 08 | a/r | a/r |
| 16 | 3559860 | | Bracket, Stiffener, SmartControl | 1 | 1 |
| 17 | ----- | | MSCR, PNH, SS, M2.5 x 5.0 | - | 2 |
| 18 | 3560109 | | Plate, Blanking, Solenoid | - | 1 |
| 19 | 3559998 | | Gasket, Blanking, Solenoid | - | 1 |
| 20 | 3559890 | | Plate, Backup, Strain-Rlf | 1 | 1 |
| 21 | 3559142 | | Manifold, Mtg, Meter | 1 | 1 |
| 22 | 3559141 | | Housing, Mtg, Meter | 1 | 1 |
| 23 | 3559197 | | Latch Assy, P-Metrix 3000 | 1 | 1 |
| 24 | 8507089 | | Conn, Push, Plug, 5/32 | 1 | 1 |

Note: 1. See page 78 for repair part information.

**SmartControl Meter Assembly,
Control, Air & Vacuum Shut Off, Cont.**



3559117
(Green Board)

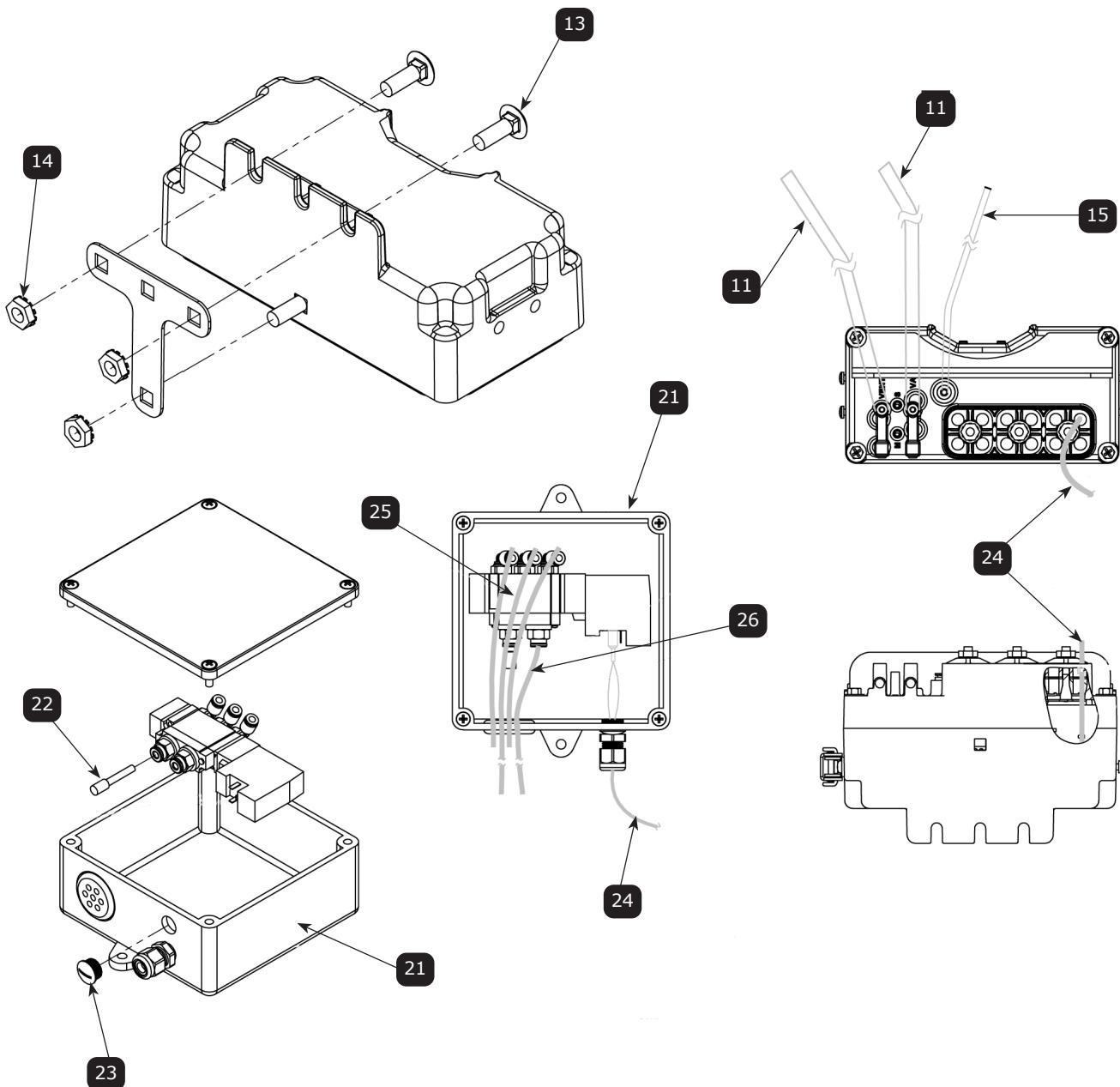


3563481
(White Board)

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|
| | 3559117 | ⊗ | PWB ASSY,SMARTCONTROL | 9117 |
| | 3563481 | | PCBA, FLOS & SMARTMETER CNTRL | 3481 |
| 1 | 1917683 | ⊗ | CONNECTOR,TERM BLK,7-POS,3.5MM | 1 |
| 2 | 3559204 | | CONN,TERM BLOCK,5-PIN,5MM | 1 |
| 3 | 3559205 | | CONN,TERM BLOCK,6-PIN,5MM | 1 |
| 4 | 3559203 | | CONN,TERM BLOCK,4-PIN,5MM | 1 |
| 5 | 1917684 | ⊗ | CONNECTOR,TERM BLK,6-POS,3.5MM | 1 |
| 6 | 1916875 | | CONNECTOR,PLUG,VT,9-PINX 3.5MM | 1 |
| 7 | 1916874 | | CONNECTOR,PLUG,VT,10-PINX3.5MM | 1 |
| 8 | 3563459 | | 5 POS TERM BLK MALE .138 3.5MM | - |
| 9 | 3563460 | | 4 POS TERM BLK MALE .138 3.5MM | 1 |
| 10 | 3557453 | | TERMINATION,PRISM | 2 |

**SmartControl & FloSmart Meter Assembly, 3 & 4 Stall
Group for TouchPoint, Right & Left Hand, Air Shutoff**

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EFFECTIVE: 1/27/21



**SmartControl & FloSmart Meter Assembly, 3 & 4 Stall
Group for TouchPoint, Right & Left Hand, Air Shutoff cont'd**

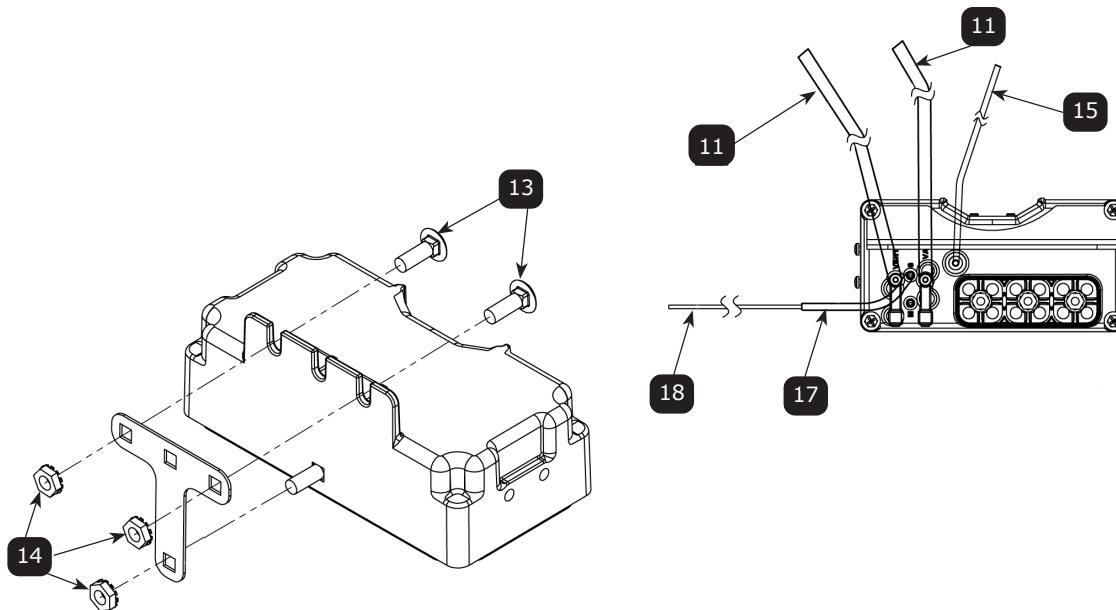
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|-----------------------|-----------------------------|---------------------------------------|-----------------------------------|------|------|------|
| | 3559837 | | Meter Assy, TP, LH, Air, 3 Cow Grp | 9837 | | | |
| | 3559839 | | Meter Assy, TP, LH, Air, 4 Cow Grp | | 9839 | | |
| | 3560349 | | Meter Assy, TP, RH, Air, 3 Cow Grp | | | 0349 | |
| | 3560350 | | Meter Assy, TP, RH, Air, 4 Cow Grp | | | | 0350 |
| | 3563626 | | FLOSMART ASSY,LH,AIR,TP,3 PT | 3626 | | | |
| | 3563628 | | FLOSMART ASSY,LH,AIR,TP,4 PT | | 3628 | | |
| | 3563627 | | FLOSMART ASSY,RH,AIR,TP,3 PT | | | 3627 | |
| | 3563629 | | FLOSMART ASSY,RH,AIR,TP,4 PT | | | | 3629 |
| 1 | 3560107 ¹ | n/s | Meter Assy, LH, Air | - | - | - | - |
| | 3560108 ¹ | n/s | Meter Assy, RH, Air | - | - | - | - |
| | 3563640 ² | n/s | FLOSMART METER ASSEMBLY,LH,AIR | - | - | - | - |
| | 3563641 ² | n/s | FLOSMART METER ASSEMBLY,RH,AIR | - | - | - | - |
| 2 | 3557453 | n/s | Termination, Prism | 1 | 1 | 1 | 1 |
| 3 | 3560101 [⊗] | n/s | Cable Assy, Prism-Sub, 84" | 2 | 3 | 2 | 3 |
| 4 | 3560100 | n/s | Cable Assy, Prism-Sub, 100 ft | 1 | 1 | 1 | 1 |
| 5 | 3560103 [⊗] | n/s | Cable Assy, Power, 84" | 2 | 3 | 2 | 3 |
| 6 | 3560104 | n/s | Cable Assy, Power, 100 ft | 1 | 1 | 1 | 1 |
| 7 | 3560102 [⊗] | n/s | Cable Assy, Comm, 84" | 2 | 3 | 2 | 3 |
| 8 | 3560370 | n/s | Cable Assy, Prism-Main, M, 16" | 1 | 1 | 1 | 1 |
| 9 | 3560371 | n/s | Cable Assy, Prism-Main, F, 74" | 1 | 1 | 1 | 1 |
| 10 | 1916643 | n/s | Connector, Pin, Dual, 20 ga., Ferrule | 8 | 11 | 8 | 11 |
| 11 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | a/r | a/r | a/r |
| 12 | 3560705 | n/s | Conn, Tee, 1/4 NPT x (2) 1/4 Hose | 3 | 4 | 3 | 4 |
| 13 | ----- | | Bolt, CRG, SS, 1/4-20 x 3/4 | 9 | 12 | 9 | 12 |
| 14 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 18 | 24 | 18 | 24 |
| 15 | 322641YW [⊗] | | Tube, Nylon, Yellow, 5/32", 500 ft | a/r | a/r | a/r | a/r |
| 16 | 3560743 | n/s | Conn, Push, Tee, 5/32 x 1/4 NPT | 4 | 4 | 4 | 4 |
| 17 | 3559777 | n/s | Cable Assy, Pulsator, 72" | 3 | 4 | 3 | 4 |
| 18 | 3559782 | n/s | Connector Assy, Cap, M, 3-Pin | 3 | 4 | 3 | 4 |
| 19 | 1939528 | n/s | Insulator, Sleeve, PVC, 5/8 | a/r | a/r | a/r | a/r |
| 20 | 1916633 | n/s | Connector, Pin, Ferrule, 20 ga. | 1 | 1 | 1 | 1 |
| 21 | 3560105 ³ | | Enclosure Assy, Valve, Air | - | - | - | - |
| 22 | 8507089 | | Conn, Push, Plug, 5/32 | 3 | 4 | 3 | 4 |
| 23 | 3560493 | | Plug, Dome, Pg7 | 3 | 4 | 3 | 4 |
| 24 | 3559502 | | Cable Assy, One Stall, T-Point | 3 | 4 | 3 | 4 |
| 25 | 3556251 | | Hose, Nylon, Nat, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r |
| 26 | 3556250 | | Hoser, Nylon, Grn, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r |

Notes:

1. Refer to SmartControl Meter Assembly, Right & Left Hand, Air Shutoff page for part breakdown.
2. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.
3. Refer to D85 Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown.

**SmartControl & FloSmart Meter Assembly, 3 & 4 Stall
Groups for TouchPoint, Right & Left Hand, Vacuum Shutoff**

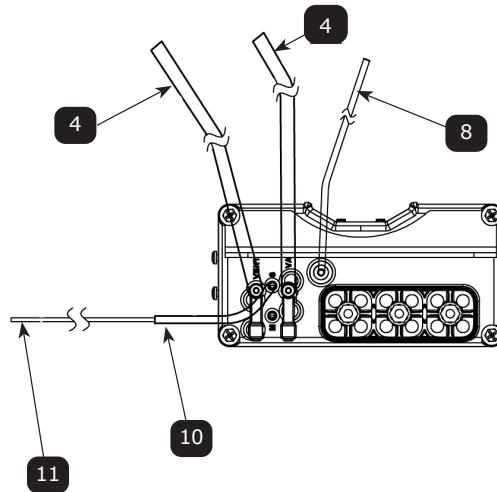
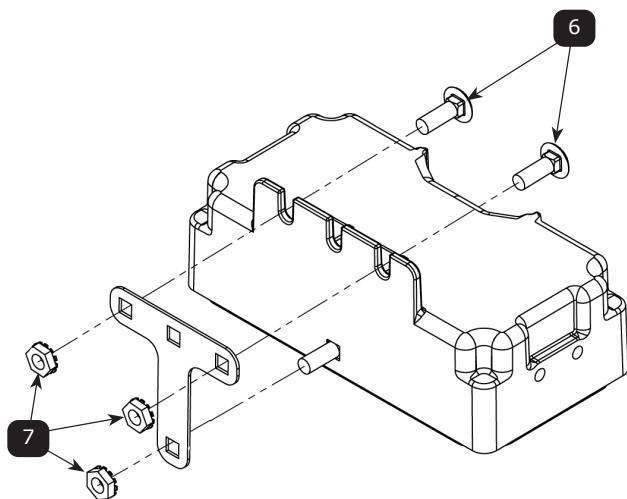
| | |
|-----------------------|-------------------|
| SECTION D | PAGE 81 |
| EFFECTIVE: 1/27/21 | |



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------------------|-----------------------------|---------------------------------------|-----------------------------------|------|------|------|
| | 3559836 | | Meter Assy, TP, LH, Vac, 3 Cow Grp | 9836 | | | |
| | 3559838 | | Meter Assy, TP, LH, Vac, 4 Cow Grp | | 9838 | | |
| | 3560351 | | Meter Assy, TP, RH, Vac, 3 Cow Grp | | | 0351 | |
| | 3560352 | | Meter Assy, TP, RH, Vac, 4 Cow Grp | | | | 0352 |
| | 3563652 | | FLOSMART ASSY,LH,VAC,TP,3 PT | 3652 | | | |
| | 3563654 | | FLOSMART ASSY,LH,VAC,TP,4 PT | | 3654 | | |
| | 3563653 | | FLOSMART ASSY,RH,VAC,TP,3 PT | | | 3653 | |
| | 3563655 | | FLOSMART ASSY,RH,VAC,TP,4 PT | | | | 3655 |
| 1 | 3559861 ¹ | n/s | Meter Assy, RH, Vac | - | - | - | - |
| | 3559862 ¹ | n/s | Meter Assy, LH, Vac | - | - | - | - |
| | 3563643 ² | n/s | FLOSMART METER ASSEMBLY,RH,VAC | - | - | - | - |
| | 3563642 ² | n/s | FLOSMART METER ASSEMBLY,LH,VAC | - | - | - | - |
| 2 | 3557453 | n/s | Termination, Prism | 1 | 1 | 1 | 1 |
| 3 | 3560101 | ⊗ | Cable Assy, Prism-Sub, 84" | 2 | 3 | 2 | 3 |
| 4 | 3560100 | n/s | Cable Assy, Prism-Sub, 100 ft | 1 | 1 | 1 | 1 |
| 5 | 3560103 | ⊗ | Cable Assy, Power, 84" | 2 | 3 | 2 | 3 |
| 6 | 3560104 | n/s | Cable Assy, Power, 100 ft | 1 | 1 | 1 | 1 |
| 7 | 3560102 | ⊗ | Cable Assy, Comm., 84" | 2 | 3 | 2 | 3 |
| 8 | 3560370 | n/s | Cable Assy, Prism-Main, M, 16" | 1 | 1 | 1 | 1 |
| 9 | 3560371 | n/s | Cable Assy, Prism-Main, F, 74" | 1 | 1 | 1 | 1 |
| 10 | 1916643 | n/s | Connector, Pin, Dual, 20 ga., Ferrule | 8 | 11 | 8 | 11 |
| 11 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | a/r | a/r | a/r |
| 12 | 3560705 | n/s | Conn, Tee, 1/4 NPT x (2) 1/4 Hose | 3 | 4 | 3 | 4 |
| 13 | ----- | | Bolt, CRG, SS, 1/4-20 x 3/4 | 9 | 12 | 9 | 12 |
| 14 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 18 | 24 | 18 | 24 |
| 15 | 322641YW | ⊗ | Tube, Nylon, Yellow, 5/32", 500 ft | a/r | a/r | a/r | a/r |
| 16 | 3560743 | n/s | Conn, Push, Tee, 5/32 x 1/4 NPT | 2 | 2 | 2 | 2 |
| 17 | 3556371 | | Hose, Sil, .250 OD x .125 ID x .06 W | a/r | a/r | a/r | a/r |
| 18 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r |
| 19 | 3559777 | n/s | Cable Assy, Pulsator, 72" | 3 | 4 | 3 | 4 |
| 20 | 3559782 | n/s | Connector Assy, Cap, M, 3-Pin | 3 | 4 | 3 | 4 |
| 21 | 1939528 | n/s | Insulator, Sleeve, PVC, 5/8 | a/r | a/r | a/r | a/r |
| 22 | 1916633 | n/s | Connector, Pin, Ferrule, 20 ga. | 1 | 1 | 1 | 1 |

Notes:

1. Refer to SmartControl Meter Assembly, Right & Left, Vac Shutoff page for parts breakdown.
2. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.

**SmartControl & FloSmart Meter Assembly, 3 & 4 Stall
Group for ViewPoint, Right & Left Hand, Vacuum Shutoff**

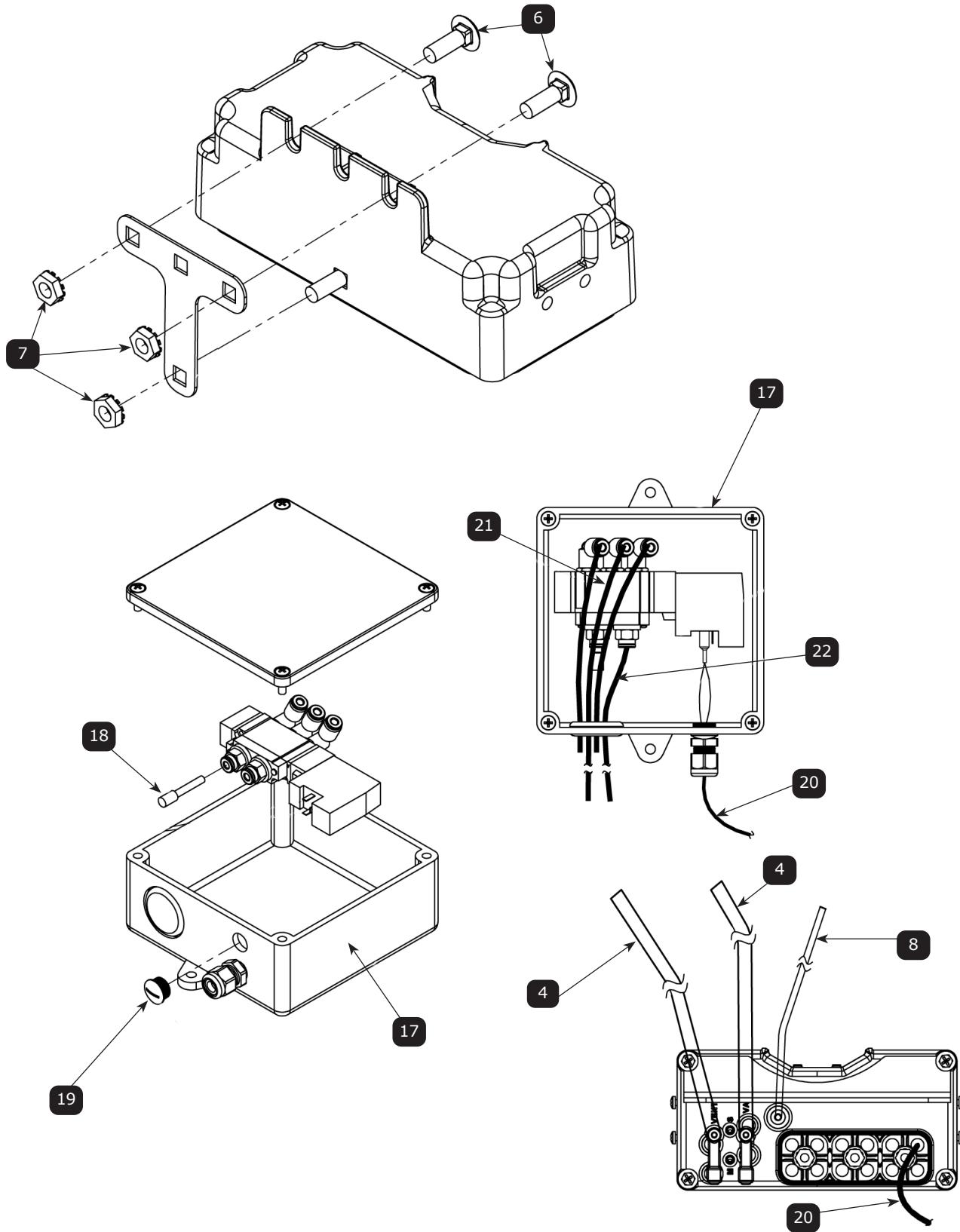
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|-----------------------|-----------------------------|--------------------------------------|-----------------------------------|------|------|------|
| | 3560384 | | Meter Assy, VP, LH, Vac, 3 Cow Grp | 0384 | | | |
| | 3560385 | | Meter Assy, VP, LH, Vac, 4 Cow Grp | | 0385 | | |
| | 3560386 | | Meter Assy, VP, RH, Vac, 3 Cow Grp | | | 0386 | |
| | 3560387 | | Meter Assy, VP, RH, Vac, 4 Cow Grp | | | | 0387 |
| | 3563646 | | FLOSMART ASSY,LH,VAC,VP,3 PT | 3646 | | | |
| | 3563648 | | FLOSMART ASSY,LH,VAC,VP,4 PT | | 3648 | | |
| | 3563647 | | FLOSMART ASSY,RH,VAC,VP,3 PT | | | 3647 | |
| | 3563649 | | FLOSMART ASSY,RH,VAC,VP,4 PT | | | | 3649 |
| 1 | 3559861 ¹ | n/s | Meter Assy, RH, Vac | - | - | - | - |
| | 3559862 ¹ | n/s | Meter Assy, LH, Vac | - | - | - | - |
| | 3563643 ² | n/s | FLOSMART METER ASSEMBLY,RH,VAC | - | - | - | - |
| | 3563642 ² | n/s | FLOSMART METER ASSEMBLY,LH,VAC | - | - | - | - |
| 2 | 3560103 [⊗] | n/s | Cable Assy, Power, 84" | 2 | 3 | 2 | 3 |
| 3 | 3560102 [⊗] | n/s | Cable Assy, Comm., 84" | 2 | 3 | 2 | 3 |
| 4 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | a/r | a/r | a/r |
| 5 | 3560705 | n/s | Conn, Tee, 1/4 NPT x (2) 1/4 Hose | 3 | 4 | 3 | 4 |
| 6 | ----- | | Bolt, CRG, SS, 1/4-20 x 3/4 | 9 | 12 | 9 | 12 |
| 7 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 18 | 24 | 18 | 24 |
| 8 | 322641YW [⊗] | | Tube, Nylon, Yellow, 5/32", 500 ft | a/r | a/r | a/r | a/r |
| 9 | 3560743 | n/s | Conn, Push, Tee, 5/32 x 1/4 NPT | 4 | 4 | 4 | 4 |
| 10 | 3556371 | | Hose, Sil, .250 OD x .125 ID x .06 W | a/r | a/r | a/r | a/r |
| 11 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r |
| 12 | 3560707 | n/s | Cable Assy, LED/SW/Q-St, 100 ft | 3 | 4 | 3 | 4 |
| 13 | 1939526 | n/s | Insulator, Sleeve, PVC, 1/2 | a/r | a/r | a/r | a/r |
| 14 | 3560370 | n/s | Cable Assy, Prism-Main, M, 16" | 1 | 1 | 1 | 1 |
| 15 | 3560371 | n/s | Cable Assy, Prism-Main, F, 74" | 1 | 1 | 1 | 1 |
| 16 | 3560104 | n/s | Cable Assy, Power, 100 ft | 1 | 1 | 1 | 1 |
| 17 | 3559777 | n/s | Cable Assy, Pulsator, 72" | 3 | 4 | 3 | 4 |
| 18 | 3559782 | n/s | Connector Assy, Cap, M, 3-Pin | 3 | 4 | 3 | 4 |

Notes:

1. Refer to SmartControl Meter Assembly, Right & Left, Vac Shutoff page for parts breakdown.
2. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.

SmartControl & FloSmart Meter Assembly, 3 & 4 Stall Groups for ViewPoint, Right & Left Hand, Air Shutoff

SECTION D
PAGE 83
EFFECTIVE: 1/27/21



SmartControl & FloSmart Meter Assembly, 3 & 4 Stall Groups for ViewPoint, Right & Left Hand, Air Shutoff

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------------------|-----------------------------|------------------------------------|-----------------------------------|------|------|------|
| | 3560380 | | Meter Assy, VP, LH, Air, 3 Cow Grp | 0380 | | | |
| | 3560381 | | Meter Assy, VP, LH, Air, 4 Cow Grp | | 0381 | | |
| | 3560382 | | Meter Assy, VP, RH, Air, 3 Cow Grp | | | 0382 | |
| | 3560383 | | Meter Assy, VP, RH, Air, 4 Cow Grp | | | | 0383 |
| | 3563620 | n/s | FLOSMART ASSY,LH,AIR,VP,3 PT | 3620 | | | |
| | 3563622 | n/s | FLOSMART ASSY,LH,AIR,VP,4 PT | | 3622 | | |
| | 3563621 | n/s | FLOSMART ASSY,RH,AIR,VP,3 PT | | | 3621 | |
| | 3563623 | n/s | FLOSMART ASSY,RH,AIR,VP,4 PT | | | | 3623 |
| | 3560107 ¹ | n/s | Meter Assy, LH, Air | - | - | - | - |
| 1 | 3560108 ¹ | n/s | Meter Assy, RH, Air | - | - | - | - |
| | 3563640 ² | n/s | FLOSMART METER ASSEMBLY,LH,AIR | - | - | - | - |
| | 3563641 ² | n/s | FLOSMART METER ASSEMBLY,RH,AIR | - | - | - | - |
| 2 | 3560103 | ⊗ | n/s Cable Assy, Power, 84" | 2 | 3 | 2 | 3 |
| 3 | 3560102 | ⊗ | n/s Cable Assy, Comm., 84" | 2 | 3 | 2 | 3 |
| 4 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | a/r | a/r | a/r |
| 5 | 3560705 | n/s | Conn., Tee, 1/4 NPT x (2) 1/4 Hose | 3 | 4 | 3 | 4 |
| 6 | ----- | | Bolt, CRG, SS, 1/4-20 x 3/4 | 9 | 12 | 9 | 12 |
| 7 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 18 | 24 | 18 | 24 |
| 8 | 322641YW | ⊗ | Tube, Nylon, Yellow, 5/32", 500 ft | a/r | a/r | a/r | a/r |
| 9 | 3560743 | n/s | Conn, Push, Tee, 5/32 x 1/4 NPT | 4 | 4 | 4 | 4 |
| 10 | 3560707 | n/s | Cable Assy, Led/SW/Q-St, 100 ft | 3 | 4 | 3 | 4 |
| 11 | 1939526 | n/s | Insulator, Sleeve, PVC, 1/2 | a/r | a/r | a/r | a/r |
| 12 | 3560370 | n/s | Cable Assy, Prism-Main, M, 16" | 1 | 1 | 1 | 1 |
| 13 | 3560371 | n/s | Cable Assy, Prism-Main, F, 74" | 1 | 1 | 1 | 1 |
| 14 | 3560104 | n/s | Cable Assy, Power, 100 ft | 1 | 1 | 1 | 1 |
| 15 | 3559777 | n/s | Cable Assy, Pulsator, 72" | 3 | 4 | 3 | 4 |
| 16 | 3559782 | n/s | Connector Assy, Cap, M, 3-Pin | 3 | 4 | 3 | 4 |
| 17 | 3560105 ³ | | Enclosure Assy, Valve, Air | - | - | - | - |
| 18 | 8507089 | | Conn, Push, Plug, 5/32 | 3 | 4 | 3 | 4 |
| 19 | 3560493 | | Plug, Dome, PG7 | 3 | 4 | 3 | 4 |
| 20 | 3559502 | | Cable Assy, One Stall, T-Point | 3 | 4 | 3 | 4 |
| 21 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r |
| 22 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r |

Notes:

1. Refer to SmartControl Meter Assembly, Right & Left Hand, Air Shutoff page for part breakdown.
2. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.
3. Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown.

**SmartControl &FloSmart Meter Assembly, Xcalibur
360EX, Basement, Air & Vacuum Shut Off**

| | |
|-----------------------|-------------------|
| SECTION D | PAGE 85 |
| EFFECTIVE: 1/27/21 | |

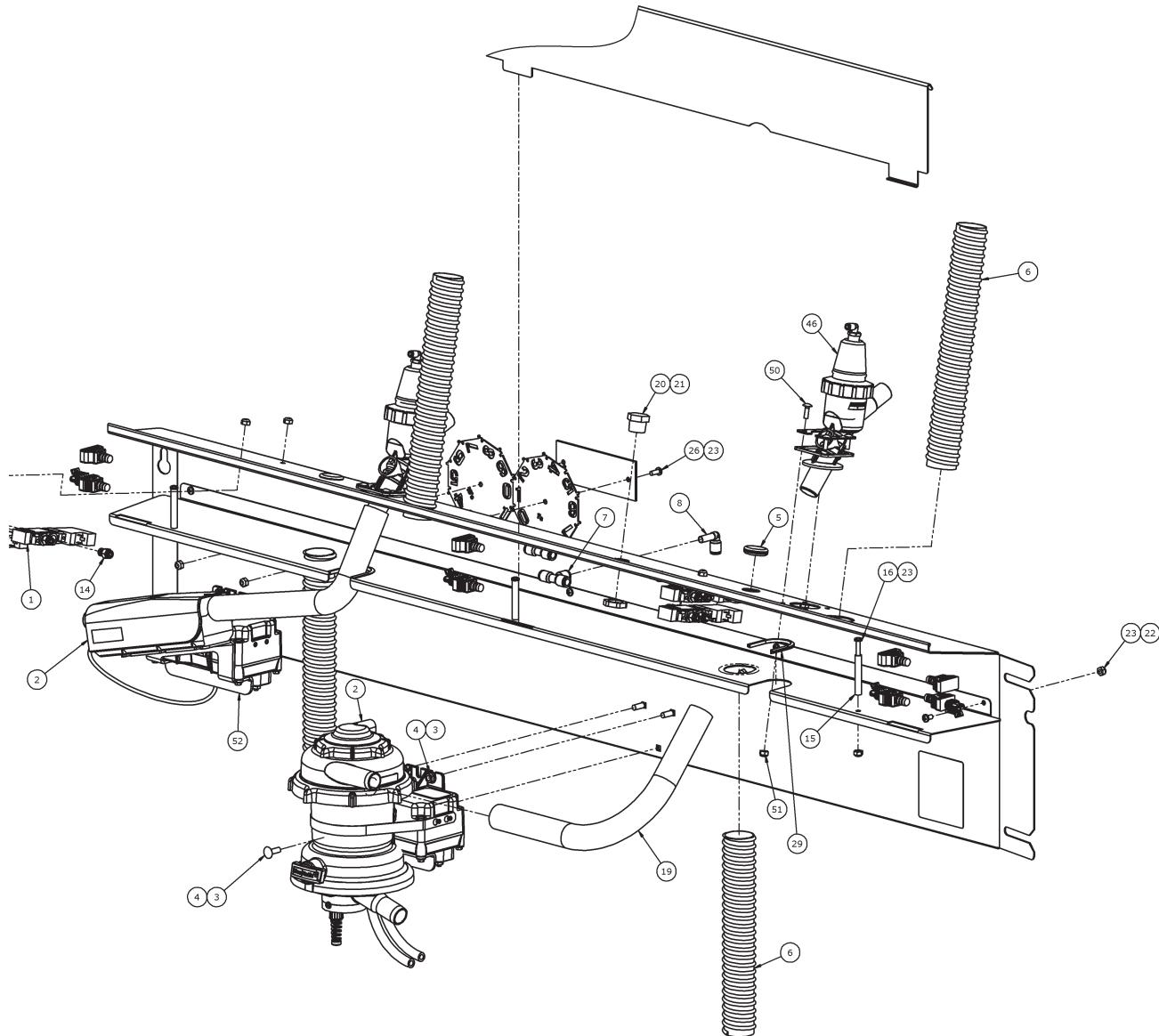
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|--|-----------------------------------|
| | 8594548 | | SMART CONT ASSY,XCAL360,BM,110 | 4548 |
| | 8592135 | | SMART CONT ASSY,XCAL360,BM,100 | 2135 |
| | 8594549 | | SMART CONT ASSY,XCAL360,BM,90 | 4549 |
| | 8583115 | | SMART CONT ASSY,XCAL360,BM,80 | 3115 |
| | 8583116 | | SMART CONT ASSY,XCAL360,BM,72 | 3116 |
| | 8583117 | | SMART CONT ASSY,XCAL360,BM,60 | 3117 |
| | 8583118 | | SMART CONT ASSY,XCAL360,BM,50 | 3118 |
| | 8583119 | | SMART CONT ASSY,XCAL360,BM,44 | 3119 |
| | 8583120 | | SMART CONT ASSY,XCAL360,BM,40 | 3120 |
| | 8593545 | | FLOSMART ASSY,AIR,XCAL360,B-M,110 | 3545 |
| | 8593544 | | FLOSMART ASSY,AIR,XCAL360,B-M,100 | 3544 |
| | 8594595 | | FLOSMART ASSY,AIR,XCAL360,B-M,90 | 4595 |
| | 8593333 | | FLOSMART ASSY,AIR,XCAL360,B-M,80 | 3333 |
| | 8593332 | | FLOSMART ASSY,AIR,XCAL360,B-M,72 | 3332 |
| | 8593331 | | FLOSMART ASSY,AIR,XCAL360,B-M,60 | 3331 |
| | 8593330 | | FLOSMART ASSY,VAC,XCAL360,B-M,50 | 3330 |
| | 8593329 | | FLOSMART ASSY,AIR,XCAL360,B-M,44 | 3329 |
| | 8593328 | | FLOSMART ASSY,AIR,XCAL360,B-M,40 | 3328 |
| 1 | 3559301 | | Valve, 4-way, Air, Low Power | 2 |
| | 3559861 | | Meter Assy, RH, Vac. (Refer to SmartControl Meter Assembly, Right & Left, Air Shutoff page for parts breakdown) | - |
| 2 | 3563764 | | FLOSMART MFM ASSEMBLY | - |
| 3 | ----- | | Bolt, CRG, SS, 1/4-20 x 3/4 | 6 |
| 4 | ----- | | Nut, Hex, Flange, LCK, 1/4-20, SS | 6 |
| 5 | 3556157 | | Grommet, Multiple, 5/32 | 2 |
| 6 | 8583107 | | Conduit, Flex, Liq-Tite, 1-1/4 | a/r |
| 7 | 8583112 | | Conn, Push, Tee, 5/16 | 2 |
| 8 | 583113 | | Conn, Push, Elbow, Polug-In, 5/16 | 2 |
| 9 | 8583114 | | Conn, Push, Elb, 5/16 x 1/4 NPT | 2 |
| 10 | 8583108 | | Conn, Push, Union Y, 3/8 | 1 |
| 11 | 8583109 | | Conn, Push, RDCR, 1/4 x 3/8 Tube | 1 |
| 12 | 8583111 | | Conn, Push, Elbow, 5/16 | 4 |
| 13 | 3558277 | | Conn, Push, Union Y, 1/4 | 1 |
| 14 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 8 |
| 15 | ----- | | Spacer, Rd, Nyl, .312 x .194 x 200 | 3 |
| 16 | ----- | | MSCR, PNH, SS, 10-32 x 2-1/2 | 3 |
| 17 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r |
| 18 | 3556371 | n/s | Hose, Sil, .250 OD x .125 ID x .06 W | a/r |
| 19 | 8516039 | | Hose, Milk, Silicone, 3/4 id X 100 ft | a/r |
| 20 | 3559240 | | Plug, Hex, HD, Nyl, 1/2 NPT | 1 |
| 21 | 1917551 | | Connector, Dome, Nut, 1/2 NPT | 1 |
| 22 | ----- | | MSCR, PNH, SS, 10-32 x 3/8 | 10 |
| 23 | ----- | | Nut, Lock, Elas, SS, 10-32 | 17 |
| 24 | 8583151 | ⊗ | n/s Pipe, PVC, Dry Air, 65.88 | 1 |
| 25 | 3554109 | ⊗ | n/s Conn, Swl, Tee, 5/32 x 5/32 x 1/8 NPT | 2 |
| 26 | ----- | | MSCR, PNH, SS, 10-32 x 1/2 | 4 |
| 27 | 8583130 | ⊗ | n/s Hose, PVC, Reinf, Poly, 1.25 x 100 ft | a/r |
| 28 | 8510101 | ⊗ | n/s Clamp, Hose, SS, #20, .81 - 1.75 | 2 |
| 29 | 4016780 | | Trim, Seal, Flexible | a/r |
| 30 | 3559929 | | Cable Assy, DC, Power, M, 45" | 3 |
| 31 | 3559928 | | Cable Assy, DC, Power, F, 45" | 1 |
| 32 | 3561033 | | Cable Assy, LED & SW, M/F, 213" | 2 |
| 33 | 3559932 | | Cable Assy, Prism-Main, F, 45" | 1 |
| 34 | 3559931 | | Cable Assy, Prism-Main, M, 45" | 1 |
| 35 | 3559777 | | Cable Assy, Pulsator, 72" | 2 |
| 36 | 3559935 | | Cable Assy, Prism-Sub, M, 45" | 2 |
| 37 | 3559502 | | Cable Assy, One Stall, T-Point | 2 |

SmartControl & FloSmart Meter Assembly, Xcalibur 360EX, Basement, Air & Vacuum Shut Off, cont'd

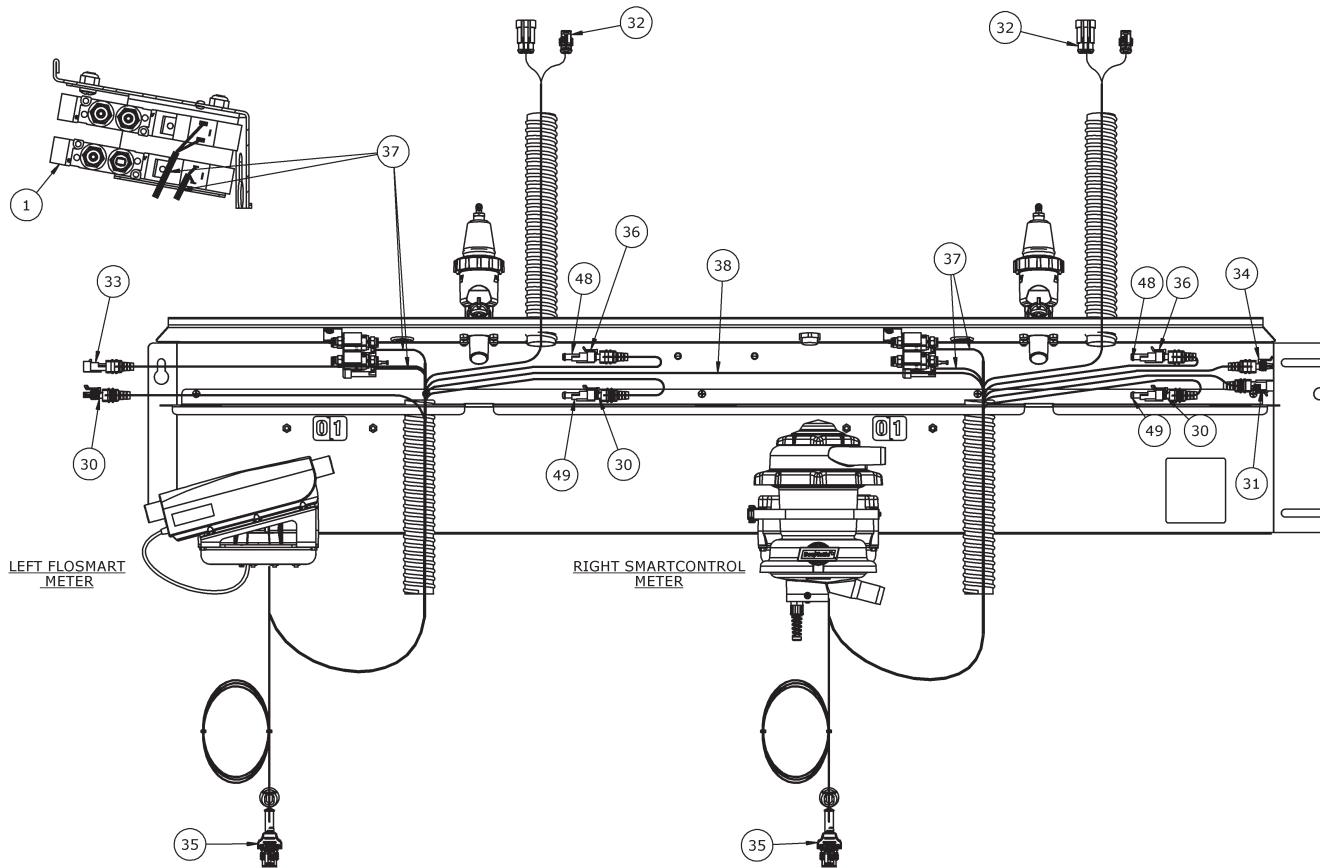
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|--------------------------------------|-----------------------------------|
| | 8594548 | | SMART CONT ASSY,XCAL360,BM,110 | 4548 |
| | 8592135 | | SMART CONT ASSY,XCAL360,BM,100 | 2135 |
| | 8594549 | | SMART CONT ASSY,XCAL360,BM,90 | 4549 |
| | 8583115 | | SMART CONT ASSY,XCAL360,BM,80 | 3115 |
| | 8583116 | | SMART CONT ASSY,XCAL360,BM,72 | 3116 |
| | 8583117 | | SMART CONT ASSY,XCAL360,BM,60 | 3117 |
| | 8583118 | | SMART CONT ASSY,XCAL360,BM,50 | 3118 |
| | 8583119 | | SMART CONT ASSY,XCAL360,BM,44 | 3119 |
| | 8583120 | | SMART CONT ASSY,XCAL360,BM,40 | 3120 |
| | 8593545 | | FLOSMART ASSY,AIR,XCAL360,B-M,110 | 3545 |
| | 8593544 | | FLOSMART ASSY,AIR,XCAL360,B-M,100 | 3544 |
| | 8594595 | | FLOSMART ASSY,AIR,XCAL360,B-M,90 | 4595 |
| | 8593333 | | FLOSMART ASSY,AIR,XCAL360,B-M,80 | 3333 |
| | 8593332 | | FLOSMART ASSY,AIR,XCAL360,B-M,72 | 3332 |
| | 8593331 | | FLOSMART ASSY AIR,XCAL360,B-M,60 | 3331 |
| | 8593330 | | FLOSMART ASSY,VAC,XCAL360,B-M,50 | 3330 |
| | 8593329 | | FLOSMART ASSY,AIR,XCAL360,B-M,44 | 3329 |
| | 8593328 | | FLOSMART ASSY,AIR,XCAL360,B-M,40 | 3328 |
| 38 | 3559330 | | Cable Assy, Stall to Stall | 1 |
| 39 | 322641YW | ⊗ | n/s Hose, Nyl, Yel, 5/32 OD x 500 ft | a/r |
| 40 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500 ft | a/r |
| 41 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500 ft | a/r |
| 42 | 3559885 | | n/s Hose, Nyl, Nat, 1/4 OD x 500 ft | a/r |
| 43 | 3558984 | | Hose, Nyl, Nat, 3/8 OD x 1000 ft | a/r |
| 44 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 ft | a/r |
| 45 | 3559996 | | Hose, Nyl, Nat, 5/16 OD x 100 ft | a/r |
| 46 | 3559544 | ⊗ | n/s Shutoff Assy, w/Nipple, Vac. | - |
| 46 | 3559545 | | n/s Shutoff Assy, w/Nipple, Air | - |
| 47 | 3554087 | | Conn, Push, 1/4 OD x 1/8 NPT | 2 |
| 48 | 3559780 | | Connector, Assy, Cap, M, 2-Pin | 2 |
| 49 | 3559782 | | Connector Assy, Cap, M, 3-Pin | 2 |
| 50 | ----- | | Bolt, CRG, SS, 10-24 x 5/8 | 8 |
| 51 | ----- | | Nut, Lock, Elas, SS, 10-24 | 8 |
| 52 | 3563494 | | BRKT,LEFT,FLOSMART KIT | - |

**SmartControl & FloSmart Meter Assembly, Xcalibur
360EX, Basement, Air & Vacuum Shut Off, cont'd**

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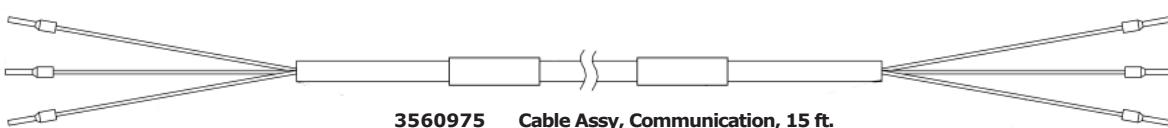
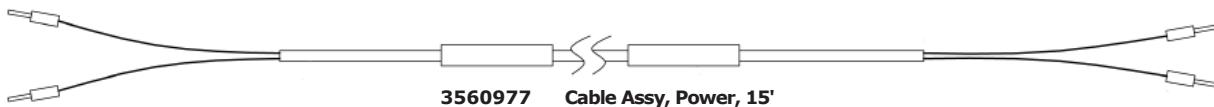
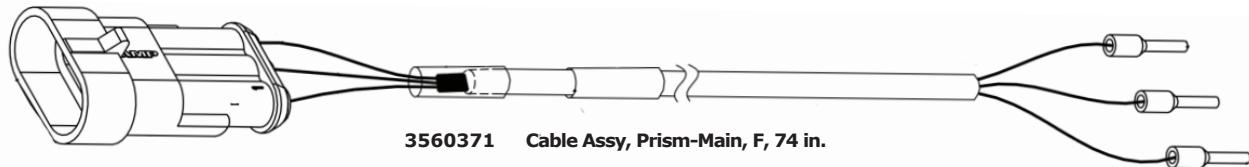
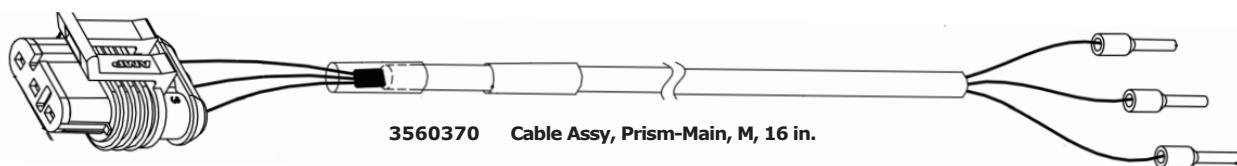
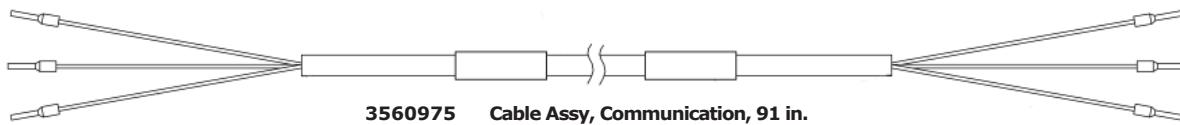
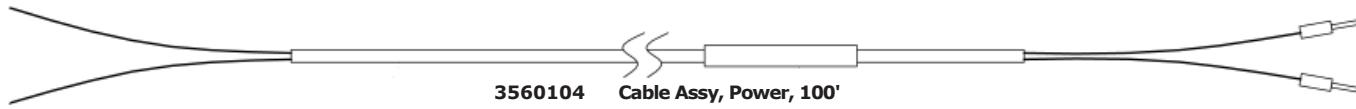


**SmartControl & FloSmart Meter Assembly, Xcalibur
360EX, Basement, Right Hand, Vacuum Shut Off, cont'd**



SmartControl & FloSmart Meter Cables

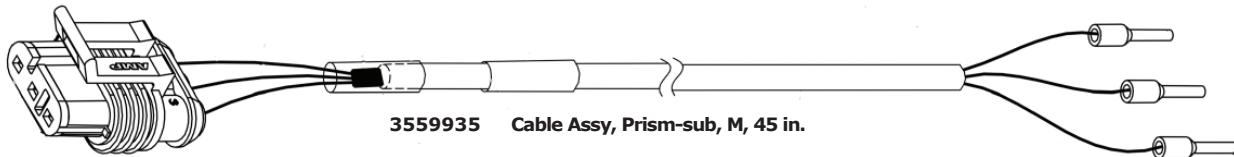
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|---------------------|-------------------|
| SECTION D | PAGE 89 |
| EFFECTIVE: | 1/27/21 |



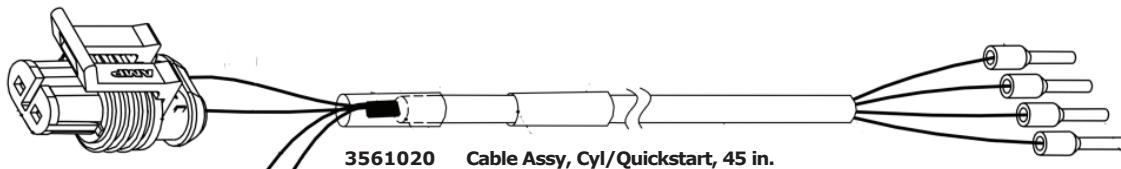
SmartControl & FloSmart Meter Cables



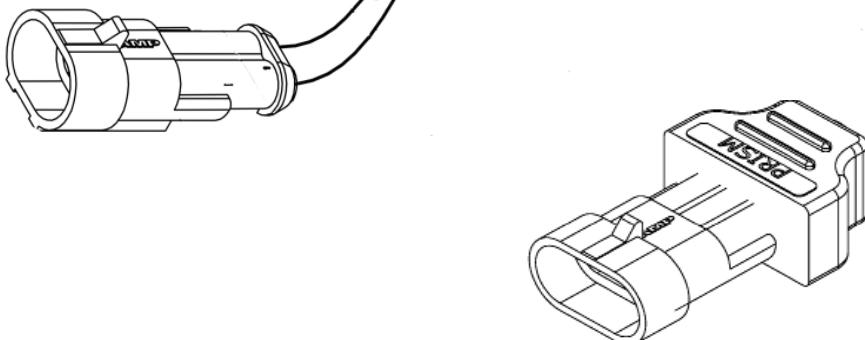
3559502 Cable Assy, One Stall, T-Point



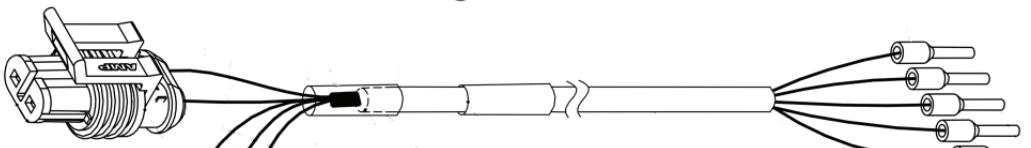
3559935 Cable Assy, Prism-sub, M, 45 in.



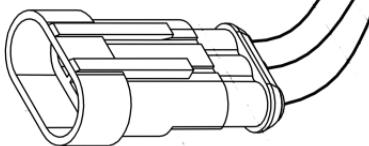
3561020 Cable Assy, Cyl/Quickstart, 45 in.



3559933
Term. Assy, PRISM-Term,F



3561021 Cable Assy, LED & SW, M/F, 45 in.

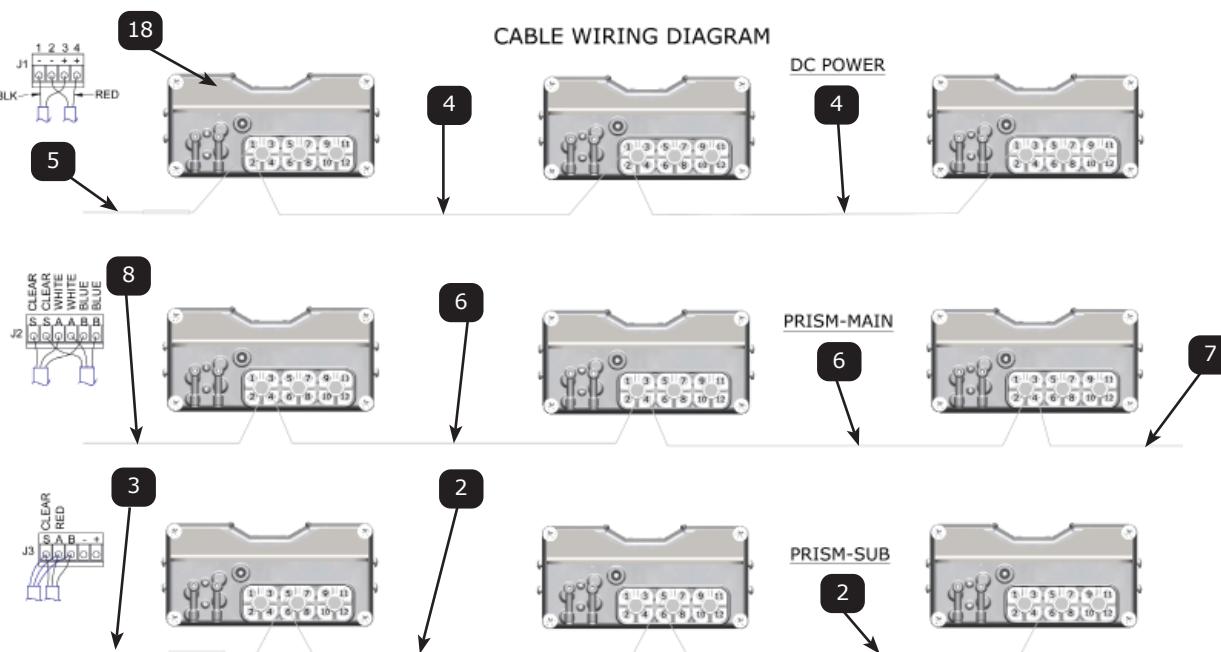


3563257 Cable, FloSmart

SmartControl & FloSmart Meter Assembly, 3 & 4 Stall Bank for TouchPoint, Right & Left Hand, Air Shutoff

| | |
|--------------|------------|
| SECTION D | PAGE 91 |
| EFFECTIVE: | 1/27/21 |

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | | | |
|------|----------------------|-----------------------------|-------------------------------------|-----------------------------------|------|------|------|------|------|------|------|
| | 3560341 | | Meter Assy, 30, RH, Air, 3 Cow Bank | 0341 | | | | | | | |
| | 3560342 | | Meter Assy, 30, RH, Air, 4 Cow Bank | | 0342 | | | | | | |
| | 3559847 | | Meter Assy, 30, LH, Air, 3 Cow Bank | | | 9847 | | | | | |
| | 3559848 | | Meter Assy, 30, LH, Air, 4 Cow Bank | | | | 9848 | | | | |
| | 3560345 | ⊗ | Meter Assy, 44, RH, Air, 3 Cow Bank | | | | | 0345 | | | |
| | 3560346 | ⊗ | Meter Assy, 44, RH, Air, 4 Cow Bank | | | | | | 0346 | | |
| | 3559546 | ⊗ | Meter Assy, 44, LH, Air, 3 Cow Bank | | | | | | | 9546 | |
| | 3559547 | ⊗ | Meter Assy, 44, LH, Air, 4 Cow Bank | | | | | | | | 9547 |
| | 3563937 | | FLOS ASSY,30,RH,AIR,3 COW BNK | | 3937 | | | | | | |
| | 3563936 | | FLOS ASSY,30,RH,AIR,4 COW BNK | | | 3936 | | | | | |
| | 3563935 | | FLOS ASSY,30,LH,AIR 3 COW BNK | | | | 3635 | | | | |
| | 3563934 | | FLOS ASSY,30,LH,AIR 4 COW BNK | | | | | | 3934 | | |
| 1 | 3557453 | | Termination, Prism | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 3560101 | ⊗ | Cable Assy, Prism-Sub, 84" | | 2 | 3 | 2 | 3 | - | - | - |
| | 3561436 | ⊗ | Cable Assy, prism-Sub, 100" | | - | - | - | - | 2 | 3 | 2 |
| 3 | 3560100 | | Cable Assy, Prism-Sub, 100 ft | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 3560103 | ⊗ | Cable Assy, Power, 84" | | 2 | 3 | 2 | 3 | - | - | - |
| | 3560745 | | Cable Assy, Power, 100" | | - | - | - | - | 2 | 3 | 2 |
| 5 | 3560104 | | Cable Assy, Power, 100 ft | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 3560102 | ⊗ | Cable Assy, Comm, 84" | | 2 | 3 | 2 | 3 | - | - | - |
| | 3560744 | | Cable Assy, Prism-Main, 100" | | - | - | - | - | 2 | 3 | 2 |
| 7 | 3560900 | n/s | Cable Assy, Prism-Main, M, 32" | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 3560445 | | Cable Assy, Prism-Main, F, 60" | | 1 | 1 | 1 | 1 | - | - | - |
| | 3560901 | ⊗ | Cable Assy, Prism-Main, F, 88" | | - | - | - | - | 1 | 1 | 1 |
| 9 | 1916643 | n/s | Connector, Pin, Dual, 20ga. Ferrule | | 8 | 11 | 8 | 11 | 8 | 11 | 8 |
| 10 | 3556372 | | Hose Silicone, .25 x .09 W all | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 11 | 1916633 | n/s | Connector, Pin, Ferrule, 20 ga. | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | 3556483 | n/s | Elbow, .90, Nyl, 1/4 NPT x 1/4 Hose | | 6 | 8 | 6 | 8 | 6 | 8 | 6 |
| 13 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500 ft. | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 14 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | | 6 | 8 | 6 | 8 | 6 | 8 | 6 |
| 15 | 3559777 | | Cable Assy, Pulsator, 72" | | 3 | 4 | 3 | 4 | 3 | 4 | 3 |
| 16 | 3559782 | | Connector Assy, Cap, M, 3-Pin | | 3 | 4 | 3 | 4 | 3 | 4 | 3 |
| 17 | 3559545 ¹ | | Shut Off Assy, w/Nipple, Air | | - | - | - | - | - | - | - |

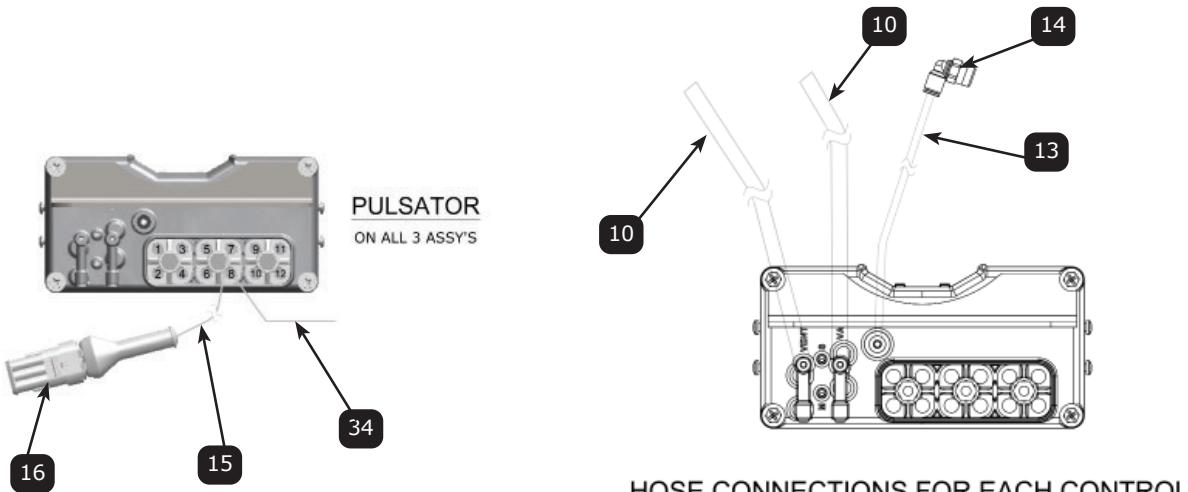


SmartControl & FloSmart Meter Assembly, 3 & 4 Stall Bank for TouchPoint, Right & Left Hand, Air Shutoff

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | | | |
|------|----------------------|-----------------------------|--|-----------------------------------|------|------|------|-----|-----|-----|-----|
| | 3560341 | | Meter Assy, 30, RH, Air, 3 Cow Bank | 0341 | | | | | | | |
| | 3560342 | | Meter Assy, 30, RH, Air, 4 Cow Bank | 0342 | | | | | | | |
| | 3559847 | | Meter Assy, 30, LH, Air, 3 Cow Bank | | 9847 | | | | | | |
| | 3559848 | | Meter Assy, 30, LH, Air, 4 Cow Bank | | 9848 | | | | | | |
| | 3560345 | ⊗ | Meter Assy, 44, RH, Air, 3 Cow Bank | | | 0345 | | | | | |
| | 3560346 | ⊗ | Meter Assy, 44, RH, Air, 4 Cow Bank | | | 0346 | | | | | |
| | 3559546 | ⊗ | Meter Assy, 44, LH, Air, 3 Cow Bank | | | | 9546 | | | | |
| | 3559547 | ⊗ | Meter Assy, 44, LH, Air, 4 Cow Bank | | | | 9547 | | | | |
| | 3563937 | | FLOS ASSY,30,RH,AIR,3 COW BNK | 3937 | | | | | | | |
| | 3563936 | | FLOS ASSY,30,RH,AIR,4 COW BNK | 3936 | | | | | | | |
| | 3563935 | | FLOS ASSY,30,LH,AIR 3 COW BNK | | 3635 | | | | | | |
| | 3563934 | | FLOS ASSY,30,LH,AIR 4 COW BNK | | 3934 | | | | | | |
| 18 | 3560108 ² | | Meter Assy, RH, Air | - | - | - | - | - | - | - | - |
| | 3560107 ² | | Meter Assy, LH, Air | - | - | - | - | - | - | - | - |
| | 3563640 ³ | | FLOSMART METER ASSEMBLY,LH,AIR | - | - | - | - | | | | |
| | 3563641 ³ | | FLOSMART METER ASSEMBLY,RH,AIR | - | - | - | - | | | | |
| 19 | 3560736 | | Nut, Insert, SS, 1/4-20 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 20 | ----- | | Bolt, CRG, SS, 1/4-20 x 5/8 | 33 | 44 | 33 | 44 | 33 | 44 | 33 | 44 |
| 21 | ----- | | Nut, Lock, Elas, SS, 8-32 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 22 | 1979220 | | Clamp, Cable, 1" ID x 1/2 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 23 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 33 | 44 | 33 | 44 | 33 | 44 | 33 | 44 |
| 24 | ----- | | MSCR, PNH, SS, 1/4-20 x 1/2 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 25 | ----- | | MSCR, PNH, SS, 10-24 x 5/8 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 |
| 26 | ----- | | Nut, Lock, Elas, SS, 10-24 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 |
| 27 | 3561449 | | Tube, Frmd, SS, .88 x 4.50 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 28 | 8516039 | | Hose, Milk, Silicone, 3/4 ID x 100 ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 29 | 4021781 | | Grommet, 0.161 ID x .25 Mtg x 0.50 OD | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 30 | 3560105 | | Enclosure Assy, Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page for part breakdown) | - | - | - | - | - | - | - | - |
| 31 | 3559756 | | Pipe, PVC, 1.50 x 25.5, Split | 3 | 4 | 3 | 4 | - | - | - | - |
| | 3559757 | ⊗ | Pipe, PVC, 1.50 x 39.5, Split | - | - | - | - | 3 | 4 | 3 | 4 |
| 32 | 8507089 | | Conn, Push, Plug, 5/32 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 33 | 3560493 | | Plug, Dome, PG7 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 34 | 3560492 | | Cable Assy, One Stall, T-Pnt, 61" | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 35 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 36 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |

Note:

1. Refer to Shutoff Assembly with Nipple, Vacuum page for part breakdown.
2. Refer to SmartControl Meter Assembly, Right & Left, Air Shutoff page for parts breakdown.
3. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.

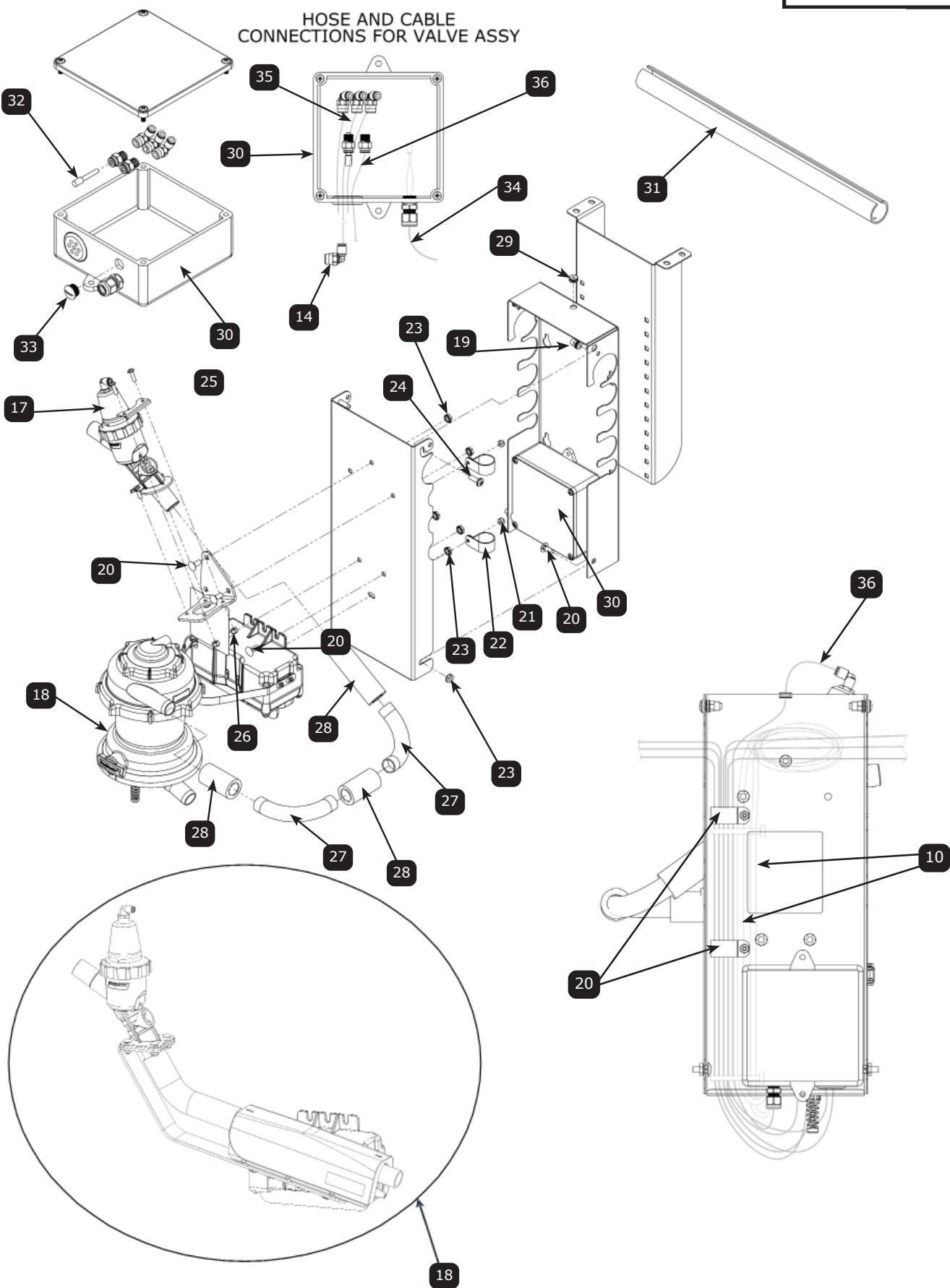


HOSE CONNECTIONS FOR EACH CONTROL

SmartControl & FloSmart Meter Assembly, 3 & 4 Stall Bank for TouchPoint, Right & Left Hand, Air Shutoff

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**SmartControl & FloSmart Meter Assembly, 3 & 4 Stall
Bank for TouchPoint, Right & Left Hand, Vacuum Shutoff**

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | | | |
|------|----------------------|-----------------------------|---------------------------------------|-----------------------------------|------|------|------|------|------|------|------|
| | 3559548 | ⊗ | Meter Assy, 44, LH, Vac, 3 Cow Bank | 9548 | | | | | | | |
| | 3559549 | ⊗ | Meter Assy, 44, LH, Vac, 4 Cow Bank | | 9549 | | | | | | |
| | 3559849 | | Meter Assy, 30, LH, Vac, 3 Cow Bank | | | 9849 | | | | | |
| | 3559850 | | Meter Assy, 30, LH, Vac, 4 Cow Bank | | | | 9850 | | | | |
| | 3560343 | | Meter Assy, 30, RH, Vac, 3 Cow Bank | | | | | 0343 | | | |
| | 3560344 | | Meter Assy, 30, RH, Vac, 4 Cow Bank | | | | | | 0344 | | |
| | 3560347 | ⊗ | Meter Assy, 44, RH, Vac, 3 Cow Bank | | | | | | | 0347 | |
| | 3560348 | ⊗ | Meter Assy, 44, RH, Vac, 4 Cow Bank | | | | | | | | 0348 |
| | 3563933 | | FLOS ASSY,30,LH,VAC,3 COW BNK | | 3933 | | | | | | |
| | 3563932 | | FLOS ASSY,30,LH,VAC,4 COW BNK | | | 3932 | | | | | |
| | 3563931 | | FLOS ASSY,30,RH,VAC,3 COW BNK | | | | 3931 | | | | |
| | 3563930 | | FLOS ASSY,30,RH,VAC,4 COW BNK | | | | | 3930 | | | |
| 1 | 3557453 | | Termination, Prism | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 3561436 | ⊗ | Cable Assy, Prsm-Sub, 100" | 2 | 3 | - | - | - | - | 2 | 3 |
| | 3560101 | ⊗ | Cable Assy, Prism-Sub, 84" | - | - | 2 | 3 | 2 | 3 | - | - |
| 3 | 3560100 | | Cable Assy, Prism-Sub, 100 ft | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 3560745 | | Cable Assy, Power, 100" | 2 | 3 | - | - | - | - | 2 | 3 |
| | 3560103 | ⊗ | Cable Assy, Power, 84" | - | - | 2 | 3 | 2 | 3 | - | - |
| 5 | 3560104 | | Cable Assy, Power, 100 ft | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 6 | 3560744 | | Cable Assy, Prism-Main, 100" | 2 | 3 | - | - | - | - | 2 | 3 |
| | 3560102 | ⊗ | Cable Assy, Comm, 84" | - | - | 2 | 3 | 2 | 3 | - | - |
| 7 | 3560900 | | Cable Assy, Prism-Main, M, 32" | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 3560901 | ⊗ | Cable Assy, Prism-Main, F, 88" | 1 | 1 | - | - | - | - | 1 | 1 |
| | 3560445 | | Cable Assy, Prism-Main, F, 60" | - | - | 1 | 1 | 1 | 1 | - | - |
| 9 | 1916643 | n/s | Connector, Pin, Dual, 20 ga., Ferrule | 8 | 11 | 8 | 11 | 8 | 11 | 8 | 11 |
| 10 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 11 | 1916633 | n/s | Connector, Pin, Ferrule, 20 ga. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | 3556483 | n/s | Elbow, 90, Nyl, 1/4 NPT x 1/4 Hose | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 13 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 14 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 15 | 3559777 | n/s | Cable Assy, Pulsator, 72" | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 16 | 3559782 | | Connector Assy, Cap, M, 3-Pin | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 17 | 3559544 | | Shutoff Assy, w/Nipple, Vac | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 18 | 3559862 ¹ | | Meter Assy, LH, Vac | - | - | - | - | - | - | - | - |
| | 3559861 ¹ | | Meter Assy, RH, Vac | - | - | - | - | - | - | - | - |
| | 3563643 ² | | FLOSMART METER ASSEMBLY,RH,VAC | - | - | - | - | - | - | - | - |
| | 3563642 ² | | FLOSMART METER ASSEMBLY,LH,VAC | - | - | - | - | - | - | - | - |
| 19 | 3560736 | | Nut, Insert, SS, 1/4-20 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 20 | ----- | | Bolt, CRG, SS, 1/4-20 x 5/8 | 33 | 44 | 33 | 44 | 33 | 44 | 33 | 44 |
| 21 | ----- | | Nut, Lock, Elas, SS, 8-32 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 22 | 1979220 | | Clamp, Cable, 1" ID x 1/2 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 23 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 33 | 44 | 33 | 44 | 33 | 44 | 33 | 44 |
| 24 | ----- | | MSCR, PNH, SS, 1/4-20 x 1/2 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 25 | ----- | | MSCR, PNH, SS, 10-24 x 5/8 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 |
| 26 | ----- | | Nut, Lock, Elas, SS, 10-24 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 |
| 27 | 3561449 | | Tube, Frmd, SS, .88 x 4.50 | 6 | 8 | 6 | 8 | 6 | 8 | 6 | 8 |
| 28 | 8516039 | | Hose, Milk, Silicone, 3/4 ID x 100 ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 29 | 4021781 | | Grommet, 0.16 ID x 0.25 Mtg x 0.50 OD | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 30 | 3559757 | ⊗ | Pipe, PVC, 1.50 x 39.5, Split | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 31 | 3556371 | | Hose, Silicone, .125 x .06 Wall | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 32 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 33 | 3559752 | | Bracket, Meter, Front | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 34 | 3559753 | | Bracket, Meter, Back | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 35 | 3559755 | | Bracket, Mtg, Milk Meter | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| 36 | 3559754 | | Bracket, Mtg, Sensor, w/Nipple | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |

Notes:

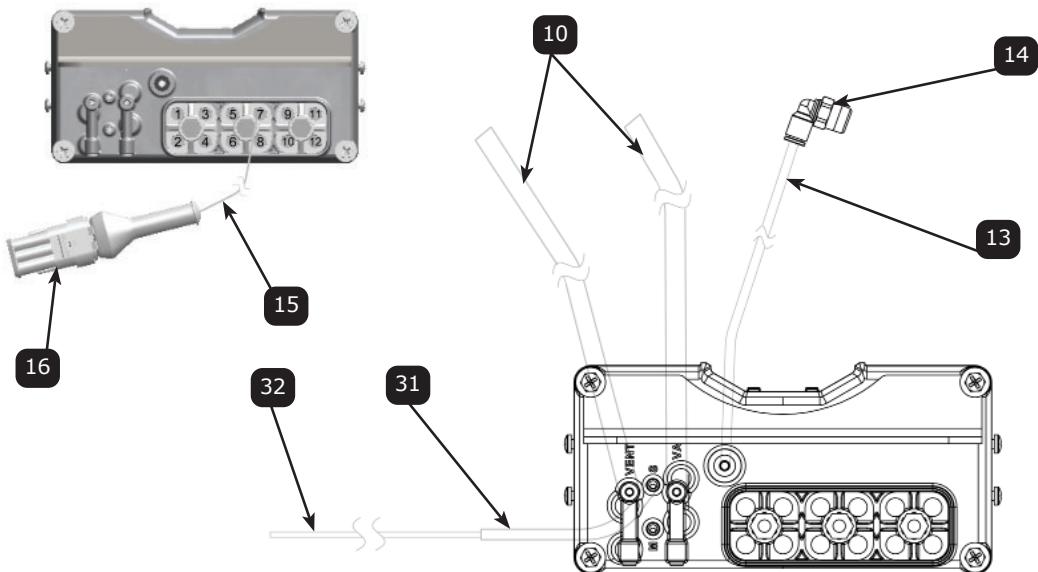
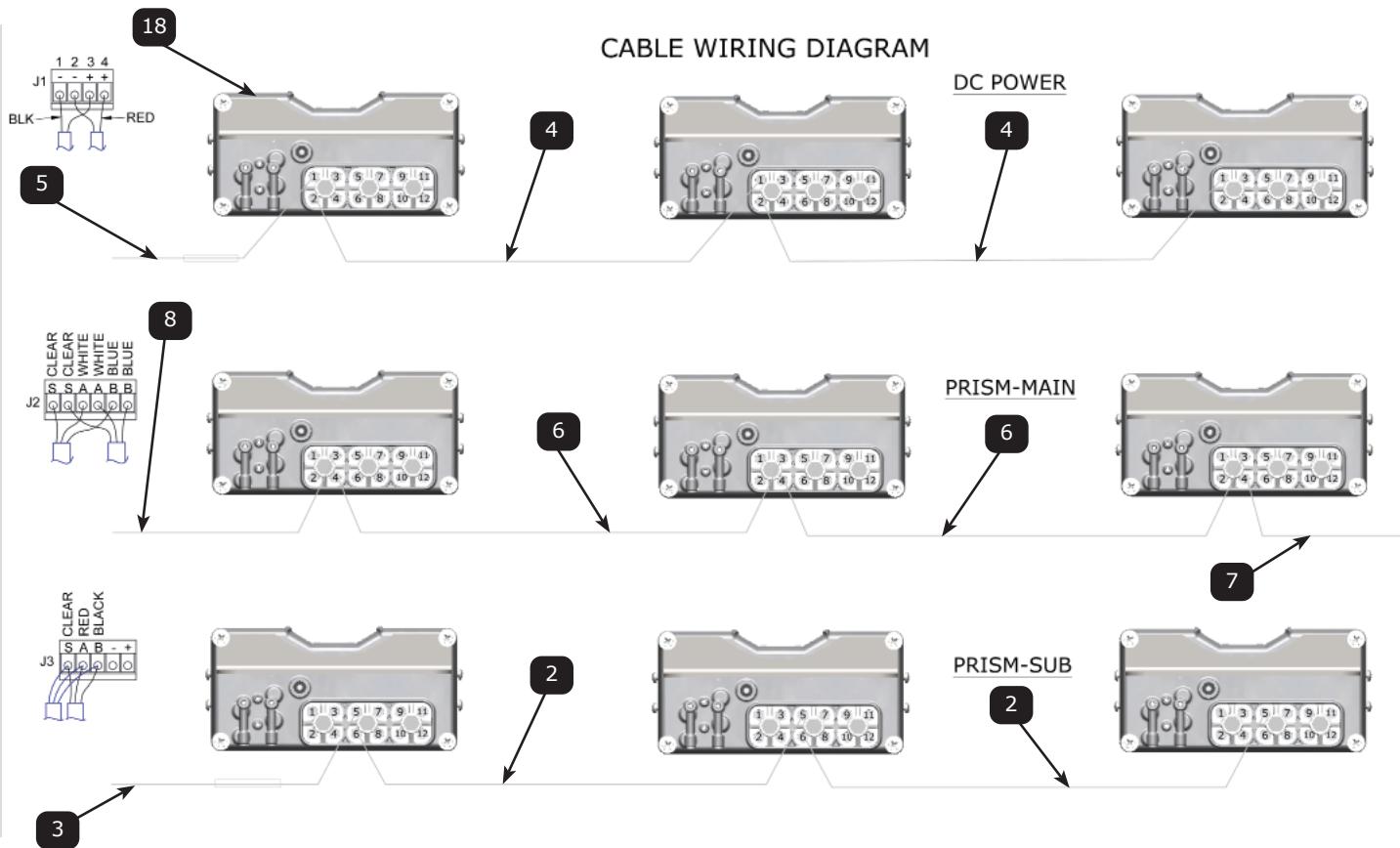
1. Refer to SmartControl Meter Assembly, Right & Left, Vac Shutoff page for parts breakdown.

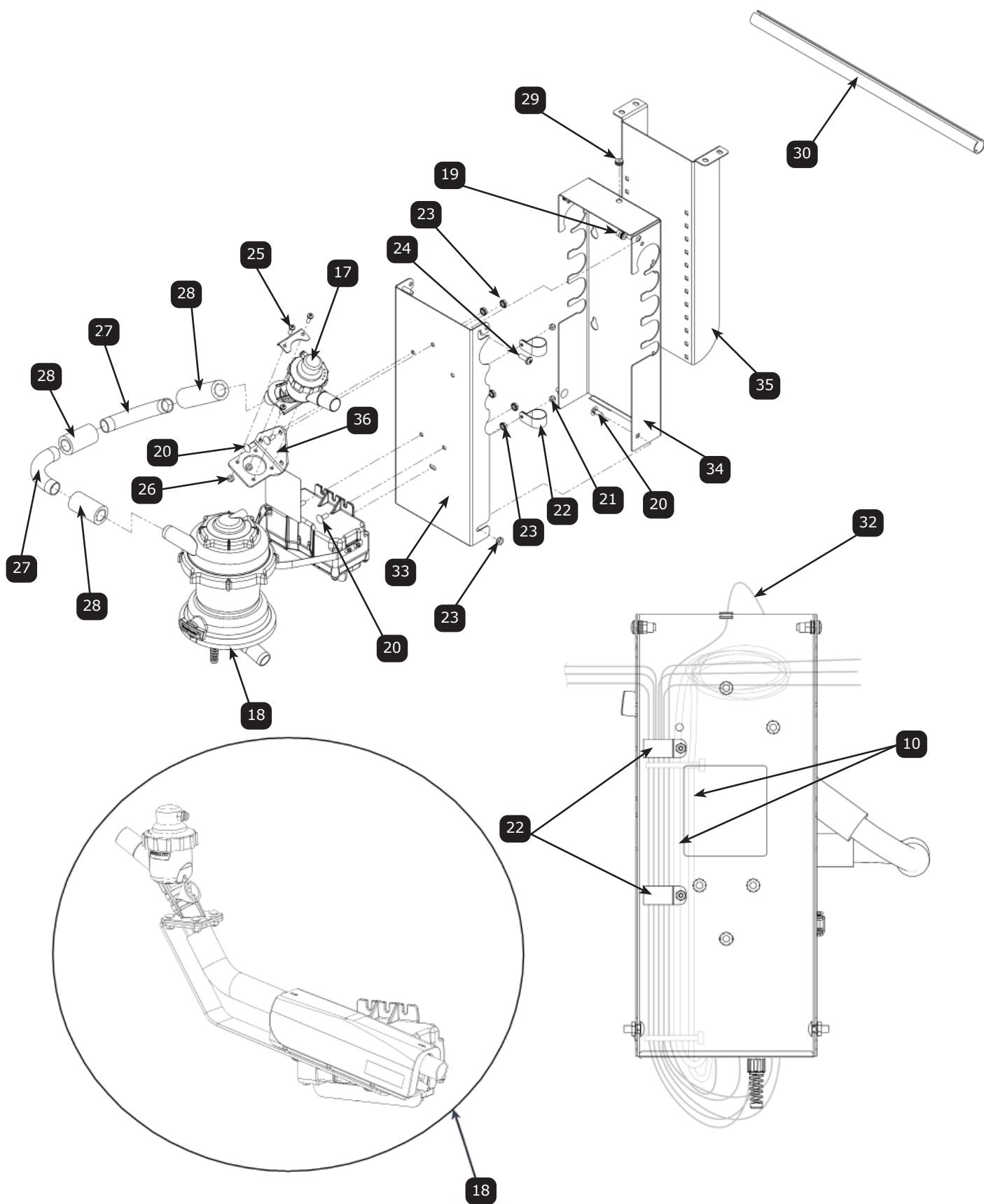
2. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.

SmartControl & FloSmart Meter Assembly, 3 & 4 Stall Bank for TouchPoint, Right & Left Hand, Vacuum Shutoff

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CABLE WIRING DIAGRAM

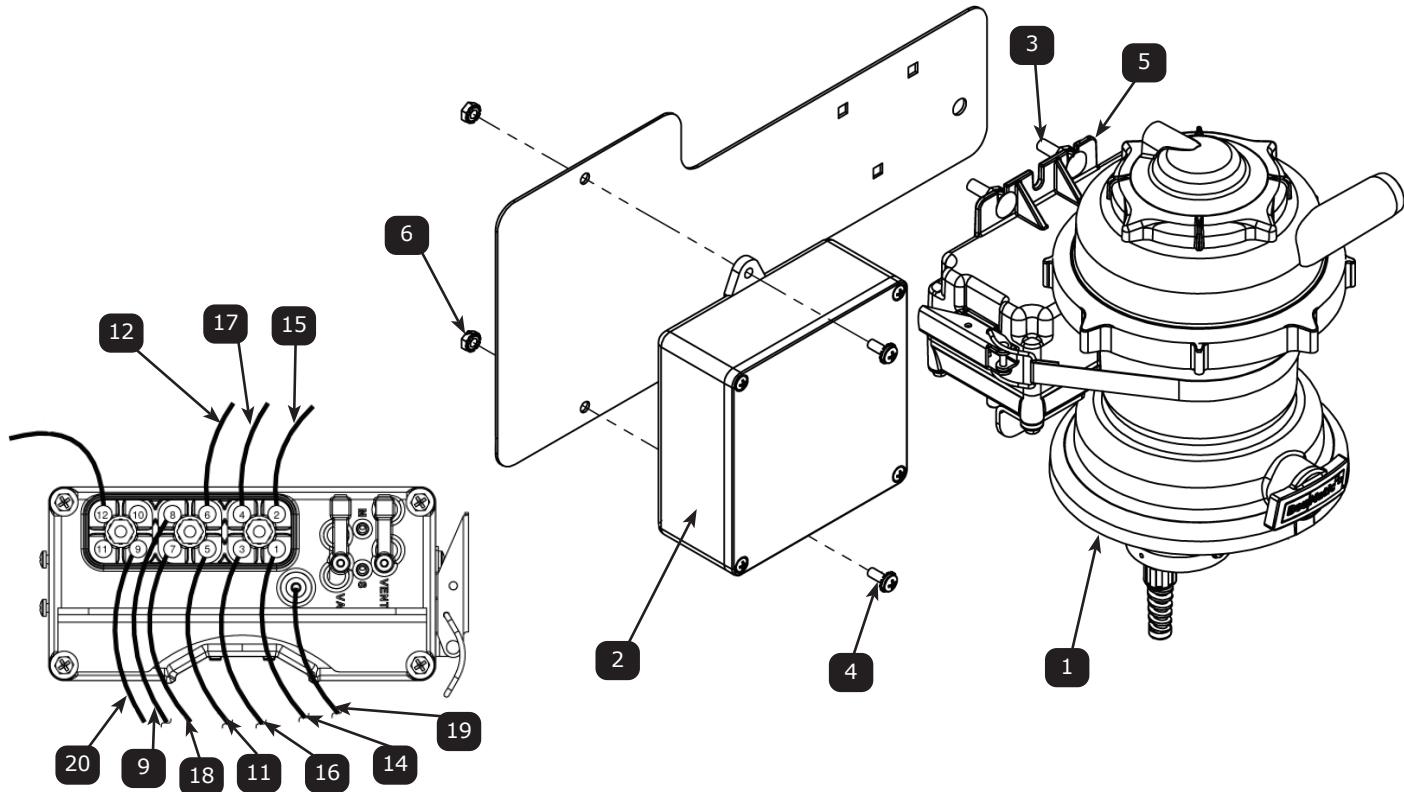


**SmartControl & FloSmart Meter Assembly, 3 & 4 Stall
Bank for TouchPoint, Right & Left Hand, Vacuum Shutoff**

**SmartControl Meter Assembly, Xcalibur
Streamline 360EX for TouchPoint,
Non-Basement, Right Hand, Air Shutoff**

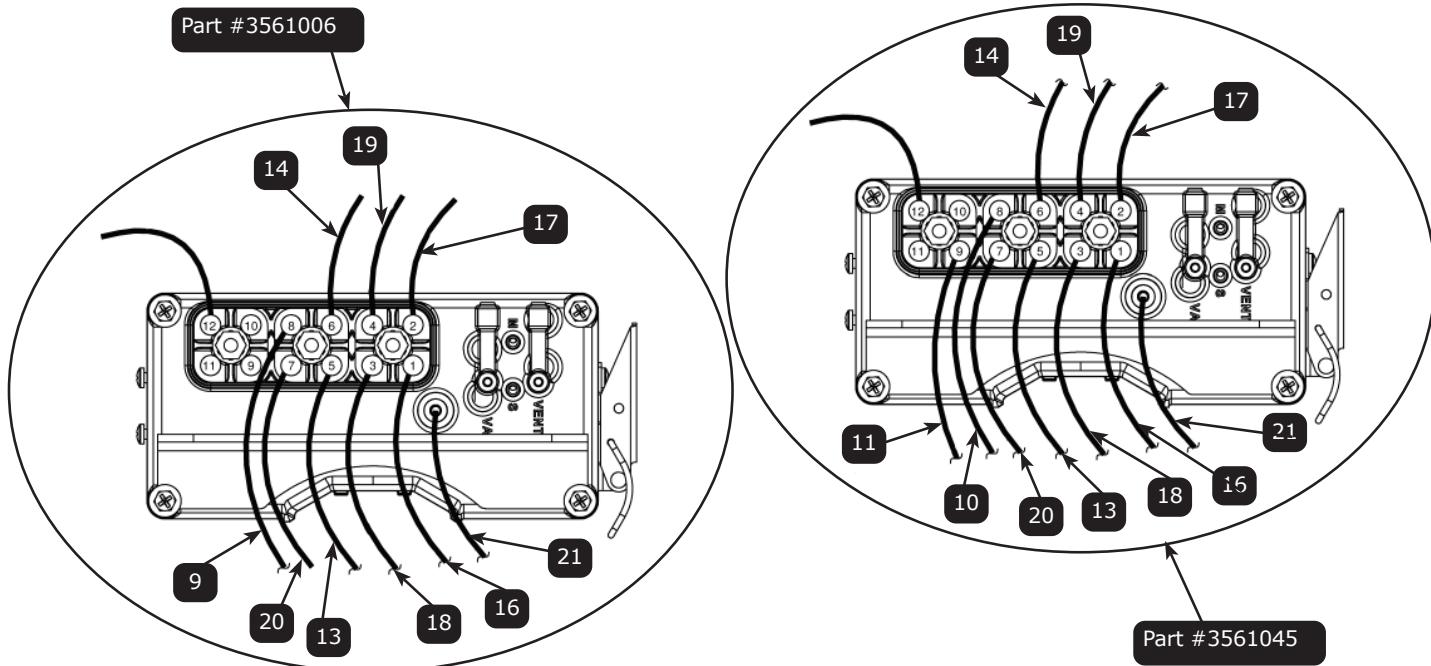
| | |
|-----------------------|-------------------|
| SECTION D | PAGE 97 |
| EFFECTIVE: 1/27/21 | |

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|-----------------------------|---|-----------------------------------|
| | 3561437 | | Meter Assy, RH, Air, Strln, T-Pnt | 1437 |
| | 3561438 | ⊗ | Meter Assy, RH, Air, Strln, T-Pnt, Plstc, XP, Vac | 1438 |
| 1 | 3560108 | | Meter Assy, RH, Air (Refer to Meter Assembly, Right & Left Hand, Air Shutoff page for part breakdown) | - - |
| 2 | 3560956 | | Enclosure Assy, 2 Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown) | - - |
| | 3560105 | | Enclosure Assy, Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown) | - - |
| 3 | ----- | | Bolt, CRG, SS, 1/4-20 x 1 | 3 3 |
| 4 | ----- | | MSCR, PNH, SS, Sems, 10-32 x 1/2 | 2 2 |
| 5 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 6 6 |
| 6 | ----- | | Nut, Hex, Keps, SS, 10-32 | 2 2 |
| 7 | 8507089 | n/s | Conn, Push, Plug, 5/32 | 1 1 |
| 8 | 3560493 | n/s | Plug, Dome, PG7 | 1 1 |
| 9 | 3560954 | | Cable Assy, Sol. Valves, 360EX | 1 - |
| | 3559502 | | Cable Assy, One Stall, T-Point | - 1 |
| 10 | 3556251 | n/s | Hose, Nyl, Nat, 5/32 OD x 500ft | a/r a/r |
| 11 | 3561007 | | Cable Assy, DC Power, M, 15in. | 1 1 |
| 12 | 3561008 | | Cable Assy, Prism-Sub, M, 15in. | 1 1 |
| 13 | 3556248 | n/s | Hose, Nyl, Blk, 5/32 OD x 500ft | a/r a/r |
| 14 | 3559928 | | Cable Assy, DC Power, F, 45in. | 1 1 |
| 15 | 3559929 | | Cable Assy, DC Power, M, 45in. | 1 1 |
| 16 | 3559932 | | Cable Assy, Prism-Main, F, 45in. | 1 1 |
| 17 | 3559931 | | Cable Assy, Prism-Main, M, 45in. | 1 1 |
| 18 | 3559777 | | Cable Assy, Pulsator, 72in. | 1 1 |
| 19 | 322641YW | ⊗ n/s | Hose, Nyl, Yel, 5/32 OD x 500ft | a/r a/r |
| 20 | 3560992 | | Cable Assy, LED & SW, M/F, 10ft | 1 - |
| 21 | 3561033 | n/s | Cable Assy, LED & SW, M/F, 213in. | - 1 |



SmartControl Meter Assembly, Xpedia 360EX for TouchPoint, Non-Basement, Right Hand, Air Shutoff

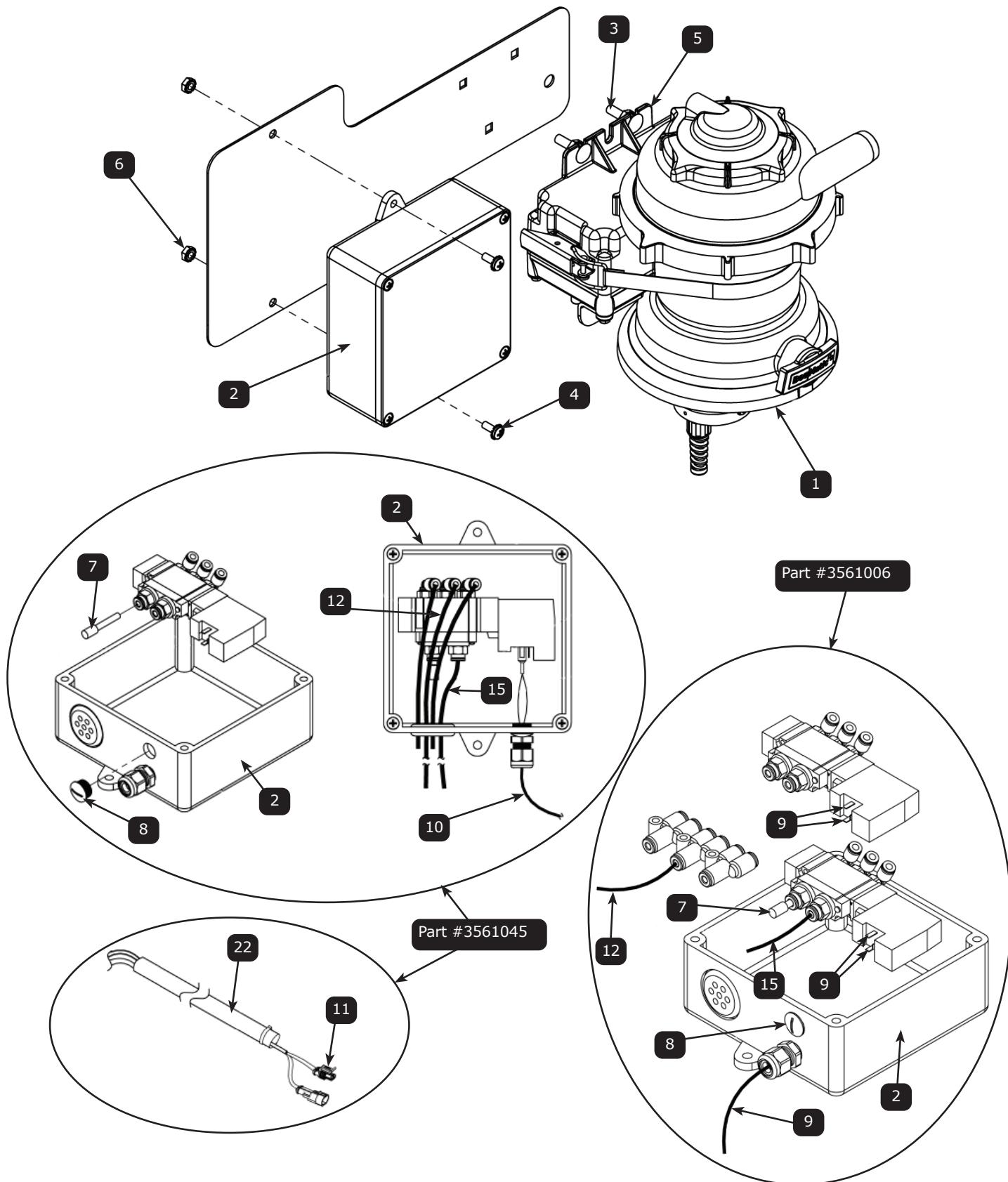
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------------|-----------------------------|--|-----------------------------------|-----|
| | 3561006 | | Meter Assy, RH, Air, 360EX, T-Pnt | 1006 | |
| | 3561045 | ⊗ | Meter Assy, RH, Air, 360EX, T-Pnt, Plstc, Xp, Vac | 1045 | |
| 1 | 3560108 | | Meter Assy, RH, Air (Refer to Meter Assembly, Right & Left Hand, Air Shutoff page for part break- down) | - | - |
| 2 | 3560956 | | Enclosure Assy, 2 Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown) | - | - |
| | 3560105 | | Enclosure Assy, Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown) | - | - |
| 3 | ----- | | Bolt, CRG, SS, 1/4-20 x 1 | 3 | 3 |
| 4 | ----- | | MSCR, PNH, SS, Sems, 10-32 x 1/2 | 2 | 2 |
| 5 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 6 | 6 |
| 6 | ----- | | Nut, Hex, Keps, SS, 10-32 | 2 | 2 |
| 7 | 8507089 | | Conn, Push, Plug, 5/32 | 1 | 1 |
| 8 | 3560493 | | Plug, Dome, PG7 | 1 | 1 |
| 9 | 3560954 | | Cable Assy, Sol Valves, 360EX | 1 | - |
| 10 | 3559502 | | Cable Assy, One Stall, T-Point | - | 1 |
| 11 | 3561039 | ⊗ | Cable Assy, Cyl/Q-Strt, M/F, 2/3in. | - | 1 |
| 12 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500ft | a/r | a/r |
| 13 | 3561007 | | Cable Assy, DC Power, M, 15in. | 1 | 1 |
| 14 | 3561008 | | Cable Assy, Prism-Sub, M, 15in. | 1 | 1 |
| 15 | 3556248 | | Hose, Nyl, Blk, 5/32 OD x 500ft | a/r | a/r |
| 16 | 3559928 | | Cable Assy, DC Power, F, 45in. | 1 | 1 |
| 17 | 3559929 | | Cable Assy, DC Power, M, 45in. | 1 | 1 |
| 18 | 3559932 | | Cable Assy, Prism-Main, F, 45in. | 1 | 1 |
| 19 | 3559931 | | Cable Assy, Prism-Main, M, 45in. | 1 | 1 |
| 20 | 3559777 | | Cable Assy, Pulsator, 72in. | 1 | 1 |
| 21 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500ft | a/r | a/r |
| 22 | 3558497 | | Tubing, Split, 3/4 ID | - | a/r |



**SmartControl Meter Assembly, Xpedia 360EX for
TouchPoint, Non-Basement, Right Hand, Air Shutoff**

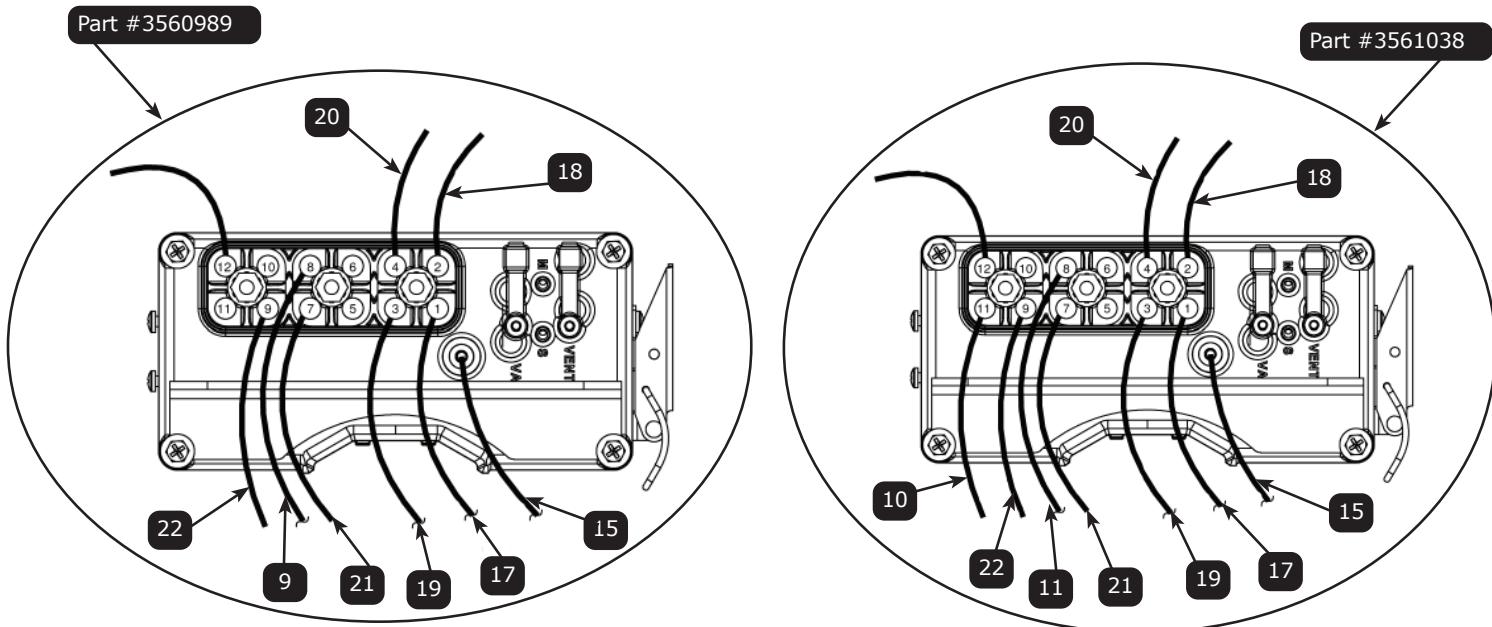
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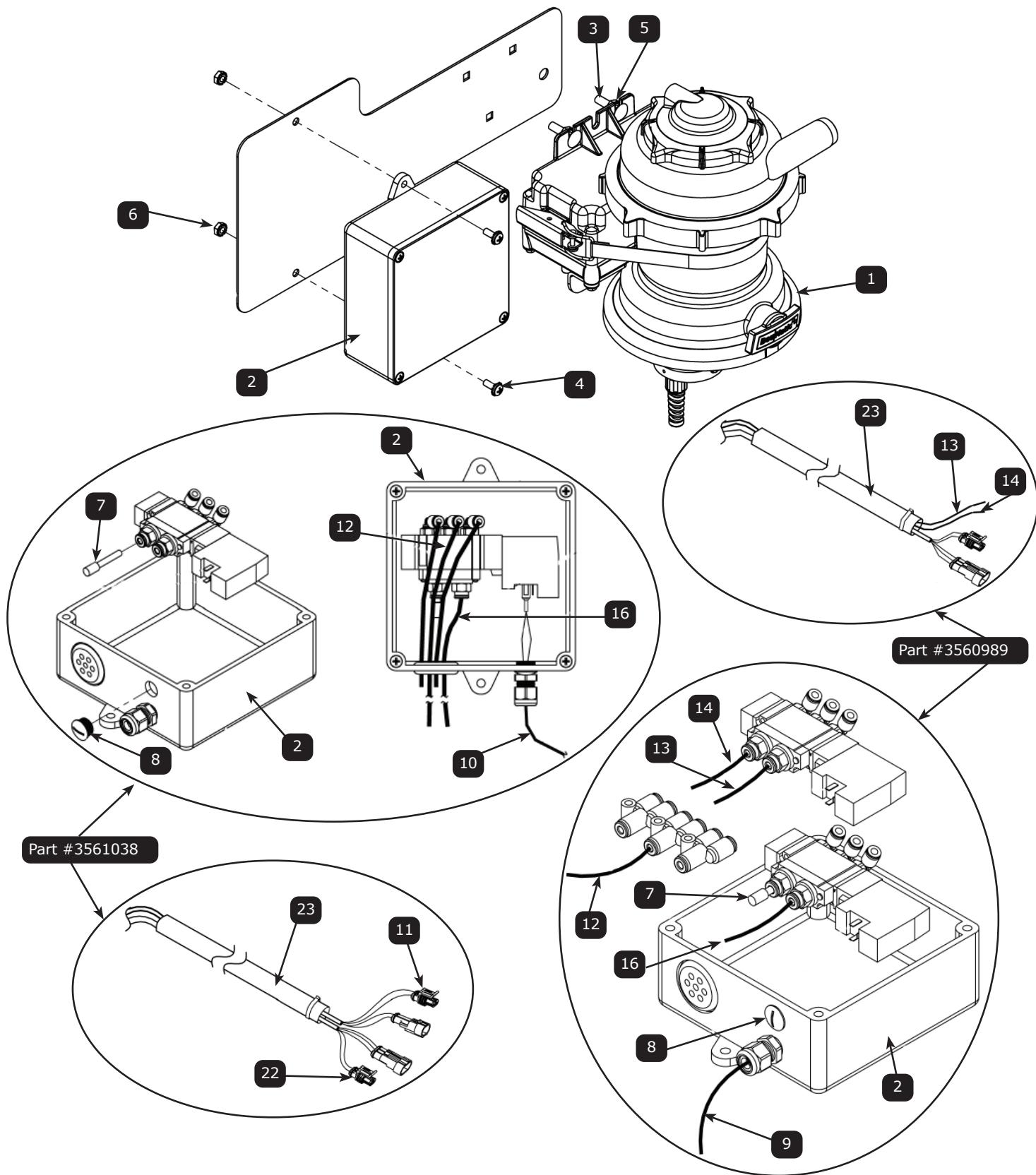
**SmartControl Meter Assembly, Xcalibur
Streamline 360EX & Xpedia 360EX for ViewPoint,
Non-Basement, Right Hand, Air Shutoff**

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|-----------------------------|---|-----------------------------------|
| | 3560989 | | Meter Assy, RH, Air, 360EX, V-Pnt | 0989 |
| | 3561038 | ⊗ | Meter Assy, RH, Air, 360EX, V-Pnt, Plstc, XP, Vac | 1038 |
| 1 | 3560108 | | Meter Assy, RH, Air (Refer to Meter Assembly, Right & Left Hand, Air Shutoff page D-72 for part breakdown) | - - - |
| 2 | 3560956 | | Enclosure Assy, 2 Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown) | - - - |
| | 3560105 | | Enclosure Assy, Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown) | - - - |
| 3 | ----- | | Bolt, CRG, SS, 1/4-20 x 1 | 3 3 |
| 4 | ----- | | MSCR, PNH, SS, Sems, 10-32 x 1/2 | 2 2 |
| 5 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 6 6 |
| 6 | ----- | | Nut, Hex, Keps, SS, 10-32 | 2 2 |
| 7 | 8507089 | | Conn, Push, Plug, 5/32 | 1 1 |
| 8 | 3560493 | | Plug, Dome, PG7 | 1 1 |
| 9 | 3560954 | | Cable Assy, Sol Valves, 360EX | 1 - |
| 10 | 3559502 | | Cable Assy, One Stall, T-Point | - 1 |
| 11 | 3561039 | ⊗ | Cable Assy, Cyl/Q-Strt, M/F, 213in. | - 1 |
| 12 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500ft | a/r a/r |
| 13 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500ft | a/r - |
| 14 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500ft | a/r - |
| 15 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500ft | a/r a/r |
| 16 | 3556248 | | Hose, Nyl, Blk, 5/32 OD x 500ft | a/r a/r |
| 17 | 3559928 | | Cable Assy, DC Power, F, 45in. | 1 1 |
| 18 | 3559929 | | Cable Assy, DC Power, M, 45in. | 1 1 |
| 19 | 3559932 | | Cable Assy, Prism-Main, F, 45in. | 1 1 |
| 20 | 3559931 | | Cable Assy, Prism-Main, M, 45in. | 1 1 |
| 21 | 3559777 | | Cable Assy, Pulsator, 72in. | 1 1 |
| 22 | 3560992 | | Cable Assy, switches & LED, 10ft | 1 - |
| | 3561033 | | Cable Assy, LED & SW, M/F, 213in. | - 1 |
| 23 | 3558497 | | Tubing, Split, 3/4 ID | a/r a/r |



**SmartControl Meter Assembly, Xcalibur
Streamline 360EX & Xpedia360EX for ViewPoint,
Non-Basement, Right Hand, Air Shutoff**

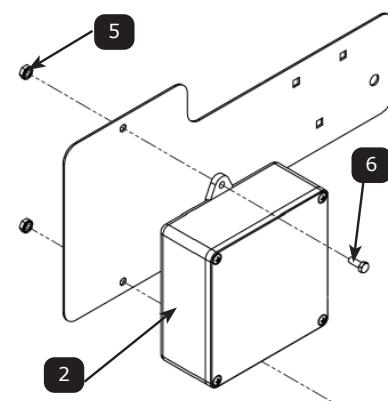
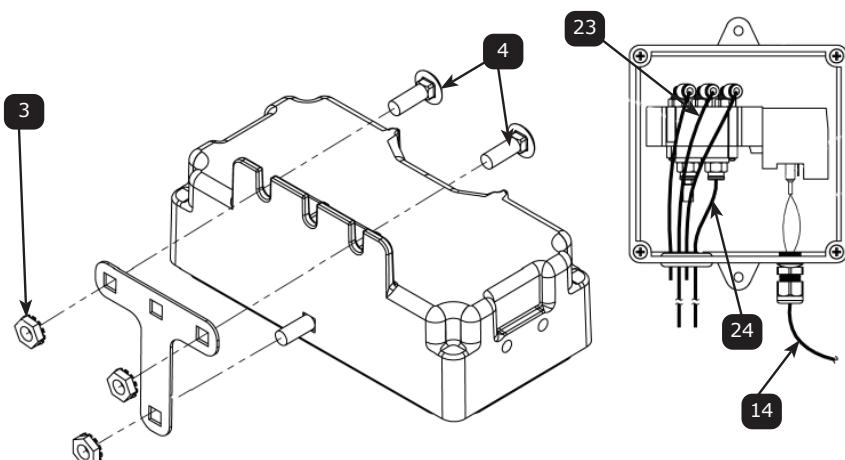
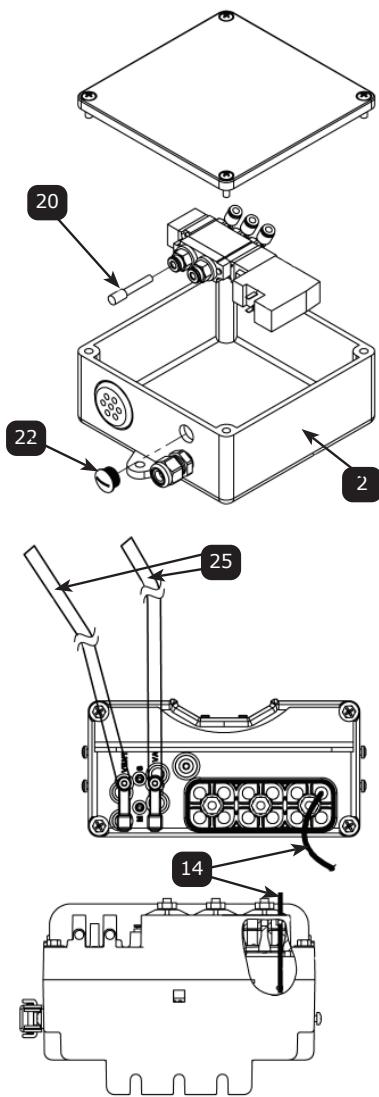
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SmartControl Meter Assembly, Xpedia 360IX, 3 & 4 Stall Groups for TouchPoint, Non-Basement, Right Hand, Air Shutoff

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------|-----------------------------|---|-----------------------------------|------|------|------|
| | 3561000 | | Meter Assy, TP, RH, Air, 4 Cow, 360IX | 1000 | | | |
| | 3561009 | | Meter Assy, TP, RH, Air, 3 Cow, 360IX | | 1009 | | |
| | 3561010 | | Meter Assy, VP, RH, Air, 4 Cow, 360IX | | | 1010 | |
| | 3561011 | | Meter Assy, VP, RH, Air, 3 Cow, 360IX | | | | 1011 |
| 1 | 3560108 | | Meter Assy, RH, Air (Refer to Meter Assembly, Right & Left Hand, Air Shutoff page D-72 for part breakdown) | - | - | - | - |
| 2 | 3560105 | | Enclosure Assy, Valve, Air (Refer to Valve Assembly, 1 & 2 Valve, Air page D-47 for part breakdown) | - | - | - | - |
| 3 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 24 | 18 | 24 | 18 |
| 4 | ----- | | Bolt, CRG, SS, 1/4-20 x 1 | 12 | 9 | 12 | 9 |
| 5 | ----- | | Nut, Hex, Keps, SS, 10-32 | 8 | 6 | 8 | 6 |
| 6 | ----- | | MSCR, PNH, SS, Sems, 10-32 x 1/2 | 8 | 6 | 8 | 6 |
| 7 | 3560978 | | Cable Assy, Power, 91in. | 2 | 2 | 2 | 2 |
| 8 | 3560104 | | Cable Assy, Power, 100ft | 1 | 1 | 1 | 1 |
| 9 | 3560976 | | Cable Assy, Communication, 91in. | 2 | 2 | 2 | 2 |
| 10 | 3560370 | | Cable Assy, Prism-Main, M, 16in. | 1 | 1 | 1 | 1 |
| 11 | 3560371 | | Cable Assy, Prism-Main, F, 74in. | 1 | 1 | 1 | 1 |
| 12 | 3560977 | ⊗ | Cable Assy, Power, 15ft | 1 | - | 1 | - |
| 13 | 3560975 | ⊗ | Cable Assy, Communication, 15ft | 1 | - | 1 | - |
| 14 | 3559502 | | Cable Assy, One Stall, T-Point | 4 | 3 | 4 | 3 |
| 15 | 3560743 | n/s | Conn, Push, Tee, 5/32 x 1/4 NPT | 2 | 2 | 4 | 4 |
| 16 | 3560705 | n/s | Conn, Tee, 1/4 NPT x (2) 1/4 Hose | 4 | 4 | 4 | 4 |
| 17 | 8583112 | n/s | Conn, Push, Tee, 5/16 | 4 | 4 | 4 | 4 |
| 18 | 3561001 | n/s | Conn, Push, RDCR, 4mm x 8mm Tube | 1 | 1 | 1 | 1 |
| 19 | 8507022 | n/s | Conn, SWL, Elb, 1/4 OD x 1/4 NPT | 8 | 6 | 8 | 6 |
| 20 | 8507089 | | Conn, Push, Plug, 5/32 | 4 | 3 | 4 | 3 |
| 21 | 1939528 | | Insulator, Sleeve, PVC, 5/8 | a/r | a/r | a/r | a/r |
| 22 | 3560493 | | Plug, Dome, PG7 | 4 | 3 | 4 | 3 |
| 23 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500ft | a/r | a/r | a/r | a/r |
| 24 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500ft | a/r | a/r | a/r | a/r |
| 25 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | a/r | a/r | a/r |
| 26 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500ft | a/r | a/r | a/r | a/r |
| 27 | 8519183 | ⊗ | Tube, Nylon, Nat, .25 OD x .035 W | a/r | a/r | a/r | a/r |
| | 3560897 | | Hose, Nylon, Natural, 1/4 OD, by foot | a/r | a/r | a/r | a/r |
| 28 | 8580437 | n/s | Tube, Nylon, Blu, .25 OD x .035 W | a/r | a/r | a/r | a/r |
| 29 | 3559935 | | Cable Assy, Prism-sub, M, 45in. | 4 | 3 | - | - |
| 30 | 3561020 | | Cable Assy, Cyl/Quickstart, 45in. | - | - | 4 | 3 |
| 31 | 3561021 | | Cable Assy, LED & SW, M/F, 45in. | - | - | 4 | 3 |

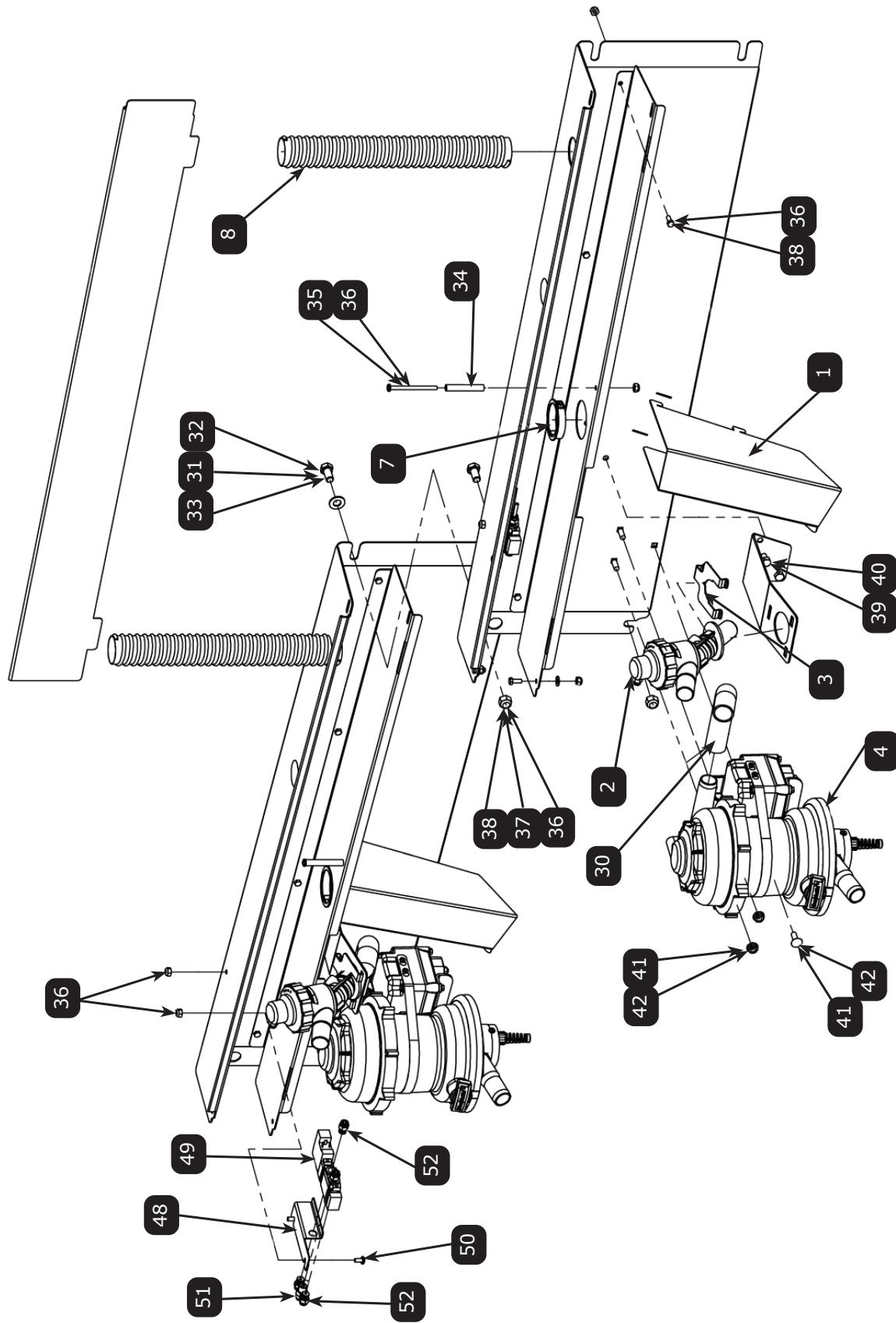
Note: Please see page D-93 for all cable assemblies listed above.



**SmartControl Meter Assembly, Xcalibur 360EX,
Non-Basement, Left Hand, Vacuum Shutoff**

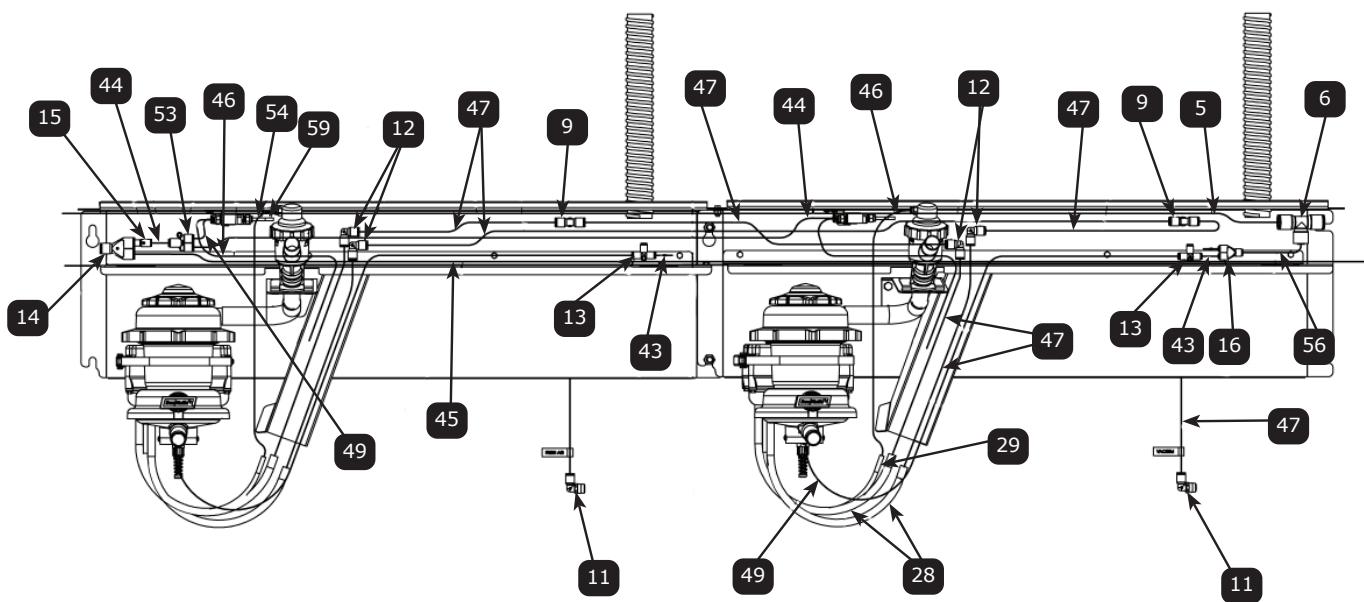
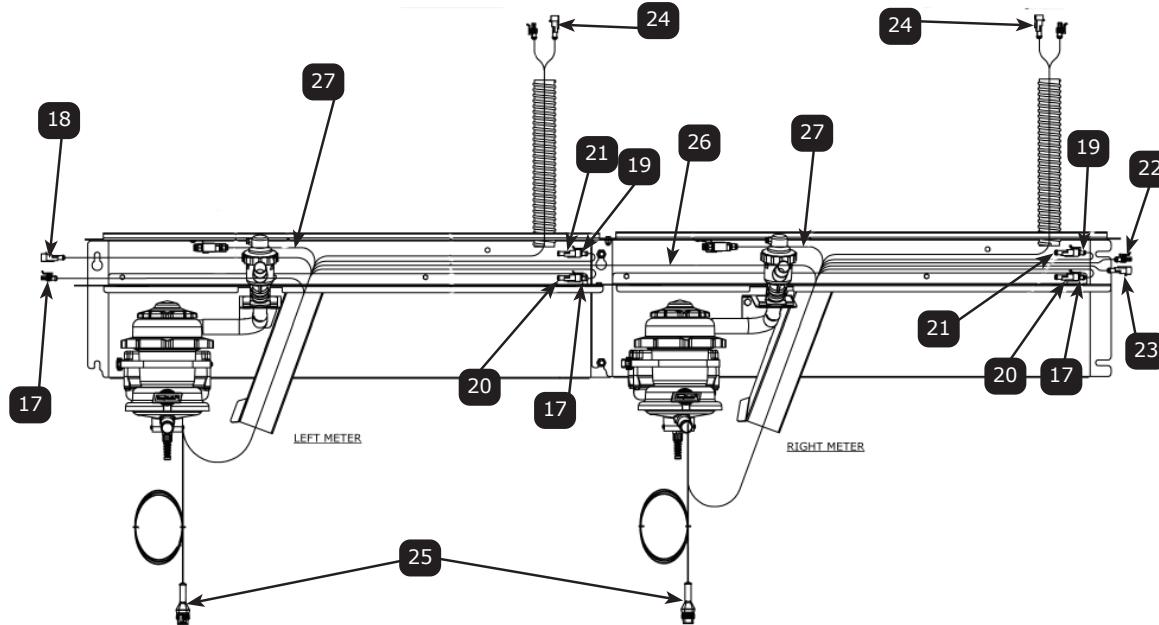
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| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------------|-----------------------------|--------------------------------------|-----------------------------------|-------------|-------------|-------------|
| | | | | 3261 | 3262 | 3263 | 3264 |
| | 8583261 | | SmartCont. Assy, Xcal360, N-B, 44 | 3261 | | | |
| | 8583262 | | SmartCont. Assy, Xcal360, N-B, 40 | | 3262 | | |
| | 8583263 | | SmartCont. Assy, Xcal360, N-B, 36 | | | 3263 | |
| | 8583264 | | SmartCont. Assy, Xcal360, N-B, 32 | | | | 3264 |
| 1 | 8583101 | ⊗ | Cover, Wipeway | 2 | 2 | 2 | 2 |
| 2 | 3559544 | ⊗ | Shutoff Assy, Whipple, Vac | - | - | - | - |
| | 3559545 | | Shutoff Assy, Whipple, Air | - | - | - | - |
| 3 | 8583132 | | Bracket, Shut-off, sensor | 2 | 2 | 2 | 2 |
| 4 | 3559862 | | Meter Assy, LH, Vac | - | - | - | - |
| 5 | 4017848 | | Hose, Poly, Sil, .38 ID x .062 W | a/r | a/r | a/r | a/r |
| 6 | 8580420 | | Conn, Push, Tee, 1/2 x 1/4 x 1/2 | 1 | 1 | 1 | 1 |
| 7 | 8583127 | ⊗ | Bushing, Nylon, 2.00 x 1.75 ID | 2 | 2 | 2 | 2 |
| 8 | 8583107 | n/s | Conduit, Flex, Liq-Tite, 1-1/4 | a/r | a/r | a/r | a/r |
| 9 | 8583112 | | Conn, Push, Tee, 5/16 | 2 | 2 | 2 | 2 |
| 10 | 8583113 | n/s | Conn, Push, Elbow, Plug-in, 5/16 | 2 | 2 | 2 | 2 |
| 11 | 8583114 | | Conn, Push, Elb, 5/16 x 1/4 NPT | 2 | 2 | 2 | 2 |
| 12 | 8583111 | | Conn, Push, Elbow, 5/16 | 4 | 4 | 4 | 4 |
| 13 | 8507090 | | Conn, Push, Tee, 5/32 | 2 | 2 | 2 | 2 |
| 14 | 8583108 | | Conn, Push, Union Y, 3/8 | 1 | 1 | 1 | 1 |
| 15 | 8583109 | | Conn, Push, RDCR, 1/4 x 3/8 Tube | 1 | 1 | 1 | 1 |
| 16 | 8583110 | ⊗ | Conn, Push, Union Y, 1/4 x 5/32 (2) | 1 | 1 | 1 | 1 |
| 17 | 3559929 | | Cable Assy, DC Power, M, 45in. | 3 | 3 | 3 | 3 |
| 18 | 3559932 | | Cable Assy, Prism-Main, F, 45in. | 1 | 1 | 1 | 1 |
| 19 | 3559935 | | Cable Assy, Prism-Sub, M, 45in. | 2 | 2 | 2 | 2 |
| 20 | 3559780 | | Connector Assy, Cap, M, 2-Pin | 2 | 2 | 2 | 2 |
| 21 | 3559782 | | Connector Assy, Cap, M, 3-Pin | 2 | 2 | 2 | 2 |
| 22 | 3559931 | | Cable Assy, Prism-Main, M, 45in. | 1 | 1 | 1 | 1 |
| 23 | 3559928 | | Cable Assy, DC Power, F, 45in. | 1 | 1 | 1 | 1 |
| 24 | 3559937 | | Cable Assy, LED & SW, M/F, 45in. | 2 | 2 | 2 | 2 |
| 25 | 3559777 | | Cable Assy, Pulsator, 72in. | 2 | 2 | 2 | 2 |
| 26 | 3559330 | | Cable Assy, Stall to Stall | 1 | 1 | 1 | 1 |
| 27 | 3559502 | | Cable Assy, One Stall, T-Point | 2 | 2 | 2 | 2 |
| 28 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | a/r | a/r | a/r |
| 29 | 3556371 | | Hose, Sil, .250 OD x .125 ID x .06 W | a/r | a/r | a/r | a/r |
| 30 | 3556690 | | Hose, Rbr, .62 x 9.25, Frmd | 1 | 1 | 1 | 1 |
| 31 | ----- | | Washer, Plain, SS, 3/8 NAP A | 2 | 2 | 2 | 2 |
| 32 | ----- | | Nut, Lock Elas, SS, 3/8-16 | 2 | 2 | 2 | 2 |
| 33 | ----- | | CSCR, HXH, SS, 3/8-16 x 3/4 | 2 | 2 | 2 | 2 |
| 34 | 8583102 | | Spacer, Rd, Nyl, .312 x .194 x 2.00 | 2 | 2 | 2 | 2 |
| 35 | ----- | | MSCR, PNH, SS, 10-32 x 2-1/2 | 2 | 2 | 2 | 2 |
| 36 | ----- | | Nut, Lock, Elas, SS, 10-32 | 16 | 16 | 16 | 16 |
| 37 | ----- | | Washer, Plain, SS, #10 | 2 | 2 | 2 | 2 |
| 38 | ----- | | MSCR, HXH, SS, 10-32 x 1/2 | 10 | 10 | 10 | 10 |
| 39 | ----- | | MSCR, HXH, SS, 1/4-20 x 1/2 | 6 | 6 | 6 | 6 |
| 40 | ----- | | Nut, Lock, Elas, SS, 1/4-20 | 6 | 6 | 6 | 6 |
| 41 | ----- | | Bolt, CRG, SS, 1/4-20 x 3/4 | 6 | 6 | 6 | 6 |
| 42 | ----- | | Nut, HEX, Flange, Lck, 1/4-20, SS | 6 | 6 | 6 | 6 |
| 43 | 322641YW | ⊗ | Tube, Nylon, Yellow, 5/32, 500ft | a/r | a/r | a/r | a/r |
| 44 | 3559885 | | Hose, Nylon, Nat, 1/4 OD x 500ft | a/r | a/r | a/r | a/r |
| 45 | 3558984 | | Hose, Nyl, Nat, 3/8 OD x 1000ft | a/r | a/r | a/r | a/r |
| 46 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500ft | a/r | a/r | a/r | a/r |
| 47 | 3559996 | | Tube, Nyl, Nat, 5/16 OD x 100ft | a/r | a/r | a/r | a/r |
| 48 | 3559492 | | Bracket, Mtg, Valve, Rotary | 2 | 2 | 2 | 2 |
| 49 | 3559301 | | Valve, 4-way, Air, 24V, 1/4 W | 2 | 2 | 2 | 2 |
| 50 | ----- | | MSCR, PNH, SS, 10-32 x 3/8 | 4 | 4 | 4 | 4 |
| 51 | 3554087 | | Conn, Push, 1/4 OD x 1/8 NPT | 2 | 2 | 2 | 2 |
| 52 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 8 | 8 | 8 | 8 |
| 53 | 3558277 | | Conn, Push, Union Y, 1/4 | 1 | 1 | 1 | 1 |
| 54 | 3556249 | | Hose, Nyl, Red, 5/32 OD x 500ft | a/r | a/r | a/r | a/r |
| 55 | 3556250 | | Hose, Nyl, Grn, 5/32 OD x 500ft | a/r | a/r | a/r | a/r |
| 56 | 322672YW | ⊗ | Hose, Nylon, Yellow, 1/4, 500ft | a/r | a/r | a/r | a/r |

**SmartControl Meter Assembly, Xcalibur 360EX,
Non-Basement, Left Hand, Vacuum Shutoff**

**SmartControl Meter Assembly, Xcalibur 360EX,
Non-Basement, Left Hand, Vacuum Shutoff**

| | |
|-----------------------|--------------------|
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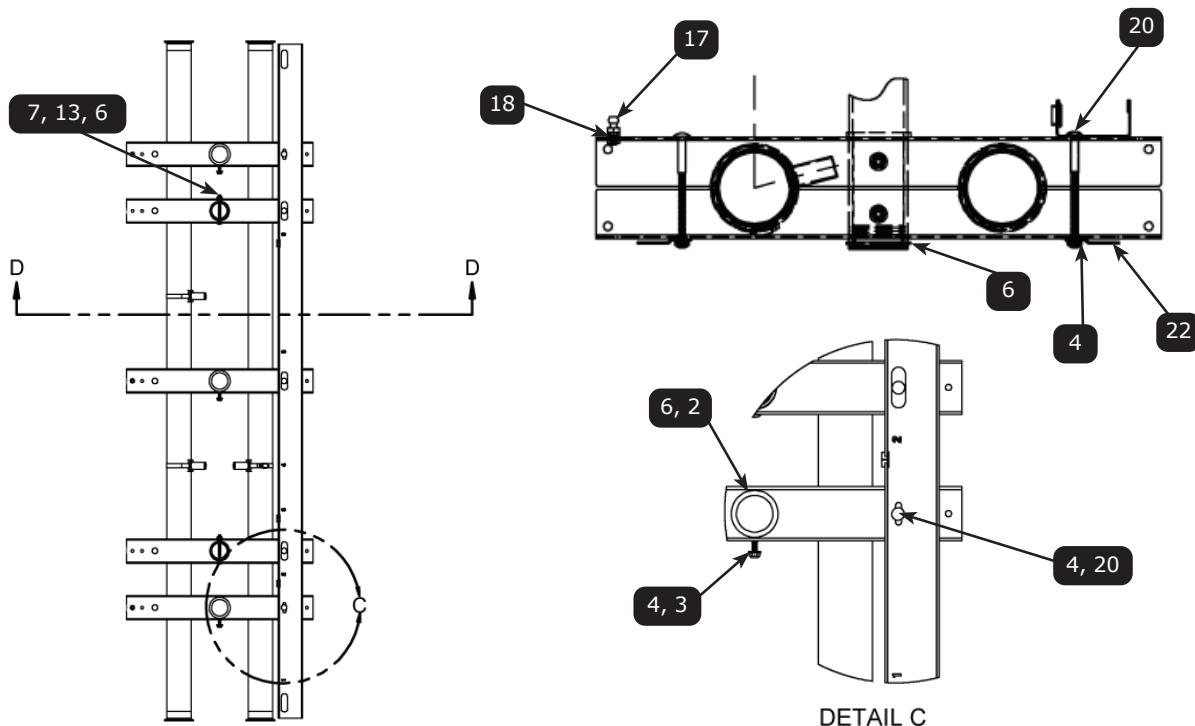
**SmartControl Meter Assembly, DualFlo, 3 & 4
Stall Group for TouchPoint, Vacuum Shutoff**

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------------|-----------------------------|--|-----------------------------------|-------------|-------------|-------------|
| | 3559538 | | Module, 3-Unit, 28" DFlo, T-Pnt | 9538 | | | |
| | 3559539 | | Module, 4-Unit, 28" DFlo, T-Pnt | | 9539 | | |
| | 3559540 | | Module, 3-Unit, 30" DFlo, T-Pnt | | | 9540 | |
| | 3559541 | | Module, 4-Unit, 30" DFlo, T-Pnt | | | | 9541 |
| | 8581472 | | Milk Line Assy, 3-28", W/2 Port | 1 | - | - | - |
| 1 | 8581465 | | Milk Line Assy, 4-28",W/2 Port | - | 2 | - | - |
| | 8580147 | | Mlk Line Assy, 3-30",W/2 Port | - | - | 1 | - |
| | 8580148 | | Milk Line Assy, 4-30",W/2 Port | - | - | - | 2 |
| 2 | 8580129 | | Bushing, Flange, 2.01 ID x 4.75 LG | 3 | 4 | 3 | 4 |
| 3 | ----- | | Bolt, CRG, SS, 5/16-18 x 3/4 | 6 | 8 | 6 | 8 |
| 4 | ----- | | Nut, Lock, Elas, SS, 5/16-18 | 26 | 30 | 26 | 30 |
| 5 | ----- | | Bolt, CRG, SS, 5/16-18 x 3-1/2 | 4 | 4 | 4 | 4 |
| 6 | 8581133 | | Ring, Retaining, 2.255 ID x .078 Thk | 3 | 4 | 3 | 4 |
| 7 | 8516037 | | Nipple Assy, Str., SS, 3/4 ID | 3 | 4 | 3 | 4 |
| 8 | 8510202 | | Clamp, SS, Valve Assy, 1.5 x 3 | 3 | 4 | 3 | 4 |
| 9 | ----- | | CSCR, HXH, SS, 5/16-18 x 4 | 6 | 6 | 6 | 6 |
| 10 | ----- | | Washer, Plain, SS, 5/16 | 18 | 20 | 18 | 20 |
| 11 | ----- | | Washer, Plain, SS, 7/16 | 4 | 4 | 4 | 4 |
| 12 | 8510208 | | Bracket, U, Vinyl-Coated | 2 | 2 | 2 | 2 |
| 13 | 8517600 | | Stallcock, Die Cast, 3/8 NPT | 3 | 4 | 3 | 4 |
| 14 | 8583545 | | C-Clamp, SS, 1.0" | 2 | 2 | 2 | 2 |
| 15 | 3559861 | | Meter Assy, RH, VAC | - | - | - | - |
| 16 | 3559862 | | Meter Assy, LH, VAC | - | - | - | - |
| 17 | 4022491 | | Stud, ball, 10mm | 3 | 4 | 3 | 4 |
| 18 | 1248353 | | Nut, Hex, Jam, SS, 5/16-18 | 6 | 8 | 6 | 8 |
| 19 | 3557375 | | Gasket, .843 Hole | 3 | 4 | 3 | 4 |
| 20 | ----- | | Bolt, CRG, SS, 5/16-18 x 4-1/2 | 10 | 12 | 10 | 12 |
| 21 | 8510207 | | Clip, Bracket, SS | 4 | 4 | 4 | 4 |
| 22 | 8581448 | | Brace, Cabinet, Cover, SWG Prl | 4 | 4 | 4 | 4 |
| 23 | ----- | | Bolt, cRG, SS, 1/4-20 x 3/4 | 9 | 12 | 9 | 12 |
| 24 | ----- | | Nut, Lock, Elas, SS, 1/4-20 | 9 | 12 | 9 | 12 |
| 25 | 8500331 | n/s | Gasket, TR-Clamp, 3.0" | 2 | 2 | 2 | 2 |
| 26 | 8507966 | n/s | Clamp, Band, SS, 3 in. | 2 | 2 | 2 | 2 |
| 27 | 3559544 | | Shutoff Assy, w/nipple, Vac | - | - | - | - |
| 28 | 8583569 | n/s | ⊗ Pulsator Assy, w/Filter Nipples <i>(Refer to Pulsator Assembly with Filter Nipple page for parts breakdown)</i> | - | - | - | - |
| 29 | 8516039 | | Hose, Milk, Silicone, 3/4 ID x 100ft | a/r | a/r | a/r | a/r |
| 30 | 3553790 | | Elbow, 90, Nyl, 1/4 NPT x 3/8 Hose | 6 | 8 | 6 | 8 |
| 31 | 8583541 | | Coupling Assy, 3.0, Flex | 2 | 2 | 2 | 2 |
| 32 | 8583542 | | Coupling Assy, 1.0, Flex | 1 | 1 | 1 | 1 |
| 33 | 3556483 | | Elbow, 90, Nyl, 1/4 NPT x 1/4 Hose | 6 | 8 | 6 | 8 |
| 34 | 1431200 | | Plug, Hex HD, Brass, 1/4 | 1 | 1 | 1 | 1 |
| 35 | 3556883 | | Elbow, Street, 45 Deg., Brs, 1/4 | 1 | 1 | 1 | 1 |
| 36 | 8507022 | | Conn, Swl, Elb, 1/4 OD x 1/4 NPT | 3 | 4 | 3 | 4 |
| 37 | 3560841 | | Conn, Push, Tee, 5/32 x 1/8 NPT | 3 | 4 | 3 | 4 |
| 38 | 4022982 | | Bushing, Split, Nylon, OCB-875 | 6 | 8 | 6 | 8 |
| 39 | 8580178 | | Cap, Tube, 2-3/8, 10-14 Ga. | 2 | 2 | 2 | 2 |
| 40 | 8581440 | | Clamp, Rail, Half, 2.00 Pipe | 8 | 8 | 8 | 8 |
| 41 | ----- | n/s | Nut, Lock, Elas, SS, 3/8-16 | 2 | 2 | 2 | 2 |
| 42 | ----- | | Bolt, CRG, 1/2-13 x 1-1/2, ZP | 16 | 16 | 16 | 16 |
| 43 | ----- | | Nut, Lock, Elas, 1/2-13, ZP | 16 | 16 | 16 | 16 |
| 44 | 8510105 | | Clamp, Hose, SS, #56, 2.13-4.00 | 4 | 4 | 4 | 4 |
| 45 | 8580120 | | Rod, Prop, swing Cabinet | 4 | 4 | 4 | 4 |
| 46 | 3559784 | | Cable Assy, DC Power, F, 72" | 1 | 1 | 1 | 1 |
| 47 | 3560371 | | Cable Assy, Prism-Main, F, 74" | 1 | 1 | 1 | 1 |
| 48 | 3560745 | | Cable Assy, Power, 100" | 1 | 1 | 1 | 1 |

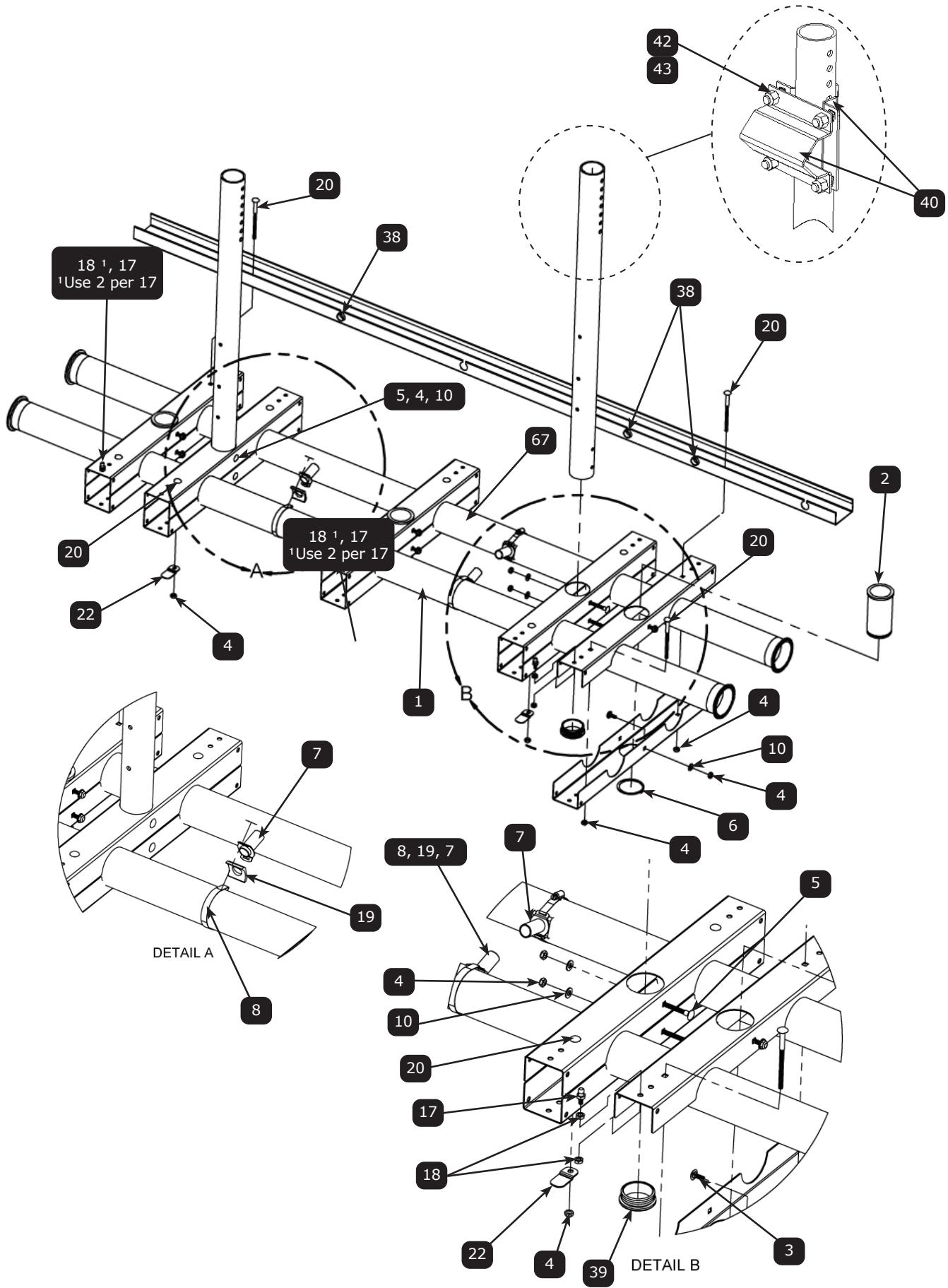
SmartControl Meter Assembly, DualFlo, 3 & 4 Stall Group for TouchPoint, Vacuum Shutoff

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| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------|-----------------------------|--------------------------------------|-----------------------------------|------|------|------|
| | | | | 9538 | 9539 | 9540 | 9541 |
| | 3559538 | | Module, 3-Unit, 28" DFlo, T-Pnt | 9538 | | | |
| | 3559539 | | Module, 4-Unit, 28" DFlo, T-Pnt | | 9539 | | |
| | 3559540 | | Module, 3-Unit, 30" DFlo, T-Pnt | | | 9540 | |
| | 3559541 | | Module, 4-Unit, 30" DFlo, T-Pnt | | | | 9541 |
| 49 | 3560744 | | Cable Assy, Prism-Main, 100" | 1 | 1 | 1 | 1 |
| 50 | 8582269 | | Cable, Prox Sensor | 3 | 4 | 3 | 4 |
| 51 | 3560803 | | Cable Assy, Prism0Main, M, 60" | 1 | 1 | 1 | 1 |
| 52 | 3560804 | n/s | Cable Assy, Power, 28" | 1 | 2 | 1 | 2 |
| 53 | 3560805 | n/s | Cable Assy, Communication, 28" | 1 | 2 | 1 | 2 |
| 54 | 3559777 | n/s | Cable Assy, Pulsator, 72" | 3 | 4 | 3 | 4 |
| 55 | 3559482 | | Cable Assy, Pulsator, Adapter | 3 | 4 | 3 | 4 |
| 56 | 3559929 | | Cable Assy, DC Power, M, 45" | 3 | 4 | 3 | 4 |
| 57 | 3559935 | | Cable Assy, Prism-Sub, M, 45" | 3 | 4 | 3 | 4 |
| 58 | 3560842 | | Cable Assy, Cylinder, 72" | 3 | 4 | 3 | 4 |
| 59 | 8584771 | | Sensor, Proximity, Inductive | 3 | 4 | 3 | 4 |
| 60 | ----- | n/s | CSCR, HXH, SS, 3/8-16 x 3-1/2 | 2 | 2 | 2 | 2 |
| 61 | 322641YW | ⊗ | Tube, Nyl, Yel, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r |
| 62 | 8506805 | n/s | Hose, Vinyl, .38 x .125 W, Blk/Wht | a/r | a/r | a/r | a/r |
| 63 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | a/r | a/r | a/r |
| 64 | 3556251 | | Hose, Nyl, Nat, 5/32 OD x 500 ft | a/r | a/r | a/r | a/r |
| 65 | 3556371 | | Hose, Sil, .250 OD x .125 ID x .06 W | a/r | a/r | a/r | a/r |
| 66 | 1916633 | n/s | Connector, Pin, Ferrule, 20ga. | 9 | 12 | 9 | 12 |
| 67 | 8581473 | | Milk Line Assy, 3-28", w/1 Port | 1 | - | - | - |
| | 8580151 | | Milk Line Assy, 3-30", W/1 Port | - | - | 1 | - |

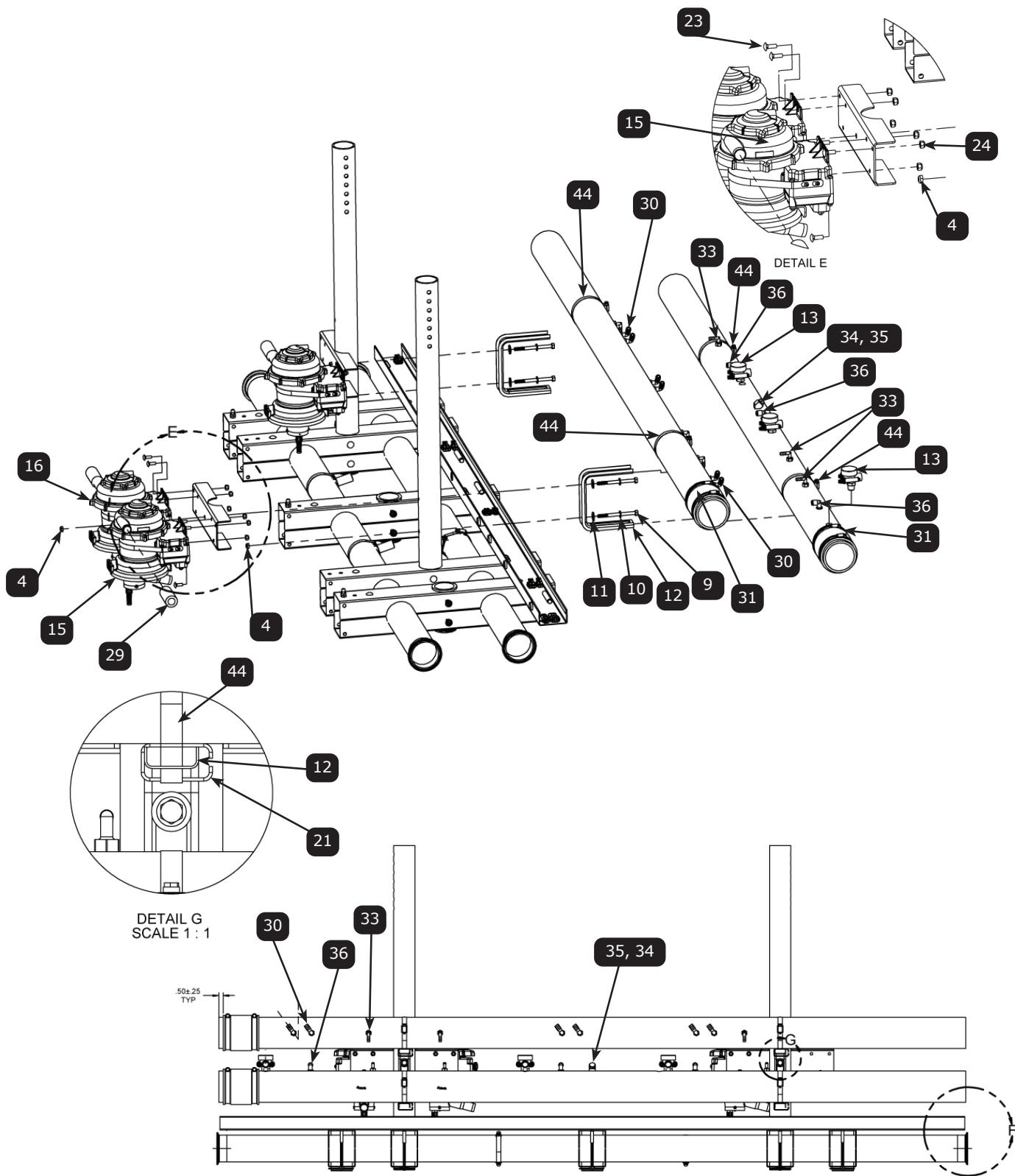


SmartControl Meter Assembly, DualFlo, 3 & 4 Stall Group for TouchPoint, Vacuum Shutoff

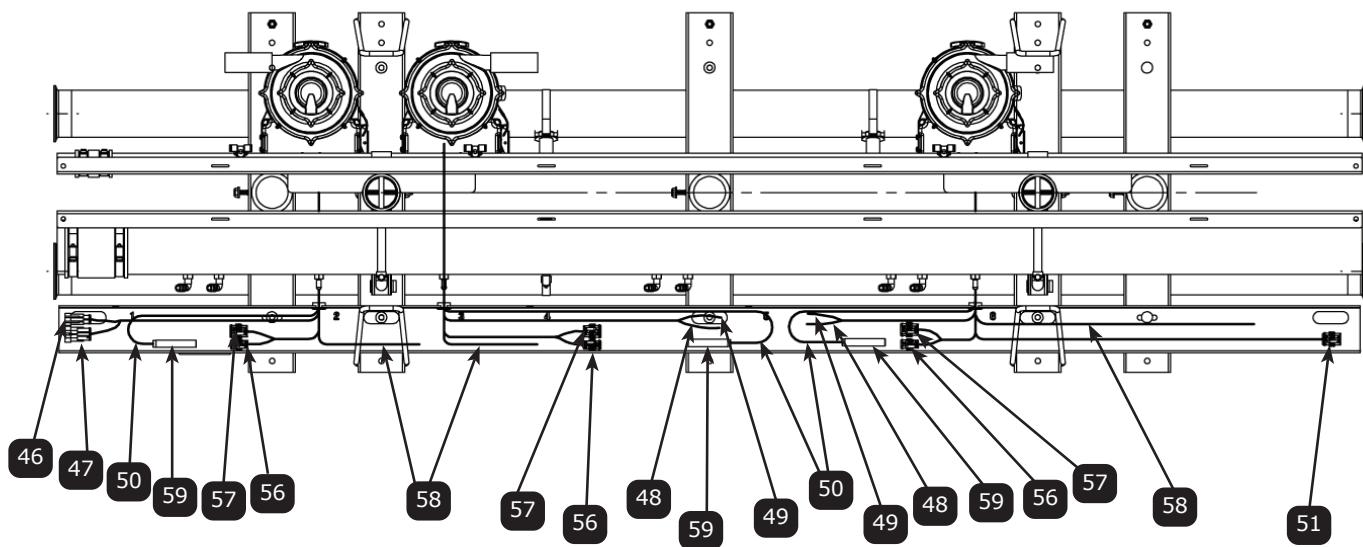
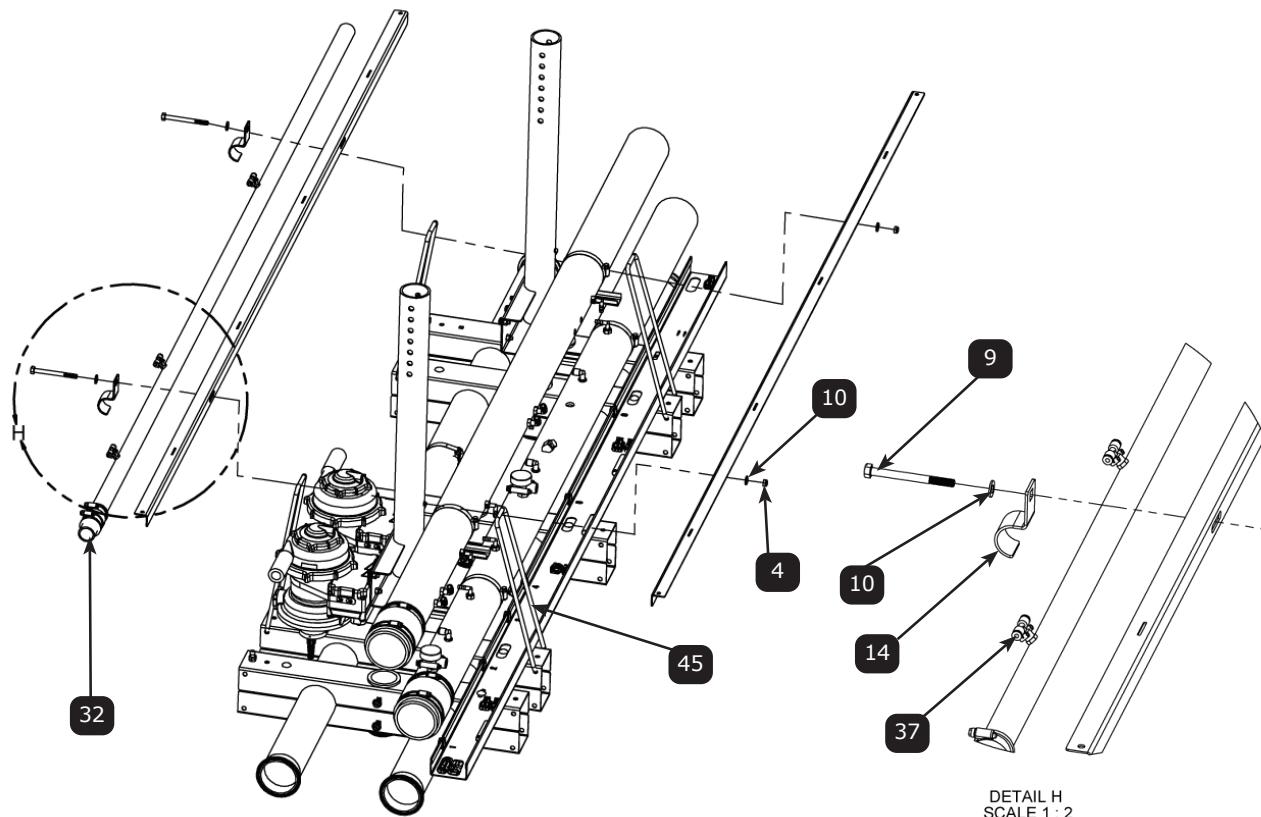


**SmartControl Meter Assembly, DualFlo, 3 & 4
Stall Group for TouchPoint, Vacuum Shutoff**

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| EFFECTIVE: 1/27/21 | |

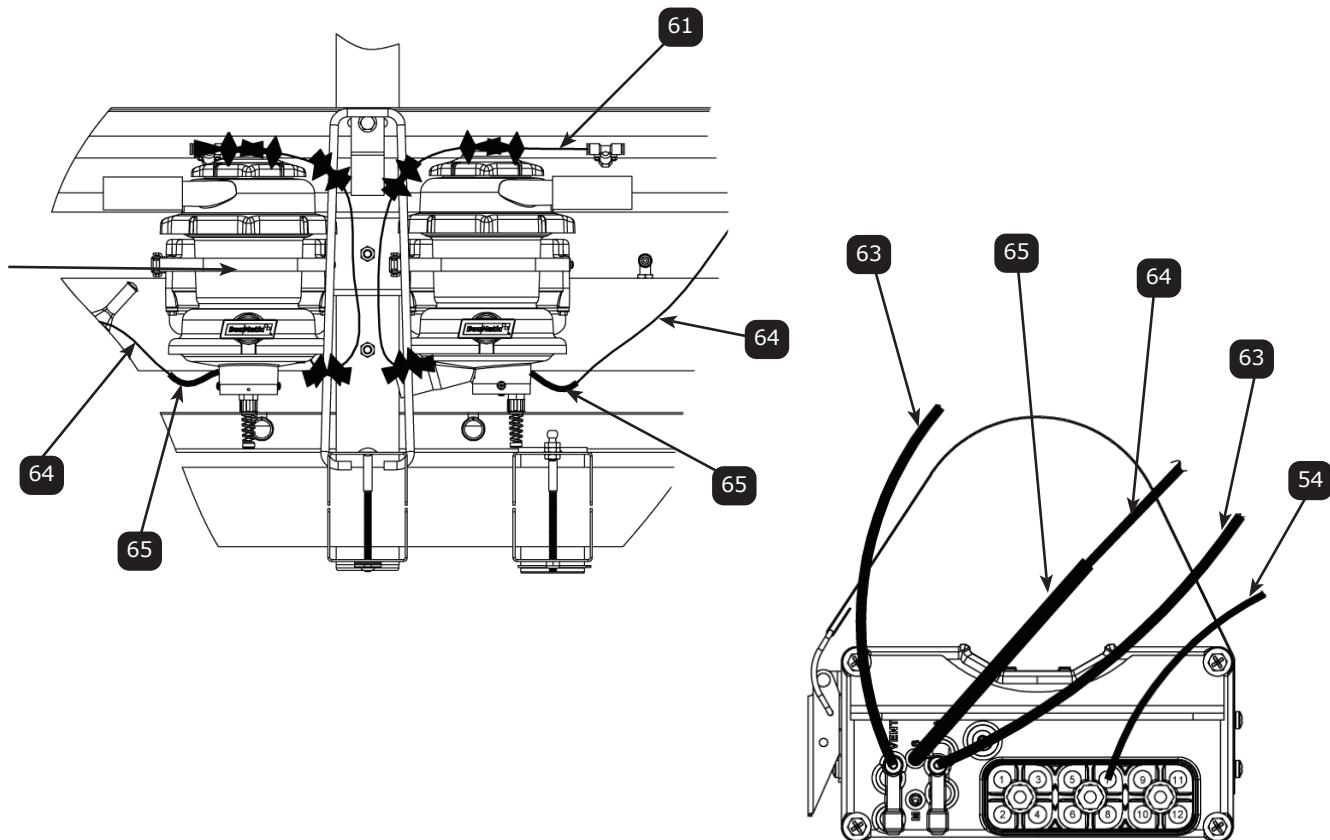
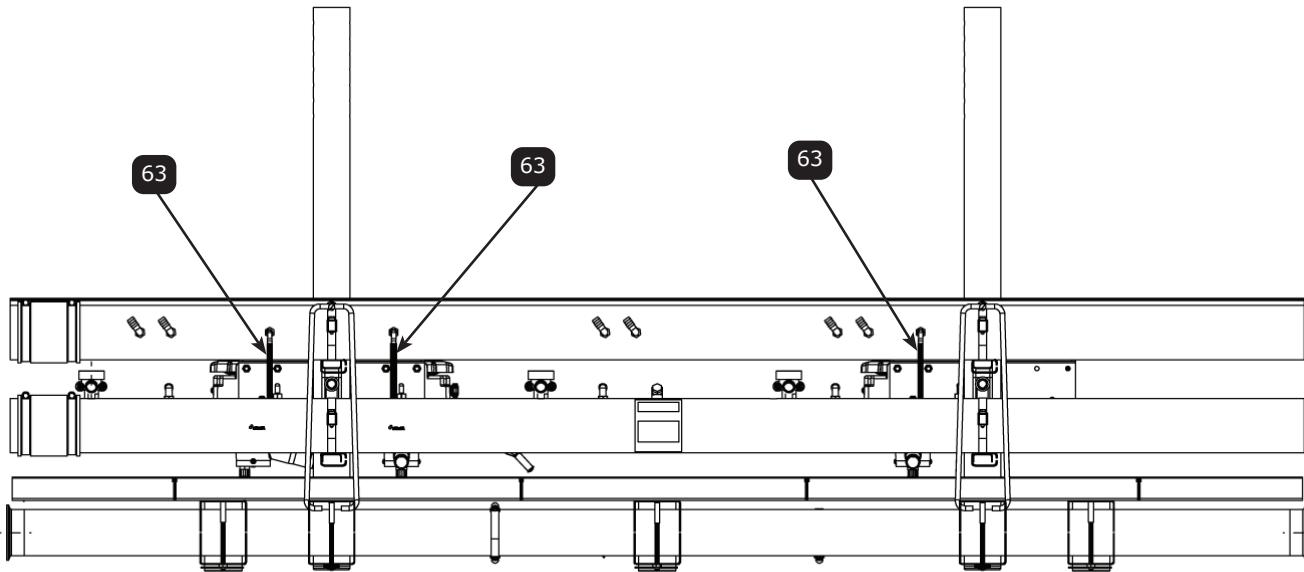


**SmartControl Meter Assembly, DualFlo, 3 & 4
Stall Group for TouchPoint, Vacuum Shutoff**



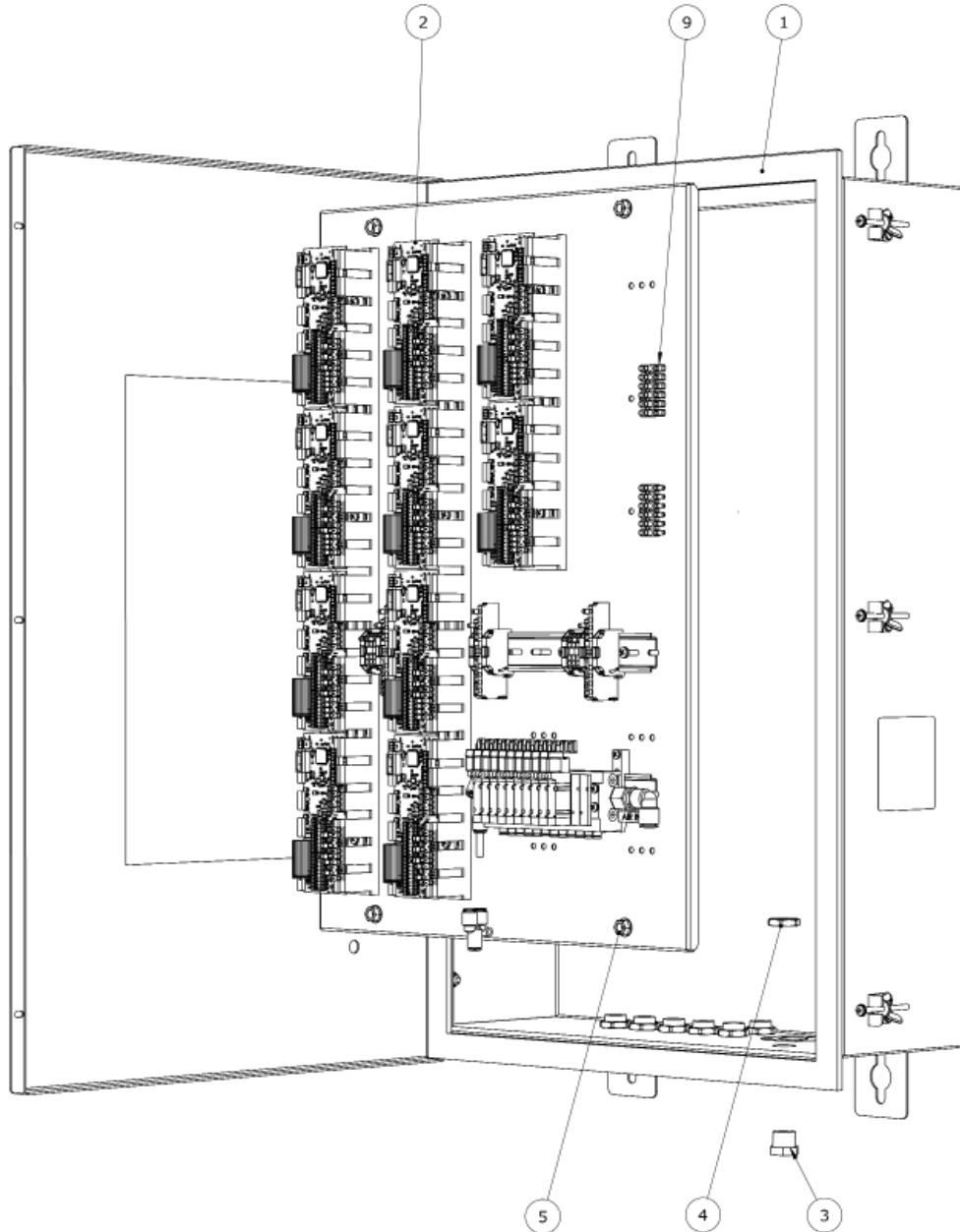
**SmartControl Meter Assembly, DualFlo, 3 & 4
Stall Group for TouchPoint, Vacuum Shutoff**

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EFFECTIVE: 1/27/21



**FloSmart Meter, Remote Install Control
Box Assembly**

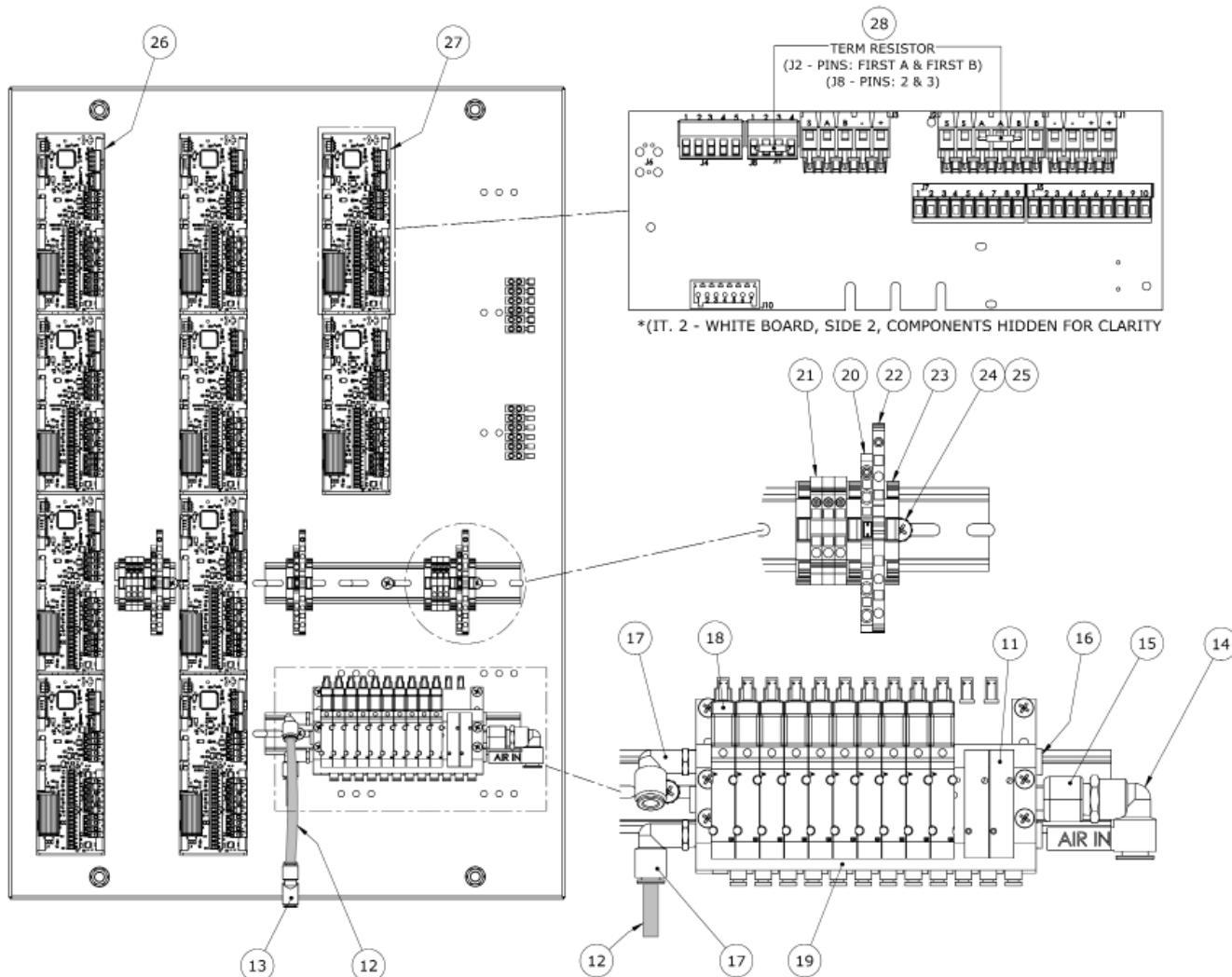
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|----------|------------------------------------|-----------------------------------|------|------|
| | 3563784 | CNTRL ASSY,SC FOR FS,8 STALL | 3784 | | |
| | 3563785 | CNTRL ASSY,SC FOR FS,10 STALL | | 3785 | |
| | 3563786 | CNTRL ASSY,SC FOR FS,12 STALL | | | 3786 |
| 1 | 3558728 | ENCLOSURE ASSY | 1 | 1 | 1 |
| 2 | 3563481 | PCBA, FLO & SMARTMETER CNTRL | 8 | 10 | 12 |
| 3 | 3559240 | PLUG,HEX HD,NYL,1/2NPT | 11 | 11 | 11 |
| 4 | 1917551 | CONNECTOR,DOME,NUT,1/2 NPT | 11 | 11 | 11 |
| 5 | 1225353 | NUT,HEX,FLANGE,LCK,5/16-18,SS | 4 | 4 | 4 |
| 6 | 3563815 | n/s WIRE HRNSS,SOLVALVES,SC FOR FS | 1 | 1 | 1 |
| 7 | 3563814 | n/s WIRE HRNSS,POWER, SC FOR FS | 2 | 3 | 3 |
| 8 | 3563813 | n/s WIRE HRNSS,COMM,SC FOR FS | 1 | 1 | 1 |
| 9 | 1917628 | CONNECTOR,TERM STRIP, 6-POS | 2 | 2 | - |
| 10 | 1979000 | n/s TIE,CABLE, 3.75 X.09 | 1 | 1 | - |



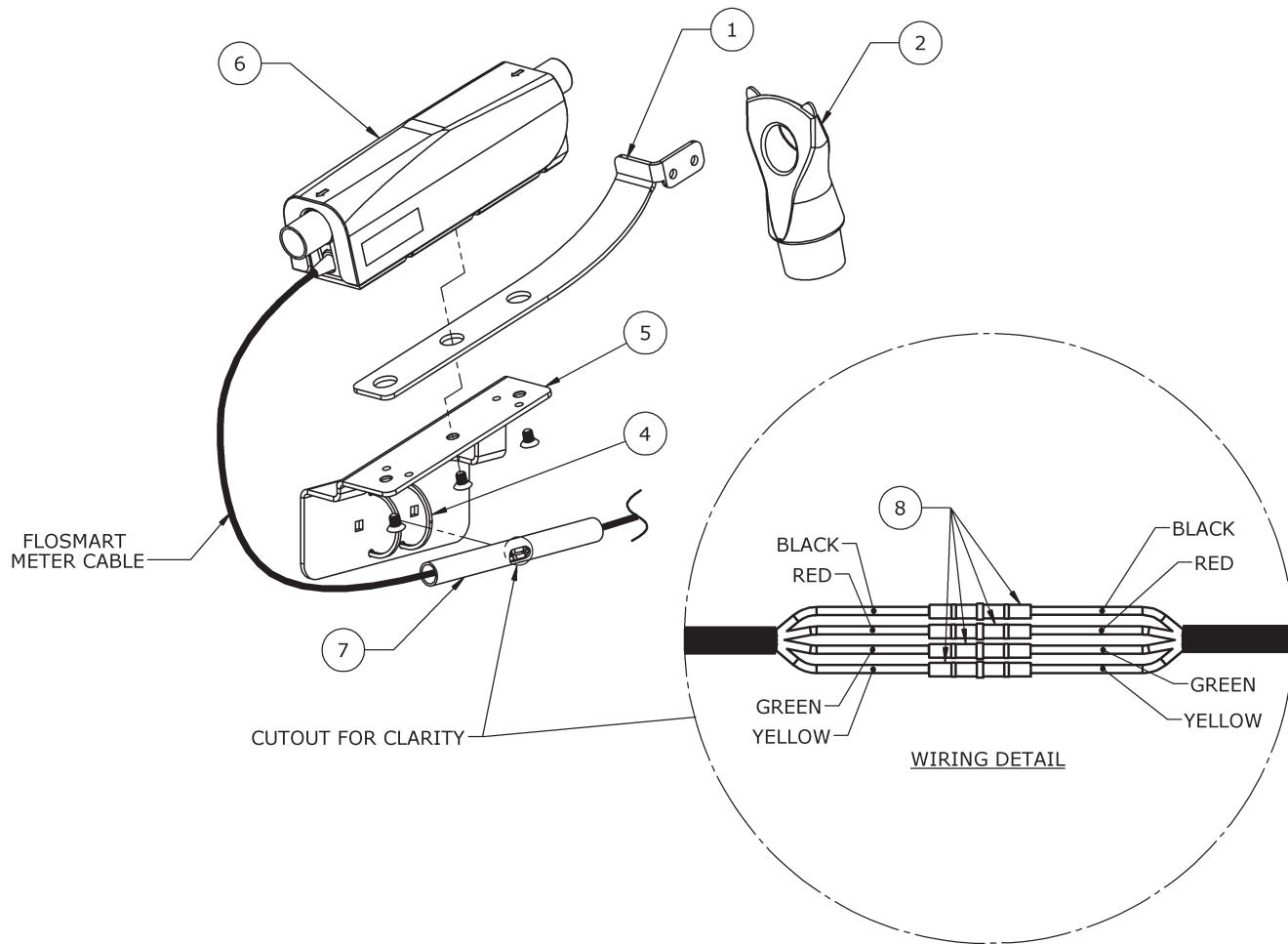
FloSmart Meter, Remote Install Control Box Assembly, Cont.

SECTION D PAGE 113
EFFECTIVE: 3/29/21

| ITEM | PART NO. | QTY REQUIRED (a/r=As Re- quired) |
|------|----------|--|
| | 3563784 | CNTRL ASSY,SC FOR FS,8 STALL 3784 |
| | 3563785 | CNTRL ASSY,SC FOR FS,10 STALL 3785 |
| | 3563786 | CNTRL ASSY,SC FOR FS,12 STALL 3786 |
| 11 | 3558979 | PLATE,BLANKING,MANIFOLD 4 2 - |
| 12 | 3560897 | HOSE,NYL,NAT,1/4 OD,UOM=FT 0.625 0.625 0.625 |
| 13 | 3558277 | CONN,PUSH,UNION Y,1/4 1 1 1 |
| 14 | 3556891 | CONN,SWL,ELB,3/8 OD X 1/4 NPT 1 1 1 |
| 15 | 3558983 | REDUCER,1/8 NPT X1/4 NPT,BRASS 1 1 1 |
| 16 | 3558982 | PLUG,1/8 NPT,BRASS 3 3 3 |
| 17 | 3554085 | CONN,SWL,ELB,1/4 OD X 1/8 NPT 2 2 2 |
| 18 | 3558978 | VALVE,SOLENOID,4-WAY 8 10 12 |
| 19 | 3558977 | MANIFOLD ASSY,VALVE,12 STALL 1 1 1 |
| 20 | 3558354 | CONNECTOR,GND,DIN RAIL MTG 2 3 3 |
| 21 | 3558249 | CONNECTOR,COMM,DIN RAILING 6 6 6 |
| 22 | 3558272 | CONNECTOR,PWR,W/SW,DIN RAIL MT 2 3 3 |
| 23 | 3558274 | BRACKET,END,CONN,DIN RAIL MTG 6 8 8 |
| 24 | 1219380 | NUT,HEX,KEPS,SS,10-32 14 16 18 |
| 25 | 1098218 | MSCR,PNH,SS,SEMS,10-32 X 1/2 14 16 18 |
| 26 | 3563837 | DUCT,WIRE,2INX2INX24IN 2 2 2 |
| 27 | 3563838 | DUCT,WIRE,2INX2INX12IN - 1 2 |
| 28 | 3557453 | TERMINATION RESISTOR a/r a/r a/r |



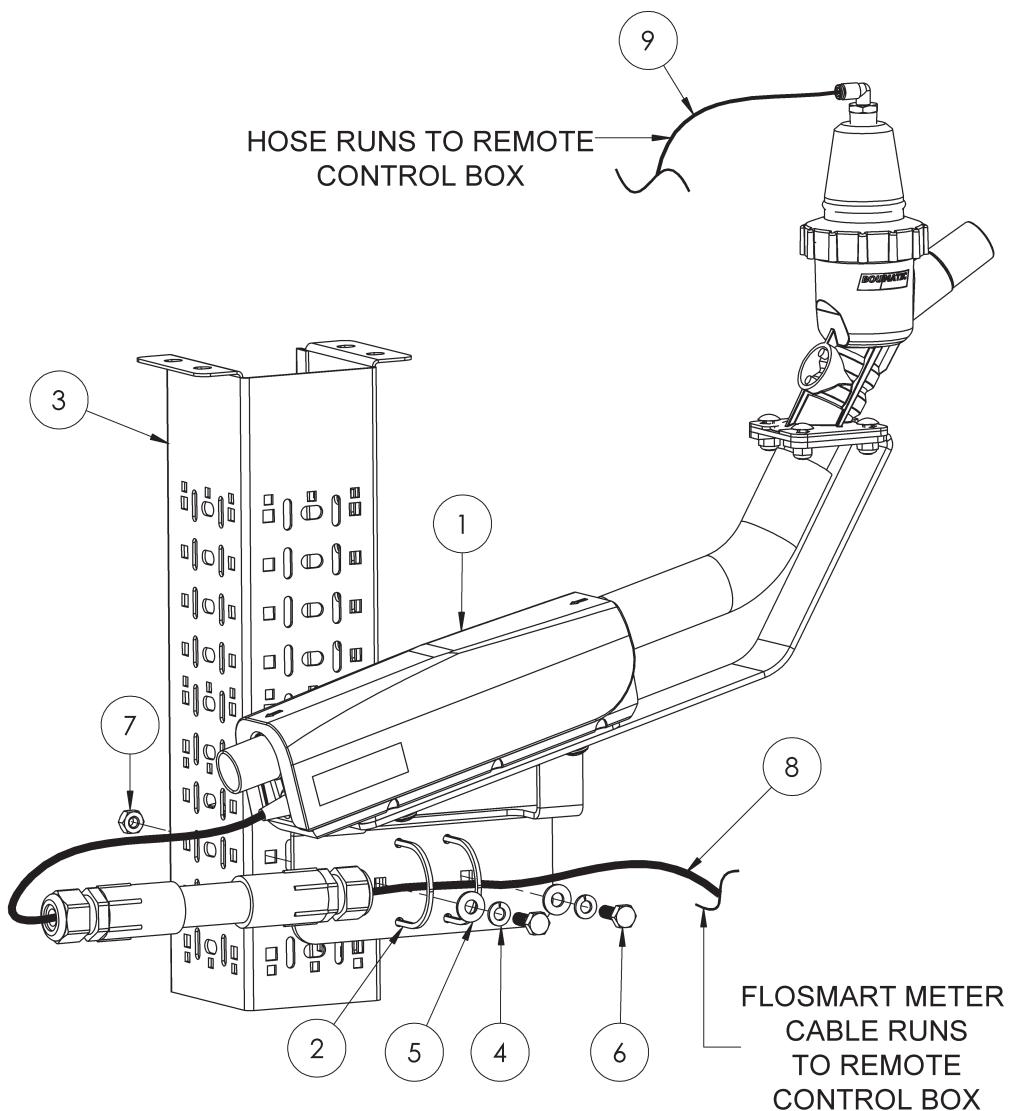
**FloSmart Meter Non-Basement Assy,
Left & Right Hand, Air Shutoff**



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Required) | |
|------|----------------|-----------------------------|-------------------------------------|----------------------------------|-----|
| | 3563899 | | FLOSMART METER REMOTE,LH,AIR | 3899 | |
| | 3563900 | | FLOSMART METER REMOTE,RH,AIR | 3900 | |
| 1 | 3563495 | | BRKT, SHUT OFF VALVE FLOS | 1 | 1 |
| 2 | 3559545 | | VALVE, AIR PINCH, 3/4, PUSH | 1 | 1 |
| 4 | 1979000 | | TIE,CABLE, 3.75 X.09 | a/r | a/r |
| 5 | 3563913 | n/s | BRKT, RIGHT,FLOSMART REMOTE KIT | 1 | - |
| | 3563912 | | BRKT,LEFT,FLOSMART REMOTE KIT | - | 1 |
| 6 | 3563764 | | FLOSMART MFM ASSEMBLY | 1 | 1 |
| 7 | 3563942 | | KIT, CONN, N/B, FLOSMART | 1 | 1 |
| 8 | 8595444 | | CONN,BUTT,W/H SHRINK,W/ADHSV | 4 | 4 |

**FloSmart Meter Parallel, Non-Basement,
Left & Right Hand, Air Shutoff**

| | |
|-----------------------|--------------------|
| SECTION D | PAGE 115 |
| EFFECTIVE: 2/16/21 | |

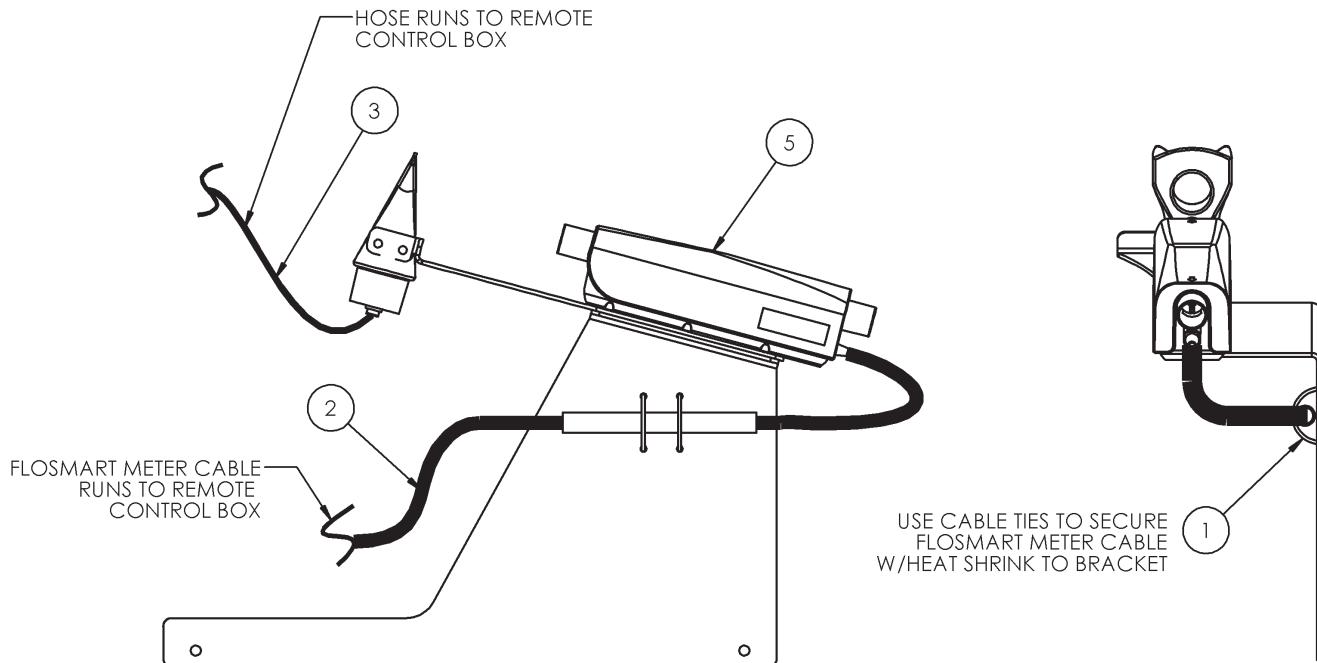


| ITEM | PART NO. | Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | |
|------|-----------|---------------------------|------------------------------|-----------------------------------|------|------|------|------|------|
| | 3563874 | | FLOSMART REMOTE,LH,AIR,1 PT | 3874 | | | | | |
| | 3563873 | | FLOSMART REMOTE,RH,AIR,1 PT | | 3873 | | | | |
| | 3563895 | | FLOSMART REMOTE,LH,AIR,3 PT | | | 3895 | | | |
| | 3563896 | | FLOSMART REMOTE,RH,AIR,3 PT | | | | 3896 | | |
| | 3563893 | | FLOSMART REMOTE,LH,AIR,4 PT | | | | | 3893 | |
| | 3563894 | | FLOSMART REMOTE,RH,AIR,4 PT | | | | | | 3894 |
| 1 | 3563900 1 | n/s | FLOSMART METER REMOTE,RH,AIR | - | 1 | - | 3 | - | 4 |
| | 3563899 1 | | FLOSMART METER REMOTE,LH,AIR | 1 | - | 3 | - | 4 | - |
| 2 | 1979000 | | TIE,CABLE, 3.75 X 0.09 | a/r | a/r | a/r | a/r | a/r | a/r |
| 3 | 3556453 | | BRACKET ASSY,MTG,PERF METER | 1 | 1 | 3 | 3 | 4 | 4 |
| 4 | 1209386 | | WASHER,LOCK,HCL SPR,SS,1/4 | 2 | 2 | 6 | 6 | 8 | 8 |
| 5 | 1208386 | | WASHER,PLAIN,SS,1/4 WID A | 2 | 2 | 6 | 6 | 8 | 8 |
| 6 | 1091008 | | CSCR,HXH,SS,1/4-20 X 3/4 | 2 | 2 | 6 | 6 | 8 | 8 |
| 7 | 1203352 | | NUT,HEX,SS,1/4-20 | 2 | 2 | 6 | 6 | 8 | 8 |
| 8 | 3563257 | | CABLE, FLOSMART | a/r | a/r | a/r | a/r | a/r | a/r |
| 9 | 3556248 | | HOSE,NYL,BLK,5/32 ODX500FT | a/r | a/r | a/r | a/r | a/r | a/r |

Notes:

1. Refer to FloSmart Non-Basement Assy page for breakdown

**FloSmart Meter Xcalibur 360IX,
Non-Basement, Air Shutoff**



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|----------------|-----------------------------|-----------------------------------|-----------------------------------|------|------|
| | 8595572 | | FLOSMART ASSY,AIR,360IX,24 | 5572 | | |
| | 8595571 | | FLOSMART ASSY,AIR,360IX,32 | 5571 | | |
| | 8595570 | | FLOSMART ASSY,AIR,360IX,40 | 5570 | | |
| 1 | 1979000 | | TIE,CABLE, 3.75 X.09 | 48 | 64 | 80 |
| 2 | 3563257 | | CABLE, FLOSMART | 1000 | 1200 | 1500 |
| 3 | 3556248 | | HOSE, NYL, BLK, 5/32 ODX500FT | 1000 | 1200 | 1500 |
| 4 | 3556586 | n/s | CABLE, 6-COND, 20GA | 1000 | 1200 | 1500 |
| 5 | 8596265 | | FLOSMART METER REMOTE, IX, AIR | 24 | 32 | 40 |

SmartControl & FloSmart Meter Demo Assembly, TouchPoint & ViewPoint

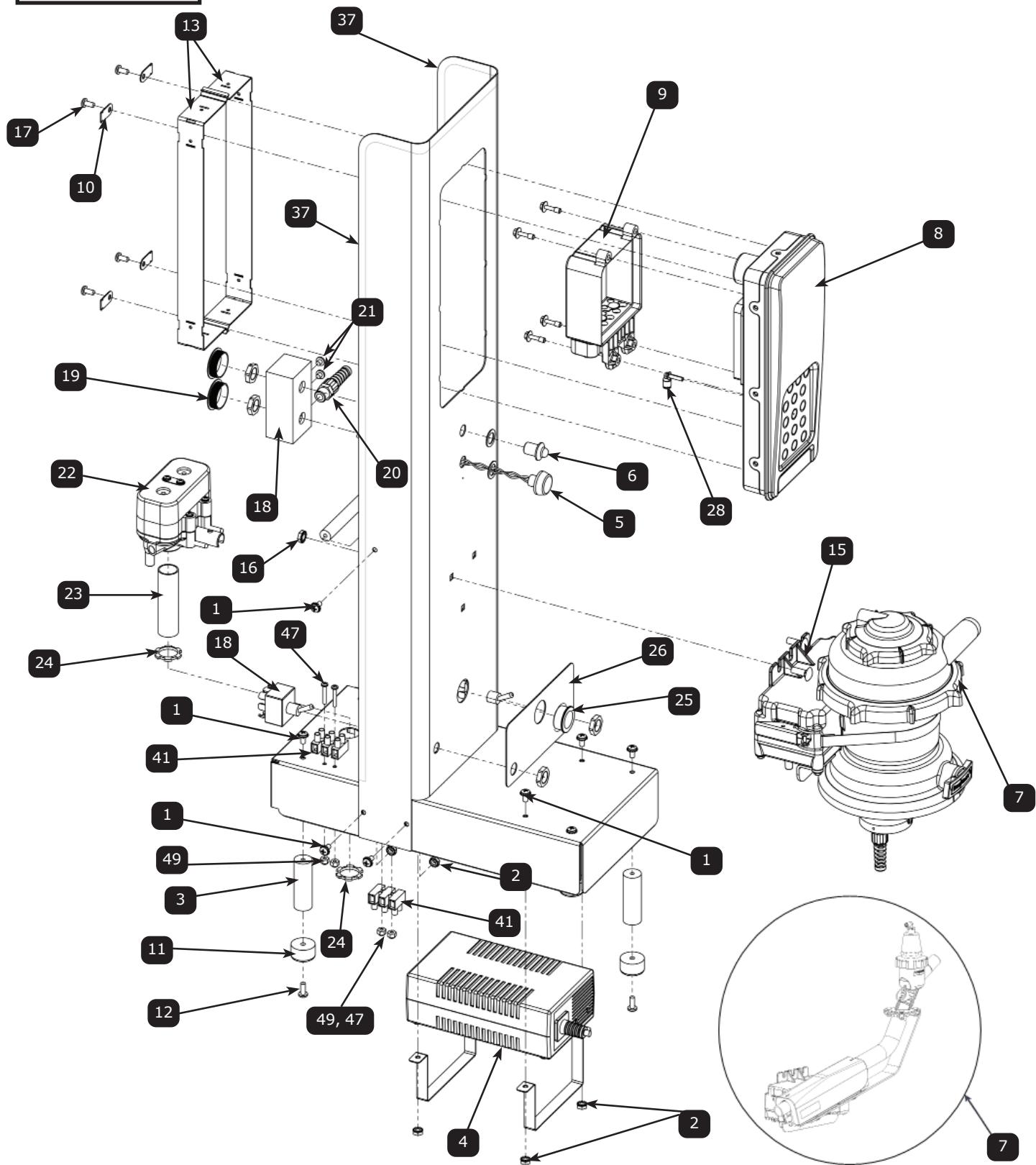
| | |
|-----------------------|--------------------|
| SECTION D | PAGE 117 |
| EFFECTIVE: 3/29/21 | |

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------------|-----------------------------|-----------------------------------|-----------------------------------|
| | 3561349 | | DEMO ASSY,SC,T-POINT/V-POINT | 1349 |
| | 3563938 | | DEMO ASSY,FS,T-POINT/V-POINT | 3938 |
| 1 | ----- | | MSCR, PNH, SS, Sems, 10-32 x 3/8 | 14 |
| 2 | ----- | | Nut, Hex, Keps, SS, 10-32 | 8 |
| 3 | 3560929 | | Spacer, Foot, Base | 4 |
| 4 | 3558985 | | Power Supply, 24VDC, 6A, Desk | 1 |
| 5 | 3557988 | | Switch, Door, Detacher, SS | 1 |
| 6 | 3558005 | | LED Indicator Assy, Red, 6.0" | 1 |
| 7 | 3559861 ¹ | | Meter Assy, RH, Vac | 1 |
| | 3563643 ² | | FLOSMART METER ASSEMBLY,RH,VAC | - |
| 8 | 3559530 | | Control, TouchPoint | 1 |
| 9 | 3559919 ³ | | Back Cover Assy, TouchPoint | 1 |
| 10 | 3559326 | ⊗ | Bracket, Clamp, T-Point | 4 |
| 11 | 3560946 | | Foot, Rubber, 1.00 x .59 Lg | 4 |
| 12 | ----- | | MSCR, PNH, SS, 10-32 x 1/2 | 4 |
| 13 | 3559327 | ⊗ | Bracket, Hold Down, T-Point | 2 |
| 14 | 4015914 | | Switch, 3PDT, .25 Spade | 2 |
| 15 | ----- | | Bolt, CRG, SS, 1/4-20 x 3/4 | 3 |
| 16 | ----- | | Nut, Hex, Keps, SS, 1/4-20 | 3 |
| 17 | ----- | | MSCR, PNH, SS, M5 x 6 | 4 |
| 18 | 3559723 | | Enclosure, Switch/LED | 1 |
| 19 | 3559728 | | Cap, Remote Attach, PG21 | 2 |
| 20 | 1917572 | | Conn, Str-Rif, .20-.27, 1/4 NPT | 1 |
| 21 | ----- | | MSCR, PNH, SS, 10-32 x 3/16 | 2 |
| 22 | 8518294 | | Pulsator Assy, Twin, High-Flow | 1 |
| 23 | 1402302 | | Nipple, Galv, 1/2 x 3 LG | 1 |
| 24 | 8513814 | | Nut, Lock, Conduit, 1/2 NPT | 2 |
| 25 | 4017211 | | Bushing, Snap, Nylon, SB-1000-12 | 1 |
| 26 | 3560948 | | Label, T-Pnt/V-Pnt, Pulsator | 1 |
| 27 | 3559724 | | Connector, Splice, 22-18 AWG | 4 |
| 28 | 8504215 | | Conn, Elbow, Push-in, 5/32 | 1 |
| 29 | 8507090 | | Conn, Push, Tee, 5/32 | 1 |
| 30 | 3557453 | | Termination Resistor | 3 |
| 31 | 3560966 | | Cable Assy, Demo TP/SC, SC Power | 1 |
| 32 | 3560964 | | Cable Assy, Demo TP/SC, Pul-Swch | 1 |
| 33 | 3560963 | | Cable Assy, Demo TP/SC, Comm 18" | 1 |
| 34 | 3560962 | | Cable Assy, Demo TP/SC, Comm 40" | 1 |
| 35 | 3560961 | | Cable Assy, demo TP/SC, TP Power | 1 |
| 36 | 3560965 | n/s | Cable Assy, demo TP/SC, SC-Switch | 1 |
| 37 | 4016780 | | Trim, Seal, Flexible, 1/32 | a/r |
| 38 | 3551460 | n/s | Adhesive, Loctite, No .242, 34oz | - |
| 39 | 3559090 | n/s | Cord, Power, 115Vac, IEC | 1 |
| 40 | 3555075 | n/s | Cord, Power, European-IEC | 1 |
| 41 | 8518548 | | Block, Terminal, 3-Position | 2 |
| 42 | 3554226 | | Bushing, Snap, Nylon, SB-750-10 | 1 |
| 43 | 3561346 | n/s | Cable Assy, V-Pnt, LED/SW 31" | 1 |
| 44 | 322641YW | ⊗ | Hose, Nyl, Yel, 5/32 OD x 500 | a/r |
| 45 | 3559203 | | Conn, Term Block, 4-Pin, 5mm | 1 |
| 46 | 3559205 | | Conn, Term Block, 6-Pin, 5mm | 1 |
| 47 | ----- | | MSCR, PNH, SS, 6-32 x 7/8 | 4 |
| 48 | 1916625 | | Connector, Pin, ferrule, 16 Ga | 3 |
| 49 | ----- | | Nut, Lock, Elas, SS, 6-32 | 4 |

Notes:

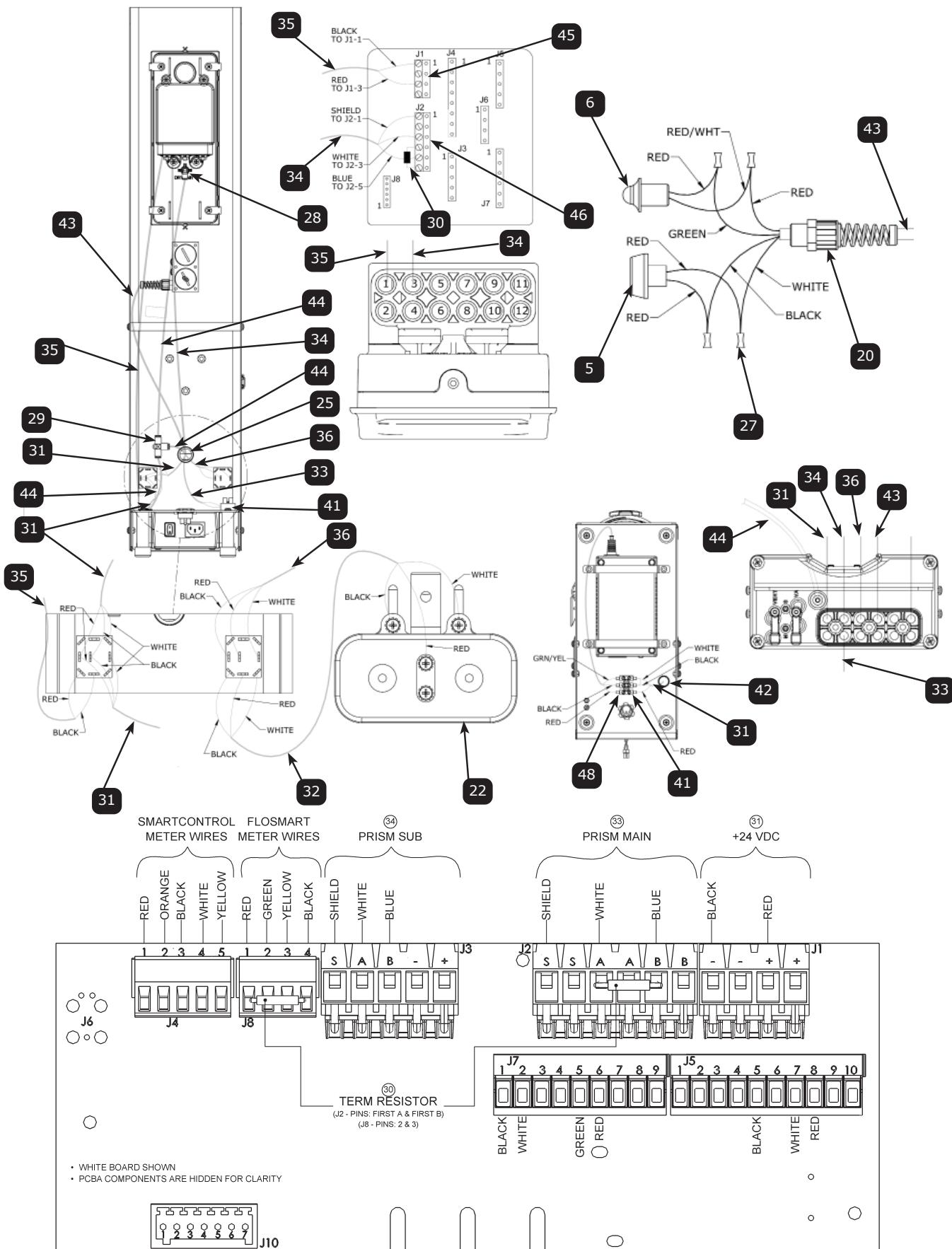
1. Refer to SmartControl Meter Assembly, Right & Left, Vac Shutoff page for parts breakdown.
2. Refer to FloSmart Meter Assembly, Right & Left, Air & Vac Shutoff page for parts breakdown.
3. Refer to Back Cover Assembly, TouchPoint page for part breakdown.

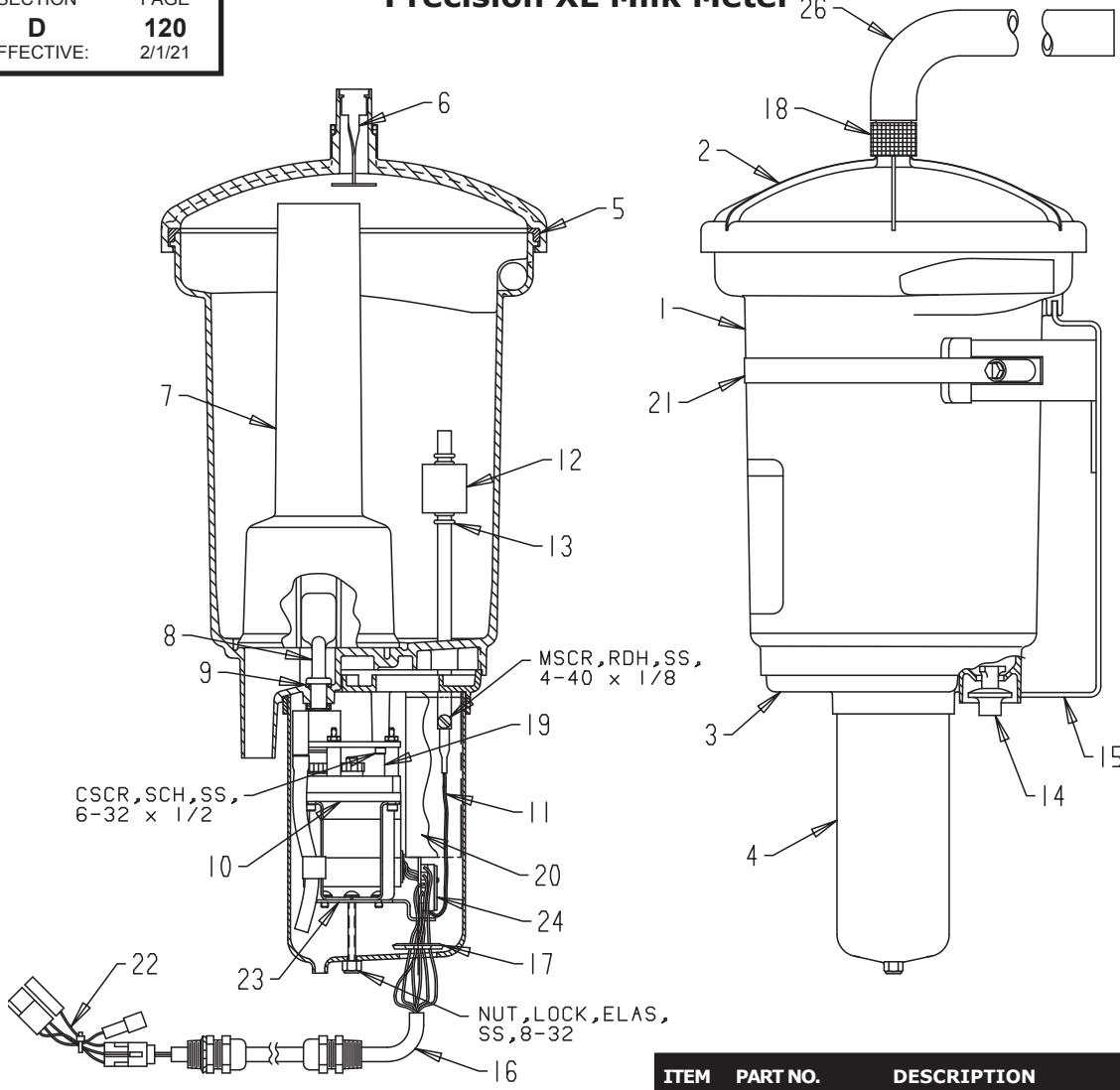
**SmartControl & FloSmart Meter Demo
Assembly, TouchPoint & ViewPoint**



SmartControl & FloSmart Meter Demo Assembly, TouchPoint & ViewPoint

SECTION PAGE
D 119
EFFECTIVE: 3/29/21

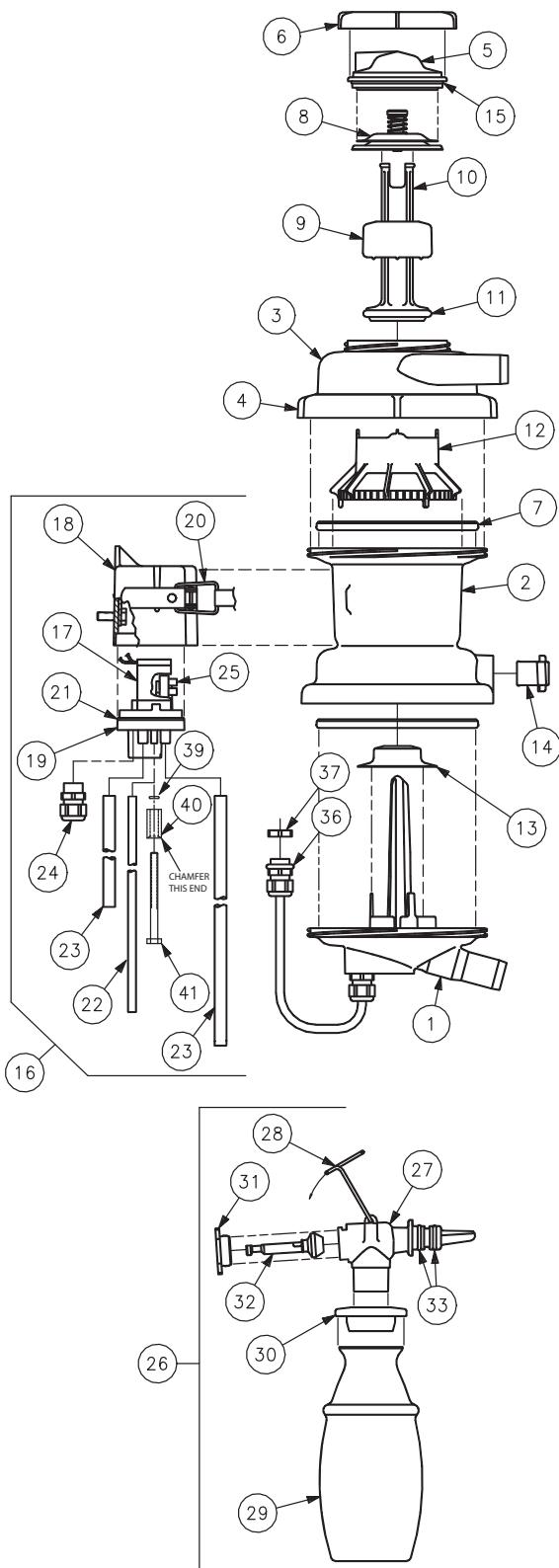


Precision XL Milk Meter

| ITEM | PART NO. | DESCRIPTION | QTY REQ |
|---------|----------|--|---------|
| 3555761 | ⊗ | Meter Assy, Prec XL, w/Cable | - |
| 1 | 3556387 | ⊗ Kit, Repl, Prec XL, Housing (Coated) | 1 |
| | 3555793 | ⊗ Kit, Repl, Prec XL, Housing | 1 |
| 2 | 3554746 | ⊗ Cover, Milk Meter, M+ | 1 |
| 3 | 3555756 | ⊗ Motor Mtg, Milk Meter | 1 |
| 4 | 3555757 | ⊗ Cover, Motor, Milk Meter | 1 |
| 5 | 3555599 | Gasket, Meter, Milk | 1 |
| 6 | 3555843 | ⊗ Spray Assy, Milk Meter | 1 |
| 7 | 3554590 | Rotor, Meter | 1 |
| 8 | 3552501 | Spade, Drive, Milk Meter | 1 |
| 9 | 3552515 | O-ring, .426 x .070 | 1 |
| 10 | 3555965 | ⊗ Kit, Motor Assy | 1 |
| 11 | 3555830 | ⊗ Switch Assy, Reed, Comm | 1 |
| 12 | 3552525 | Float Assy, w/Magnets | 1 |
| 13 | 3552528 | ⊗ Pin, Hair Clip | 2 |
| 14 | 3554788 | Valve, Check | 1 |
| 15 | 3555806 | ⊗ Bracket Assy, M+ Meter -MS | 1 |
| 16 | 3555829 | ⊗ Cable Assy, Milk Meter | 1 |
| 17 | 1917551 | Connector, Dome, Nut, 1/2 NPT | 1 |
| 18 | 3554955 | ⊗ Screen, Nipple, M+ Milk Meter | 1 |
| 19 | 3555964 | ⊗ Kit, Gearbox Assy | 1 |
| 20 | 3655780 | ⊗ PWB, Step Mtr, Potted | 1 |
| 21 | 3555802 | ⊗ Clamp, Hose, SS, w/Sleeve-7.00-MS | 1 |
| 22 | 3555781 | ⊗ Cable Assy, Pwr Adptr, Milk Mtr | 1 |
| 23 | 3555779 | ⊗ Bracket Assy, Milk Meter Motor | 1 |
| 24 | 3555835 | Plate, Cover, PWB, Milk Meter | 1 |
| 25 | 3555803 | ⊗ Kit, Meter Stabilizer (Parts on page D-114) | 1 |
| 26 | 3555470 | Hose, Rbr, .62 x 18.00, Frmd | 1 |

Perfection Milk Meter Assemblies Butterfat Sampler

SECTION D PAGE 121
EFFECTIVE: 10/6/23



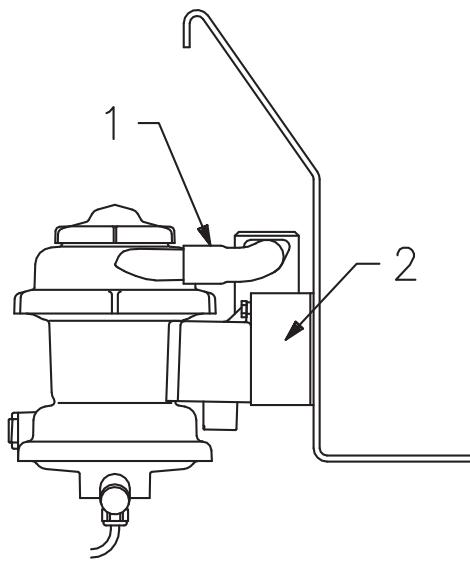
| ITEM | PART NO. | DESCRIPTION | QTY REQ |
|------|----------------------|--|---------|
| | 3555726 | Meter Assy, RH, Perfection | 726 |
| | 3556365 | Meter Assy, LH, Perfection | 365 |
| 1 | 3557680 | Outlet Assy, Meter, Service (Includes item 36 & 37) | 1 1 |
| | 3558387 | Outlet Assy, Meter, Service (Includes item 36 & 37) | 1 1 |
| 2 | 3555861 | Body, Meter | 1 1 |
| 3 | 3555850 | Inlet, RH, Meter | 1 - |
| | 3556361 | n/s Inlet, LH, Meter | - 1 |
| 4 | 3556366 | Ring, Inlet, Meter | 1 1 |
| 5 | 3556190 | Cap, Diaphragm, w/o Ring Groove | 1 1 |
| 6 | 3555854 | Ring, Cap, Meter | 1 1 |
| 7 | 3555852 | Gasket, Meter | 2 2 |
| 8 | 3556697 | Diaphragm Assy, Meter, Repl | 1 1 |
| 9 | 3556418 | Float Assy, Calibrated | 1 1 |
| 10 | 3556231 | Plunger, Meter | 1 1 |
| 11 | 3555610 | ⊗ O-ring, 1.475 x .210 | 1 1 |
| | 3556698 | ⊗ Baffle, Meter, Repl | 1 1 |
| 12 | 3556229 | Baffle, Meter (replaces 3556698) | 1 1 |
| 13 | 3556232 | Deflector, Meter | 1 1 |
| 14 | 3556266 | Plug, Sampler | 1 1 |
| 15 | 3556392 | O-ring, 2.489 x .070 | 1 1 |
| 16 | 3556699 | ⊗ Manifold/Mtg Assy, Meter, Repl (Includes 1 of item 17 thru 25) | 1 1 |
| 17 | 3556275 | Valve, Solenoid, Meter | 1 1 |
| 18 | 3557228 | Housing Assy, Mtg, Meter (Includes item 20 & hardware) | 1 1 |
| 19 | 3557229 | Manifold Assy, Meter (Includes item 17, 21, 25 & hardware) | 1 1 |
| 20 | 3556367 | Latch Assy, Meter | 1 1 |
| 21 | 3555735 | O-ring, 3.000 x .070 | 1 1 |
| 22 | 3556371 | Hose, Silicone, .125 x .06 Wall | a/r a/r |
| 23 | 3556372 | Hose, Silicone, .125 x .09 Wall | a/r a/r |
| 24 | 1917502 | Conn, Str-Rif., 19-.30, Pg 9 | 2 2 |
| 25 | 1917628 | Connector Term Strip, 6-Poz | 1 1 |
| 26 | 3556377 ¹ | Sampler Assy, Butterfat (Includes items 27 thru 33) | 1 1 |
| 27 | 3556332 | Body, Sampler | 1 1 |
| 28 | 3555731 | Bail, Sampler | 1 1 |
| 29 | 3556113 | Jar, Sampler | 1 1 |
| 30 | 3555729 | Cover, Adapter, Sampler | 1 1 |
| 31 | 3555728 | ⊗ Guide, Plunger, Sampler | 1 1 |
| | 3556897 ² | Guide, Plunger, Sampler | 1 1 |
| 32 | 3555727 | ⊗ Plunger, Valve, Sampler | 1 1 |
| | 3556896 ² | Plunger Valve, Sampler | 1 1 |
| 33 | 4014998 | O-ring, .549 x .103 | 2 2 |
| 34 | 3556621 | Kit, Service, Perf, Milk Meter (Includes items 7, 8, 11, 14, 15) | a/r a/r |
| 35 | 3556622 | Kit, Service, Perf, Milk Meter Sampler (includes items 30 thru 33, also 39) | a/r a/r |
| 36 | 4014034 | O-Ring, .609 x .139, Buna-N | 1 1 |
| 37 | 1917561 | Connector, Dome, Nut, PG-9 | 1 1 |
| 38 | 3557215 | n/s Wrench, Perfection, Meter | 1 1 |
| 39 | 3555734 | O-ring, .208 x .070 | 1 1 |
| 40 | 3557233 | Spacer, PVC, 1.00 | 1 1 |
| 41 | 1091017 | Capscrew, Hexhead, SS, 1/4-30 x 3.0 | 1 1 |
| 42 | ----- | Literature 9ES-764 (Installation Instructions, Pref. Mtr & Cntrl) | ref ref |
| 43 | ----- | Literature 9ES-713 (User Instructions, Sampler) | ref ref |
| 44 | ----- | Literature 9E-866 (User Instructions, Outlet) | ref ref |

Note:

1. Sampler not included with meter assemblies.

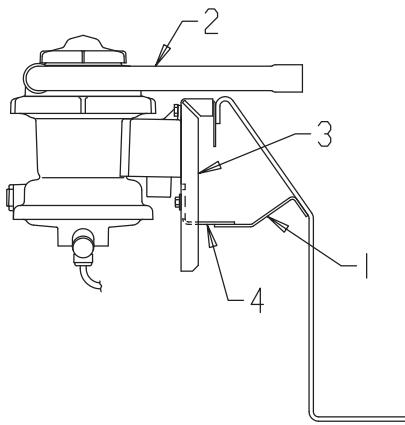
2. Items 31 & 32 must be replaced as a set if existing valve has "D" shaped shaft.

Meter Mounting Kit, Wall



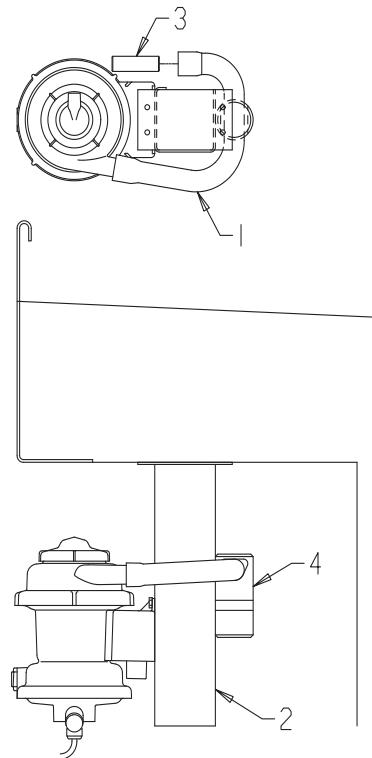
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|------------------------------------|-----------------------------------|
| | 3556570 | Kit, Meter, Mtg, Wall, Perf | - |
| 1 | 3556147 | Hose, Rbr, .62/.75 x 12.00 | 1 |
| 2 | 3556456 | Bracket, Mtg, Perf Meter | 1 |

Meter Mounting Kit, Curb



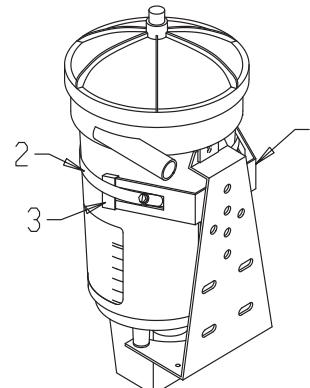
| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------------|------------------------------------|---------------------------|
| | 3556571 | Kit, Meter, Mtg, Curb, Perf | - |
| 1 | 3553806 | Bracket, Mtg | 1 |
| 2 | 3556147 | Hose, Rbr, .62/.75 x 12.00 | 1 |
| 3 | 3556500 | Bracket Assy, Meter, Curb Mtg | 1 |
| 4 | 3556502 | Bracket, Support | 1 |

Meter Mounting Kit, Recessed



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|---|-----------------------------------|
| | 3556780 | Kit, Meter Mtg, Recessed | 780 |
| | 3556538 | Kit, Meter Mtg, Recessed, Perf | 538 |
| 1 | 3556147 | Hose, Rbr, .62/.75 x 12.00 | 1 1 |
| 2 | 3556453 | Bracket Assy, Mtg, Perf Meter | 1 1 |
| 3 | 3553772 | Tube, SS, .750 x .049 x 2.50 | 1 1 |
| | 8516295 | Tube, SS, .875 x .065 x 4.05, #4 | or 1 or 1 |
| 4 | 3554280 | Valve Assy, Pinchoff (Parts on page D-60) | - 1 |

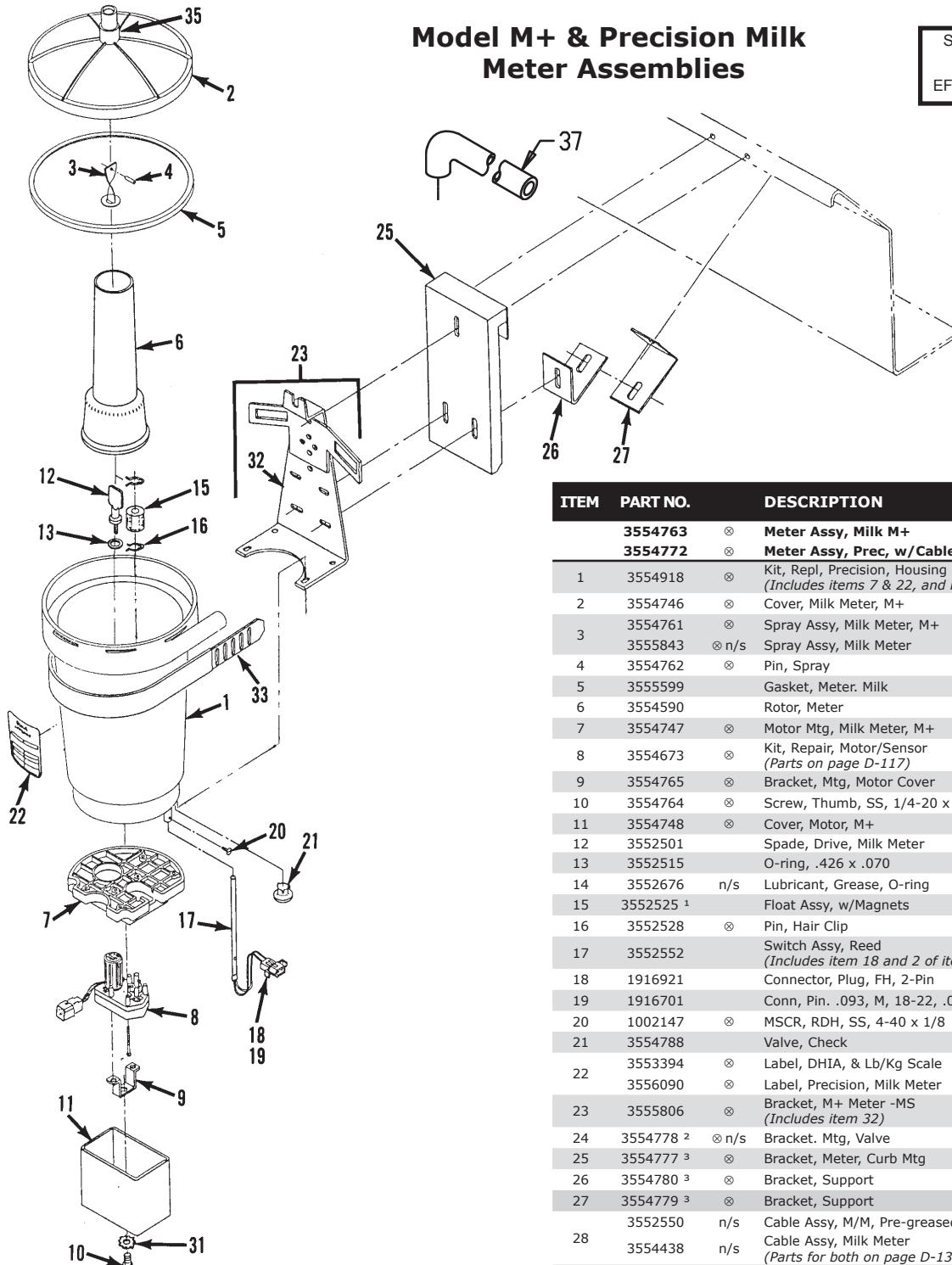
Meter Stabilizer Kit



| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------------|--|---------------------------|
| | 3555803 | Kit, Meter Stabilizer | - |
| 1 | 3555796 | Bracket, Milk Meter, -MS | 1 |
| 2 | 3555802 | Clamp, Hose, SS, w/Sleeve-7.00-MS | 1 |
| 3 | 3555957 | Plug, Ext, Plstc, .06 x 1.15 | 2 |
| 4 | - - - | Literature 9P-647 (Installation instructions) | a/r |

Model M+ & Precision Milk Meter Assemblies

| | |
|------------------------|--------------------|
| SECTION D | PAGE 123 |
| EFFECTIVE: 11/15/99 | |

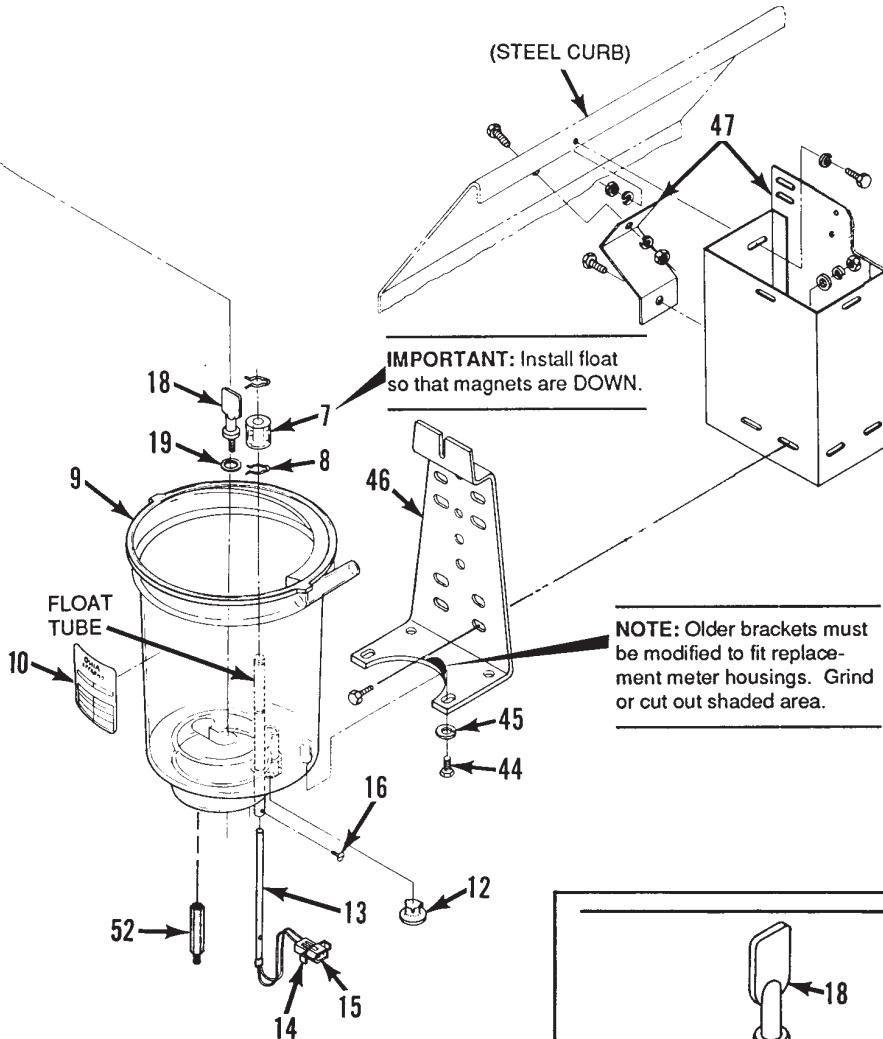
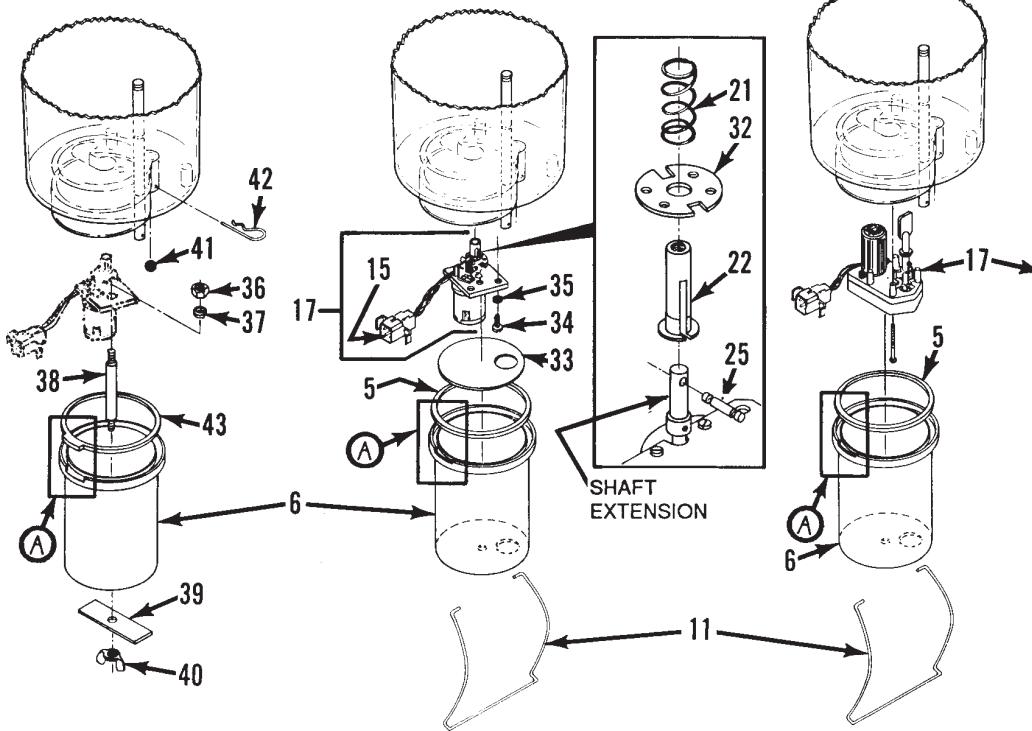
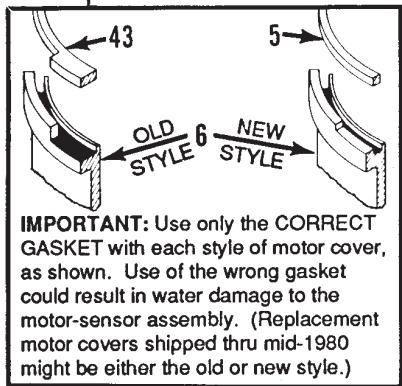
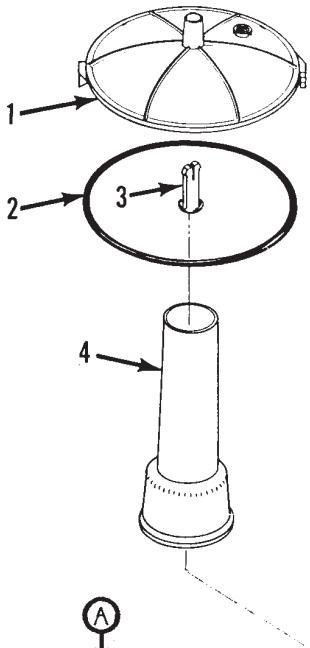


| ITEM | PART NO. | DESCRIPTION | QTY | REQ |
|------|----------------|---|-----|-----|
| | 3554763 | Meter Assy, Milk M+ | | |
| | 3554772 | Meter Assy, Prec, w/Cable | | |
| 1 | 3554918 | Kit, Repl, Precision, Housing (Includes items 7 & 22, and Float Tube) | 1 | 1 |
| 2 | 3554746 | Cover, Milk Meter, M+ | 1 | 1 |
| 3 | 3554761 | Spray Assy, Milk Meter, M+ | 1 | - |
| 5 | 3555843 | Spray Assy, Milk Meter | - | 1 |
| 4 | 3554762 | Pin, Spray | 1 | - |
| 5 | 3555599 | Gasket, Meter, Milk | 1 | 1 |
| 6 | 3554590 | Rotor, Meter | 1 | 1 |
| 7 | 3554747 | Motor Mtg, Milk Meter, M+ | 1 | 1 |
| 8 | 3554673 | Kit, Repair, Motor/Sensor (Parts on page D-117) | 1 | 1 |
| 9 | 3554765 | Bracket, Mtg, Motor Cover | 1 | 1 |
| 10 | 3554764 | Screw, Thumb, SS, 1/4-20 x 1/2 | 1 | 1 |
| 11 | 3554748 | Cover, Motor, M+ | 1 | 1 |
| 12 | 3552501 | Spade, Drive, Milk Meter | 1 | 1 |
| 13 | 3552515 | O-ring, .426 x .070 | 1 | 1 |
| 14 | 3552676 | Lubricant, Grease, O-ring | 1 | 1 |
| 15 | 3552525 | Float Assy, w/Magnets | 1 | 1 |
| 16 | 3552528 | Pin, Hair Clip | 2 | 2 |
| 17 | 3552552 | Switch Assy, Reed (Includes item 18 and 2 of item 19) | 1 | 1 |
| 18 | 1916921 | Connector, Plug, FH, 2-Pin | 1 | 1 |
| 19 | 1916701 | Conn, Pin, .093, M, 18-22, .06/.12 | 2 | 2 |
| 20 | 1002147 | MSCR, RDH, SS, 4-40 x 1/8 | 1 | 1 |
| 21 | 3554788 | Valve, Check | 1 | 1 |
| 22 | 3553394 | Label, DHIA, & Lb/Kg Scale | 1 | - |
| 22 | 3556090 | Label, Precision, Milk Meter | - | 1 |
| 23 | 3555806 | Bracket, M+ Meter -MS (Includes item 32) | - | 1 |
| 24 | 3554778 | Bracket, Mtg, Valve | 1 | 1 |
| 25 | 3554777 | Bracket, Meter, Curb Mtg | 1 | 1 |
| 26 | 3554780 | Bracket, Support | 1 | 1 |
| 27 | 3554779 | Bracket, Support | 1 | 1 |
| 28 | 3552550 | Cable Assy, M/M, Pre-greased | 1 | - |
| 28 | 3554438 | Cable Assy, Milk Meter (Parts for both on page D-130) | - | 1 |
| 29 | 3554913 | Kit, Repair, Prec, Major Tune-up (Include 1 each of items 5, 8 & 21) | 1 | 1 |
| 30 | 3554914 | Kit, Repair, Prec, Minor Tune-up (Includes 1 each of items 5, 12, 13, 14, 21 and Motor.) | 1 | 1 |
| 31 | 1249386 | Washer, Lock, Ext-T, SS, 1/4 | - | 1 |
| 32 | 3554767 | Brackey, Milk Meter, M+ | 1 | 1 |
| 33 | 3555802 | Clamp, Hose, SS, w/Sleeve, -7.00 -MS | - | 1 |
| 34 | 3556550 | Kit, Meter Hsg, M to M+ (Includes item 1-3, 5, 9-11, 20, 32-33 & 35) | a/r | a/r |
| 35 | 3554955 | Screen, Nipple, M+ Milk Meter | 1 | 1 |
| 36 | 3555803 | Kit, Meter Stabilizer (Parts on page D-114) | 1 | 1 |
| 37 | 3555470 | Hose, Rbr, .62 x 18.00, Frmd | 1 | 1 |
| 38 | 3556252 | Kit, Repair, Precision Motor (Includes 10 each of items 5, 12-13 & 21.) | a/r | a/r |
| 39 | 3555051 | Kit, Repair, M/M, 1 YR, 8 Unit (Includes 8 each of items 5, 12-13 & 21) | a/r | a/r |

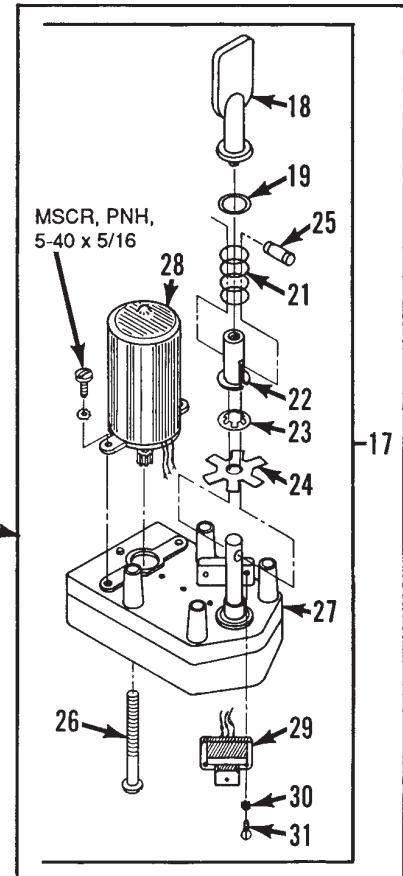
Note:

1. Install Float with magnets DOWN.
2. Used ONLY with Shutoff Valve
3. Not supplied with Meter Assemblies 3554763 and 3554722.

Model M Milk Meter Assembly Milk Meter w/Cable



NOTE: Older brackets must be modified to fit replacement meter housings. Grind or cut out shaded area.



-17

Model M Milk Meter Assembly

Milk Meter w/Cable

| | |
|------------------------|--------------------|
| SECTION D | PAGE 125 |
| EFFECTIVE: 10/15/04 | |

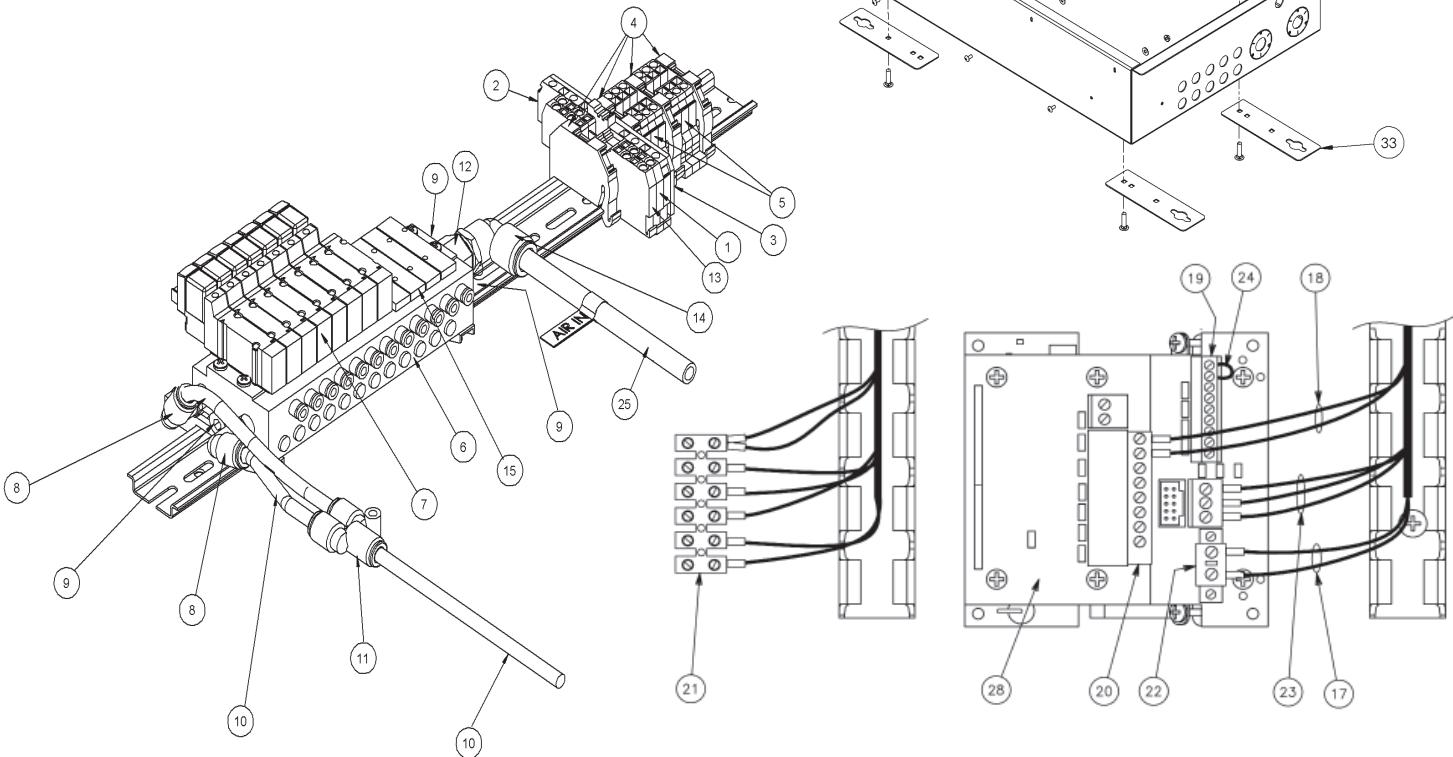
| ITEM | PART NO. | ⊖ OBSCURE N/S=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------------------|-------------------------------|--|-----------------------------------|-----|
| | 3552500 | ⊖ | Meter Assy, Milk | 2500 | |
| | 3554373 | ⊖ | Meter Assy, Milk, w/Cable | 4373 | |
| — | 3552614 | ⊖ n/s | Kit, Repair, M/M, 1 Yr/8 Unit (Includes item 20 and 8 each of items 2, 19 & 12 [3554788]) | a/r | a/r |
| 1 | 3552511 | ⊖ | Cover Assy, Milk Meter | 1 | 1 |
| 2 | 3552516 | ⊖ | O-ring, .7475 x .210, Buna-N | 1 | 1 |
| 3 | 3552512 | ⊖ | Nozzel, Spray | 1 | 1 |
| 4 | 3554590 | | Rotor, Meter | 1 | 1 |
| 5 | 3552571 ¹ | ⊖ | Gasket, Motor Cover | 1 | 1 |
| 6 | 3552508 ¹ | ⊖ | Cover, Motor | 1 | 1 |
| 7 | 3552525 | | Float Assy, w/Magnets | 1 | 1 |
| 8 | 3552528 | ⊖ | Pin, Hair Clip | 2 | 2 |
| 9 | 3556550 | ⊖ | Kit, Meter Hsg, M to M+ | 1 | 1 |
| 10 | 3553394 | ⊖ | Label, DHIA & Lb/Kg Scale | 1 | 1 |
| 11 | 3552607 | ⊖ | Bail, Milk-Meter | 1 | 1 |
| 12 | 3552570 | | Valve, Check | 1 | 1 |
| | 3554788 | | Valve, Check | 1 | 1 |
| 13 | 3552552 | | Switch Assy, Reed (Includes item 14 and 2 of item 15) | 1 | 1 |
| 14 | 1916921 | | Connector, Plug, FH, 2-Pin | 1 | 1 |
| 15 | 1916701 | | Conn, Pin, .093, M, 18-22, .06/.12 | 6 | 6 |
| 16 | 1002148 | ⊖ | MSCR, RDH, SS, 4-40 x 3/16 | 1 | 1 |
| 17 | 3554673 | ⊖ | Kit, Repair, Motor/Sensor (Includes items 18,19,21,22,23,24,25) | 1 | 1 |
| 18 | 3552501 | | Spade, Drive, Milk Meter | 1 | 1 |
| 19 | 3552515 ² | | O-ring, 0.426 x .070 | 1 | 1 |
| 20 | 3552676 | n/s | Lubricant, Grease, O-ring, 8 oz | 1 | 1 |
| | 3554912 | ⊖ n/s | Lubricant, Grease, O-ring, 1-1/2 oz | 1 | 1 |
| 21 | 3552517 | | Spring, Compr., .480-.038 .88 | 1 | 1 |
| 22 | 3552216 | | Coupling, M/Meter Motor | 1 | 1 |
| 23 | 3552694 | | Ring, Retaining, Circ, Ext, 1/4 In | 1 | 1 |
| 24 | 3551465 | | Shutter, Sensor | 1 | 1 |
| 25 | 3552590 | | Pin, MM Motor, Spring | 1 | 1 |
| 26 | 1096173 | | MSCR, PNH, SS, 6-32 x 1-3/4 | 4 | 4 |
| 27 | 3554676 | ⊖ | Gearbox Assy, Milk-Meter (Includes items 18 thru 26) | 1 | 1 |
| 28 | 3551487 | ⊖ | Kit, Repl, Motor, Milk Meter | 1 | 1 |
| 29 | 3551484 | ⊖ | Sensor Assy, M/Meter Motor | 1 | 1 |
| 30 | 1249397 | | Washer, Lock, Ext-T, SS, #4 | 2 | 2 |
| 31 | 1097150 | ⊖ | MSCR, PNH, SS, 4-40 x 5/16 | 2 | 2 |
| 32 | 3552587 ³ | ⊖ | Shutter, Sensor | 1 | 1 |
| 33 | 3552609 ⁴ | ⊖ | Baffle, Motor Cover, SS | 1 | 1 |
| 34 | 1096165 ⁵ | | MSCR, PNH, SS, 6-32 x 1/2 | 4 | 4 |
| 35 | 1235382 ⁵ | | Washer, Lock, Intl-T, SS, #6 | 4 | 4 |
| 36 | 1204380 ⁶ | | Nut, Hex, Mscr, SS, 10-32 | 1 | 1 |
| 37 | 1209384 ⁶ | | Wsh, Lock, Hlcl Spr, SS, #10 | 1 | 1 |
| 38 | 3552524 ⁶ | ⊖ | Stud, SS, Dbl-End, 10-32 | 1 | 1 |
| 39 | 3552608 ⁶ | ⊖ | Plate, Support | 1 | 1 |
| 40 | 1206380 ⁶ | ⊖ | Nut, Wing, SS, 10-32 | 1 | 1 |
| 41 | 3552521 ⁶ | ⊖ | Ball, Check | 1 | 1 |
| 42 | 3552520 ⁶ | ⊖ | Pin, Hair, SS, .094 x 2-5/16 x 5/8 EYE | 1 | 1 |
| 43 | 3552580 ⁷ | ⊖ | Gasket, Motor Cover | 1 | 1 |
| 44 | 1091006 | | CSCR, HXH, SS, 1/4-20 x 1/2 | 2 | 2 |
| 45 | 1209386 | | Wsh, Lock, Hlcl Spr, SS, 1/4 | 2 | 2 |
| 46 | 3552513 ⁸ | ⊖ | Bracket, Milk-Meter | 1 | 1 |
| 47 | 3553075 ⁸ | ⊖ | Bracket Assy, Steel Curb Mtg (Includes mounting hardware) | 1 | 1 |
| 48 | 3552613 ⁸ | n/s | Lubricant, M/M Water Test | a/r | a/r |
| 49 | 3552277 ⁸ | ⊖ n/s | Orifice, Test | a/r | a/r |
| 50 | 3552279 ⁸ | ⊖ n/s | Flask, Erlenmeyer 4000 ML | a/r | a/r |
| 51 | - - - ⁸ | | Literature 9P-341 ("Milk Meter Accuracy Test") | ref | ref |
| 52 | 3553436 ⁹ | ⊖ | Standoff, Hex, Brs, 6-32 x 1.00 | 4 | 4 |
| 53 | 3552550 | n/s | Cable Assy, M/M, Pre-greased | - | 1 |

Note:

1. Replacement motor covers shipped thru mid-1980 might be either old or new style. For correct gasket usage, see detail A.
2. When replacing O-ring, apply thin film of lubricant (item 20) to O-ring and underside of spade drive.
3. Used only on assemblies with photo cell sensor. All later assemblies use item 24.
4. Not required in later assemblies.
5. Used only in assemblies using earlier motor assemblies.
6. All meters using these items have been retrofitted with later items.
7. See detail A for proper usage.
8. Not supplied with meter assembly.
9. Required only on later assemblies with short motor mount bosses.

Control Assemblies, ParlorMetrix™

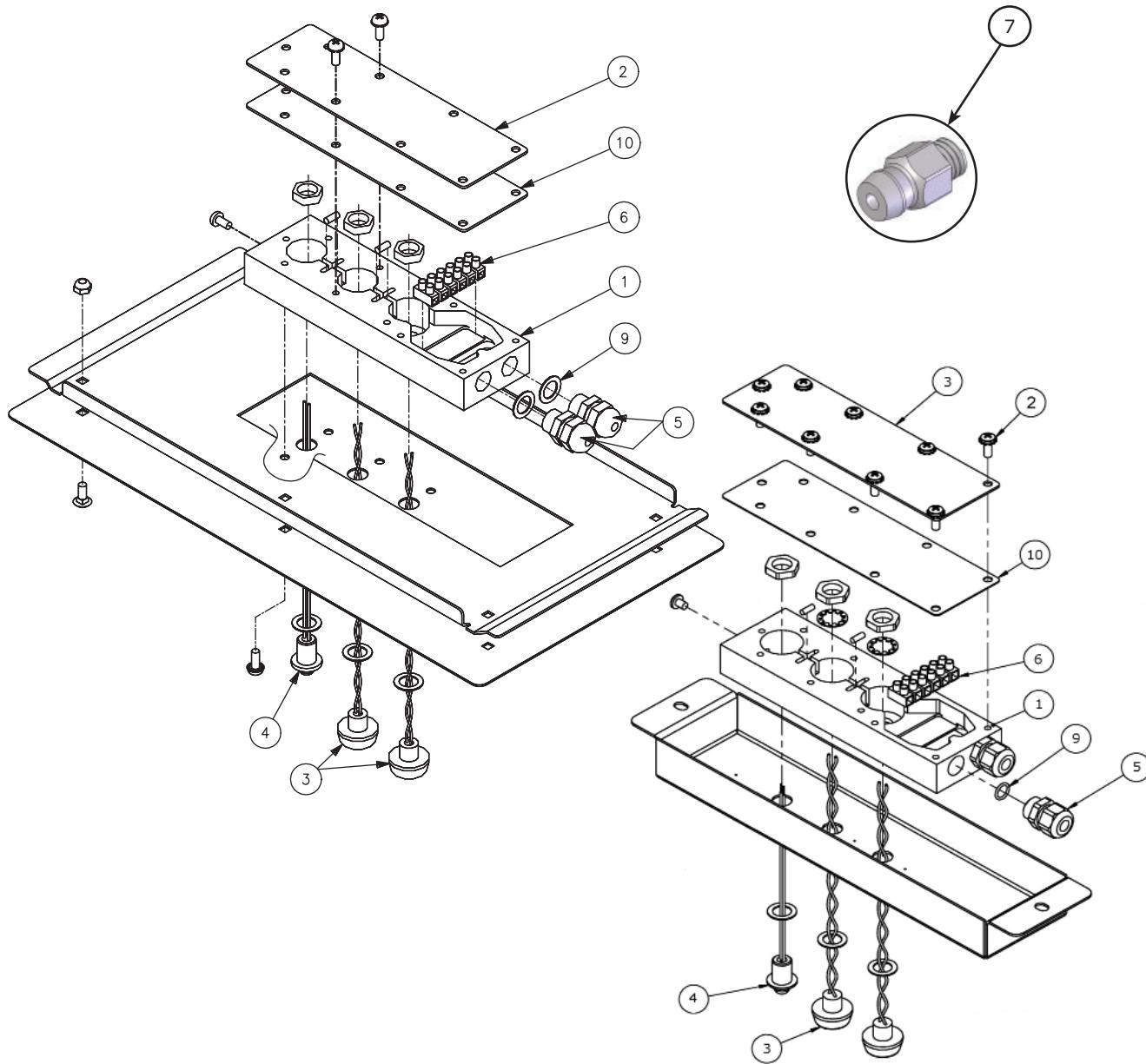
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED | | |
|---------|----------|---|-------------------|-----|-----|
| | | | (a/r=AS REQUIRED) | | |
| 3558331 | | Control,Assy,ParlorMetrix™,8-Stall | 331 | | |
| 3558332 | | Control,Assy,ParlorMetrix™,10-Stall | 332 | | |
| 3558333 | | Control,Assy,ParlorMetrix™,12-Stall | 333 | | |
| 1 | 3558253 | Connector, Pwr, DIN Rail Mtg | 1 | 1 | 1 |
| 2 | 3558272 | Conn, Pwr/w/SW, DIN Rail Mtg | 1 | 1 | 1 |
| 3 | 3558273 | Barrier, Conn, Pwr, DIN Rail Mtg | 1 | 1 | 1 |
| 4 | 3558274 | Bracket, End, Conn, DIN rail Mtg | 4 | 4 | 1 |
| 5 | 3558249 | Connector, Comm, DIN Rail, Mtg | 6 | 6 | 6 |
| 6 | 3558250 | ⊗ Manifold Assy, Valve, 12 Stall | 1 | 1 | 1 |
| | 3558977 | (Shown) Manifold Assy, Valve, 12 Stall | 1 | 1 | 1 |
| | 3558252 | Valve, Manifold Assy (Model - VQ2115Y) | 8 | 10 | 12 |
| 7 | 3558978 | Valve, Manifold Assy (Model - SY3140) | 8 | 10 | 12 |
| 8 | 3554085 | Conn, Swl, Elb, 1/4 OD x 1/8 NPT | 2 | 2 | 2 |
| 9 | 3558982 | Plug, 1/8 NPT, Brass | 3 | 3 | 3 |
| 10 | 8519183 | ⊗ Tube, Nylon .25 x .035 | 3 | 3 | 3 |
| | 3560897 | Hose, Nylon, Natural, 1/4 OD, By Ft | a/r | a/r | a/r |
| 11 | 3558277 | Conn, Push, Union Y, 1/4 | 1 | 1 | 1 |
| 12 | 3558983 | Reducer, 1/8 NPT x 1/4 NPT, Brass | 1 | 1 | 1 |
| 13 | 3558354 | Connector, GND, DIN rail Mtg | 1 | 1 | 1 |
| 14 | 3556891 | Conn, Swl, Elb, 3/8 OD x 1/4 NPT | 1 | 1 | 1 |
| | 3558360 | ⊗ Blanking Plate, Manifold (Model - VVQZ100) | 4 | 2 | - |
| 15 | 3558979 | Blanking Plate, Manifold (Model - SY3000) | 4 | 2 | - |
| 16 | 3558746 | Gasket, Cover, Control Box | 1 | 1 | 1 |
| 17 | 3558243 | Wire Harness, Power | 1 | 1 | 1 |
| 18 | 3558244 | ⊗ Wire Harness, Solenoid Valves (3558252) | 1 | 1 | 1 |
| | 3558981 | Wire Harness, Solenoid Valves (3558978) | 1 | 1 | 1 |
| 19 | 1916869 | Connector, Plug, VT, 9P x .15 | 8 | 10 | 12 |
| 20 | 1916868 | Connector, Plug, RA, 9P x .15 | 8 | 10 | 12 |
| 21 | 1917628 | Connector, Term Strip, 6-Pos | 4 | 2 | - |
| 22 | 1916867 | Connector, Plug, VT, 2P x .300 | 8 | 10 | 12 |
| 23 | 3558556 | Wire Harness, Communications | 1 | 1 | 1 |
| 24 | 1996603 | Wire Strd, 16 AWG, Yellow | .66 | .83 | 1 |
| 25 | 3558984 | Hose, Nyl, Nat, 3/8 x 1000 FT | a/r | a/r | a/r |
| 26 | 3558246 | n/s SCover, Duct, 2 x 3 x 72 Long | .67 | .67 | .67 |
| 27 | 3558270 | n/s Cover, Duct, 2 x 3 x 72 Long | 34 | .34 | .34 |
| 28 | 3558601 | Electronic Assy, 5600 | a/r | a/r | a/r |
| 29 | 8501363 | Keeper, Latch | 3 | 3 | 3 |
| 30 | 1206380 | Nut, Wing, SS, 10-32 | 3 | 3 | 3 |
| 31 | 1208384 | Washer, Plain, SS, #10 | 3 | 3 | 3 |
| 32 | 1096228 | MSCR, PNH, SS, 10-32 x 2 1/2 | 3 | 3 | 3 |
| 33 | 3558735 | Bracket, MTG, Control Box | 4 | 4 | 4 |
| 34 | ----- | Literature 9E-863 (Enclosure Installation, Operation & Maintenance) | ref | ref | ref |
| 35 | ----- | Literature 9E-862 (Detacher Cntrl Installation, Operation & Maintenance) | ref | ref | ref |



ParlorMetrix Kits

 SECTION D PAGE 127
 EFFECTIVE: 1/24/06

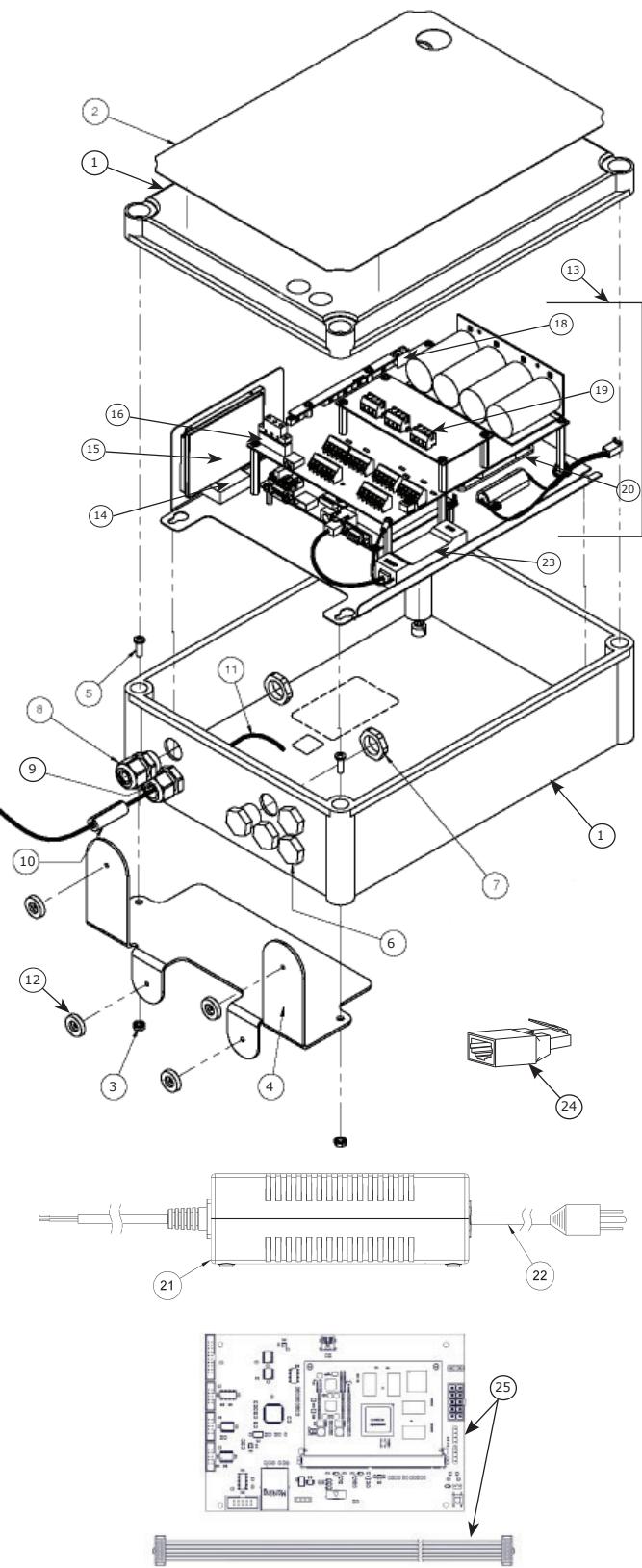
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (s/r = AS REQUIRED) |
|------|----------|---|-------------------------------------|
| - | 3558638 | Kit, ParlorMetrix, 2 x 6 | 38 |
| - | 3558639 | Kit, ParlorMetrix, 2 x 8 | 39 |
| - | 3558640 | Kit, ParlorMetrix, 2 x 10 | 40 |
| - | 3558641 | Kit, ParlorMetrix, 2 x 12 | 41 |
| - | 3558642 | Kit, ParlorMetrix, 2 x 14 | 42 |
| - | 3558643 | Kit, ParlorMetrix, 2 x 15 | 43 |
| - | 3558644 | Kit, ParlorMetrix, 2 x 16 | 44 |
| - | 3558645 | Kit, ParlorMetrix, 2 x 18 | 45 |
| - | 3558646 | Kit, ParlorMetrix, 2 x 20 | 46 |
| - | 3558647 | Kit, ParlorMetrix, 2 x 22 | 47 |
| - | 3558648 | Kit, ParlorMetrix, 2 x 24 | 48 |
| - | 3558649 | Kit, ParlorMetrix, 2 x 25 | 49 |
| - | 3558650 | Kit, ParlorMetrix, 2 x 30 | 50 |
| - | 3558651 | Kit, ParlorMetrix, 2 x 32 | 51 |
| - | 3558652 | Kit, ParlorMetrix, 2 x 35 | 52 |
| - | 3558653 | Kit, ParlorMetrix, 2 x 36 | 53 |
| - | 3558654 | Kit, ParlorMetrix, 2 x 40 | 54 |
| - | 3558655 | Kit, ParlorMetrix, 2 x 45 | 55 |
| - | 0091040 | Sftwr, Prism, Utilities 06/05 - Version, Configurator 1.2.18 and ParlorMetrix Graph 1.0.26/08/05 - Version, Configurator 1.2.20 and ParlorMetrix Graph 1.0.27 | 1 |
| - | 3558938 | n/s | 1 |
| - | 3558984 | n/s | 1 |
| - | 3558683 | n/s | 1 |
| - | 3557976 | n/s | 1 |
| - | 3558018 | n/s | 3 |
| - | 3558191 | n/s | 12 |
| - | 3558190 | n/s | 6 |
| - | 3558331 | n/s | 2 |
| - | 3558332 | n/s | - |
| - | 3558333 | n/s | 1 |
| - | 3555241 | n/s | 2 |
| - | 1980311 | n/s | 2 |

Switch Assemblies, ParlorMetrix™ Detacher

| ITEM | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|---------|----------|-----------------------------|--|-----------------------------------|-----|-----|
| | | | | a | r | - |
| 3558191 | | | Switch Assy, ParlorMetrix™ Detacher | - | | |
| 3558592 | X | | Switch Assy, ParlorMetrix™ Detacher (Wide) | - | | |
| 3558615 | X | | Door Assy, ParlorMetrix™ Detacher | - | | |
| 1 | 3558123 | | Enclosure, Switch, LED | 1 | 1 | 1 |
| 2 | 3558124 | | Cover, Enclosure, Switch/LED | 1 | 1 | 1 |
| 3 | 3557988 | | Switch, Door, Detacher, SS | 2 | 2 | 2 |
| 4 | 3558005 | | LED Indicator Assy, Red, 2.5" | 1 | 1 | 1 |
| 5 | 1917503 | | Connector, Strain Relief, .12-.23, PG9 | 2 | 2 | 2 |
| 6 | 1917628 | | Connector Term. Strip, 6-Pin | 1 | 1 | 1 |
| 7 | 3558019 | X n/s | Fitting, Grease, 10-32 | 1 | 1 | 1 |
| | 3562545 | | Fitting, Grease, 10-32 | 1 | 1 | 1 |
| 8 | 3558186 | n/s | Wrench, PG9 | 1 | 1 | 1 |
| 9 | 3557919 | | O-Ring 0.470 x .060, BUNA-N | 2 | 2 | 2 |
| 10 | 3558122 | | Gasket, Cover, Enclosure, SW/LED | 1 | 1 | 1 |
| 11 | ---- | | Literature 9E-861 (Installation, Operation & Maintenance) | ref | ref | ref |

SmartDairy Control Assembly

| | |
|-----------------------|--------------------|
| SECTION D | PAGE 129 |
| EFFECTIVE: 9/26/23 | |

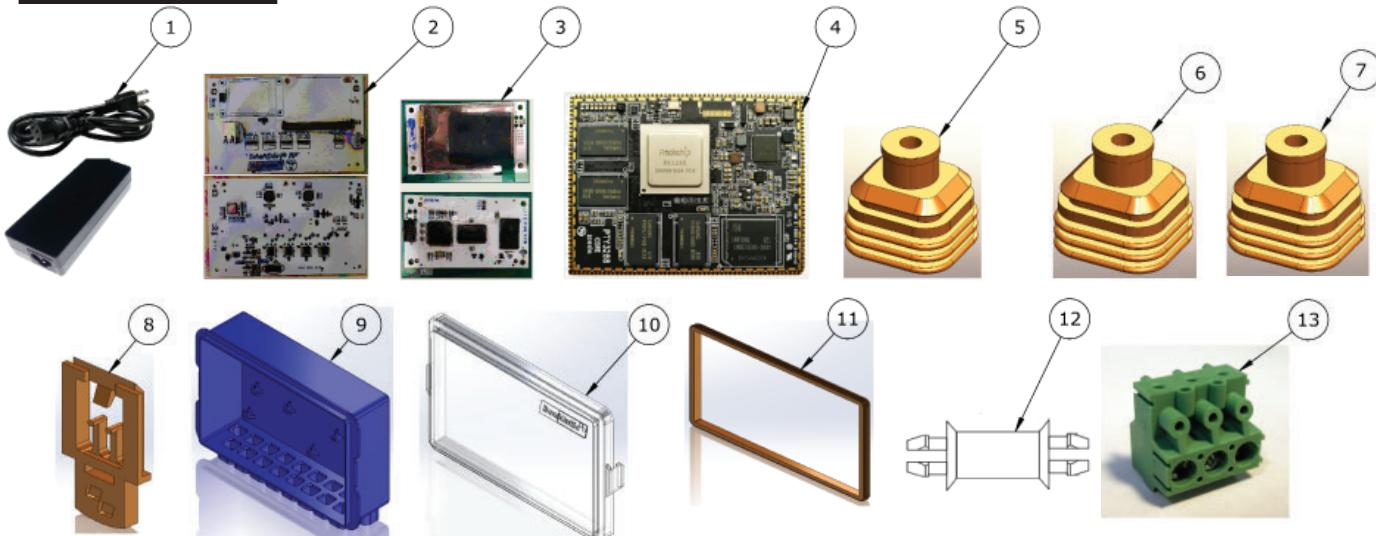


| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY (a/r=As Required) |
|---------|------------------------|-----------------------------|---|-----------------------------|
| 3558911 | ⊗ | ENCLOSURE ASSY,SMARTDAIRY | | |
| 3559091 | ⊗ | ENCLOSURE ASSY,SMARTDAIRY | | |
| 3560511 | | ENCLOSURE ASSY,SMARTDAIRY | | |
| 1 | 3559236 | | ENCLOSURE,SMARTDAIRY | 1 |
| 2 | 3560340 | | Label, Top, SMARTDAIRY | 1 |
| 3 | 1219380 | | Nut, Hex, Keps, SS, 10-32 | 2 |
| 4 | 3558949 | | BRACKET,SMARTDAIRY,DESK MNT | 1 |
| 5 | 1096219 | | MSCR, PNH, SS, 10-32 x 5/8 | 2 |
| 6 | 3559240 | | Plug, Hex Hd, Nyl, 1/2 NPT | 4 |
| 7 | 1917551 | | Connector, Dome, Nut, 1/2 NPT | 6 |
| 8 | 1917533 | | Conn, Str-Rif, .20-.35, 1/2 NPT | 1 |
| 9 | 1917573 | | Conn, Str-Rif, .39-.55, 1/2 NPT | 1 |
| 10 | 8506904 ³ | ⊗ | Hose, Vinyl, .125W, Blk/Wht | a/r |
| | 40163932C | | Tube, Vacuum, Single, 9/32" X 100 Ft | a/r |
| 11 | 3559238 | | Cabel, Ethernet, 10Ft | 1 |
| 12 | 3558951 | | FOOT,BRKT,SMARTDAIRY | 4 |
| 13 | 3559272 | ⊗ | ELEC ASSY,SMARTDAIRY,SERV,G1&2 (Includes items 14 thru 20) | 1 |
| | 3561523 | | ELEC ASSY,SMARTDAIRY,SERV,G3 (Replaces 3559272) | 1 |
| 14 | 3558945 | | Block, Foam, 1.5 x 1.5 x .75 | 1 |
| 15 | 3558914 ² | | HARD DRIVE,SMARTDAIRY,SRV,G1&2 | 1 |
| | 3561531 ² | | HARD DRIVE,SMTDRY,SERV,SATA,G3 | 1 |
| 16 | 1916942 | | Connector, Plug, FH, 3-Pin | 1 |
| 17 | 3557453 | n/s | Termination, Prism | 1 |
| 18 | 1917631 | | Connector, Term Strip, 3-Pos | 1 |
| 19 | 1917632 | | Connector, Term Strip, 4-Pos | 3 |
| 20 | 3558720 | | Fan, 24VDC, Axial, 92MM x 25MM | 1 |
| 21 | 3558985 | | Power Supply, 24 VDC, 4A, Desk | 1 |
| 22 | 3559090 | | Cord, Power, 115VAC, IEC (shown) | 1 |
| or | 3555075 | | Cord, Power, European-IEC | 1 |
| 23 | 3561432 | | Surge Protector | 1 |
| 24 | 3559237 | | Ethernet Cross-Over Adapter | 1 |
| 25 | 3564110 ^{1,4} | | Kit, Repair, SmartDairy, FireFly | 1 |

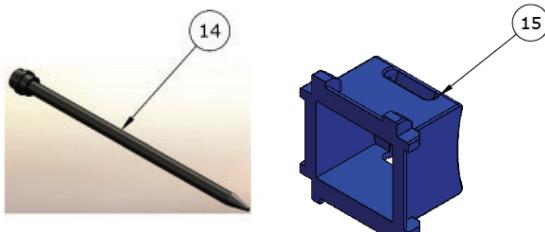
Notes:

1. 3564110 Kit, Repair, SD, FF may be used on all models of SDs. Kit provides a replacement for the CPU board in the SmartDairy Controller.
2. 3564110 Kit, Repair, SD, FF may be used as a replacement.
3. Replaced by 40163932C. Note that this is a 100-foot roll.
4. Installation note: Occasionally, when replacing with a FF SDC, the ISO ID will not communicate properly. When this happens, the "cc" setting on the ISO ID reader will need to be changed. This must be done on the ISO ID reader side, SDC can not adjust "cc" setting remotely. The default setting is cc = 44, it should be changed to 41 or 45. Once the setting is changed, reboot the ISO ID reader.

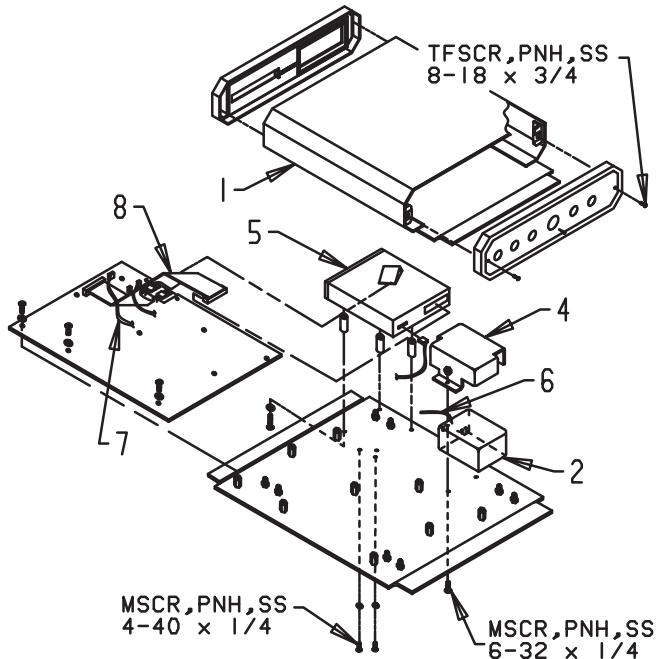
SmartConnect Controller



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------------|--------------------------------|--------------------------|
| | 8592062 | SMARTCONNECT,CONTROLLER | - |
| 1 | 8592662 | SMARTCONNECT,12VDC PS | 1 |
| 2 | 8592661 | SMARTCONNECT,ASSY,BASE BOARD | 1 |
| 3 | 8592660 | SMARTCONNECT,ASSY,SCREEN BOARD | 1 |
| 4 | 8592659 | RK3288 SOM | 1 |
| 5 | 8591396 | CLICKIN PUSHOUT PLUG, BLIND | 14 |
| 6 | 8591394 | CLICKIN PUSHOUT PLUG, 6MM | 1 |
| 7 | 8591911 | CLICKIN PUSHOUT PLUG, 8MM | 1 |
| 8 | 8591408 | ENCLOSURE DIN CLIP | 2 |
| 9 | 8591391 | ENCLOSURE,BASE | 1 |
| 10 | 8591398 | SMARTLITE LID CONTROL | 1 |
| 11 | 8591397 | SMARTLITE GASKET CONTROL BOX | 1 |
| 12 | 8592738 | PCB PCP SPT DMSP 1/4 | 4 |
| 13 | 2700014 | PLUGGABLE TERMINAL BLOCKS 3 | 4 |
| 14 | 8593152 | SMARTCONNECT,TOUCH,PEN | 1 |
| 15 | 8592061 | BLUE DIN BRACKET | a/r |



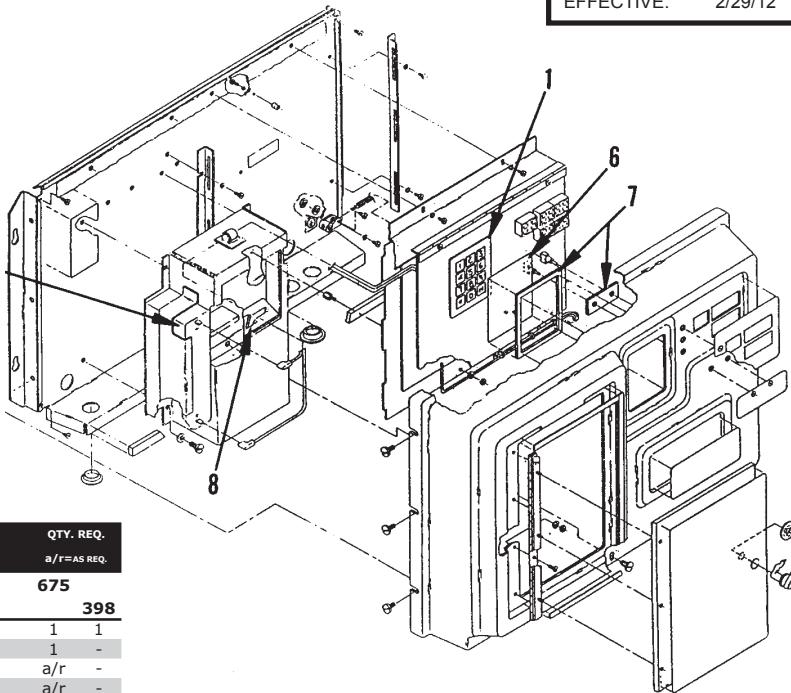
Control Assembly 2045, 2045+, 2045N, 2050



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------------|---|--------------------------|
| | 3554929 | Control Assy, Model 2045/Chassis | - |
| | 3555195 | Control Assy, Model 2045+ | - |
| | 3556745 | Control Assy, Model 2045N | - |
| | 3657377 | *Control Assy, 2050 | - |
| 1 | 3555047 | Cover Assy, Agri-Comp 2045 | 1 |
| 2 | 1912504 | Battery, 6V, Lead-Acid | 1 |
| 3 | 3555077 | n/s | |
| | 3555076 | Power Supply, 1-Unit, 12V, Plug-In | 1 |
| | 3555076 | n/s | |
| 4 | 3554934 | Power Supply, 1-Unit, 12V, Europe | 1 |
| 5 | 3556876 | Bracket, Battery, 6 Volt | 1 |
| 6 | 3554936 | Disk Drive, 2045 | 1 |
| 7 | 3554938 | Wire Harness, 2-Pin, 2045 | 1 |
| 8 | 3554939 | Wire Harness, Ribbon, 2045 | 1 |
| 9 | 1917632 | n/s | |
| 10 | 1917631 | Connector, Term Strip, 4-Pos | 1 |
| 11 | 1917633 | n/s | |
| 12 | 1916815 | Connector, Term Strip, 3-Pos | 1 |
| 13 | 3557388 | n/s | |
| | | Literature, 2050 Manual, EG | 1 |

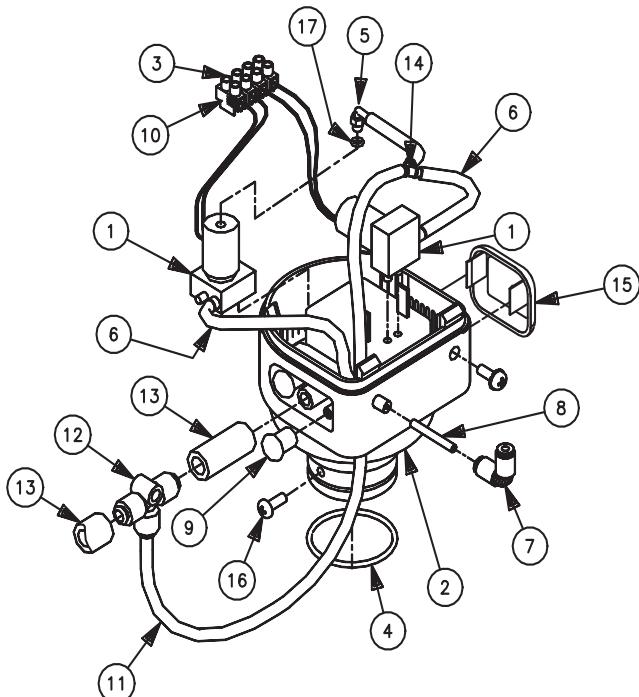
2030 & 2040 Control Assembly

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| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------|----------|---|--------------------------|
| | | ⊗=OBsolete n/s=NOT SHOWN | |
| 3553675 | ⊗ | Control Assy, Model 2030 | 675 |
| 3554398 | ⊗ | Control Assy, Model 2040 | 398 |
| 1 | 3552577 | Flex-Switch, Agricomp 2030 | 1 1 |
| 2 | 3552656 | n/s Printer, Agricomp, 2030/2025 | 1 - |
| 3 | 3552562 | n/s Paper,Printer, Agricomp | a/r - |
| 4 | 3552677 | n/s Tape, Cassette, Agricomp | a/r - |
| 5 | 4015381 | Battery, 8.0 VDC | 1 1 |
| 6 | 3553655 | Seal, Keypad | 1 1 |
| 7 | 3552488 | Gasket Set, Keypad/Switches | 1 1 |
| 8 | 3654815 | Peripheral Assy, 2040 | - 1 |
| 9 | 1917631 | n/s Connector,Term Strip, 3-Pos | - 4 |
| 10 | 1917632 | n/s Connector,Term Strip, 4-Pos | 8 9 |
| 11 | 1917633 | n/s Connector,Term Strip, 5-Pos | - 1 |
| 12 | 1917634 | n/s Connector,Term Strip, 6-Pos | - 1 |
| 13 | 1917636 | n/s Connector,Term Strip, 8-Pos | 2 - |
| 14 | 1939404 | n/s Insulator, Fuse Body | 3 3 |
| 15 | 1931831 | n/s Fuse, 5.00A, 250V, Slow, 1.25 x .25 | 1 2 |
| 16 | 1931826 | n/s Fuse, 2.50A, 250V, Slow, 1.25 x .25 | - 1 |
| 17 | 1931818 | n/s Fuse, 1.00A, 250V, Slow, 1.25 x .25 | 1 - |
| 18 | 1931828 | n/s Fuse, 3.00A, 250V, Slow, 1.25 x .25 | 1 1 |
| 19 | 3552563 | ⊗ n/s Ribbon, Printer, Pack of 2 | a/r - |

Cylinder Dual Valve Assembly

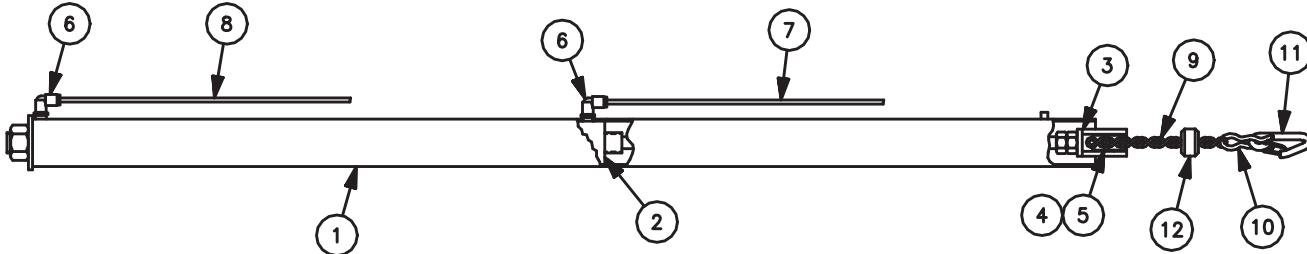


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------------------|------------------------------------|--------------------------|
| | | ⊗=OBsolete n/s=NOT SHOWN | |
| | | 3557262 Valve Assy, Dual, Cylinder | - |
| 1 | 3557052 | Valve Assy, Solenoid | 2 |
| 2 | 3557974 | Valve Assy,Dual, Service | 1 |
| 3 | 1917657 | Connector, Term Strip, 4-Pos | 1 |
| 4 | 3553693 | O-Ring, 1.674 x .103, Buna-N | 1 |
| 5 | 3557306 | Adapter, Elbow, 1/8 Hose x 10 - 32 | 1 |
| 6 | 3556371 | Hose, Silicone, .125 x .06 Wall | a/r |
| 7 | 3557264 | Conn, Push, Elbow, 5/32 x 5/32 | 1 |
| 8 | 3556247 | Hose, Nyl, Blu, 5/32 OD x 100 Ft | a/r |
| 9 | 4088424 | Plug, ECR Nipple | 2 |
| 10 | 3557059 | Label, Dual Valve | 1 |
| 11 | 8551198 | Hose, Polyureth, .12 x .06W, Blu | a/r |
| 12 | 8507225 | Conn, Push, Tee, 1/4 x 1/4 | 1 |
| 13 | 8506805 | Hose, Vinyl, .38 x .12W, Blk/Wht | a/r |
| 14 | 3557491 | Fitting, Y, Nylon, 1/8 Hose | 1 |
| 15 | 3557937 | ⊗ Shield, spalsh, ACR,Valve | 1 |
| 16 | 1027275 | TFSCR, PNH, 55, 10-16 x 1/2 | 2 |
| 17 | 3557987 | O-Ring, 0.156 x .062, BUNA-N | 1 |
| 18 | 4088545 ¹ | n/s Cover, Air Injector/Detacher | 1 |

Note:

1. This part is only available by ordering PN 3557262.

Cylinder Assembly, Air



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r AS REQ.) |
|----------------|----------------------|---|----------------------------|
| 3556145 | | | |
| 1 | 3552171 | Pipe, Mounting, w/Stop Lug | 1 |
| 2 | 3552132 | Cylinder, Air, 1.5 Bore x 18 Str | 1 |
| 3 | 3552117 [⊗] | Bracket Assy, Pulley | 1 |
| 4 | 3558960 | Clevis Assy, Cylinder Air (Parts on page D-54) | 1 |
| 5 | 3551872 | Pulley, Sgl-Grv, 1.25 | 1 |
| 6 | 3552114 | Pin, Drive, Model 2100 | 1 |
| 7 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 2 |
| 8 | 3554174 ¹ | Hose, Nyl, Red, 5/32 OD x 100Ft | a/r |

| | | | |
|----|----------------------|-------------------------------------|-----|
| 8 | 3554440 ¹ | Hose, Nyl, Grn, 5/32 OD x 100Ft | a/r |
| 9 | 3552130 [⊗] | Chain, Twist-Link, SS, 50 In | 1 |
| 10 | 3557646 ¹ | Chain, Twist-Link, SS, 50 In x .120 | 1 |
| 11 | 8508268 [⊗] | Link, Break-Away | 1 |
| 12 | 8516326 ¹ | Link, Break-Away | 1 |
| 11 | 3556991 ¹ | Snap, Spring, SS, Looped | 1 |
| 12 | 3556426 ¹ | Stop, Chain | 1 |

Note:

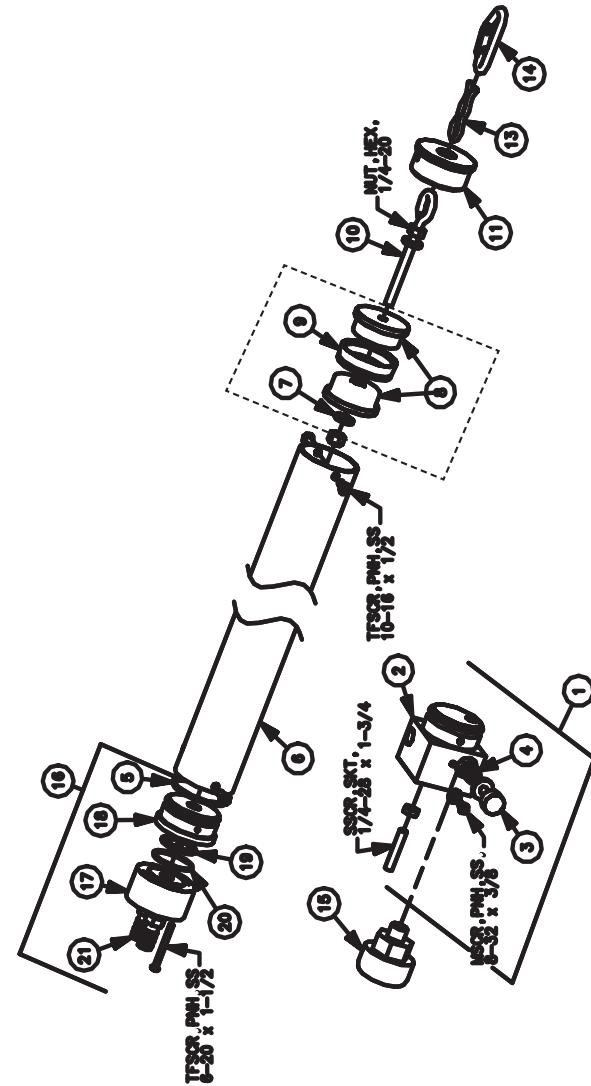
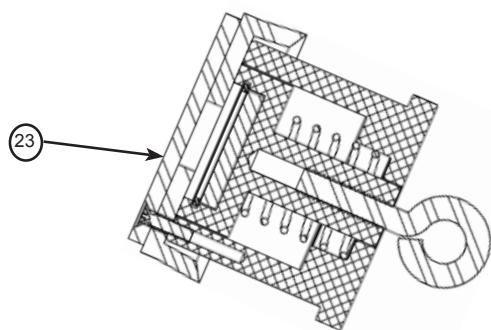
1. Items sold separately from cylinder assembly 3556145.

2" SS Cylinder Assembly, Vac

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r AS REQUIRED) |
|----------------|--------------------------|---|-----------------------------------|
| 3556144 | | | |
| | 3556997 [⊗] | Cylinder Assy, Vac, 2 In, SS | 144 |
| | 3557261 | Cylinder Assy, Vac, 2 In, SS W/O Valve | 997 |
| | | Cylinder Assy, Vac, 2 In, SS W/O Top | 261 |
| 1 | 3554888 | Plug Assy, Top (Includes items 2 thru 4) | 1 - - |
| 2 | 3554616 | Plug, Top | 1 - - |
| 3 | 3554617 | Piston, Top Plug | 1 - - |
| 4 | 3554628 | Spring, Compr. .466-.016 .69 | 1 - - |
| 5 | 3553693 | O-ring, 1.674 x .103, Buna | 1 1 - |
| 6 | 3553705 | Cylinder, Vacuum, 2 In | 1 1 1 |
| 7 | 3553726 | Washer, Sealing | 2 2 2 |
| 8 | 3553708 | Piston, Section, Vac Cyl | 2 2 2 |
| 9 | 3553692 | Cup, Piston | 1 1 1 |
| 10 | 3557216 [⊗] n/s | Cup, Piston, Special | 1 1 1 |
| 10 | 3553709 | Eyebolt, 1/4-20 x 4.00 x .50 x 2.75 | 1 1 1 |
| 11 | 3553706 | Plug, Bottom | 1 1 1 |
| 11 | 8560742 [⊗] n/s | Cord, Braided, Nylon, 3/16 Dia | a/r a/r a/r |
| 12 | 8580139 [⊗] n/s | Rope, AMSteel, 1/8 | a/r a/r a/r |
| | 8587717 | Rope, Dyneema, 1/8" x 100' | a/r a/r a/r |
| 13 | 8508268 [⊗] | Link, Break-Away | 1 1 1 |
| | 8516326 | Link, Break-Away | 1 1 1 |
| 14 | 3556991 | Snap, Spring, SS, Looped | 1 1 1 |
| 15 | 3554618 ¹ | Muffler, Filter, 1/4 NPT, Nylon | 1 - - |
| 16 | 3557038 [⊗] | Valve Assy, Check, 4200D / 4400D (includes items 5 & 17 thru 22) | - 1 - |
| 17 | 3557035 [⊗] | Check Valve, Top | - 1 - |
| 18 | 3557037 [⊗] | Check Valve, bottom | - 1 - |
| 19 | 3557036 [⊗] | Diaphragm, Check Valve | - 1 - |
| 20 | 3557040 [⊗] | O-ring, 1.239 x .070 | - 1 - |
| 21 | 3557039 [⊗] | Adapter, 3/8 Hose x 1/4 NPT | - 2 - |
| 22 | 3557049 n/s | Lubricant, Silicone Mold Rel | a/r a/r a/r |
| 23 | 3561906 ² | Piston Assy,Vac,W/Quickstart | a/r a/r a/r |

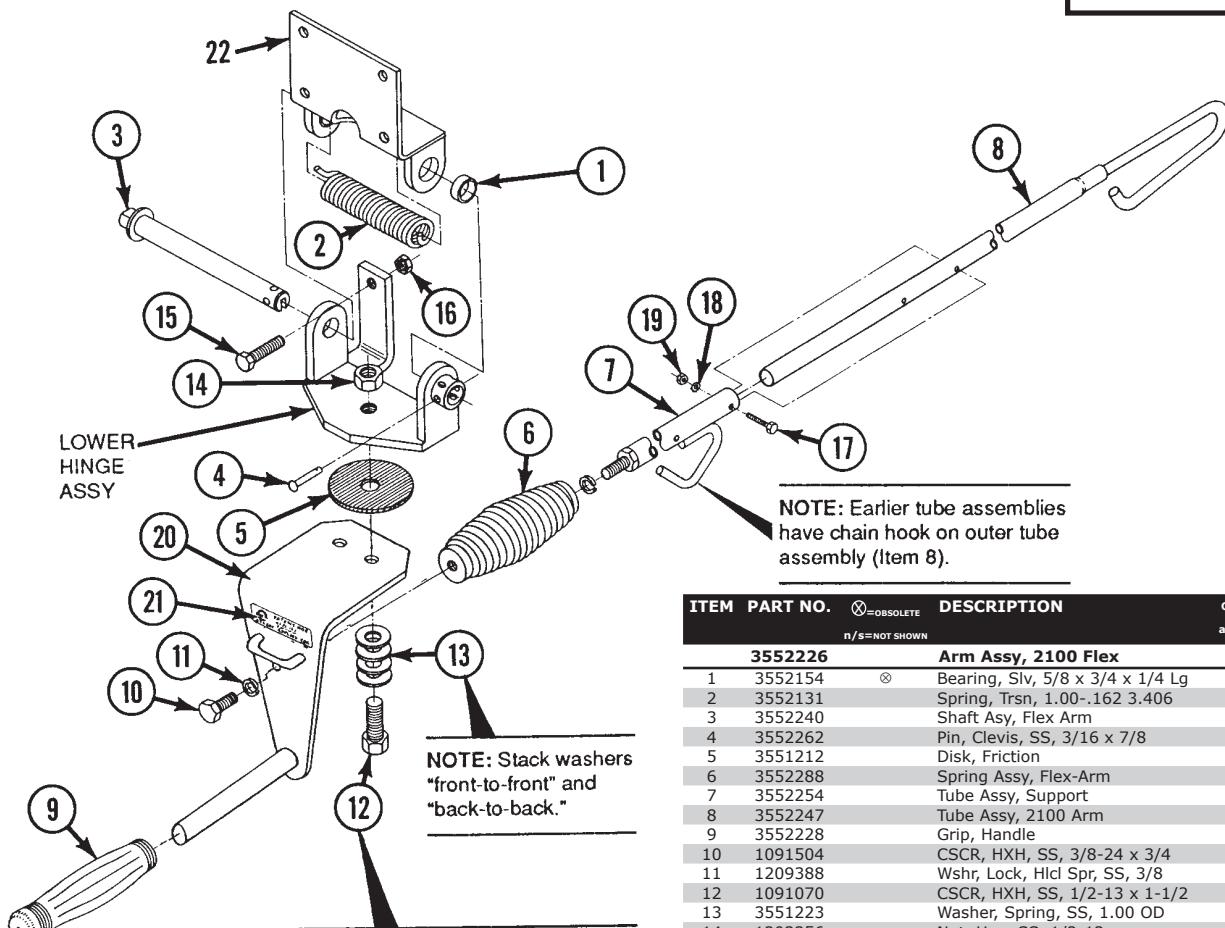
Note:

1. Filter muffler (3554618) order separate.
2. Piston Assembly replaces items 7, 8, and 9 in QuickStart.



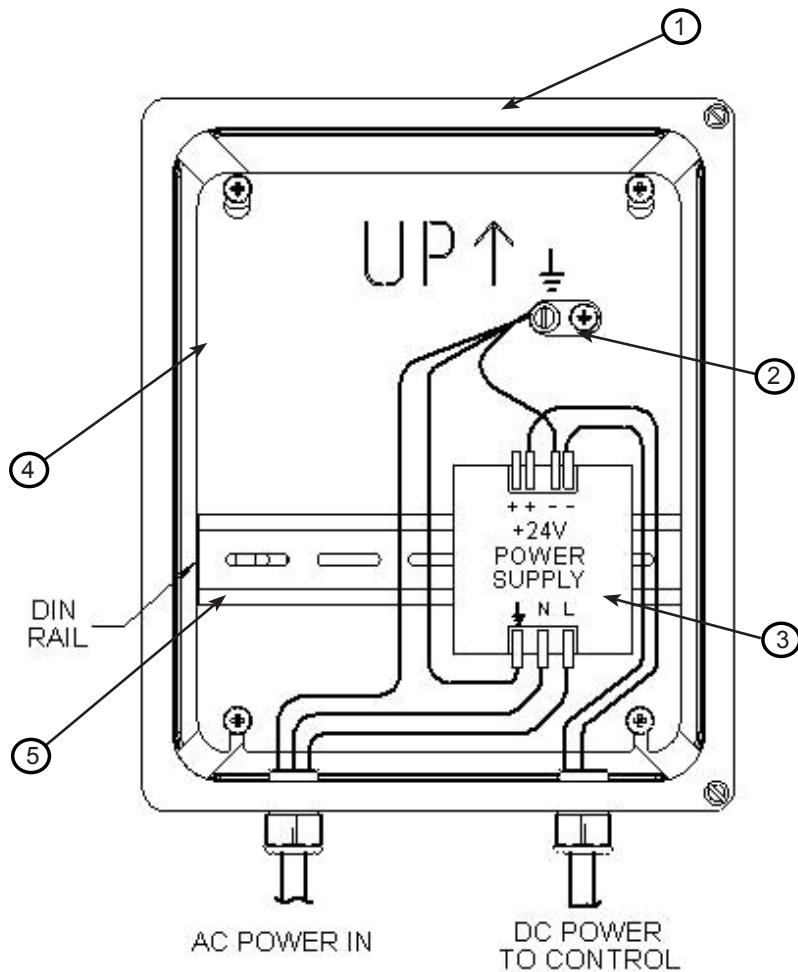
Flex-Arm Assembly

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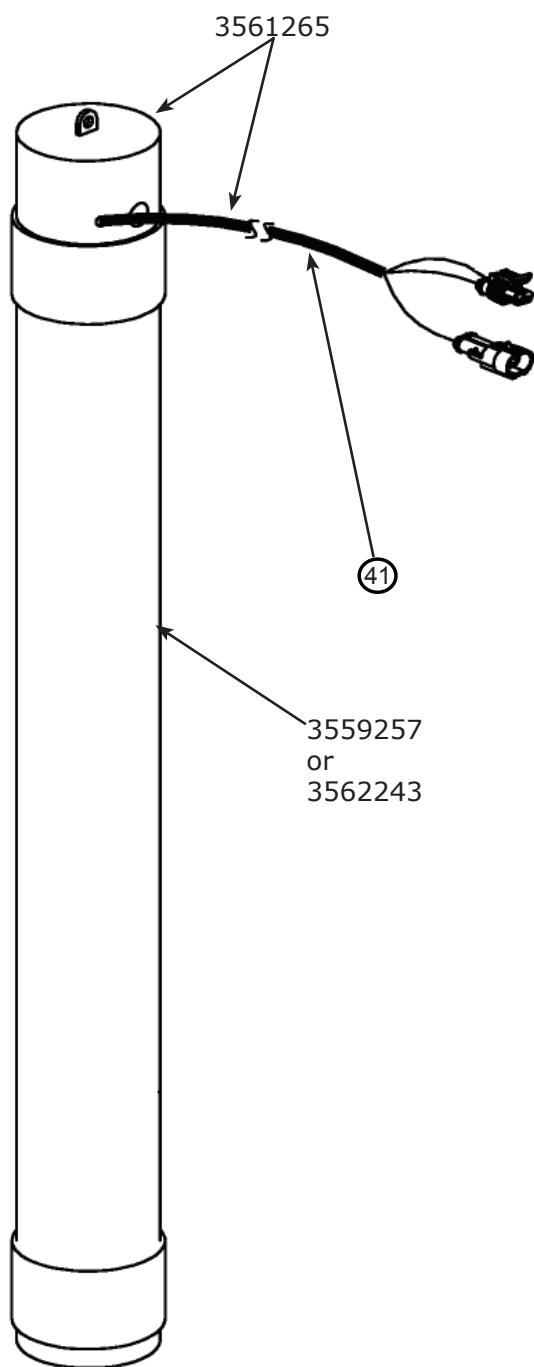


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|----------------|----------------------------|----------------------------------|--------------------------|
| n/s=NOT SHOWN | | | |
| 3552226 | Arm Assy, 2100 Flex | | - |
| 1 | 3552154 | Bearing, Slv, 5/8 x 3/4 x 1/4 Lg | 2 |
| 2 | 3552131 | Spring, Trsn, 1.00-.162 3.406 | 1 |
| 3 | 3552240 | Shaft Asy, Flex Arm | 1 |
| 4 | 3552262 | Pin, Clevis, SS, 3/16 x 7/8 | 1 |
| 5 | 3551212 | Disk, Friction | 1 |
| 6 | 3552288 | Spring Assy, Flex-Arm | 1 |
| 7 | 3552254 | Tube Assy, Support | 1 |
| 8 | 3552247 | Tube Assy, 2100 Arm | 1 |
| 9 | 3552228 | Grip, Handle | 1 |
| 10 | 1091504 | CSCR, HXH, SS, 3/8-24 x 3/4 | 1 |
| 11 | 1209388 | Wsh, Lock, Hcl Spr, SS, 3/8 | 2 |
| 12 | 1091070 | CSCR, HXH, SS, 1/2-13 x 1-1/2 | 1 |
| 13 | 3551223 | Washer, Spring, SS, 1.00 OD | 4 |
| 14 | 1203356 | Nut, Hex, SS, 1/2-13 | 1 |
| 15 | 1094031 | MSCR, HXH, SS, 5/16-18 x 1-1/2 | 1 |
| 16 | 1203353 | Nut, Hex, SS, 5/16-18 | 1 |
| 17 | 1002184 | MSCR, RDH, SS, 8-32 x 7/8 | 2 |
| 18 | 1235383 | Washer, Lock, Int'l-T, SS, #8 | 4 |
| 19 | 1207378 | Nut, Cap, SS, 8-32 | 2 |
| 20 | 3553698 | Bracket, Assy, 2100 Arm | 1 |
| 21 | 3552289 | Label, Patent, Flex Arm | 1 |
| 22 | 3552227 | Bracket Assy, Hinge | 1 |

Regulated Power Supply



QuickStart Cylinder



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|-----------------------------|------------------------------------|-----------------------------------|
| --- | 3559221 | | MODULE,POWER SUPPLY,24V,ISO | --- |
| 1 | 3559022 | | ENCLOSURE,HINGED,10X8X6,NEMA4X | 1 |
| 2 | 8513952 | | LUG,GROUND,14 TO 4 AWG | 1 |
| 3 | 3557976 | | POWER SUPPLY,24VDC,4.0A,DIN | 1 |
| | 3558765 | n/s | POWER SUPPLY,12VDC,7.5A,DIN | Ref |
| 4 | 3558681 | | PLATE,MTG,POWER SUPPLY | 1 |
| 5 | 3558682 | | RAIL,DIN,7.50 | 1 |
| 6 | 8504733 | n/s | LABEL,WARNING,ELECTRICAL | 1 |

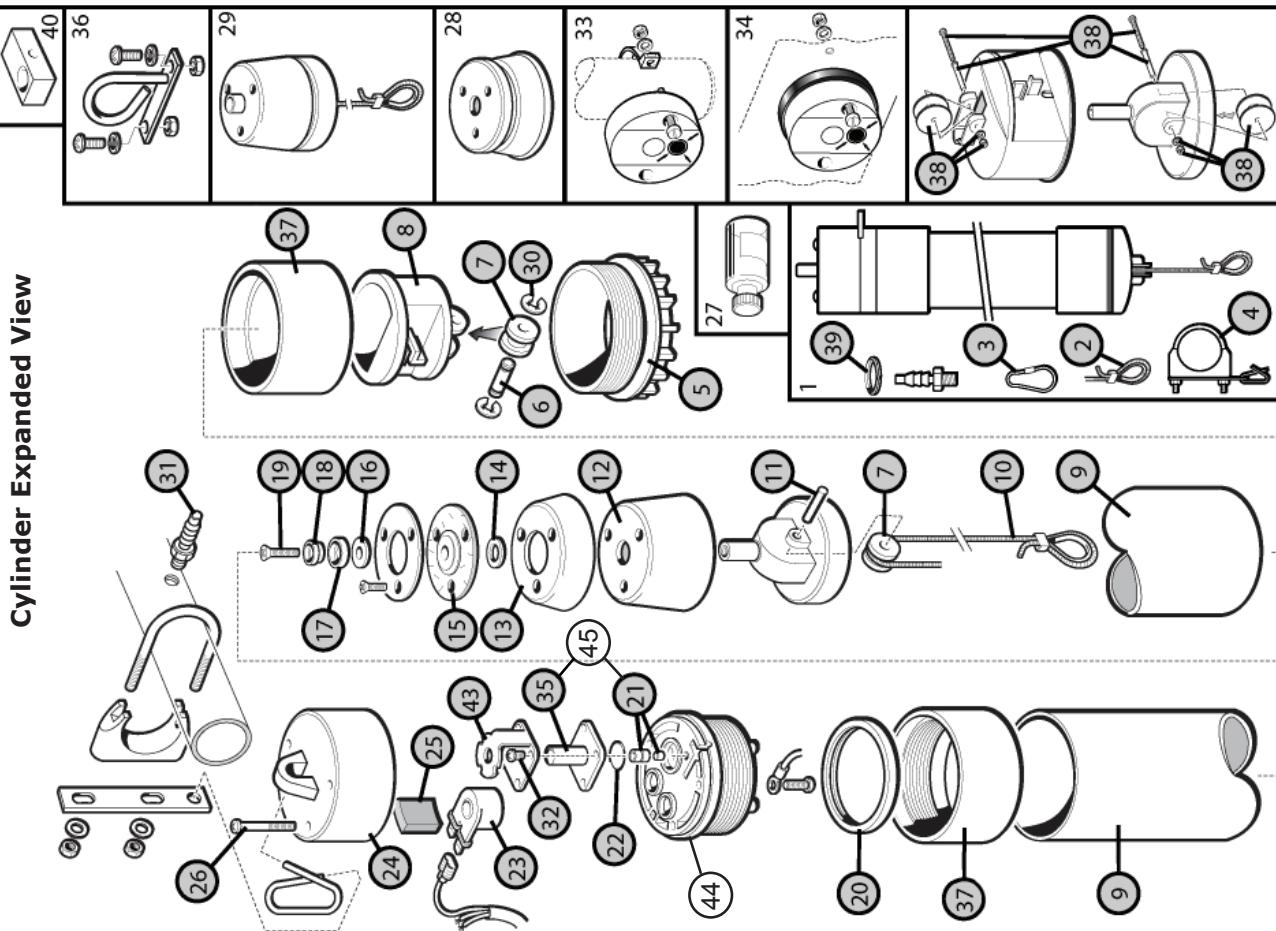
QuickStart Cylinder (Cont.)

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| PART NO. | ITEM | DESCRIPTION | QTY REQUIRED (a/r-as required) |
|----------|------|---|-----------------------------------|
| 359257 | 36 | CYLINDER ASSY,XP,BLU,3WIRE,24V | 257 |
| 3561265 | 2 | CYLINDER ASSY,XP,SDC,2PLUG,24V | 265 |
| 3562243 | 3 | CYLINDER ASSY,XP,BLU,3WIRE,12V | 243 |
| 3562409 | 4 | CYLINDER ASSY,XP,BLU,4WIRE,24V | 409 |
| D2552532 | 5 | Cord Extension Pack. (x5) | 1 |
| D255541 | 6 | Carbine Hook Pack. (x5) | 1 |
| D255676G | 7 | Ram Support Pack, Grey | 1 |
| D385791 | 8 | Locking Ring | 1 |
| D200812 | 9 | Pin. St. Steel (RBY next 4 components listed) | N/A |
| D204009 | 10 | n/s VIS INOX M3 x 35 DIN 7085 (Screw) | 1 |
| D204708 | 11 | n/s WASHER DIN125A M3 A2 vis e7 | 1 |
| D385847 | 12 | n/s NUT M3 DIN935 A2 | 1 |
| D385846 | 13 | n/s SLEEVE FOR PULLEY | 1 |
| D385789 | 14 | Pulley | 1 |
| 858751_2 | 15 | Cap. Lower | 1 |
| D25531 | 16 | PIPE,75OD X 3W X 600L,PVC,BLUE | 1 |
| D205706 | 17 | Pin. St. Steel 5 x 26 | 1 |
| D385509 | 18 | Cone | 1 |
| D382716 | 19 | Cup Seal | 1 |
| D310701 | 20 | Washer | 1 |
| D391509 | 21 | Diaphragm | 1 |
| D310701 | 22 | Washer | 1 |
| D326716 | 23 | Contact Ring | 1 |
| D326715 | 24 | Holding Boss | 1 |
| D202711 | 25 | Screw Countersunk Pozidriv St. Steel 8B x 19 | 1 |
| D382755 | 26 | Seal | 1 |
| D255682 | 27 | Shuttle and Seal Pack (x6) | 1 |
| D242702 | 28 | O Ring | 1 |
| D359236 | 29 | Coil, 24VDC (Solenoid needed for SmartDairy) | 1 |
| D262513 | 30 | Solenoid (12VDC, Coil, EU QuickStart) | 0 |
| D480185 | 31 | Cap. Upper | 1 |
| D390666 | 32 | Filter | 1 |
| D200789 | 33 | SCREW, PAN POZI ST; STEEL M4 x 45 | 1 |
| 355930_1 | 34 | n/s Lubricant, Silicone | a/r |
| D200795 | 35 | Piston Seal and Diaphragm Rack (x5) | a/r |
| D25534 | 36 | Piston Assembly Pack (x1) | a/r |
| D255536 | 37 | Circip. St. Steel | a/r |
| D206709 | 38 | Adaptor, Straight 1/8" B.S.P. | a/r |
| D240704 | 39 | Screw, M4x10 | a/r |
| D200795 | 40 | Chimney Pack | a/r |
| D385537 | 41 | Cord Guide Pack | a/r |
| D255691 | 42 | Collar threaded Ram. Isolator 3 | a/r |
| D385790 | 43 | Pulley and Fixings Pack | a/r |
| D255726 | 44 | Spring Ring | a/r |
| D243703 | 45 | Cord Guide Vertical Ram | a/r |
| D362714 | 46 | CABLE FOR SMARTDAIRY DETACHER | a/r |
| B210011 | 47 | n/s CABLE ASSY, Q-START, 5450, 10FT. | a/r |
| 3562464 | 48 | BRACKET, SOLENOID | a/r |
| D262514 | 49 | Bulkhead, ISO 3 | a/r |
| D385787 | 50 | Chimney Kit, XP Detacher, Ind | a/r |

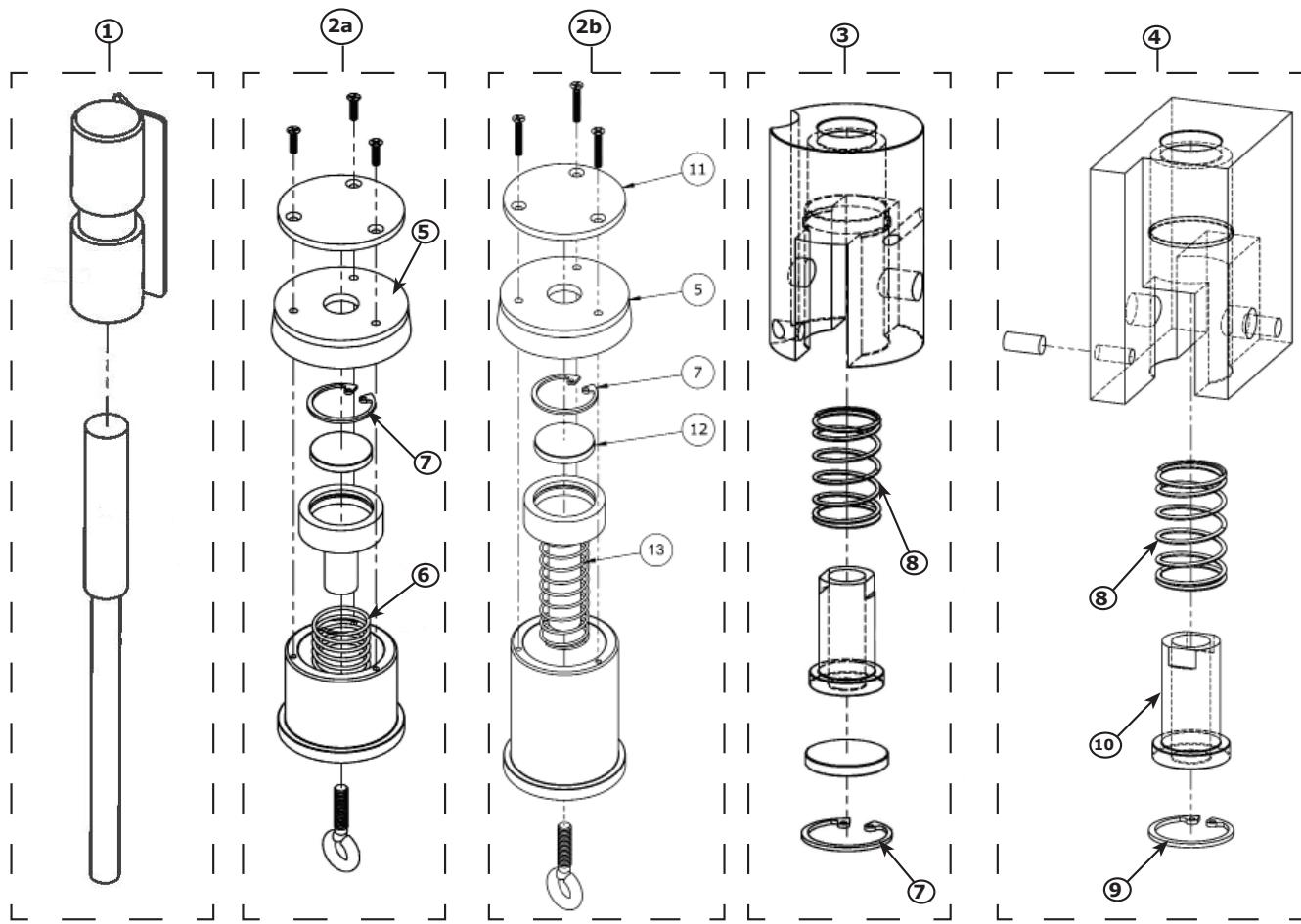
- Note:
 1. Failure to use the correct lubricant will cause premature failure of the piston cups.
 2. Use non-petroleum based degreasers to clean the inside of the cylinder during service.
 3. Kit to upgrade chimney assy for faster operation.

Cylinder Expanded View



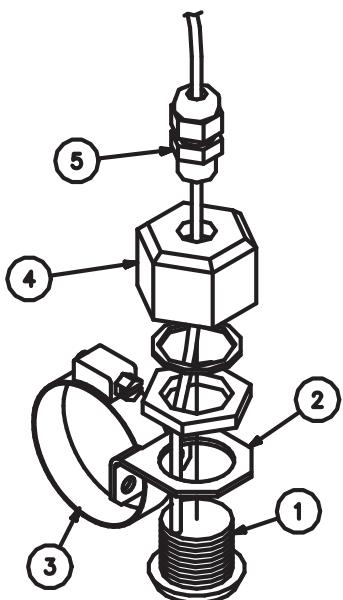
QuickStart Detacher Retrofit Kit

| ITEM NO. | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---|----------|-----------------------------|--------------------------------|-----------------------------------|
| QuickStart Detacher Retrofit Kit | | | | |
| 1 | 3560505 | | SENSOR ASSY,QS | a/r |
| 2a | 3561906 | ⊗ | PISTON ASSY,VAC,W/QUICKSTART | a/r |
| 2b | 3562650 | | PISTON, Q/S, VAC, EXT 20MM | a/r |
| 3 | 3560449 | ⊗ | PISTON ASSY,QUICKSTART,AIR | a/r |
| 4 | 3562135 | | PISTON ASSY,QUICKSTART,AIR | a/r |
| 5 | 3560712 | | CUP,PACKING,1.875,QS | - |
| 6 | 3561766 | | SPRING,QUICK START PISTON | - |
| 7 | 3557539 | | RING,RETAINING,INTL,SS,.875 | - |
| 8 | 3561941 | | SPRING,COMPR.,.718-.045 1.16 | - |
| 9 | 3562137 | | RING,RETAINING,INTL,SS,.812 | - |
| 10 | 3561939 | | PISTON,QS,AIR | - |
| 11 | 3560713 | | PLATE, ROUND, 45X3, Q/S | - |
| 12 | 3561940 | | MAGNET, DISK, Q/S, 7/8" X 1/8" | - |
| 13 | 3562654 | | SPRING, QUICKSTART, 20MM | - |



Remote/Attach Kit

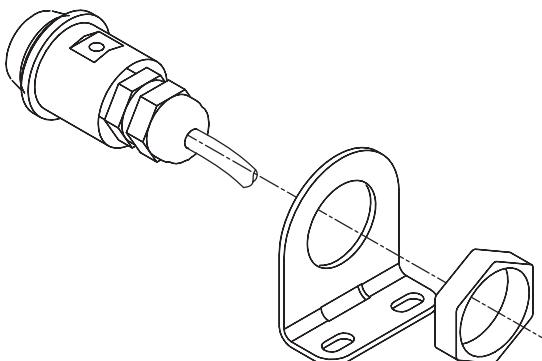
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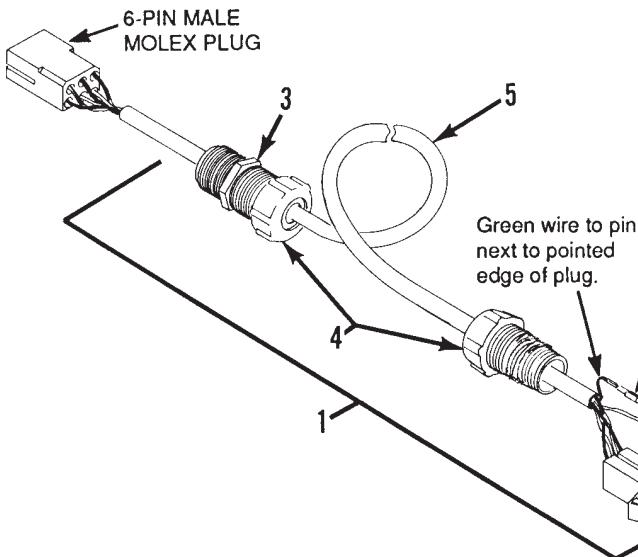
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|---|-----------------------------------|
| | 3557119 | Kit, Remote/Attach | - |
| 1 | 3557120 | Switch, Remote/Attach | 1 |
| 2 | 3557121 | Bracket, Mtg, Remote/Attach | 1 |
| 3 | 8510201 | Clamp, Hose, SS, #28, 1.31-2.25 | 1 |
| 4 | 3557488 | Nut, Remote Attach | 1 |
| 5 | 3557373 | Conn, Str-Rif, .11-.25. DIN PG7 | 1 |
| 6 | ---- | Literature 9ES-791 (Installation Instructions) | ref |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|--------------------|-----------------------------------|
| | 3558032 | Kit, Remote/Attach | - |

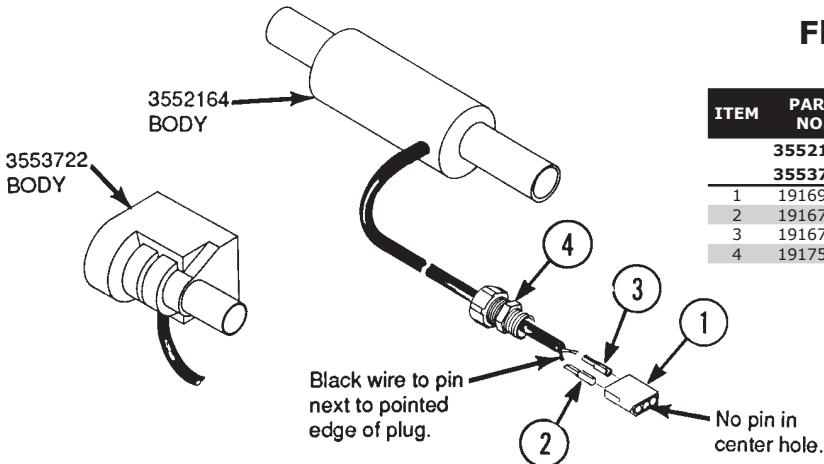
NOTE:
Remote switch has no serviceable items.



Milk-Meter Cable Assembly

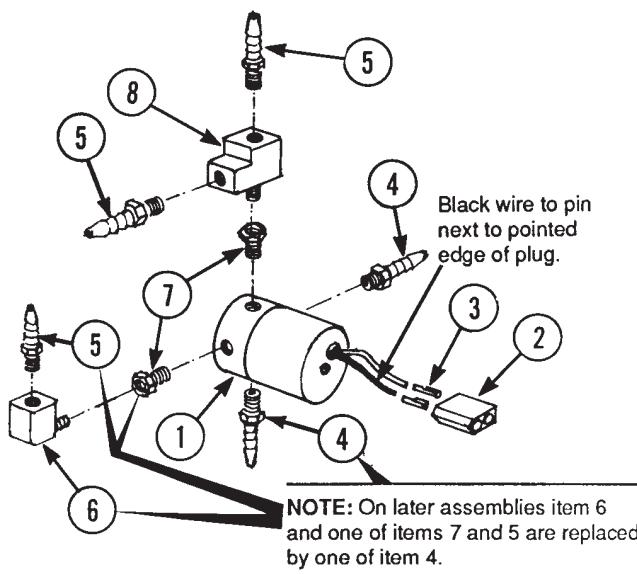


| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------|----------|-----------------------------|---|--------------------------|
| 3552550 | | | Cable Assy, M/M, Pre-greased | - |
| 1 | 3554438 | | Cable Assy, Milk Meter (Includes items 2 thru 7) | 1 |
| 2 | 1916730 | ⊗ | Conn, Pin, .093, F, 18-22, .06/.12 | 12 |
| 3 | 8513814 | | Nut, Lock, Conduit, 1/2 NPT | 1 |
| 4 | 1917532 | | Conn, Str-Rif, .27-.46, 1/2 NPT | 2 |
| 5 | 3553194 | ⊗ | Cable, 6-Cond, 22 Ga (Part No. represents 1 ft.) | a/r |
| 6 | 1916905 | ⊗ | Connector, Recept, FH, 4-Pin | 1 |
| 7 | 1916902 | | Connector, Recept, FH, 2-Pin | 1 |



Flow Sensor Assemblies

| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------|----------|-----------------------------|------------------------------------|--------------------------|
| 3552164 | | ⊗ | Sensor Assy, Full-Flow | - |
| 3553722 | | | Sensor Assy, Flow | - |
| 1 | 1916903 | | Connector, Recept, FH, 3-Pin | 1 |
| 2 | 1916701 | | Conn, Pin, .093, M, 18-22, .06/.12 | 1 |
| 3 | 1916730 | ⊗ | Conn, Pin, .093, F, 18-22, .06/.12 | 1 |
| 4 | 1917532 | | Conn, Str-Rif, .27-.46, 1/2 NPT | 1 |



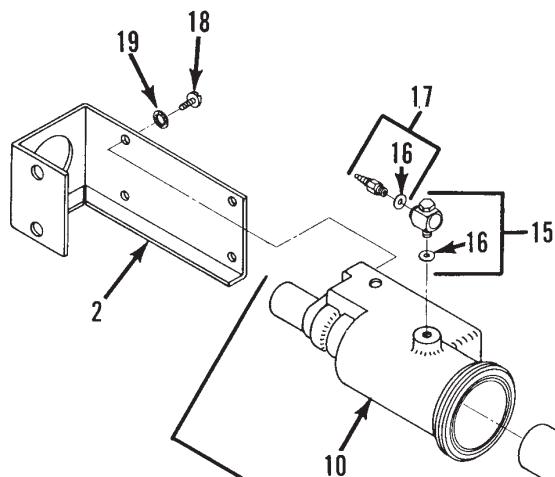
M2100 Solenoid Valve Assembly

| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------|----------|-----------------------------|------------------------------------|--------------------------|
| 3552153 | | | Valve Assy, Solenoid, M2100 | - |
| 1 | 3552112 | ⊗ | Valve, Solenoid, Model 2100 | 1 |
| | 3555933 | | Valve, Solenoid, 24 VDC | 1 |
| 2 | 1916902 | | Connector, Recept, FH, 2-Pin | 1 |
| 3 | 1916730 | ⊗ | Conn, Pin, .093, F, 18-22, .06/.12 | 2 |
| 4 | 3551908 | | Adapter, 1/8 Hose x 1/4 NPT | 2 |
| 5 | 8551082 | | Adapter, 1/8 Hose x 1/8 NPT | 3 |
| 6 | 3551825 | | Elbow, Street, 90 Deg, Brs, 1/8 | 1 |
| 7 | 3551711 | | Bushing, Hex, Brs, 1/4 x 1/8 | 2 |
| 8 | 3551712 | | Tee, Brs, Street, 1/8 NPT | 1 |

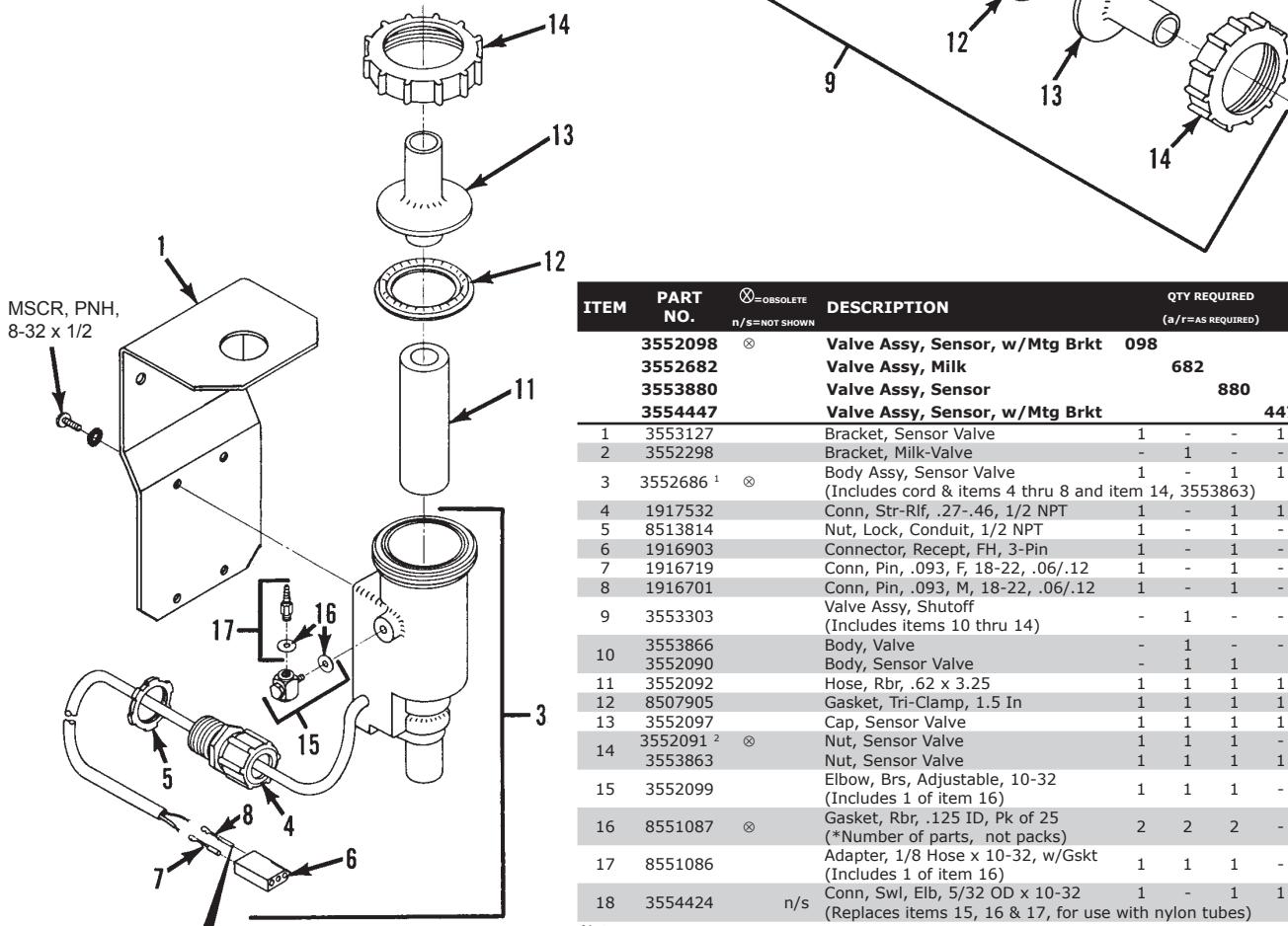
NOTE: On later assemblies item 6 and one of items 7 and 5 are replaced by one of item 4.

Milk-Valve & Shutoff-Valve Assembly

| | |
|------------------------|--------------------|
| SECTION D | PAGE 139 |
| EFFECTIVE: 10/15/04 | |



Sensor-Valve Assembly



| ITEM | PART NO. | <small>⊗=OBSOLETE n/s=NOT SHOWN</small> | DESCRIPTION | | | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------------------|---|---|-----|-----|-----------------------------------|
| | | | 098 | 682 | 880 | |
| 3552098 | 3552682 | ⊗ | Valve Assy, Sensor, w/Mtg Brkt | 098 | 682 | |
| 3552686 | 3553880 | | Valve Assy, Milk | | | |
| 3553880 | 3554447 | | Valve Assy, Sensor | | | |
| 3554447 | | | Valve Assy, Sensor, w/Mtg Brkt | 447 | | |
| 1 | 3553127 | | Bracket, Sensor Valve | 1 | - | 1 |
| 2 | 3552298 | | Bracket, Milk-Valve | - | 1 | - |
| 3 | 3552686 ¹ | ⊗ | Body Assy, Sensor Valve (Includes cord & items 4 thru 8 and item 14, 3553863) | 1 | - | 1 |
| 4 | 1917532 | | Conn, Str-Rif, .27-.46, 1/2 NPT | 1 | - | 1 |
| 5 | 8513814 | | Nut, Lock, Conduit, 1/2 NPT | 1 | - | 1 |
| 6 | 1916903 | | Connector, Recept, FH, 3-Pin | 1 | - | 1 |
| 7 | 1916719 | | Conn, Pin, .093, F, 18-22, .06/.12 | 1 | - | 1 |
| 8 | 1916701 | | Conn, Pin, .093, M, 18-22, .06/.12 | 1 | - | 1 |
| 9 | 3553303 | | Valve Assy, Shutoff (Includes items 10 thru 14) | - | 1 | - |
| 10 | 3553866 | | Body, Valve | - | 1 | - |
| | 3552090 | | Body, Sensor Valve | - | 1 | 1 |
| 11 | 3552092 | | Hose, Rbr, .62 x 3.25 | 1 | 1 | 1 |
| 12 | 8507905 | | Gasket, Tri-Clamp, 1.5 In | 1 | 1 | 1 |
| 13 | 3552097 | | Cap, Sensor Valve | 1 | 1 | 1 |
| 14 | 3552091 ² | ⊗ | Nut, Sensor Valve | 1 | 1 | - |
| | 3553863 | | Nut, Sensor Valve | 1 | 1 | 1 |
| 15 | 3552099 | | Elbow, Brs, Adjustable, 10-32 (Includes 1 of item 16) | 1 | 1 | - |
| 16 | 8551087 | ⊗ | Gasket, Rbr, .125 ID, Pk of 25 (*Number of parts, not packs) | 2 | 2 | - |
| 17 | 8551086 | | Adapter, 1/8 Hose x 10-32, w/Gskt (Includes 1 of item 16) | 1 | 1 | - |
| 18 | 3554424 | n/s | Conn, Swl, Elb, 5/32 OD x 10-32 (Replaces items 15, 16 & 17, for use with nylon tubes) | 1 | - | 1 |

Note:

1. When ordering 3552686, Body Assembly for replacement on 3554447 Sensor Valve Assembly, items 6, 7 & 8 (connectors) need to be removed.

2. Earlier blue Nut 3552091 will not fit on later clear body assembly. Nut 3553863 will fit all body assemblies.

Black wire to male pin next to sharp edge of plug.

Sensor/Shutoff Valve Assemblies

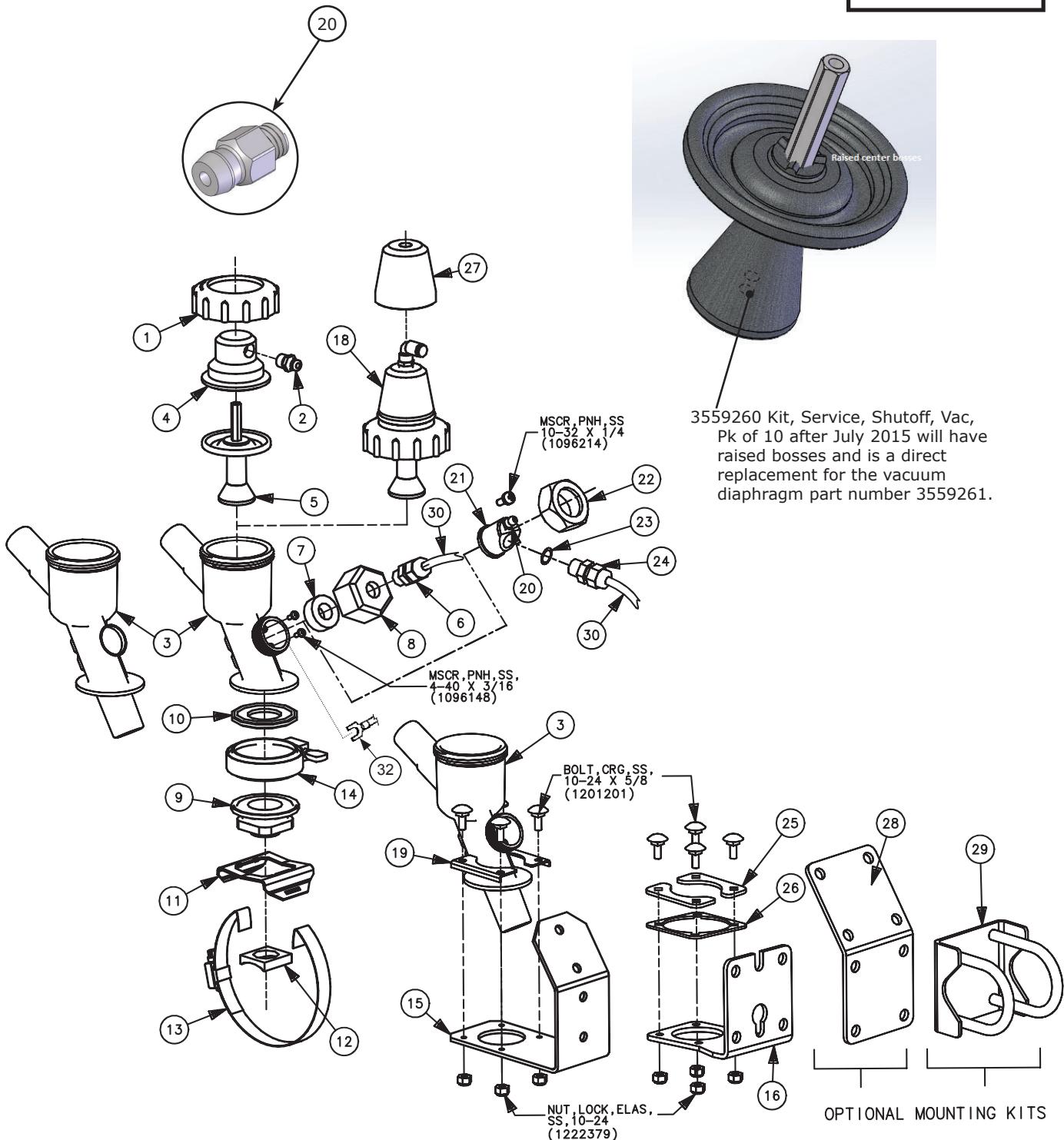
| ITEM | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | | | |
|---------|-----------|-----------------------------|---|-----------------------------------|------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|
| | | | | 073 | 208 | 541 | 542 | 010 | 013 | 012 | 011 | 326 | 118 | 327 | 117 |
| 3557073 | ⊗ | | Sensor Assy, Triclamp, Vac | | | | | | | | | | | | |
| 3557208 | ⊗ | | Sensor Assy, w/Nipple, Vac | | 208 | | | | | | | | | | |
| 3557541 | ⊗ | | Sensor Assy, Triclamp, Air | | | 541 | | | | | | | | | |
| 3557542 | ⊗ | | Sensor Assy, w/Nipple, Air | | | | 542 | | | | | | | | |
| 3558010 | | | Sensor Assy, Triclamp, Vac | | | | | 010 | | | | | | | |
| 3558013 | | | Sensor Assy, w/Nipple, Vac | | | | | | 013 | | | | | | |
| 3558012 | | | Sensor Assy, Triclamp, Air | | | | | | | 012 | | | | | |
| 3558011 | | | Sensor Assy, w/Nipple, Air | | | | | | | | 011 | | | | |
| 3558326 | | | Shutoff Assy, Triclamp, Vac | | | | | | | | | 326 | | | |
| 3558118 | | | Shutoff Assy, w/Nipple, Vac | | | | | | | | | | 118 | | |
| 3558327 | | | Shutoff Assy, Tricclamp, Air | | | | | | | | | | | 327 | |
| 3558117 | | | Shutoff Assy, w/Nipple, Air | | | | | | | | | | | | 117 |
| 1 | 3558363 | | Nut, Sensor Valve | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 | - | - |
| 2 | 3554159 | | Conn, Push, 5/32 x 1/8 NPT | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 | - | - |
| | 3557044 | | Sensor, Flow/Shutoff, W/O Nipple | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - | - |
| 3 | 3557043 | | Sensor, Flow/Shutoff, W/ Nipple | - | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - |
| | 3558278 | | Body, Shutoff, w/Nip, w/o Rings, Mod | - | - | - | - | - | - | - | - | 1 | - | 1 | |
| | 3558329 | | Body, Shutoff, Triclamp, w/o Rings, Mod | - | - | - | - | - | - | 1 | - | 1 | - | | |
| 4 | 3557074 | ⊗ | Cap, Diaphragm | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 | - | - |
| | 3559261 2 | ⊗ | Diaphragm, Vacuum, Pk of 10 | 1 | 1 | - | - | - | - | - | - | 1 | 1 | - | - |
| 5 | 3559260 2 | | Kit, Service, Shutoff, Vac, Pk of 10 | or 1 | or 1 | 1 | 1 | 1 | 1 | 1 | 1 | or 1 | or 1 | 1 | 1 |
| | 8594434 | | Diaphragm Air/Vac Heavy Duty | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 6 | 1917500 | | Conn,Str-RIf, .11-.25,PG7 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - |
| 7 | 3557372 | ⊗ | Sleeve, Rbr, .50 ID x 1.00 x 3/8 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - |
| 8 | 3557222 | ⊗ | Nut, Compression, Sensor | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - |
| 9 | 3557153 | | Mount, Sensor | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| 10 | 3557156 3 | | Gasket, Base, Shutoff | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| 11 | 3557237 | | Bracket, Mount, Sensor | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| | 3557375 | | Gasket, .843 ID (For 3" milkline) | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| 12 | 8504010 | | Gasket, 3/4 Hole (For 2" or 2-1/2" milkline) | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| 13 | 8500857 | | Clamp, SS, Valve Assy, 1.5 x 4 | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| 14 | 8507932 | | Clamp, Band, SS, 1-1/2 | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| 15 | 3557238 | ⊗ | Bracket, Mtg, Sensor, W/Nipple | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| 16 | 3558401 | | Bracket, Mtg, Sensor, W/Nipple | - | - | - | - | - | - | 1 | - | 1 | - | 1 | - |
| 17 | 3558018 | | Lubricant, Cartridge, 14 Oz (1 Cartridge per 12 sensors) | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | - | - | - | - |
| 18 | 3557543 | | Actuator Assy, Air, Shutoff (Parts on Page D-134) | - | - | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 |
| 19 | 3557417 | ⊗ | Bracket, Mtg, Sensor | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 |
| 20 | 3558019 | ⊗ | Fitting, Grease, 10-32 | - | - | - | - | - | - | - | - | - | - | - | - |
| | 3562545 | | Fitting, Grease, 10-32 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 | 3558017 | | Adapter, Sensor | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - |
| 22 | 3558016 | | Nut, Sensor | - | - | - | - | 1 | - | 1 | - | - | - | - | - |
| 23 | 3557816 | | O-Ring, .390 x .060, BUNA-N | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - |
| 24 | 1917500 | | Conn, STR-RLF, .11 -.25, PG7 | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - |
| 25 | 3558399 | | Bracket, Mtg, Sensor | - | - | - | - | - | 2 | - | 2 | - | 2 | - | 2 |
| 26 | 3558400 | | Spacer, Mtg, Sensor w/Nipple | - | - | - | - | - | 1 | - | 1 | - | 1 | - | 1 |
| 27 | 35581031 | ⊗ | Boot, Adapter, Air | - | - | - | - | - | - | - | - | - | - | - | - |
| 28 | 3558404 | ⊗ | Kit, Sensor, Sloped Curb | - | - | - | - | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 29 | 3558405 | ⊗ | Kit, Sensor, Pipe Mount | - | - | - | - | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 30 | 1997529 | | Cable, 2-Cond, 20GA, 328 ft. | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1997530 | | Cable, 2-Cond, 20GA, 1000 ft. | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | 3558182 | n/s | Kit, Sensor, Adapter/Nut Update (Includes items 20 thru 24 & hardware) | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | - | - | - | - |
| 32 | 3557566 | | Term, Spade, SPR, 22-16 AWG, No 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | - | - | - | - |
| 33 | ----- | | Literature 9E-809 | ref | ref | ref | ref | ref | ref | ref | ref | - | - | - | - |

NOTE:

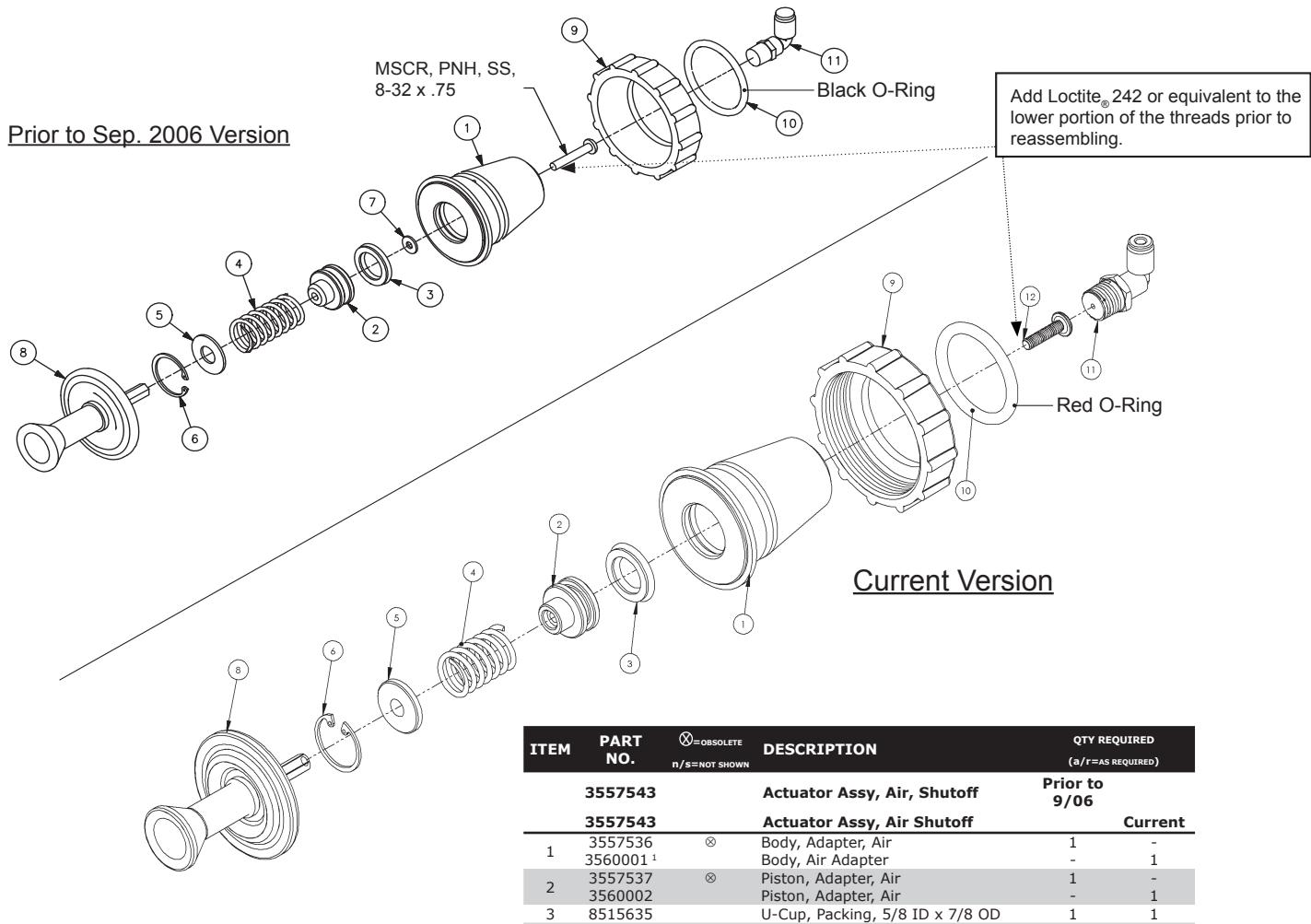
1. Adapter Boot (3558103) order separate.
2. Kit, Service, Shutoff, Vac, Pk of 10 (3559260) after July 2015 will have raised bosses and is a direct replacement for the vacuum diaphragm (3559261). Before July 2015, Vacuum diaphragm (3559261) can ONLY be used on vacuum actuated valves. Kit, Service, Shutoff, Vac, Pk of 10 (3559260) can be used on either air or vacuum actuated valves.
3. For use only with shutoff base. For standard ferrule applications use part number 321010S.

Sensor/Shutoff Valve Assemblies

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D
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5/12/23



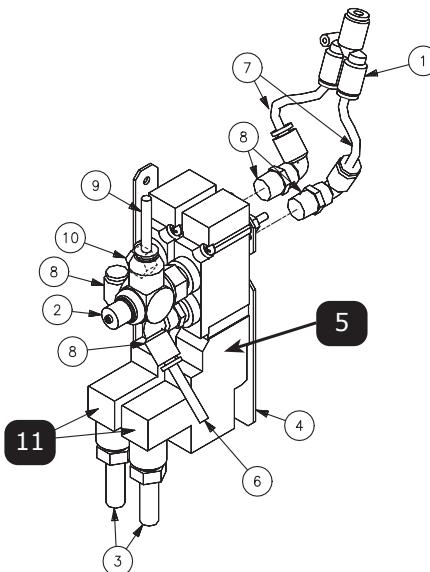
Air Actuator Assembly, Shutoff



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|---------------------------------|---|-----------------------------------|
| | 3557543 | Actuator Assy, Air, Shutoff | Prior to 9/06 |
| | 3557543 | Actuator Assy, Air Shutoff | Current |
| 1 | 3557536 3560001 ¹ | Body, Adapter, Air Body, Air Adapter | 1 - - 1 |
| 2 | 3557537 3560002 | Piston, Adapter, Air Piston, Adapter, Air | 1 - - 1 |
| 3 | 8515635 | U-Cup, Packing, 5/8 ID x 7/8 OD | 1 1 |
| 4 | 3557538 | Spring, Compr, .720 - .080 1.50 | 1 1 |
| 5 | 1208388 3560003 | Washer, Plin, SS, 3/8 Spacer, Spring, Air | 1 - - 1 |
| 6 | 3557539 | Ring, Retaining, SS Int'l, .875 | 1 1 |
| 7 | 3557575 | Washer, Sealing, Pressure, #8 | 1 - |
| 8 | 3559260 | Kit, Service, Shutoff, Vac, Pk of 10 | 1 1 |
| 9 | 3553863 | Nut, Sensor, Valve | 1 1 |
| 10 | 3557540 3560004 | O-Ring, 1.421 x .139, Nitrile O-Ring, 4.5MM x 34MM, Silicone | 1 - - 1 |
| 11 | 3554451 8507015 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT Conn, Swl, Elb, 5/32 x 1/4 NPT | 1 - - 1 |
| 12 | 3560005 | Seal Screw, 8-32, .75 PHHD | - 1 |
| 13 | ----- | Lit. 9E-809 | ref. ref. |
| 14 | 8596267 ² | Kit, Service, Shutoff, Air, Pk of 10 | |

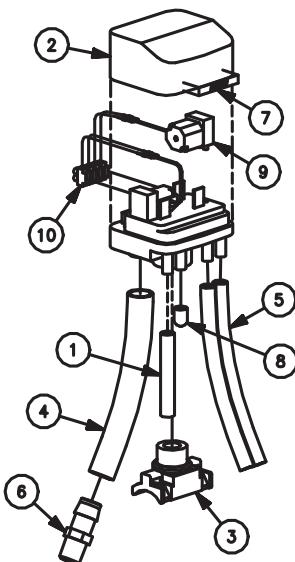
Note:

1. When replacing the earlier adapter body (3557536) the 1/4" NPT connector swivel (8507015) is required.
2. This kit includes enough of items 3, 8, 10 and 12 to service ten units.



Dual Air Valve Assembly

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------|----------|-----------------------------------|--------------------------|
| 3557107 | | Valve Assy, Dual, Air | - |
| 1 | 8507088 | Conn, Push, Union 5/32 | 1 |
| 2 | 3554444 | Valve Control, Flow, 1/8 NPT | 1 |
| 3 | 3557112 | Hose, Silicone, .093 x .06 | a/r |
| 4 | 3557423 | Bracket, Mtg, Valve w/Tabs | 1 |
| 5 | 3557108 | Valve, 4-way, Air, Low Power | 2 |
| | 3559301 | Valve, 4-way, Air, Low Power | 2 |
| 6 | 3554440 | Hose, Nyl, Green, 5/32 OD x 100ft | a/r |
| 7 | 3554439 | Hose, Nyl, Black, 5/32 OD x 100ft | a/r |
| 8 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 4 |
| 9 | 3554174 | Hose, Nyl, Red, 5/32 OD x 100ft | a/r |
| 10 | 1431240 | Plug, Hex HD, Brass, 1/82 | 1 |
| 11 | 8503751 | Connector, Din, Solenoid | 1 |

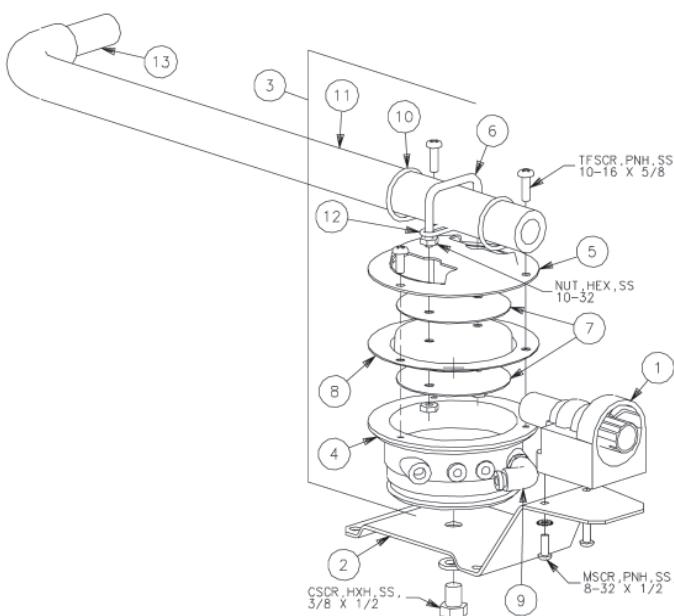


Detacher Dual Valve Assembly

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------|----------------------|--------------------------------------|--------------------------|
| 3557007 | | Valve Assy, Dual, Detacher | - |
| 1 | 8506904 ¹ | Hose, Vinyl, .25 x .125W, Blk | a/r |
| | 40163932C | Tube, Vacuum, Single, 9/32" X 100 Ft | a/r |
| 2 | 4088270 | Valve, Ram, Vacuum Transfer | 1 |
| 3 | 4088105 | Adapter, Pulsator, Waikato | 1 |
| 4 | 4088095 | Conduit, Flexible, 25 mm | a/r |
| 5 | 8518021 | Hose, Twin Plstc, .28 x 100 ft | a/r |
| 6 | 3557060 | Adapter, 3/4 Hose x 1/2 NPT | 1 |
| 7 | 3557059 | Label, Dual Valve | 1 |
| 8 | 3557058 | Plug, Ext, Plstc .31 | 1 |
| 9 | 3557052 | Valve Assy, Solenoid | 2 |
| 10 | 1917657 | Connector, Term Strip, 4-pos | 1 |

Notes:

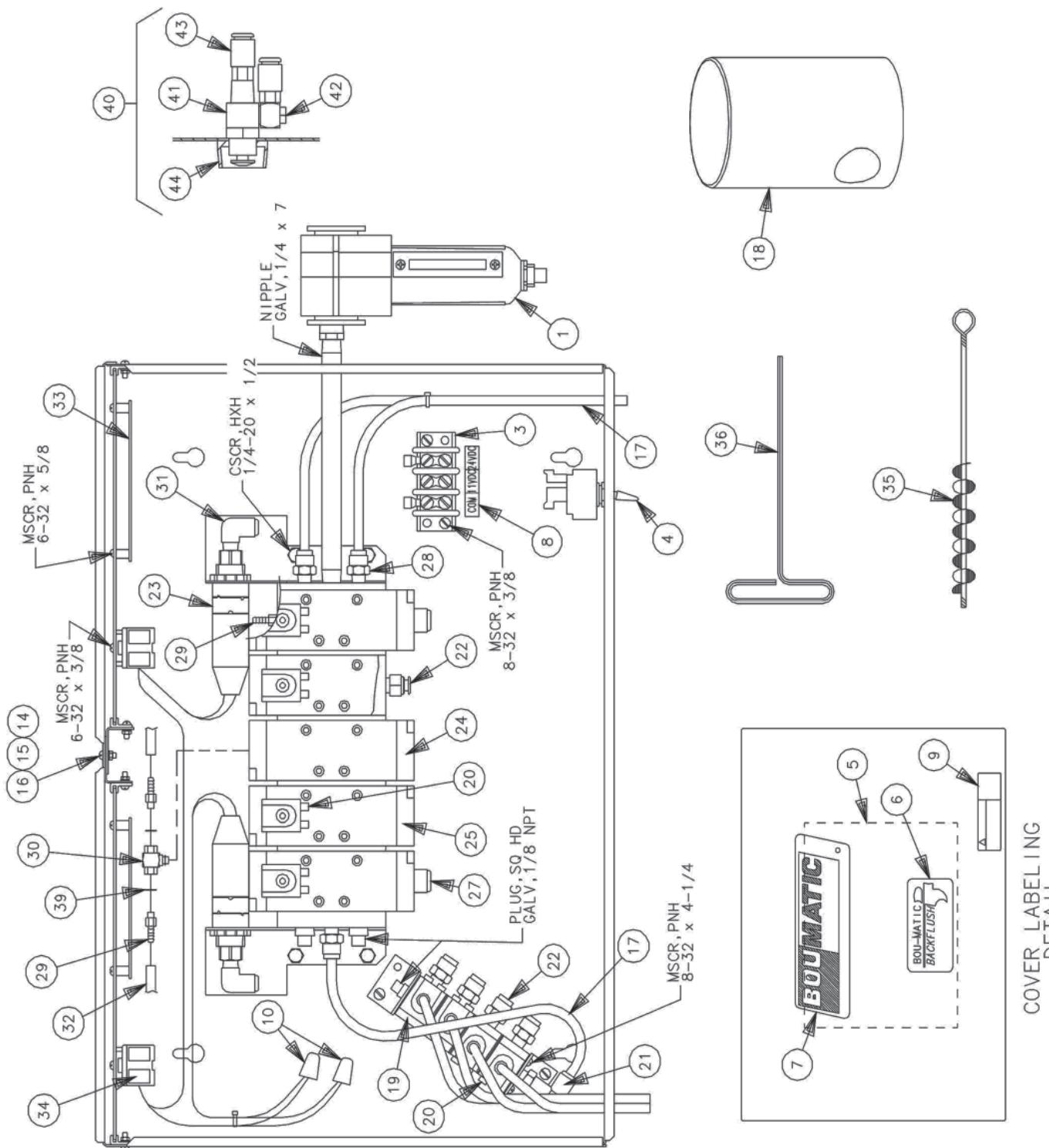
1. Replaced by 40163932C. Note that this is a 100-foot roll.



Pinchoff Sensor/Shutoff Assembly

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------|----------|--|--------------------------|
| 3556998 | | Sensor/Shutoff Assy, Pinchoff | - |
| 1 | 3553722 | Sensor Assy, Pinchoff | 1 |
| 2 | 3557006 | Bracket, Mtg, Pinchoff | 1 |
| 3 | 3557005 | Valve Assy, Pinchoff (Includes Items 4 thru 13) | 1 |
| 4 | 3556707 | Valve, Bottom, Pinchoff | 1 |
| 5 | 3556607 | Top, Pinchoff | 1 |
| 6 | 3557698 | Bar, Diaphragm | 1 |
| 7 | 3556614 | Retainer, Diaphragm | 2 |
| 8 | 3555617 | Diaphragm, 1000V, Molded | 1 |
| 9 | 3554085 | Conn, Swl, Elb, 1/4 OD x 1/8 NPT | 1 |
| 10 | 3556704 | Guide, Hose, Pinchoff | 2 |
| 11 | 3555470 | Hose, Rbr, .62 x 18.00, Frmd | 1 |
| 12 | 3556712 | Loop, Pinchoff | 1 |
| 13 | 3553772 | Tube, SS, .75 x .049 x 2.50 | 1 |

Control Assembly Group Backflush



Control Assembly Group Backflush

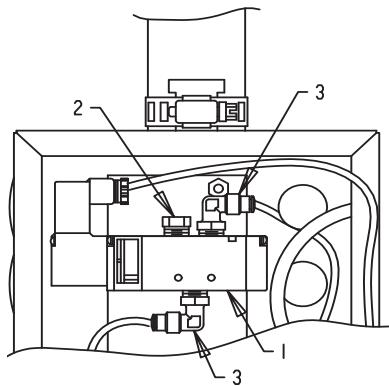
| | |
|-----------------------|--------------------|
| SECTION D | PAGE 145 |
| EFFECTIVE: 2/18/20 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------------------|-----------------------------|--|--------------------------|
| | 3554044 | ⊗ | Control Assy, Group B/F | - |
| 1 | 3557400 | | Filter, Air w/Auto Drain, 3/8 NPT (Includes item 2) | 1 |
| 2 | 3557401 | ⊗ n/s | Kit, Repair, Filter, Air, 40 Micron | 1 |
| 3 | 4079114 | ⊗ | Block, Terminal, 3-Position | 1 |
| 4 | 8516824 | | Switch, Toggle, DPST, On-Off, VDE | 1 |
| 5 | 3554129 | ⊗ | Label, Wiring Diag | 1 |
| 6 | 3553299 | ⊗ | Label, Bou-Matic/Backflush | 1 |
| 7 | 8506167 | | Label, Bou-Matic, 3.00 x 10.00 | 1 |
| 8 | 3552049 | ⊗ | Label, Power | 1 |
| 9 | 3554164 | ⊗ | Label, Caution, On-Off | 1 |
| 10 | 3553423 | ⊗ | Conn, Wire, 18-14 AWG, PKG 100 (No. reqd represents number of parts not packages of 100) | 2 |
| 11 | 3551863 ³ | ⊗ n/s | Nut, Speed, #10 (Use ONLY with item 12 [1027275]) | 2 |
| | 1223380 ³ | ⊗ | Nut, Hex, Flange, Lck, 10-32, ZP0 (Use ONLY with item 12 [1096216]) | 2 |
| 12 | 1027275 ³ | n/s | TFSCR, PNH, SS, 10-16 x 1/2 AB MSCR, PNH, SS, 10-32 x 3/8 | 2 |
| 13 | 1024179 ⁴ | n/s | TCSKR, PNH, SS, 8-32 x 3/8 F | 6 |
| 14 | 1096163 | | MSCR, PNH, SS, 6-32 x 3/8 | 6 |
| 15 | 1209382 | | Wshr, Lock, Hld Spr, SS, #6 | 6 |
| 16 | 1204377 | | Nut, Hex, MSCR, SS, 6-32 | 6 |
| 17 | 8519183 | ⊗ | Tube, Nylon, .25 x .035 (Part No. represents 1 foot) | a/r |
| | 3560897 | | Hose, Nylon, Natural, 1/4 OD | a/r |
| 18 | 3554216 | ⊗ n/s | Valve, Diaph, Air, Oprd, 1 NPT (See items 45 thru 47 for service parts) | 2 |
| | 3554773 | | Valve, Chem, Air Oprd, 1 NPT (See items 48 and 49 for service parts) | 2 |
| 19 | 3554066 | | Valve, Sol, N/C, 1/8 NPT, 24 DC (Includes 1 of item 20) | 4 |
| 20 | 3554184 | ⊗ | Coil, Solenoid-Valve, 24V | 8 |
| 21 | 3554085 | | Conn, Swl, Elb, 1/4 OD x 1/8 NPT | 1 |
| 22 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 10 |
| 23 | 3555741 | | Switch, Pneumatic | 2 |
| 24 | 8517248 | | Valve, 4-Way, Pilot, 1/4 NPT | 1 |
| 25 | 3556376 | | Valve, Sol, 4-Way, 1/4 NPT, 24 DC (Includes 1 of item 20) | 4 |
| | | | Kit, Rebuild, 4-Way Valve, 24V Includes the following: 1 Gasket, "A" Side Flow 1 Gasket, "B" Side Flow 2 U-Cup, Piston 2 Piston 2 Retaining Ring | a/r |
| 26 | 3554183 | ⊗ n/s | 2 Support 6 Seal 4 Cage 1 Pressure Cage 1 Spool 1 Gasket, Sub-Base 3 Gasket, Port 1 Instructions | |

Note:

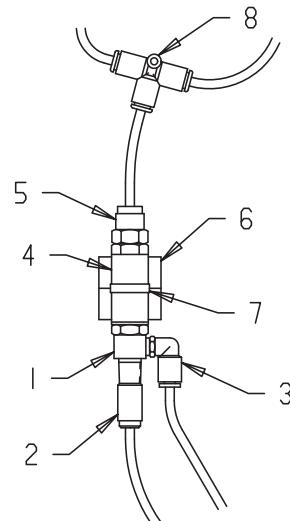
1. Use only for service on old style Valve 3554216.
2. Use only for service on new style Valve 3554773.
3. Used to fasten wrapper to backplate
4. Used to fasten cover to wrapper.
5. Not supplied with Control Assembly.

Milk Sweep Valve Kit



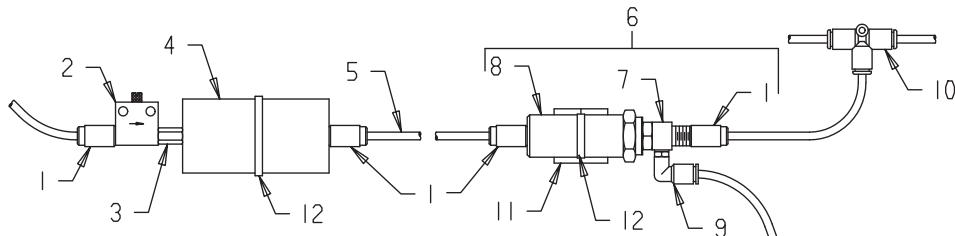
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|----------------|----------|--|--------------------------|
| 8515896 | | Kit, Valve, Milk Sweep | - |
| 1 | 8515895 | Valve, Pilot, 4-Way, Solenoid | 1 |
| 2 | 1431240 | Plug, Hex HD, Brass, 1/8 | 1 |
| 3 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 2 |
| 4 | ----- | Literature 9E-705 (Installation & Operation Instructions) | a/r |

Backflush Auto-Start Valve Assembly



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|----------------|----------|-----------------------------|--|--------------------------|
| 3554468 | ⊗ | | Valve Assy, Auto-Shut, Bf | - |
| 1 | 8552280 | | Valve, 3-Way, Pushbutton | 1 |
| 2 | 3554086 | | Conn, Push, 5/32 OD x 10-32 | 1 |
| 3 | 3554424 | | Conn, Swl, Elb, 5/32 OD x 10-32 | 1 |
| 4 | 3554525 | ⊗ | Operator, Air Pilot, Snap | 1 |
| 5 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 1 |
| 6 | 1979400 | | Rtnr, Misc, Sm Mount, Nylon | 1 |
| 7 | 1979000 | | Rtnr, Cable Tie, 3.75 x .09 | 1 |
| 8 | 8507090 | | Conn, Push, Union Tee, 5/32 | 1 |
| 9 | ----- | | Literature 9E-668 (Installation & Operation Instructions) | a/r |

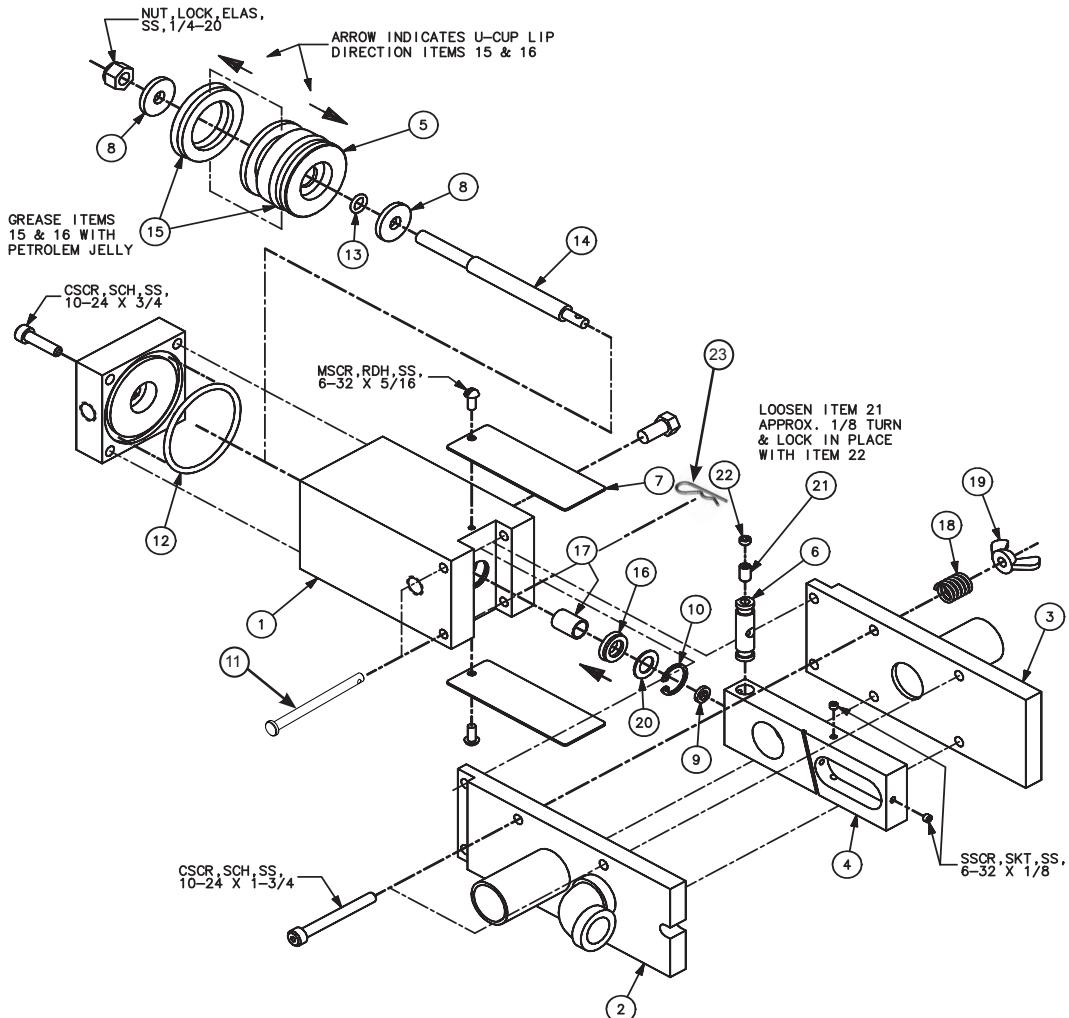
Group Backflush Time Delay Valve Assembly



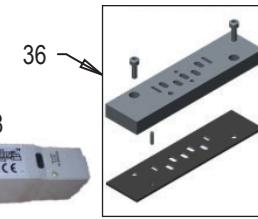
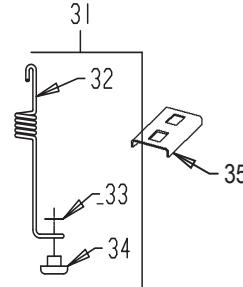
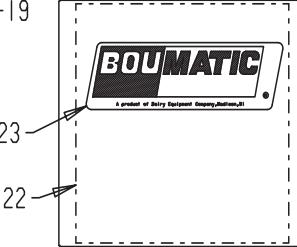
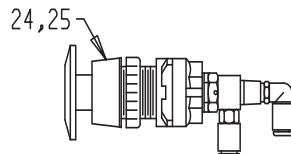
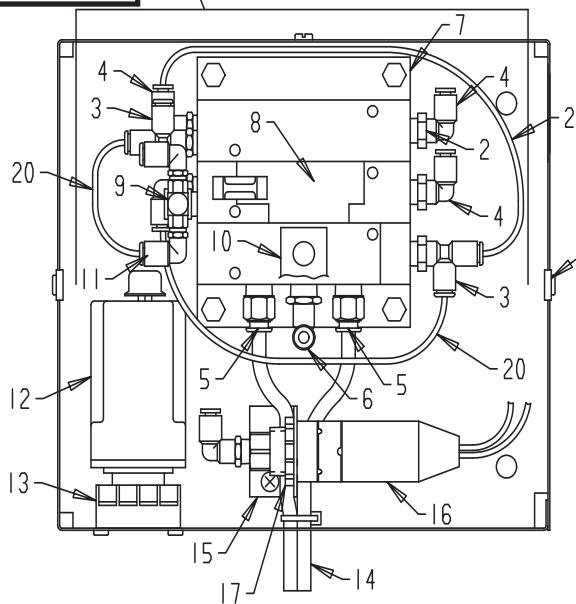
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|----------------|----------|-----------------------------|---|--------------------------|
| 3554583 | ⊗ | | Valve Assy, Time Delay, GPBF | - |
| 1 | 3554086 | | Conn, Push, 5/32 OD x 10-32 | 4 |
| 2 | 3554577 | ⊗ | Control, Speed, Valve Assy | 1 |
| 3 | 8552289 | ⊗ | Nipple, Hex, Brs, 10-32 | 1 |
| 4 | 3554576 | ⊗ | Chamber, Valve Assy, GPBF | 1 |
| 5 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r |
| 6 | 3554582 | ⊗ | Valve Assy, Pulse, 5/32 (Includes one each of items 7-9 & 2 of item 1) | 1 |
| 7 | 8552280 | | Valve, 3-Way, Pushbutton | 1 |
| 8 | 3554578 | ⊗ | Operator, Air Pilot, 34ASR | 1 |
| 9 | 3554424 | | Conn, Swl, Elb, 5/32 OD x 10-32 | 1 |
| 10 | 8507090 | | Conn, Push, Union Tee, 5/32 | 1 |
| 11 | 1979400 | | Rtnr, Misc, Sm Mount, Nylon | 2 |
| 12 | 1979000 | | Rtnr, Cable Tie, 3.75 x .09 | 2 |
| 13 | ----- | | Literature 9E-540 (Installation & Operation Instructions) | a/r |

Backflush Valve Assembly 3/4

| | |
|-----------------------|--------------------|
| SECTION D | PAGE 147 |
| EFFECTIVE: 6/28/18 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. | |
|------|----------------|-----------------------------|------------------------------------|-----------|---------|
| | | | | A/F | AS REQ. |
| - | 8512600 | | Valve Assy, Backflush, 3/4 | - | - |
| 1 | 8511439 | | Body,Cylinder,B/F Valve | 1 | |
| 2 | 8512601 | | Nipple Assy,B/F,Chem.,Machined | 1 | |
| 3 | 8511426 | | Nipple Assy,B/F,Milk,Machined | 1 | |
| 4 | 8511433 | | Body,Slide,B/F Valve,3/4 | 1 | |
| 5 | 8511437 | | Piston,Cylinder,B/F Valve | 1 | |
| 6 | 8511434 | | Pin,Slide,B/F Valve | 1 | |
| 7 | 8511441 | | Cover,Side,B/F Valve | 2 | |
| 8 | 8511438 | | Washer,Rod,1/4 ID X 3/4 OD | 2 | |
| 9 | 8511435 | | Washer,Rod,3/16 ID X 3/8 Od | 1 | |
| 10 | 8511443 | | Ring,Retaining,SS,INTL,.562 | 1 | |
| 11 | 8511452 | ⊗ | Pin,Hitch,Ring,SS,3/16 X 2.00 | 2 | |
| | 8592901 | | PIN,3/16 x 2.5 SS | 2 | |
| 12 | 8511458 | | O-ring,1.612 X .103 | 1 | |
| 13 | 8500726 | | O-ring,.239 X .070,Buna -N | 1 | |
| 14 | 8511436 | | Rod,Piston | 1 | |
| 15 | 8511454 | | U-cup, Packing, 1.00 ID X 1.464 OD | 2 | |
| 16 | 8511453 | | U-cup, Packing, .336 ID X .536 OD | 1 | |
| 17 | 8511459 | | Sleeve, Plastic, .375 OD X .318 OD | 1 | |
| 18 | 8511460 | | Spring, Compr., .420-.055 .50 | 4 | |
| 19 | 1206379 | ⊗ | Nut, Wing, SS,10-24 | 4 | |
| 20 | 8511469 | | Washer,.33 ID X .562 OD X .030,SS | 1 | |
| 21 | 1015216 | | SSCR,SKT,SS,10-32 X 3/8 | 1 | |
| 22 | 1019641 | | SSCR,SKT,SS,10-32 X 1/8 | 1 | |
| 23 | 8592900 | | RING, RETAINING, PIN | 2 | |

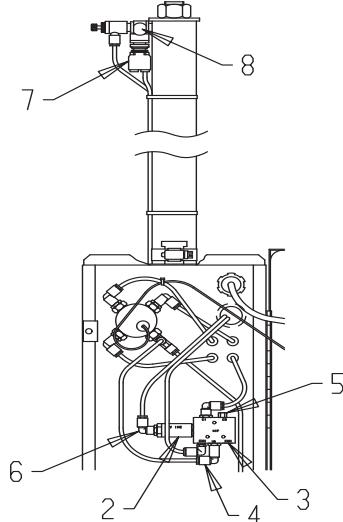
Claw Drop Control Assemblies (Manual & Auto)COVER DETAIL
(SHOWN HALF SCALE)

| ITEM | PART NO. | X=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=aS REQ. | |
|------|----------------------|-----------------------------|---|--------------------------|-----|
| | | | | 254 | 242 |
| | 8507254 | ⊗ | Control Assy, Claw Drop, Manual | | |
| | 8507242 | ⊗ | Control Assy, Claw Drop, Auto (shown) | 242 | |
| 1 | 8507253 | ⊗ | Manifold, 2-Station (Includes items 2 thru 8) | 1 | - |
| | 8507240 | ⊗ | Manifold, 3-Station (Includes items 2 thru 11) | - | 1 |
| 2 | 1431240 | | Plug, Hex Hd, Brass, 1/8 | 3 | 2 |
| 3 | 3554331 | | Conn, Push, Tee, 5/32 x 1/8 NPT | 2 | 1 |
| 4 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 5 | 5 |
| 5 | 8507100 | | Conn, Push, 1/4 x 1/4 NPT | 2 | 2 |
| 6 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 1 | 1 |
| 7 | 8553480 | ⊗ | Bracket, Mtg, Manifold | 2 | 2 |
| 8 | 8507233 ¹ | ⊗ | Valve, 4-Way, 5 Port, 2 Pos | 1 | 1 |
| | 8592214 | | Valve, Replacement, CNTRL, Stall | a/r | a/r |
| 9 | 8507053 | | Valve, Shuttle, 10-32 | - | 1 |
| 10 | 8507241 | ⊗ | Valve, Pilot, 3-Way, Solenoid | - | 1 |
| 11 | 3554424 | | Conn, Swl, Elb, 5/32 OD x 10-32 | - | 2 |
| 12 | 8507239 | ⊗ | Timer, Programmable, Delay Relay | - | 1 |
| 13 | 8507238 | ⊗ | Terminal, Socket, 8-Pin | - | 1 |
| 14 | 8519183 | ⊗ | Tube, Nylon, .25 x .035 | a/r | a/r |
| | 3560897 | | Hose, Nylon, Natural, 1/4 OD | a/r | a/r |
| 15 | 8507243 | ⊗ | Bracket, Switch | - | 1 |
| 16 | 3555741 | | Switch, Pneumatic | - | 1 |
| 17 | 8513814 | | Nut, Lock, Conduit, 1/2 NPT | - | 1 |
| 18 | 8518844 | ⊗ | n/s Plate, Legend, Up | 1 | 1 |
| 19 | 3551200 | | Nut, Speed, #8 | 2 | 2 |
| 20 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100Ft | a/r | a/r |

| | | | | |
|----|----------------------|---|-----|-----|
| 21 | 3554174 | Hose, Nyl, Red, 5/32 OD x 100Ft | a/r | a/r |
| | 8507256 | ⊗ Label, Air Logic Diagram | - | 1 |
| 22 | 8507251 | ⊗ Label, Air Logic, Wiring Diag | 1 | - |
| 23 | 8506120 | Label, Bou-Matic, 2.25 x 6 | 1 | 1 |
| 24 | 8511420 | ⊗ Valve Assy, Pushbutton, Blk (Parts on page F-54) | 1 | 1 |
| | 8518221 | Valve Assy, Pushbutton, 4-Color | 1 | 1 |
| 25 | 8511419 | ⊗ Valve Assy, Pushbutton, Grn (Parts on page F-54) | 1 | - |
| 26 | 8507088 | n/s Conn, Push, Union, Y, 5/32 | 2 | 2 |
| 27 | 3554159 | n/s Conn, Push, 5/32 OD x 1/8 NPT | 1 | 1 |
| 28 | 8518845 | ⊗ n/s Plate, Legend, Down | 1 | - |
| 29 | - - - | Literature 9P-611 (Detacher Retrofit & Operating Instructions) | a/r | a/r |
| 30 | 8507258 | ⊗ Kit, Claw Drop, 2-Group (Includes items 8, 18, 24 & 27) | a/r | a/r |
| 31 | 8500899 ² | Kit, Drop-Down Guide (Includes items 32 thru 35) | a/r | a/r |
| 32 | 8509257 | Guide, Drop-Down | 1 | 1 |
| 33 | 3551909 | Ring, Retaining, Push-on, Ext., .75 | 1 | 1 |
| 34 | 3554396 | Bushing, Chain Guide | 1 | 1 |
| 35 | 8509258 | Clip, .19 x .81 x 1.50 | 1 | 1 |
| 36 | 8592213 | Kit, Transition, Valve, CNTRL, Stall | a/r | a/r |

Note:

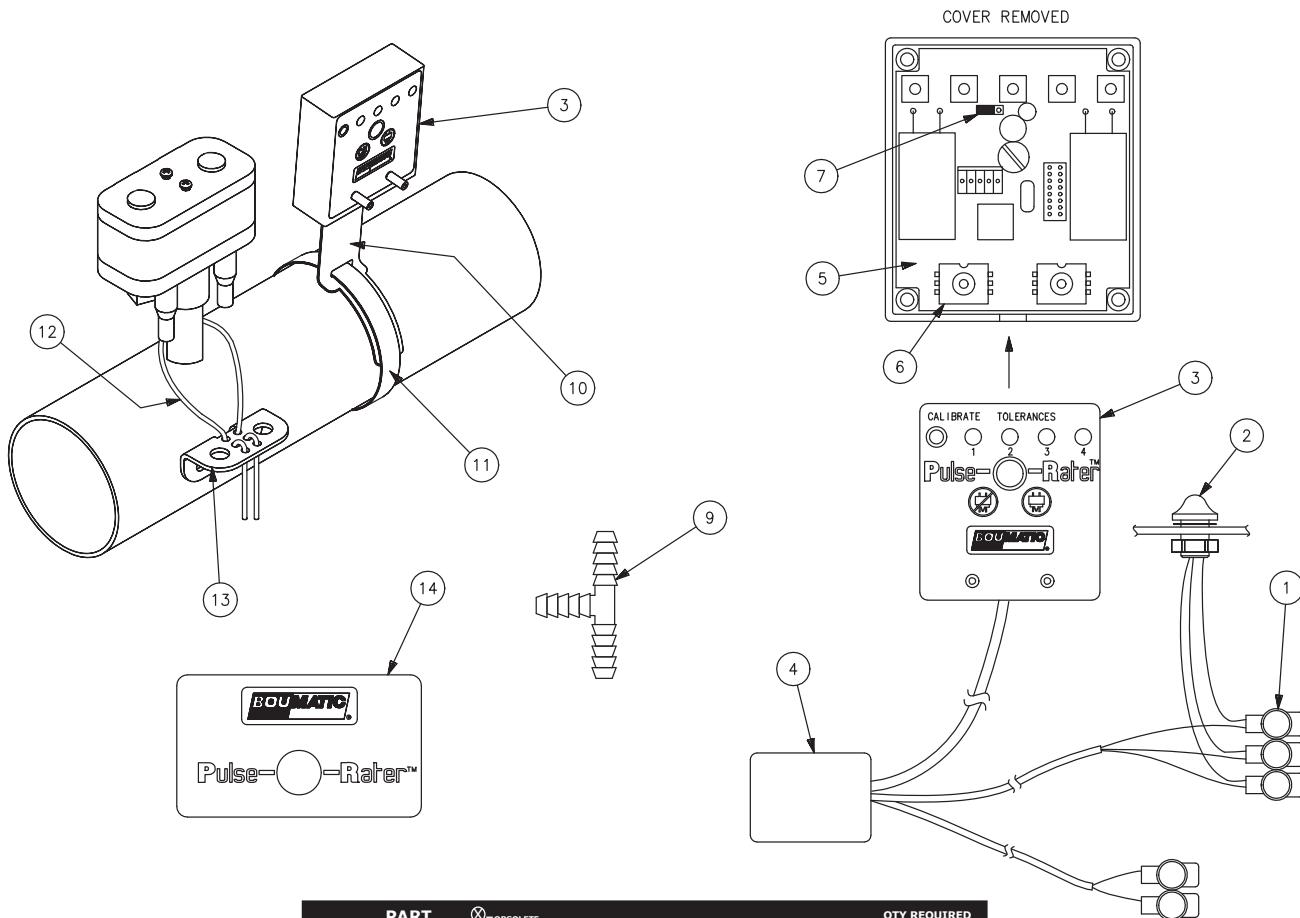
1. Both 8592214 and 8592213 (item 36) are required to replace 8507233.
2. Drop-down guide kit not included with claw drop control assemblies.

Claw Drop Kit

| ITEM | PART NO. | X=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=aS REQ. | |
|------|----------|-----------------------------|--|--------------------------|-----------------|
| | | | | 8507252 | Kit, Claw, Drop |
| 1 | 8507250 | ⊗ | Valve Assy, Claw Drop (Includes items 2 thru 6) | | 1 |
| 2 | 3554332 | | Operator, Air Pilot | | 1 |
| 3 | 8507235 | ⊗ | Valve, 4-Way, Pushbutton | | 1 |
| 4 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 3 | |
| 5 | 1431240 | | Plug, Hex Hd, Brass, 1/8 | | 1 |
| 6 | 3554424 | | Conn, Swl, Elb, 5/32 OD x 10-32 | | 1 |
| 7 | 8507248 | | Sensor, Threshold, Plug-In, 5/32 | | 1 |
| 8 | 8507249 | | Socket, Banjo, 1/8 | | 1 |
| 9 | 8507090 | n/s | Conn, Push, Union Tee, 5/32 | | 1 |

Pulse-O-Rater™

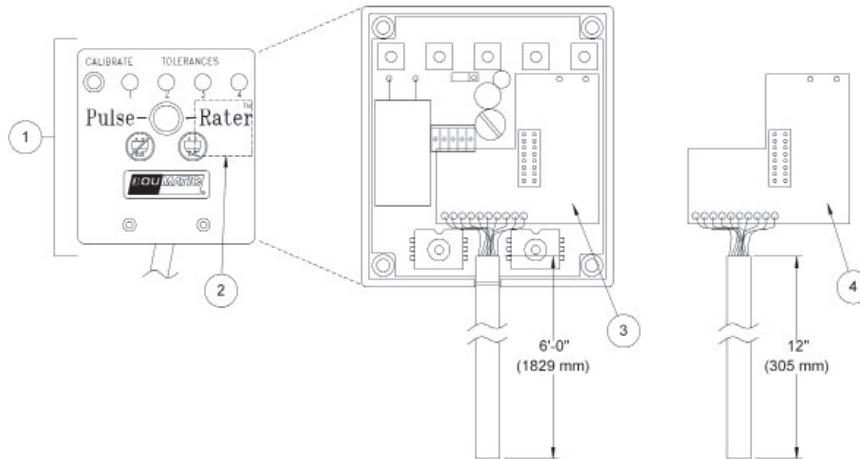
| | |
|-----------------------|--------------------|
| SECTION D | PAGE 149 |
| EFFECTIVE: 3/22/19 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED |
|----------------|----------|---|---------------------|
| | | ⊗ = OBSOLETE n/s = NOT SHOWN | (a/r = AS REQUIRED) |
| 3558214 | ⊗ | Pulse-O-Rater™ | 214 |
| 3558218 | ⊗ | Pulse-O-Rater™ W/Remote | 218 |
| 1 | 3554292 | Connector, Communication | - 3 |
| 2 | 3558294 | LED, Indicator Assy, Pulse-O-Rater | - 1 |
| 3 | 3558221 | Cover, Pulse-O-Rater, w/Label | 1 1 |
| 4 | 3558295 | Adapter, Indicator, Remote | - 1 |
| 5 | 3558234 | PWB Assy, w/o Sensors, Pulse-O-Rater | 1 1 |
| 6 | 3658234 | *PWB Assy, w/o sensors, Pulse-O-Rater | 1 1 |
| 7 | 3558227 | Sensor, Vac, Pulse-O-Rater (Pkg of 2) | 1 1 |
| 8 | 3558980 | Kit, Vacuum Sensor (Pkg of 2) | 1 1 |
| 9 | 3558233 | Wire Assy, Voltage jumper,P-O-R | 1 1 |
| 10 | ----- | | |
| 11 | 3553791 | Tee, Nyl, 3/8 x 3/8 x 3/8 | 1 1 |
| 12 | 3558291 | Bracket, Mount, Pulse-O-Rater | 1 1 |
| 13 | 8500856 | Clamp, Hose, SS, #64 | 1 1 |
| 14 | 3558408 | Cable, SS, Nylon Jacket | 1 1 |
| 15 | 3558406 | Retainer, Tee, Pulsator | 1 1 |
| 16 | 3558292 | Label, remote, Pulse-O-Rater | - 1 |
| | 3558231 | Indicator, Remote, Pulse-O-Rater™ (Includes items 1, 2, 4, 10, 11, & 14) | - 1 |
| | ----- | Literature 9E-813 (Installation, Operation & Maintenance) | ref ref |

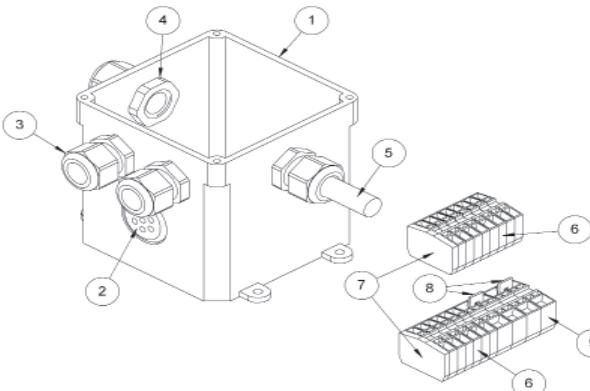
PulseMetrix Assembly, New Install and Upgrade Kit

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------|-------------------------------------|--------------------------|
| | 3558795 | PulseMetrix Assy, New Install | 795 |
| | 3558759 | Pwb Assy, PulseMetrix | 759 |
| 1 | 3558214 | Pulse-O-Rater (Parts on Page D-141) | 1 - |
| 2 | 3558796 | Spacer, Foam | 1 - |
| 3 | 3558759 | Pwb Assy, PulseMetrix | 1 1 |
| 4 | 3558794 | Pwb Assy, PulseMetrix, Milk/Wash | - - |



Enclosure Assembly, PulseMetrix

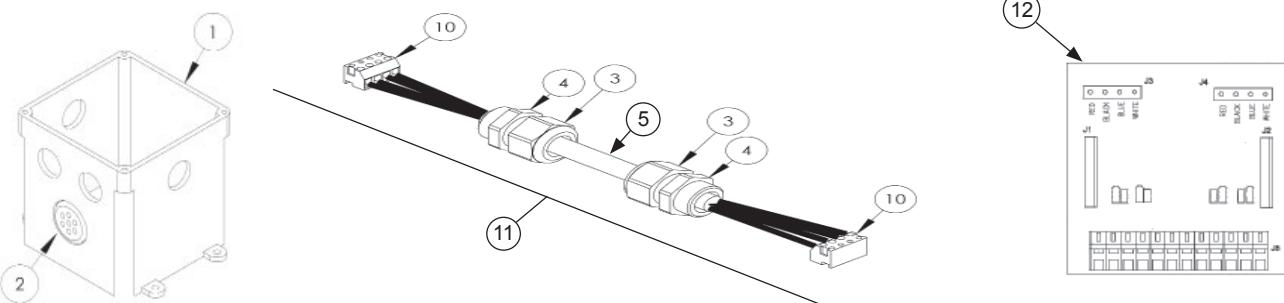
Earlier Version



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------------------|---------------------------------------|--------------------------|
| | 3558774 | Enclosure Assy, PulseMetrix | - |
| 1 | 3558762 | Enclosure, Modified | 1 |
| 2 | 3556157 | Grommet, Multiple, 5/32 | 1 |
| 3 | 1917532 ¹ | Conn, Str-Rif, 0.27-0.46, 1/2 NPT | 4 |
| 4 | 1917551 | Connector, Dome, Nut, 1/2 NPT | 4 |
| 5 | 1997534 ¹ | Cable, 4-Cond, 18/16 GA, Gray | a/r |
| 6 | 1917673 ¹ | Connector, Term Block, 2-Pos | 14 |
| 7 | 1915608 ¹ | Conn, Term Blk, End Plate | 2 |
| 8 | 1915607 ¹ | Con, Term Blk, 2-Pos, Jumper | 2 |
| 9 | 1917673 ¹ | Connector, Term Block, 4-Pos | 4 |
| 10 | 1917632 ¹ | Connector, Term Strip, 4-Pos | 2 |
| 11 | 3558970 ¹ | Cable Assy, PulseMetrix, Pwb/Comm | 1 |
| 12 | 3558935 ¹ | n/s Pwb Assy, Connection, PulseMetrix | 1 |

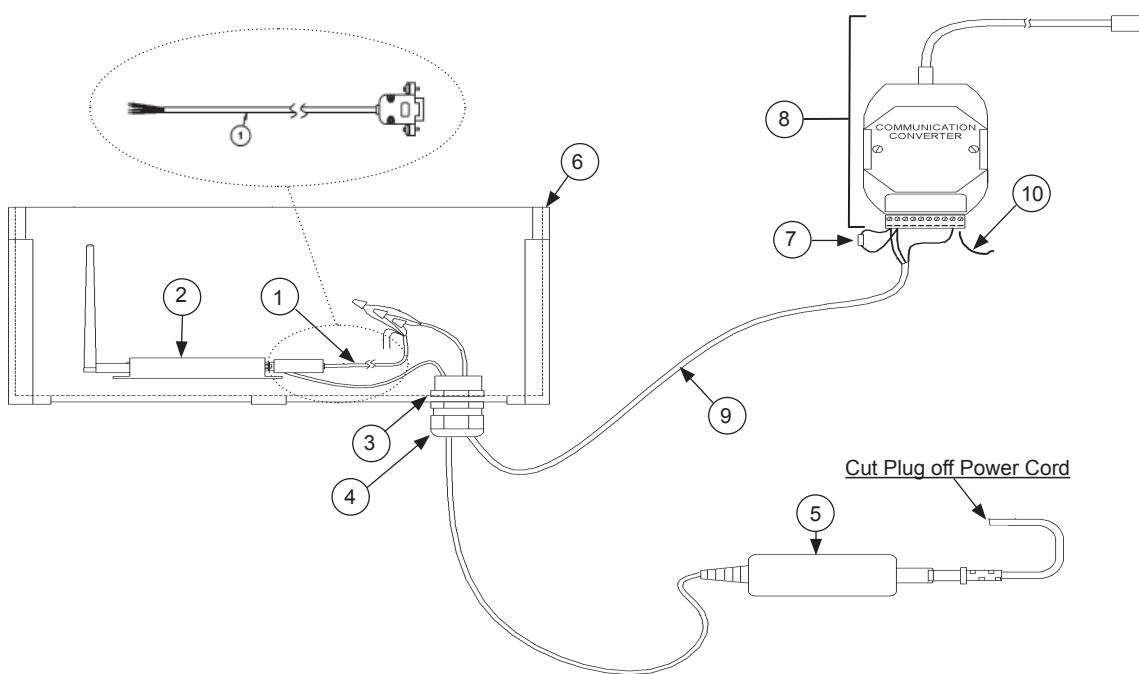
Note:
1. Items not included in Enclosure Assembly, PulseMetrix - 3558774.

Current Version



Kit, RF Modem, Enclosure

| | |
|-----------------------|--------------------|
| SECTION D | PAGE 151 |
| EFFECTIVE: 1/30/06 | |



| ITEM | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|----------------|----------------------|-----------------------------|---|-------------|
| | | | | a/r=AS REQ. |
| 3558853 | | ⊗ | Kit, RF Modem, Enclosure | - |
| 1 | 3558847 | | Cable Assy, RF Modem | 1 |
| 2 | 3558849 | | Modem, RF, 232/485, 38.4K | 1 |
| 3 | 1917551 | | Connector, Dome, Nut, 1/2" NPT | 1 |
| 4 | 1917532 | | Conn, Str-Rif, .27 - .46, 1/2" NPT | 1 |
| 5 | 3558848 | | Transformer, 100-240V, 9V DC/1.3A | 1 |
| 6 | 3558846 | | Enclosure, RF Modem | 1 |
| 7 | 3557453 ¹ | | Termination, Resistor, PRISM | 1 |
| 8 | 3558928 ¹ | ⊗ | Converter, USB-PRISM/RS-232 | 1 |
| 9 | 3558754 ¹ | | Cable, 2-Cond, 18GA, Blu/Wht, 500' | a/r |
| 9 | 3558755 ¹ | ⊗ | Cable, 2-Cond, 18GA, Blu/Wht, 1000' | a/r |
| 10 | 3558930 ¹ | ⊗ | Wire Assy, Communication Conv | 1 |
| 11 | ----- | | Lit. 9E-869 (Installation Instructions) | a/r |

Note:

1.Items not included in Kit, RF Modem (3558853).

PulseMetrix Kits

| ITEM PART NO. | DESCRIPTION | QTY REQUIRED (a/r=as required) | Upgrade Kits |
|---------------|--|-----------------------------------|------------------|
| - 3558797 | n/s-not shown Kit, PulseMetrix, 2 x 6 | 797 | 3558819 - 2 x 6 |
| - 3558798 | Kit, PulseMetrix, 2 x 8 | 798 | 3558820 - 2 x 8 |
| - 3558799 | Kit, PulseMetrix, 2 x 10 | 799 | 3558821 - 2 x 10 |
| - 3558800 | Kit, PulseMetrix, 2 x 12 | 800 | 3558822 - 2 x 12 |
| - 3558801 | Kit, PulseMetrix, 2 x 16 | 801 | 3558823 - 2 x 16 |
| - 3558802 | Kit, PulseMetrix, 2 x 18 | 802 | 3558824 - 2 x 18 |
| - 3558803 | Kit, PulseMetrix, 2 x 20 | 803 | 3558825 - 2 x 20 |
| - 3558804 | Kit, PulseMetrix, 2 x 22 | 804 | 3558826 - 2 x 22 |
| - 3558805 | Kit, PulseMetrix, 2 x 24 | 805 | 3558827 - 2 x 24 |
| - 3558806 | Kit, PulseMetrix, 2 x 25 | 806 | 3558828 - 2 x 25 |
| - 3558807 | Kit, PulseMetrix, 2 x 30 | 807 | 3558829 - 2 x 30 |
| - 3558808 | Kit, PulseMetrix, 2 x 32 | 808 | 3558830 - 2 x 32 |
| - 3558809 | Kit, PulseMetrix, 2 x 35 | 809 | 3558831 - 2 x 35 |
| - 3558810 | Kit, PulseMetrix, 2 x 40 | 810 | 3558832 - 2 x 40 |
| - 3558811 | Kit, PulseMetrix, 2 x 45 | 811 | 3558833 - 2 x 45 |
| - 3558812 | Kit, PulseMetrix, 2 x 50 | 812 | 3558834 - 2 x 50 |
| - 3558813 | Kit, PulseMetrix, 30 PT Rotary | 813 | 3558835 - 30 PT |
| - 3558814 | Kit, PulseMetrix, 40 PT Rotary | 814 | 3558836 - 40 PT |
| - 3558815 | Kit, PulseMetrix, 50 PT Rotary | 815 | 3558837 - 50 PT |
| - 3558816 | Kit, PulseMetrix, 60 PT Rotary | 816 | 3558838 - 60 PT |
| - 3558817 | Kit, PulseMetrix, 72 PT Rotary | 817 | 3558839 - 72 PT |
| - 3558818 | Kit, PulseMetrix, 80 PT Rotary | 818 | 3558840 - 80 PT |
| - 0091046 | Swtr, PulseMetrix | 1 | |
| - 3558928-1 | Converter, USB-PRISM/RS232 | 1 | |
| - 3558774 | Enclosure Assy, PulseMetrix (Parts on Page D-142) | 7 | |
| - 3558795 | PulseMetrix Assy, New Install | 12 | |
| - 3558759 | Pub Assy, PulseMetrix (Upgrade Kit Only) (Parts on Page D-142) | 12 | |
| - 3557976 | n/s Power Supply, 24VDC, 4.0A, Din | 1 | |
| - 3556683 | n/s Plate Assy, Power Supply | 1 | |
| - 3556684 | n/s Enclosure, Hinged, 10 x 8 x 6 | 1 | |
| - 3556794 | Pub Assy, PulseMetrix, Milk / Wash | 1 | |
| - 3558231 | Indicator, Remote, Pulse-O-Rater (Parts on page D-141) | 13 | |
| - 3558291 | Bracket, MTG, Pulse-O-Rater (Part on page D-141) | 12 | |
| - 8500856 | n/s Clamp, Hose, #64 | 12 | |
| - 4015914 | n/s Switch, Toggle, 3PDT | 1 | |
| - 8505764 | n/s Terminal, Disc, Female, 16-14, 1/4, Full | 3 | |
| - 3558935 | Pub Assy, Connector, PulseMetrix | 7 | |
| - 3558970 | Cable Assy, PulseMetrix, Pwr/Comm | 7 | |
| - 1917632 | Connector, Terminal Strip, 4-Position | 2 | |
| - 3558929 | n/s Converter Wire Kit, Communication Transformer, 100 - 240V, 9 VDC / 1.3A | 1 | |
| - 3558847-1 | Cable Assy, RF Modem | - | |
| - 3558846-1 | Enclosure, RF Modem | - | |
| - 3558849-1 | Modem, RF, 232/485, 38.4K | - | |
| - 1917532-1 | Conn, Star/Rif, 27 - .46, 1/2 NPT Connector, Dome, Nut, 1/2 NPT | - | |
| - 3558796 | Spacer Foam (Upgrade Kit Only) (Part on Page D-141) | 12 | |
| - ----- | Literature 9E-865 (Installation Instructions) | - | |

Note:
1. In the Upgrade Kits, 3558795 is replaced with 3558759, and 3558796 is included.

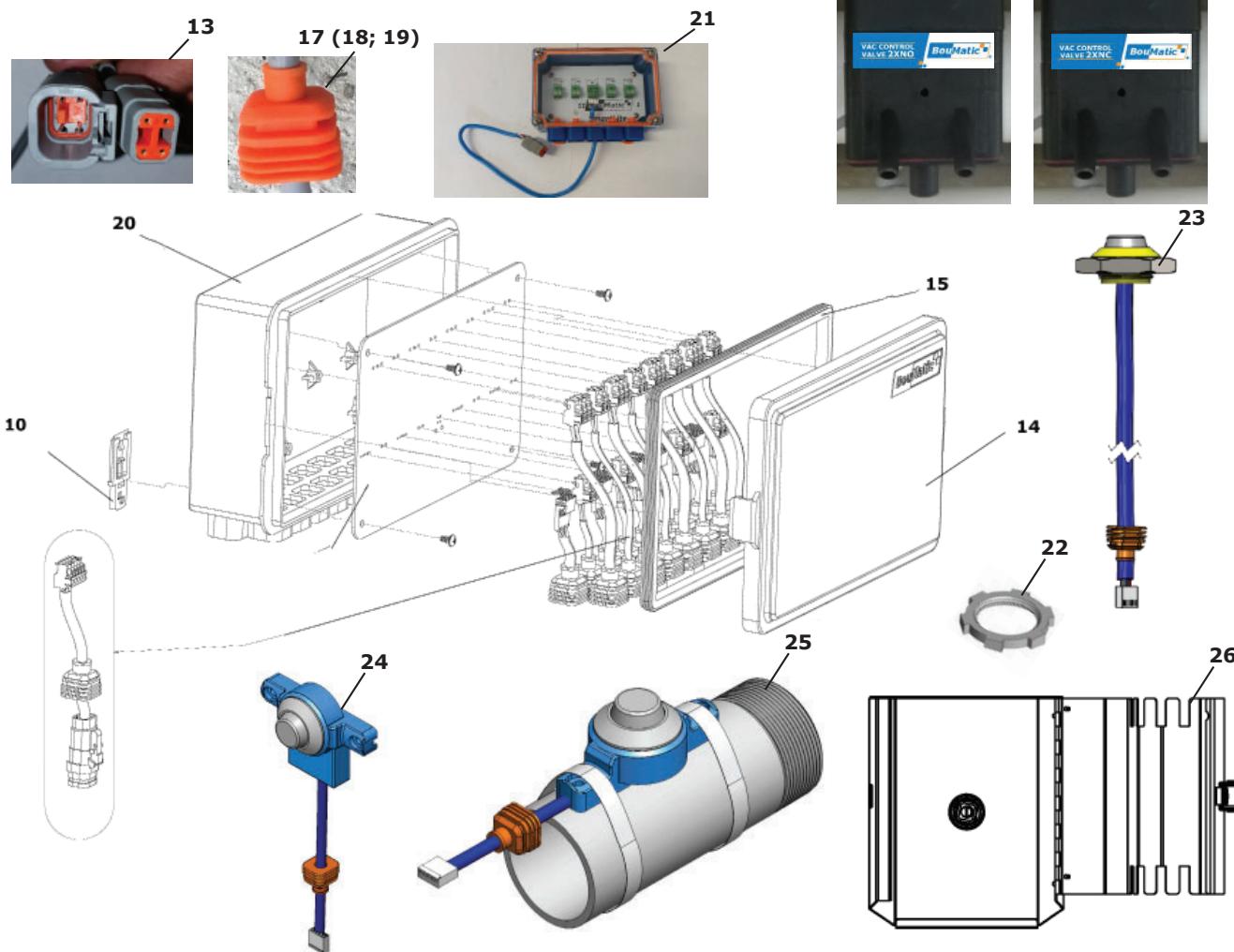
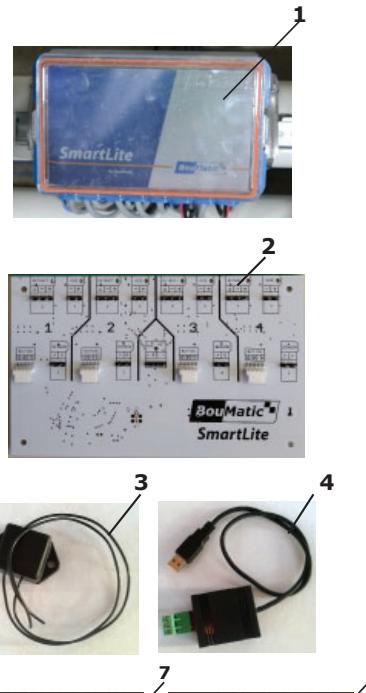
SmartLite Control Box

SECTION D PAGE 153
EFFECTIVE: 7/7/23

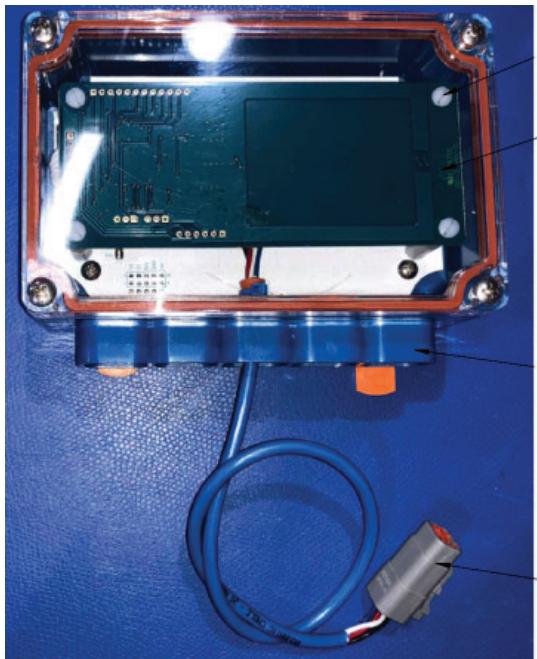
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|---------------------------------|-----------|--|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| 8591439 | | BOX,CONTROL,SMARTLITE | - |
| 1 | 8591409 | SMARTLITE CONTROL ENCLOSURE | a/r |
| 2 | 8591410 | SMARTLITE ELECTR. BOARD ASSY | a/r |
| 3 | 3562475 | TERM, PULSE MD, NTWRK | a/r |
| 4 | 8591426 | USB-CAN ADAPTER | a/r |
| 5 | 8591425 | ETHERNET-CAN (4 CAN NETWORKS) | a/r |
| 6 | 8591438 | BUTTON,MULTICOLOR,SMARTLITE (Replaced by 8592835 - Item 22) | a/r |
| 7 | 8591559 1 | VALVE,CONTROL,SMARTLITE,2X NC | a/r |
| 8 | 8591560 1 | VALVE,CONTROL,SMARTLITE,2X NO | a/r |
| 9 | 8591437 | n/s BRACKET,SMARTLITE BUTTON | a/r |
| 10 | 8591408 | ENCLOSURE DIN CLIP | a/r |
| 11 | 8591407 | n/s LIGHT PLUG CON.5/3.5MM,4/BOX | a/r |
| 12 | 8591406 | n/s CONTROL VALVES PLUG CON 3/5MM | a/r |
| 13 | 8591405 | POWER-NETWORK CON. 4/3.5MM | a/r |
| 14 | 8591398 | n/s SMARTLITE LID CONTROL | a/r |
| 15 | 8591397 | SMARTLITE GASKET CONTROL BOX | a/r |
| 16 | 8591396 | n/s CLICKIN PUSHOUT PLUG, BLIND | a/r |
| 17 | 8591395 | CLICKIN PUSHOUT PLUG, 4MM | a/r |
| 18 | 8591393 | CLICKIN PUSHOUT PLUG, 5MM | a/r |
| 19 | 8591394 | CLICKIN PUSHOUT PLUG, 6MM | a/r |
| 20 | 8591391 | n/s ENCLOSURE,BASE | a/r |
| 21 | 8591563 2 | I4 BOX | a/r |
| 22 | 8594450 | CONDUIT,LOCKNUT,SS,1" NPSM | a/r |
| SMARTLITE MOUNTING KITS: | | | |
| 23 | 8592835 | SMARTLITE BTN KIT, PANEL MOUNT | a/r |
| 24 | 8592790 | SMARTLITE BTN KIT, CURB MNT | a/r |
| 25 | 8592789 | SMARTLITE BTN KIT, PIPE, MOUNT | a/r |
| 26 | 8594338 | ENCLOSURE ASSY, SMARTLITE | a/r |

1. See page D156 for repair parts.

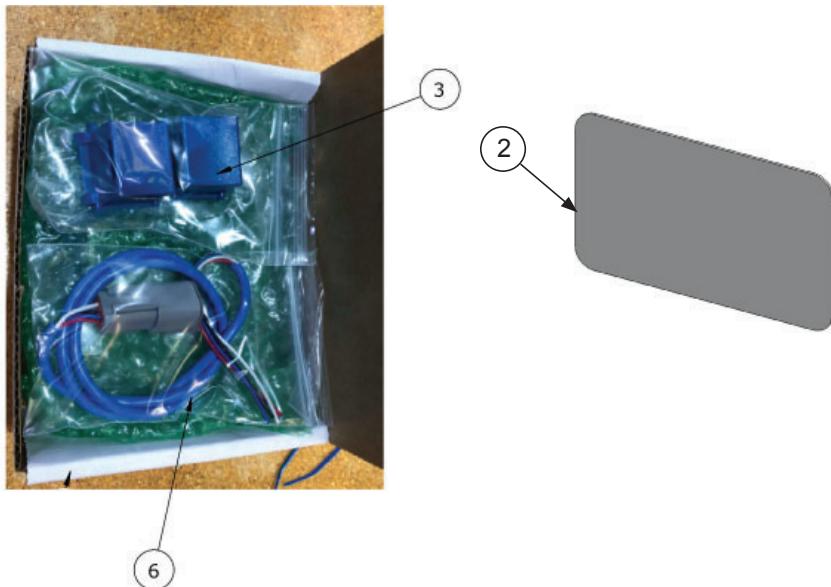
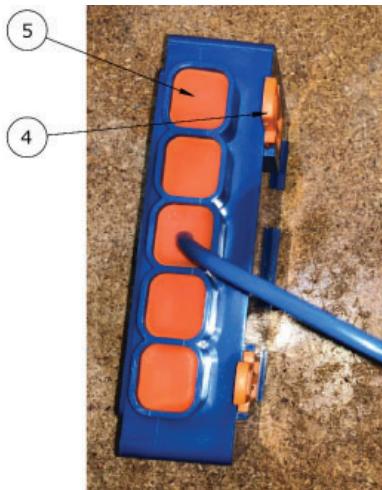
2. See page C57 for repair parts.



Stall Identifier for SmartLite



| ITEM | PART NO. | O = OBSOLETE n/s = NOT SHOWN | DESCRIPTION | QTY. REQ. |
|---------|----------|---------------------------------|--------------------------------|---------------|
| | | | | a/r = AS REQ. |
| 3563359 | | | IDENTIFIER,STALL,NFC | - |
| 1 | 3562836 | | Harness, NET POWER , SmartLite | 1 |
| 2 | 3563360 | | IDENTIFIER, CARD | a/r |
| 3 | 8592061 | | BLUE DIN BRACKET | 2 |
| 4 | 8591408 | | ENCLOSURE DIN CLIP | 2 |
| 5 | 8591396 | | CLICKIN PUSHOUT PLUG, BLIND | 4 |
| 6 | 3562835 | | T-Drop, PMD, Sub-assy | 1 |
| 7 | 3563391 | | PCBA,IDENTIFIER,STALL | 1 |

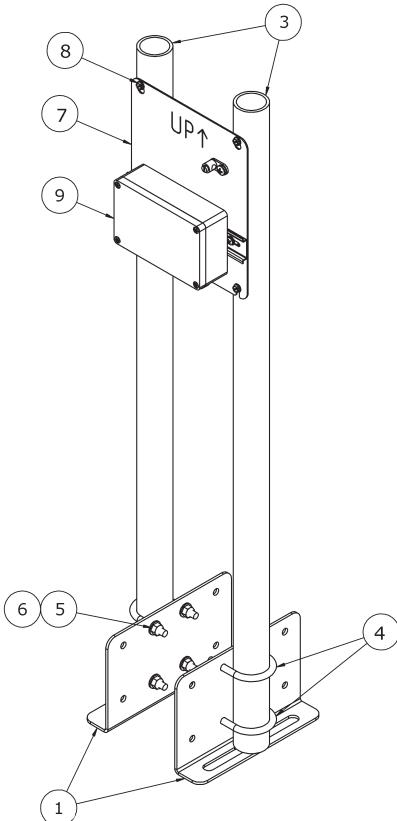


SmartLite Stall Reader Assembly

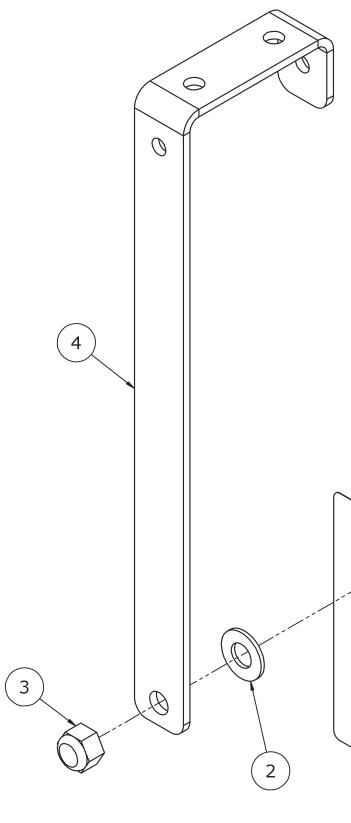
| | |
|----------------------|--------------------|
| SECTION D | PAGE 155 |
| EFFECTIVE: 7/7/23 | |

| ITEM | PART NO. | QTY. n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|----------------|----------------------------------|-----------------------|-------------------------------|--------------------------|
| 8597225 | KIT,RDR,STL,ROT,SMARTLITE | | | |
| 1 | 8504048 | 2 | BRACKET,ANCHOR,STALL READER | |
| 2 | 3556654 | n/s | KIT,ANCHOR BOLT,PK OF 4 | 1 |
| 3 | 8504075 | | PIPE,304,SCH 40,1.66 X36.00 | 2 |
| 4 | 3555958 | | U-BOLT,SS,5/16-18 X 2-1/2 IN. | 4 |
| 5 | 1222353 | | NUT,LOCK,ELAS,SS,5/16-18 | 8 |
| 6 | 1208387 | | WASHER,PLAIN,SS,5/16 NAR A | 8 |
| 7 | 3558683 | | PLATE ASSY,POWER SUPPLY | 1 |
| 8 | 1007200 | | TCSCH,HXWH,SS,10-24 X 1/2 F | 4 |
| 9 | 3563359 | | IDENTIFIER,STALL,NFC | 1 |
| - | 3562836 1 | | Harnesss, Net Power, SL | 1 |
| - | 8592061 1 | | Bracket, Din, Blue | 2 |
| - | 8591408 1 | | ENCLOSURE DIN CLIP | 2 |
| - | 8591396 1 | | CLICKIN PUSHOUT PLUG, BLIND | 4 |
| - | 3562835 1 | | T-Drop, PMD, Sub-assy | 1 |
| - | 3563391 1 | | PCBA,IDENTIFIER,STALL | 1 |

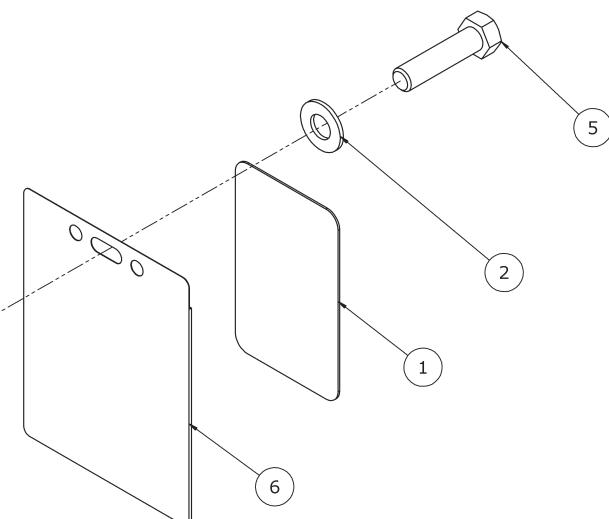
Note: 1. Item is part of 3563359. See page D154 for details.



SmartLite Pouch Assembly



| ITEM | PART NO. | QTY. n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|----------------|----------------------------------|-----------------------|----------------------------|--------------------------|
| 8597224 | KIT,TAG,STL,ROT,SMARTLITE | | | |
| 1 | 3563360 | | IDENTIFIER, CARD | 1 |
| 2 | 1208388 | | WASHER,PLAIN,SS,3/8 NAR A | 2 |
| 3 | 1222354 | | NUT,LOCK,ELAS,SS,3/8-16 | 1 |
| 4 | 8503742 | | BRACKET,STALL,ID | 1 |
| 5 | 1091051 | | CSCR,HXH,SS,3/8-16 X 1-1/2 | 1 |
| 6 | 8597223 | | POUCH,STLTG,SMARTLITE,ROT | 1 |



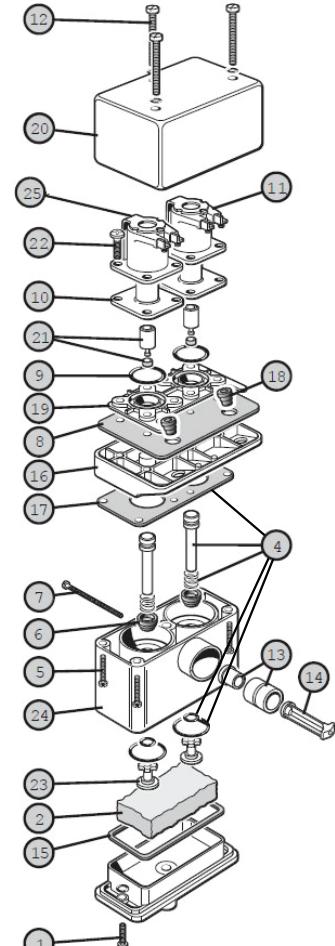
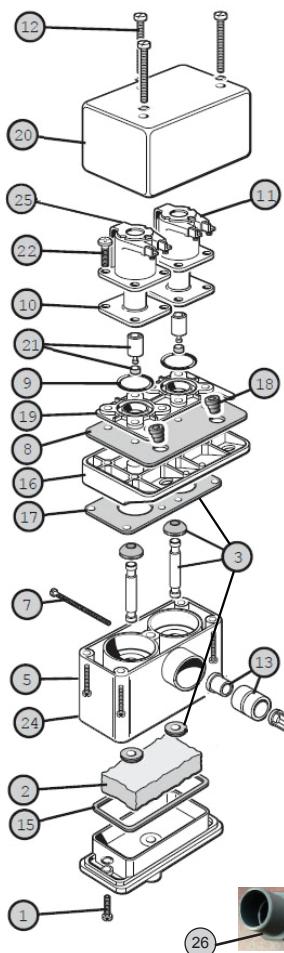
Control Valve for SmartLite

| ITEM | PART NO. | QTY. NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------------|-------------------|--|--------------------------|
| | 8591559 | | Control Valve 2x NC 24V DC | 1559 |
| | 8591560 | | Control Valve 2x NO 24V DC | 1560 |
| 1 | D200702 | ⊗ | SCREW, PAN POZI ST. STEEL M3 x 20 | 2 2 |
| 2 | D390628 | | FILTER DIAPHRAGM PACK. "C" Includes diaphragm (Item 17), stems & grommets | 1 1 |
| 3 | D255654 | | DIAPHRAGM PACK. "O" Includes diaphragm (Item 17), stems & grommets | 1 - |
| 4 | D255656 | | SCREW, PAN POZI ST. STEEL M3 x 25 | - 1 |
| 5 | D200780 | ⊗ | UPPER SEAT SCREW, M4 x 40 | 4 4 |
| 6 | D327741 | ⊗ | GASKET O RING | - 2 1 1 |
| 7 | D200749 | ⊗ | CHIMNEY ASSEMBLY PACK. (x6) | a/r a/r |
| 8 | D391531 | ⊗ | COIL, 24VDC | 2 2 |
| 9 | D242702 | | SCREW, PAN POZI ST. STEEL M3 x 45 | 3 3 |
| 10 | D385537x6 | ⊗ | PIPELINE SEAL AND SUPPORT PACK. (x5) | a/r a/r |
| 11 | 3559256 | | Pipeline CLAMP GASKET | 1 1 |
| 12 | D200781 | ⊗ | CLAMP PLATE DIAPHRAGM | 1 1 |
| 13 | D255660 | | GROMMET SOLENOID MOUNTING PLATE | 2 2 1 1 |
| 14 | D385646 | | COVER SHUTTLE AND SEAL PACK. (x6) | 1 1 a/r a/r |
| 15 | D385685 | | SCREW PACK. M4 x 16. (x24) | a/r a/r |
| 16 | D494171 | ⊗ | LOWER SEAT BODY | - 2 1 1 |
| 17 | D385659 | ⊗ | SOLENOID BRACKET | 2 2 |
| 18 | D381737 | | ADAPTOR TL PULSATORT 3/4" | 1 1 |
| 19 | D385604 | | BSPX2 | |
| 20 | D385602 | | | |
| 21 | D255682 | | | |
| 22 | D200746x24 | ⊗ | | |
| 23 | D327742 | ⊗ | | |
| 24 | D494153 | ⊗ | | |
| 25 | D262514 | | | |
| 26 | H260830 | | | |



8591559
Control Valve 2x NC 24V DC

8591560
Control Valve 2x NO 24V DC



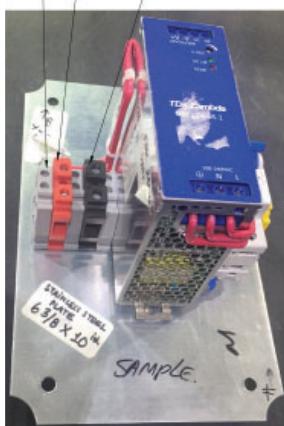
DC Power Supply, 240W, 24V



1 2 3 4 5



6 7 8 9 10



| Item | Part No. | Description | QTY. REQ. |
|------|----------|---------------------------------|-----------|
| - | 3562478 | DC POWER SUPPLY, 240W,24V | - |
| 1 | 3563065 | ENCLOSURE,CLR,11.28X7.47X5.5 | 1 |
| 2 | 3563066 | POWER SUPPLY,240W,24V,10A,HAZ | 1 |
| 3 | 3563067 | TERMINAL BLOCK,END STOP,DIN | 3 |
| 4 | 3563068 | TERMINAL BLOCK,F/T,BLACK,DIN | 1 |
| 5 | 3563069 | TERMINAL BLOCK,F/T,RED,DIN | 1 |
| 6 | 3563070 | TERMINAL BLOCK,GND.65A 600V | 1 |
| 7 | 3563071 | CIRCUIT BREAKER,16A,2-POLE | 1 |
| 8 | 3563074 | CONN,STR-RLF,LIQT,3CORD.,16-.2 | 1 |
| 9 | 3563075 | CONN,STR-RLF,LIQT,2CRD.,.27-.31 | 1 |

Cooling-System Components

| | |
|---------------------|------------------|
| SECTION E | PAGE 1 |
| EFFECTIVE: | 10/04/23 |

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Cooling-System Components

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DKF Coolers 450 thru 2000 Gallon

| | |
|------------|------|
| SECTION | PAGE |
| E | 3 |
| EFFECTIVE: | |
| 6/1/02 | |

| Item | Part No. | ⊗=Obsolete n/s=Not Shown | Description | No. Reqd per Old Style | | | | | | No. Reqd per New Style—Elec/Mech | | | | | |
|-------------------|----------|-----------------------------|--|------------------------|------|------|------|-----|----|----------------------------------|----|----|-----|---|---|
| | 4015553 | ⊗ | Cooler Assy, DKF, 450 | 5553 | | | | | | | | | | | |
| | 4015479 | ⊗ | Cooler Assy, DKF, 600 | | 5479 | | | | | | | | | | |
| | 4015324 | ⊗ | Cooler Assy, DKF, 800, Sgl | | | 5324 | | | | | | | | | |
| | 4015554 | ⊗ | Cooler Assy, DKF, 800, Dual | | | 5554 | | | | | | | | | |
| | 4015294 | ⊗ | Cooler Assy, DKF, 1000 | | | 5294 | | | | | | | | | |
| | 4015556 | ⊗ | Cooler Assy, DKF, 1250 | | | 5556 | | | | | | | | | |
| | 4015530 | ⊗ | Cooler Assy, DKF, 1500 | | | 5530 | | | | | | | | | |
| | 4015498 | ⊗ | Cooler Assy, DKF, 2000 | | | 5498 | | | | | | | | | |
| | 4016478 | ⊗ | Cooler Assy, DKF, 450 | | | | 6478 | | | | | | | | |
| | 4016336 | ⊗ | Cooler Assy, DKF, 600 | | | | 6336 | | | | | | | | |
| | 4016269 | ⊗ | Cooler Assy, DKF, 800 | | | | 6269 | | | | | | | | |
| | 4016290 | ⊗ | Cooler Assy, DKF, 1000 | | | | 6290 | | | | | | | | |
| | 4016310 | ⊗ | Cooler Assy, DKF, 1250 | | | | 6310 | | | | | | | | |
| | 4016350 | | Cooler Assy, DKF, 1500 | | | | 6350 | | | | | | | | |
| | 4016322 | | Cooler Assy, DKF, 2000 | | | | 6322 | | | | | | | | |
| 1 ^{1,2} | 4014825 | ⊗ | Stick Assy, Measuring | 1 | - | - | - | - | - | 1 | - | - | - | - | - |
| | 4012683 | ⊗ | Stick Assy, Measuring | or | 1 | 1 | - | - | - | or | 1 | 1 | - | - | - |
| | 4016410 | ⊗ | Stick Assy, Measuring, MM | 1 | or | or | - | - | - | 1 | or | or | - | - | - |
| | 4016411 | | Stick Assy, Meas, MM, 6-800, 1000 | - | 1 | 1 | - | - | - | - | 1 | 1 | - | - | - |
| | 4012777 | ⊗ | Stick Assy, Measuring | - | - | - | 1 | - | - | - | - | - | 1 | - | - |
| | 4013033 | ⊗ | Stick Assy, Measuring | - | - | - | or | 1 | - | - | - | or | 1 | - | - |
| | 4016412 | | Stick Assy, Meas, MM, 1250, 1500 | - | - | - | 1 | or | - | - | - | 1 | or | - | - |
| | 4016413 | | Stick Assy, Meas, MM, 2000 | - | - | - | - | 1 | - | - | - | - | 1 | - | - |
| 1a ³ | 4016711 | ⊗ | n/s Kit, Ext Stick, Metric | - | - | - | - | a/r | - | - | - | - | a/r | - | - |
| | 4020209 | | n/s Kit, Ext Meas, MM, 2000 | - | - | - | - | a/r | - | - | - | - | a/r | - | - |
| 2 | 4019189 | ⊗ | Leg Assy, SS, 8.88 | 2 | 2 | 2 | 2 | - | 2 | 2 | 2 | 2 | - | - | - |
| | 4019190 | ⊗ | Leg Assy, SS, 10.12 | 2 | 2 | 2 | 2 | - | 2 | 2 | 2 | 2 | - | - | - |
| | 4019191 | ⊗ | Leg Assy, SS, 11.38 | - | - | 2 | 2 | - | - | - | - | 2 | 2 | - | - |
| | 4016842 | ⊗ | Leg Assy, SS, 9.50 Lg | - | - | - | - | 2 | - | - | - | - | - | 2 | - |
| | 4016843 | ⊗ | Leg Assy, SS, 10.50 Lg | - | - | - | - | 2 | - | - | - | - | - | 2 | - |
| | 4016844 | ⊗ | Leg Assy, SS, 11.50 Lg | - | - | - | - | 2 | - | - | - | - | - | 2 | - |
| 3 | 4014666 | | Plug, Int, Plstc, 1.25 | 19 | 19 | 23 | 23 | 30 | 24 | 28 | 34 | 34 | 40 | | |
| 4 ⁴ | 4012900 | | Cover Assy, Manhole | 1 | | | | | | | | | | | |
| 5 | 4012881 | | Latch, Manhole-Cover | 1 | | | | | | | | | | | |
| 6 | 4012882 | | Handle, Manhole Cover | 1 | | | | | | | | | | | |
| 7 ⁵ | 4012883 | | Pin, Manhole-Latch, 1.78 | 1 | | | | | | | | | | | |
| or | 4018592 | | Pin, Manhole-Latch, 1.50 | 1 | | | | | | | | | | | |
| 8 | 4012885 | | Ring, Retaining, Ext, E, .125 | 1 | | | | | | | | | | | |
| 9 | 4013284 | | Pin, Clevis, 3/16 Dia | 1 | | | | | | | | | | | |
| 10 | 3550917 | ⊗ | Connector, Str-Rlf, .50-.63 Dia (shown) | 1 | | | | | | | | | | | |
| | 4018866 | | Bushing, Str-Rlf, Nylon, SR-7W-2 | 1 | | | | | | | | | | | |
| 11 | 4013600 | | Label, Dari-Kool, 3-1/4 x 7 | 2 | | | | | | | | | | | |
| or | 4021971 | | Label, Glacier, 3.25 x 7.00 | 2 | | | | | | | | | | | |
| 12 | 4013687 | n/s | Label, Warning, Install Vent | 2 | | | | | | | | | | | |
| 13 | 4018269 | ⊗ | Gasket, End Plate, Nord | 1 | | | | | | | | | | | |
| 14 ^{6,7} | 4017479 | | Thermometer (Includes item 53) | 1 | | | | | | | | | | | |
| 15 | 4012589 | | Gasket, Thermometer | 1 | | | | | | | | | | | |
| 16 | 1091029 | | CSCR, HXH, SS, 5/16-18 x 1 | 4 | | | | | | | | | | | |
| 17 | 1209387 | | Wshr, Lock, Hcl Spr, SS, 5/16 | 4 | | | | | | | | | | | |
| 18 | 4015622 | ⊗ | Gearmotor Assy, 115/230V (Includes items 19 thru 21) | 1 | | | | | | | | | | | |
| or | 4016857 | | Gearmotor, Agit, Nord, 230V, 60Hz (Parts on Page E-13. Includes item 51) | 1 | | | | | | | | | | | |
| or | 4020732 | | Gearmotor, Agit, Nord, 50 Hz | 1 | | | | | | | | | | | |
| 19 ⁸ | 4014286 | ⊗ | Gearbox, Agitator, Ster/Perf | 1 | | | | | | | | | | | |
| 20 ⁹ | 4015621 | ⊗ | Motor, 1/6Hp, 1Ph, 115/230V | 2 | | | | | | | | | | | |
| 21 ⁹ | 1091046 | | CSCR, HXH, SS, 3/8-16 x 3/4 | 4 | | | | | | | | | | | |
| 22 ⁹ | 4014795 | ⊗ | Gearbox, Agitator, Boston | 1 | | | | | | | | | | | |
| 23 ⁹ | 4014794 | ⊗ | Shaft, Stub, Agitator | 1 | | | | | | | | | | | |
| 24 ⁹ | 4014793 | ⊗ | Pin, Roll | 1 | | | | | | | | | | | |
| 25 | 4013327 | ⊗ | Slinger, Agitator, Rubber | 1 | | | | | | | | | | | |
| | 4013693 | ⊗ | Slinger, Agitator, Rubber (RBY 4041410) | 1 | | | | | | | | | | | |
| | 4041410 | | Slinger Agitator Rubber | 1 | | | | | | | | | | | |

---Parts and quantities same for all assemblies

1. When replacing sticks, use Form 11P-94 to request new calibration chart.
2. Later E/M coolers supplied with MM stick assemblies.
3. Parts on page E-10 for external measuring stick.
4. Includes items 5 thru 8.
5. Earlier coolers used 4012883.
6. See page E-3 for service parts for thermometer retrofit kit.
7. Earlier coolers not supplied with built-in thermometers.
8. When replacing Nut (item 1) on 4015692, use either 4017845 or 4012738. When replacing Nut (item 1) on 4015872, use either two of 4017845 or one of that part and one of 4012738.
9. Pin needs to be welded in place to handle, 4015690.

DKF Coolers 450 thru 2000 Gallon

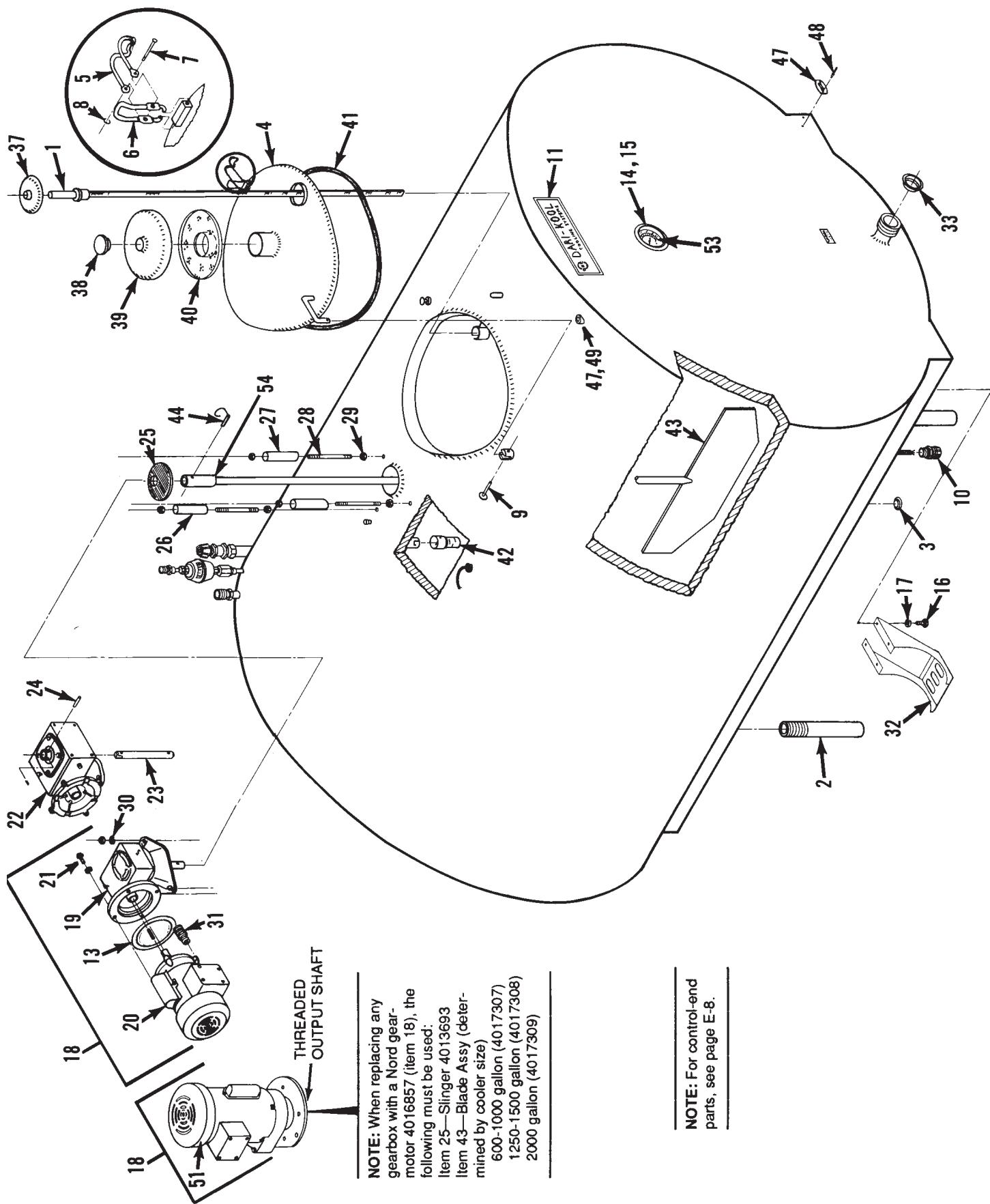
| Item | Part No. | ⊗=Obsolete n/s=Not Shown | Description | No. Reqd per Old Style | | | | | No. Reqd per New Style— Elec/Mech | | | | | |
|------|----------|-----------------------------|--|------------------------|------|------|------|-----|--------------------------------------|-----|------|------|------|------|
| | 4015553 | ⊗ | Cooler Assy, DKF, 450 | 5553 | | | | | | | | | | |
| | 4015479 | ⊗ | Cooler Assy, DKF, 600 | | 5479 | | | | | | | | | |
| | 4015324 | ⊗ | Cooler Assy, DKF, 800, Sgl | | | 5324 | | | | | | | | |
| | 4015554 | ⊗ | Cooler Assy, DKF, 800, Dual | | | 5554 | | | | | | | | |
| | 4015294 | ⊗ | Cooler Assy, DKF, 1000 | | | 5294 | | | | | | | | |
| | 4015556 | ⊗ | Cooler Assy, DKF, 1250 | | | 5556 | | | | | | | | |
| | 4015530 | ⊗ | Cooler Assy, DKF, 1500 | | | 5530 | | | | | | | | |
| | 4015498 | ⊗ | Cooler Assy, DKF, 2000 | | | 5498 | | | | | | | | |
| | 4016478 | ⊗ | Cooler Assy, DKF, 450 | | | 6478 | | | | | | | | |
| | 4016336 | ⊗ | Cooler Assy, DKF, 600 | | | | 6336 | | | | | | | |
| | 4016269 | ⊗ | Cooler Assy, DKF, 800 | | | | 6269 | | | | | | | |
| | 4016290 | ⊗ | Cooler Assy, DKF, 1000 | | | | 6290 | | | | | | | |
| | 4016310 | ⊗ | Cooler Assy, DKF, 1250 | | | | 6310 | | | | | | | |
| | 4016350 | | Cooler Assy, DKF, 1500 | | | | 6350 | | | | | | | |
| | 4016322 | | Cooler Assy, DKF, 2000 | | | | 6322 | | | | | | | |
| 26 | 4014893 | ⊗ | Spacer, Agitator, 4.00 In | 1 | | | | | | | | | | |
| | 4017811 | ⊗ | Spacer, Agitator, 2.50 In | 1 | | | | | | | | | | |
| 27 | 4014894 | ⊗ | Spacer, Agitator, 4.25 In | 2 | | | | | | | | | | |
| | 4017812 | ⊗ | Spacer, Agitator, 2.88 In | 2 | | | | | | | | | | |
| 28 | 4014873 | | Stud, Agitator, 3/8-16 x 5.75 | 3 | | | | | | | | | | |
| | 4017813 | ⊗ | Stud, Agitator, 3/8-16 x 4.25 | 3 | | | | | | | | | | |
| 29 | 1203354 | | Nut, Hex, SS, 3/8-16 | 9 | | | | | | | | | | |
| 30 | 1209388 | | Wshr, Lock, Hlcl Spr, SS, 3/8 | 3 | | | | | | | | | | |
| 31 | 4012584 | | Conn, Str-Rlf, .31-.44, 1/2NPT | 1 | | | | | | | | | | |
| 32 | 4014360 | ⊗ | Bracket, 1Hp-Washer-Pump | 1 | | | | | | | | | | |
| | 4015869 | ⊗ | Bracket Assy, Pump (shown) | 1 | | | | | | | | | | |
| 33 | 4014729 | | Gasket, Teflon, 2 In | 1 | | | | | | | | | | |
| 34 | 4017477 | n/s | Wrench, Hex, 3.00 x 2.38 | 1 | | | | | | | | | | |
| 35 | 4000253 | n/s | Brush, Valve | 1 | | | | | | | | | | |
| 36 | 4010084 | ⊗ | n/s Sign, User, Dari-Kool | 1 | | | | | | | | | | |
| 37 | 4012807 | ⊗ | Slinger, Meas Stick (RBY 4041409) | 1 | | | | | | | | | | |
| | 4070283 | ⊗ | Slinger, Rubber (RBY 4041409) | 1 | | | | | | | | | | |
| | 4041409 | | Slinger, Rubber | 1 | | | | | | | | | | |
| 38 | 4012588 | | Plug, Int, Rbr, 1.50 | 1 | | | | | | | | | | |
| 39 | 4012626 | | Cover, Scree-Vent | 1 | | | | | | | | | | |
| 40 | 4012627 | | Vent, Screen | 1 | | | | | | | | | | |
| 41 | 4012887 | | Gasket, Manhole Cover | 1 | | | | | | | | | | |
| 42 | 4022902 | ⊗ | Head Assy, Spray | 1 | | | | | | | | | | |
| 43 | 4014344 | ⊗ | Blade Assy, 600-1000, 49.25 | - | 1 | 1 | - | - | - | - | 1 | 1 | - | - |
| | 4017307 | | Blade Assy, 600-1000, 60.50 | - | - | - | - | - | - | - | or 1 | or 1 | - | - |
| | 4014119 | ⊗ | Blade Assy, 1250-1500, 61.25 | - | - | - | - | 1 | - | - | - | - | 1 | - |
| | 4017308 | | Blade Assy, 1250-1500, 60.50 | - | - | - | - | - | - | - | - | - | or 1 | - |
| | 4014202 | ⊗ | Blade Assy, 2000, 64.75 | - | - | - | - | 1 | - | - | - | - | - | 1 |
| | 4014821 | ⊗ | Blade Assy, 450, 41.25 | 1 | - | - | - | or | 1 | - | - | - | - | or |
| | 4015873 | ⊗ | Blade Assy, 2000, 66.38 | - | - | - | - | 1 | - | - | - | - | - | 1 |
| | 4017309 | | Blade Assy, 2000, 65.75 | - | - | - | - | - | - | - | - | - | - | or 1 |
| 44 | 4013352 | ⊗ | Clip, Agitator Spring, 3/16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| or | 4013336 | ⊗ | Clip, Agit-Blade, 1/4 Dia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 45 | 4011832 | ⊗ | n/s Stepladder, 4 Ft | - | 1 | 1 | - | - | - | 1 | 1 | 1 | - | - |
| 46 | 4012891 | ⊗ | n/s Ladder, Straight, 6 Ft (RBY 4040019) | - | - | - | 1 | 1 | - | - | - | 1 | 1 | |
| | 4040019 | ⊗ | Ladder, Straight, 8 Ft | - | - | - | 1 | 1 | - | - | - | 1 | 1 | |
| 47 | 4014465 | ⊗ | Level, Bubble, w/Holes | 4 | 4 | 4 | 4 | 4 | 4 | - | - | - | - | - |
| | 4016647 | | Level, Circular | - | - | - | - | - | - | 2 | 2 | 2 | 2 | 2 |
| 48 | 1287156 | | Rivet, Pop, SS, PH, 1/8 x .126-.187 | 8 | 8 | 8 | 8 | 8 | 8 | - | - | - | - | - |
| 49 | 4016648 | | Epoxy, Fast Set | - | - | - | - | - | - | a/r | a/r | a/r | a/r | a/r |
| 50 | ----- | | Literature 1E-96 | ref | ref | ref | ref | ref | ref | ref | ref | ref | ref | ref |
| 51 | 4018400 | | Motor, 1/4Hp, 1Ph, 115-230V, 60Hz | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 52 | 4019432 | ⊗ | n/s Ladder Assy, SS, 2000 | - | - | - | - | - | - | - | - | - | - | 1 |
| 53 | 4016697 | ⊗ | Cover, Lens, Thermometer (Glass) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| or | 4017241 | | Cover, Lens, Therm, w/O-ring (Plastic) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 54 | 4013325 | ⊗ | Coupling, Agitator, Lg Hole | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

---Parts and quantities same for all assemblies

- Note
1. Items 18-46 not supplied with basic cooler assemblies.
 2. Use only with Sterling Perfection gearmotor assy, item 18 (4015622).
 3. All later assemblies use bracket 4015869.
 4. On later assemblies a sign, item 36, is supplied with pump assemblies.
 5. When replacing blade assemblies in 600-gallon thru 2000-gallon coolers, determine total length of old blade assembly and replace with part of equal length.
 6. Item 48, part number represents 30" strip.

DKF Coolers 450 thru 2000 Gallon

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| SECTION E | PAGE 5 |
| EFFECTIVE: 6/1/01 | |



DKF Coolers 1500 thru 8000 Gallon

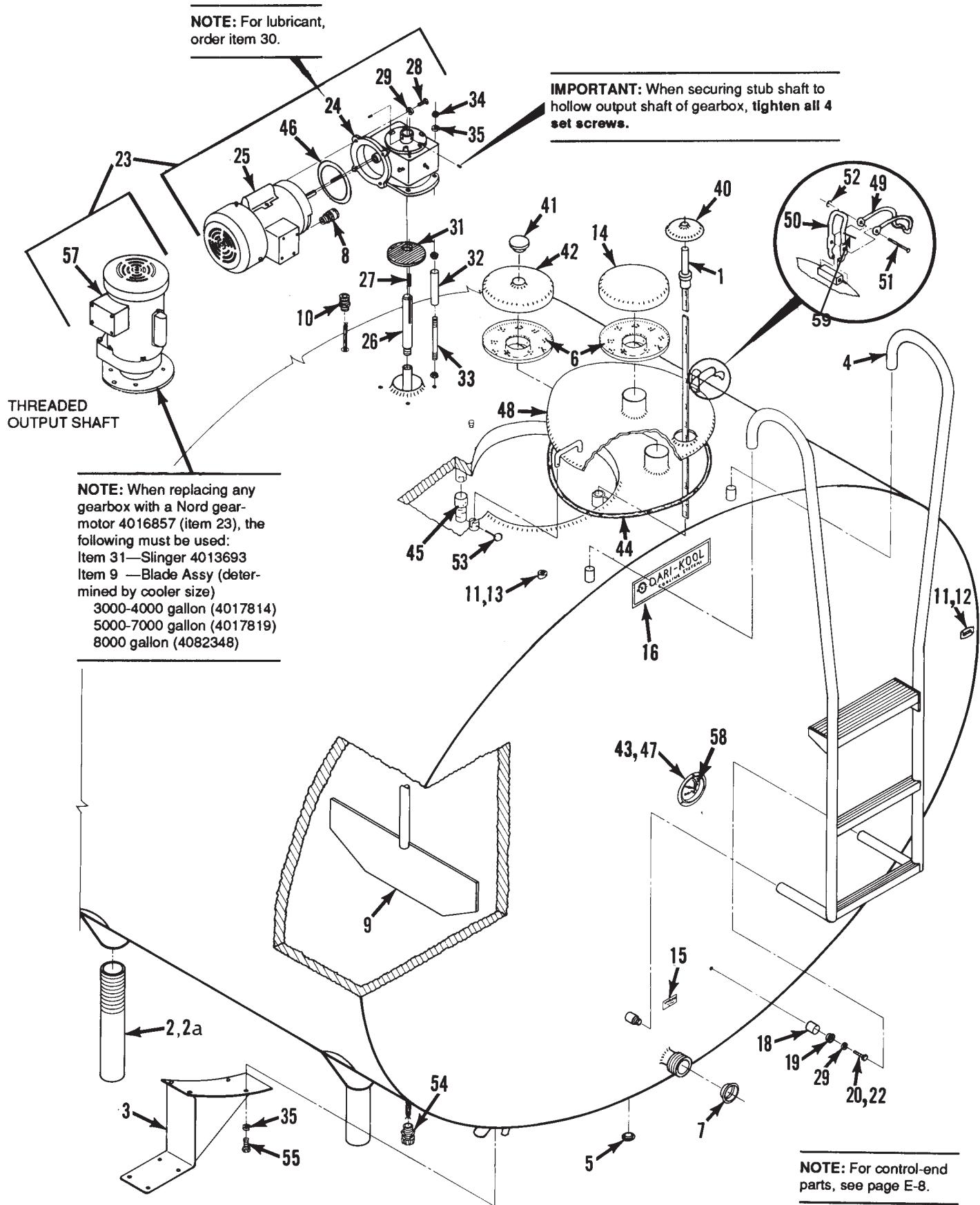
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| SECTION E | PAGE 7 |
| EFFECTIVE: 6/9/23 | |

| Item | Part No. | Obsolete n/s=Not Shown | Description | No. Required | | | | | | | | | |
|------|----------|---------------------------|---|--------------|---|----|----|----|----|----|----|----|----|
| | 4791354 | | COOLER PKG,DKF 1500,W/O CONT | 1354 | | | | | | | | | |
| | 4791364 | | COOLER PKG,DKF 2000,W/O CONT | 1364 | | | | | | | | | |
| | 4791830 | | COOLER PKG,GLCR 2500,W/O CONT | 1830 | | | | | | | | | |
| | 4791835 | | COOLER PKG,GLCR 3000,W/O CONT | 1835 | | | | | | | | | |
| | 4791840 | | COOLER PKG,GLCR 4000,W/O CONT | 1840 | | | | | | | | | |
| | 4791845 | | COOLER PKG,GLCR,5000,W/O CONT | 1845 | | | | | | | | | |
| | 4791850 | | COOLER PKG,GLCR,6000,W/O CONT | 1850 | | | | | | | | | |
| | 4791855 | | COOLER PKG,GLCR,7000,W/O CONT | 1855 | | | | | | | | | |
| | 4791860 | | COOLER PKG,GLCR,8000,W/O CONT | 1860 | | | | | | | | | |
| 35 | 1209387 | | WASHER,LOCK,HCL SPR,SS,5/16 | 8 | 8 | 8 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | 4012891 | ⊗ n/s | LADDER,STRAIGHT,6 FT (RBY 4040019) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 36 | 4040019 | ⊗ n/s | LADDER,STRAIGHT,8' ,W/BOX (RBY 4040018) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 4040018 | n/s | LADDER,MANHOLE,8' | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 37 | 4017477 | n/s | TOOL,WRENCH,HEX,3.00 X 2.38 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 38 | 4000253 | n/s | BRUSH,VALVE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 39 | | | | | | | | | | | | | |
| | 4012807 | ⊗ | SLINGER,MEASURING STICK (RBY 4041409) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 40 | 4070283 | ⊗ | SLINGER,RUBBER (RBY 4041409) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 4041409 | | SLINGER,RUBBER | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 41 | 4012588 | | PLUG,INT,RBR,1.50 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 42 | 4012626 | | COVER,SCREEN-VENT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 43 | 4012589 | | GASKET,THERMOMETER | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 44 | 4012887 | | GASKET,MANHOLE COVER | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 45 | 4014177 | ⊗ | HEAD ASSY,SPRAY | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 4022901 | | HEAD,SPRAY | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| and | 4026618 | | HAIRPIN,SPRAYBALL | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 46 | 4018269 | ⊗ | GASKET,END PLATE,NORD | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 47 | 4017479 | | THERMOMETER (Includes item 58) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 48 | 4012900 | | COVER ASSY,MANHOLE (Includes items 49 thru 52.) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 49 | 4012881 | | LATCH,MANHOLE-COVER | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50 | 4012882 | | HANDLE,MANHOLE COVER | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 51 | 4018592 | | PIN,MANHOLE-LATCH,1.50 | - | - | - | - | - | - | - | - | - | - |
| or | 4012883 | | PIN,MANHOLE-LATCH,1.78 | - | - | - | - | - | - | - | - | - | - |
| or | 1096172+ | | MSCR,PNH,SS,6-32 X 1-1/2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 52 | 4012885 | | RING,RETAINING,EXT,E,.125 | - | - | - | - | - | - | - | - | - | - |
| or | 1207377 | | NUT,CAP,SS,6-32 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 53 | 4013284 | | PIN,CLEVIS,3/16 DIA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 54 | 3550917* | ⊗ | CONNECTOR,STR-RLF,.50-.63 DIA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 4018866 | | BUSHING,STR-RLF,NYLON,SR-7W-2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 55 | 1091027 | | CSCR,HXH,SS,5/16-12 X 3/4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 56 | 1094181 | | MSCR,HXH,SS,8-32 X 1/2 | 9 | 9 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 57 | 4018400 | | MOTOR,1/4HP,1PH,115-230V,60HZ | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 4025953 | ⊗ | MOTOR,1/4HP,1PH,110-230V,50HZ | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 58 | 4016697 | ⊗ | COVER,LENS,THERMOMETER (Glass) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| or | 4017241 | | COVER,LENS,THERM,W/O-RING (Plastic) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 59 | 4082109 | | TUBE,SS,.250 X .035 X 1.00 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 60 | 4023794 | n/s | BRACKET,AGITATOR MOUNT | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 61 | 4021971 | n/s | LABEL,GLACIER,3.25 X 7.00 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

Notes:

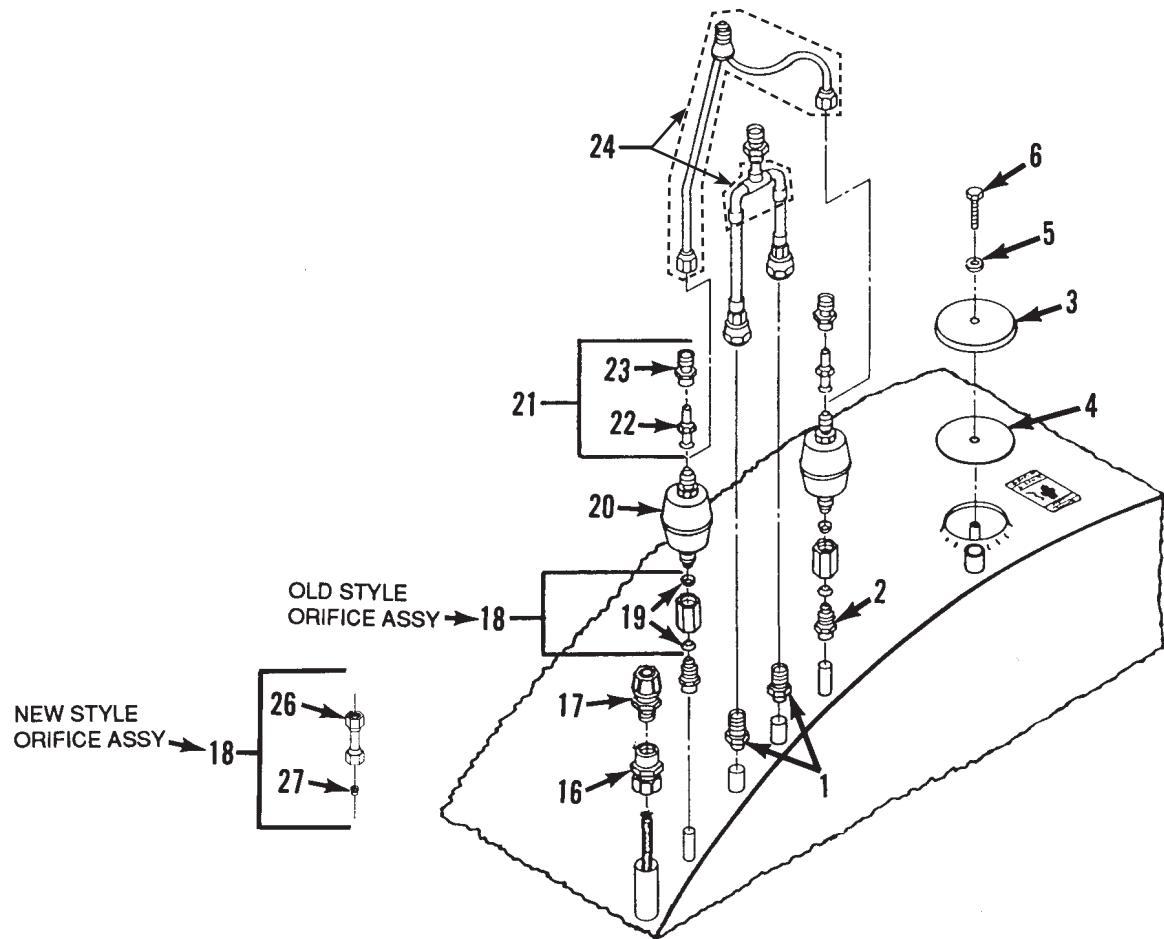
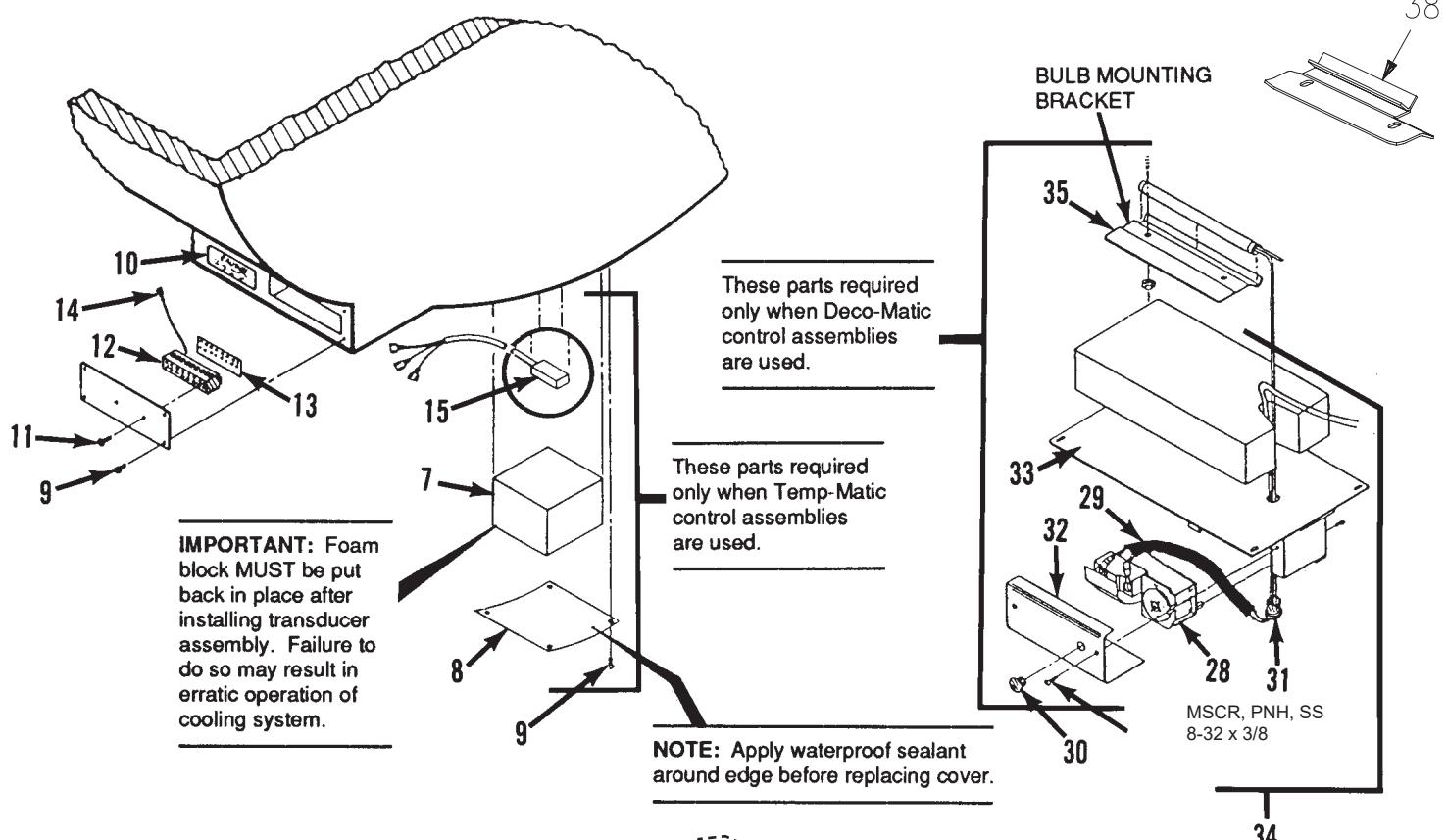
1. When replacing sticks, use Form 11P-94 to request new calibration chart.
2. When replacing older version ladder with newer version, new mounting holes will need to be drilled.
3. When replacing blade assemblies, determine total length of old blade assembly and replace with part of equal length.
4. Item 1096172 requires 1207377 - Nut Cap, SS (Item #52) and 4082109 - Tube, SS (Item #59).
5. Only required when using Gearmotor Assy 4015771 (item 23).
6. Only required when using Gearbox 4013677. 4013677 replaced by
7. Only required for Gearmotor Assy 4015771 (item 23). Gearmotor 4016857 lubricated for life of assembly.
8. Later assemblies with .375 diameter cord used 4018866.

DKF Coolers 1500 thru 8000 Gallon



DKF Coolers 450 thru 6000 Gallon

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| SECTION E | PAGE 9 |
| EFFECTIVE: 2/1/01 | |



DKF Coolers 450 thru 8000 Gallon

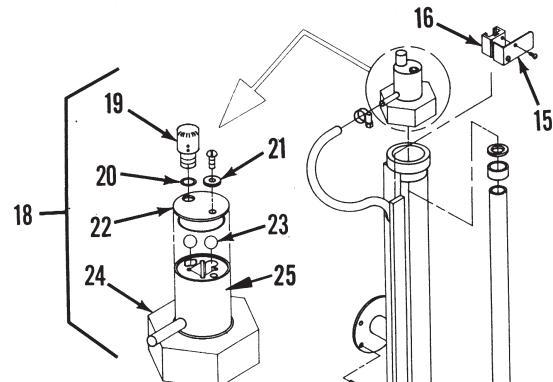
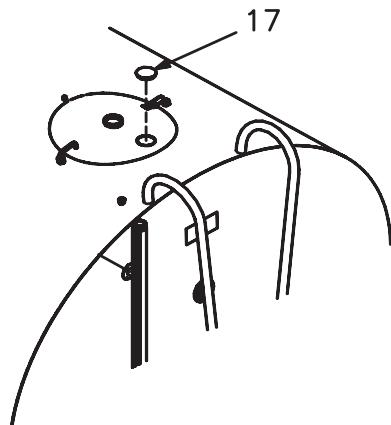
| SECTION E | PAGE 10 | Item | Part No. | Q=Obsolete n/s=Not Shown | Description | QTY Req'd per Old Style | | | | | QTY Req'd per New Style—Elec/Mech | | | | | |
|---------------------|-------------------|---------|-----------------------------|-----------------------------|--|-------------------------|---|-----|---|---|---|-----|-----|-----|-----|--|
| EFFECTIVE: | 2/1/01 | 401---- | Cooler Assy, DKF, 450 | | 5553⊗ | | | | | | 6478⊗ | | | | | |
| | | 401---- | Cooler Assy, DKF, 600 | | 5479⊗ | | | | | | 6336 | | | | | |
| | | 401---- | Cooler Assy, DKF, 800 | | 5324⊗ | | | | | | 6269 | | | | | |
| | | 401---- | Cooler Assy, DKF, 800, Dual | | 5554⊗ | | | | | | — | | | | | |
| | | 401---- | Cooler Assy, DKF, 1000 | | 5294⊗ | | | | | | 6290 | | | | | |
| | | 401---- | Cooler Assy, DKF, 1250 | | 5556⊗ | | | | | | 6310 | | | | | |
| | | 401---- | Cooler Assy, DKF, 1500 | | 5530⊗ | | | | | | 6350 | | | | | |
| | | 401---- | Cooler Assy, DKF, 2000 | | 5498⊗ | | | | | | 6322 | | | | | |
| | | 401---- | Cooler Assy, DKF, 3000 | | 5546⊗ | | | | | | 6452⊗ | | | | | |
| | | 401---- | Cooler Assy, DKF, 4000 | | 5444⊗ | | | | | | 6447⊗ | | | | | |
| | | 401---- | Cooler Assy, DKF, 5000 | | 5517⊗ | | | | | | 6464⊗ | | | | | |
| | | 401---- | Cooler Assy, DKF, 6000 | | 5465⊗ | | | | | | 6471⊗ | | | | | |
| | | 4020027 | ⊗ | Cooler Assy, DKF, 3000 | | | | | | | 0027 | | | | | |
| | | 4019816 | ⊗ | Cooler Assy, DKF, 4000 | | | | | | | 9816 | | | | | |
| | | 4019581 | ⊗ | Cooler Assy, DKF, 5000 | | | | | | | 9581 | | | | | |
| | | 4019580 | ⊗ | Cooler Assy, DKF, 6000 | | | | | | | 9580 | | | | | |
| | | 4018907 | ⊗ | Cooler Assy, DKF, 7000 | | | | | | | 8907 | | | | | |
| | | 4020607 | ⊗ | Cooler Assy, DKF, 8000 | | | | | | | 0607 | | | | | |
| | | 1 | 4012566 | ⊗ | Coupling, Rfgt, Male, 12-11 | 1 | 1 | 2 | - | - | 1 | - | - | - | - | |
| | | | 4015413 ² | ⊗ | Coupling, Rfgt, Male, 14-11 | - | - | - | 2 | 2 | - | 1 | 2 | - | 2 | |
| | | | 4015547 | ⊗ | Coupling Assy, Quick Conn | - | - | - | - | - | - | - | - | 2 | - | |
| | | 2 | 1611103 | | Conn, Brs, 1/2Flr x 1/2Sldr | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | |
| | | 3 | 4015240 | ⊗ | Cover, Junction Box | 1 | 1 | 1 | - | - | - | - | - | - | - | |
| | | | 4015424 | ⊗ | Cover, Junction Box | - | - | - | 1 | 1 | - | - | - | - | - | |
| | | | 4016276 | | Cover, Junction Box, Rd, 4.00 Dia | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 4 | 4016289 | | Gasket, Cover | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 5 | 3551263 | | Washer, Sealing, SS, 1/4 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 6 | 1091015 | | CSCR, HXH, SS, 1/4-20 x 2 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 7 | 4015466 | ⊗ | Block, Insulation | 1 | - | - | - | - | - | - | - | - | - | |
| | | | 4015291 | ⊗ | Block, Insulation | - | 1 | 1 | - | - | - | - | - | - | - | |
| | | | 4013355 | ⊗ | Block, Insulation | - | - | - | 1 | - | - | - | - | - | - | |
| | | | 4015994 | | Block, Insulation | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 8 | 4015292 | ⊗ | Cover, Transducer | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | |
| | | | 4015996 | ⊗ | Cover, Transducer | - | - | - | - | - | 1 | 1 | 1 | 1 | - | |
| | | 9 | 1096179 | | MSCR, PNH, SS, 8-32 x 3/8 | 8 | 8 | 8 | 8 | 8 | - | - | - | - | - | |
| | | | 1094181 | | MSCR, HXH, SS, 8-32 x 1/2 | - | - | - | - | - | 4 | 4 | 4 | 4 | - | |
| | | 10 | 4016123 | | Label, Caution, Disconnect-Power | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 11 | 1024179 | | TCSCR, PNH, SS, 8-32 x 3/8 | F | 4 | 4 | 4 | 4 | - | - | - | - | - | |
| | | 12 | 4015273 | ⊗ | Block, Terminal, 8-Position | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | |
| | | 13 | 4015506 | ⊗ | Label, Marker, Term Blk, 8-Pos | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | |
| | | 14 | 4015507 | ⊗ | Wire, Ground | 1 | 1 | 1 | 1 | 1 | - | - | - | - | - | |
| | | 15 | 4015316 | ⊗ | Kit, Transducer Assy | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| | | 16 | 4015526 | ⊗ | Adapter, 3/4 Liq-Tite x 3/4 FNPT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| | | 17 | 4015417 | | Conn, Str-Rif, .63-.75, 3/4 NPT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | |
| | | 18 | 4015353 | ⊗ | Gasket, .060 Dia | | Orifice Assy size depends on size of condensing or compressor unit(s) used. | | | | | - | - | - | - | |
| | | | 4015354 | ⊗ | Orifice Assy, .070 Dia | | | | | | | - | - | - | - | |
| | | | 4015355 | ⊗ | Orifice Assy, .078 Dia | | | | | | | - | - | - | - | |
| | | | 4016145 | ⊗ | Orifice Assy, .093 Dia (Each includes 2 of item 19) | 1 | 1 | 2 | 2 | 2 | - | - | - | - | - | |
| | | | 4018488 | | Kit, Orifice, .060 Dia | - | - | - | - | - | Orifice Assy size depends on size of condensing or compressor unit(s) used. | | | | | |
| | | | 4018489 | | Kit, Orifice, .070 Dia | - | - | - | - | - | | | | | | |
| | | | 4018490 | | Kit, Orifice, .078 Dia | - | - | - | - | - | | | | | | |
| | | | 4018491 | | Kit, Orifice, .093 Dia (Each includes 1 of items 26 & 27) | - | - | - | - | - | | | | | | |
| | | 19 | 4015336 | ⊗ | Gasket, 1/2 Flare, Copper | 2 | 2 | 4 | 4 | 4 | 2 | 2 | 4 | 4 | - | |
| | | | 20 | 4014699 | Filter, Drier, Liquid-Line | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | |
| | | 21 | 4015588 | ⊗ | Coupling Assy, Liquid-Line (Includes items 22 & 23) | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | |
| | | 22 | 4013885 | | Nut, Brass, Flare, 1/2 x 3/8 Tube | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | |
| | | 23 | 4012564 | ⊗ | Coupling, Rfgt, Male, 6-6 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | |
| | | 24 | 4041412 | | Kit, Refrigeration Manifold | - | - | a/r | - | - | - | - | a/r | - | - | |
| | | 26 | 4018158 | | Coupling Assy | - | - | - | - | - | 1 | 1 | 2 | 2 | 2 | |
| | | 27 | 4018464 | | Orifice, .060 Dia, 3Hp | - | - | - | - | - | Orifice Assy size depends on size of condensing or compressor unit(s) used. | | | | | |
| | | | 4018465 | | Orifice, .070 Dia, 4Hp | - | - | - | - | - | | | | | | |
| | | | 4018466 | | Orifice, .078 Dia, 5Hp | - | - | - | - | - | | | | | | |
| | | | 4018467 | | Orifice, .093 Dia, 7.5Hp | - | - | - | - | - | 1 | 1 | 2 | 2 | 2 | |
| | | 28 | 4017278 | | Thermostat, Refrig, 35-45 Deg | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 29 | 4016382 | | Cord Assy, 2-Cond, 18 Ga x 9.5 Ft | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 30 | 3551755 | | Plug, Int, Plstc, 0.88 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | | 3551818 | ⊗ | Plug, Int, Plstc, 0.38 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 31 | 4012569 | | Bushing, Snap, Nylon, SB-562-6 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 32 | 4016856 | | Cover, Outer, W/Drain Tab | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 33 | 4016246 | | Plate Assy, Thermostat Control | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 34 | 4016389 | | Thermostat Assy (Includes items 28 thru 33) | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 35 | 4015995 | | Bracket, Mtg | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| | | 36 | 4015629 | n/s | Tape, Insul, Cork, .13 x 2.0 | - | - | - | - | - | a/r | a/r | a/r | a/r | a/r | |
| | | 37 | 4079063 | | Nut, Brass, Flare, 1/2 | - | - | - | - | - | 1 | 1 | 2 | 2 | 2 | |
| | | 38 | 4016421 | ⊗ | Plate, Bulb Holder | - | - | - | - | - | - | - | - | - | - | |

Note:

1. Items 15 thru 27 are not included with basic coolers.
2. Coupling is not required on newer style nitrogen charged coolers. (Glacier series)
3. Item 14 is supplied with control cabinet.
4. Items 15 and 16 are supplied with pump packages.
5. Items 18 thru 24 are supplied with condensing and compressor units.
6. Items 23 and 24 are used only to adapt 1000-gallon to a single condensing unit.
7. Item 30 is used on earlier controls.
8. Item 38 is a bracket for the Anderson bulb and thermostat bulb.

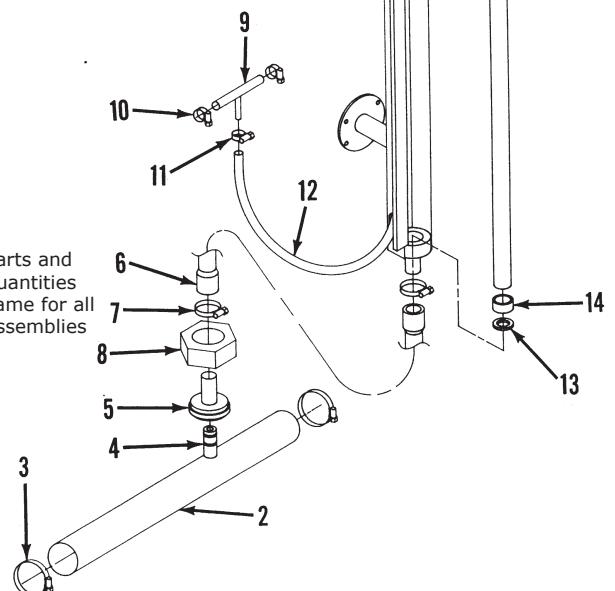
DFK External Measuring Stick Kits

SECTION E PAGE 11
EFFECTIVE: 7/17/19



| Item | Part No. | Description | QTY REQUIRED (a/r=As Required) | | | | |
|------|----------|---|-----------------------------------|------|------|---|---|
| | 4024048 | Kit, Ext Meas, Inch, 7000 | 0206 | | | | |
| | 4020207 | Kit, Ext Meas, MM, 5/6000 | 0207 | | | | |
| | 4020208 | Kit, Ext Meas, MM, 3/4000 | | 0208 | | | |
| | 4020209 | Kit, Ext Meas, MM, 2000 | | 0209 | | | |
| | 4020635 | Kit, Ext Meas, MM, 8000 | | | 4048 | | |
| 1 | 4024569 | Tube, Glass, 1.000 x 88.750 | - | - | - | - | 1 |
| | 4024570 | Tube, Glass, 1.000 x 78.000 | 1 | 1 | - | - | - |
| | 4024568 | Tube, Glass, 1.000 x 64.750 | - | - | 1 | 1 | - |
| 2 | 4020190 | Tube Assy, Washer, 2.00 Dia | 1 | 1 | 1 | 1 | 1 |
| | 4020191 | ⊗ Tube Assy, Washer, 1.50 Dia | - | - | - | - | - |
| 3 | 8510201 | Clamp, Hose, SS, #28, 1.31-2.25 | - | - | - | 2 | - |
| 4 | 4014998 | O-ring, 0.549 x .103 | 2 | | | | |
| 5 | 4014966 | ⊗ Ferrule, Rdc, SS, 2.0 x 7/8 | 1 | | | | |
| 6 | 4016611 | Hose, Frmd, PVC, Reinf, .88 ID | 1 | | | | |
| 7 | 8510101 | Clamp, Hose, SS, #20, .81-1.75 | 2 | | | | |
| 8 | 4013118 | Nut, #13H, Nylon, 2.0 In | 1 | | | | |
| 9 | 4020192 | Tee Assy, SS, .50 x .31 x .50 | 1 | | | | |
| 10 | 4012220 | Clamp, Hose, SS, #8, .50-.91 | 2 | | | | |
| 11 | 8510104 | Clamp, Hose, SS, #7, .25-.62 | 2 | | | | |
| 12 | 4020210 | Hose, Vinyl, .25 x .094W, Clr | a/r | | | | |
| 13 | 4019893 | Wshtr, Rbr, .750 x 1.19 x .125 | 2 | | | | |
| 14 | 4019892 | Sleeve, Neoprene | 2 | | | | |
| 15 | 4019901 | Cover, Slider | 1 | | | | |
| 16 | 4019894 | Body, Slider | 1 | | | | |
| 17 | 4020218 | Plug, Int, Rbr, 2.88 | 1 | | | | |
| 18 | 4020161 | Valve Assy, Wash/Vent, Ext, Meas (Includes items 19 thru 25) | 1 | | | | |
| 19 | 4020154 | Vent, Valve, Wash/Vent | 1 | | | | |
| 20 | 8500264 | O-ring, 0.362 x .103, Buna-N | 1 | | | | |
| 21 | 3551201 | Washer, Sealing, SS | 1 | | | | |
| 22 | 8506566 | O-ring, 1.364 x .070, Silicn | 1 | | | | |
| 23 | 4014019 | Ball, Check, Rbr, .38 Dia | 2 | | | | |
| 24 | 4012738 | Nut, #13H, Nylon, 1.5 In | 1 | | | | |
| 25 | 4020150 | Body, Valve, Wash/Vent | 1 | | | | |
| 26 | ----- | Literature 1E-111 (Installation Instructions) | ref | | | | |
| 27 | ----- | Literature 11P-94 (Recalibration Request) | ref | | | | |

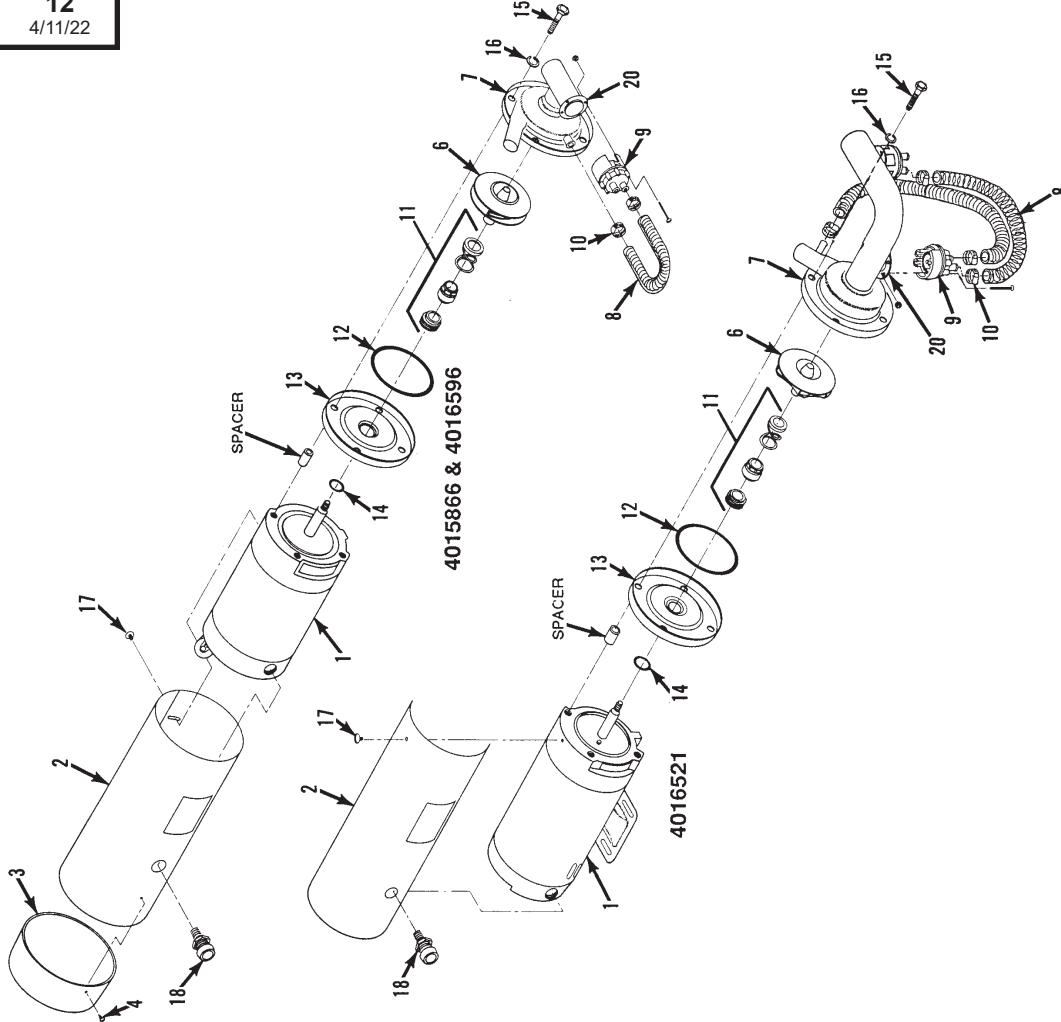
Parts and quantities same for all assemblies



Note

- When replacing old versions of external measuring stick with newer versions, new mounting holes must be drilled. See literature 9P-111.

Washer Pump Assemblies



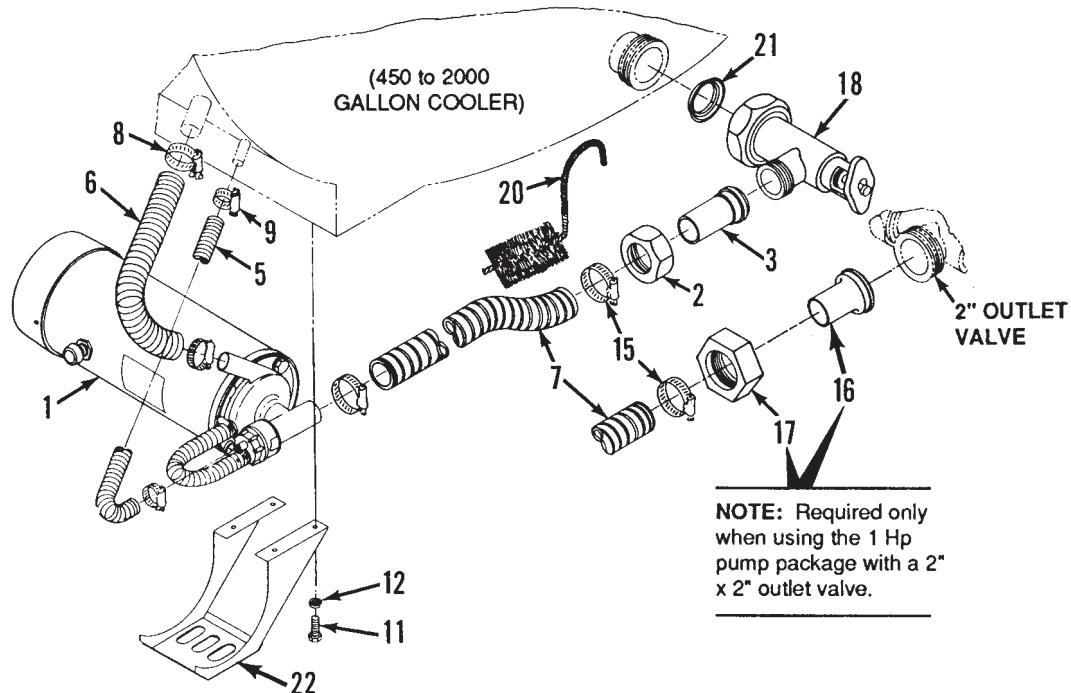
| Item | Part No. | Description | QTY. REQ. (a/r=As Req.) |
|---------|-----------|---|----------------------------|
| | | Obsolete n/s=Not Shown | |
| 4015866 | ⊗ | Pump Assy, Washer, 1HP, 60Hz | Obs |
| 4017485 | ⊗ | Pump Assy, Washer, 1HP, 60Hz | 7485 |
| 4016596 | | Pump Assy, Washer, 1HP, 50/60Hz | 6596 |
| 4016521 | ⊗ | Pump Assy, Washer, 1.5HP | 6521 |
| 1 | 4015773 | Motor, 1HP, 1Ph, 115/230V, 50/60Hz | 1 |
| | 4016523 | Motor, 1HP, 1Ph, 230V, 50Hz Replaced by 4015773 | - |
| | 4016504 | Motor, 1.5HP, 1Ph, 115/230V, 60Hz, Wash Down Duty | - |
| 2 | 5 | Cover, Pump, Motor, 1HP | 1 |
| | 4015761 | Cover, Pump, Motor, 1.5HP | - |
| 3 | 5 | Plug, Ext, Plstc, 6.00, Blk | 1 |
| 4 | 1027265 | TFSCR, PNH, SS, 8-18 x 1/2 AB | 1 |
| 5 | 4013839 | Kit, Pump, Washer (Includes items 6, 11-16 & 22) | 1 |
| 6 | 4013997 | Impeller, Pump, 1HP | - |
| | 4015037 | Impeller, Pump, 1.5HP | - |
| 7 | 4014002 | Housing Assy, Impeller | 1 |
| | 4016533 | Housing Assy, Impeller | - |
| 8 | 4014525 | Hose, PVC, Reinf, .50 x .156W | a/r |
| 9 | 4014960 | Valve Assy, Drain, 1HP | 1 |
| | 4015227 | Valve Assy, Drain, 1.5HP (Parts for both on page E-16) | - |
| 10 | 4012220 | Clamp, Hose, SS, #8, .50-.91 | 2 |
| 11 | 4014039 | Seal Assy, Pump Shaft | 1 |
| 12 | 4014008 | O-ring, 4.725 x .210, Buna-N | 1 |
| 13 | 4013998 | Plate, Back, Pump | 1 |
| 14 | 4014034 | O-ring, 0.609 x .139, Buna-N | 1 |
| 15 | 1091051 | CSCR, HXH, SS, 3/8-16 x 1-1/2 | 4 |
| 16 | 1209388 | Wshr, Lock, Hcl Spt, SS, 3/8 | 4 |
| 17 | 5 | MSCR, PNH, SS, 1/4-20 x 3/8 | 1 |
| 18 | 4018866 | Bushing, Str-Rif, Nylon, SR7W-2 | 1 |
| | 19175321 | Conn, Str-Rif, .27-.46, 1/2NPT | 1 |
| 19 | 85138142 | n/s Nut, Lock, Conduit, 1/2 NPT | 1 |
| 20 | 4013800 | Plate, Mounting | 1 |
| 21 | - - - - 3 | n/s Capacitor, Start, 124-149 Mfd, 110V | 1 |
| | - - - - 4 | n/s Capacitor, Start, 189-227 Mfd, 110V | - |
| 22 | 4014037 | Spacer, RD, SS, .41 x .62 x .94 | 4 |

Note

- Used on later assemblies with .375 diameter cord.
- Used only with item 18 (4018866).
- For replacement start capacitor order Magnetek/Century p/n 4-15769525.
- For replacement start capacitor order Magnetek/Century p/n 4-15769530.
- After October 2020, motors 4016504 and 4015773 are wash down duty. Item numbers 2, 3, and 17 no longer fit and should not be used.

DFK Series 1-Hp Washer Pump Package

| | |
|-----------------------|-------------------|
| SECTION E | PAGE 13 |
| EFFECTIVE: 3/15/94 | |

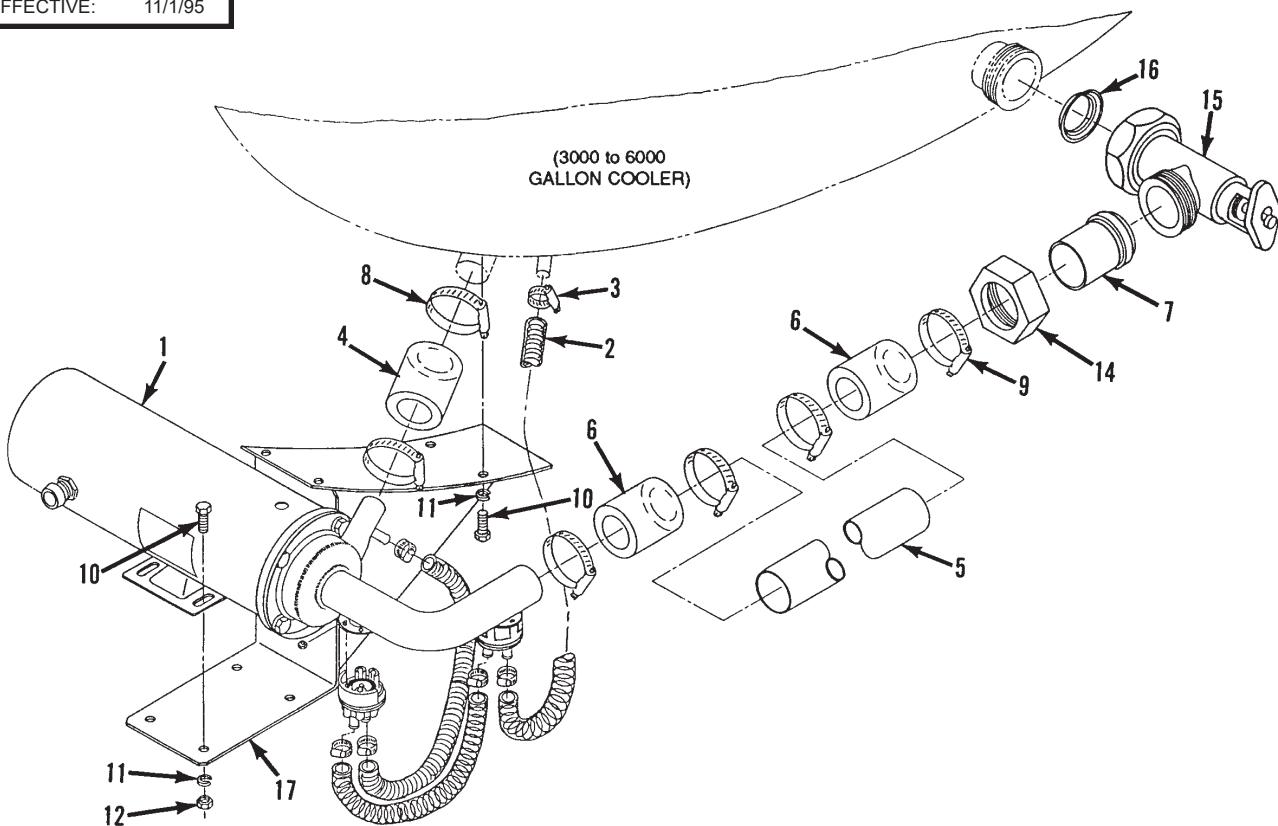


| ITEM | PART NO. | ⑧=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------|-----------------------------|--|-----------------------------------|------|
| | | | | Old | New |
| | 4015612 | | Pump Pkg, Washer, 1 Hp, 60Hz | | |
| 1 | 4014009 | ⊗ | Pump Assy, Washer, 1 Hp (Parts on page E-16) | 1 | - |
| | 4017242 | | Kit, Retro, Washer Pump, 1Ph, 60Hz (Parts on page E-17. Includes item 22 [4015869 obsolete]) | or 1 | - |
| | 4015866 | ⊗ | Pump Assy, Washer, 1 Hp, 60Hz (Parts on page E-11) | - | 1 |
| 2 | 4012738 | | Nut, #13H, Nylon, 1.5 | 1 | 1 |
| 3 | 4013116 | | Ferrule, Nylon, 1.5 In | 1 | 1 |
| 4 | 4015096 | ⊗ | Cover, Pump Motor | 1 | - |
| 5 | 4014525 | | Hose, PVC, Reinf, .50 x .156W | a/r | a/r |
| 6 | 4014711 | | Hose, PVC, Reinf, 1.0 x .188W | a/r | a/r |
| 7 | 4015850 | | Hose, Vinyl, 1.50 x 32.00 | 1 | 1 |
| 8 | 8510101 | | Clamp, Hose, SS, #20, .81-1.75 | 2 | 2 |
| 9 | 4012220 | | Clamp, Hose, SS, #8, .50-.91 | 2 | 2 |
| 10 | 3550917 | ⊗ | Connector, Str-Rlf, .50-.63 Dia | 1 | - |
| 11 | 1091029 | | CSCR, HXH, SS, 5/16-18 x 1 | 8 | 4 |
| 12 | 1209387 | | Wshtr, Lock, Hlcl Spr, SS, 5/16 | 8 | 4 |
| 13 | 1203353 | | Nut, Hex, SS, 5/16-18 | 4 | - |
| 14 | 4010084 | ⊗ n/s | Sign, User, Dari-Kool | 1 | 1 |
| 15 | 8510201 | | Clamp, Hose, SS, #28, 1.31-2.25 | 2 | 2 |
| 16 | 4019774 | | Reducer, Coupling, 2.0 x 1.5 | 1 | 1 |
| 17 | 4013118 | | Nut, #13H, Nylon, 2.0 In (See note on illustration) | 1 | 1 |
| 18 | 4015693 | ⊗ | Valve, Outlet, 2 x 1.5 (Parts on pages E-18 - E-20) | 1 | 1 |
| 19 | 4015692 | | Valve, Outlet, 2 x 2 (Parts on pages E-18 - E-20) | or 1 | or 1 |
| 20 | 4016590 | | Hanger, Wash Line | - | 1 |
| 21 | 4014729 | | Gasket, Teflon, 2 In | 1 | 1 |
| 22 | 4014360 | ⊗ | Bracket, 1 Hp-Washer-Pump | 1 | - |
| | 4015869 | ⊗ | Bracket Assy, Pump | - | 1 |

Note:

1. Items 11 and 12: four of each supplied with coolers.
2. Items 18 and 19: supplied with valve packages 4013833 and 4013834. (Packages 4013833 and 4013834 are obsolete.)

DFK Series 1.5 Hp Washer Pump Package



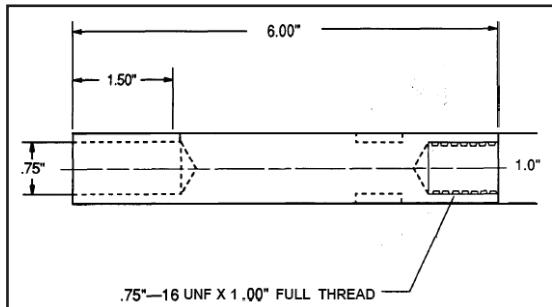
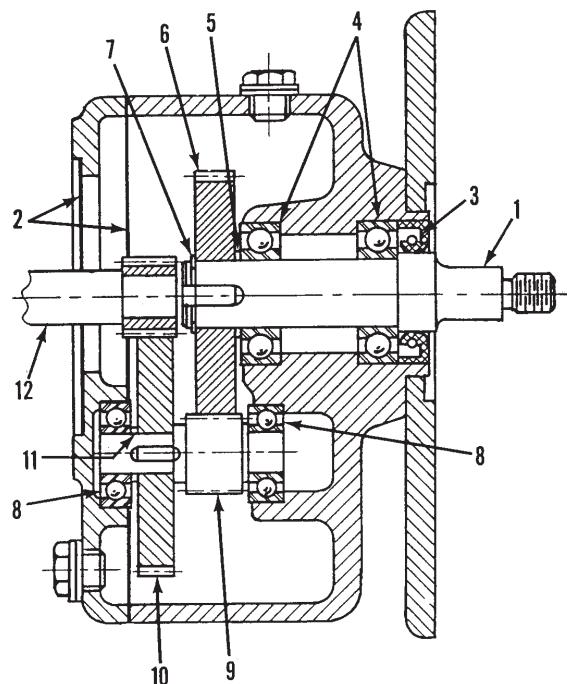
| ITEM | PART NO. | ⊖= Obsolete | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|------------------------|-------------|--|-----------------------------------|-----|-----|
| | 4015613 | ⊖ | Pump Pkg, Washer, 1.5Hp, 3-6000 | 5613 | | |
| | 4016592 | | Pump Pkg, Washer, 1.5Hp, 3-4000 | 6592 | | |
| | 4016593 | | Pump Pkg, Washer, 1.5Hp, 5-7000 | 6593 | | |
| 1 | 4015090 ¹ | ⊖ | Pump Assy, Washer, 1.5Hp | 1 | - | - |
| | 4016521 | ⊖ | Pump Assy, Washer, 1.5Hp (Parts on page E-11) | - | 1 | 1 |
| 2 | 4014525 | | Hose, PVC, Reinf, .50 x .156W | a/r | a/r | a/r |
| 3 | 4012220 | | Clamp, Hose, SS, #8, .50-.91 | 2 | 2 | 2 |
| 4 | 4015850 | | Hose, Vinyl, 1.50 x 32.00 | a/r | a/r | a/r |
| 5 | 4015092 | | Hose, Vinyl, 2.00 x .25W | a/r | - | - |
| | 4016542 | | Tube, SS, 2.00 x .049 x 16.75 | - | 1 | - |
| | 4016543 | ⊖ | Tube, SS, 2.00 x .049 x 18.25 | - | - | 1 |
| | 4020159 ² | | Tube, SS, 2.00 x .049 x 15.00 | - | - | 1 |
| 6 | 4015092 | | Hose, Vinyl, 2.00 x .25W | - | a/r | a/r |
| 7 | 4017844 | | Ferrule, SS, 2 In | 1 | 1 | 1 |
| 8 | 8510201 | | Clamp, Hose, SS, #28, 1.31-2.25 | 4 | 2 | 2 |
| 9 | 8514033 ³ | | Clamp, Hose, SS, #36, 1.80-2.75 | - | 4 | 4 |
| 10 | 1091029 ³ | | CSCR, HXH, SS, 5/16-18 x 1 | 8 | 8 | 8 |
| 11 | 1209387 | | Wshr, Lock, Hlcl Spr, SS, 5/16 | 8 | 8 | 8 |
| 12 | 1203353 | | Nut, Hex, SS, 5/16-18 | 4 | 4 | 4 |
| 13 | 3550917 | ⊖ | Connector, Str-Rif, .50-.63 Dia | 1 | - | - |
| 14 | 4013118 ^{4,5} | | Nut, #13H, Nylon, 2.0 In | 1 | 1 | 1 |
| 15 | 4015692 ^{4,5} | | Valve, Outlet, 2 x 2 (Parts on page E-20) | 1 | 1 | 1 |
| 16 | 4014729 ^{4,5} | | Gasket, Teflon, 2 In | 1 | 1 | 1 |
| 17 | 4015125 | | Bracket, 1.5Hp-Washer-Pump | 1 | 1 | - |

Note:

- When replacing Pump with Pump Assy 4016521, items 5 (either 4016542 or 4020859, which is obsolete, & 6 will also be needed.
- When replacing tube 4016543, which is obsolete, with shorter tube 4020159, a new version of item 6 (4015092), a longer hose, will be needed.
- Four of each supplied with coolers.
- Supplied with Valve package 4013833. Package 4013833 is obsolete.
- Not supplied with pump packages, but shown here.

Gearmotor Assembly, Nord

| | |
|-----------------------|-------------------|
| SECTION E | PAGE 15 |
| EFFECTIVE: 4/15/19 | |



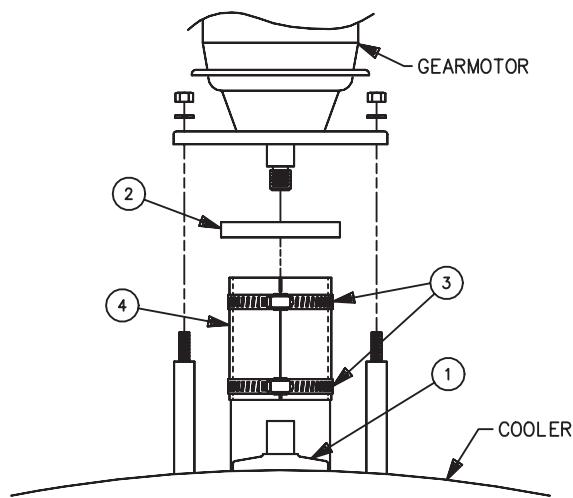
Gearmotor Lubrication Specifications

Lubrication Group: ISO VG 220
 Mobil - Mobilgear 630
 Esso - Spartan EP 220
 Shell - Omala Oil 220
 Sunoco - Sunep 1070
 Texaco - Meropa 220

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED |
|------|----------|---------------------------------------|--------------|
| | 4016857 | Gearmotor, Agitator, Nord, 230V, 60Hz | |
| 1 | 4018994 | Shaft, Output, Gearmotor | 1 |
| 2 | 4019018 | Kit, Reducer, Gasket, Gearmotor | 1 |
| 3 | 4018996 | Seal, Oil, Gearmotor | 1 |
| 4 | 4018998 | Bearing, Output, Gearmotor | 2 |
| 5 | 4019002 | ⊗ Spacer, Gearmotor | 1 |
| 6 | 4019003 | ⊗ Gear, Output, Gearmotor | 1 |
| 7 | 4019005 | ⊗ Ring, Retaining, Gearmotor | 1 |
| 8 | 4019009 | Bearing, OutBd Pinion, Gearmotor | 2 |
| 9 | 4019010 | ⊗ Pinion, Output, Gearmotor | 1 |
| 10 | 4019012 | ⊗ Gear, Input, Gearmotor | 1 |
| 11 | 4019017 | ⊗ Shim, Gearmotor | 1 |
| 12 | 4018400 | Motor, 1/4Hp, 1Ph, 115-230V, 60Hz | 1 |
| 13 | 4020492 | n/s Adapter, Agitator Shaft | 1 |

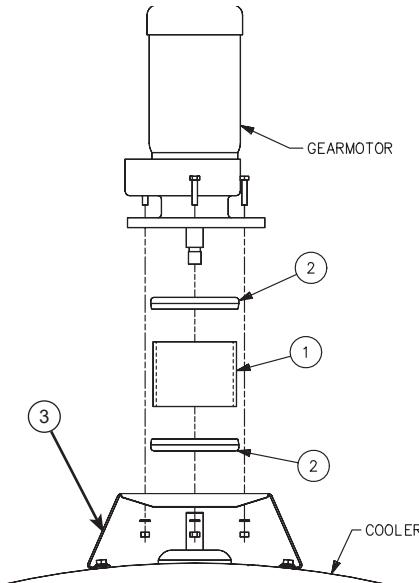
Note: Agitator adapter shaft (4020492) will adapt from a Nord gearbox to an agitator blade. The adapter shaft is 6 in. long and 1 in. diameter. It has a 3/4 in. hole on one end and is threaded for the Nord gearbox on the other end. Field fabrication is required.

Kit, Weatherproof Cover (Old Style)



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|-----------|---|-----------------------------------|
| | 4016496 | Kit, Weather-Proof Cover | |
| 1 | 4016494 | Grommet Assy, Agitator, W.P. | 1 |
| 2 | 4016428 | Gasket, Agitator | 1 |
| 3 | 8510105 | Clamp, Hose, SS, #56, 2.13-4.00 | 2 |
| 4 | 4016427 | Cover, Protective Set | 1 |
| 5 | - - - - - | Literature 1P-105 <i>(Installation instructions)</i> | a/r |

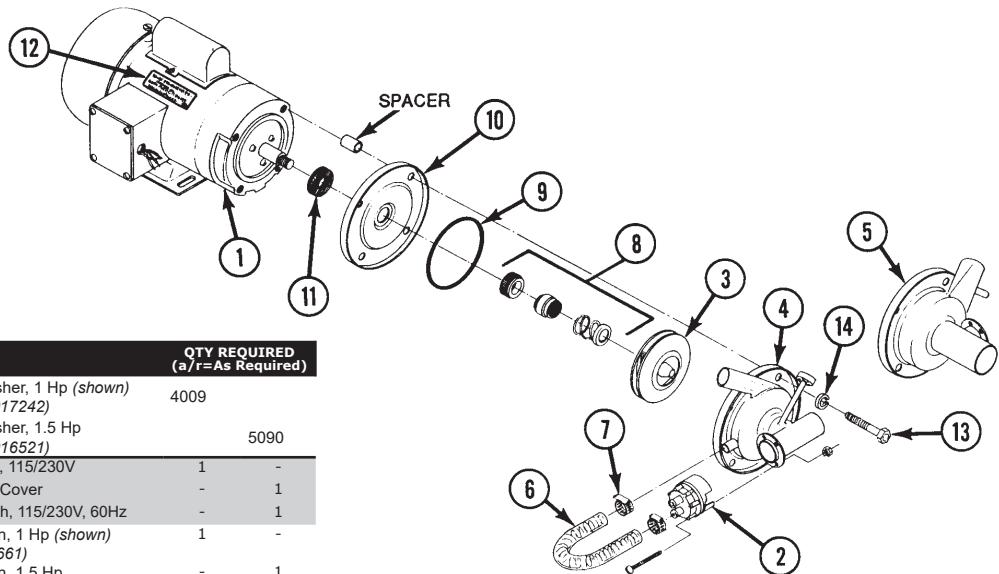
Kit, Weatherproof, Agitator Mount (DFK Series)



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|-----------|---|-----------------------------------|
| | 4024220 | Kit, WeatherProof, Agitator Mnt | |
| 1 | 4024222 | Tube, Acrylic, 5.00 x .19 x 3.50 | 1 |
| 2 | 4024223 | Gasket, Endless, Agitator Kit | 2 |
| 3 | 4023794 | Bracket, Agitator Mount | 1 |
| 4 | - - - - - | Literature 1E-187 <i>(Installation instructions)</i> | a/r |

Washer Pump Assemblies

| | |
|---------------------|-----------|
| SECTION | PAGE |
| E | 17 |
| EFFECTIVE: 10/25/19 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|---------|----------------------|--|---|
| | | ①=Obsolete n/s=Not Shown | |
| 4014009 | ⊗ | Pump Assy, Washer, 1 Hp (shown) (Replaced by 4017242) | 4009 |
| 4015090 | ⊗ | Pump Assy, Washer, 1.5 Hp (Replaced by 4016521) | 5090 |
| 1 | 4013836 | Motor, 1HP, 1Ph, 115/230V | 1 - |
| | 4016505 | Motor, 1.5HP, w/Cover | - 1 |
| | 4016504 ³ | Motor, 1.5HP, 1Ph, 115/230V, 60Hz | - 1 |
| 2 | 4014960 | Valve Assy, Drain, 1 Hp (shown) (Replaces 4013661) | 1 - |
| | 4015227 | Valve Assy, Drain, 1.5 Hp | - 1 |
| 3 | 4013997 | Impeller, Pump, 1Hp | 1 - |
| | 4015037 | Impeller, Pump, 1.5Hp | - 1 |
| 4 | 4014002 | Housing Assy, Impeller | 1 - |
| 5 | 4015035 | ⊗ Housing Assy, Impeller | - 1 |
| 6 | 4014525 | Hose, PVC, Reinf., .50 x .156W | a/r |
| 7 | 4012220 | Clamp, Hose, SS, #8, .50-.91 | 2 |
| 8 | 4014039 | Seal Assy, Pump Shaft | 1 |
| 9 | 4014008 | O-ring, 4.725 x .210, Buna-N | 1 Parts and quantities for all assemblies |
| 10 | 4013998 | Plate, Back, Pump | 1 same |
| 11 | 4014034 | O-ring, 0.609 x .139, Buna-N | 1 for all assemblies |
| 12 | 4014818 | ⊗ Label, Pump, Deco-Matic II | 1 |
| 13 | 1091051 | CSCR, HXH, SS, 3/8-16 x 1-1/2 | 4 |
| 14 | 1209388 | Washer, Lock, Hlcl Spr, SS, 3/8 | 4 |
| 15 | - - - - 1 | Capacitor, Start, 189-227Mfd, 110V | 1 - |
| | - - - - 2 | Capacitor, Start, 378-455Mfd, 110V | - 1 |

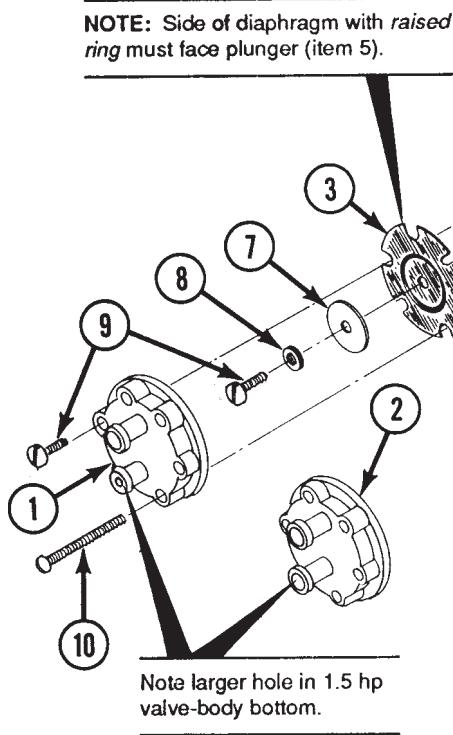
Note:

1. For replacement start capacitor order Magnetek/Century part no. 4-15769530.
2. For replacement start capacitor order Magnetek/Century part no. 4-15769543.

Note

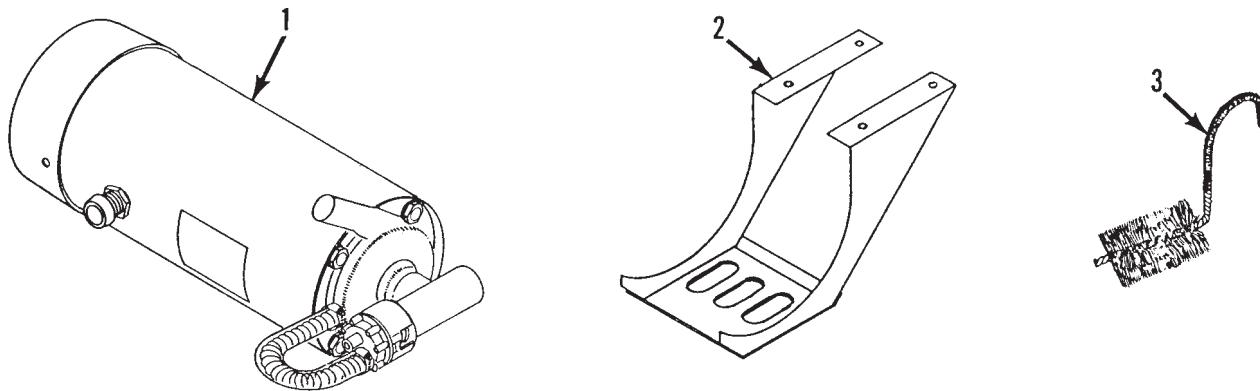
1. For replacement start capacitor order Magnetek/Century part no. 4-15769530.
2. For replacement start capacitor order Magnetek/Century part no. 4-15769543.
3. 4016504 is a direct replacement for 4016505.

Drain Valve Assemblies



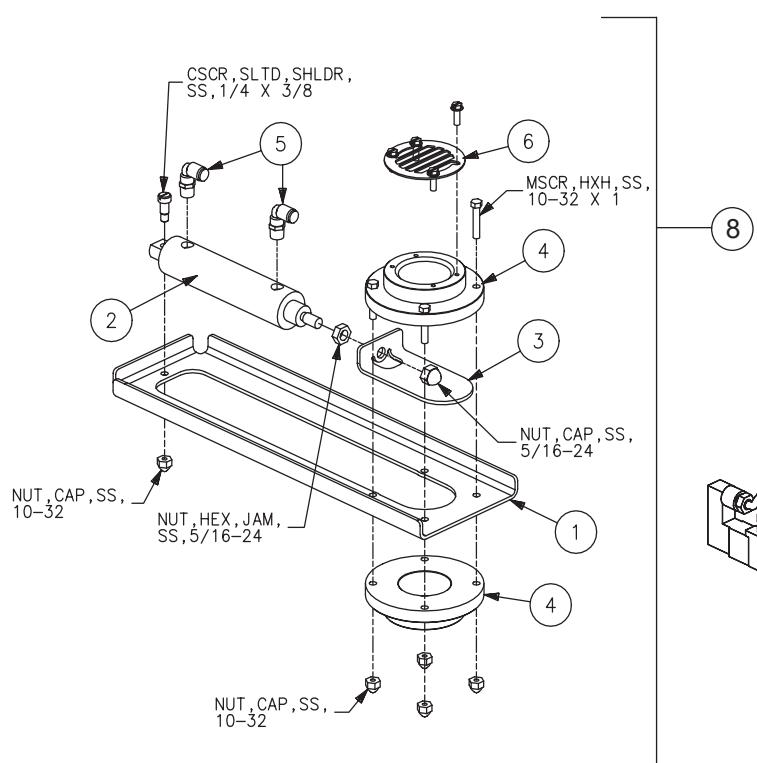
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|---------------------------------|--|
| | | | |
| | 4014960 | Valve Assy, Drain, 1 Hp (shown) | 4960 |
| | 4015227 | Valve Assy, Drain, 1.5 Hp | 5227 |
| 1 | 4014485 | Bottom, Valve-Body, 1.0Hp | 1 - |
| 2 | 4015226 | Bottom, Valve-Body, 1.5Hp | - 1 |
| 3 | 4013672 | Diaphragm, Drain Valve | 1 |
| 4 | 4014601 | Top, Valve-Body | 1 |
| 5 | 4014602 | Plunger, Drain-Valve | 1 |
| 6 | 4013667 | Disk, Rubber Plunger | 1 |
| 7 | 4013668 | Wsh, SS, .196 x 1.06 x .036 | 2 Parts and quantities same for all assemblies |
| 8 | 3551201 | Washer, Sealing, SS | 1 |
| 9 | 1096200 | MSCR, PNH, SS, 10-24 x 1/2 | 3 |
| 10 | 1002207 | MSCR, RDH, SS, 10-24 x 1-1/2 | 4 |
| 11 | 1204379 | Nut, Hex, Mscr, SS, 10-24 | 5 |

Washer Pump Retro-Kit 1-Hp



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|---------|----------|--|-----------------------------------|
| 4017242 | | Kit, Retro, Washer Pump, 1Hp, 60Hz | |
| 1 | 4017485 | ⊗ Pump Assy, Washer, 1Hp, 60Hz (Parts on page E-11) | 1 |
| 2 | 4015869 | ⊗ Bracket Assy, Pump | 1 |
| 3 | 4016590 | Hanger, Wash Line | 1 |

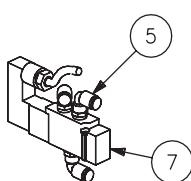
Drain Valve Kit, Air



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|---------|----------------------|--|-----------------------------------|
| 4023924 | | Kit, Drain Valve, Air | |
| 1 | 8510268 ¹ | Frame, Drain Valve | 1 |
| 2 | 4024403 ¹ | Cylinder, Drain Valve | 1 |
| 3 | 8510267 ¹ | Slide, Drain Valve | 1 |
| 4 | 4024404 ¹ | Body, Drain Valve | 2 |
| 5 | 3554451 ¹ | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 2 |
| 6 | 4024409 ¹ | Guard, Drain Valve | 1 |
| 7 | 4023923 | Valve, 4-Way, Air, 220VAC | 1 |
| 8 | 4024400 | Valve Assy, Drain Valve (Includes items 1 thru 6) | 1 |
| 9 | 8506554 | O-Ring, 1.421 x .139, Silicone (n/s) | 1 |
| 10 | 1005265 | TFSCR, HXWH, SS, 8-18 x 1/2 | 4 |
| 11 | 3556157 | Grommet, Multiple, 5/32 | 1 |
| 12 | - - - - - | Literature 1E-183 (Installation instructions) | ref |

Note:

1. Items are included in Drain Valve Assembly (4024400).



Outlet Valves

| | |
|-----------------------|-------------------|
| SECTION E | PAGE 19 |
| EFFECTIVE: 5/21/09 | |

Valve, Outlet, 2 x 2 In

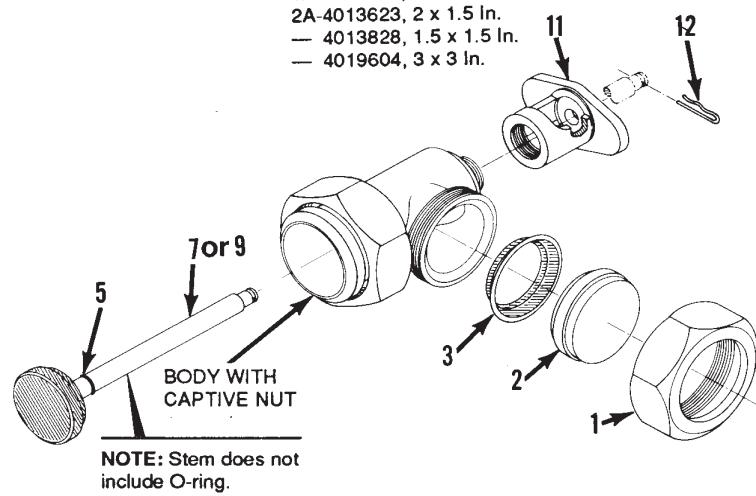
Current Version



STYLE "A"

1A-4013549, 2 x 2 In.
2A-4013623, 2 x 1.5 In.
— 4013828, 1.5 x 1.5 In.
— 4019604, 3 x 3 In.

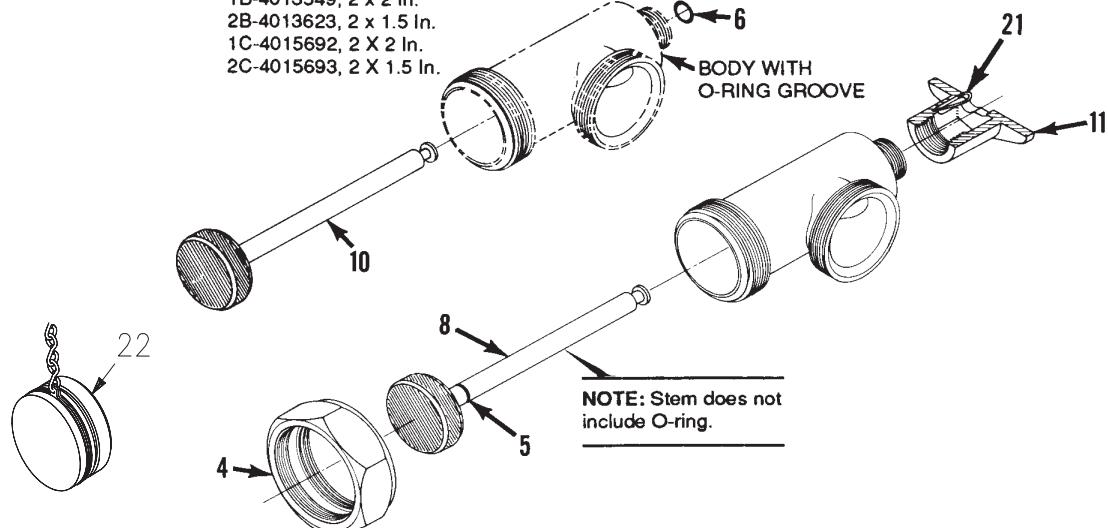
Earlier Version



Earlier Version

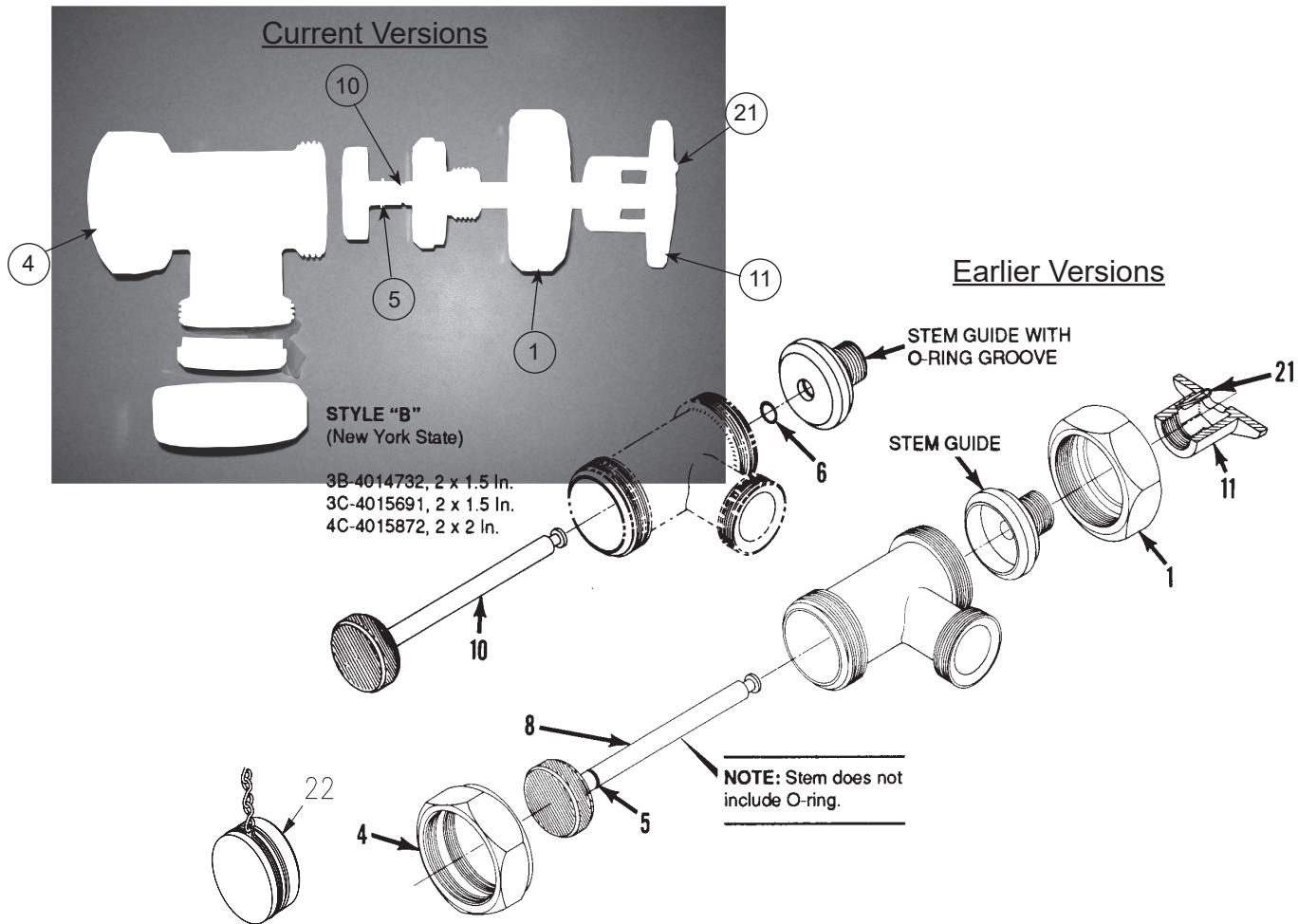
STYLE "B"

1B-4013549, 2 x 2 In.
2B-4013623, 2 x 1.5 In.
1C-4015692, 2 X 2 In.
2C-4015693, 2 X 1.5 In.



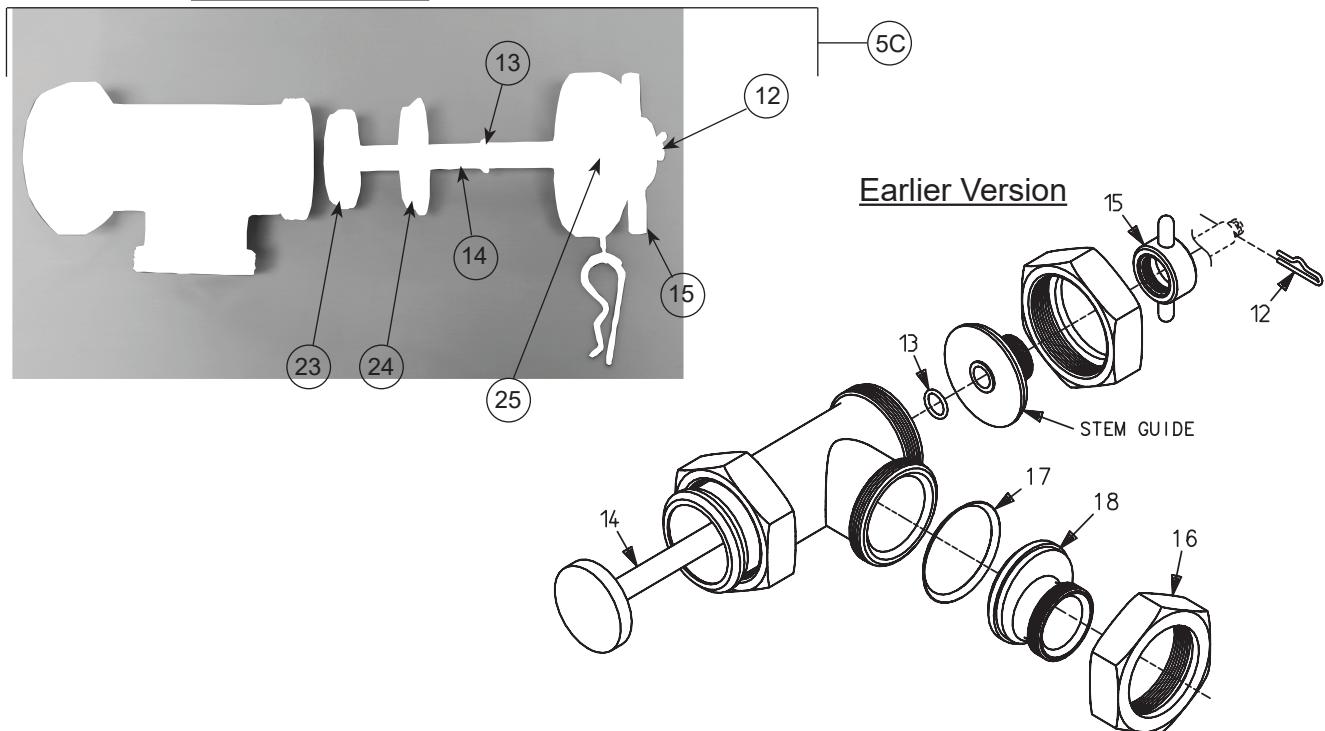
Outlet Valves

Valve, Outlet, 2 x 2 In NY



Current Versions

Valve, Outlet, 3 x 3



Outlet Valves

Valve, Outlet, 2 x 2 In NY

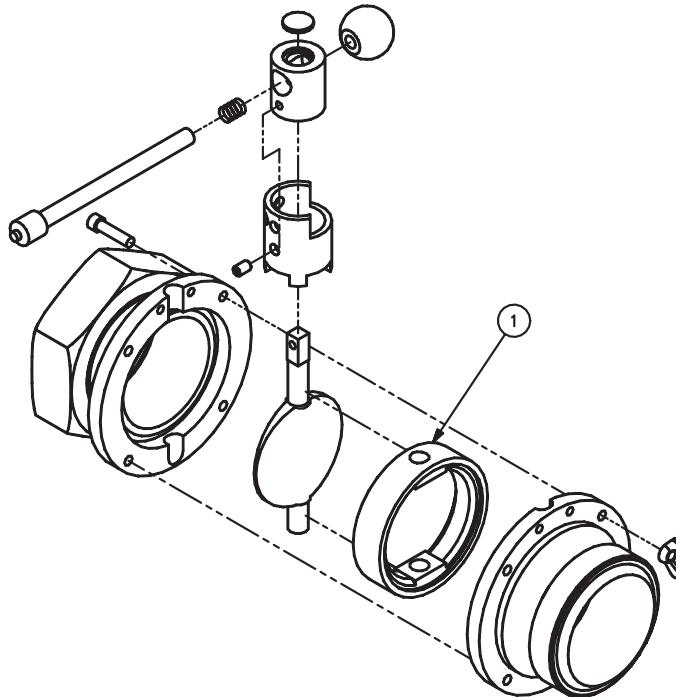
| | |
|------------------------|-------------------|
| SECTION E | PAGE 21 |
| EFFECTIVE: 11/27/17 | |

| Item | Part No. | ⊗=Obsolete n/s=Not Shown | Description | Quantity Required (A/R = As Required) | | | | | | | | | |
|------|----------|-----------------------------|---|---------------------------------------|------|------|------|------|------|------|------|---|--------|
| 1A,B | 4013549 | 1,2,3,4 | ⊗ Valve, Outlet, 2 x 2 In | 549A | 549B | | | | | | | | |
| 2A,B | 4013623 | 1,2,3,4 | ⊗ Valve, Outlet, 2 x 1.5 In | | 623A | 623B | | | | | | | |
| — | 4013828 | 2,3 | ⊗ Valve, Outlet, 1.5 x 1.5 In | | | | 3828 | | | | | | |
| 3B | 4014732 | 3,4 | ⊗ Valve, Outlet, 2 x 1.5 In | | | | | 4732 | | | | | |
| 1C | 4015692 | 3,5 | Valve, Outlet, 2 x 2 In | | | | | | 5692 | | | | |
| 2C | 4015693 | 3,5 | ⊗ Valve, Outlet, 2 x 1.5 In | | | | | | 5693 | | | | |
| 3C | 4015691 | 3,6 | ⊗ Valve, Outlet, 2 x 1.5 In | | | | | | | 5691 | | | |
| 4C | 4015872 | 3,6 | Valve, Outlet, 2 x 2 In, NY | | | | | | | 5872 | | | |
| 5C | 4019604 | 3 | Valve, Outlet, 3 x 3 In | | | | | | | | 9604 | | |
| 1 | 4017845 | 7,8 | Nut, #13H, SS, 2.0 In | 1 | 1 | - | - | - | 1 | 1 | - | 1 | 2 or 1 |
| | 8507925 | 7 | Nut, #13H, SS, 1.5 In | - | - | 1 | 1 | 1 | 1 | - | 1 | 1 | - |
| | 4012738 | 7,8 | Nut, #13H, Nylon, 1.5 In | - | - | - | - | - | - | or 1 | - | - | & 1 |
| 2 | 4009069 | 7 | Cap, End, SS, 2 In | 1 | 1 | - | - | - | - | 1 | - | - | 1 |
| | 4009073 | 7 | ⊗ Cap, End, SS, 1.5 In | - | - | 1 | 1 | 1 | 1 | - | 1 | 1 | - |
| 3 | 8507952 | 7 | ⊗ Gasket, Neoprene, 2 In | 1 | 1 | - | - | - | - | 1 | - | - | 1 |
| | 4079091 | ⊗ | Gasket, Neoprene, 1.5 In | - | - | 1 | 1 | 1 | 1 | - | 1 | 1 | - |
| 4 | 4013395 | ⊗ | Nut, Hex, Union, SS, 2 In, R/LH | - | 1 | - | 1 | - | 1 | 1 | 1 | 1 | 1 |
| 5 | 4013977 | | O-ring, 0.364 x .070, NPNR | 1 | 1 | 1 | 1 | - | 1 | - | - | - | - |
| 6 | 4019800 | | Kit, O-ring, Outlet Valve | - | - | - | - | - | 1 | 1 | 1 | 1 | - |
| 7 | 4013624 | | Stem, Outlet-Valve, 6-17/32 Lg | 1 | - | 1 | - | - | - | - | - | - | - |
| 8 | 4013978 | | Stem, Outlet-Valve, 7.12 Lg, w/O-ring | - | 1 | - | 1 | - | 1 | - | - | - | - |
| 9 | 4013831 | ⊗ | Stem, Outlet-Valve, 5-7/8 Lg | - | - | - | - | 1 | - | - | - | - | - |
| 10 | 4015688 | | Stem, Outlet-Valve, 7-1/8 Lg | - | - | - | - | - | 1 | 1 | 1 | 1 | - |
| 11 | 4013626 | ⊗ | Handle, Outlet-Valve | 1 | - | 1 | - | 1 | - | - | - | - | - |
| | 4015690 | | Handle, Outlet-Valve (Includes item 21) | - | 1 | - | 1 | - | 1 | 1 | 1 | 1 | - |
| 12 | 4013627 | | Hairpin, Outlet-Valve | 1 | - | 1 | - | 1 | - | - | - | - | 1 |
| 13 | 4020494 | | O-ring, 0.750 x .130, NPNR | - | - | - | - | - | - | - | - | - | 1 |
| 14 | 4020493 | | Stem, Outlet-Valve, 9-5/16 Lg | - | - | - | - | - | - | - | - | - | 1 |
| 15 | 4020498 | | Handle, Outlet-Valve, 3 x 3 | - | - | - | - | - | - | - | - | - | 1 |
| 16 | 4019605 | | Nut, #13H, SS, 3.0 In | - | - | - | - | - | - | - | - | - | 1 |
| 17 | 4019498 | | Gasket, Neoprene, 3 In | - | - | - | - | - | - | - | - | - | 2 |
| 18 | 4019409 | | Reducer, ECC, SS, 3 x 2 | - | - | - | - | - | - | - | - | - | 1 |
| 19 | 4016590 | n/s | Hanger, Wash Line | - | - | - | - | - | - | - | - | - | 1 |
| 20 | 4019785 | n/s | Wrench, Hex, 4.25 | - | - | - | - | - | - | - | - | - | 1 |
| 21 | 8500895 | 9 | Pin, Handle, Outlet Valve | - | 1 | - | 1 | - | 1 | 1 | 1 | 1 | - |
| 22 | 4024500 | | Plug, Wash Line, 2" w/Chain | 1 | 1 | - | - | - | 1 | - | - | 1 | - |
| 23 | 4040011 | | Seal, Outlet Valve, Stem, 3" | - | - | - | - | - | - | - | - | - | 1 |
| 24 | 4040034 | | Bonnet, Lower, Valve, Outlet, 3X3 | - | - | - | - | - | - | - | - | - | 1 |
| 25 | 4040035 | | Bonnet, Upper, Valve, Outlet, 3X3 | - | - | - | - | - | - | - | - | - | 1 |

Note

1. Style A and B are similar but made by different suppliers and require different repair parts
2. Style A and Valves 4013828 and 4019604 identified by hairpin and captive nut.
3. Style B and all other valves except 4013828 and 4019604 and Style A identified by keyhole slotted handle.
4. Identifying features for Items No. 1B, 2B, and 3B: O-ring is seated in groove on stem.
5. Identifying features for Items No. 1C and 2C: O-ring is seated inside body stem hole.
6. Identifying features for Items No. 3C and 4C: O-ring is seated inside stem guide.
7. Not supplied with valves
8. When replacing Nut (item 1) on 4015692, use either 4017845 or 4012738. When replacing Nut (item 1) on 4015872, use either two of 4017845 or one of that part and one of 4012738.
9. Pin needs to be welded in place to handle, 4015690.

Butterfly Drain Valve Kit



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|----------------------|------------------------------------|-----------------------------------|------|------|
| | 4024170 | Kit, Butterfly Drain Valve, 3" | 4170 | | |
| | 4041517 ¹ | Kit, Butterfly Valve, 3", ALT | | 1517 | |
| | 4024308 | Kit, Butterfly Drain Valve, 2" | | | 4308 |
| | 4024046 | Seal, Valve, Butterfly 3" | 1 | - | - |
| 1 | 8510343 ² | Seat, 3.0", Butterfly Valve, Sil | - | 1 | - |
| | 4024047 | Seal, Valve, Butterfly 2" | - | - | 1 |
| | 8510341 ² | Seat, 2.0", Butterfly Valve, Sil | - | - | 1 |
| 2 | 4009069 | Cap, End, SS, 2" | 1 | - | 1 |
| 3 | 4015092 | Hose, vinyl 2.00 x .250W | a/r | - | a/r |
| 4 | 4016590 | Hanger, washline | 1 | - | 1 |
| 5 | 4017845 | Nut, #13H, SS, 2.0" | 1 | - | 1 |
| 6 | 4019409 | Reducer, ECC, SS, 3x 2 | 1 | - | - |
| 7 | 4019498 | Gasket, Neoprene, 3" | 2 | - | - |
| 8 | 4019605 | Nut, #13H, SS, 3.0" | 1 | - | - |
| 9 | 4019785 | Wrench, Hex, 4.25 | 1 | - | - |
| 10 | 4024169 | Tube, Washline, Extension | 1 | - | 1 |
| 11 | 4024500 | Plug Assy, Washline 2", W/ chain | 1 | - | 1 |
| 12 | 4014729 | Gasket, 2", Bevel Seat, Teflon | 1 | - | 1 |
| 13 | 4023919 | * Valve, Butterfly Outlet, 3" | 1 | - | - |
| | 4041518 ¹ | * Valve, Butterfly Outlet, 3", ALT | - | 1 | - |
| 14 | 4023918 | * Valve, Butterfly Outlet, 2" | - | - | 1 |

Note:

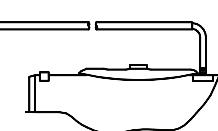
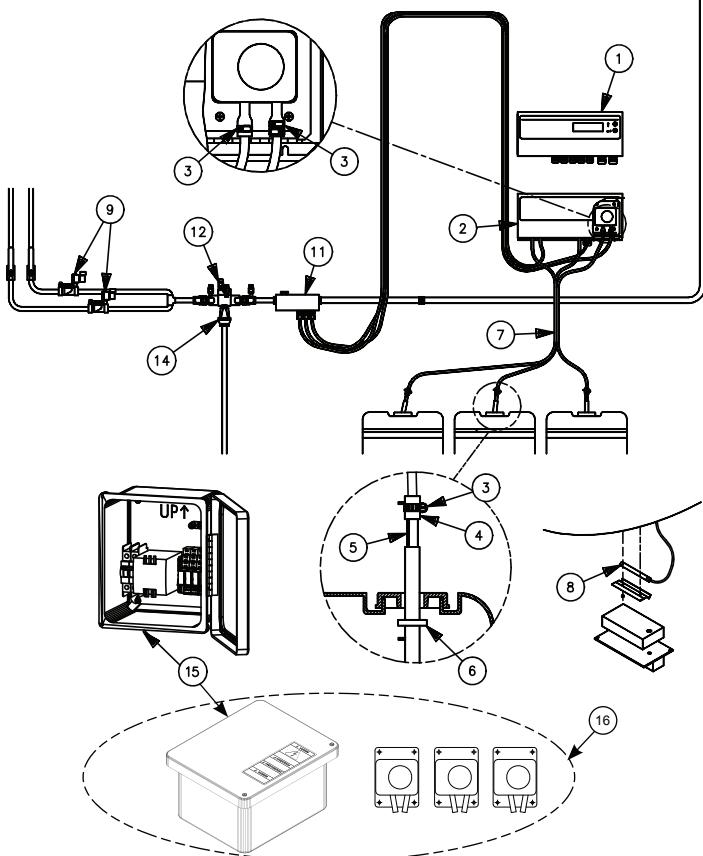
* Includes item 1.

1. Alternate supplier, (SPI engraved on each valve half), white colored knob on valve handle.

2. For alternate valve only.

Glacier Guard Washer, W/Converter

SECTION E PAGE 23
EFFECTIVE: 9/27/23

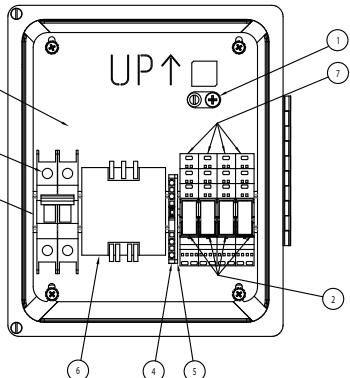


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|----------------------|----------------------|--|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| 4023262 ¹ | ⊗ | Washer, Glacier Guard, W/O Valve | 262 - |
| 8597817 | | Washer, Glacier Guard, W/Conv | - 817 |
| 1 | 4023251 | Control Assy, Electrical (Parts on page E-24) | 1 1 |
| 2 | 4023253 | Control Assy, Pump (Parts on page C-12) | 1 1 |
| 3 | 8516844 | Clamp, Hose, #6, .31-.88 | 12 12 |
| 4 | 8502562 | Retainer, Hose, Split | 3 3 |
| 5 | 8502563 | Retainer, Hose, Wire | 3 3 |
| 6 | 8502565 | Washer, Poly., .66 x 1.25 x .25 | 3 3 |
| 7 | 8502564 | Washer, Poly., 1.10 x 1.75 x .25 | 3 3 |
| 8 | 8516999 | Hose, Poly, Nat., .25 ID x 100 Ft | a/r a/r |
| 9 | 4023261 | Sensor Temp, Glacier Guard | 1 1 |
| 10 | 8515767 | Valve, Water, .50, 220 / 240 Vac | 2 2 |
| 11 | 8515768 | Valve, Water, .75, 220 / 240 Vac | 2 2 |
| 12 | 8515769 | Valve, Water, 1.00, 220 / 240 Vac (See Parts on page C-17) | 2 2 |
| 13 | 8516997 | n/s Label, Guardian II, Wires & Hoses | 1 1 |
| 14 | 4023264 | Manifold Assy, Chemical Inj (See Parts below) | 11 11 |
| 15 | 4023352 | Valve, Backflow Preventer, 3/4" | 1 1 |
| 16 | 4023353 | Valve, Backflow Preventer, 1/2" | 1 1 |
| 17 | 4023355 | Kit, Repair, B/F Preventer, 1/2" | a/r a/r |
| 18 | 4023356 | Kit, Repair, B/F Preventer, 3/4" | a/r a/r |
| 19 | 4023354 | Fitting, Air Gap | 1 1 |
| 20 | 3564084 ² | 230VAC to 24VDC Converter Encl. (See Parts below) | a/r - |
| 21 | 3564097 ² | 230VAC to 24VDC, Conv, Retrofit (Includes item 19 and three 24VDC Pumps 8597970 ³) | a/r - |
| 22 | ----- | Literature 1E-179 (Installation instructions) | a/r a/r |

NOTES:

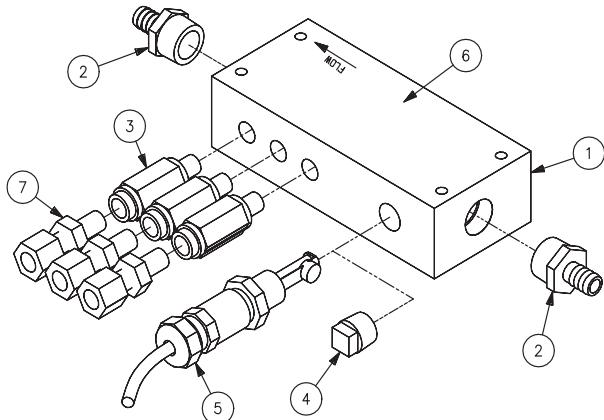
1. Replaced by 8597817.
2. For pumps prior to August 2023. Pumps after August 2023 are 24VDC input.
3. Was 8515262.

230VAC to 24VDC Converter Enclosure



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|---------|----------|--------------------------------|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| 3564084 | | 230VAC TO 24VDC CONV ENCLOS | - |
| 1 | 8513952 | LUG, GROUND, 14 TO 4 AWG | 1 |
| 2 | 4040111 | RELAY, 1 C/O, 230 VAC | 4 |
| 3 | 3564085 | BREAKER, CKT, 2-POLE, 0.5A | 1 |
| 4 | 3558253 | CONNECTOR, PWR, DIN RAIL MTG | 1 |
| 5 | 3559012 | BARRIER, CONN, DIN RAIL MTG | 1 |
| 6 | 3557976 | POWER SUPPLY, 24VDC, 4.0A, DIN | 1 |
| 7 | 4029151 | BASE, OVERRIDE, RELAY | 4 |
| 8 | 3558682 | RAIL, DIN, 7.50 | 1 |
| 9 | 3558681 | PLATE, MTG, POWER SUPPLY | 1 |

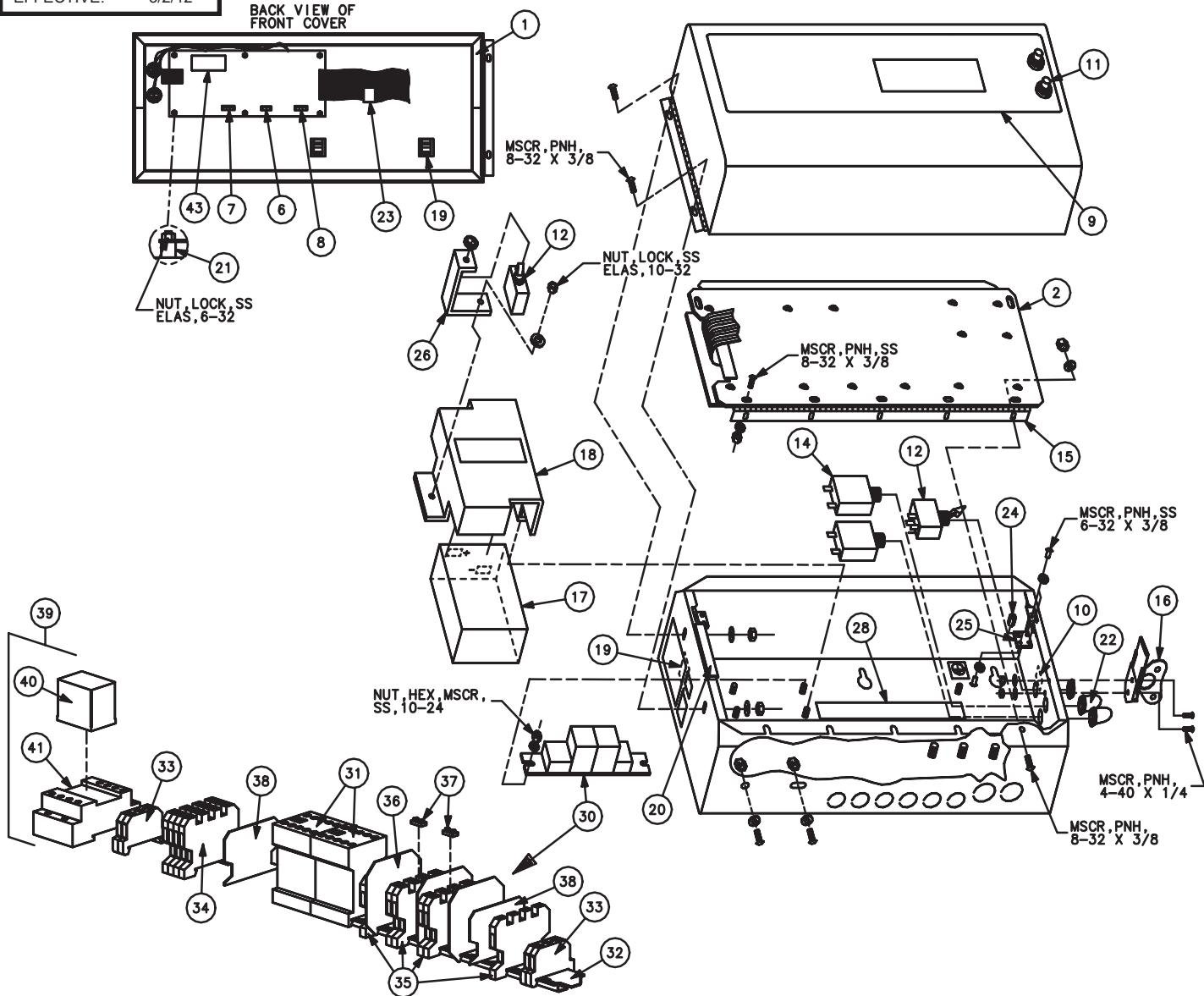
Manifold Assembly, Chemical Injection



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|---------|----------------------|----------------------------------|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| 4023264 | | Manifold Assy, Chemical Inj | 264 |
| 8501938 | | Manifold Assy, Chemical Inj | 938 |
| 1 | 8501851 | Manifold, Chemical Injection | 1 1 |
| 2 | 4022785 | Adapter, 1/2 Hose x 3/4 NPT | 2 2 |
| 3 | 8503970 ¹ | Valve, Check | 3 3 |
| 4 | 8509547 | Valve, Check | 3 3 |
| 5 | 8518937 | Plug, Int, Plstc, .50 | 1 - |
| 6 | 8501852 | Switch, Water Flow, Chemical Inj | - 1 |
| 7 | 8501897 | Label, Manifold, Chemical Inj | 1 1 |
| 8 | 8501941 | Adapter, 3/8 Hose x 1/4 NPT | 3 3 |

NOTE:
1. Item 3: 8503970 replaced by 8509547 and 8501941

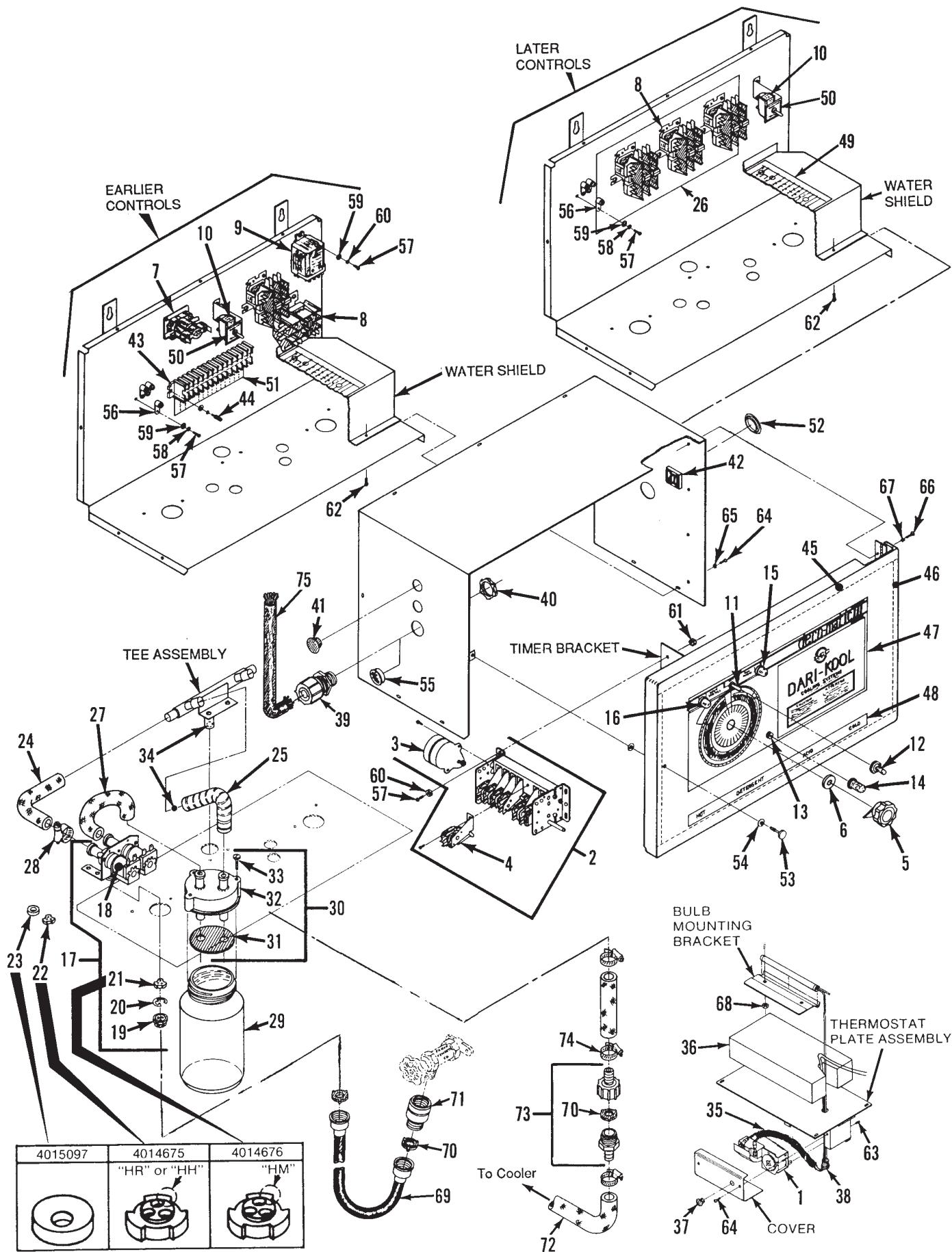
Glacier Guard Electrical Assembly



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. n/s=NOT SHOWN |
|----------------|----------|---|----------------------------|
| 4023251 | | Control Assy, Electrical | - |
| 1 | 8516989 | Gasket, Wrapper | 1 |
| 2 | 4023250 | Door Assy | 1 |
| 3 | 1931818 | n/s Fuse, 1.00 A, 250V, Slow 1.25 x .25 | 1 |
| 4 | 1932205 | ⊗ Fuse Holder, 5 x 20 mm, Plstc (For use with metric size fuses) | 6 |
| 5 | 1931833 | n/s Fuse, 6.25A, 250V, Slow, 1.25 x .25 | 6 |
| 6 | 1917631 | Connector, Term Strip, 3 pos | 1 |
| 7 | 1917632 | Connector, Term Strip, 4 pos | 1 |
| 8 | 1917633 | Connector, Term Strip, 5 pos | 1 |
| 9 | 4023257 | Label, Door, Elect Control | 1 |
| 10 | 8505777 | Label, On-Off, International | 1 |
| 11 | 1980311 | Switch, PB,SPST,Mom | 2 |
| 12 | 8516824 | Switch, Toggle, DPST, On-Off, VDE | 2 |
| 13 | 4023258 | n/s Wire Harness, Glacier Guard | 1 |
| 14 | 8516828 | Breaker, Ckt, 15A, VDE | 2 |
| 15 | 8516978 | Hinge, w/Holes, 16.00" Lg | 1 |
| 16 | 8515269 | Fastener, Link-Lock | 11 |
| 17 | 1912504 | Battery, 6V, Lead-Acid | 1 |
| 18 | 3554934 | Bracket, Battery, 6V | 1 |
| 19 | 1914003 | Clamp, Cable, 1/2 Dia, Adh | 3 |
| 20 | 4016780 | Trim, Seal, Flexible | a/r |
| 21 | 1979607 | Spacer, Round, .6 x .3, NYL | 6 |
| 22 | 4015960 | Seal, Switch, Ckt-Breaker | 2 |
| 23 | 4015321 | Clamp, Cable, Self-Stick | 1 |
| 24 | 1979708 | Spacer, Thd, Hex, 6-32 x .375 AL | 2 |
| 25 | 8516151 | Plate, Mt, PWB | 2 |
| 26 | 4023268 | Bracket, Switch, Cool-Manual | 1 |
| 27 | 4022786 | ⊗ n/s Label, Glacier Guard Wiring | 1 |
| 28 | 4023267 | Label, Wiring, Din Rail | 1 |
| 29 | 8516892 | n/s Filter, EMI, Clamp-On, 5" | 1 |
| 30 | 4023263 | Term, Blk Assy, Glacier Guard (Includes items 31 thru 42) | 1 |
| 31 | 4023266 | Contactor, 3Ph, 16A | 2 |
| 32 | 4023900 | ⊗ Rail, Din, 10.50 Long | 1 |
| 33 | 4023904 | ⊗ Terminal, Ground, Din Rail | 4 |
| 34 | 4023905 | ⊗ Terminal, 2-Pole, 2-Tier, Din | 4 |
| 35 | 4023906 | ⊗ Terminal, 1-Pole, 2-Tier, Din | 6 |
| 36 | 4023907 | ⊗ Barrier, Din Rail | 3 |
| 37 | 4023908 | ⊗ Link, Rail, 2 Terminal | 2 |
| 38 | 4023909 | ⊗ End Plate, Terminal, 2-Tier | 2 |
| 39 | 4023910 | Relay Assy, Auto/Manual (Includes items 40 thru 42) | 1 |
| 40 | 4023901 | Relay, 4PDT, 240 Vac, 9A | 1 |
| 41 | 4023902 | ⊗ Socket, Relay, Din Rail | 1 |
| 42 | 4023903 | ⊗ n/s Clip, Relay | 1 |
| | 8602553 | ⊗ PROM,RCD,IN CAR,GLCRGRD,LANG 1 (English, French, German, Dutch, Spanish, Italian) | 1 |
| 43 | 8582789 | PROM,NEW,NO CAR,GLCRGRD,LANG 1 or 1 | or 1 |
| | 8609274 | ⊗ PROM,RCD,IN CAR,GLCRGRD,LANG 2 or 1 (English, Slovakian, German, Dutch, Spanish, Italian) | or 1 |
| | 8582790 | PROM,NEW,NO CAR,GLCRGRD,LANG 2 or 1 | or 1 |

Deco-Matic III™ Controller

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EFFECTIVE: 3/15/94



Deco-Matic III™ Controller

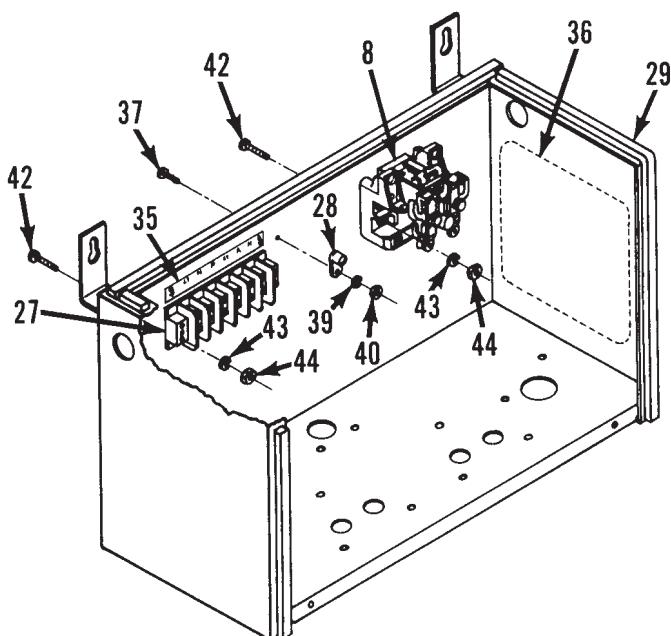
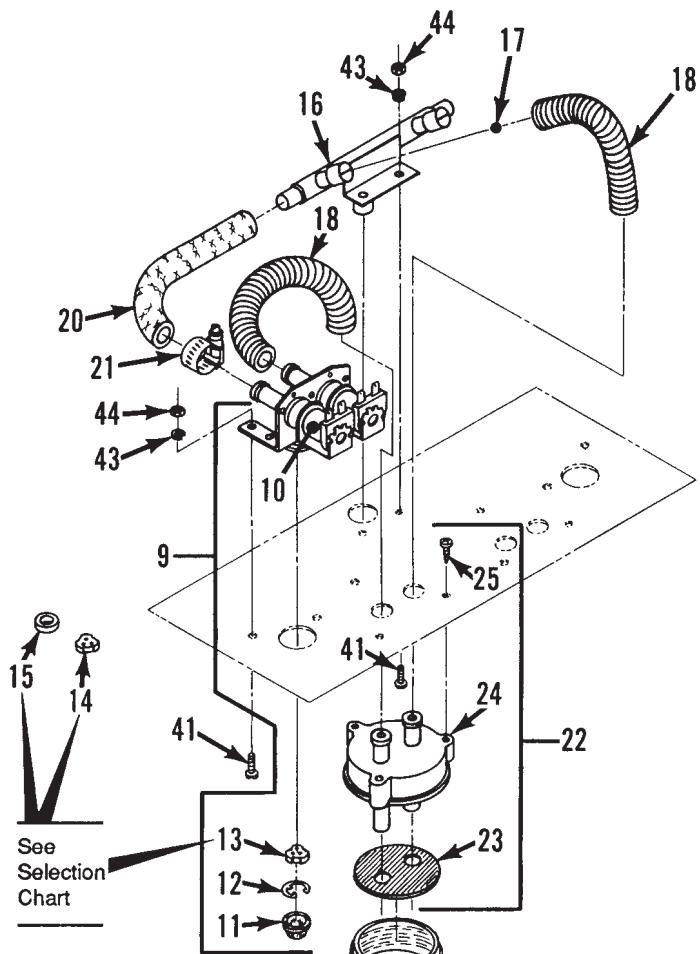
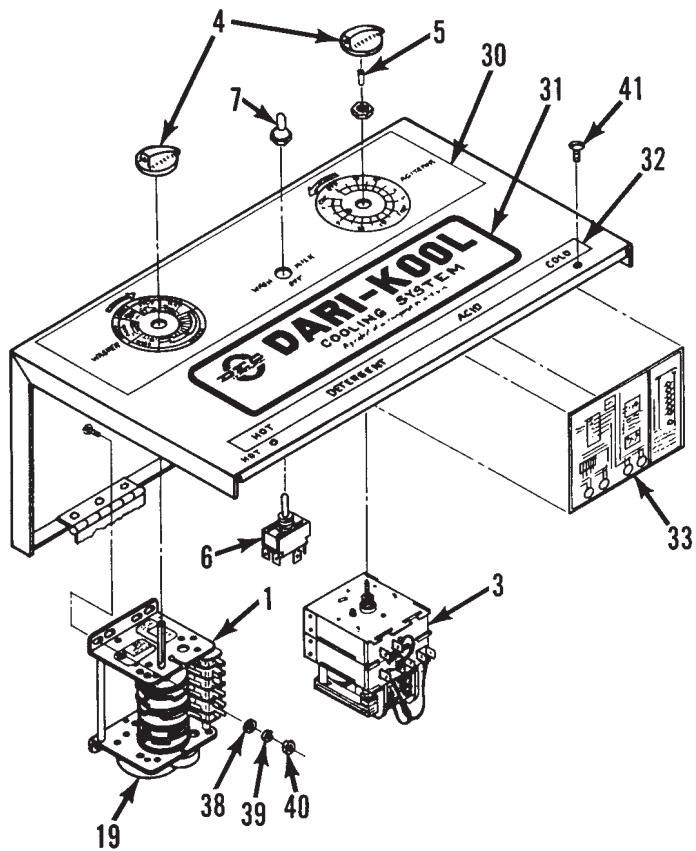
| Item | Part No. | Description | Quantity Required |
|---------|----------|--|-------------------|
| | | <small>Q=OBsolete n/s=NOT SHOWN</small> | |
| 4016152 | | Control Assy, Deco-Matic III | - |
| 1 | 4017278 | Thermostat, Refrig, 35-45 Deg | 1 |
| 2 | 4015908 | Timer, 7-Cam, 230V <i>(Includes items 3 & 4)</i> | 1 |
| 3 | 4015909 | Motor, Cam Timer | 1 |
| 4 | 4015911 | Switch, 7-Cam Timer | 7 |
| 5 | 4016476 | Knob, Plastic, Black, w/Pointer | 1 |
| 6 | 4016501 | Gasket, Timer Shaft | 1 |
| 7 | 4015127 | Relay, Time Delay, SPST | 1 |
| 8 | 4015912 | Relay, DPST, 20 Amp <i>(Note: Later controls use 3 relays)</i> | 3 |
| 9 | 4015913 | Relay, DPDT, 240V, 10 Amp | 1 |
| 10 | 3551791 | Switch, Toggle, SPST | 1 |
| 11 | 4015914 | Switch, Toggle, 3PDT | 1 |
| 12 | 3551793 | Seal, Toggle-Switch | 1 |
| 13 | 4015915 | Breaker, Ckt, .50A, 250V <i>(Includes reset button)</i> | 1 |
| 14 | 4015960 | Seal, Switch, Ckt-Breaker | 1 |
| 15 | 4015923 | Light, Pilot, Green, 250V | 1 |
| | 4017226 | Light, Pilot, Blue, 250V | 1 |
| 16 | 4015924 | Light, Pilot, Amber, 250V | 1 |
| 17 | 4015918 | Valve, Solenoid, 2-Out, 230V <i>(Includes items 18 thru 21)</i> | 2 |
| 18 | 4014959 | Coil, Solenoid-Valve, 230V | 4 |
| 18a | 8516959 | n/s Diaphragm, N-43 or S-30 | 4 |
| 18b | 8504074 | n/s Body, Valve, Solenoid | 4 |
| 19 | 4015376 | Screen, Solenoid-Valve | 2 |
| 20 | 4015347 | Ring, Retaining | 2 |
| 21 | 4014676 | Orifice, Flow, 1.6 GPM | 2 |
| 22 | 4014675 | Orifice, Flow, 2.7 GPM <i>(2 supplied with 4016152)</i> | a/r |
| 23 | 4015097 | Orifice, Flow, 4 GPM <i>(2 supplied with 1.5Hp Pump Pkg 4016592 or 4016593)</i> | a/r |
| 24 | 4015446 | Hose, Frmd, PVC, Reinf, .50 ID, J-SM | 2 |
| 25 | 4015864 | Hose, PVC, Reinf, .50 x 4.88 | 2 |
| 26 | 4019941 | Label, Wiring Diag | 1 |
| 27 | 4015916 | Hose, Frmd, PVC, Reinf, .50 ID,G <i>(replaced with 4015864)</i> | 2 |
| | 4015864 | Hose, PVC, Reinf., .50 x 4.88 | 1 |
| 28 | 4012220 | Clamp, Hose, SS, #8, .50-.91 | 12 |
| 29 | 4018856 | Jar, Plastic, 1 Quart | 2 |
| 30 | 4015112 | Collar Assy, Jar <i>(Includes items 31 thru 33)</i> | 2 |
| 31 | 8518772 | Gasket, Jar | 2 |
| 32 | 4014944 | Collar, Jar | 2 |
| 33 | 1023202 | TCSCR, PNH, SS, 10-24 x 3/4 T | 6 |
| 34 | 4014019 | Ball, Check, Rbr, .38 Dia | 2 |
| 35 | 4016382 | Cord Assy, 2-Cond, 18 Gax9.5 Ft | 1 |
| 36 | 4015994 | Block, Insulation | 1 |
| 37 | 3551818 | Plug, Int, Plstc, 0.38 | 1 |
| | 3551755 | Plug, Int, Plstc, 0.88 <i>(Later controls use 3551755)</i> | 1 |
| 38 | 4012569 | Bushing, Snap, Nylon, SB-562-6 | 1 |
| 39 | 4015417 | Conn, Str-Rlf, .63-.75, 3/4NPT | 1 |
| 40 | 3551278 | Nut, Lock, Conduit, 3/4NPT | 1 |
| 41 | 4012594 | Plug, Int, Plstc, 0.88 | 2 |
| 42 | 1979400 | Retainer, Misc, SM Mount, Nylon | 5 |
| 43 | 4015876 | Block, Terminal, 14-Position | 1 |
| 44 | 4015934 | Standoff, Hex, Brs, 6-32 x .50 | 2 |
| 45 | 4015963 | Gasket, Rbr/Crk, .12x.75x20.34 | 2 |
| 46 | 4015964 | Gasket, Rbr/Crk, .12x.38x11.12 | 2 |
| 47 | 4015965 | Label, Cover, Deco-Matic III | 1 |
| 48 | 4015467 | Label, Hot-Deter-Acid-Cold | 1 |
| 49 | 4019942 | Label, Wiring Diag, Deco-Matic <i>(For use with later controls only)</i> | 1 |
| 50 | 4015953 | Label, Thermostat, Bypass | 1 |
| 51 | 4015955 | Label, Terminal Block | 1 |
| 52 | 4014666 | Plug, Int, Plstc, 1.25 | 1 |
| 53 | 8507047 | Screw, Knurled, Retainer | 1 |
| | 1027301 | TFSCR, PNH, SS, 1/4-14 X 1 AB <i>(Replaces 8507047)</i> | 1 |
| 54 | 4019760 | Washer, Sealing, SS, No.14 | 1 |
| 55 | 8560272 | Plug, Int, Plstc, 1.12 | 1 |
| 56 | 3551897 | Lug, Ground, 14 to 8 AWG | 3 |
| 57 | 1096163 | MSCR, PNH, SS, 6-32 x 3/8 | 21 |
| 58 | 1235382 | Washer, Lock, Intl-T, SS, #6 | 3 |
| 59 | 1208382 | Washer, Plain, SS, #6 | 17 |
| 60 | 1209382 | Washer, Lock, Hlcl Spr, #6 | 17 |
| 61 | 1204377 | Nut, Hex, MSCR, SS, 6-32 | 3 |
| 62 | 1024163 | TCSCR, PNH, SS, 6-32 x 3/8 F | 2 |
| 63 | 1096177 | MSCR, PNH, SS, 8-32 x 1/4 | 2 |
| 64 | 1096179 | MSCR, PNH, SS, 8-32 x 3/8 | 9 |
| 65 | 1209383 | Washer, Lock, Hlcl Spr, SS, #8 | 9 |
| 66 | 1096200 | MSCR, PNH, SS, 10-24 x 1/2 | 10 |
| 67 | 1209384 | Washer, Lock, Hlcl Spr, SS, #10 | 10 |
| 68 | 1204379 | Nut, Hex, MSCR, SS, 10-24 | 6 |
| 69 | 4011898 | Hose Assy, Water Fill, 5 Ft | 2 |
| 70 | 4015418 | Washer, Hose | 5 |
| 71 | 4014587 | Coupling, Anti-Backflow | 2 |
| 72 | 4013932 | Hose, Vinyl, Reinf, .50 x .125W <i>(Part No. represents 1 foot)</i> | a/r |
| 73 | 4015071 | Coupling, Hose, Nylon, .5 In <i>(Includes 1 of item 70)</i> | 1 |
| 74 | 4012220 | Clamp, Hose, SS, #8, .50-.91 | 3 |
| 75 | 4015261 | Cable, 8-Cond, Control <i>(Part No. represents 1 foot)</i> | a/r |
| 76 | 1979001 | Tie, Cable, 5.87 x .09 | 6 |
| 77 | 4015966 | Wire Harness, Deco-Matic | 1 |
| | 4017222 | Wire Harness, Deco-Matic <i>(Later controls use 4017222)</i> | 1 |
| 78 | ----- | Literature 1E-94 <i>(Deco-Matic III Installation and Service Instructions)</i> | ref |
| 79 | ----- | Literature 1E-95 <i>(Deco-Matic III Operation Instructions)</i> | ref |
| 80 | ----- | Literature 1P-104 <i>(User Instruction Card)</i> | ref |

Note

1. Use plugs (items 41, 52, and 55) when holes are not used.

Deco-Matic II Control Cabinet

SECTION E PAGE 27
EFFECTIVE: 3/15/94



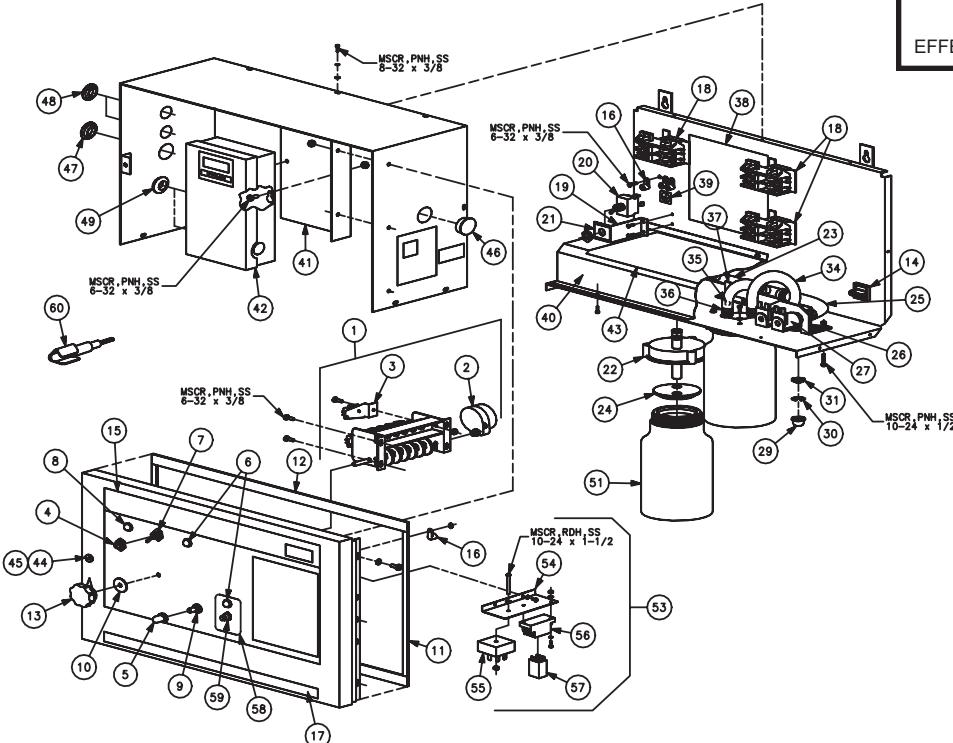
| Selection Chart for Flow Orifices | | |
|-----------------------------------|---------------------------|---------------------------|
| FLOW ORIFICES | COOLER SIZE (GALLONS) | |
| | 450-2000 | 3000-6000 |
| 4014676 1.6 GPM | water supply pressure OK | |
| 4014675 2.7 GPM | water supply pressure LOW | water supply pressure OK |
| 4015097 4 GPM | | water supply pressure LOW |

Deco-Matic II Control Cabinet

| Item | Part No. | ⊗ n/s=NOT SHOWN | Description | Quantity Required |
|------|----------|--------------------|--|-------------------|
| | 4014526 | ⊗ | Control Assy, Deco-Matic II | - |
| 1 | 4013840 | ⊗ | Timer, 6-Cam, 115/60 | 1 |
| 2 | 4013399 | ⊗ n/s | Timer Assy, w/Knob & Adapter | 1 |
| | 4024174 | | Kit, Timer (<i>Replaces 4013399 & Items 3 thru 5</i>) | 1 |
| 3 | 4013450 | ⊗ | Timer, 2-Hour, 115V | 1 |
| 4 | 4013397 | ⊗ | Knob, Timer | 2 |
| 5 | 4013398 | ⊗ | Adapter, Shaft, Knob | 1 |
| 6 | 8519140 | | Switch, Toggle, DPDT | 1 |
| 7 | 3551793 | | Seal, Toggle-Switch | 1 |
| 8 | 8560169 | | Relay, DPST, 110V, 25A | 1 |
| 9 | 4012916 | | Valve, Solenoid, w/Coils (<i>Includes items 10 thru 13</i>) | 2 |
| 10 | 4012727 | | Coil Assy, Solenoid-Valve, 115V | 4 |
| 10a | 8516959 | n/s | Diaphragm, N-43 or S-30 | 4 |
| 10b | 8504074 | n/s | Body, Valve, Solenoid | 2 |
| 11 | 4015376 | ⊗ | Screen, Solenoid-Valve | 2 |
| 12 | 4015347 | | Ring, Retaining | 2 |
| 13 | 4014676 | | Orifice, Flow, 1.6 GPM | 2 |
| 14 | 4014675 | | Orifice, Flow, 2.7 GPM | or 2 |
| 15 | 4015097 | | Orifice, Flow, 4 GPM | or 2 |
| 16 | 4014518 | | Tee Assy, SS, w/Support Clip | 1 |
| 17 | 4014019 | | Ball, Check, Rbr, .38 Dia | 2 |
| 18 | 4014525 | | Hose, PVC, Reinf, .50 x .156W | a/r |
| 19 | 4019497 | ⊗ | Motor, Cam Timer, 115V | 1 |
| 20 | 4013932 | | Hose, Vinyl, Reinf, .50 x .125 | a/r |
| 21 | 4012220 | | Clamp, Hose, SS, #8, .50-.91 | 12 |
| 22 | 4015112 | | Collar Assy, Jar (<i>Includes items 23 thru 25</i>) | 2 |
| 23 | 8518772 | | Gasket, Jar | 2 |
| 24 | 4014944 | | Collar, Jar | 2 |
| 25 | 1023202 | | TCSCR, PNH, SS, 10-24 x 3/4 T | 6 |
| 26 | 4018856 | | Jar, Plastic, 1 Quart | 2 |
| 27 | 4014171 | ⊗ | Block, Terminal 6-Position | 1 |
| 28 | 3551897 | | Lug, Ground, 14 to 8 AWG | 2 |
| 29 | 8513864 | ⊗ | Tape, Foam, Pressure-Sensitive | a/r |
| 30 | 4016400 | ⊗ | Label, Washer-&Agitator | 1 |
| 31 | 4013600 | | Label, Dari-Kool, 3-1/4 x 7 | 1 |
| 32 | 4015467 | | Label, Hot-Deterg-Acid-Cold | 1 |
| 33 | 4014682 | ⊗ | Label, Wiring Diag, Washer | 1 |
| 34 | 1979001 | | Tie, Cable, 5.87 x .09 | 6 |
| 35 | 4014147 | ⊗ | Label, Terminal Block | 1 |
| 36 | 4012939 | ⊗ | Label, Remove-And-Hand-Wash | 1 |
| 37 | 1096181 | | MSCR, PNH, SS, 8-32 x 1/2 | 2 |
| 38 | 1208383 | | Washer, Plain, SS, #8 | 3 |
| 39 | 1209383 | | Washer, Lock, Hlcl Spr, SS, #8 | 5 |
| 40 | 1204378 | | Nut, Hex, Mscr, SS, 8-32 | 5 |
| 41 | 1096200 | | MSCR, PNH, SS, 10-24 x 1/2 | 8 |
| 42 | 1096202 | | MSCR, PNH, SS, 10-24 x 3/4 | 4 |
| 43 | 1209384 | | Washer, Lock, Hlcl Spr, SS, #10 | 10 |
| 44 | 1204379 | | Nut, Hex, Mscr, SS, 10-24 | 10 |

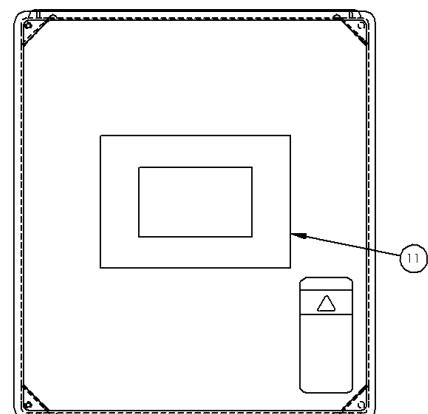
Deco-Matic 3-D Controller

| | |
|----------------------|-------------------|
| SECTION E | PAGE 29 |
| EFFECTIVE: 7/9/19 | |

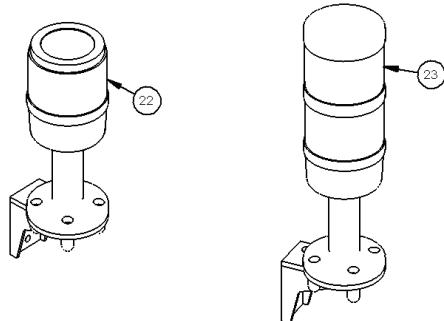
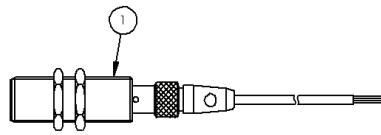
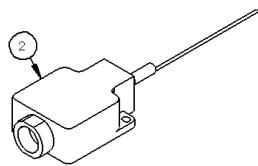
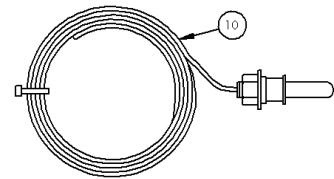
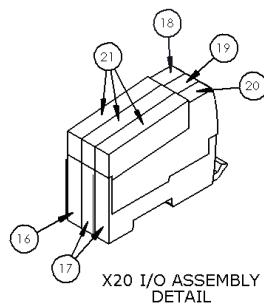
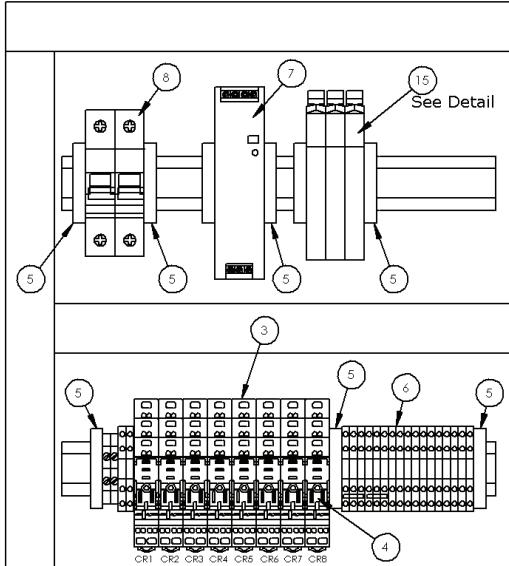


| Item | Part No. | Description | Quantity Required |
|---------|----------|---|-------------------|
| | | ⊗=OBSOLETE n/s=NOT SHOWN | |
| 4021935 | ⊗ | Control Assy, Deco-Matic 3D | - |
| 1 | 4015908 | Timer, 7 Cam, 230V (Includes items 2 & 3) | 1 |
| 2 | 4015909 | Motor, Cam Timer | 1 |
| 3 | 4015911 | Switch, 7-Cam Timer | 7 |
| 4 | 4021975 | ⊗ Seal, Toggle Switch | 1 |
| 5 | 4015960 | Seal, Switch, Ckt-Breaker | 1 |
| 6 | 4015923 | Light, Pilot, Green, 250V | 1 |
| 7 | 4015914 | Switch, Toggle, 3PDT | 1 |
| 8 | 4015924 | Light, Pilot, Amber, 250V | 1 |
| 9 | 8516825 | Breaker, Ckt, 5A, VDE | 1 |
| 10 | 4016501 | Gasket, Timer Shaft | 1 |
| 11 | 4015964 | Gasket, Rbr/Crk, .12 x .37 x 11.12 | 2 |
| 12 | 4015963 | Gasket, Rbr/Crk, .12 x .75 x 20.34 | 2 |
| 13 | 4016476 | Knob, Plstc, Black, w/Pointer | 1 |
| 14 | 1979400 | Retainer, Misc, Sm Mount, Nylon | 4 |
| 15 | 4021926 | ⊗ Label, Cover, Deco-Matic 3D | 1 |
| 16 | 3551897 | Lug, Ground, 14 to 8 AWG | 4 |
| 17 | 4022431 | ⊗ Label, Hot-Det-Acid-Cold | 1 |
| 18 | 4015912 | Relay, DPST, 20 Amp | 3 |
| 19 | 4015921 | Bracket, Switch | 1 |
| 20 | 8516824 | Switch, Toggle, DPST, On-Off, VDE | 1 |
| 21 | 4015953 | Label, Thermostat, Bypass | 1 |
| 22 | 4014944 | Collar, Jar | 2 |
| 23 | 4014518 | Tee Assy, SS, w/Support Clip | 1 |
| 24 | 8518772 | Gasket, Jar | 2 |
| 25 | 4015446 | Hose, Frmd, PVC, Reinf,.50ID, J-Sm | 2 |
| 26 | 4015918 | Valve, Solenoid, 2-Out, 230V (Includes items 27 thru 31) | 2 |
| 27 | 4014959 | Coil, Solenoid-Valve, 230V | 4 |
| 27a | 8504074 | n/s Body, Valve, Solenoid | 2 |
| 28 | 8516959 | n/s Diaphragm, N-43 or S-30 | 4 |
| 29 | 4015376 | ⊗ Screen, Solenoid-Valve | 2 |
| 30 | 4015347 | Ring, Retaining | 2 |
| 31 | 4014676 | n/s Orifice, Flow, 1.6 GPM HM | 2 |
| 32 | 4014675 | n/s Orifice, Flow, 2.7 GPM HB or HH (2 supplied with 4016152) | 2 |
| 33 | 4015097 | Orifice, Flow, 4 GPM (2 supplied with 1.5H _p Pump Pkg 4016592 or 4016593) | a/r |
| 34 | 4015916 | ⊗ Hose, Frmd, PVC, Reinf,.50ID, G | 2 |
| 35 | 4014019 | Ball, Check, Rbr, .38 Dia | 2 |
| 36 | 4012220 | Clamp, Hose, SS, #8, .50-.91 | 12 |
| 37 | 4014525 | Hose, PVC, Reinf, Wire, .50 x .156W | a/r |
| 38 | 4021931 | ⊗ Label, Wiring, Field | 1 |
| 39 | 8505776 | Label, Ground, International | 1 |
| 40 | 4022057 | ⊗ Shield, Splash | 1 |
| 41 | 4021927 | ⊗ Bracket, Control, Temp | 1 |
| 42 | 4021773 | ⊗ Controller, Temp, 1 Prb/4 Rly | 1 |
| | 4040031 | Kit, Control, Temp, 1 PRB, 4 Relay | 1 |
| 43 | 4021933 | ⊗ Label, Wiring Diag | 1 |
| 44 | 3551822 | Screw, Quick-Open, SS, 12 x 3/4 | 1 |
| 45 | 3551777 | Retainer, Quick-Open, No.12 | 1 |
| 46 | 4014666 | Plug, Int, Plstc, 1.25 | 1 |
| 47 | 8560272 | Plug, Int, Plstc, 1.12 | 1 |
| 48 | 3551755 | Plug, Int, Plstc, 0.88 | 2 |
| 49 | 4079106 | Grommet, .65 ID x .88 Mtg x 1.18 OD | 2 |
| 50 | 4014587 | ⊗ n/s Coupling, Anti-Backflow | 2 |
| 51 | 4018856 | Jar, Plastic, 1 Quart | 2 |
| 52 | ----- | Literature 1E-178 (Installation instructions) | a/r |
| 53 | 4022931 | ⊗ Manual Agitate Assy, D-M 3D (Includes 1 of item 6 & 54 thru 59) | a/r |
| 54 | 4022926 | ⊗ Bracket, Manual Agitate | 1 |
| 55 | 4022925 | ⊗ Timer, 1-30 Min | 1 |
| 56 | 8506293 | Socket, Relay,Hc | 1 |
| 57 | 8506292 | Relay,4PDT,240V,5A | 1 |
| 58 | 4022923 | ⊗ Label,Manual Agitate | 1 |
| 59 | 8516827 | Switch,PB,SPST,Mom | 1 |
| 60 | 4024229 | ⊗ Kit, Waterproof Sensor, Honeywell | 1 |

Time Temperature Recorder (TTR)



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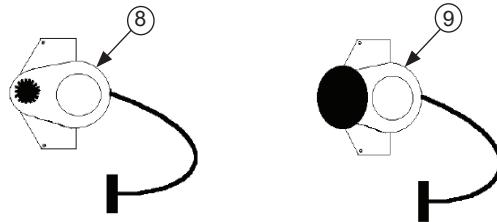


| ITEM | PART NO. | OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|---------------------------|---|---------------------------|
| --- | 4029086 | ⊗ | Time Temperature Recorder (TTR) | - |
| 1 | 4040078 | ⊗ | SHAFT,AGITATOR,PROX.SW.OPTION | 1 |
| 2 | 4017304 | | SWITCH,LIMIT,SPDT,SAFETY | 1 |
| 3 | 4029151 | | BASE,OVERRIDE,RELAY | 8 |
| 4 | 4029150 | | RELAY,SPST,230V,16A,MAN OVRIDE | 8 |
| 5 | 3558274 | | BRACKET-END,CONN,DIN RAIL MTG | 9 |
| 6 | 3558253 | | CONNECTOR,PWR,DIN RAIL MTG | 19 |
| 7 | 4029119 | ⊗ | POWER SUPPLY,24VDC,2.5A | 1 |
| 8 | 4029118 | ⊗ | BREAKER,CIRCUIT,2 POLE,3A | 1 |
| 9 | 4023261 | n/s | SENSOR, TEMP,GLACIER GUARD | 1 |
| 10 | 8516995 | | SENSOR,TEMPERATURE,GUARDIAN II | 1 |
| 11 | 4029121 | | HMI,BM,7" QVGA,100MHZ,24VDC | 1 |
| 12 | 4041080 | n/s | CF CARD,PROG TIME TEMP REC | 1 |
| 15 | 4029125 | ⊗ | I/O ASSEMBLY,X20 (Includes items 16 thru 21) | 1 |
| 16 | 4029126 | ⊗ | BUS MODULE,SUPPLY,X20 | 1 |
| 17 | 4029127 | | BUS MODULE,I/O UNIT,X20 | 2 |
| 18 | 4029128 | | BUS RECEIVER,X2X LINK,X20 | 1 |
| 19 | 4029129 | ⊗ | RTD MODULE,4-CHANNEL TEMP,X20 | 1 |
| 20 | 4029130 | | DIGITAL MIX MODULE,X20 | 1 |
| 21 | 4029131 | | TERM BLOCK,12 PIN,X20 | 3 |
| 22 | 4029148 | | LIGHT TOWER ASSY,RED LED,24VDC | 1 |
| 23 | 4029149 | ⊗ | LIGHT TOWER ASSY,W/BUZZ,RED LED | 1 |
| | 3559491 | ⊗ | BATTERY, 3V, LITHIUM (CR2477) | 1 |

Note:
 1. 115/230 VAC Wiring must be 14 AWG MTW 90 DEG. C Rated
 +24 VDC Wiring must be 18 AWG MTW 90 DEG. C Rated
 2. Items 1, 2, 22 and 23 not included with TTR Assembly P/N 4029086

Temperature Chart Recorder

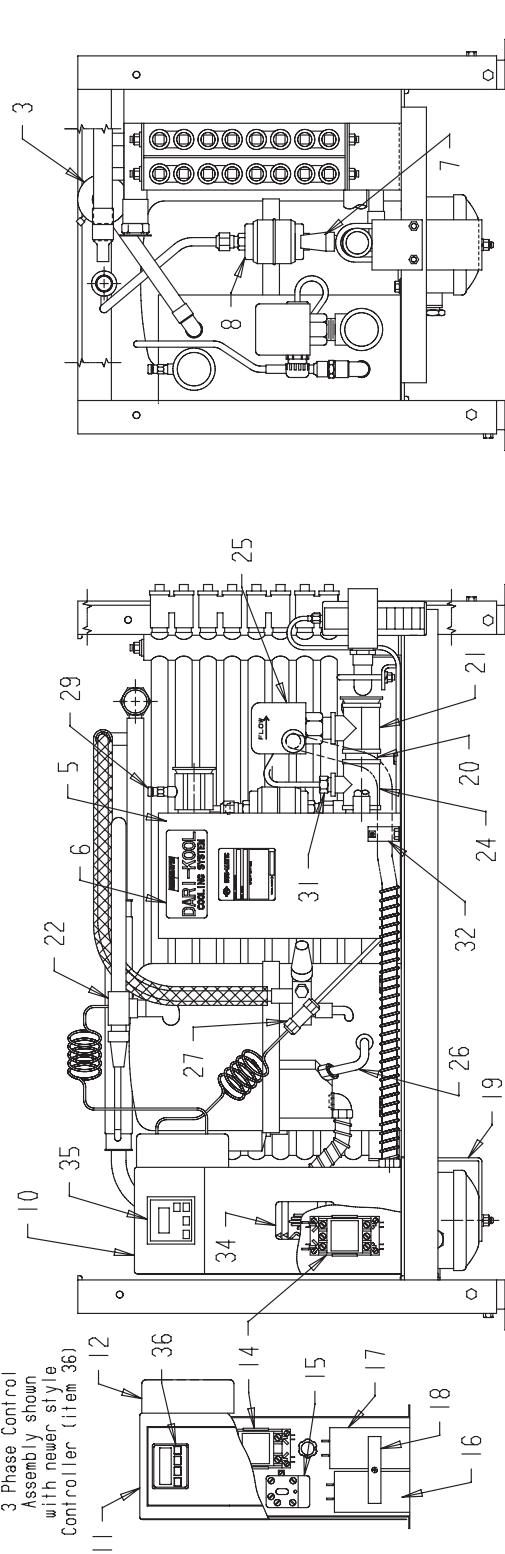
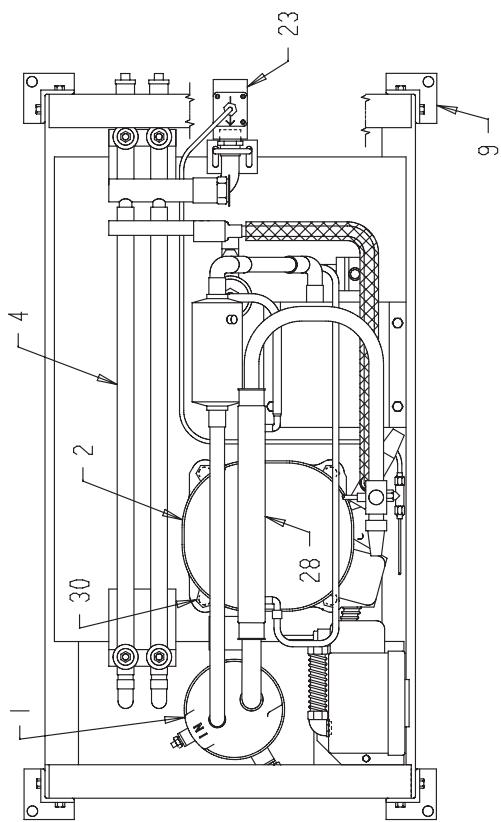
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| SECTION E | PAGE 31 |
| EFFECTIVE: 1/31/07 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------------|-----------------------------|--|-----------------------------------|
| | 4024300 | | Thermometer, Recorder, W/AI Relay | 4300 |
| 1 | 4024631 | ⊗ | n/s 100 Charts, 2 Day, °F | a/r |
| 2 | 4024301 ¹ | | n/s 100 Charts, 7 Day, °F | a/r |
| 3 | 4024302 | | n/s 100 Charts, 7 Day, °C | a/r |
| 4 | 4024303 | ⊗ | n/s 100 Charts, 3 Day, °F | a/r |
| 5 | 4024305 | | n/s Cartridge, Pen, Pack of 5 | a/r |
| 6 | 4024306 | ⊗ | n/s Sensor, RTD Probe, 25 Ft | a/r |
| 7 | 4024307 ¹ | | Sensor, RTD Probe, 50 Ft (<i>attached to unit</i>) | a/r |
| 8 | 4025300 | | Motor, Pen, Guardian Temp Recorder | a/r |
| 9 | 4025301 | | Motor, Chart, Guardian Temp Recorder | a/r |

NOTE: Items shipped with Temperature Chart Recorder (4024300).

Insta-Kool Compressor Assemblies



Insta-Kool Compressor Assemblies

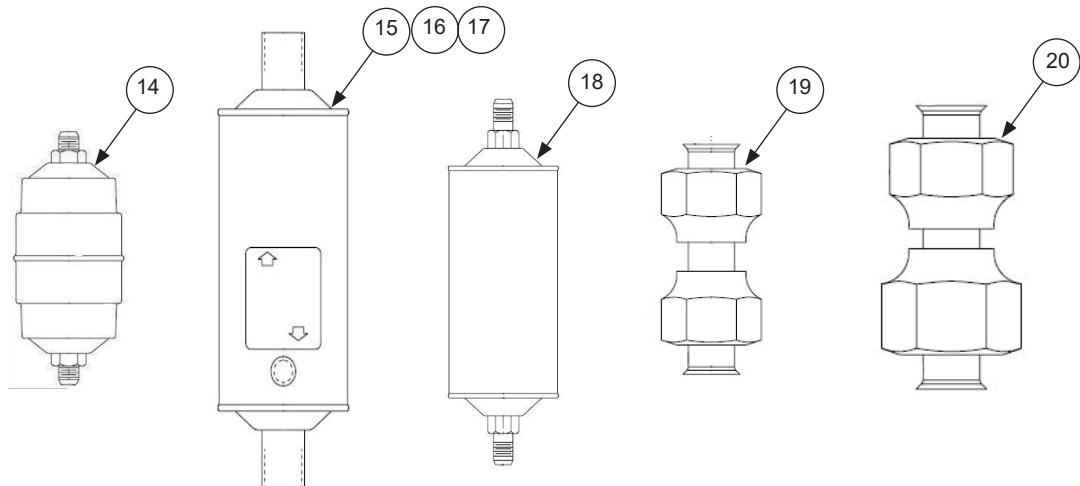
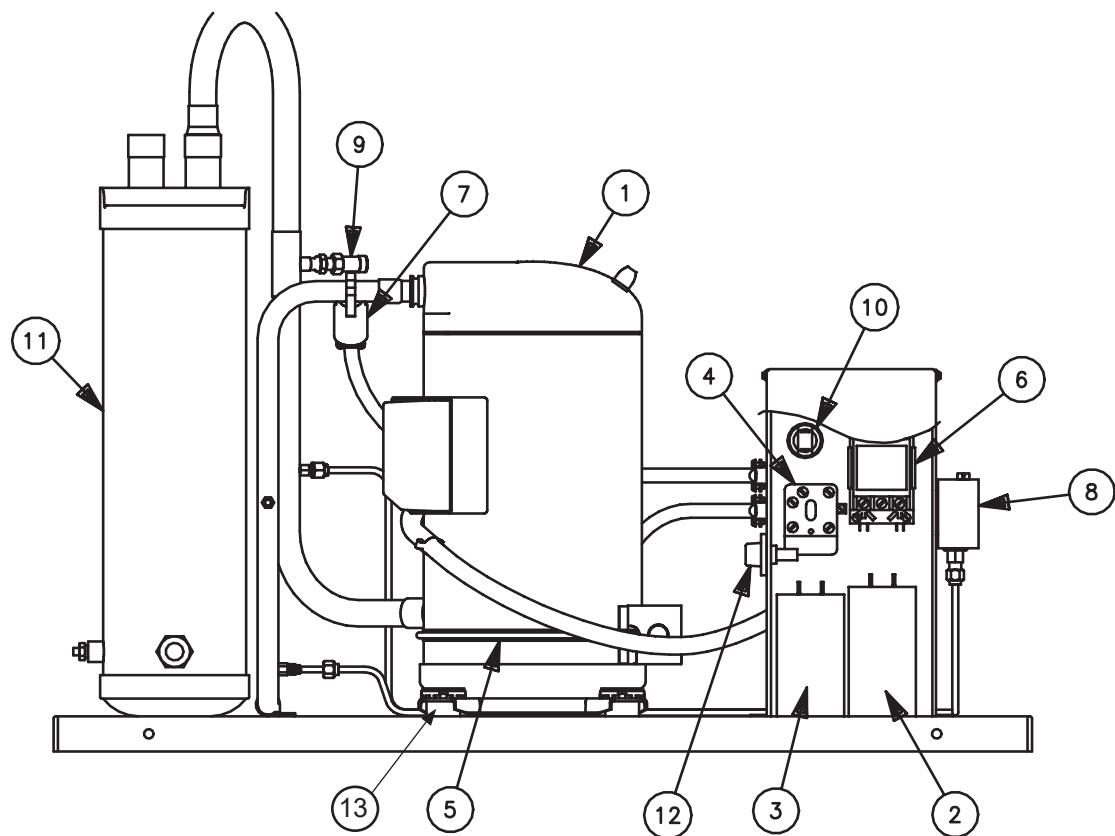
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| SECTION E | PAGE 33 |
| EFFECTIVE: 3/19/19 | |

| Item | Part No. | ⊗ n/s=NOT SHOWN | Description | QTY REQUIRED (a/r=As Required) | | | |
|-------------------------|----------------------|----------------------|---|-----------------------------------|-----|-----|-----|
| | 4021226 | ⊗ | Cprsr Assy, Inst-Kool, 1Ph, Wtr | 1226 | | | |
| | 4020822 | ⊗ | Compressor Assy, 5Hp, 3Ph, Water | 0822 | | | |
| | 4021227 | ⊗ | Cprsr Assy, Inst-Kool, 1Ph, Air | 1227 | | | |
| | 4021228 | ⊗ | Cprsr Assy, Inst-Kool, 3Ph, Air | 1228 | | | |
| 1 | 4020308 | ⊗ | Accumulator Assy, 5Hp | 1 | 1 | 1 | 1 |
| 2 | 4015880 | | Cprsr, Tecumseh, 5Hp, 3Ph | - | 1 | - | 1 |
| | 4015671 | | Cprsr, Tecumseh, 5Hp, 1Ph | 1 | - | 1 | - |
| 3 | 4014797 | | Filter, Suction Line | 1 | 1 | 1 | 1 |
| 4 | 4021941 | ⊗ | Condenser, 8.0 Ton, Water Cooled | 1 | 1 | - | - |
| 5 | 4020824 | ⊗ | Evaporator, Assy, 5 Ton | 1 | 1 | 1 | 1 |
| 6 | 4013600 | | Label, Dari-Kool, 3-1/4 x 7 | 1 | 1 | 1 | 1 |
| 7 | 4019335 | ⊗ | Valve, Svce, OFS, .875, 2 Port | 1 | 1 | - | - |
| 8 | 4014699 | | Filter, Drier, Liquid-Line | 1 | 1 | 1 | 1 |
| 9 | 4020881 | | Foot Assy, Insta-Kool | 4 | 4 | 4 | 4 |
| 10 | 4020926 | ⊗ | Control Assy, Insta-Kool, 3Ph (Includes items 12 thru 14 & either item 35 or 36) | - | 1 | - | 1 |
| 11 | 4021249 | ⊗ | Control Assy, Insta-Kool, 1Ph (Includes items 12 thru 18 & either item 35 or 36) | 1 | - | 1 | - |
| 12 | 4021891 | ⊗ | Control, Pressure | 1 | 1 | 1 | 1 |
| 13 | 4020669 ¹ | n/s | Sensor, Elec Temp Cont | 1 | 1 | 1 | 1 |
| | 4021841 ² | n/s | Sensor, Elec Temp Cont | 1 | 1 | 1 | 1 |
| | 4040032 | | Probe, Temp, NTC, 15', for Dixell Control | - | - | 1 | 1 |
| 14 ⁶ | 4012938 | | Contactor, DPST, 240V, 40Amp | 1 | - | 1 | - |
| | 4015902 | | Contactor, 3PST, 240V, 30Amp | - | 1 | - | 1 |
| 15 | 4014387 | | Relay, Start | 1 | - | 1 | - |
| 16 | 4017343 | ⊗ | Capacitor, Run, 55Mfd | 1 | - | 1 | - |
| 17 | 4014388 | | Capacitor, Start, 135-155Mfd | 1 | - | 1 | - |
| 18 | 4019237 | ⊗ | Clamp, Capacitor | 1 | - | 1 | - |
| 19 | 4020885 | ⊗ | Bracket, Accumulator | 1 | 1 | 1 | 1 |
| 20 | 1401706 | | Nipple, Close, Galv, 1-1/2 | 1 | 1 | 1 | 1 |
| 21 | 1407758 | ⊗ | Tee, Rdcr, Galv, 1-1/2 x 1-1/2 x 1 | 1 | 1 | 1 | 1 |
| 22 | 4015962 | ⊗ | Valve, Svce, OFS, .875, 2 Port | 1 | 1 | 1 | 1 |
| 23 | 4020883 | | Valve, Water Regulating, 3/4 | 1 | 1 | - | - |
| 24 | 1407759 | ⊗ | Tee, Rdcr, Galv, 1-1/2 x 1-1/2 x 1/2 | 1 | 1 | 1 | 1 |
| 25 | 4020828 | | Switch, Flow | 1 | 1 | 1 | 1 |
| 26 | 4015891 | ⊗ | Kit, Heater Conduit | 1 | 1 | 1 | 1 |
| 27 | 4020967 | ⊗ | Tee, Brs, 1/4Flr | 1 | 1 | - | - |
| 28 | 4020969 | ⊗ | Heat Exchanger, Line, Insta-Kool | 1 | 1 | 1 | 1 |
| 29 | 4020890 | ⊗ | Valve, Test Port, 1/4NPT | 1 | 1 | 1 | 1 |
| 30 | 4014244 | ⊗ | Mount Assy, Cprsr, Pk of 4 | 1 | 1 | 1 | 1 |
| 31 | 4020968 | ⊗ | Thermowell Assy, Insta-Kool | - | - | 1 | - |
| | 4021912 | | Thermowell, Insta-Kool, 3.25, for Honeywell | 1 | 1 | - | 1 |
| | 4040026 | ⊗ | Coupling, Temp Probe, for Dixell Control | - | - | 1 | 1 |
| 32 | 4021529 | ⊗ | Hanger, Conduit, .50" w/Bolt | 1 | 1 | 1 | 1 |
| 33 | 4021251 | n/s | Label, Nitrogen Charged | - | - | 1 | 1 |
| 34 | 4016123 | | Label, Caution, Disconnect-Power | 1 | 1 | 1 | 1 |
| Older Style Controllers | 35 | 4040027 ⁴ | Control Assy, Temp, 1Prb, 1 Relay | 1 | 1 | 1 | 1 |
| Older Style Controllers | | 4040023 ⁵ | n/s Controller, Temp, 1 PRB, 1 Relay | - | - | 1 | 1 |
| Older Style Controllers | | 4020633 ³ | Controller, Temp, Elec, 220V,Deg C | 1 | 1 | 1 | 1 |
| Older Style Controllers | | 4020634 ³ | Controller, Temp, Elec, 115V,Deg F | 1 | 1 | 1 | 1 |
| Newer Style Controllers | 36 | 4021775 ⁴ | Controller, Temp, 1 PRB/1 RLY | 1 | 1 | 1 | 1 |
| Newer Style Controllers | | 4021774 ³ | Controller, Temp, 2 PRB/4 RLY | 1 | 1 | 1 | 1 |
| Newer Style Controllers | | 4021773 ³ | Controller, Temp, 1 PRB/4 RLY | 1 | 1 | 1 | 1 |
| | 37 | - - - - - | Literature 1P-168 (Installation & Operation Instructions) | ref | ref | ref | ref |

Note

1. Use ONLY with older style controllers (Eliwell) item 35.
2. Use as replacement for shorter temperature sensor supplied with newer style controllers (Honeywell) item 36.
3. Optional controllers not supplied with Insta-Kool assemblies.
4. Honeywell Replacement
5. Dixell Replacement Part
6. Mounting holes may not align. Some drilling may be required.

Copeland Modular Compressor Units



Copeland Modular Compressor Units

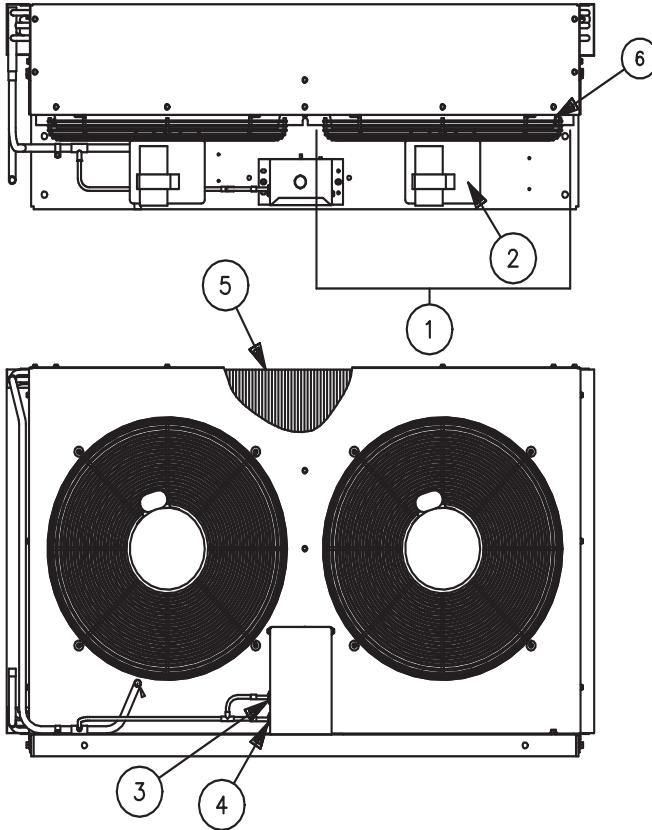
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| SECTION E | PAGE 35 |
| EFFECTIVE: 2/3/2020 | |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | |
|------|--|--|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| | | ⊗ =OBSOLETE n/s=NOT SHOWN | | | | | | | | |
| | 4023881 | ⊗ Cprsr, Mod, Cop, 3Hp, 230-1-60 | 881 | | | | | | | |
| | 4023882 | ⊗ Cprsr, Mod, Cop, 4Hp, 230-1-60 | | 882 | | | | | | |
| | 4023883 | ⊗ Cprsr, Mod, Cop, 4Hp, 230-3-60 | | | 883 | | | | | |
| | 4023884 | ⊗ Cprsr, Mod, Cop, 4Hp, 240-1-50 | | | | 884 | | | | |
| | 4023885 | ⊗ Cprsr, Mod, Cop, 5Hp, 230-1-60 | | | | | 885 | | | |
| | 4023886 | ⊗ Cprsr, Mod, Cop, 5Hp, 230-3-60 | | | | | | 886 | | |
| | 4023887 | ⊗ Cprsr, Mod, Cop, 5Hp, 460-3-60 | | | | | | | 887 | |
| | 4023888 | ⊗ Cprsr, Mod, Cop, 7.5Hp, 230-3-60 | | | | | | | | 888 |
| | 4025954 | ⊗ Cprsr, Mod, Cop, 7.5Hp, 230-3-50/60 | | | | | | | | 954 |
| | 4023889 | ⊗ Cprsr, Mod, Cop, 7.5Hp, 460-3-60 | | | | | | | | 889 |
| | 4025955 | ⊗ Cprsr, Mod, Cop, 7.5Hp, 460-3-50/60 | | | | | | | | 955 |
| | 4023890 | ⊗ Cprsr, Mod, Cop, 10Hp, 460-3-60 | | | | | | | | 890 |
| | 4023891 | ⊗ Cprsr, Mod, Cop, 10Hp, 230-3-60 | | | | | | | | 891 |
| | 4024231 | Cprsr, Cop, 3Hp, 230-1-60, Scroll | 1 | - | - | - | - | - | - | - |
| | 4024232 | Cprsr, Cop, 4Hp, 230-1-60, Scroll | - | 1 | - | - | - | - | - | - |
| | 4024233 | Cprsr, Cop, 4Hp, 230-3-60, Scroll | - | - | 1 | - | - | - | - | - |
| | 4024234 | ⊗ Cprsr, Cop, 4Hp, 240-1-50, Scroll | - | - | - | 1 | - | - | - | - |
| | 4024235 | Cprsr, Cop, 5Hp, 230-1-60, Scroll | - | - | - | - | 1 | - | - | - |
| 1 | 4024236 | Cprsr, Cop, 5Hp, 230-3-60, Scroll | - | - | - | - | - | 1 | - | - |
| | 4024237 | Cprsr, Cop, 5Hp, 460-3-60, Scroll | - | - | - | - | - | 1 | - | - |
| | 4024238 | ⊗ Cprsr, Cop, 7.5Hp, 230-3-60, Scroll | - | - | - | - | - | - | 1 | - |
| | 4024239 | ⊗ Cprsr, Cop, 7.5Hp, 460-3-60, Scroll | - | - | - | - | - | - | 1 | - |
| | 4024240 | ⊗ Cprsr, Cop, 10Hp, 460-3-60, Scroll | - | - | - | - | - | - | - | 1 |
| | 4024241 | ⊗ Cprsr, Cop, 10Hp, 230-3-60, Scroll | - | - | - | - | - | - | - | 1 |
| 2 | 4082287 | Capacitor, Start, 270-324Mfd | 1 | 1 | - | 1 | 1 | - | - | - |
| | 4024323 | Capacitor, Run, 60Mfd | 1 | - | - | - | - | - | - | - |
| 3 | 4024463 | Capacitor, Run, 80Mfd | - | 1 | - | - | - | - | - | - |
| | 4024324 | Capacitor, Run, 50Mfd | - | - | - | 1 | 1 | - | - | - |
| 4 | 4024325 | Relay, Cprsr, Start | 1 | 1 | - | - | - | - | - | - |
| | 4024326 | Relay, Cprsr, Start | - | - | - | 1 | 1 | - | - | - |
| | 4023443 | Heater, Crankcase, 240V | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| 5 | 4024328 | ⊗ Heater, Crankcase, 460V | - | - | - | - | - | 1 | - | - |
| | 4024330 | ⊗ Heater, Crankcase, 240V | - | - | - | - | - | - | 1 | - |
| | 4024331 | ⊗ Heater, Crankcase, 480V | - | - | - | - | - | - | 1 | 1 |
| 6 | 4012938 | Contactor, DPST, 240V, 40A | 1 | 1 | - | 1 | 1 | - | - | - |
| | 4015902 | Contactor, 3PST, 240V, 30A | - | - | 1 | - | - | 1 | 1 | - |
| | 4012385 | ⊗ Contactor, 3PST, 240V, 40A | - | - | - | - | - | - | 1 | 1 |
| 7 | 4023444 | Thermostat, Discharge Line | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 4024511 | Control, Low Pressure, Cpsr | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 4080078 | ⊗ Valve, Pressure Relief, 1/4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 4024044 | ⊗ Control, High Pressure, Cpsr | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 | 4020308 | ⊗ Accumulator Assy 5 HP | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| | 4025051 | ⊗ Accumulator Assy 7.5 HP | - | - | - | - | - | 1 | 1 | 1 |
| 12 | 4025302 | Fuse, 0.3A, Fast, 1.5 x .4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 4040009 ¹ | Mount Assy, Cprsr, Cop 3-5Hp, 4Pk | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| 13 | 4040010 ¹ | Mount Assy, Cprsr, Cop 7.5Hp, 4Pk | - | - | - | - | - | 1 | 1 | - |
| | Orifice and Filter Kits (Sold Separately) | | | | | | | | | |
| | 4024224 | ⊗ Kit, Filter/Orifice, 3-4HP, Scroll | 1 | 1 | 1 | 1 | - | - | - | - |
| | 4024225 | Kit, Filter/Orifice, 5HP, Scroll | - | - | - | - | 1 | 1 | 1 | - |
| | 4024226 | Kit, Filter/Orifice, 7.5HP, Scroll | - | - | - | - | - | - | 1 | 1 |
| | 4024227 | ⊗ Kit, Filter/Orifice, 10HP, Scroll | - | - | - | - | - | - | - | 1 |
| 14 | 4014699 | Filter, Drier, Liquid, 1/2 Flare | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| 15 | 4014797 | Filter, Suction Line, 7/8 ID | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| 16 | 4016133 | Filter, Suction Line, 1-1/8 ID | - | - | - | - | - | - | 1 | 1 |
| 17 | 4019403 | ⊗ Filter, Suction Line, 1-3/8 ID | - | - | - | - | - | - | - | 1 |
| 18 | 4019339 | Filter, Drier, Suction, 5/8 Flare | - | - | - | - | - | - | 1 | 1 |
| 19 | 4018158 | Coupling Assy | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| 20 | 4024221 | Coupling Assy, 5/8 x 1/2 Tube | - | - | - | - | - | - | 1 | 1 |
| 21 | 4022450 | ⊗ Orifice, E, 0.64 Dia. (.52) (50 Hz only) (not sold in 4024224 kit) | 1 | - | - | - | - | - | - | - |
| 22 | 4018465 | Orifice, F, (.070 Diameter (50) | - | - | - | 1 | - | - | - | - |
| 23 | 4022451 | ⊗ Orifice, G, .073 Dia. (.49) (Qty 2 = Split) | - | 1 | 1 | - | - | - | 2 | 2 |
| 24 | 4018466 | Orifice, H, (.078 Dia. (.47) (Qty 2 = Split) | - | - | - | 1 | 1 | 1 | - | 2 |
| 25 | 4018467 | Orifice, L, (.093 Diameter (.42) | - | - | - | - | - | - | 1 | 1 |
| 26 | 4024219 | Orifice, (O), .125 Diameter (1/8) | - | - | - | - | - | - | - | 1 |
| 27 | 4013885 | Nut, Brass, Flare, 1/2 x 3/8 Tube | 1 | 1 | 1 | 1 | 1 | 1 | - | - |

Note:

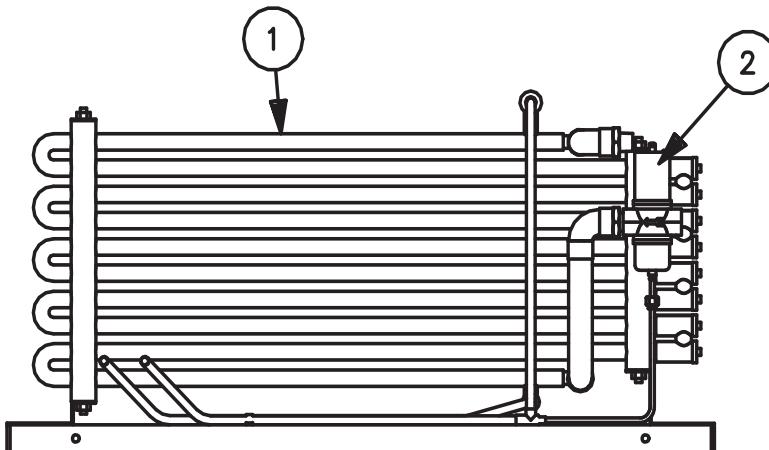
1. Compressor Mount Assemblies (4040009 & 4040010) are sold separately.

Copeland Modular Condenser, Air Cooled



| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. | |
|------|----------|-----------------------------|--|-----------|---------|
| | | | | B/F | AS REQ. |
| | 4023893 | ⊗ | Cond. Mod, 5.0T, Air, 230-1-60 | 893 | |
| | 4023894 | ⊗ | Cond. Mod, 7.5T, Air, 230-1-60 | 894 | |
| 1 | 4024315 | ⊗ | Motor Assy, Cond, 5T, 230-1-60 | 1 | - |
| | 4024316 | ⊗ | Motor Assy, Cond, 7.5T, 230-1-60 (Includes Blade, Guard & item 2) | - | 1 |
| 2 | 4024317 | | Motor, Cond, 5Hp, 230V-60Hz | 1 | - |
| | 4024318 | | Motor, Cond, 7.5Hp, 230V-60Hz | - | 1 |
| 3 | 4023523 | | Switch, Fan No. 1, 215C1/165C0 | 1 | 1 |
| 4 | 4023522 | | Switch, Fan No. 2, 255C1/185C0 | 1 | 1 |
| 5 | 4024319 | ⊗ | Coil, Condenser, 41" x 25-1/4" | 1 | - |
| | 4024320 | ⊗ | Coil, Condenser, 40-5/8" x 35-1/4" (Does not include shrouding) | - | 1 |
| 6 | 4025052 | | Blade, Fan 3-5 HP Scroll | 1 | - |
| | 4025053 | | Blade, Fan 7.5-10 HP Scroll | - | 1 |
| 7 | 4041994 | n/s | Contact, 575VAC, 110VAC, Cond | 1 | 1 |

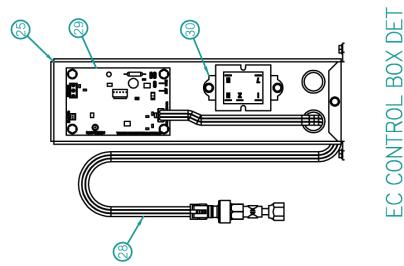
Copeland Modular Condenser, Water Cooled



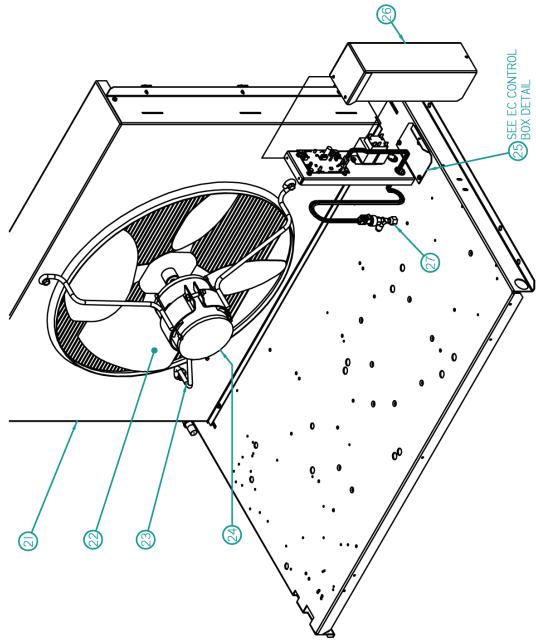
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|----------------------------------|--------------|
| | 4023895 | ⊗ | Cond. Mod, 8.0T, Wtr | 895 |
| | 4023896 | ⊗ | Cond. Mod, 12.0T, Wtr | 896 |
| 1 | 4024321 | ⊗ | Condenser, 8.0 Ton, Water Cooled | 1 - |
| | 4024322 | ⊗ | Condenser, 12 Ton, Water Cooled | - 1 |
| 2 | 4020883 | | Valve, Water Regulating, 3/4 In | 1 - |
| | 4019346 | ⊗ | Valve, Water Regulating, 1 In. | - 1 |

Condensing Units from BouMatic

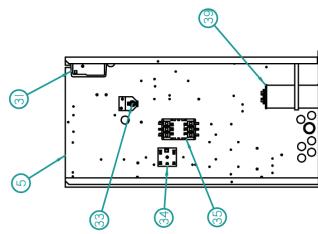
| | |
|-----------------------|-------------------|
| SECTION E | PAGE 37 |
| EFFECTIVE: 5/22/12 | |



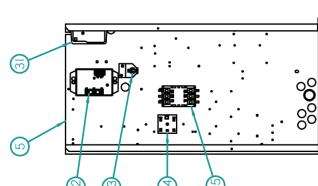
EC CONTROL BOX DET



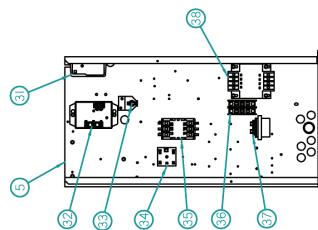
[230V] VSEC MOTOR OPTION
WITH ORBUS CONTROLLER



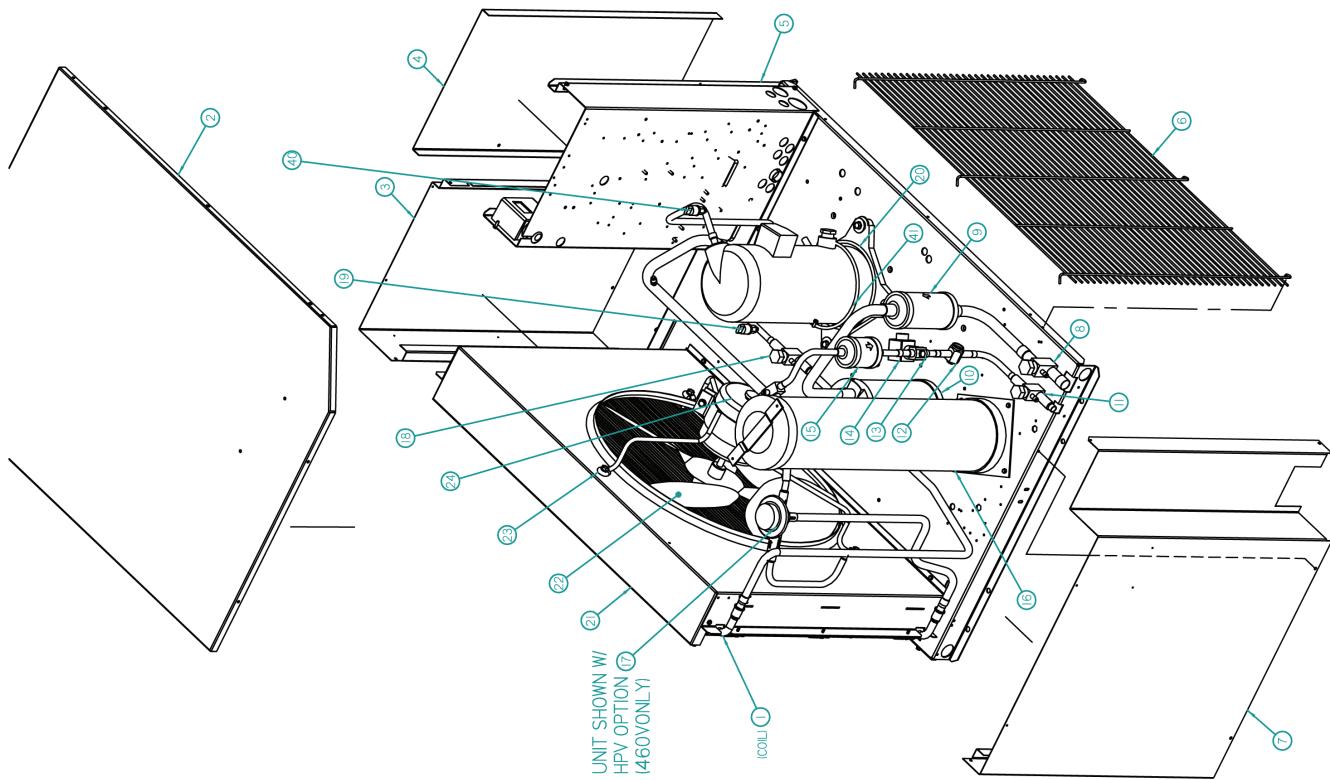
E. BOX 208/230V IPH



E. BOX 208/230V 3PH



E. BOX 460V



UNIT SHOWN W/
HPV OPTION
(460V ONLY)

Condensing Units from BouMatic

| Item | Part No. | Description | Quantity Required (A/R = As Required) |
|------|------------------|--------------------------------------|---------------------------------------|
| ... | 4040165 | COND UNIT,3HP,208/230,3PH,507 | 0165 |
| ... | 4040164 | COND UNIT,3HP,460/380,3PH,507 | 0164 |
| ... | 4040166 | COND UNIT,3HP,208/230,1PH,507 | 0166 |
| ... | 4040151 | COND UNIT,4HP,208/230,3PH,507 | 0151 |
| ... | 4040150 | COND UNIT,4HP,460/380,3PH,507 | 0150 |
| ... | 4040152 | COND UNIT,4HP,208/230,1PH,507 | 0152 |
| ... | 4040154 | COND UNIT,5HP,208/230,3PH,507 | 0154 |
| ... | 4040153 | COND UNIT,5HP,460/380,3PH,507 | 0153 |
| ... | 4040155 | COND UNIT,5HP,208/230,1PH,507 | 0155 |
| ... | 4040157 ⊗ | COND UNIT,6HP,208/230,3PH,507 | 0157 |
| ... | 4040156 ⊗ | COND UNIT,6HP,460/380,3PH,507 | 0156 |
| 1 | 4040286 | COND,MOZ,4-6HP,RPLC | 1 |
| 2 | 4040292 | ⊗ PANEL, TOP COVER,MOZ,RPLC | 1 |
| 3 | 4040330 | PANEL,RIGHT,MOZ,RPLC | 1 |
| 4 | 4040290 | ⊗ PANEL,ELE,MOZ,RPLC | 1 |
| 5 | 4040331 | BOX,ELE,MOZ,RPLC | 1 |
| 6 | 4040293 | ⊗ GUARD,FINGER,MOZ,RPLC | 1 |
| 7 | 4040332 | PANEL,LEFT,MOZ,RPLC | 1 |
| 8 | 4040288 | VALVE,RFG,SUCT,7/8",RPLC | 1 |
| 9 | 4040281 | FILTER,SUCTION 7/8",RPLC | 1 |
| 10 | 4040282 | ⊗ ACCUMULATOR,7/8"ODF,RPLC | 1 |
| 11 | 4040289 | VALVE,RFG,LIQ,1/2",RPLC | 1 |
| 12 | 4040278 | GLASS,SIGHT,RFG,1/2",RPLC | 1 |
| 13 | 4040279 | VALVE,SOL,RFG,1/2",RPLC | 1 |
| 14 | 4040333 | ⊗ COIL,SOLENOID,RPLC | 1 |
| 15 | 4040280 | FILTER/DRIER,RFG,1/2",RPLC | 1 |
| 16 | 4040275 | RECEIVER,RFG,20LB CAP | 1 |
| 17 | 4040334 | VLV,HEAD PRESSURE RPLC | 1 |
| 18 | 4040287 | VALVE,RFG,DISCH,3/8"RPLC | 1 |
| 19 | 4040284 | SWITCH,RFG,HIGH PRESS,RPLC | 1 |
| 21 | 4040335 | PANEL,FAN,MOZ,RPLC | 1 |
| 22 | 4040336 | FAN,BLADE,MOZ,RPLC | 1 |
| 23 | 4040337 | MOUNT,MOTOR,MOZ,RPLC | 1 |

Condensing Units from BouMatic

SECTION

E

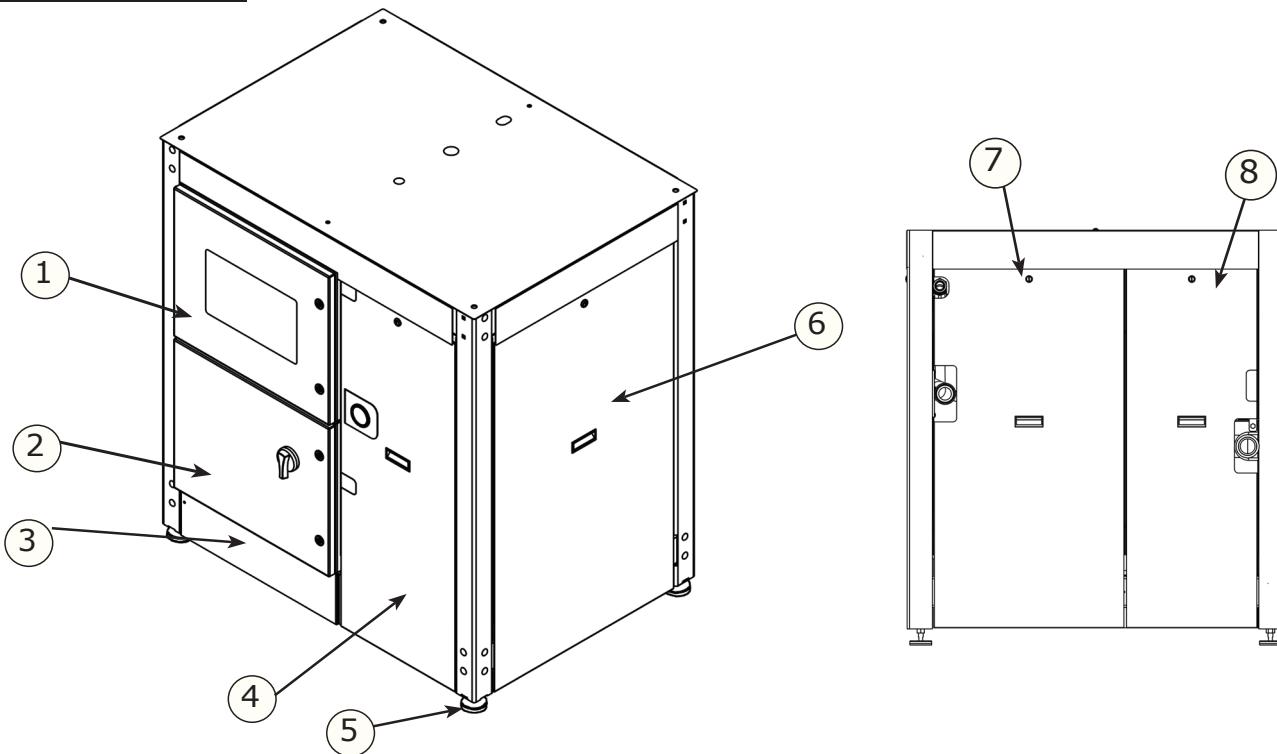
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5/22/12

| Item | Part No. | Description | Quantity Required (A/R = As Required) | | | | | |
|---------|----------|--------------------------------------|---------------------------------------|---|---|---|---|---|
| ... | 4040165 | COND UNIT,3HP,208/230,3PH,507 | 0165 | | | | | |
| ... | 4040164 | COND UNIT,3HP,460/380,3PH,507 | 0164 | | | | | |
| ... | 4040166 | COND UNIT,3HP,208/230,1PH,507 | 0166 | | | | | |
| ... | 4040151 | COND UNIT,4HP,208/230,3PH,507 | 0151 | | | | | |
| ... | 4040150 | COND UNIT,4HP,460/380,3PH,507 | 0150 | | | | | |
| ... | 4040152 | COND UNIT,4HP,208/230,1PH,507 | 0152 | | | | | |
| ... | 4040154 | COND UNIT,5HP,208/230,3PH,507 | 0154 | | | | | |
| ... | 4040153 | COND UNIT,5HP,460/380,3PH,507 | 0153 | | | | | |
| ... | 4040155 | COND UNIT,5HP,208/230,1PH,507 | 0155 | | | | | |
| ... | 4040157 | COND UNIT,6HP,208/230,3PH,507 | 0157 | | | | | |
| ... | 4040156 | COND UNIT,6HP,460/380,3PH,507 | 0156 | | | | | |
| 24 | 4040338 | MOTOR,FAN,230V,MOZ,RPLC | 1 | - | 1 | - | 1 | 1 |
| 24 | 4040339 | MOTOR,FAN,460V,MOZ,RPLC | - | 1 | - | 1 | - | 1 |
| 25 | 4040340 | PANEL,ORBUS,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 26 | 4040341 | COVER,ORBUS,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 27 | 4040342 | SNSR,PRESS,ORBUS,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 29 | 4040343 | ORBUS BOARD,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 30 | 4040344 | TRANSFORMER,ORBUS ,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 31 | 4040283 | SWITCH,RFQ,LOW PRESS,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 32 | 4040345 | PHASE MONITOR ,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 33 | 4040291 | SWITCH,PUMP DOWN,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 34 | 4040346 | RELAY,TIME DELAY,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 4040354 | | CONTACTOR,COMP,230V/1,MOZ,RPLC,3hp | - | - | - | - | - | - |
| 4040355 | | CONTACTOR,COMP,230V/1,MOZ,RPLC,4HP | - | - | - | 1 | - | - |
| 4040356 | | CONTACTOR,COMP,230V/1,MOZ,RPLC,5HP | - | - | - | - | 1 | - |
| 4040357 | | CONTACTOR,COMP,230V/3,MOZ,RPLC,3-5HP | 1 | - | - | 1 | - | 1 |
| 4040358 | | CONTACTOR,COMP,460V/3,MOZ,RPLC,3-6HP | - | 1 | - | 1 | - | 1 |
| 36 | 4040347 | FUSE BLOCK,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 37 | 4040348 | CAPACITOR,FAN „,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 38 | 4040349 | TRANSFORMER,CONTROL ,MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 39 | 4040350 | CAPACITOR,RUN,,MOZ,RPLC,3HP | 1 | 1 | 1 | 1 | 1 | 1 |
| 40 | 4040285 | SENSOR,TEMP,HI DISCH,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |
| 41 | 4040353 | HEATER,CRANKCASE MOZ,RPLC | 1 | 1 | 1 | 1 | 1 | 1 |

GlacierChill Design Sequence* A Air-Cooled Compressor Module

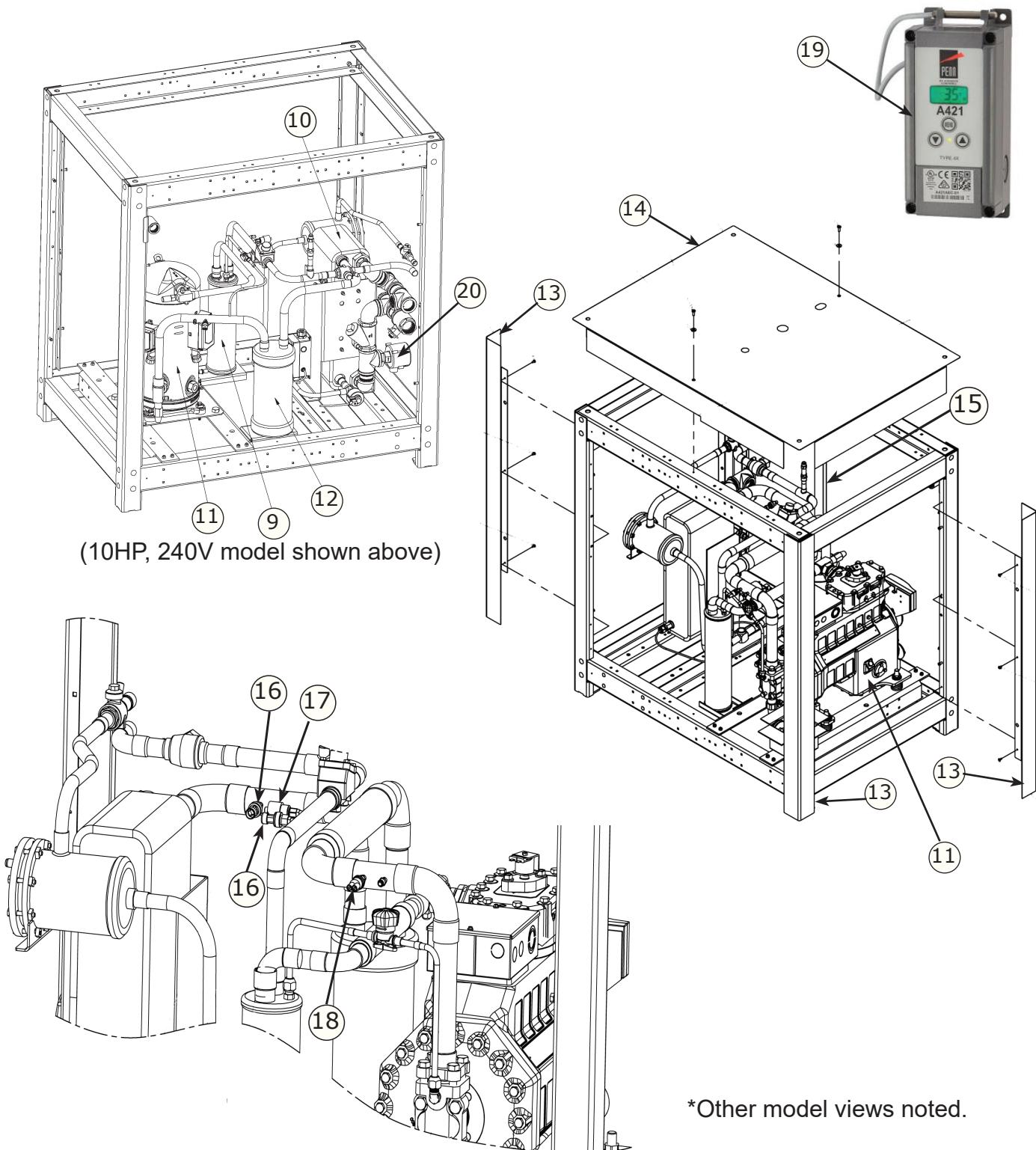


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------|--------------------------------------|-----------------------------------|------|------|------|
| | 4040871 | Chiller Assy, 15HP, RMT Air, 460 | 0871 | | | |
| | 4040972 | Chiller Assy, 10HP, RMT Air, 460 | | 0972 | | |
| | 4040983 | Chiller Assy, 15HP, RMT Air, 230 | | | 0983 | |
| | 4040982 | Chiller Assy, 10HP, RMT Air, 230 | | | | 0982 |
| 1 | 4040811 | Enclosure Assy, Cont, Comp Mod | 1 | 1 | 1 | 1 |
| | 4040812 | Enclosure Assy, Pwr, 15HP, 460 | 1 | - | - | - |
| 2 | 4040934 | Enclosure Assy, Pwr, 10HP, 460 | - | 1 | - | - |
| | 4040813 | Enclosure Assy, Pwr, 15HP, 230 | - | - | 1 | - |
| | 4040814 | Enclosure Assy, Pwr, 10HP, 230 | - | - | - | 1 |
| 3 | 4040823 | Panel, Bottom, Fill-in | 1 | 1 | 1 | 1 |
| 4 | 4040802 | Panel Assy, Front, Chlr, Mod | 1 | 1 | 1 | 1 |
| 5 | 4040771 | Foot, Leveling, 5/8 x 4 BL | 4 | 4 | 4 | 4 |
| 6 | 4040797 | Panel Assy, Side, Chiller, Mod | 2 | 2 | 2 | 2 |
| 7 | 4040805 | Panel Assy, Back, Large, Chlr, Mod | 1 | 1 | 1 | 1 |
| 8 | 4040804 | Panel Assy, Back, Small, Chlr, Mod | 1 | 1 | 1 | 1 |
| 9 | 4040821 | Separator, Oil, 15HP | 1 | - | 1 | - |
| | 4040255 | Separator, Oil, 10HP | - | 1 | - | 1 |
| 10 | 4040761 | Evaporator Assy, Chiller Module | 1 | - | 1 | - |
| | 4040885 | Evaporator Assy, Chiller, 10HP | - | 1 | - | 1 |
| | 4040749 | Compressor Assy, Chiller, 15HP, 460V | 1 | - | - | - |
| 11 | 4040878 | Compressor Assy, Chiller, 10HP, 460V | - | 1 | - | - |
| | 4041039 | Compressor Assy, Chiller, 15HP, 230V | - | - | 1 | - |
| | 4041041 | Compressor Assy, Chiller, 10HP, 230V | - | - | - | 1 |
| 12 | 4040706 | Accumulator, 15PH | 1 | - | 1 | - |
| | 4041028 | Accumulator, 10HP | - | 1 | - | 1 |
| 13 | 4040320 | Panel, Corner, Chiller | 4 | 4 | 4 | 4 |
| 14 | 4040319 | Panel, Top, Chiller, Mod | 1 | 1 | 1 | 1 |
| 15 | 4040809 | Support, Vert, Cntr, Chlr | 1 | 1 | 1 | 1 |
| 16 | 4040186 | Transducer, Pressure, 0-500 PSI | 2 | 2 | 2 | 2 |
| 17 | 4040247 | Switch, Safety, High Pressure | 1 | 1 | 1 | 1 |
| 18 | 4040248 | Switch, Safety, Low Pressure | 1 | 1 | 1 | 1 |
| 19 | 4040326 | Control, Temp, Elect, Nema 4x | 1 | 1 | 1 | 1 |
| 20 | 4040325 | Switch, Flow, 1.00, NEMA 4 | 1 | 1 | 1 | 1 |

* The 10th digit of the model number found on the unit data plate designates design sequence.

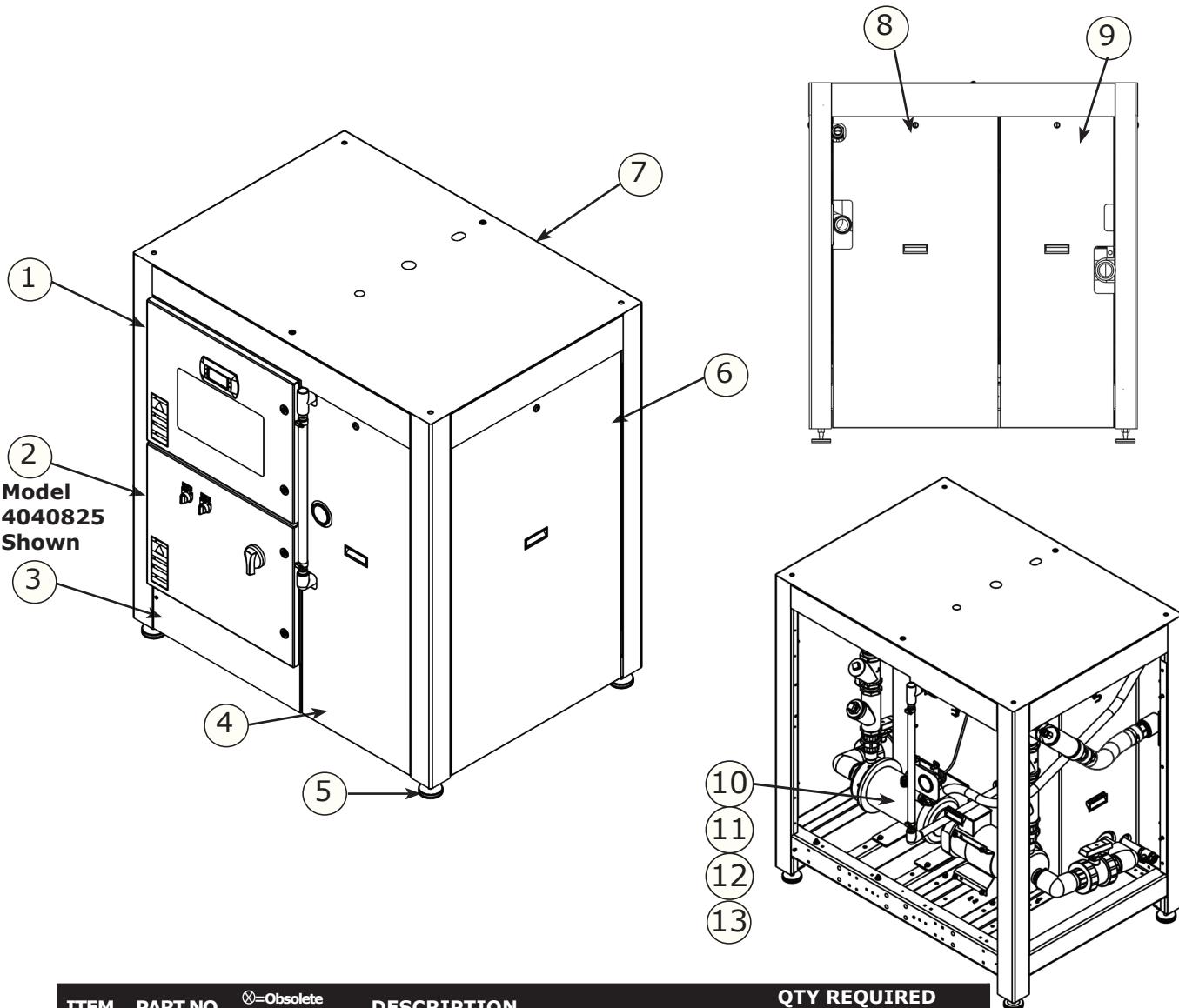
**GlacierChill Design Sequence* A
15 HP* Air Cooled Compressor Module**

SECTION E PAGE 41
EFFECTIVE: 7/12/21



* The 10th digit of the model number found on the unit data plate designates design sequence.

GlacierChill Design Sequence* A
Glycol Module



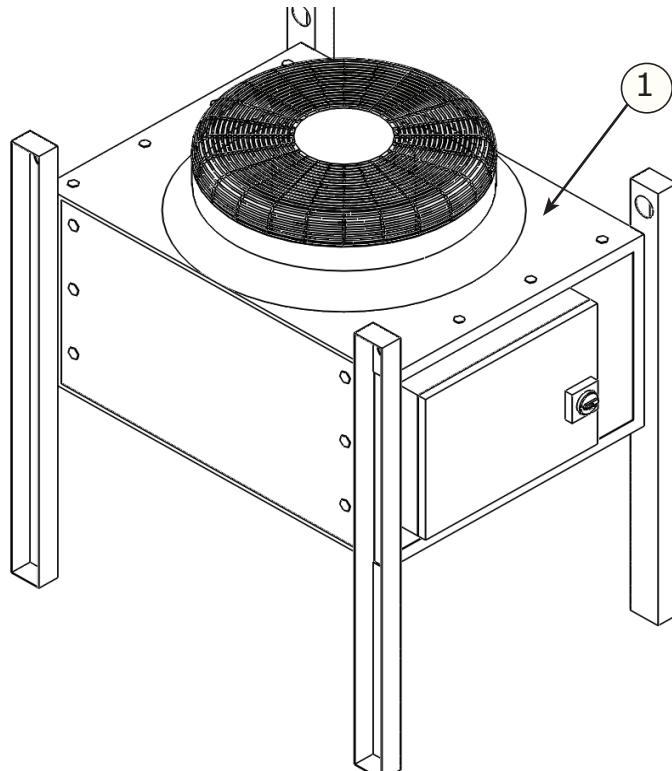
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|------------------------------------|-----------------------------------|
| | 4040825 | Tank/Pump Assy, 5HP Glycol Module | 0825 |
| | 4040981 | Tank/Pump Assy, Glycol Mod, 230V | 0981 |
| 1 | 4040835 | Enclosure Assy, Cont, Gly Mod | 1 1 |
| 2 | 4040837 | CONTROL ASSY,PWR, GLYCOL,460V | 1 - |
| 2 | 4041030 | CONTROL ASSY,PWR, GLYCOL,230V | - 1 |
| 3 | 4040823 | Panel, Bottom, Fill-in | 1 1 |
| 4 | 4040802 | Panel Assy, Front, Chlr, Mod | 1 1 |
| 5 | 4040771 | Foot, Leveling, 5/8 x 4 BL | 4 4 |
| 6 | 4040797 | Panel Assy, Side, Chiller, Mod | 2 2 |
| 7 | 4040319 | Panel, Top, Chiller, Mod | 1 1 |
| 8 | 4040805 | Panel Assy, Back, Large, Chlr, Mod | 1 1 |
| 9 | 4040804 | Panel Assy, Back, Small, Chlr, Mod | 1 1 |
| 10 | 4040807 | Pump, 5HP, 232, Scot, 5.8 IMP | 2 2 |
| 11 | 4041601 | Seal Kit, Gly Pump, 5HP, Chiller | 2 2 |
| 12 | 4041600 | Impeller, Gly Pump, 5HP, Chiller | 2 2 |
| 13 | 4041621 | Motor,Pump,5HP,Scot | a/r a/r |

* The 10th digit of the model number found on the unit data plate designates design sequence.

Remote GlacierChill Design Sequence* A

Air-Cooled Condensers

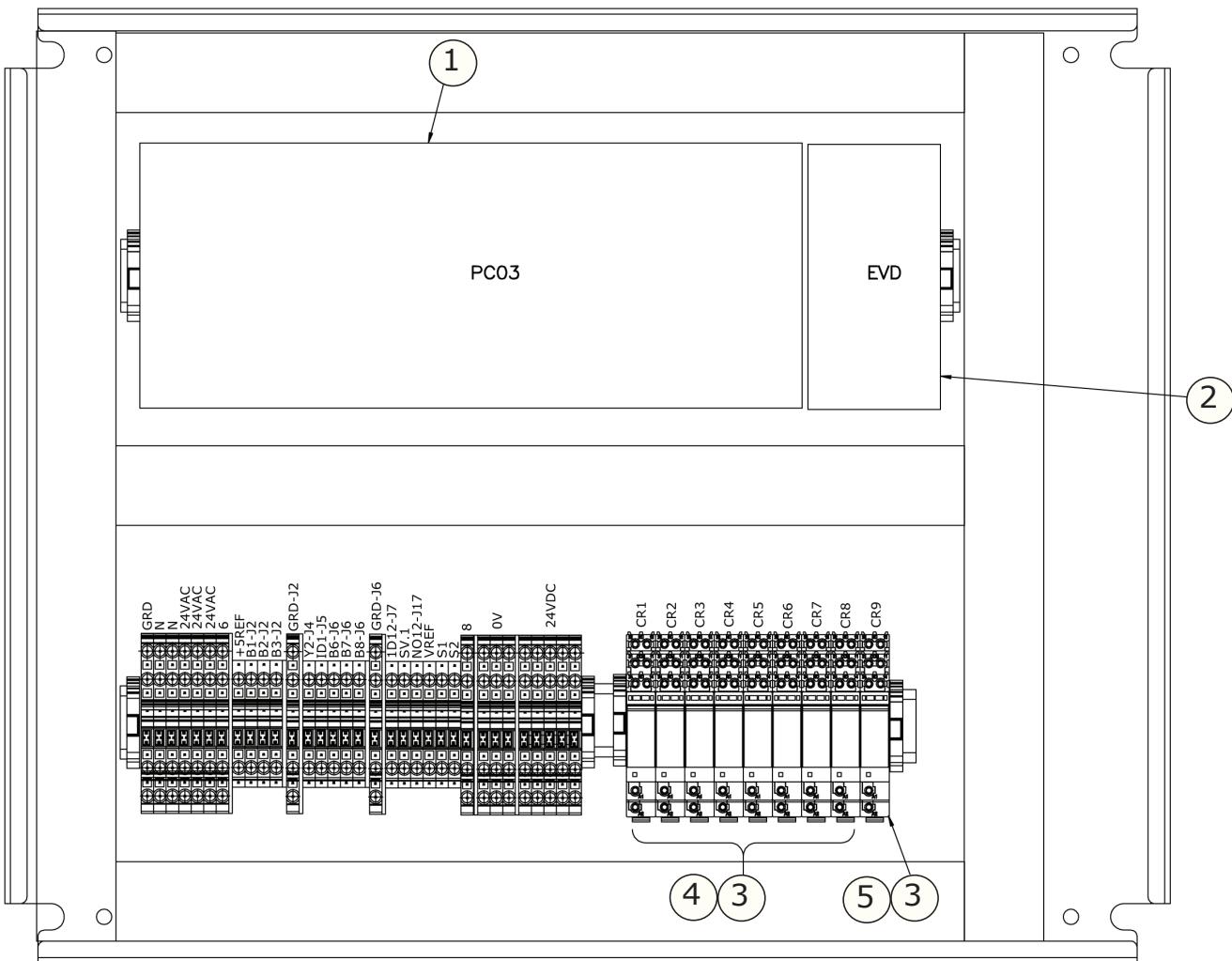
| | |
|-----------------------|-------------------|
| SECTION E | PAGE 43 |
| EFFECTIVE: 7/23/13 | |



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------------|-----------------------------|---|-----------------------------------|------|------|-------------|
| | 4040984 | | Cond, Air, Remote, 240/3/60, 10 HP | 0984 | | | |
| | 4040359 | | Cond, Air, Remote, 460/3/60, 10 HP | | 0359 | | |
| | 4040985 | | Cond, Air, Remote, 230/3/60, 15 HP | | | 0985 | |
| | 4040260 | | Cond, Air, Remote, 460/3/60, 15 HP | | | | 0260 |
| | 4041020 | | Motor & Fan Assy, Condenser, 230V | 1 | - | 1 | - |
| 1 | 4041019 | | Motor & Fan Assy, Condenser, 460V | - | 1 | - | 1 |

* The 10th digit of the model number found on the unit data plate designates design sequence.

GlacierChill Design Sequence* A
Air-Cooled Compressor Module



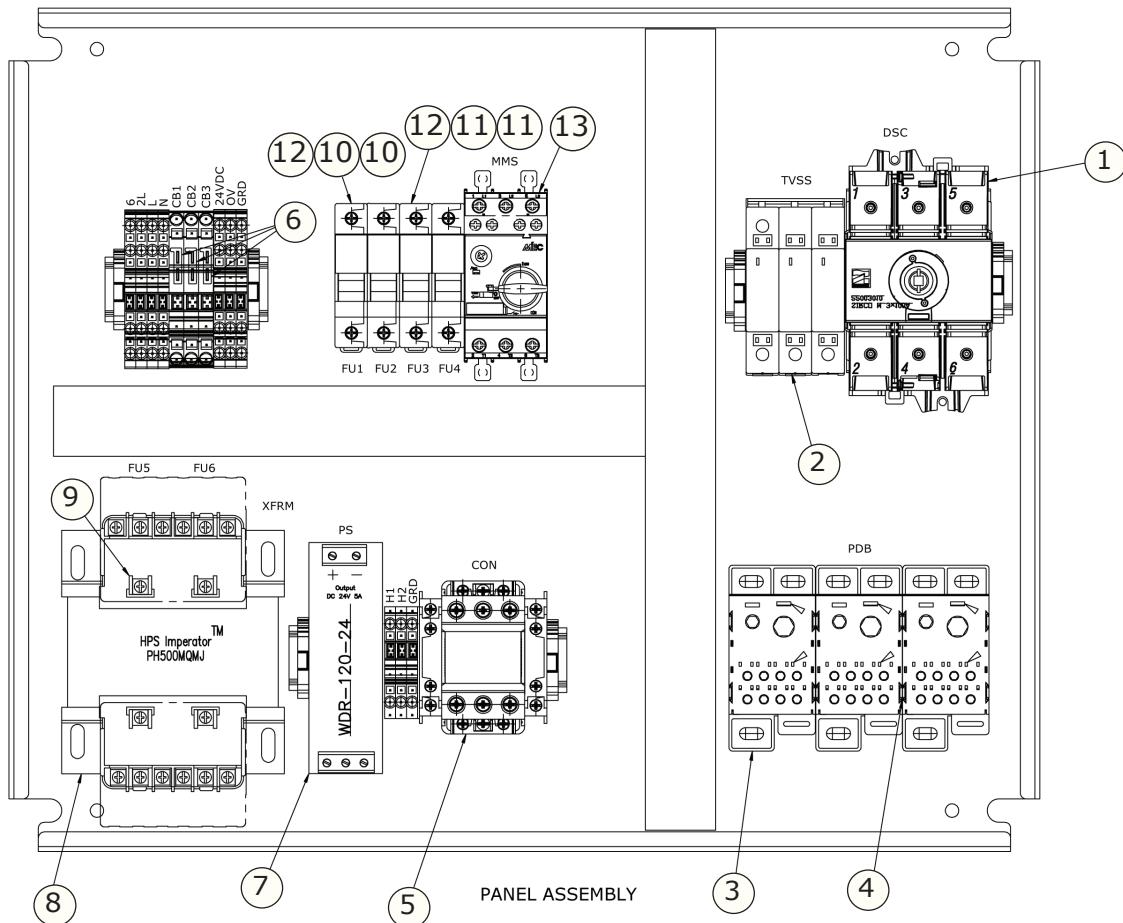
PANEL ASSEMBLY

| ITEM | PART NO. | Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|---------------------------|---------------------------------------|-----------------------------------|
| | 4040811 | | ENCLOSURE ASSY, CONT, COMP MOD | 0811 |
| 1 | 4041637 | | CONTROL,PC05,GCHILL,COMP,VER,A | 1 |
| 2 | 4040851 | | CONTROLLER,UNIVERSAL,EVD,PLAN | 1 |
| 3 | 4041008 | | RELAY SKT,2 POLE,8A,250VAC/24V | 9 |
| 4 | 4041009 | | RELAY PLUG,2 POLE,8A,250VAC/24 | 8 |
| 5 | 4041016 | | PCB RELAY,3A,240VAC/24VDC | 1 |

* The 10th digit of the model number found on the unit data plate designates design sequence.

GlacierChill Design Sequence* A
Air-Cooled and Water-Cooled
Compressor Module

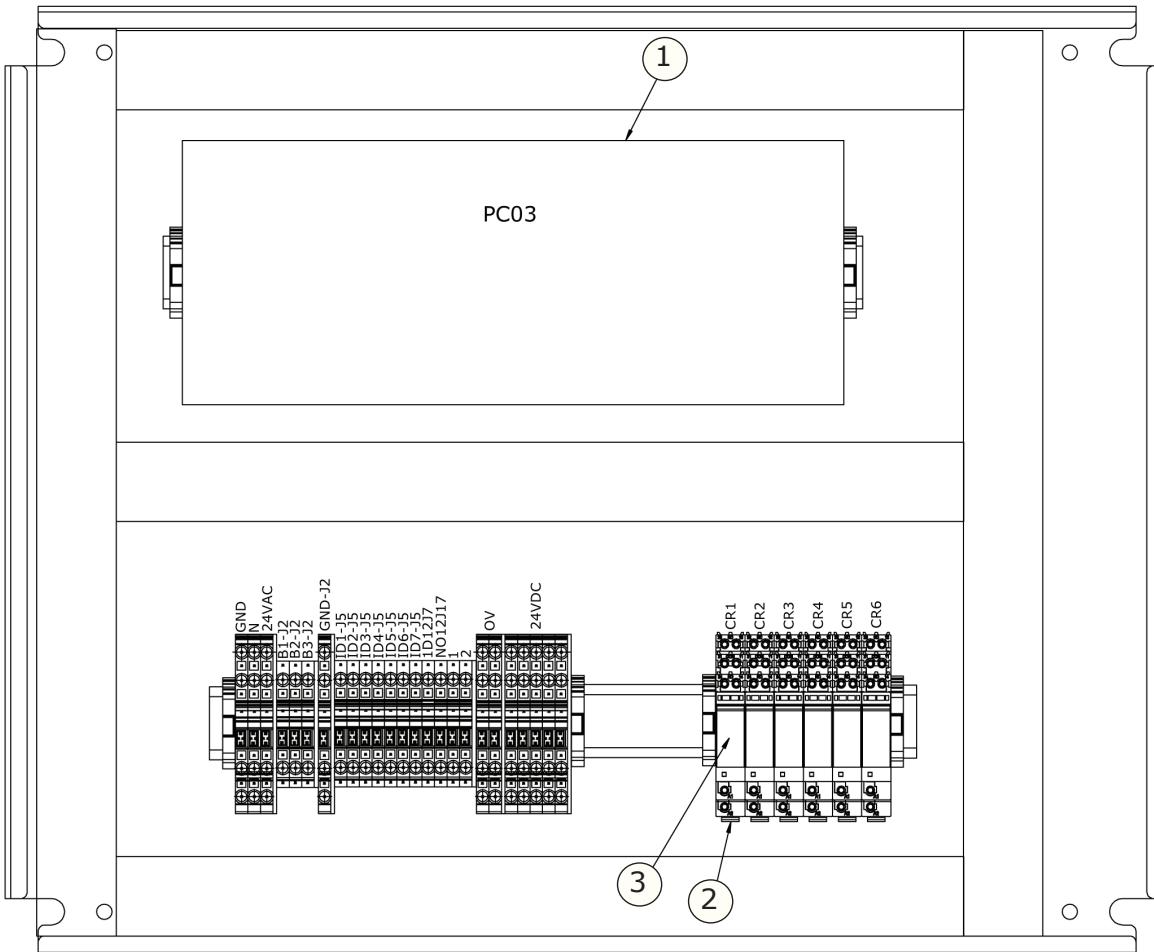
| | |
|------------------------|-------------------|
| SECTION E | PAGE 45 |
| EFFECTIVE: 10/16/12 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|----------|---------------------------------|-----------------------------------|------|------|
| | 4040934 | Enclosure Assy, PWR,10HP,460V | 0934 | | |
| | 4040813 | Enclosure Assy, PWR,15HP,230V | | 0813 | |
| | 4040814 | Enclosure Assy, PWR,10HP,230V | | | 0814 |
| 1 | 4040994 | DISCONNECT,NON-FUSED,60A | 1 | - | - |
| | 4041023 | DISCONNECT,NON-FUSED,100A | - | 1 | 1 |
| 2 | 4040995 | SURGE PROTECTOR,MODULAR | 1 | - | - |
| | 4041036 | SURGE PROTECTOR,MODULAR,240V | - | 1 | 1 |
| 5 | 4040998 | CONTACTOR,32A/24VAC,2ON/2NC | 1 | - | - |
| | 4041044 | CONTACTOR,75A/24VAC,2NO/2NC | - | 1 | - |
| | 4041046 | CONTACTOR,65A/24VAC,2ON/2NC | - | - | 1 |
| 6 | 4041007 | CIRCUIT BREAKER,4A,250VAC/65VDC | 3 | 3 | 3 |
| 7 | 4041006 | POWER SUPPLY,550VAC,24VDC | 1 | 1 | 1 |
| 8 | 4041005 | TRANSFORMER,500VA | 1 | 1 | 1 |
| 9 | 4041002 | FUSE, 4A,CLASS CC,TRANS DUTY | 2 | 2 | 2 |
| 10 | 4041000 | FUSE, 1A,CLASS CC,MOTOR DUTY | 2 | 2 | 2 |
| 11 | 4041001 | FUSE, 3A,CLASS CC,MOTOR DUTY | 2 | 2 | 2 |
| 12 | 4040976 | FUSE HOLDER,2-POLE,CC | 2 | 2 | 2 |
| 13 | 4040999 | CONTROLLER,MOTOR,COMB,18-26A | 1 | - | - |
| | 4041022 | CONTROLLER,MOTOR,COMB,45-63A | - | 1 | - |
| | 4041048 | CONTROLLER,MOTOR,COMB,34-50A | - | - | 1 |

* The 10th digit of the model number found on the unit data plate designates design sequence.

GlacierChill Design Sequence* A
Glycol Module



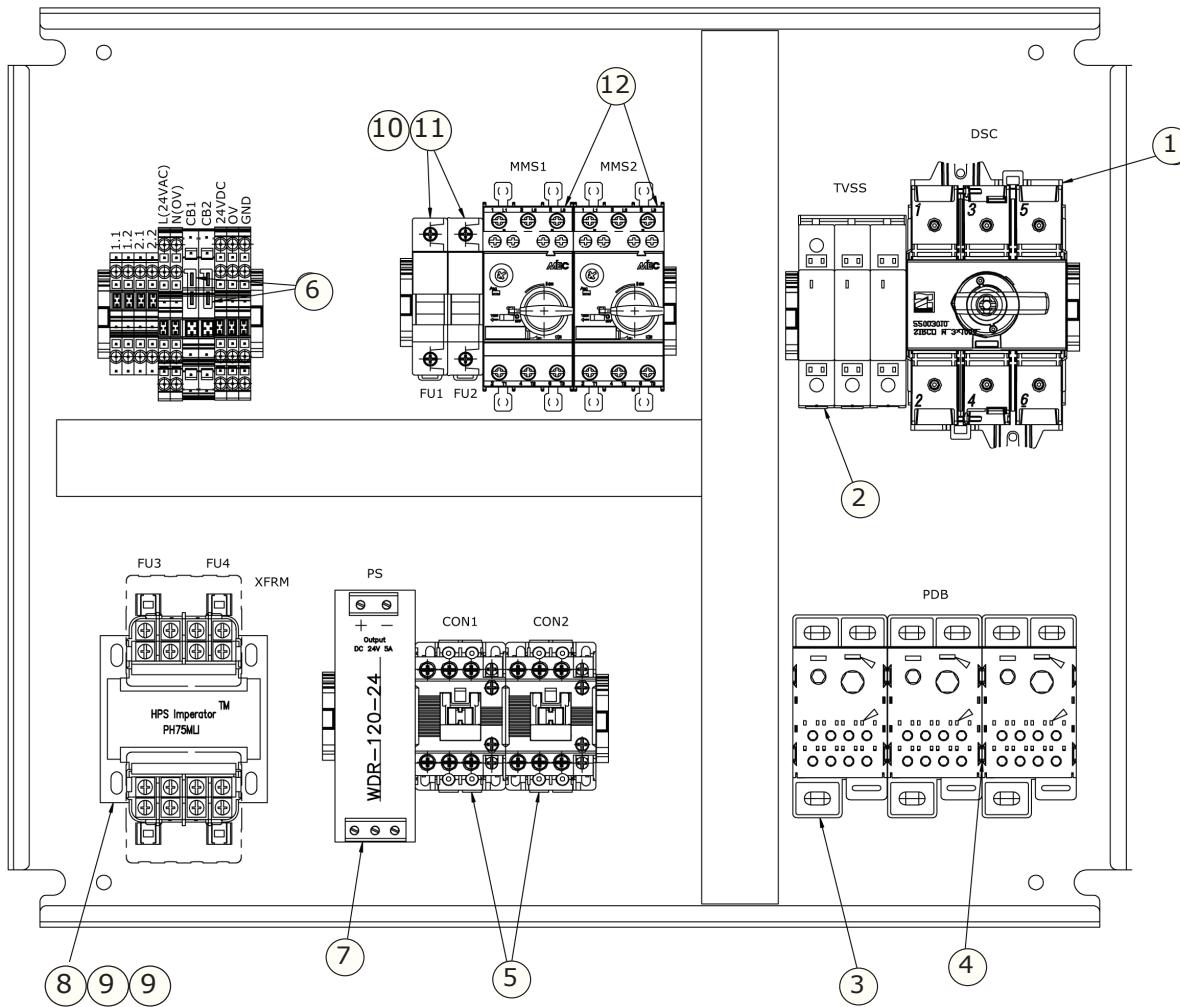
PANEL ASSEMBLY

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|-----------------------------|------------------------------------|-----------------------------------|
| | 4040835 | | CONTROL ASSY, GLYCOL MODULE | 0835 |
| 1 | 4041638 | | CONTROL,PC05,GCHILL,GLY,VER,A | 1 |
| 2 | 4041008 | | RELAY SKT,2 POLE,8A,250VAC/24V | 6 |
| 3 | 4041009 | | RELAY PLUG,2 POLE,8A,250VAC/24 | 6 |

* The 10th digit of the model number found on the unit data plate designates design sequence.

GlacierChill Design Sequence* A Glycol Module

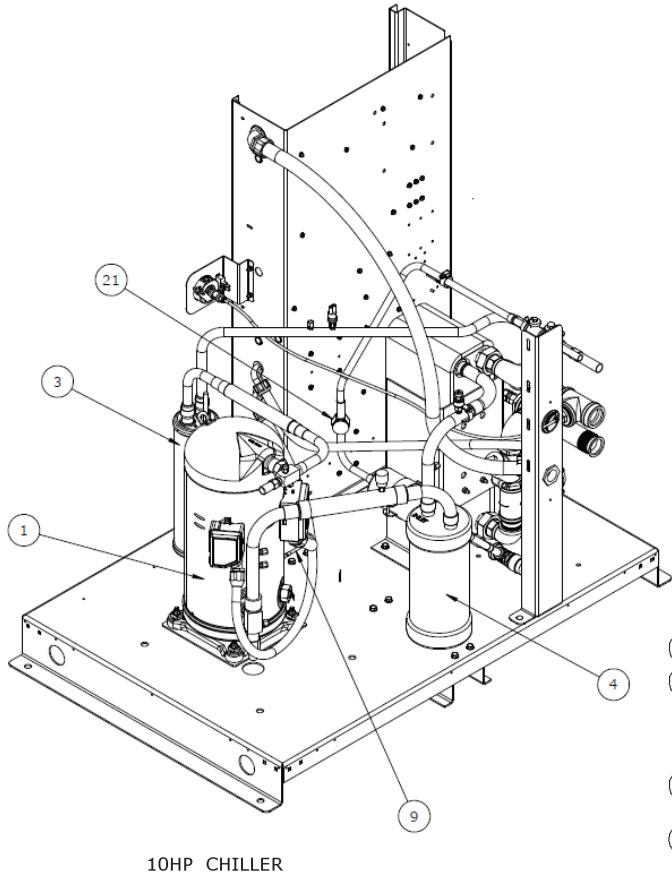
SECTION E PAGE 47
EFFECTIVE: 5/22/12



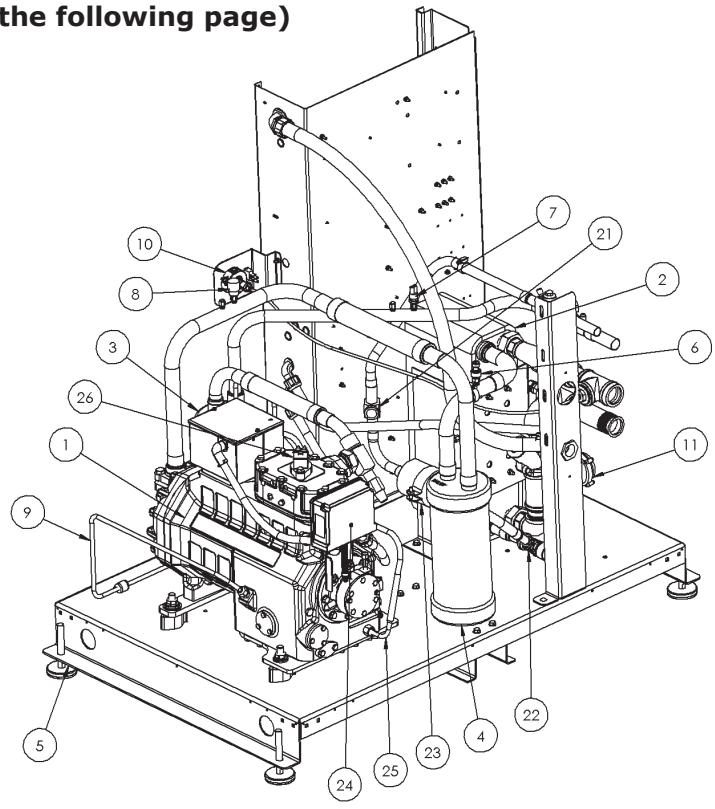
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------|---------------------------------|-----------------------------------|---|
| | 4040837 | Control Assy,PWR,Glycol,460V | 0837 | |
| | 4041030 | Control Assy,PWR,Glycol,230V | 1030 | |
| 1 | 4041010 | DISCONNECT,NON-FUSED,30A | 1 | - |
| 1 | 4040994 | DISCONNECT,NON-FUSED,60A | - | 1 |
| 2 | 4040995 | SURGE PROTECTOR,MODULAR | 1 | - |
| 2 | 4041036 | SURGE PROTECTOR,MODULAR,240V | - | 1 |
| 3 | 4040996 | BLOCK,DISTRIBUTION,POWER | 3 | 3 |
| 4 | 4040997 | CLIP,DISTR BLOCK,PANEL MT | 4 | 4 |
| 5 | 4041034 | CONTACTOR,18B/24VAC,1NO/1NC | 2 | 2 |
| 6 | 4041007 | CIRCUIT BREAKER,4A,250VAC/65VDC | 2 | 2 |
| 7 | 4041006 | POWER SUPPLY,550VAC,24VDC | 1 | 1 |
| 8 | 4041012 | TRANSFORMER,75VA | 1 | 1 |
| 9 | 4041013 | FUSE, 1A,CLASS CC,TRANS DUTY | 2 | 2 |
| 10 | 4041001 | FUSE, 3A,CLASS CC,MOTOR DUTY | 2 | 2 |
| 11 | 4040976 | FUSE HOLDER,2-POLE,CC | 2 | 2 |
| 11 | 4041018 | CONTROLLER,MOTOR,COMB,5-8A | 2 | - |
| 12 | 4041035 | CONTROLLER,MOTOR,COMB,11-17A | - | 2 |

* The 10th digit of the model number found on the unit data plate designates design sequence.

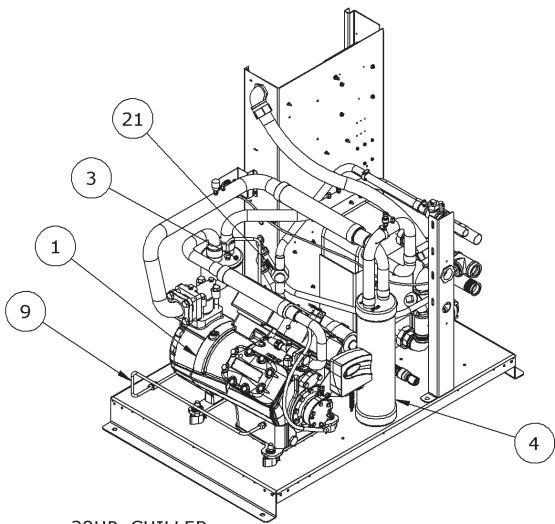
GlacierChill Design Sequence* B
Air-Cooled Chiller Modules
(below parts list on the following page)



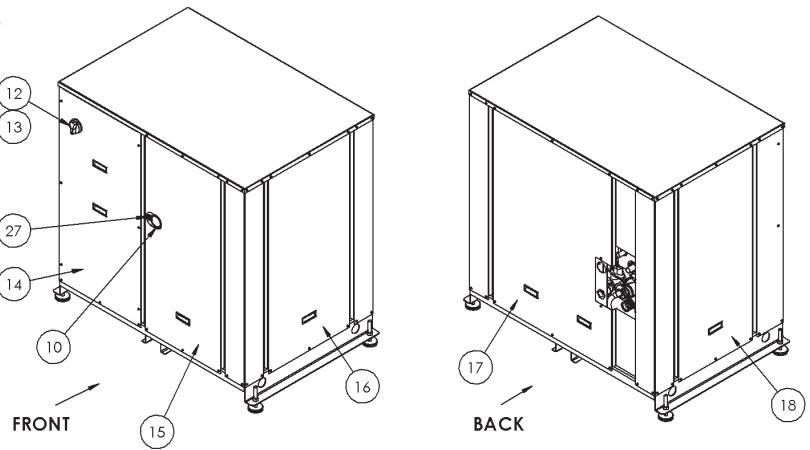
10HP CHILLER



15HP CHILLER

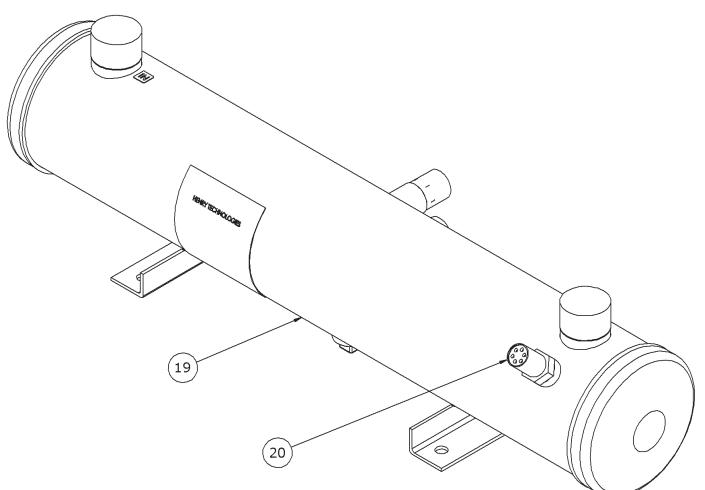


20HP CHILLER



FRONT

BACK



* The 10th digit of the model number found on the unit data plate designates design sequence.

GlacierChill Design Sequence* B

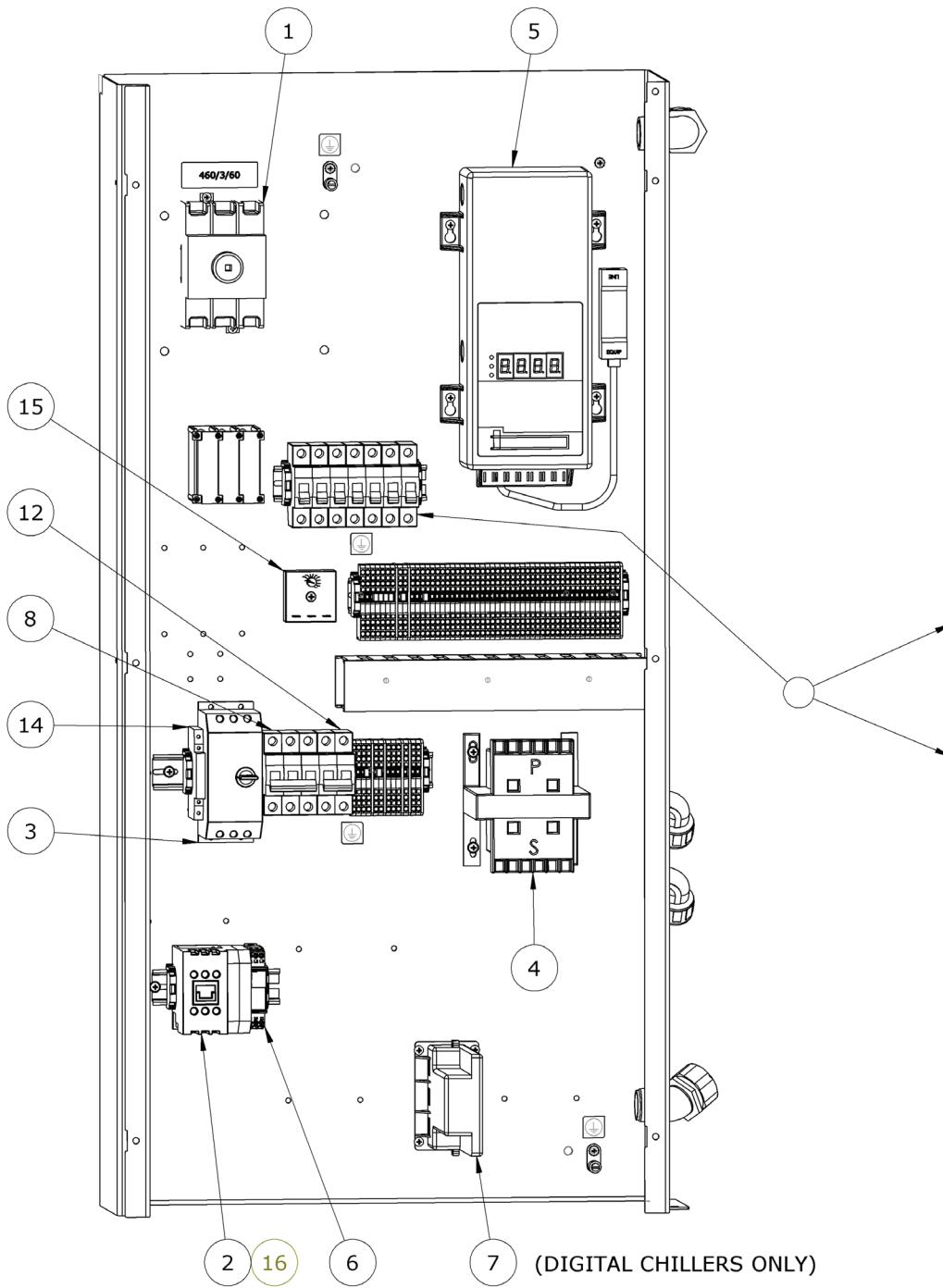
Air-Cooled Chiller Modules (Cont.)

 SECTION **E**
 PAGE **49**
 EFFECTIVE: **8/13/19**

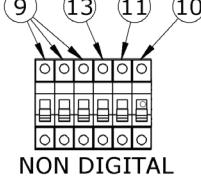
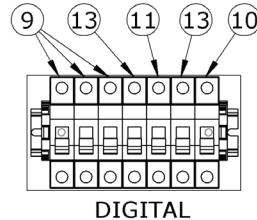
| Item | P/N, DIG | P/N, N/D | Description | Quantity Required (DIG = Digital, N/D = Non Digital) | | | | | | | | | |
|------|---|----------|---------------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ... | 4041100 | 4041101 | Chiller Assy, 10HP, RMT Air, 230V | 100 | 101 | | | | | | | | |
| ... | 4041322 | 4041323 | Chiller Assy, 10HP, RMT Air, 460V | | | 322 | 323 | | | | | | |
| ... | 4041096 | 4041099 | Chiller Assy, 15HP, RMT Air, 230V | | | | | 096 | 099 | | | | |
| ... | 4041320 | 4041321 | Chiller Assy, 15HP, RMT Air, 460V | | | | | | | 320 | 321 | | |
| ... | 4041347 | 4041348 | Chiller Assy, 20HP, RMT Air, 230V | | | | | | | 347 | 348 | | |
| ... | 4041261 | 4041262 | Chiller Assy, 20HP, RMT Air, 460V | | | | | | | | | 261 | 262 |
| 1 | All compressors (warranty or otherwise) must be obtained from an authorized Copeland distributor. | | | | | | | | | | | | |
| 2 | 4041218 | | Evaporator Assy, 10HP Chiller | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 4041190 | | Evaporator Assy, 15HP Chiller | - | - | - | - | 1 | 1 | 1 | 1 | - | - |
| | 4041266 | | Evaporator Assy, 20HP Chiller | - | - | - | - | - | - | - | 1 | 1 | 1 |
| 3 | 4040255 | | Oil Separator, 10HP | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 4041411 | | Oil Separator, 15HP | - | - | - | - | 1 | 1 | 1 | 1 | - | - |
| | 4041413 | | Oil Separator, 20HP | - | - | - | - | - | - | - | 1 | 1 | 1 |
| 4 | 4041468 | | Accumulator, 10HP | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 4041469 | | Accumulator, 15HP | - | - | - | - | 1 | 1 | 1 | 1 | - | - |
| | 4041267 | | Accumulator, 20HP | - | - | - | - | - | - | - | 1 | 1 | 1 |
| 5 | 4040771 | | Foot, Leveling, 5/8" x 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 6 | 4041088 | | Transducer, Pressure, 0-150 psi | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | 4041097 | | Switch, Safety, High Pressure | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 4041252 | | Switch, Safety, Low Pressure | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 4041237 | | Tube Assy, Oil, Sep-Com, 10HP Chiller | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 4041143 | | Tube Assy, Oil, Sep-Com, 15HP Chiller | - | - | - | - | 1 | 1 | 1 | 1 | - | - |
| | 4041291 | | Tube Assy, Oil, Sep-Com, 20HP Chiller | - | - | - | - | - | - | - | 1 | 1 | 1 |
| 10 | 4040822 | | Gauge, Pressure, Glycol, 2.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 11 | 4040325 | | Switch, Flow, NEMA 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 12 | 4040979 | | Handle, Disconnect | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| | 4041382 | | Handle, Disconnect | - | - | - | - | - | - | - | 1 | 1 | - |
| 13 | 4041246 | | Shaft, 5mm X 130mm | - | - | 1 | 1 | - | - | 1 | 1 | - | 1 |
| | 4041385 | | Shaft, 10mm X 135mm | - | - | - | - | - | - | - | 1 | 1 | - |
| 14 | 4041075 | | Door, Control Box, Chiller | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 15 | 4041076 | | Front, Enclosure, Chiller | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 16 | 4041077 | | Side, Right, Enclosure, Chiller | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 17 | 4041069 | | Back Enclosure, Chiller | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | 4041145 | | Side, Left, Enclosure, Chiller | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | 4041430 | | Receiver | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 20 | 4041460 | | Pressure Relief Valve | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 21 | 4040767 | | Sight Glass,10HP | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 4040787 | | Sight Glass,15HP | - | - | - | - | 1 | 1 | 1 | 1 | - | - |
| | 4041308 | | Sight Glass,20HP | - | - | - | - | - | - | - | 1 | 1 | 1 |
| 22 | 4041416 | | EEV,SERI-F 5 X 7 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 4041422 | | EEV,SERI-G 7 X 9 | - | - | - | - | 1 | 1 | 1 | 1 | - | - |
| | 4041423 | | EEV,SERI-J 9 X 11 | - | - | - | - | - | - | - | 1 | 1 | 1 |
| 23 | 4041217 | | FILTER/DRYER, 5/8 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| | 4041083 | | FILTER/DRYER, 7/8 | - | - | - | - | 1 | 1 | 1 | 1 | - | - |
| | 4041431 | ⊗ | FILTER/DRYER, 1-1/8 | - | - | - | - | - | - | - | 1 | 1 | 1 |
| 24 | 4041091 | | Coresense | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 25 | 4041438 | | Crankcase Heater | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| | 4041437 | | Crankcase Heater | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| 26 | 4040313 | | Coil, Digital Compressor, 15/20HP | - | - | - | - | 1 | - | 1 | - | 1 | - |
| | 4041108 | | Coil, Digital Compressor, 10HP | 1 | - | 1 | - | - | - | - | - | - | - |
| 27 | 4041283 | | Switch, Rocker, 20A | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

* The 10th digit of the model number found on the unit data plate designates design sequence.

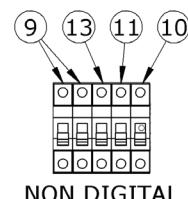
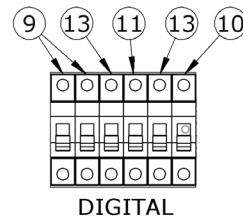
**Control Box ASSY GlacierChill
Design Sequence* B Chillers**



**15 AND 20 HP
UPPER BREAKERS**



**10 HP
UPPER BREAKERS**



* The 10th digit of the model number found on the unit data plate designates design sequence.

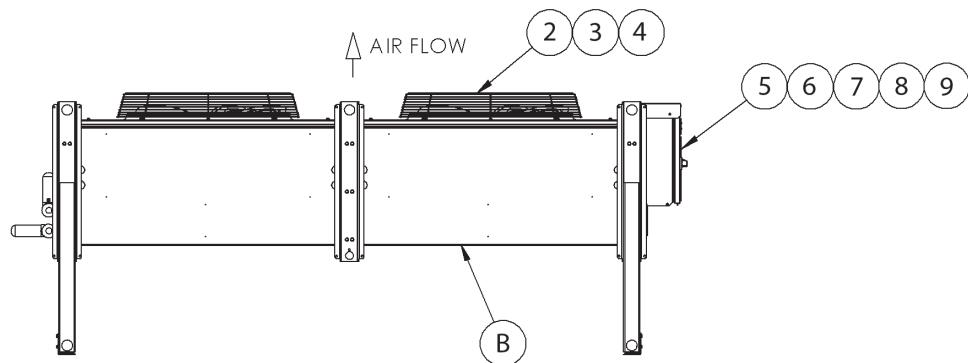
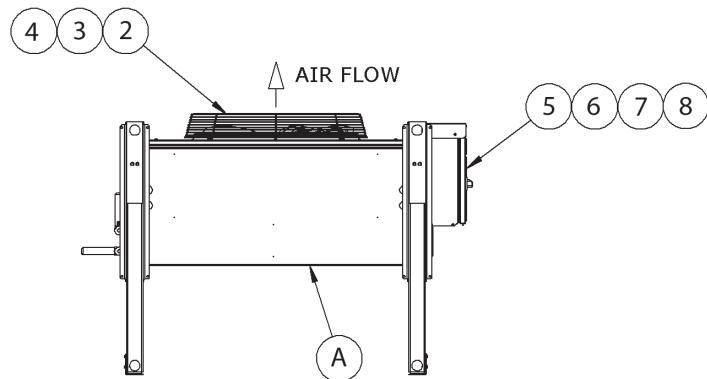
**Control Box ASSY GlacierChill
Design Sequence* B Chillers (Cont.)**

| | |
|-----------------------|-------------------|
| SECTION E | PAGE 51 |
| EFFECTIVE: 3/31/15 | |

| Item | P/N, DIG | P/N, N/D | Description | Quantity Required (DIG = Digital, N/D = Non Digital) | | | | | | | | | | | | | | | | | | | |
|------|----------|----------|---|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | | | | 250 | | 255 | | 326 | | 357 | | 205 | | 241 | | 330 | | 331 | | 349 | | 350 | |
| | 4041250 | 4041255 | Control Assy, 10HP, 230V | 250 | 255 | | | | | | | | | | | | | | | | | | |
| | 4041326 | 4041357 | Control Assy, 10HP, 460V | | | 326 | 357 | | | | | | | | | | | | | | | | |
| | 4041205 | 4041241 | Control Assy, 15HP, 230V | | | | | 205 | 241 | | | | | | | | | | | | | | |
| | 4041330 | 4041331 | Control Assy, 15HP, 460V | | | | | 330 | 331 | | | | | | | | | | | | | | |
| | 4041349 | 4041350 | Control Assy, 20HP, 230V | | | | | | | 349 | 350 | | | | | | | | | | | | |
| | 4041293 | 4041294 | Control Assy, 20HP, 460V | | | | | | | | | 293 | 294 | | | | | | | | | | |
| 1 | 4041023 | | Disconnect, Non-Fused, 10HP, 230V, 100A | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4040994 | | Disconnect, Non-Fused, 10HP, 460V, 60A | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4041023 | | Disconnect, Non-Fused, 15HP, 230V, 100A | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4040994 | | Disconnect, Non-Fused, 15HP, 460V, 60A | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | |
| | 4041378 | | Disconnect, Non-Fused, 20HP, 230V, 200A | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | |
| | 4041023 | | Disconnect, Non-Fused, 20HP, 460V, 100A | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | |
| 2 | 4041046 | | Contactor, 10HP, 230V | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4040998 | | Contactor, 10HP, 460V | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4041044 | | Contactor, 15HP, 230V | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4041027 | | Contactor, 15HP, 460V | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | |
| | 4041356 | | Contactor, 20HP, 230V | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | |
| | 4041044 | | Contactor, 20HP, 460V | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | |
| 3 | 4041048 | | Controller, Motor, 10HP, 230V, 34-50A | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4040999 | | Controller, Motor, 10HP, 460V, 18-26A | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4041022 | | Controller, Motor, 15HP, 230V, 45-63A | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4041045 | | Controller, Motor, 15HP, 460V, 22-32A | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | |
| | 4041357 | | Controller, Motor, 20HP, 230V, 95-130A | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | |
| | 4041022 | | Controller, Motor, 20HP, 460V, 45-63A | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | |
| 4 | 4041095 | | Transformer, Chiller Modules, 230/460V, 250VA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 5 | 4041085 | | Controller, KE2, Chiller Modules | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 6 | 4041512 | | 3-Phase Monitoring Relay | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 7 | 4041084 | | Controller, Digital (Digital Chillers Only) | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | |
| | 4041470 | | Controller, Digital (Digital Chillers Only) | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 1 | - | |
| 8 | 4041451 | | Circuit Breaker, NB1-B1-3P | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 9 | 4041453 | | Circuit Breaker, NB1-B1-1P | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| 10 | 4041454 | | Circuit Breaker, NB1-D1-1P | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 11 | 4041455 | | Circuit Breaker, NB1-D4-1P | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 12 | 4041456 | | Circuit Breaker, NB1-D2-2P | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 13 | 4041457 | | Circuit Breaker, NB1-D1-1P | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| 14 | 4041459 | | Switch, AUX,MMS-LA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 15 | 4041481 | | Switch, Bypass Timer | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 16 | 4041508 | | Contactor, Aux., 1N.O. 1N.C. | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | a/r | | |

* The 10th digit of the model number found on the unit data plate designates design sequence.

**Air-Cooled Condensers
GlacierChill Design Sequence* B**



| Item | P/N, DIG | ⊗=Obsolete n/s=Not Shown | Description | Quantity Required | | | | | | |
|------|----------|-----------------------------|------------------------------------|-------------------|---|---|---|---|---|--|
| A | 4041171 | | Condenser, Air 230V, 10HP, Chiller | 171 | | | | | | |
| | 4041172 | | Condenser, Air 460V, 10HP, Chiller | 172 | | | | | | |
| | 4041173 | | Condenser, Air 230V,15HP, Chiller | 173 | | | | | | |
| | 4041174 | | Condenser, Air 460V,15HP, Chiller | 174 | | | | | | |
| B | 4041175 | | Condenser, Air 230V,20HP, Chiller | 175 | | | | | | |
| | 4041176 | | Condenser, Air 460V,20HP, Chiller | 176 | | | | | | |
| 2 | 4041388 | | Motor, Fan, 208-230/460V | 1 | 1 | 1 | 1 | 2 | 2 | |
| 3 | 4041389 | | Blade, Fan | 1 | 1 | 1 | 1 | 2 | 2 | |
| 4 | 4041390 | | Guard, Fan | 1 | 1 | 1 | 1 | 2 | 2 | |
| 5 | 4041477 | | Transducer, Pressure | 1 | 1 | 1 | 1 | 1 | 1 | |
| 6 | 4041478 | | CTRL, Pressure | 1 | 1 | 1 | 1 | 1 | 1 | |
| 7 | 4041467 | | Contactor | 1 | 1 | 1 | 1 | 2 | 2 | |
| 8 | 4041479 | | Harness,Wiring | 1 | 1 | 1 | 1 | 1 | 1 | |
| 9 | 4041480 | | CTRL, Slave | - | - | - | - | 1 | 1 | |

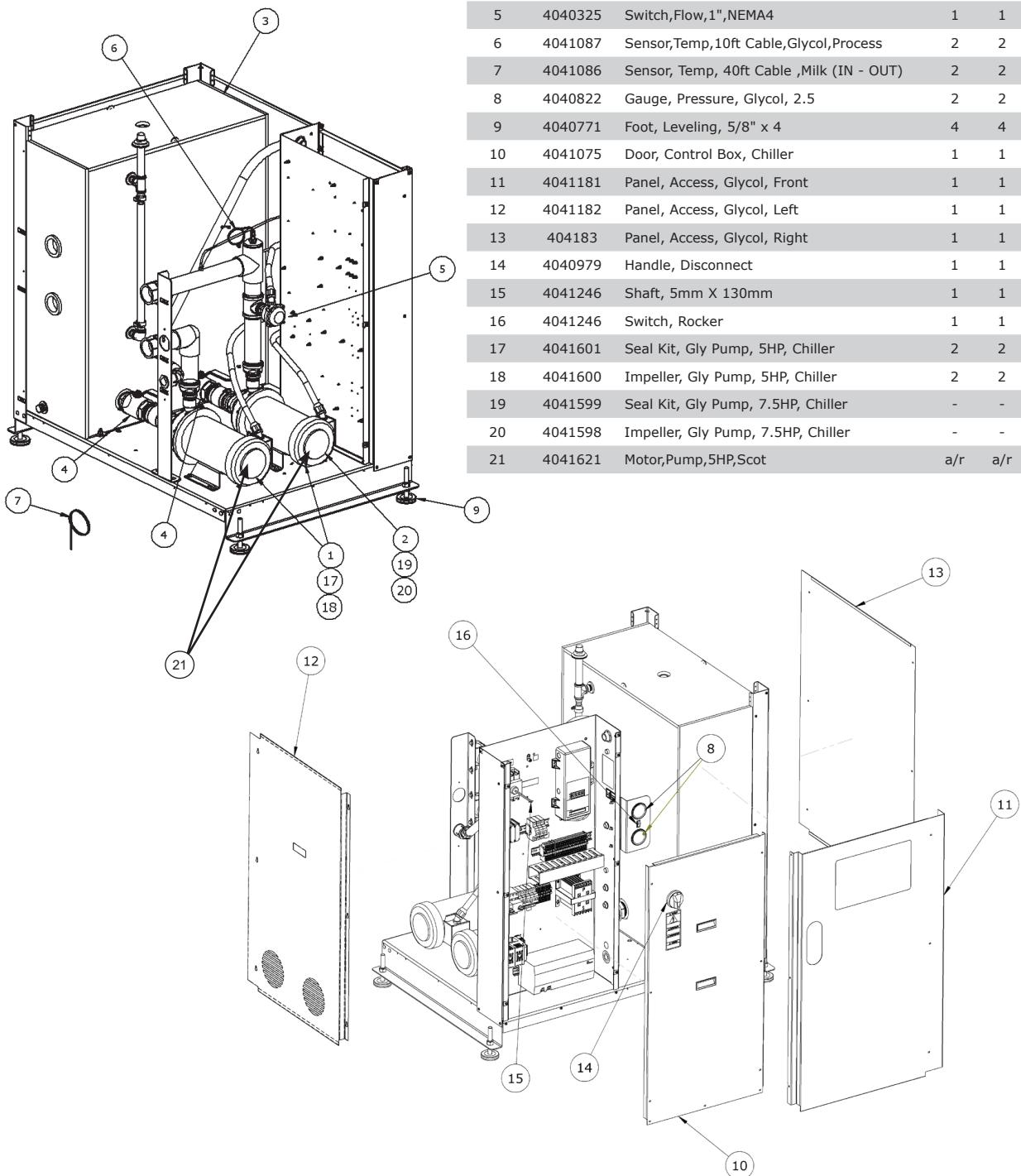
* The 10th digit of the model number found on the unit data plate designates design sequence.

GlacierChill Design Sequence* B

Glycol Modules

| | |
|----------------------|-------------------|
| SECTION E | PAGE 53 |
| EFFECTIVE: 4/9/20 | |

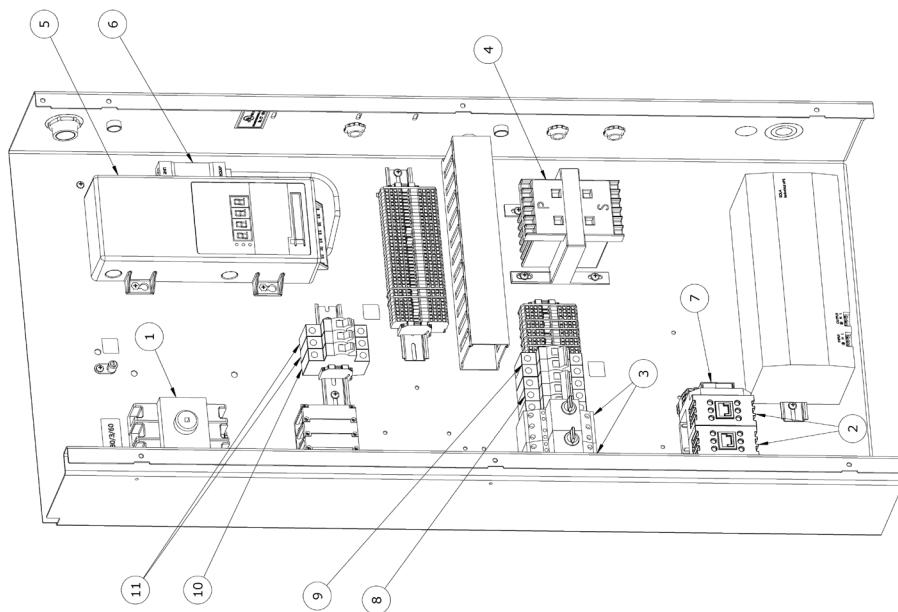
| Item | P/N | Description | Quantity Required | | | |
|------|---------|---|-------------------|-----|-----|-----|
| ... | 4041160 | Glycol Module, 10 - 15HP Chillers, 230V | 160 | | | |
| ... | 4041161 | Glycol Module, 10 - 15HP Chillers, 460V | 161 | | | |
| ... | 4041304 | Glycol Module, 20HP Chiller, 230V | 304 | | | |
| ... | 4041302 | Glycol, 20HP Chiller, 460V | 302 | | | |
| 1 | 4040807 | Pump, 5HP 230V/460V,60Hz,3PH | 2 | 2 | 1 | 1 |
| 2 | 4041153 | Pump, 7.5HP 230V/460V,60Hz,3PH | - | - | 1 | 1 |
| 3 | 4041440 | Tank Assy, Glycol, SS | 1 | 1 | 1 | 1 |
| 4 | 4041448 | Valve, Ball, Brass, 2.0 | 2 | 2 | 2 | 2 |
| 5 | 4040325 | Switch,Flow,1",NEMA4 | 1 | 1 | 1 | 1 |
| 6 | 4041087 | Sensor,Temp,10ft Cable,Glycol,Process | 2 | 2 | 2 | 2 |
| 7 | 4041086 | Sensor, Temp, 40ft Cable ,Milk (IN - OUT) | 2 | 2 | 2 | 2 |
| 8 | 4040822 | Gauge, Pressure, Glycol, 2.5 | 2 | 2 | 2 | 2 |
| 9 | 4040771 | Foot, Leveling, 5/8" x 4 | 4 | 4 | 4 | 4 |
| 10 | 4041075 | Door, Control Box, Chiller | 1 | 1 | 1 | 1 |
| 11 | 4041181 | Panel, Access, Glycol, Front | 1 | 1 | 1 | 1 |
| 12 | 4041182 | Panel, Access, Glycol, Left | 1 | 1 | 1 | 1 |
| 13 | 404183 | Panel, Access, Glycol, Right | 1 | 1 | 1 | 1 |
| 14 | 4040979 | Handle, Disconnect | 1 | 1 | 1 | 1 |
| 15 | 4041246 | Shaft, 5mm X 130mm | 1 | 1 | 1 | 1 |
| 16 | 4041246 | Switch, Rocker | 1 | 1 | 1 | 1 |
| 17 | 4041601 | Seal Kit, Gly Pump, 5HP, Chiller | 2 | 2 | 1 | 1 |
| 18 | 4041600 | Impeller, Gly Pump, 5HP, Chiller | 2 | 2 | 1 | 1 |
| 19 | 4041599 | Seal Kit, Gly Pump, 7.5HP, Chiller | - | - | 1 | 1 |
| 20 | 4041598 | Impeller, Gly Pump, 7.5HP, Chiller | - | - | 1 | 1 |
| 21 | 4041621 | Motor,Pump,5HP,Scot | a/r | a/r | a/r | a/r |



* The 10th digit of the model number found on the unit data plate designates design sequence.

Control Box ASSY Glycol Modules GlacierChill Design Sequence* B

| Item | P/N | Description | Quantity Required |
|------|---------|--|-------------------|
| ... | 4041210 | Control Assy, 5/5HP, Glycol, 230V | 210 |
| ... | 4041301 | Control Assy, 5/5HP, Glycol, 460V | 301 |
| ... | 4041305 | Control Assy, 5/7.5HP, Glycol, 230V | 305 |
| ... | 4041303 | Control Assy, 5/7.5HP, Glycol, 460V | 303 |
| 1 | 4040994 | Disconnect, Non-Fused, Glycol, 230V, 60A | 1 |
| | 4041010 | Disconnect, Non-Fused, Glycol, 460V, 30A | - |
| 2 | 4040998 | Contactor, 32A, 230V | 2 |
| 3 | 4041035 | Controller, Motor, 5/5HP, 230V, 11-17A | 2 |
| | 4041018 | Controller, Motor, 5/5HP, 460V, 5-8A | - |
| | 4041377 | Controller, Motor, 5/7.5HP, 230V, 14-22A | - |
| | 4041314 | Controller, Motor, 5/7.5HP, 460V, 6-10A | - |
| 4 | 4041095 | Transformer/Glycol Module, 230/460V, 250VA | 1 |
| 5 | 4041164 | Controller, KE2, Glycol Module | 1 |
| 6 | 3561432 | Surge Suppressor, Ethernet | 1 |
| 7 | 4041512 | 3-Phase Monitoring Relay | 1 |
| 8 | 4041451 | Circuit Breaker, NB1-B1-3P | 1 |
| 9 | 4041456 | Circuit Breaker, NB1-D2-2P | 1 |
| 10 | 4041453 | Circuit Breaker, NB1-B1-1P | 1 |
| 11 | 4041454 | Circuit Breaker, NB1-D2-1P | 2 |
| | 4041457 | Circuit Breaker, NB1-D1-1P | - |
| 12 | 4041345 | Router/Wireless, 10 Port | 1 |
| 13 | 1912510 | Battery, 120V, Lead Acid | 1 |



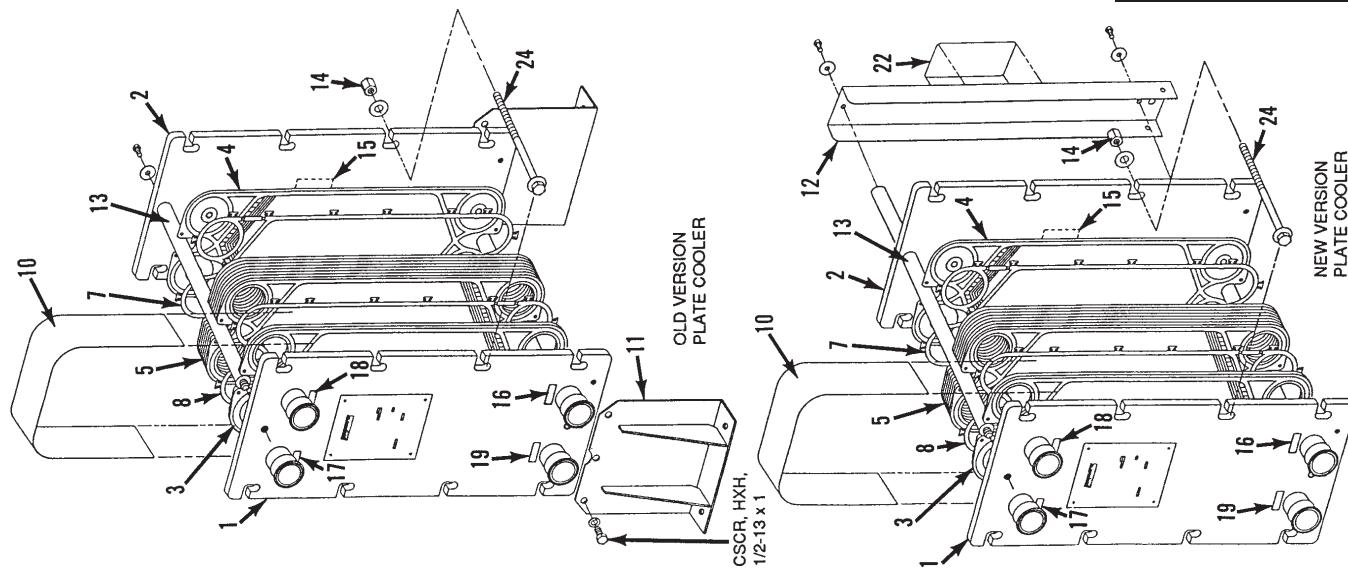
CONTROL BOX 230V & 460V



* The 10th digit of the model number found on the unit data plate designates design sequence.

Dari-Kool Plate Coolers

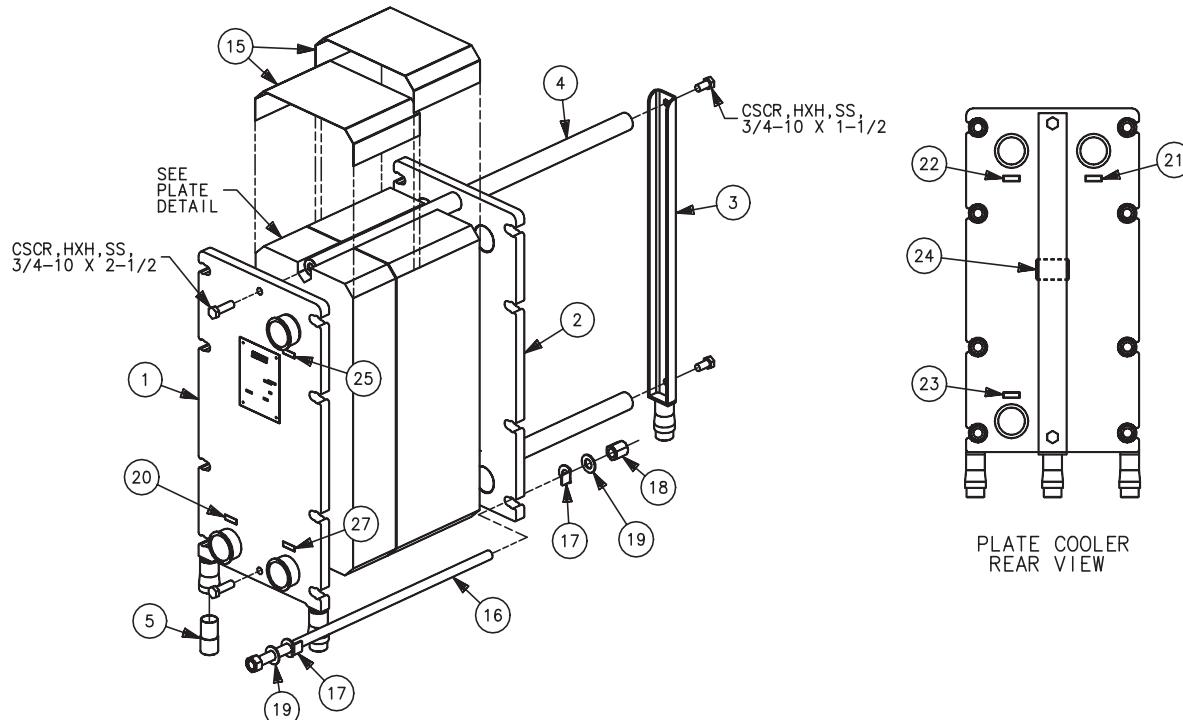
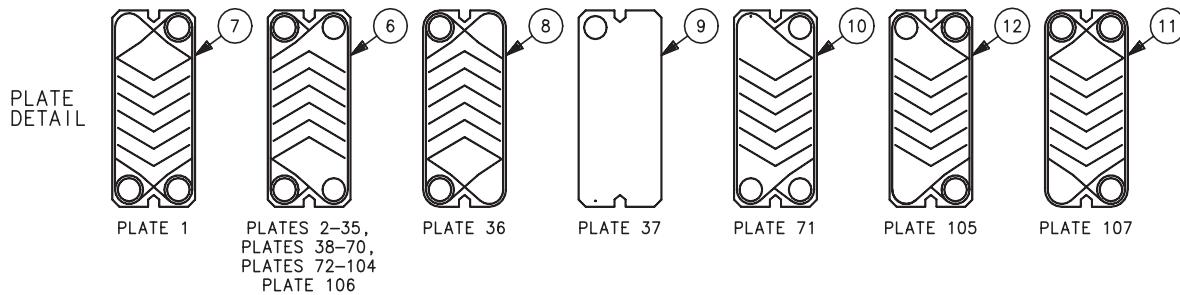
SECTION E **PAGE 55**
 EFFECTIVE: 11/28/06



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (n/s=NOT SHOWN) | | 437 |
|---------|----------------------|-------------------------------------|---------------------------------|-----|-------------------------|
| | | | (a/r=a REQUIRED) | | |
| 1 | 4019527 | Plate Cooler, DK, 1PSC30 (shown) | 690 | 691 | |
| 1 | 40195219 | Plate Cooler, DK, 1PSC50 | 690 | 708 | |
| 4019513 | 4019708 | Plate Cooler, DK, 80S | 690 | 439 | |
| 4020439 | 4019692 | Plate Cooler, DK, 3PSC74 | 692 | 692 | |
| 4019692 | 4020436 | Plate Cooler, DK, 3PDC74 | 692 | 436 | |
| 4020436 | 402054 | Plate Cooler, DK, 1PSC40 | 692 | 054 | |
| 4020438 | 4020440 | Plate Cooler, DK, 3PSC50 | 692 | 438 | |
| 4020440 | 4020435 | Plate Cooler, DK, 3PSC98 | 692 | 440 | |
| 4020435 | 4020437 | Plate Cooler, DK, 3PDC50 | 692 | 035 | |
| | | Plate Cooler, DK, 3PDC98 | | | |
| 1 | 4019500 ¹ | n/s Plate, HE, Blank | 1 | 1 | - |
| 6a | 4020452 ¹ | n/s Plate, PHX, 3 Hle, w/Drn | - | - | - |
| 6a | 4019501 ² | n/s Plate, PHX, 1 Hle, w/Drn | - | - | - |
| 7 | 4019503 | Gasket, Heat Exch, Coolant | 16 | 26 | 38 |
| 8 | 4019504 | Gasket, Heat Exch, Milk | 15 | 25 | 40 |
| 9 | 4019536 | n/s Gasket, Heat Exch, Full | - | 1 | 1 |
| 10 | 4019547 | Cover, Plate Cooler, 30S | 1 | - | - |
| 11 | 4019548 | Cover, Plate Cooler, 50S | - | 1 | - |
| 12 | 4020062 | Cover, Plate Cooler, 40S | - | - | - |
| 12 | 4020063 | Cover, Plate Cooler, 8.88 | - | - | - |
| 11 | 4019546 | Bracket Assy, Plate Cooler | 2 | 2 | 2 |
| 12 | 4020029 | Bracket Support, Plate Cooler | 2 | 1 | 1 |
| 13 | 4019519 | Rod, Support, HE, 22 In | 2 | - | - |
| 14 | 4019502 | Rod, Support, HE, 30 In | - | 2 | 2 |
| 14 | 4019516 | Nut, Hex, Brass, 5/8-11 x 1.00Lg | 8 | 8 | 8 |
| 15 | 4019543 | Label, Caution, Plate Cooler | 1 | 1 | 1 |
| 16 | 4019540 | Label, Coolant Out | 1 | 1 | 1 |
| 17 | 4019539 | Label, Coolant In | 1 | 1 | 1 |
| 18 | 4019538 | Label, Milk Out | 1 | 1 | 1 |
| 19 | 4019537 | Label, Milk In | 1 | 1 | 1 |
| 20 | 4020148 | n/s Label, Water In | - | 1 | - |
| 21 | 4020149 | n/s Label, Water Out | - | 1 | - |
| 22 | 4013600 | Label, Dari-Kool, 3-1/4 x 7 | 1 | 1 | 1 |
| 23 | 4020339 | n/s Plug, Int, Rbr, 2.00 | - | 4 | 2 |
| 24 | 4019517 | CSCR, HXH, SS, 5/8-11 x 12 | 8 | 8 | 4 |
| 24 | 4020621 | CSCR, HXH, SS, 5/8-11 x 23 | 8 | 8 | 2 |
| 25 | 4020035 | n/s Web, Sleeve, Pistic, .50-.75 OD | a/r | a/r | a/r a/r a/r a/r a/r a/r |

- Note
1. Represents plate 30 on Cooler Assy 4019690, plate 50 on Cooler Assy 4019691, plate 80 on Cooler Assy 4019708, plates 26 & 49 on Cooler Assy 4020439, plate 49 on Cooler Assy 4020436, plate 40 on Cooler Assy 4020054, plates 18 & 33 on Cooler Assy 4020438, plates 34 & 65 on Cooler Assy 4020440, plate 33 on Cooler Assy 4020435, plate 65 on Cooler Assy 4020437.
 2. Represents plate 30 on Cooler Assy 4019692, plate 26 on Cooler Assy 4019692, plate 18 on Cooler Assy 4020436, plate 34 on Cooler Assy 4020437.
 3. When replacing plate coolers with newer models, some piping changes are required.
 4. Placement of inlet/outlet labels (items 17-21) is different for Cooler Assy's 4020439 and 4020436. Refer to cooler for correct location.

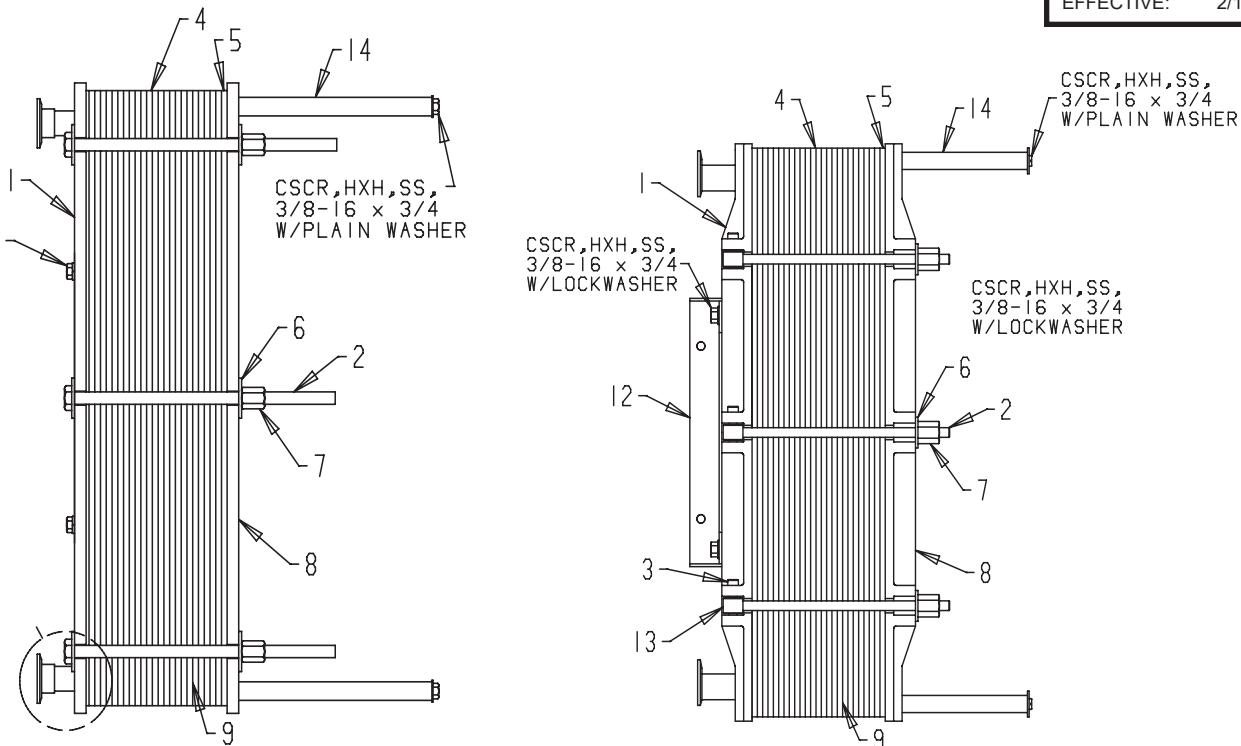
R-Series Dari-Kool Plate Coolers



| Item | Part No. | Description | Quantity Required |
|------|----------|-------------------------------------|-------------------|
| | 4024603 | ⊗ Plate Cooler, R, R3D106 | 4603 |
| 1 | 4024611 | ⊗ Frame Assy, Front, 3-Inlet | 1 |
| 2 | 4024621 | ⊗ Frame Assy, Rear, 3-Inlet | 1 |
| 3 | 4024614 | ⊗ Support Assy, Plate Cooler | 1 |
| 4 | 4024619 | ⊗ Bar, Carrying | 2 |
| 5 | 4024618 | ⊗ Leg Assy, SS, 3.75 LG | 4 |
| 6 | 4024623 | ⊗ Plate Assy, R, Flow Plate | 101 |
| 7 | 4024624 | ⊗ Plate Assy, R, End Plate | 1 |
| 8 | 4024625 | ⊗ Plate Assy, R, Transition Plate | 1 |
| 9 | 4024626 | ⊗ Divider Plate, Plate Cooler | 1 |
| 10 | 4024627 | ⊗ Plate Assy, R, Stop Plate | 1 |
| 11 | 4024628 | ⊗ Plate Assy, R, Transition Plate | 1 |
| 12 | 4024629 | ⊗ Plate Assy, R, Stop Plate | 1 |
| 15 | 4024054 | ⊗ Cover, Plate Cooler, R | 2 |
| 16 | 4024052 | ⊗ Bolt Assy, Tie, Plate Cooler | 8 |
| 17 | 4024050 | ⊗ Washer, Retaining, Plate Cooler | 16 |
| 18 | 4024049 | ⊗ Nut, Hex, Brs, 1-14 UNS x 1.75 Lg | 8 |
| 19 | 1208394 | Washer, Plain, SS, 1.00 | 16 |
| 20 | 4019537 | ⊗ Label, Milk In | 1 |
| 21 | 4019538 | ⊗ Label, Milk Out | 1 |
| 22 | 4019539 | ⊗ Label, Coolant In | 1 |
| 23 | 4019540 | ⊗ Label, Coolant Out | 1 |
| 24 | 4019543 | ⊗ Label, Caution, Plate Cooler | 1 |
| 25 | 4020148 | ⊗ Label, Water In | 1 |
| 26 | 4020149 | ⊗ Label, Water Out | 1 |

Models M800, M1S44, M1S34, M1S24, M3D79 & M3S79 Plate Coolers

SECTION E PAGE 57
EFFECTIVE: 2/19/13



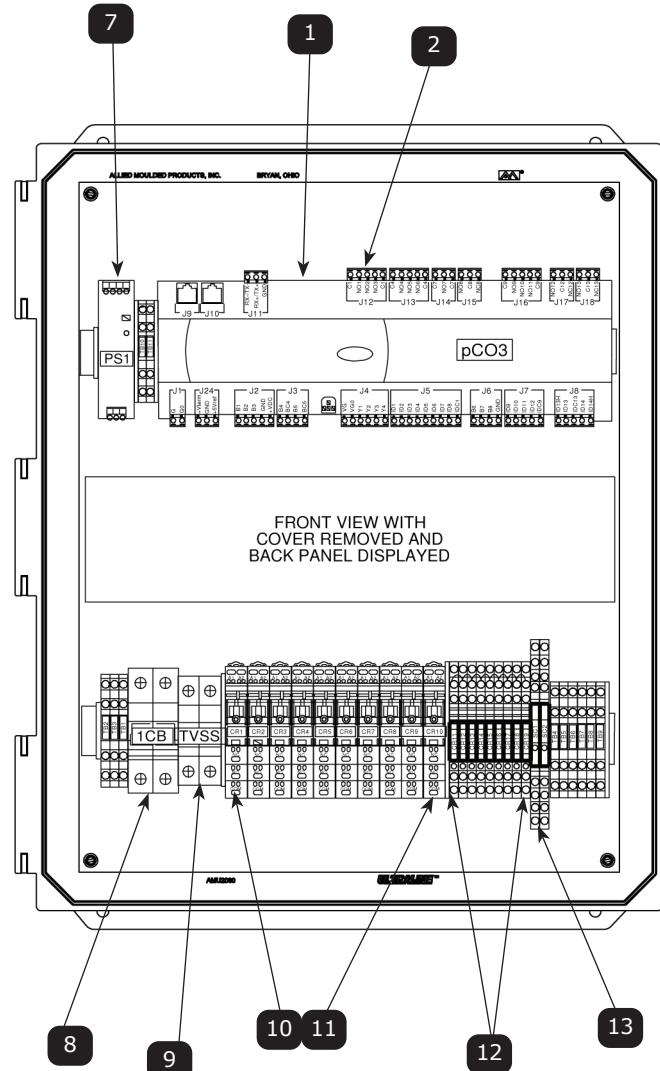
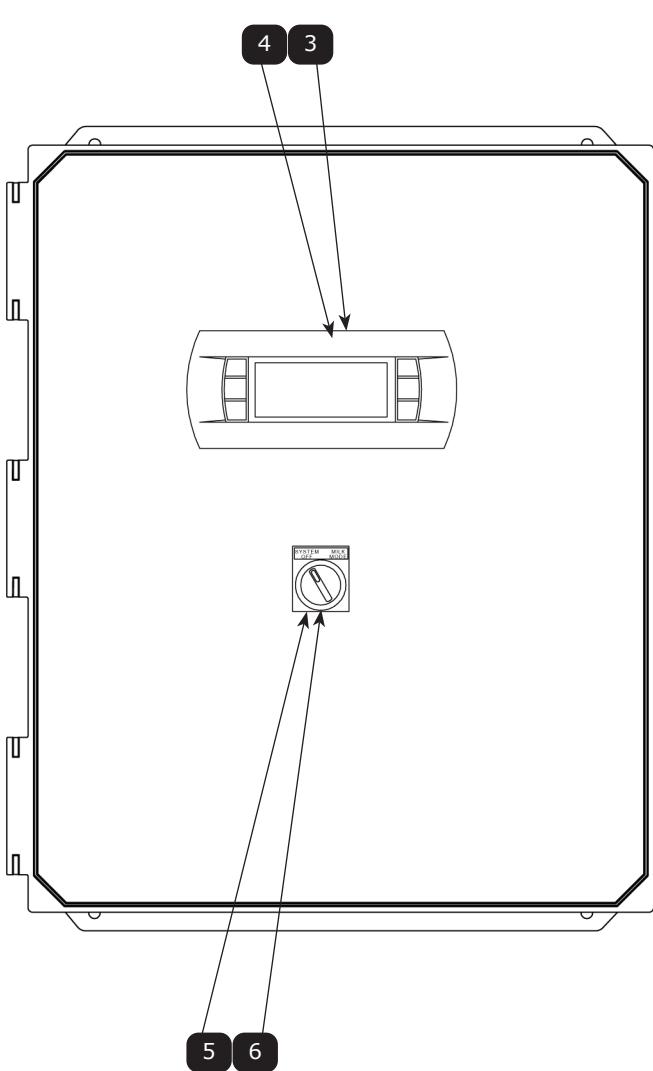
| Item | Part No. | <small>⊗ = OBSOLETE n/s = NOT SHOWN</small> | Description | QTY REQUIRED (a/r=As Required) | | | | | | |
|---------|----------------------|---|---|-----------------------------------|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 4018643 | ⊗ | | Cooler, Plate, M800, 44 Plate | 643 | | | | | | |
| 4022086 | ⊗ | | Cooler, Plate, M1S44 | | 086 | | | | | |
| 4022087 | ⊗ | | Cooler, Plate, M1S34 | | | 087 | | | | |
| 4022088 | ⊗ | | Cooler, Plate, M1S24 | | | | 088 | | | |
| 4022089 | ⊗ | | Cooler, Plate, M3D79 | | | | | 089 | | |
| 4022437 | ⊗ | | Cooler, Plate, M3S79 | | | | | | 437 | |
| 1 | 4018649 | ⊗ | Plate, End, w/1-1/2" Ferrules | 1 | - | - | - | - | - | - |
| | 4022095 | ⊗ | Frame Assy, Front, 4-Hole | - | 1 | 1 | 1 | 1 | - | - |
| | 4022107 | ⊗ | Frame Assy, Front, 3-Hole, MS | - | - | - | - | - | 1 | 1 |
| 2 | 4018650 | ⊗ | Bolt, Swing, Plate Cooler | 6 | - | - | - | - | - | - |
| | 4019988 | ⊗ | Cscr, Hxh, SS, 1/2-13 x 11.5 | - | 6 | 6 | 6 | 6 | - | - |
| | 4019989 | ⊗ | Cscr, Hxh, SS, 1/2-13 x 15 | - | - | - | - | - | 6 | 6 |
| 3 | 4018796 | ⊗ | Pin, Hinge, Swing Bolt | 6 | - | - | - | - | - | - |
| 4 | 4018644 | ⊗ | Plate, Cooler, 4-Hole, w/Gasket | 43 | 43 | 33 | 23 | 75 | 75 | |
| | 4018645 | ⊗ | Plate, Cooler, No-Hole, w/Gasket | 1 | 1 | 1 | 1 | - | - | |
| 5 | 4022124 | ⊗ | Plate, HE, 3-Hole, w/Gasket & Dmn (Represents end plate) | - | - | - | - | - | 1 | 1 |
| 6 | 4018652 | ⊗ | Wshr, SS, .500 x 1.50 x .081 | 6 | - | - | - | - | - | - |
| | 4021047 | ⊗ | Wshr, SS, .522 x 1.12 x .125 | - | 12 | 12 | 12 | 12 | 12 | 12 |
| 7 | 4018651 | ⊗ | Nut, Swing, Plate Cooler | 6 | - | - | - | - | - | - |
| | 4019975 | ⊗ | Nut, Hex, Brass, 1/2-13 x 1.00 Lg | - | 6 | 6 | 6 | 6 | 6 | 6 |
| 8 | 4018648 | ⊗ | Plate, End, Blank | 1 | - | - | - | - | - | - |
| | 4022093 | ⊗ | Frame, HE, Blank Rear | - | 1 | 1 | 1 | - | - | - |
| 9 | 4018646 | ⊗ | Frame Assy, Rear, 3-Hole, MS | - | - | - | - | - | 1 | 1 |
| 10 | 4013714 | ⊗ | Gasket, Sealing, Plate Cooler | 44 | 44 | 34 | 24 | 79 | 79 | |
| | 4022861 ¹ | n/s | Gasket, Plate Cooler, .995 ID | 2 | 4 | 4 | 4 | 3 | 3 | |
| | 4022861 ² | n/s | Gasket, Plate Cooler, .748 ID | 2 | - | - | - | - | - | |
| 11 | 4013730 | n/s | Adhesive, Gasket (Part No. represents 1/2 pint can) | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 12 | 4019489 | ⊗ | Bracket, Mtg, M800 Plate Cooler | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 13 | 4019919 | ⊗ | Block, Pivot | 6 | - | - | - | - | - | - |
| 14 | 4019996 | ⊗ | Rod, Support, HE, OEM, PR51/DE57 | 2 | 2 | 2 | 2 | - | - | |
| | 4019997 | ⊗ | Rod, Support, HE, OEM, DR69/EC80 | - | - | - | - | 2 | 2 | |
| 15 | 4019537 | ⊗ | n/s Label, Milk In | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 16 | 4019538 | ⊗ | n/s Label, Milk Out | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 17 | 4019539 | ⊗ | n/s Label, Coolant In | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | 4019540 | ⊗ | n/s Label, Coolant Out | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 19 | 4019543 | ⊗ | n/s Label, Caution, Plate Cooler | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 20 | 4022099 ² | ⊗ | n/s Plate, HE, 3-Hole, w/Gasket | - | - | - | - | 1 | 1 | |
| 21 | 4022109 ³ | ⊗ | n/s Plate, HE, 1-Hole, w/Gasket & Vent | - | - | - | - | - | 1 | - |
| | 4022439 ³ | ⊗ | n/s Plate, HE, 3-Hole, w/Gskt & Drain | - | - | - | - | - | - | 1 |
| 22 | 4022112 ⁴ | ⊗ | n/s Plate, HE, 3-Hole, w/Gasket & Vent | - | - | - | - | 1 | 1 | |

Note

- All plate numbers listed include 1 gasket, item 9.
- Represents plate number 1 on 4022089 & 4022437.
- Represents plate number 27 on 4022089.
- Represents plate number 53 on 4022089 & 4022437.
- Represents plate number 27 on 4022437.
- Use .995 ID gasket on milk circuit inlet & outlet, use .748 ID gasket on water/coolant circuit inlet & outlet.

ChillGuard™ Control Assembly

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------|-----------------------------|---|-----------------------------------|------|
| | | | | Control Assy, ChillGuard | 0688 |
| 1 | 4041639 | | CONTROL,PCO5, CHILLGUARD | 1 | |
| 2 | 4040690 | | Terminal Blks, PCO3 Medium, Carel | 1 | |
| 3 | 4040691 | | HMI, PGD1, Carel | 1 | |
| 4 | 4040692 | n/s | Cable, HMI, Carel, 4.9 ft | 1 | |
| 5 | 4040698 | | Switch, 2-Position, 22mm | 1 | |
| 6 | 4040699 | n/s | Contact Block, Switch, 2 No. | 1 | |
| 7 | 4040696 | | Power Supply, 100-24VAC, 24VDC | 1 | |
| 8 | 4040695 | | Breaker, Circuit, 2-Pole, 6A | 1 | |
| 9 | 3561554 | | Surge Suppressor, Xient Volt. | 1 | |
| 10 | 4040077 | | Relay, 24VDC, 2/Manual Override | 10 | |
| 11 | 4029151 | | Base, Override, Relay | 10 | |
| 12 | 4040700 | | Relay, 120 VAC | 9 | |
| 13 | 3560789 | ⊗ | Transducer, Temp, Rtd to V or I | 2 | |
| 14 | 3561351 | n/s | Switch, Current, Split-Core, N, 0 (1 switch required for each compressor and pump) | a/r | |
| 15 | 3560811 | n/s | Sensor, Temperature | 2 | |



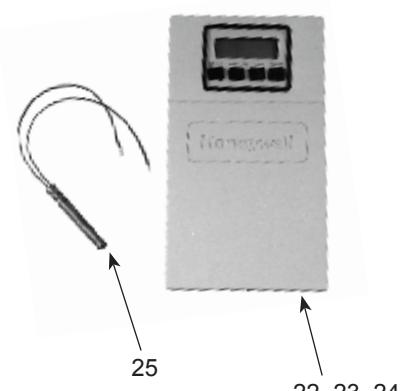
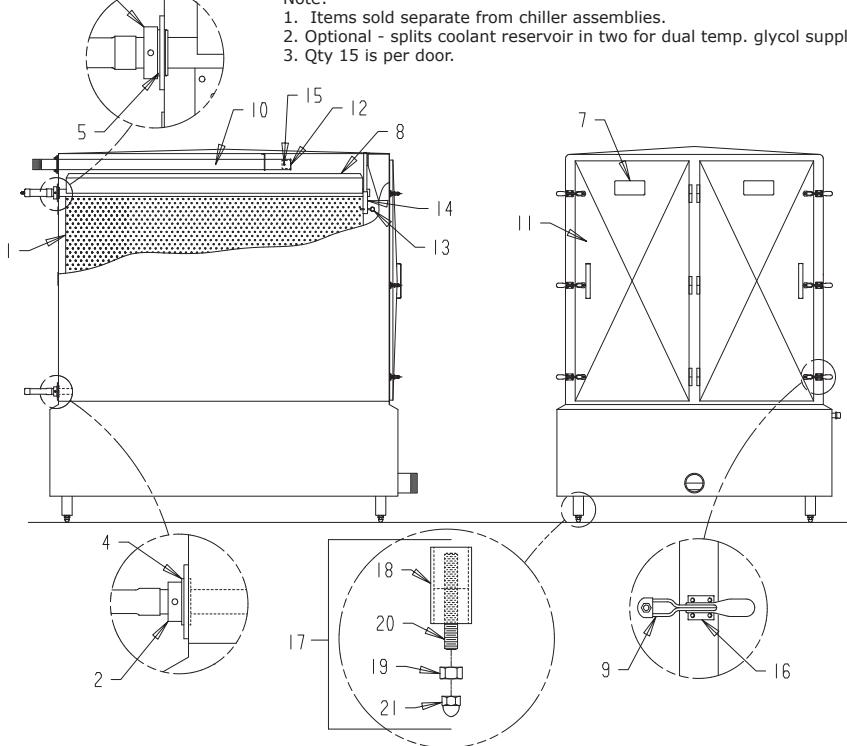
Falling Film Chiller Assemblies using 12 Plate Cabinets 6 thru 12 Plate

SECTION E PAGE 59
EFFECTIVE: 4/5/23

| Item | Part No. | QTY=OBsolete n/s=NOT SHOWN | Description | QTY REQUIRED (a/r=As Required) | | | | | | |
|------|----------------------|-------------------------------|---|-----------------------------------|------|-----|-----|-----|-----|-----|
| | 4021830 | | Chiller Assy, 6 Plate, 280 | 1830 | | | | | | |
| | 4021831 | ⊗ | Chiller Assy, 7 Plate, 280 | | 1831 | | | | | |
| | 4021618 | | Chiller Assy, 8 Plate, 280 | | 1618 | | | | | |
| | 4021832 | ⊗ | Chiller Assy, 9 Plate, 280 | | 1832 | | | | | |
| | 4021619 | | Chiller Assy, 10 Plate, 280 | | 1619 | | | | | |
| | 4021833 | ⊗ | Chiller Assy, 11 Plate, 280 | | 1833 | | | | | |
| | 4021620 | | Chiller Assy, 12 Plate, 280 | | 1620 | | | | | |
| 1 | 4022869 | | Kit, Plate Assy, Evap, Chiller, 5T (Includes 2 thru 5) | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 2 | 4020020 | | Collar Assy, .75 x 1.38 x 2.25 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 3 | 4020021 | | Collar Assy, .75 x 1.69 x 2.75 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 4 | 4020018 | | Wshtr, Nprnr, 1.25 x 2.50 x .12 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 5 | 4020019 | | Wshtr, Nprnr, 1.50 x 2.50 x .12 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| 6 | 4021251 | n/s | Label, Nitrogen Charged | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 7 | 4013600 | | Label, Dari-Kool, 3-1/4 x 7 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 8 | 4020026 | | Trough Assy, 6 Plate | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 9 | 4020028 | | Clamp, Toggle, Horizontal | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 10 | 4021442 | ⊗ | Distribution Pipe Assy | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 11 | 4021179 | | Door Assy, Film Chiller | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 12 | 4021385 | | Cap Assy, End, Dist Pipe | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 13 | 4021286 | | Pin, Clevis, 1/4 Dia, 1.2 Grip | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 14 | 4021194 | | Support Assy, Plate, Chill Cab | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 15 | 4021288 | | Pin, Clevis, 1/4 Dia, 30 Grip | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 16 | 4021259 | | Bracket, Latch, Chill Cabinet | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 17 | 4021262 | | Leg Assy, Chil Cabinet (Includes items 18 thru 21) | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 18 | 4021282 | | Body Assy, Leg, Chill Cabinet | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 19 | 1248358 | | Nut, Hex, Jam, SS, 3/4-10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 20 | 4021283 | | Rod, Threaded, SS, 3/4-10 x 5.5 Lg | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 21 | 1207358 | | Nut, Cap, SS, 3/4-10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 22 | 4021775 ¹ | ⊗ | Controller, Temp, 1 PRB/1 Rly | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 23 | 4021773 ¹ | ⊗ | Controller, Temp, 1 PRB/4 Rly | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 24 | 4021774 ¹ | ⊗ | Controller, Temp, 2 PRB/4 Rly | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 25 | 4021841 ¹ | | Sensor Assy, Elec Temp Cont | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 26 | 4021199 ³ | n/s | Door Gasket, Silicone, 1 x 2 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 27 | 4023653 ² | n/s | Partition Assy, Chill Cabinet | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

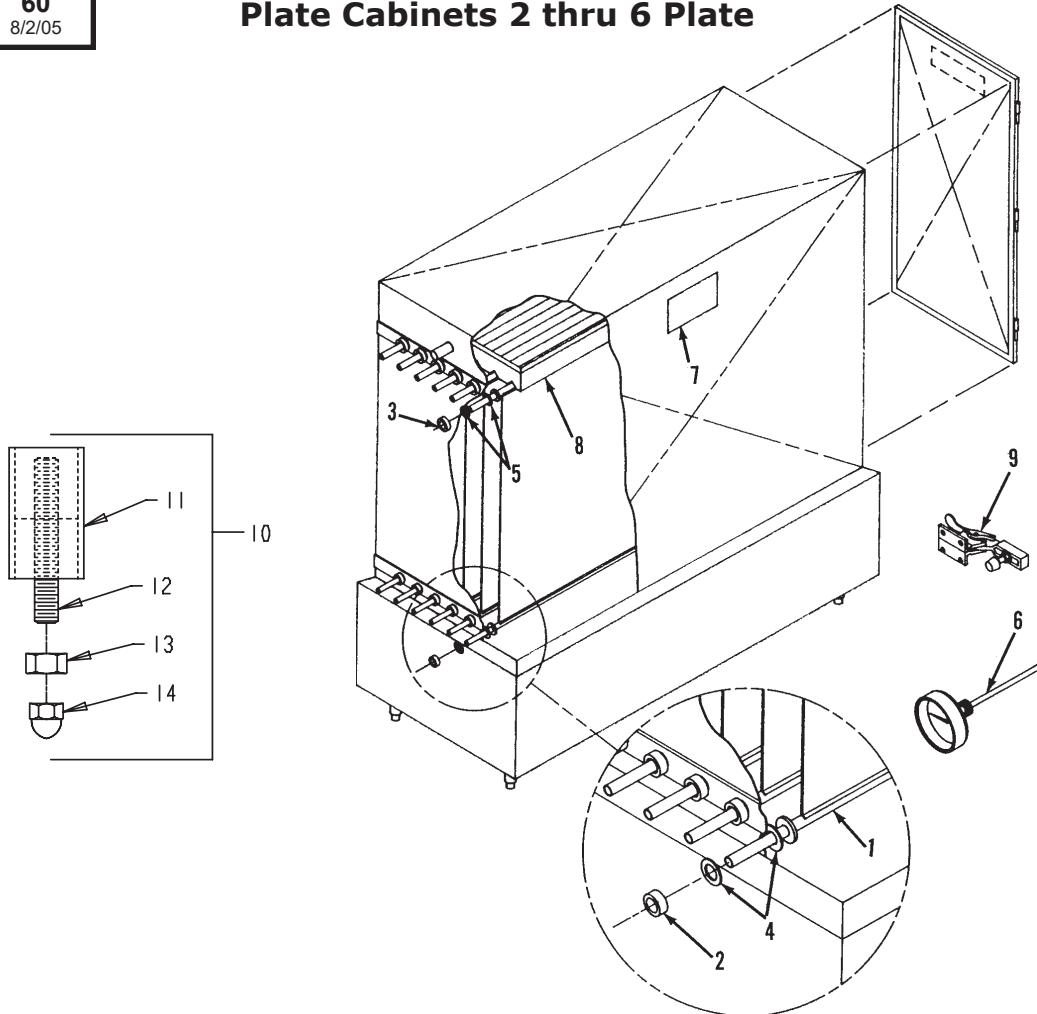
Note:

1. Items sold separate from chiller assemblies.
2. Optional - splits coolant reservoir in two for dual temp. glycol supplies.
3. Qty 15 is per door.



22, 23, 24

Falling Film Chiller Assemblies using 6 Plate Cabinets 2 thru 6 Plate



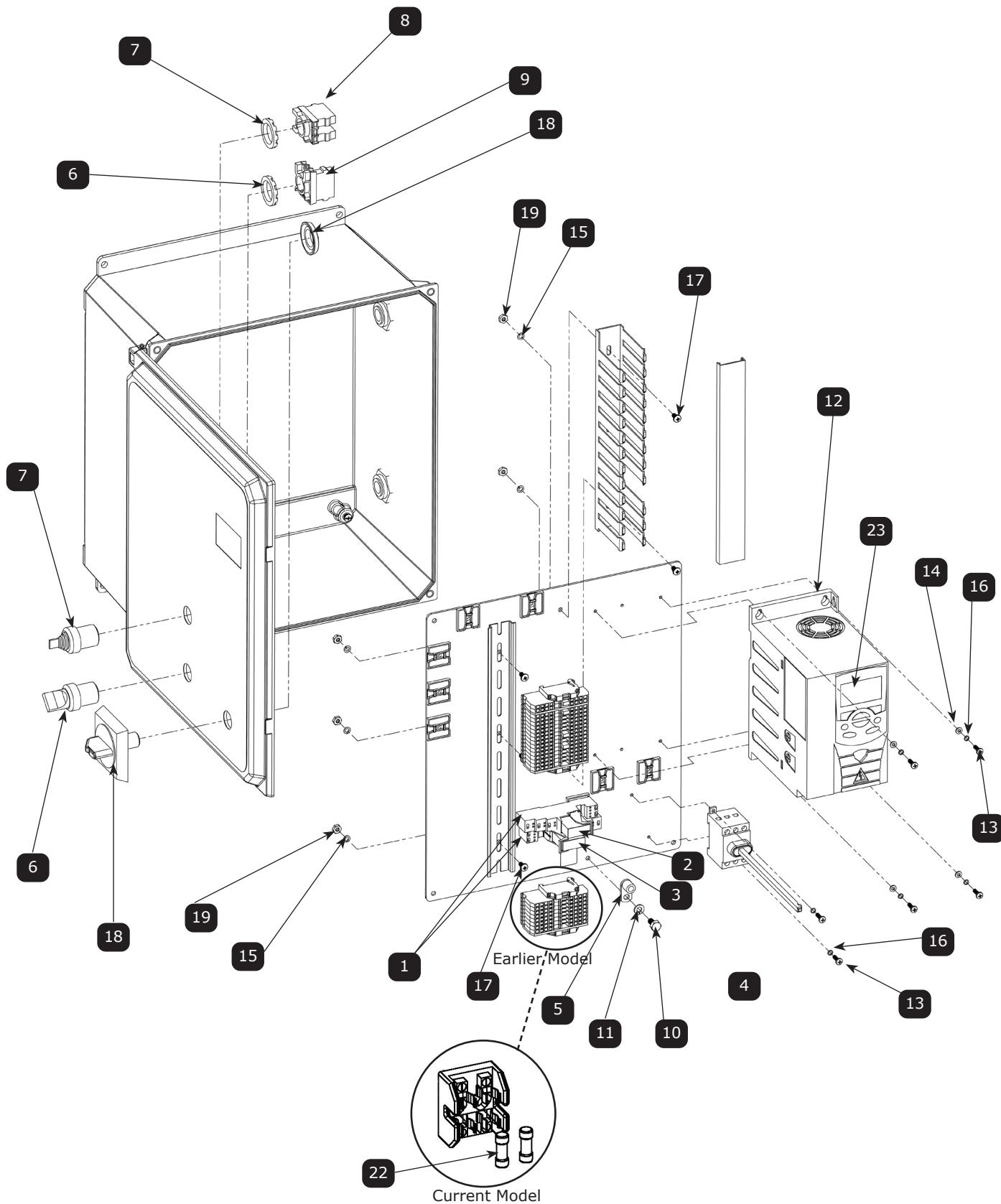
| Item | Part No. | QTY REQUIRED (a/r=As Required) | | | | | | |
|---------|----------|--|--------------|-----------------|-----|-----|-----|--|
| | | | ⊗ = OBSOLETE | n/s = NOT SHOWN | | | | |
| 4019878 | | 878 | | | | | | |
| 4019879 | | 879 | | | | | | |
| 4019880 | | 880 | | | | | | |
| 4019881 | | 881 | | | | | | |
| 4019882 | | 882 | | | | | | |
| 1 | 4022869 | Kit, Plate Assy, Evap, Chiller, 5T <i>(Includes items 2 thru 5)</i> | 2 | 3 | 4 | 5 | 6 | |
| 2 | 4020020 | Collar, SS, .75 x 1.38 x 2.12 | 2 | 3 | 4 | 5 | 6 | |
| 3 | 4020021 | Collar, SS, .75 x 1.69 x 2.81 | 2 | 3 | 4 | 5 | 6 | |
| 4 | 4020018 | Wshtr, Nprn, 1.25 x 2.50 x .12 | 4 | 6 | 8 | 10 | 12 | |
| 5 | 4020019 | Wshtr, Nprn, 1.50 x 2.50 x .12 | 4 | 6 | 8 | 10 | 12 | |
| 6 | 4019621 | ⊗ Thermometer, Bi-Metal | 1 | 1 | 1 | 1 | 1 | |
| 7 | 4013600 | Label, Dari-Kool, 3-1/4 x 7 | 2 | 2 | 2 | 2 | 2 | |
| 8 | 4020022 | ⊗ Trough Assy, 2 Plate | 1 | - | - | - | - | |
| | 4020023 | ⊗ Trough Assy, 3 Plate | - | 1 | - | - | - | |
| | 4020024 | ⊗ Trough Assy, 4 Plate | - | - | 1 | - | - | |
| | 4020025 | ⊗ Trough Assy, 5 Plate | - | - | - | 1 | - | |
| | 4020026 | Trough Assy, 6 Plate | - | - | - | - | 1 | |
| 9 | 4020028 | Clamp, Toggle, Horizontal | 3 | 3 | 3 | 3 | 3 | |
| 10 | 4021262 | Leg Assy, Chill Cabinet <i>(Includes items 11 thru 14)</i> | 4 | 4 | 4 | 4 | 4 | |
| 11 | 4021282 | Body Assy, Leg, Chill Cabinet | 4 | 4 | 4 | 4 | 4 | |
| 12 | 1248358 | Nut, Hex, Jam, SS, 3/4-10 | 4 | 4 | 4 | 4 | 4 | |
| 13 | 4021283 | Rod, Threaded, SS, 3/4-10 x 5.5 Lg | 4 | 4 | 4 | 4 | 4 | |
| 14 | 1207358 | Nut, Cap, SS, 3/4-10 | 4 | 4 | 4 | 4 | 4 | |
| 15 | 4021914 | n/s Tape, Sealing, Black | a/r | a/r | a/r | a/r | a/r | |

Note: For Temp Controllers see pages E29 and E30.

OptiFlo™ CF Control Assembly

**SECTION
E
EFFECTIVE:**

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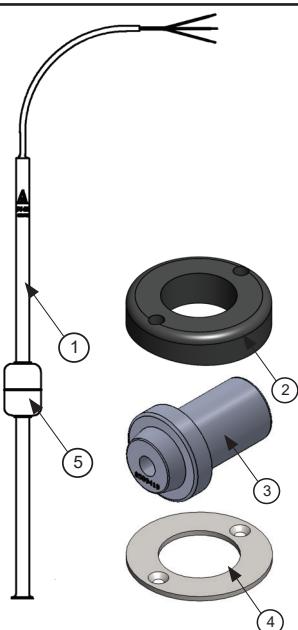
OptiFlo™ CF Control Assembly

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | |
|------|----------------------|-----------------------------|---|-----------------------------------|------|------|------|------|
| | 4040133 | | Ctrl Assy, OFlo, 240V/1ph/2hp | 0133 | | | | |
| | 4040134 | | Ctrl Assy, OFlo, 240V/3ph/2hp | | 0134 | | | |
| | 4040135 | | Ctrl Assy, OFlo, 240V/3ph/5hp | | | 0135 | | |
| | 4040136 | | Ctrl Assy, OFlo, 480V/3ph/1hp | | | | 0136 | |
| | 4040137 | | Ctrl Assy, OFlo, 480V/3ph/3hp | | | | | 0137 |
| | 4040138 | | Ctrl Assy, OFlo, 480V/3ph/5hp | | | | | 0138 |
| 1 | 4029151 | | Base, Over Ride Relay | 2 | 2 | 2 | 2 | 2 |
| 2 | 4040110 | | Relay, 1 C/O, 24 VDC | 1 | 1 | 1 | 1 | 1 |
| 3 | 4040111 | | Relay, 1 C/O, 230 VAC | 1 | 1 | 1 | 1 | 1 |
| 4 | 4040119 | | Disconnect, Non-Fused | 1 | 1 | 1 | 1 | 1 |
| 5 | ----- | | Lug, Ground | 1 | 1 | 1 | 1 | 1 |
| 6 | 4040124 | | Switch, 2 Pos | 1 | 1 | 1 | 1 | 1 |
| 7 | 4040126 | | Switch, 3 Pos, Toggle | 1 | 1 | 1 | 1 | 1 |
| 8 | 4040125 | | Contact, 2-No, W/Holder | 1 | 1 | 1 | 1 | 1 |
| 9 | 4040123 | | Contact, 1-No, W/Holder | 1 | 1 | 1 | 1 | 1 |
| 10 | ----- | | CSCR, HXH, SS, 1/4-20 x 1/2 | 1 | 1 | 1 | 1 | 1 |
| 11 | ----- | | Washer, Lock, HLCL, Spr, SS, 1/4 | 1 | 1 | 1 | 1 | 1 |
| 12 | 4040098 | | Controller, O-Flo CF, 240V/1/2hp | 1 | - | - | - | - |
| | 4040099 | | Controller, O-Flo CF, 240V/3/2hp | - | 1 | - | - | - |
| | 4040100 | | Controller, O-Flo CF, 240V/3/5hp | - | - | 1 | - | - |
| | 4040101 | | Controller, O-Flo CF, 480V/3/1hp | - | - | - | 1 | - |
| | 4040102 | | Controller, O-Flo CF, 480V/3/3hp | - | - | - | - | 1 |
| | 4040103 | | Controller, O-Flo CF, 480V/3/5hp | - | - | - | - | 1 |
| 13 | ----- | | MSCR, PNH, SS, 8-32 x 1/2 | 6 | 6 | 6 | 6 | 6 |
| 14 | ----- | | Washer, Plain, SS, #8 | 4 | 4 | 4 | 4 | 4 |
| 15 | ----- | | Wahser, Lock, HLCL SPR, SS, #10 | 5 | 5 | 5 | 5 | 5 |
| 16 | ----- | | Washer, Lock, HLCL SPR, SS, #8 | 6 | 6 | 6 | 6 | 6 |
| 17 | ----- | | MSCR, PNH, SS, 10-24 x 3/8 | 5 | 5 | 5 | 5 | 5 |
| 18 | 4040117 | | Handle, Disconnect | 1 | 1 | 1 | 1 | 1 |
| 19 | ----- | n/s | Nut, Hex, MSCR, SS, 10-24 | 5 | 5 | 5 | 5 | 5 |
| 20 | 8513975 ¹ | n/s | Probe Assy, 1.5 in., 28 in. (Multi-Float) | a/r | a/r | a/r | a/r | a/r |
| 21 | 8501351 ¹ | n/s | Probe Assy, 1.5 in., 48 in. (Multi-Float) | a/r | a/r | a/r | a/r | a/r |
| 22 | 4040910 | | Fuse, TJS10-1 | - | - | - | 3 | - |
| | 4040911 | | Fuse, TJS15-1 | - | 3 | - | - | 3 |
| | 4040912 | | Fuse, TJS25-1 | - | - | - | - | 3 |
| | 4040913 | | Fuse, TJS30-1 | 2 | - | - | - | - |
| | 4040914 | | Fuse, TJS35-1 | - | - | 3 | - | - |
| 23 | 4040213 | | Key Pad, ACS-CPA-A, O-Flo CF | 1 | 1 | 1 | 1 | 1 |

Note:
1 Repair Parts on C28.

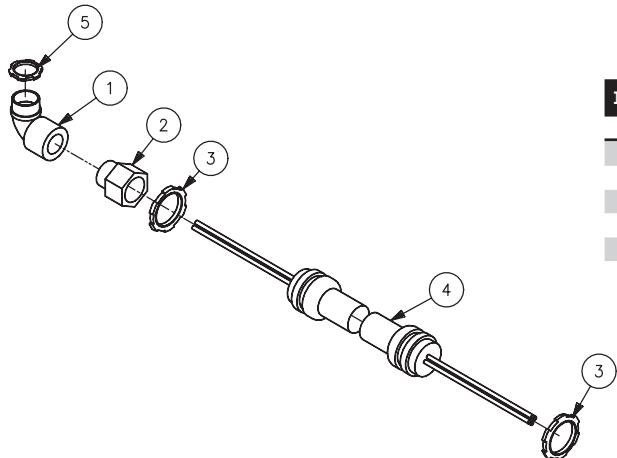
OptiFlo™ CF Float

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|-----|-----|-----|-----|
| | 8586109 | | KIT,PROBE,BGM, 17",3A | 109 | | | | |
| | 8583103 | | KIT,PROBE,FLOAT,2FT,3A | | 103 | | | |
| | 8582947 | | KIT,PROBE,FLOAT,3 FT,3A | | | 947 | | |
| | 8582948 | | KIT,PROBE,FLOAT,4 FT,3A | | | | 948 | |
| | 8582949 | | KIT,PROBE,FLOAT,6 FT,3A | | | | | 949 |
| | 8582950 | | KIT,PROBE,FLOAT,9 FT,3A | | | | | 950 |
| 1 | 8586108 | | PROBE,FLOAT,BGM, 17", 3A | 1 | - | - | - | - |
| | 8583778 | | PROBE,FLOAT,2 FT,3A | - | 1 | - | - | - |
| | 8583774 | | PROBE,FLOAT,3 FT,3A | - | - | 1 | - | - |
| | 8583775 | | PROBE,FLOAT,4 FT,3A | - | - | - | 1 | - |
| | 8583776 | | PROBE,FLOAT,6 FT,3A | - | - | - | - | 1 |
| | 8583777 | ⊗ | PROBE,FLOAT,9 FT,3A | - | - | - | - | 1 |
| 2 | 8586105 | | HOLDER,PROBE,OPTIFLO CF,BGM | 1 | - | - | - | - |
| 3 | 8582883 | ⊗ | HOLDER,PROBE,CONTINUOUS FLOW | 1 | 1 | 1 | 1 | 1 |
| | 8589419 | | HOLDER,PROBE,CONTINUOUS FLOW | 1 | 1 | 1 | 1 | 1 |
| 4 | 8586107 | | CLAMP,PROBE HOLDER,BGM OPTIFLO | 1 | - | - | - | - |
| 5 | 8594964 | | FLOAT,PROBE,OPTIFLO CF | 1 | 1 | 1 | 1 | 1 |



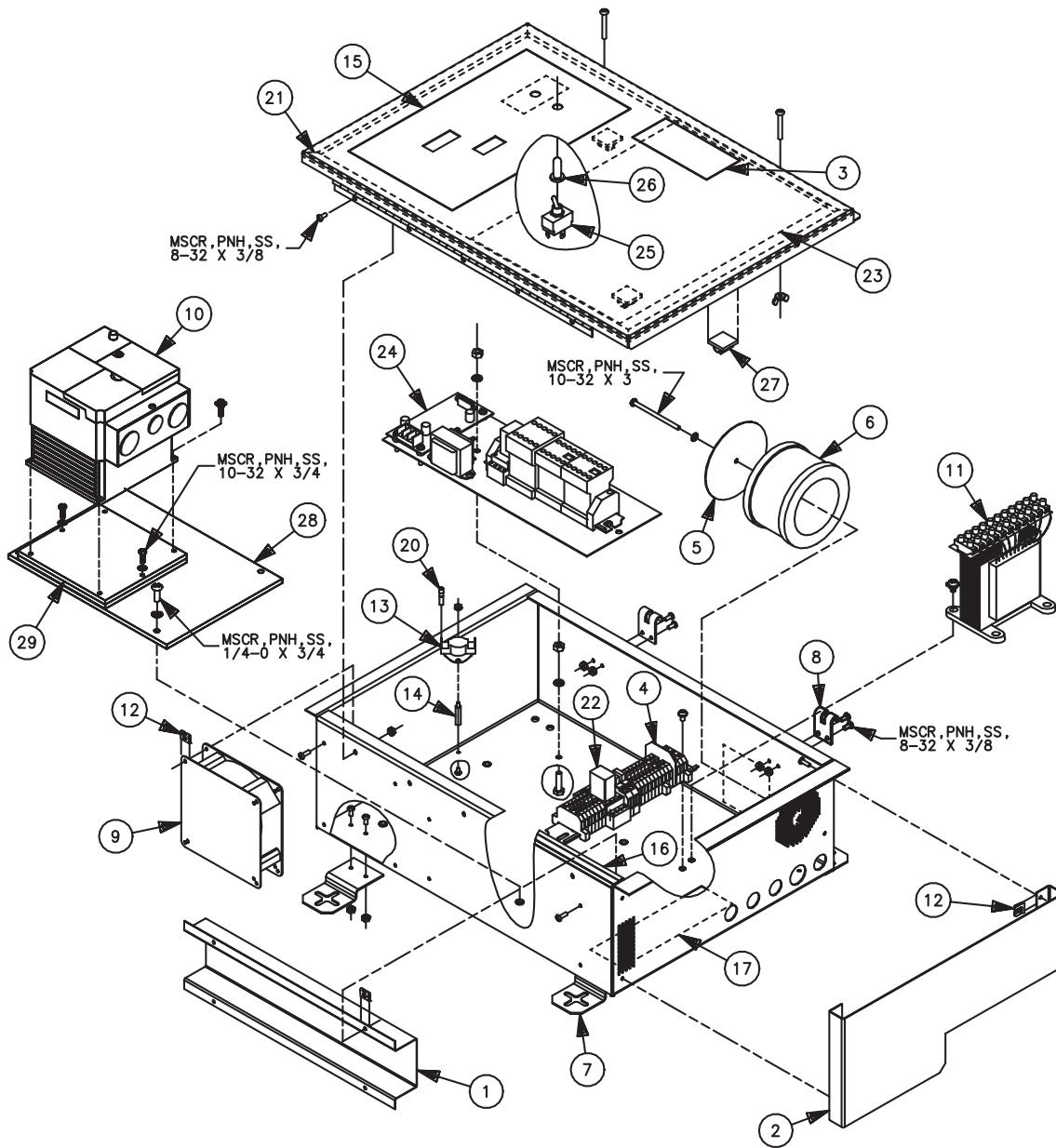
Opti-Flo Cable Kit

| | |
|-----------------------|-------------------|
| SECTION E | PAGE 63 |
| EFFECTIVE: 7/29/16 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------------|-----------------------------------|
| | 4024058 | Kit, Cable EMI, Opti-Flo | - |
| 1 | 4024059 | Conn. Box, .50 Conduit x 90 DEG | 1 |
| 2 | 4024061 | Reducer Coupling, 3/4 FEM x 1/2 M | 1 |
| 3 | 8509291 | Nut, Lock, Conduit, 3/4 NPT, STL | 2 |
| 4 | 8509305 | Cable Assy, VSD, 14 GA, 15' | 1 |
| 5 | 8513814 | Nut, Lock, Conduit, 1/2 NPT, STL | 1 |

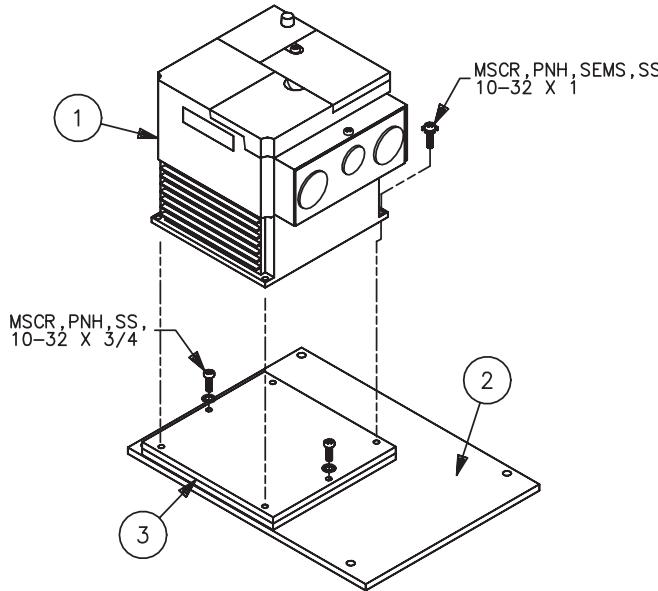
Opti-Flo III



Opti-Flo III (Cont.)

| Item | Part No. | ⊗ = OBSOLETE n/s = NOT SHOWN | Description | QTY REQUIRED (a/r=As Required) | | | |
|------|-----------|---------------------------------|---|-----------------------------------|-----|-----|-----|
| | 4024552 | ⊗ | Control Assy, 208-240V, Opti-Flo | 552 | | | |
| | 4024553 | ⊗ | Control Assy, 208-240V, w/Bypass | 553 | | | |
| | 4024554 | ⊗ | Control Assy, 380/460V, Opti-Flo | | 554 | | |
| | 4024555 | ⊗ | Control Assy, 380/460V, w/Bypass | | | 555 | |
| 1 | 8501362 | ⊗ | Duct, Fan, Opti-Flo II | 1 | 1 | 1 | 1 |
| 2 | 8501372 | ⊗ | Cover, Bottom, Opti-Flo II | 1 | 1 | 1 | 1 |
| 3 | 8504733 | | Label, Warning, Electrical | 1 | 1 | 1 | 1 |
| 4 | 8501364 | | Term Block Assy, Opti-Flo II | 1 | 1 | 1 | 1 |
| 5 | 8501360 | | Clamp, Filter, Opti-Flo II | 1 | 1 | 1 | 1 |
| 6 | 8511747 | | Filter, Air, 4.38 Dia x 2.38 | 1 | 1 | 1 | 1 |
| 7 | 8501361 | | Foot, Hanger, Opti-Flo II | 4 | 4 | 4 | 4 |
| 8 | 8501363 | | Keeper, Latch, Opti-Flo II | 2 | 2 | 2 | 2 |
| 9 | 8501368 | | Blower, 28 CFM, 230V, Opti-Flo II | 1 | 1 | 1 | 1 |
| 10 | 4024594 | ⊗ | Control Milkpump, Field Repl (shown) | 1 | 1 | - | - |
| | 4024783 | ⊗ | Control Milkpump, Fld.Repl, 460V | - | - | 1 | 1 |
| 11 | 8501846 | | XFMR, Step-down, 230 VAC Output | - | - | 1 | 1 |
| 12 | 3551467 | | Nut, Speed, SS, #8 | 12 | 12 | 12 | 12 |
| 13 | 8501847 | | Switch, Thermal, Opti-Flo II | 1 | 1 | 1 | 1 |
| 14 | 3553436 | ⊗ | Standoff, Hex, Brs, 6-23 x 1.00 | 2 | 2 | 2 | 2 |
| 15 | 8504169 | ⊗ | Label, Cover, Opti-Flo III | 1 | 1 | 1 | 1 |
| 16 | 4016780 | | Trim, Seal, Flexible | a/r | a/r | a/r | a/r |
| 17 | 8501883 | ⊗ | Label, Wiring, Term Blk Assy | 1 | 1 | 1 | 1 |
| 18 | 4024558 | ⊗ n/s | Filter, EMI, 3PH Input, Opti-Flo III | 1 | 1 | 1 | 1 |
| 19 | 4024559 | ⊗ n/s | Filter, EMI, 3PH Output, Opti-Flo III | 1 | 1 | 1 | 1 |
| 20 | 8505763 | | Term, Disc, Fem, 22-18, 1/4 Full | 1 | 1 | 1 | 1 |
| 21 | 8501370 | ⊗ | Gasket, Cover, Opti-Flo II | 1 | 1 | 1 | 1 |
| 22 | 8501367 | | Relay, 4 PDT, 240 V, 3a, Opti-Flo II | 1 | 1 | 1 | 1 |
| 23 | 4024550 | ⊗ | Label, Wiring Dia, 208-240V, Opti-Flo III | 1 | - | - | - |
| | 4024673 | ⊗ | Label, Wiring Dia, 208-240V, Bypass | - | 1 | - | - |
| | 4024675 | ⊗ | Label, Wiring Dia, 380/460V, Opti-Flo III | - | - | 1 | - |
| | 4024676 | ⊗ | Label, Wiring Dia, 380/460V, Bypass | - | - | - | 1 |
| 24 | 4024851 | ⊗ | Bypass Assy, Opti-flo III (Parts on page E-68) | - | 1 | - | 1 |
| 25 | 1980909 | | Switch, Toggle, DPDT, On-None-On | - | 1 | - | 1 |
| 26 | 3551793 | | Seal, Toggle Switch | - | 1 | - | 1 |
| 27 | 1914002 | | Clamp, Cable, 3/8 Dia, Adh | - | 3 | - | 3 |
| 28 | 4024472 | ⊗ | Plate, Mounting, Opti-Flo III | 1 | 1 | 1 | 1 |
| 29 | 4024473 | ⊗ | Plate, Spacer, Opti-Flo III | 2 | 2 | - | - |
| 30 | - - - - - | | Literature 9E-833 (Installation instructions) | ref | ref | ref | ref |

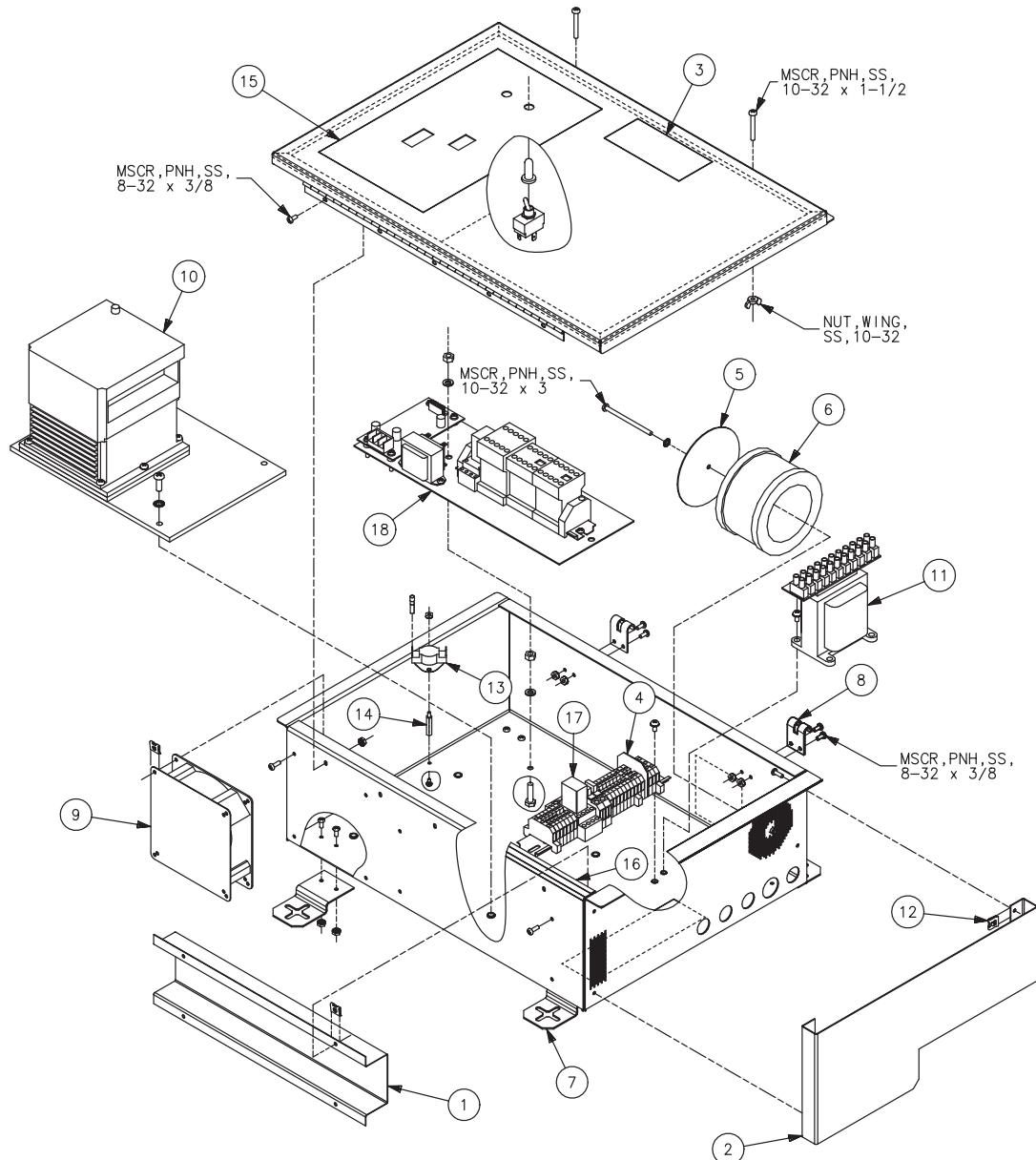
Opti-Flo II ABB Replacement Kits



| Item | Part No. | ⊗ = OBSOLETE n/s = NOT SHOWN | Description | Quantity Required |
|------|-----------|---------------------------------|--|-------------------|
| | 4024556 | ⊗ | Kit, Magnetek Replace ABB, 230V | 556 |
| | 4024557 | ⊗ | Kit, Magnetek Repl ABB, 380-460V | 557 |
| 1 | 4024594 | ⊗ | Control, Milkpump, Field Repl | 1 |
| | 4024783 | ⊗ | Control, Milkpump, Fld.Repl, 460V | - 1 |
| 2 | 4024472 | ⊗ | Plate, Mounting, Opti-Flo III | 1 1 |
| 3 | 4024473 | ⊗ | Plate, Spacer, Opti-Flo III | 2 2 |
| | 4024558 | ⊗ n/s | Filter, EMI, 3PH Input, Opti-Flo III | 1 1 |
| 5 | 4024550 | ⊗ | Label, Wiring Dia, 208-240V, Opti-Flo III | 1 - |
| | 4024675 | ⊗ | Label, Wiring Dia, 380-460V, Opti-Flo III | - 1 |
| 6 | - - - - - | | Literature 9E-832 (Installation instructions) | ref ref |

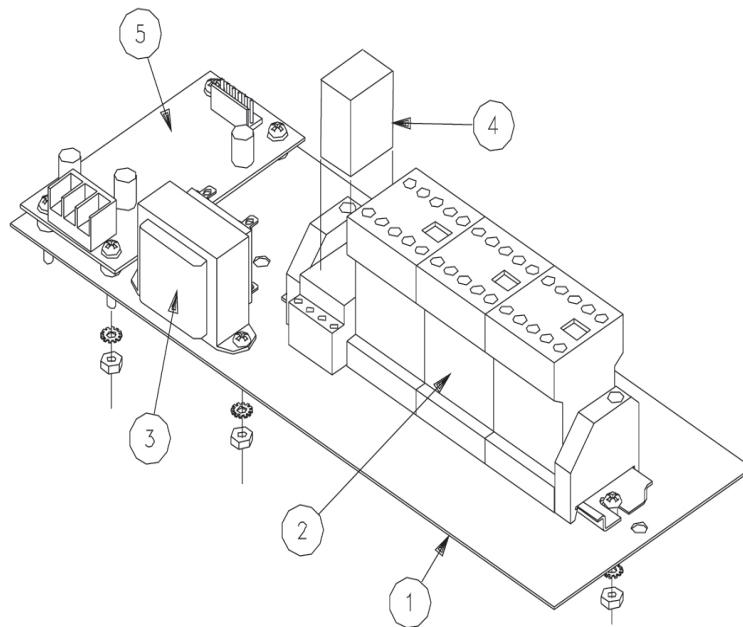
Opti-Flo II

| | |
|-----------------------|-------------------|
| SECTION E | PAGE 65 |
| EFFECTIVE: 9/28/05 | |



| Item | Part No. | Description | Quantity Required | | |
|---------|----------|---|-------------------|------|--|
| 8501399 | ⊗ | Enclosure Assy, Opti-flo II, High Volt | 1399 | - | |
| 4024252 | ⊗ | Control Assy, 360/480V, w/Bypass | 4252 | - | |
| 8501845 | ⊗ | Enclosure Assy, Opti-flo II, Low Volt | - | 1845 | |
| 4024251 | ⊗ | Control Assy, 207-240V, w/Bypass | - | 4251 | |
| 1 | 8501362 | ⊗ Duct, Fan, Opti-Flo II | 1 | 1 | |
| 2 | 8501372 | ⊗ Cover, Bottom, Opti-Flo II | 1 | 1 | |
| 3 | 4016123 | Label, Warning, Disconnect Power | 1 | 1 | |
| 4 | 4016123 | Term Block Assy, Opti-Flo II | 1 | 1 | |
| 5 | 8501360 | Clamp, Filter, Opti-Flo II | 1 | 1 | |
| 6 | 8511747 | Filter, Air, 4.38 Dia x 2.38 | 1 | 1 | |
| 7 | 8501361 | Foot, Hanger, Opti-Flo II | 4 | 4 | |
| 8 | 8501363 | Keeper, Latch, Opti-Flo II | 2 | 2 | |
| 9 | 8501368 | Blower, 28 CFM, 230V, Opti-Flo II | 1 | 1 | |
| 10 | 4024557 | ⊗ Kit, Magnetek Repl ABB, 380/460V | 1 | - | |
| | 4024556 | ⊗ Kit, Magnetek Replace ABB, 230V (shown) | - | 1 | |
| 11 | 8501846 | XFMR, Step-down, 230 VAC Output | 1 | - | |
| 12 | 3551467 | Nut, Speed, SS, #8 | 12 | 12 | |
| 13 | 8501847 | Switch, Thermal, Opti-Flo II | 1 | 1 | |
| 14 | 3553436 | ⊗ Standoff, Hex, Brs, 6-23 x 1.00 | 2 | 2 | |
| 15 | 8501782 | ⊗ Label, Cover, Opti-Flo II | 1 | 1 | |
| 16 | 4016780 | Trim, Seal, Flexible | a/r | a/r | |
| 17 | 8501367 | Relay, 4 PDT, 240 V, 3a, Opti-Flo II | 1 | 1 | |
| 18 | 8501886 | ⊗ Bypass Assy, Opti-flo II (Parts on page E-68) | a/r | a/r | |

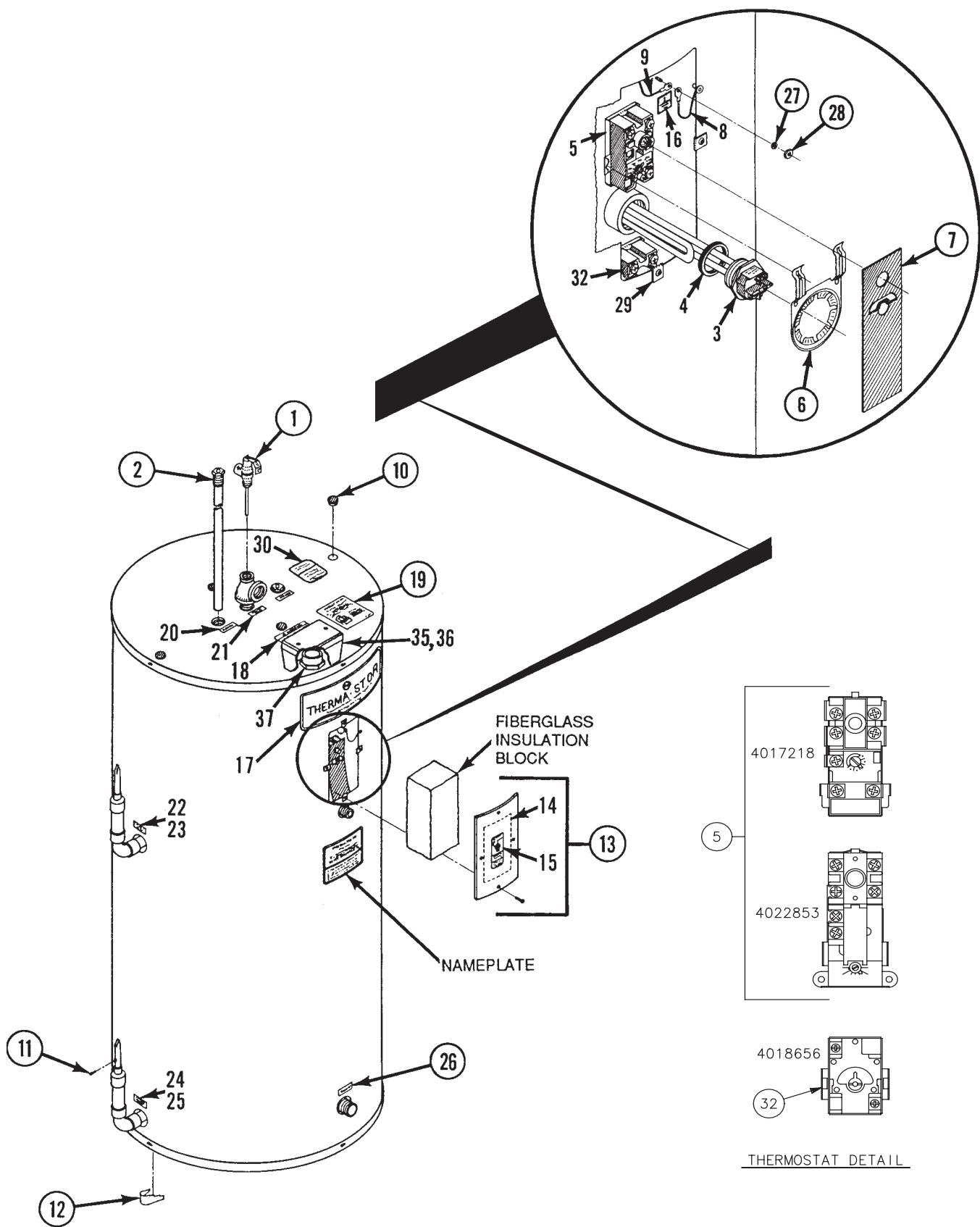
Bypass Assembly, Opti-Flo II and III



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|-----------|---------------------------------------|-----------------------------------|------|------|
| | 8501886 | ⊗ Bypass Assy, Opti-Flo II | 1886 | | |
| | 4024850 | ⊗ Bypass Assy, Opti-Flo II | | 4850 | |
| | 4024851 | ⊗ Bypass Assy, Opti-Flo III | | | 4851 |
| 1 | 8501369 | Bracket, Mtg, Bottom, Opti-Flo II | 1 | 1 | 1 |
| 2 | 8502572 | Term Blk Ass, Bypass, Opti-Flo II | 1 | 1 | 1 |
| 3 | 8514091 | Xfmr, 230V, 26V, 50/60 Hz | 1 | - | - |
| | 8513443 | Xfmr, 115/230V, 12/24, 50/60 Hz | - | 1 | 1 |
| 4 | 8501367 | Relay, 4 PDT, 240V, 3A, Opti-Flo II | 1 | 1 | 1 |
| 5 | 8513985 | Pwb Assy, Lig Level Timer | 1 | 1 | 1 |
| 6 | 8516826 | n/s Switch, toggle, DPDT, VDE | 1 | - | - |
| | 1980909 | n/s Swtich, toggle, DPDT, On-Off-On | - | 1 | 1 |
| 7 | 3551793 | n/s Seal, toggle-switch | - | 1 | 1 |
| 8 | 8502571 | ⊗ n/s Label, Wiring, ByPass, 208-240V | - | 1 | - |
| 9 | 8502346 | ⊗ n/s Label, Wiring, ByPass, 360/480V | - | 1 | - |
| 10 | 4024673 | ⊗ n/s Label, Wiring, ByPass, 208-240V | - | - | 1 |
| 11 | 4024676 | ⊗ n/s Label, Wiring, ByPass, 360/480V | - | - | 1 |
| 12 | - - - - - | Lit 9E-778 | REF | - | - |

**Therma-Stor Model III Therma-Stor Model
III-120-2 Dari-Kool III-120-2**

| | |
|----------------------|-------------------|
| SECTION E | PAGE 67 |
| EFFECTIVE: 1/1/02 | |



Therma-Stor Model III Therma-Stor Model III-120-2 Dari-Kool III-120-2 (Cont.)

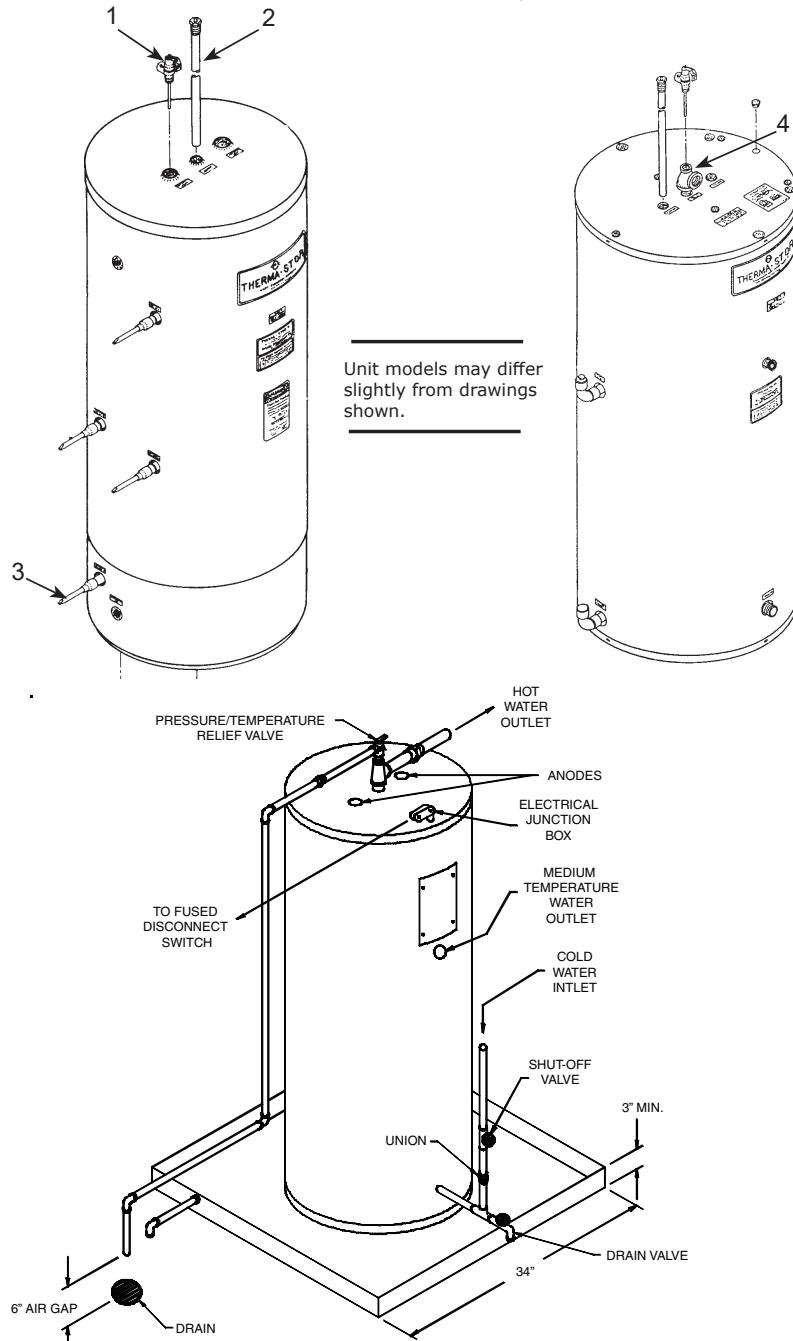
| Item | Part No. | ⊗=OBSCLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=As Req. | | |
|------|------------------------|-----------------------------|--|--------------------------|-----|-----|
| | 4016087 | ⊗ | Therma-Stor, Model III | 087 | | |
| | 4016547 | | Therma-Stor III-120-2 | 547 | | |
| | 4016975 | | Dari-Kool III-120-2 | 975 | | |
| 1 | 4020716 | | Valve, Temp/Press Rlf, 120/150 | - | 1 | 1 |
| | 4016022 | | Valve, Temp/Press Rlf, 120/150 | 1 | - | - |
| 2 | 4016011 | | Anode, Htr, Magnesium, 56" (shown) | 1 | 2 | 2 |
| | 4016054 | | Anode, Htr, Magnesium, 58", Lnkd | 1 | 2 | 2 |
| 3 | 4016064 | | Heating Element, Water, 4500W | 1 | 1 | - |
| | 4017665 ¹ | | Heating Element, Water, 6000W | 1 | 1 | 1 |
| | (Each includes item 4) | | | | | |
| 4 | 4016130 | ⊗ | Gasket, Heating Element | 1 | 1 | 1 |
| 5 | 4017218 ³ | ⊗ | Thermostat, 120-180 F | 1 | 1 | - |
| | 4022853 ³ | | Thermostat, 120-180 F | 1 | 1 | 1 |
| 6 | 4016368 | ⊗ | Plate, Thermostat | 1 | - | - |
| | 4016537 | | Bracket, Thermostat, T-S III | - | 1 | 2 |
| 7 | 4016140 | ⊗ | Insulator, Thermostat | 1 | 1 | - |
| | 4018654 | ⊗ | Insulator, Thermostat | 1 | 2 | - |
| 8 | 4016371 | ⊗ | Wire Assy, 10 Ga, Grn, Strd, 6.00 | 1 | 1 | 1 |
| 9 | 4016372 | ⊗ | Wire Assy, Ground | 1 | - | - |
| | 4016540 | ⊗ | Wire Assy, 10 Ga, Grn, Strd, 18.50 | - | 1 | 1 |
| 10 | 8560272 | | Plug, Int, Plstc, 1.12 | 4 | 4 | 4 |
| 11 | 4012390 | | Valve Assy, w/Core, 1/4Sldr | 1 | - | - |
| 12 | 4016016 | ⊗ | Foot, Leveling | 3 | 1 | 1 |
| 13 | 4016244 | ⊗ | Cover Assy, Jacket (Includes items 14 & 15) | 1 | - | - |
| | 4016549 | ⊗ | Cover Assy, Thermo, TS-III (Includes item 14) | - | 1 | 1 |
| 14 | 4016243 | ⊗ | Label, Wiring Diag, T/S 3 | 1 | - | - |
| | 4017984 | ⊗ | Label, Wiring Diag | - | 1 | 1 |
| 15 | 4016123 | | Label, Caution, Disconnect-Power | 1 | - | - |
| 16 | 8505776 | | Label, Ground, International | 1 | 1 | 1 |
| 17 | 4014730 | ⊗ | Label, Therma-Stor HRS | 1 | 1 | - |
| | 4018255 | ⊗ | Label, Dari-Kool, Thermo-Stor | - | - | 1 |
| 18 | 4016122 | ⊗ | Label, Warning, Fill-Tank | 1 | 1 | - |
| 19 | 4016124 | ⊗ | Label, Warning, Relief-Valve | 1 | 1 | 1 |
| 20 | 4016025 | ⊗ | Label, Anode | 1 | 2 | 2 |
| 21 | 4016026 | ⊗ | Label, Relief-Valve | 1 | - | - |
| | 4016028 | ⊗ | Label, Hot-Water Out | - | 1 | 1 |
| 22 | 4016043 | ⊗ | Label, Gas In 1 | 1 | 1 | 1 |
| 23 | 4016044 | ⊗ n/s | Label, Gas In 2 | 1 | 1 | 1 |
| 24 | 4016047 | ⊗ | Label, Gas Out 1 | 1 | 1 | 1 |
| 25 | 4016048 | ⊗ n/s | Label, Gas Out 2 | 1 | 1 | 1 |
| 26 | 4016251 | ⊗ | Label, Pwr-Off Before Draining | 1 | - | - |
| | 4016027 | ⊗ | Label, Cold-Water In | - | 1 | 1 |
| 27 | 1235384 | | Washer, Lock, Intl-T, SS, #10 | 2 | 2 | 2 |
| 28 | 1204379 | | Nut, Hex, Mscr, SS, 10-24 | 1 | 1 | 1 |
| 29 | 3551200 | | Nut, Speed, #8 | 4 | 4 | 4 |
| 30 | 4017433 | ⊗ | Label, Caution, Relief Valve | - | 1 | 1 |
| 31 | ----- | | | | | |
| 32 | 4018656 | ⊗ | Thermostat, 110-170 F, T/S | - | 1 | - |
| | 4022854 | ⊗ | Thermostat, SPST, 110-170 F | - | - | 1 |
| 33 | ----- | | Literature SP-140 (Installation Instructions) | ref | ref | - |
| 34 | ----- | | Literature SP-141 (Owner's Instructions) | ref | ref | - |
| 35 | 4016851 | ⊗ | Box, Junction, Moisture-Proof | - | 1 | 1 |
| 36 | 4016852 | ⊗ | Cover, Junction Box, 2.00 x 4.00 | - | 1 | 1 |
| 37 | 4016116 | ⊗ | Connector, Compression, 1/2 | - | 1 | 1 |
| 38 | 4020300 | ⊗ n/s | Tape, Insul, Foam, .50 x .50 | - | a/r | a/r |
| 39 | ----- | | Literature 1E-138 (Installation instructions) | - | - | ref |
| 40 | ----- | | Literature 1P-137 (Owners Instructions) | - | - | ref |

Note

1. Refer to nameplate to ensure proper wattage heating element is used.
2. Use insulator 4018654 as replacement only when thermostats 4017218 and/or 4018656 are present.
3. Thermostat 4017218 used only on units manufactured prior to 1990.
Thermostat 4022853 used only on units manufactured during or after 1990.

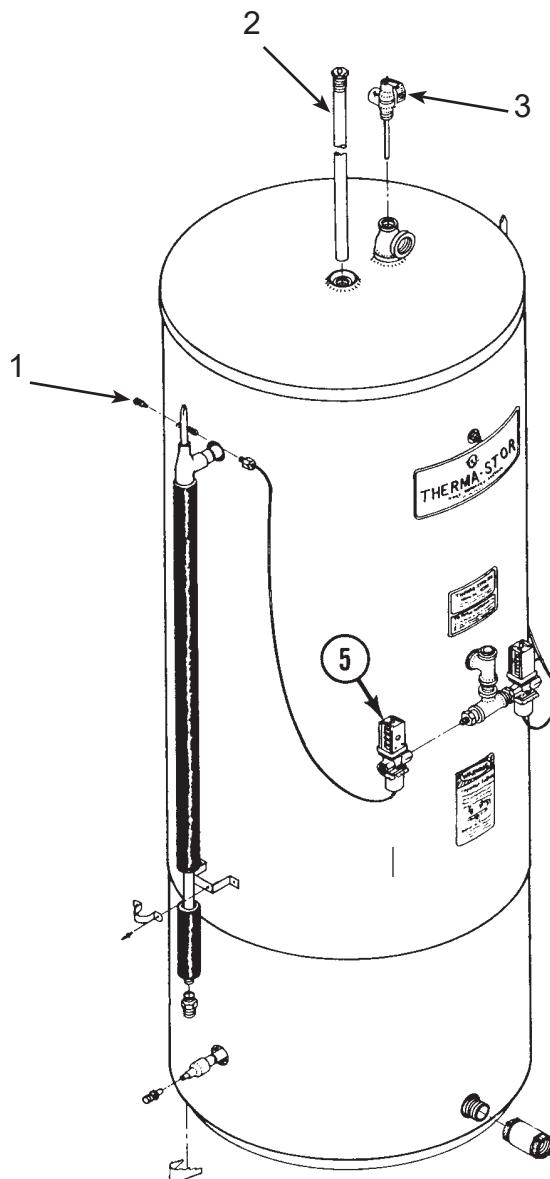
**Therma-Stor Models II, II-120-2-A, II-80-A
& II-120-4 Dari-Kool Model II-120-2-A**

| | |
|-----------------------|-------------------|
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| EFFECTIVE: 1/23/12 | |



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | |
|------|----------|-----------------------------|--------------------------------------|-----------------------------------|------|------|------|------|------|
| | 4016000 | ⊗ | Therma-Stor, Model II | 6000 | | | | | |
| | 4018910 | | Therma-Stor II-120-2-A | | 8910 | | | | |
| | 4019026 | | Dari-Kool II-120-2-A | | | 9026 | | | |
| | 4018875 | | Dari-Kool II-80-1-A | | | | 8875 | | |
| | 4032930 | | Therma-Stor II-80-2 | | | | | 2930 | |
| | 4031531 | | Therma-Stor II-120-4 | | | | | | 1531 |
| 1 | 4016022 | | Valve, Temp/Press Rlf, 210/150 | 1 | - | - | - | - | - |
| | 4020716 | | Valve, Temp/Press Rlf, 210/150 | - | 1 | 1 | 1 | - | - |
| | 4031836 | | Valve, Temp/Press Rlf, 210/150 | - | - | - | - | 1 | 1 |
| 2 | 4016011 | | Anode, Htr, Magnesium, 56" (shown) | 2 | 2 | 2 | 2 | 2 | 1 |
| or | 4016054 | | Anode, Htr, Magnesium, 58", Lnd | 2 | - | - | 2 | 2 | 1 |
| 3 | 4012390 | | Valve Assy, w/Core, 1/4 Sldr | 2 | - | - | - | - | - |
| 4 | 1407752 | | Tee, Rdcr, Galv, 1-1/4 x 3/4 x 1-1/4 | - | 2 | 1 | - | - | - |

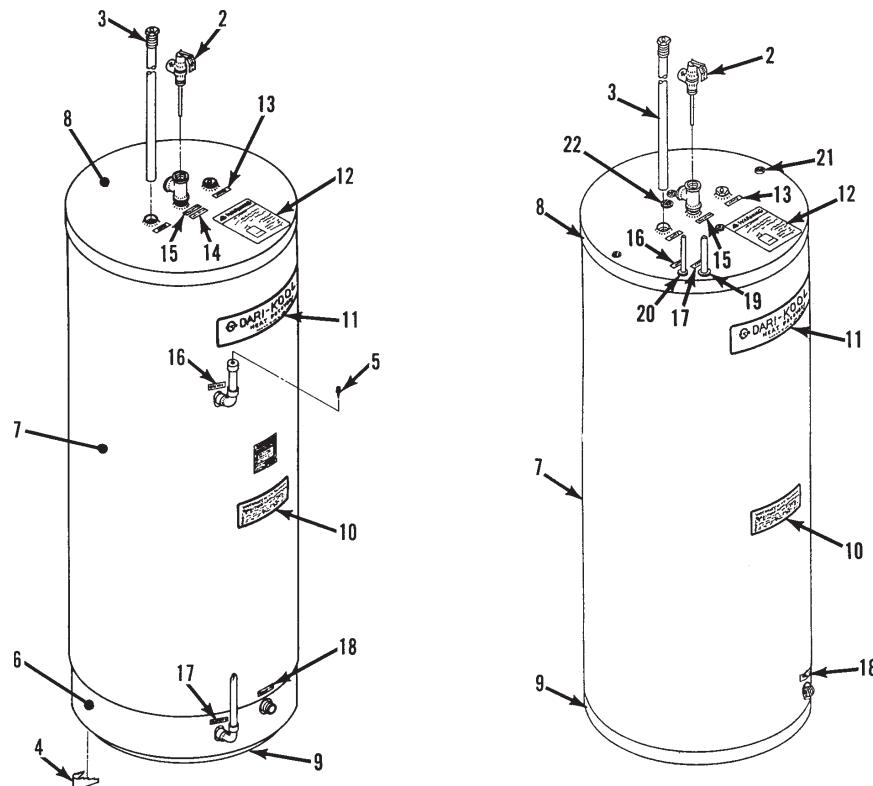
Therma-Stor Models 100 & 170



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------|-----------------------------|------------------------------------|-----------------------------------|---|
| | 4014320 | ⊗ | Therma-Stor 100 (ROG only) | 4320 | |
| | 4014540 | ⊗ | Therma-Stor 170 (ROG only) (shown) | 4540 | |
| 1 | 4027130 | | Valve, Access, .25 | 2 | 4 |
| 2 | 4016011 | | Anode, Htr, Magnesium, 56" (shown) | 1 | 1 |
| or | 4016054 | | Anode, Htr, Magnesium, 58", Lnk'd | 1 | 1 |
| 3 | 4014097 | | Valve, Temp/Press Rlf, 210/75 | 1 | 1 |

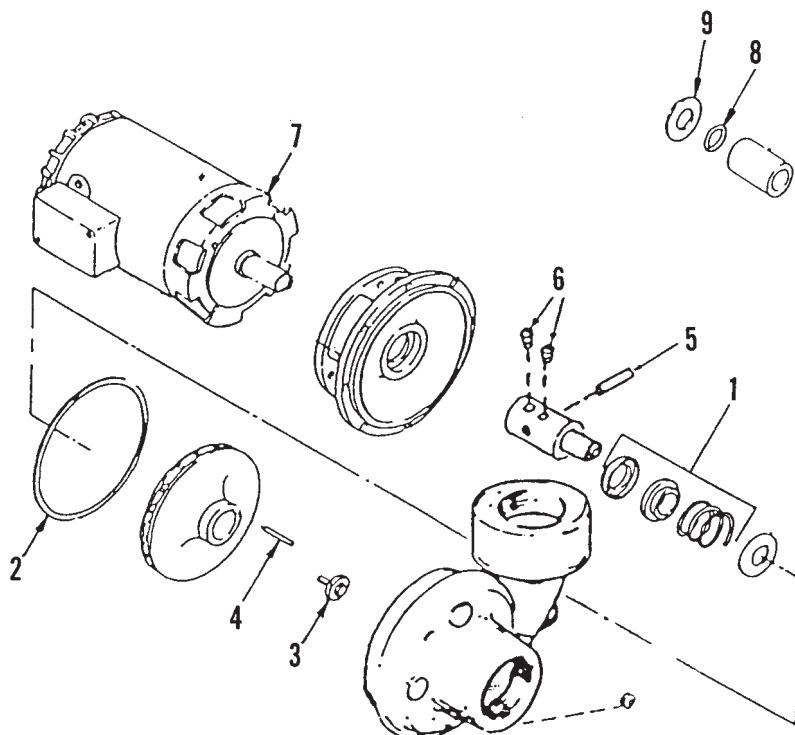
Heat Recovery Systems Dari-Kool

II-80-1 & II-80-1-A

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| Item | Part No. | Description | Quantity Required | |
|------|-----------|--|-------------------|-----|
| | 4016940 | ⊗ Dari-Kool II-80-1 | 6940 | |
| | 4018875 | Dari-Kool II-80-1-A | 8875 | |
| 1 | - - - - - | Literature 1P-123 (Installation Instructions) | ref | ref |
| 2 | 4016022 | Valve, Temp/Press Rlf, 210/150 | 1 | - |
| | 4020716 | Valve, Temp/Press Rlf, 210/150 | - | 1 |
| 3 | 4016998 | ⊗ Anode, Htr, Magnesium, 52" | 2 | - |
| | 4016054 | Anode, Htr, Magnesium, 58", Lndk | or 2 | - |
| | 4020819 | ⊗ Anode, Htr, Aluminum, 50" | - | 2 |
| 4 | 4016016 | ⊗ Foot, Leveling | 3 | - |
| 5 | 4012390 | Valve Assy, w/Core, 1/4 Sldr | 1 | - |
| 6 | 4016925 | ⊗ Jacket, Lower, Blue | 1 | - |
| 7 | 4016926 | ⊗ Jacket, Upper, Blue | 1 | - |
| | 4018890 | ⊗ Jacket Assy, 80,Blu | - | 1 |
| 8 | 4016928 | ⊗ Cover, Dari-Kool II-80-1 | 1 | - |
| | 4018896 | ⊗ Pan, Top, 24.00, Wht | - | 1 |
| 9 | 4021313 | ⊗ Pan, Bottom, 24.00, Galv | - | 1 |
| 10 | 4016147 | ⊗ Label, Warranty Conditions | 1 | 1 |
| 11 | 4018255 | ⊗ Label, Dari-Kool, Therma-Stor | 1 | 1 |
| 12 | 4016124 | ⊗ Label, Warning, Relief Valve | 1 | 1 |
| 13 | 4016025 | ⊗ Label, Anode | 2 | 2 |
| 14 | 4016026 | ⊗ Label, Relief Valve | 1 | - |
| 15 | 4016028 | ⊗ Label, Hot-Water Out | 1 | 1 |
| 16 | 4016043 | ⊗ Label, Gas In 1 | 1 | 1 |
| 17 | 4016047 | ⊗ Label, Gas Out 1 | 1 | 1 |
| 18 | 4016027 | ⊗ Label, Cold-Water In | 1 | 1 |
| 19 | 4017212 | ⊗ Bushing, Snap, Nylon, SB-750-625 | - | 1 |
| 20 | 4017211 | Bushing, Snap, Nylon, SB-1000-12 | - | 1 |
| 21 | 8560272 | Plug, Int, Plstc, 1.12 | - | 4 |
| 22 | 4019761 | ⊗ Plug, Int, Plstc, 1.63 | - | 1 |

Chiller Pumps, Models 16 and 18



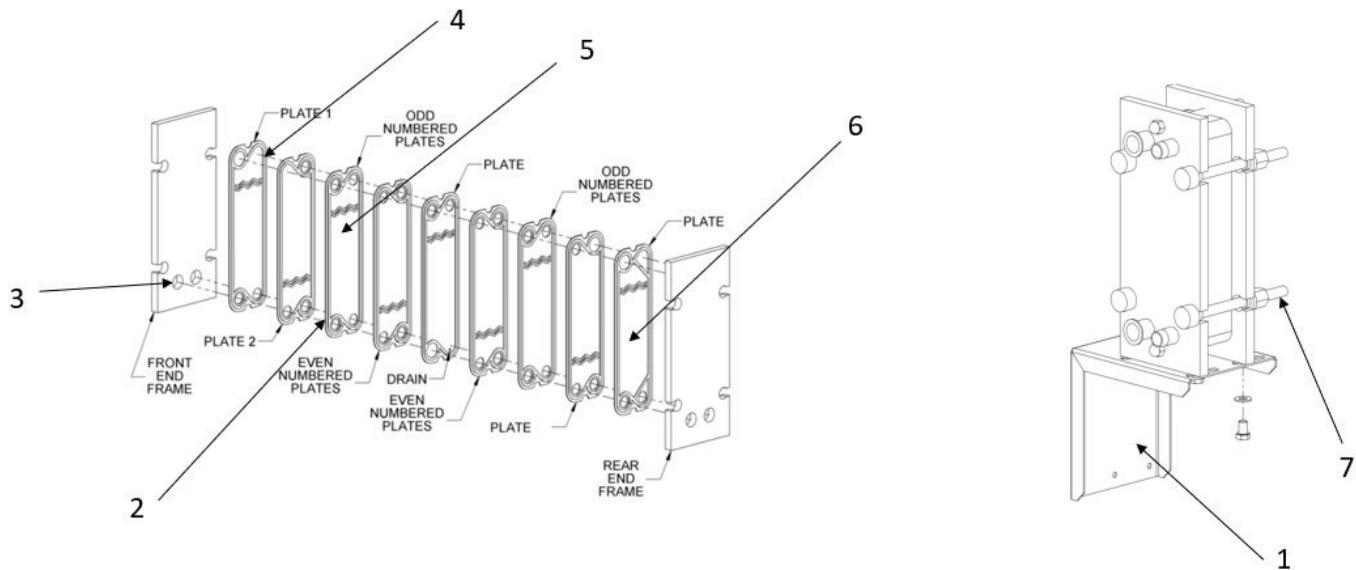
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | | |
|------|----------------------|--|-----------------------------------|------|------|------|------|---|---|
| | 4020797 | Pump, Chiller, 2Hp, 60 Hz, 230V, 1Ph | 0797 | | | | | | |
| | 4020817 | Pump, Chiller, 2Hp, 60 Hz, 230V, 3Ph | | 0817 | | | | | |
| | 4020793 | Pump, Chiller, 3Hp, 60 Hz, 230V, 1Ph | | 0793 | | | | | |
| | 4020818 | Pump, Chiller, 3Hp, 60 Hz, 230V, 3Ph | | 0818 | | | | | |
| | 4020794 | Pump, Chiller, 5Hp, 60 Hz, 230V, 3Ph | | | 0794 | | | | |
| | 4020795 | Pump, Chiller, 7-1/2Hp, 60 Hz, 230V, 3Ph | | | | 0795 | | | |
| | 4024345 | Pump, Chiller, 10Hp, 60 Hz, 230V, 1Ph (MFG - Scot Pump) | | | | | 4345 | | |
| 1 | 4021650 | Seal, Buna Ceramic | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 4021651 | O-ring, Buna | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 3 | 4021652 | Retainer Assy, Impeller | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 4 | 4021660 | Key Impeller | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 4021661 | Pin, Groove | 1 | - | 1 | - | - | - | - |
| 6 | 4021662 | Screw, Set, Sleeve | 2 | - | 2 | - | - | - | - |
| 7 | 4021664 | Motor, Pump, 2Hp, 3Ph | - | 1 | - | - | - | - | - |
| 8 | 4021677 | O-ring, Buna | - | 1 | - | 1 | 1 | 1 | 1 |
| 9 | 4021678 | Slinger, Pump | - | 1 | - | 1 | 1 | 1 | 1 |
| 10 | 4020796 | Pump Repair Kit, 2Hp, 3Hp, 5Hp, & 7.5 Hp (Includes items 1, 2, 3, 4 and 8) | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 11 | 4024347 ¹ | Pump Repair Kit, 10Hp (Includes Seals, O-rings, Retainer Assy, & Key Impeller) | - | - | - | - | - | - | 1 |

Note:

1. Parts in the 10Hp Pump Repair Kit are not interchangeable with repair kit parts for 7.5Hp and lower motors. The 10Hp pump has a different manufacturer and its own repair parts.

BouMatic N-Series & Q-Series Plate Cooler

| | |
|-----------------------|-------------------|
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| EFFECTIVE: 8/19/19 | |



BouMatic N-Series & Q-Series Plate Cooler (cont.)

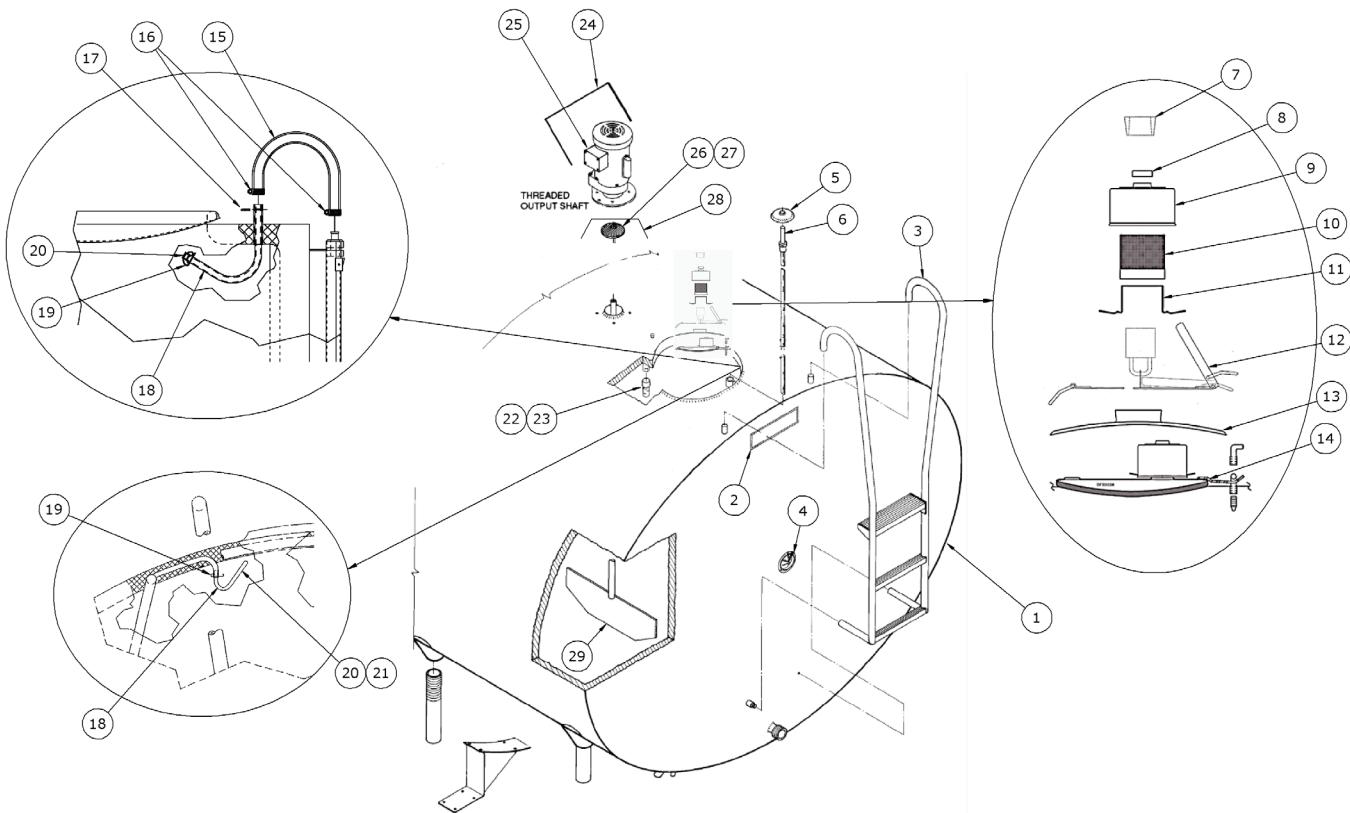
| Item | Part No. | Description | Quantity Required | | | | | | | | | |
|------|----------|--------------------------------------|-------------------|------|------|------|------|------|------|------|------|------|
| | | ⊗=Obsolete n/s=Not Shown | | | | | | | | | | |
| | 4025981 | KIT,COOLER,PLATE,N35SC0.5 | 5981 | | | | | | | | | |
| | 4025982 | KIT,COOLER,PLATE,N53SC0.5 | | 5982 | | | | | | | | |
| | 4025751 | COOLER,PLATE,N37SC1 | | | 5751 | | | | | | | |
| | 4025752 | COOLER,PLATE,N81SC1 | | | | 5752 | | | | | | |
| | 4025753 | COOLER,PLATE,N53SC3 | | | | | 5753 | | | | | |
| | 4025754 | COOLER,PLATE,N77SC4 | | | | | | 5754 | | | | |
| | 4025755 | COOLER,PLATE,N64DC3 | | | | | | | 5755 | | | |
| | 4025756 | COOLER,PLATE,N100DC3 | | | | | | | | 5756 | | |
| | 4025757 | COOLER,PLATE,N98DC4 | | | | | | | | | 5757 | |
| | 4040893 | COOLER,PLATE,Q106DC3 | | | | | | | | | | 0893 |
| 1 | 4025980 | BRACKET,WALL,N-SERIES PH | 1 | 1 | - | - | - | - | - | - | - | - |
| 2 1 | 4026118 | Gasket, N 0.5, PHX | 35 | 52 | - | - | - | - | - | - | - | - |
| | 4026123 | Gasket, N 1, PHX | - | - | 36 | 80 | - | - | - | - | - | - |
| | 4026128 | Gasket, N 3, PHX | - | - | - | - | 52 | - | 62 | 98 | - | 104 |
| | 4026133 | Gasket, N 4, PHX | - | - | - | - | - | 76 | - | - | 96 | - |
| 3 | 4026121 | Gasket, N 0.5,38MM, Frame (circular) | 4 | 4 | - | - | - | - | - | - | - | - |
| | 4026126 | Gasket, N 1,51MM, Frame (circular) | - | - | 4 | 4 | - | - | - | - | - | - |
| | 4026131 | Gasket, N 3,76MM, Frame (circular) | - | - | - | - | 4 | - | 6 | 6 | - | 8 |
| | 4026136 | Gasket, N 4,101MM, Frame (circular) | - | - | - | - | - | 4 | - | - | 6 | - |
| 4 2 | 4026122 | Gasket, N 0.5, Special, End | - | 1 | - | - | - | - | - | - | - | - |
| | 4026127 | Gasket, N 1, Special, End | - | - | 1 | 1 | - | - | - | - | - | - |
| | 4026132 | Gasket, N 3, Special, End | - | - | - | - | 1 | - | 2 | 2 | - | 2 |
| | 4026137 | Gasket, N 4, Special, End | - | - | - | - | - | 1 | - | - | 2 | - |
| 5 1 | 4026119 | Plate, N 0.5, All Open | 33 | 48 | - | - | - | - | - | - | - | - |
| | 4026124 | Plate, N 1, All Open | - | - | 32 | 76 | - | - | - | - | - | - |
| | 4026129 | Plate, N 3, All Open | - | - | - | - | 48 | - | 59 | 95 | - | 102 |
| | 4026134 | Plate, N 4, All Open | - | - | - | - | - | 72 | - | - | 93 | - |
| 6 2 | 4026120 | Plate, N 0.5, All Blocked | 2 | 5 | - | - | - | - | - | - | - | - |
| | 4026125 | Plate, N 1, All Blocked | - | - | 5 | 5 | - | - | - | - | - | - |
| | 4026130 | Plate, N 3, All Blocked | - | - | - | - | 5 | - | 5 | 5 | - | 13 |
| | 4026135 | Plate, N 4, All Blocked | - | - | - | - | - | 5 | - | - | 5 | - |
| 7 | 4041562 | BOLT,COOLER,PLT,N35SC0.5 | 4 | - | - | - | - | - | - | - | - | - |
| | 4041561 | BOLT,COOLER,PLT,N53SC0.5 | - | 4 | - | - | - | - | - | - | - | - |
| | 4041568 | BOLT,COOLER,PLT,N81SC1,N37SC1 | - | - | 4 | 4 | - | - | - | - | - | - |
| | 4041569 | BOLT,COOLER,PLT,N53SC3 | - | - | - | - | 8 | - | - | - | - | - |
| | 4041566 | BOLT,COOLER,PLT,N77SC4 | - | - | - | - | - | 6 | - | - | - | - |
| | 4041565 | BOLT,COOLER,PLT,N64DC3,N100DC3 | - | - | - | - | - | - | 8 | 8 | - | - |
| | 4041563 | BOLT,COOLER,PLT,N98DC4 | - | - | - | - | - | - | - | - | 6 | - |
| | 4041570 | BOLT,COOLER,PLT,Q106DC3 | - | - | - | - | - | - | - | - | - | 8 |

Note

1. Main plate or gasket as labeled Odd Numbered Plates and Even Numbered Plates
2. Special plate or gasket as labeled Plate, Plate 1 or Plate 2

Opti-Kool Coolers 1500 Thru 8000 Gallon

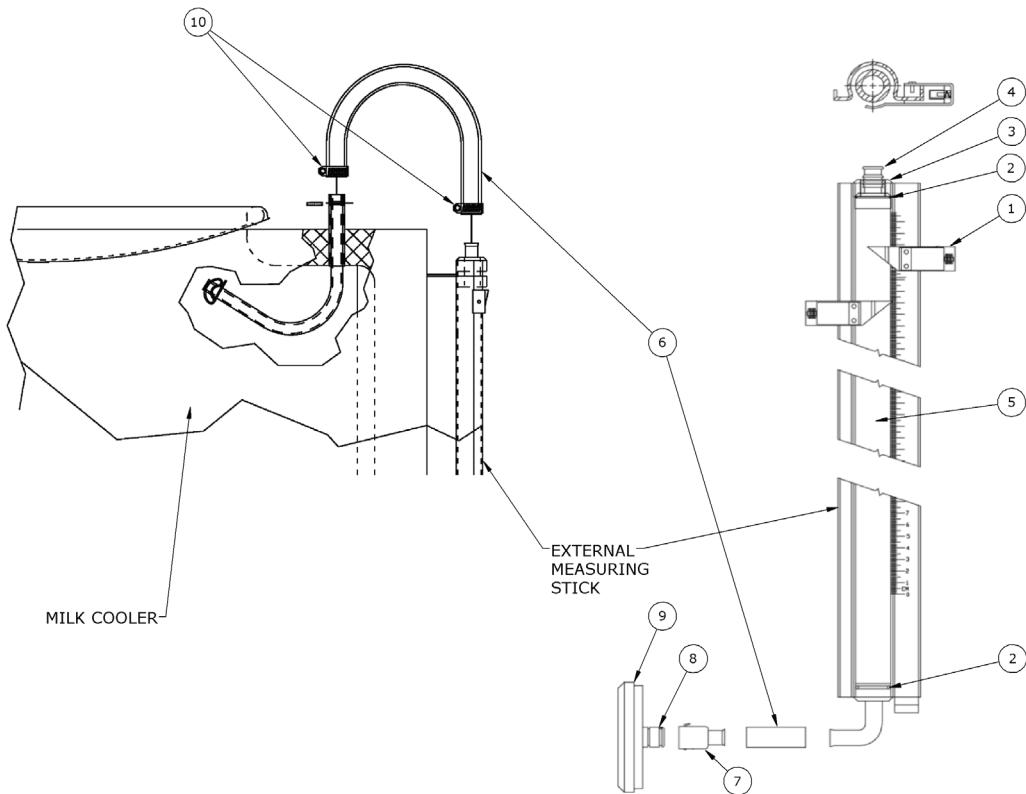
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Opti-Kool Coolers 1500 Thru 8000 Gallon (cont.)

Opti-Kool Cooler External Measuring Stick

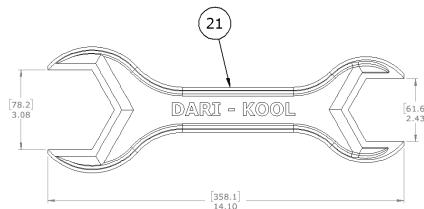
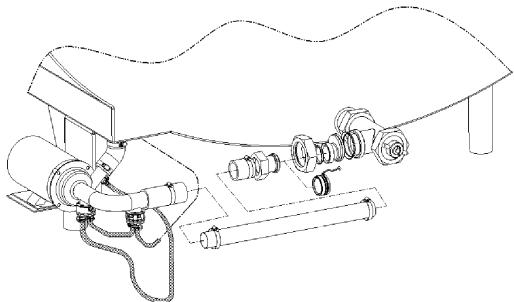
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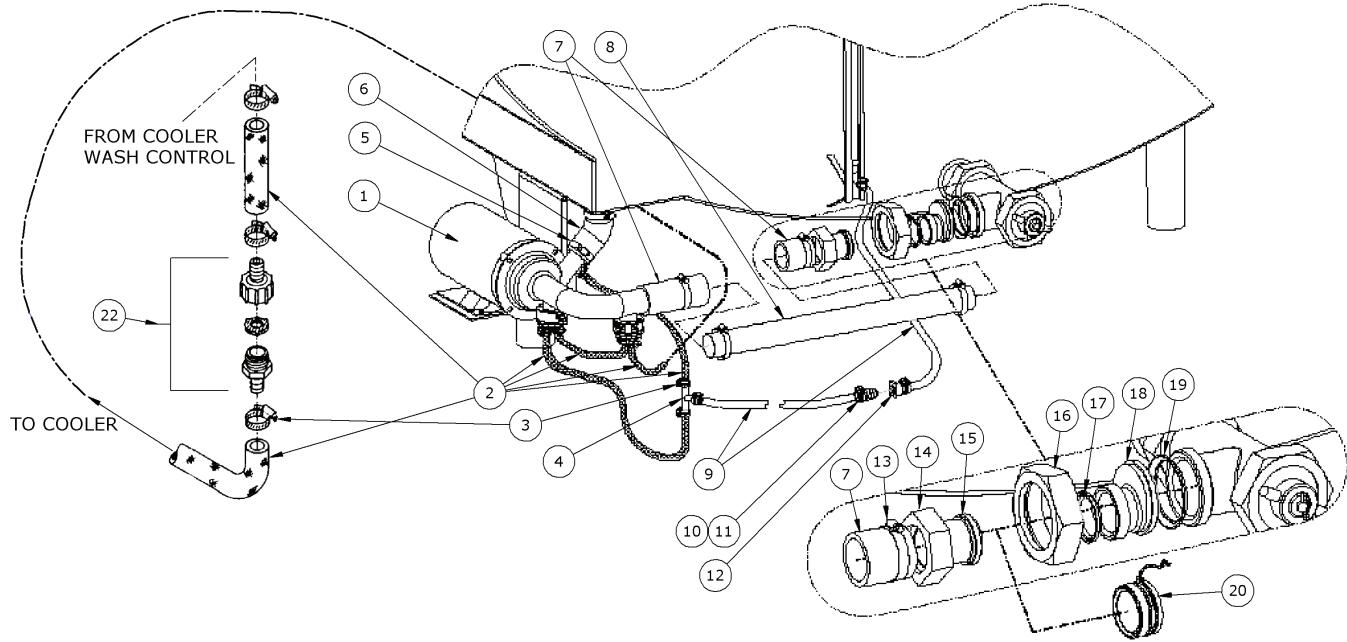
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | | |
|------|----------|-------------------------------|-----------------------------------|------|------|------|------|------|------|
| | 4791902 | COOLER PKG, OPTIKOOL, 2500 | 1902 | | | | | | |
| | 4791903 | COOLER PKG, OPTIKOOL, 3000 | | 1903 | | | | | |
| | 4791904 | COOLER PKG, OPTIKOOL, 4000 | | | 1904 | | | | |
| | 4791905 | COOLER PKG, OPTIKOOL, 5000 | | | | 1905 | | | |
| | 4791906 | COOLER PKG, OPTIKOOL, 6000 | | | | | 1906 | | |
| | 4791907 | COOLER PKG, OPTIKOOL, 7000 | | | | | | 1907 | |
| | 4791908 | COOLER PKG, OPTIKOOL, 8000 | | | | | | | 1908 |
| 1 | 4041732 | INDICATOR SLIDE ASSY LH EXT | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 4041761 | O-RING 210 .139"DIA ACTUAL | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 4041759 | MOUNT CHANNEL UPPER EXT MEAS | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | 4041734 | MOUNT CHANNEL ADJUSTER | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 4041755 | SIGHT GLASS 2500 & 4000 OPTKL | 1 | - | 1 | - | - | - | - |
| | 4041754 | SIGHT GLASS 3000 OPTKL | - | 1 | - | - | - | - | - |
| 5 | 4041753 | SIGHT GLASS 5000 & 6000 OPTKL | - | - | - | 1 | 1 | - | - |
| | 4041752 | SIGHT GLASS 7000 OPTKL | - | - | - | - | - | 1 | - |
| | 4041751 | SIGHT GLASS 8000 OPTKL | - | - | - | - | - | - | 1 |
| 6 | - | Hose, Milk, 9/16" ID | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 7 | 4041722 | CONNECT QUICK ASSY-NEW DESIGN | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 4041707 | O-RING 014 .070"DIA ACTUAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 4041779 | ADAPTER, QUICK CONNECT, 2" | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| | 4041721 | ADAPTER QUICK CONNECT 3" ACME | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 10 | 4012220 | CLAMP,HOSE,SS, #8, .50-.91 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

Opti-Kool Wash Pump Assembly

1500-2000 OPTI-KOOL



2500-8000 OPTI-KOOL



Opti-Kool Wash Pump Assembly (cont.)

SECTION

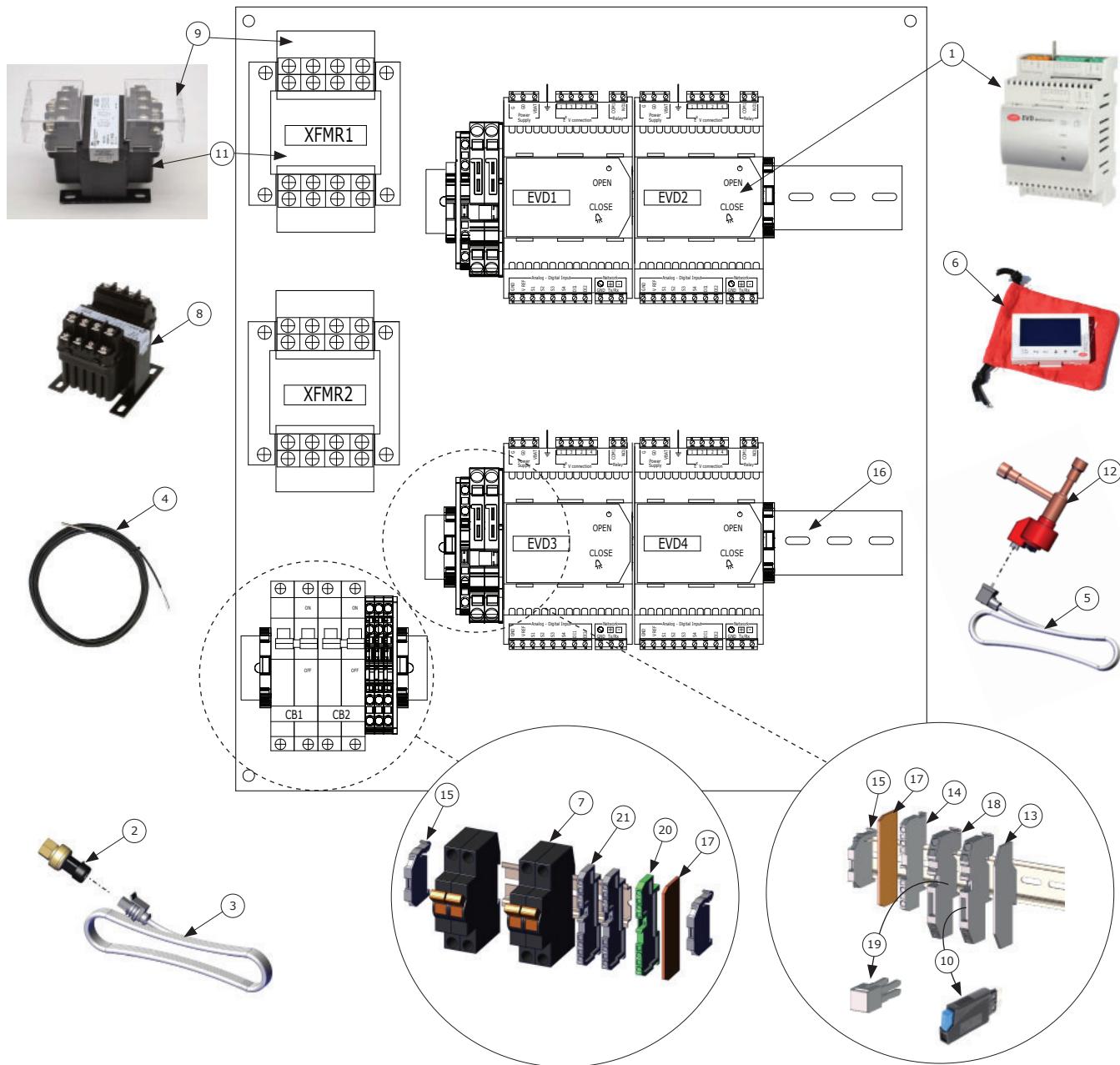
PAGE

E

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4/18/22

Controller Assy, EEV



| Item | Part No. | Description | QTY REQUIRED (a/r=As Required) | | | |
|------|------------------------------|---------------------------------------|-----------------------------------|-----|-----|-----|
| | 4040184 | CONTROLLER ASSY,EEV,1 CIRCUIT | 184 | | | |
| | 4040191 | CONTROLLER ASSY,EEV,2 CIRCUIT | 191 | | | |
| | 4040192 | CONTROLLER ASSY,EEV,4 CIRCUIT (shown) | 192 | | | |
| | 4040193 | CONTROLLER ASSY,EEV,6 CIRCUIT | 193 | | | |
| 1 | 4040185 | EVD DRIVER | 1 | 2 | 4 | 6 |
| 2 | 4040186 | REFRIGERANT PRESSURE TRANSMITTER | 1 | 2 | 4 | 6 |
| 3 | 4040187 | PRESSURE TRANSMITTER CABLE | 1 | 2 | 4 | 6 |
| 4 | 4040188 | TEMPERATURE SENSOR, REFRIG. | 1 | 2 | 4 | 6 |
| 5 | 4040189 | EEV VALVE CABLE | 1 | 2 | 4 | 6 |
| 6 | 4040197 | EVD DRIVER DISPLAY | 1 | 1 | 1 | 1 |
| 7 | 4040198 | CIRCUIT BREAKER, TRANSFORMER | 1 | 1 | 2 | 2 |
| 8 | 4040199 | TRANSFORMER, 75VA | 1 | 1 | - | - |
| 9 | 4040200 | TRANSFORMER FINGER GUARD | 2 | 2 | 4 | 4 |
| 10 | 4040201 | CIRCUIT BREAKER, EVD | 1 | 2 | 4 | 6 |
| 11 | 4040294 | TRANSFORMER, 100VA | - | - | 2 | 2 |
| 12 | 4029964 ¹ (shown) | VALVE,EEV,3 TO 6HP,CAREL | a/r | a/r | a/r | a/r |
| | 4029966 ¹ | VALVE,EEV,7.5 TO 20HP,CAREL | a/r | a/r | a/r | a/r |

| Item | Part No. | Description | QTY REQUIRED (a/r=As Required) | | | |
|------|-----------|--|-----------------------------------|------|-----|-----|
| | 4040184 | CONTROLLER ASSY,EEV,1 CIRCUIT | 184 | | | |
| | 4040191 | CONTROLLER ASSY,EEV,2 CIRCUIT | 191 | | | |
| | 4040192 | CONTROLLER ASSY,EEV,4 CIRCUIT (shown) | 192 | | | |
| | 4040193 | CONTROLLER ASSY,EEV,6 CIRCUIT | 193 | | | |
| 13 | 3562371 | BARRIER,CON,FUS-ORG,D-RAIL MTG | 1 | 2 | 2 | 2 |
| 14 | 3562366 | CONNECTOR,PWR,WHT,DIN RAIL MTG | 1 | 2 | 2 | 2 |
| 15 | 3558274 | BRACKET,END,CONN,DIN RAIL MTG | 4 | 6 | 6 | 6 |
| 16 | 3557978 | RAIL,DIN, 2M LONG x 35MM WIDE | .085 | .139 | .5 | .5 |
| 17 | 3559012 | BARRIER,CONN,DIN RAIL MTG | 2 | 3 | 3 | 3 |
| 18 | 3560785 | TERMINAL BLOCK, FUSE TERMINAL | 1 | 2 | 4 | 6 |
| 19 | 3562517 | CONNECTOR,JUMPER,FOR FUSED TB | - | - | 2 | 4 |
| 20 | 3559011 | CONNECTOR,PWR,PE,DIN RAIL MTG | 1 | 1 | 1 | 1 |
| 21 | 3558253 | CONNECTOR,PWR,DIN RAIL MTG | - | 2 | 2 | 2 |
| 22 | - - - - - | Literature 9E-952 (Installation instructions) | ref | ref | ref | ref |

Notes:
1. EEV Valves (4022964 & 4029966) are not included in Controllers.

Stalls & Crowd Gates

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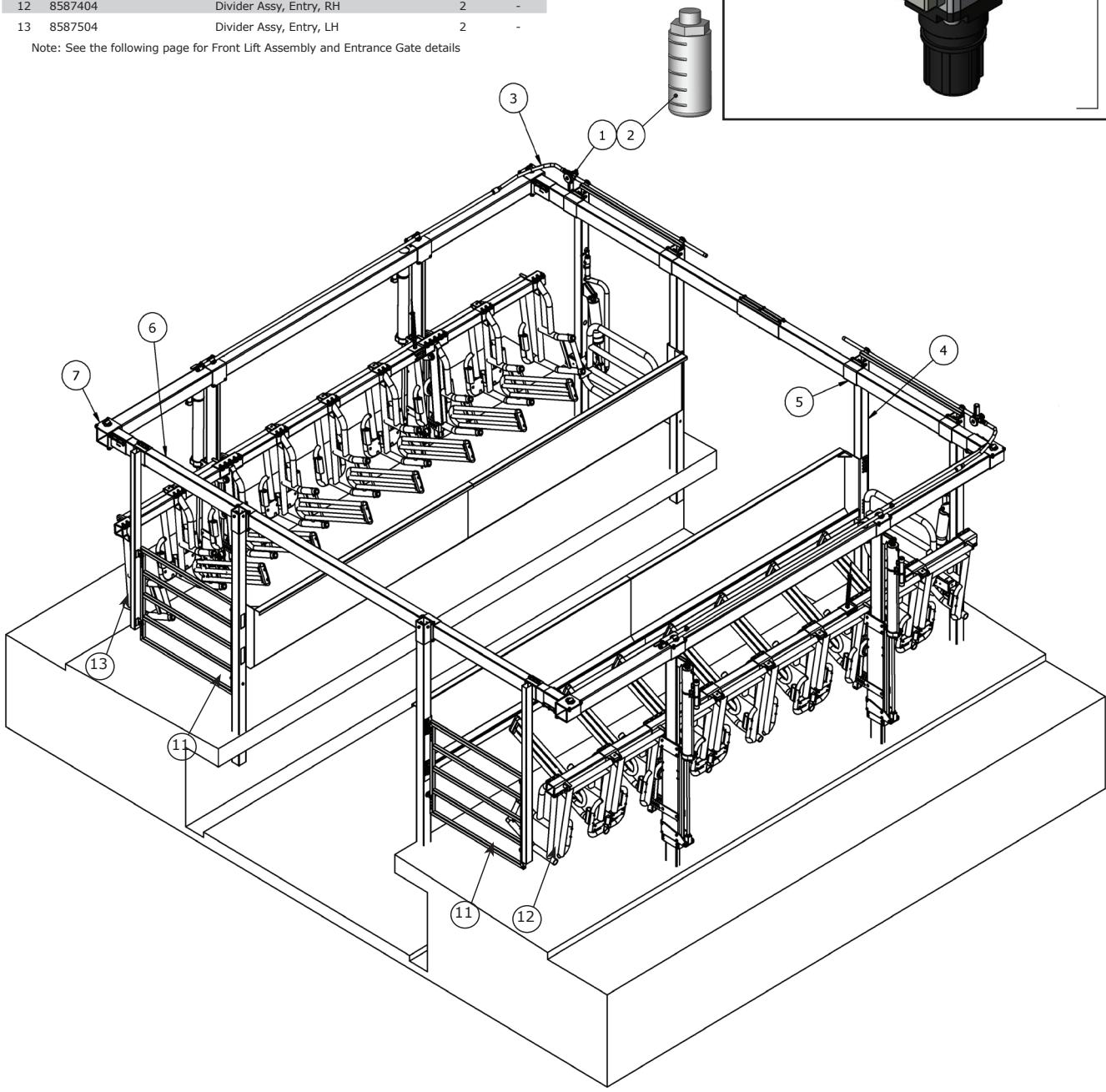
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Xcalibur 90LX Parallel Stall & Xcalibur 90LX Parallel Stall Stainless Steel

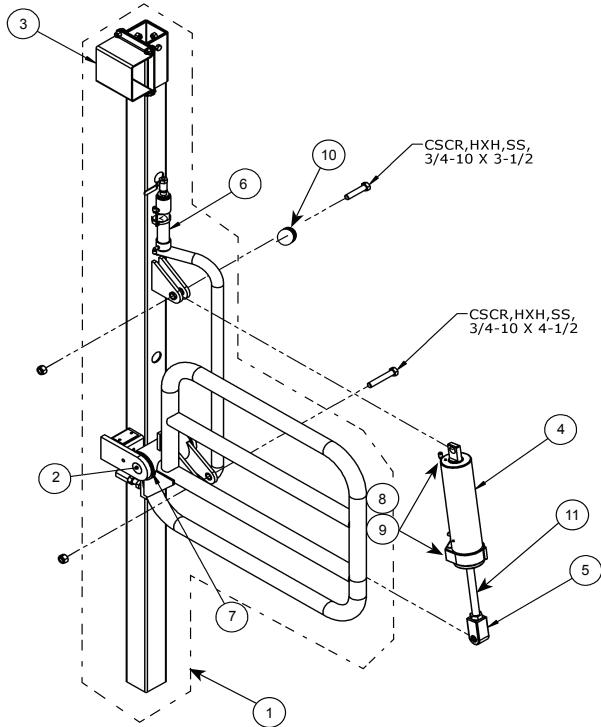
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| SECTION F | PAGE 3 |
| EFFECTIVE: 1/29/18 | |

| ITEM NO. | PART NO. n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|-------------|------------------------------|--|-----------------------------------|-----|
| | | | - | ss |
| - | - | Xcalibur 90LX Parallel Stall | - | |
| - | - | Xcalibur 90LX Parallel Stall - Stainless Steel | | ss |
| 1 | 8588146 | Valve Assy,Main Air,90LX (Valve only. | a/r | a/r |
| 2 | 8587695 | Filter,Regulator,Air,1" MPT (Filter only. Works with item 1.) | a/r | a/r |
| 3 | 8588138 | Hose,Air Line, 1" x 3',90LX | a/r | a/r |
| | 8588138 | Hose,Air Line, 1" x 3',90LX | a/r | a/r |
| 4 | 8587365 | Post,Entry,Cabinet | 4 | - |
| | 8588915 | Post,Entry,Cabinet,SS | - | 4 |
| 5 | 8588145 | Clamp Assy,End Post/Cross Beam | a/r | - |
| | 8588942 | Clamp Assy,End Pst/Crs Beam,SS | - | a/r |
| 6 | 8587332 | Tube,Rect,6x4x.25x244.16 | a/r | - |
| | 8588739 | Tube,Rect,6x4x.25x244.16,SS | - | a/r |
| 7 | 8587343 | Clamp Assy,Crossover,6x6-6x4 | a/r | - |
| | 8588907 | Clamp Assy,Crossover,6x6-6x4,SS | - | a/r |
| 8 | 8588147 | n/s Regulator,1",HI Press,HI Flow | a/r | a/r |
| 9 | 8588143 | n/s Latch,Individual Release,90LX | a/r | - |
| 10A | 8588142 | Valve & Regulator,Index,90LX (Parlor sizes 2x20 or larger) Regulator Valve w/Gauge, 1/4NPT (Parlor sizes 2x18 or smaller) | a/r | a/r |
| 10B | 8570997 | | a/r | a/r |
| 11 | 8587380 | Gate Assy,Exit | 2 | 2 |
| 12 | 8587404 | Divider Assy, Entry, RH | 2 | - |
| 13 | 8587504 | Divider Assy, Entry, LH | 2 | - |

Note: See the following page for Front Lift Assembly and Entrance Gate details



Xcalibur 90LX Entrance Gate Assembly & Stainless Steel

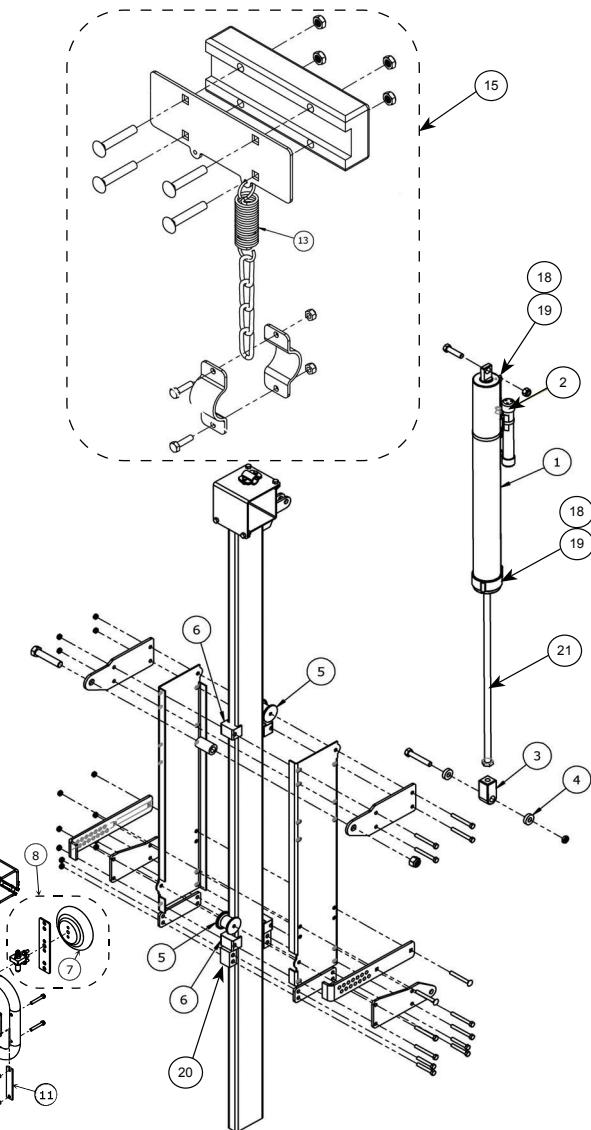
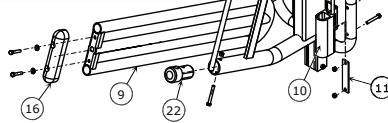


| ITEM | PART NO. | X OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED | | |
|------|----------|-----------------------------|---------------------------------|-------------------|-----|-----|
| | | | | (a/r=AS REQUIRED) | RH | LH |
| - | --- | n/s | Kit, Entr Gate, Knife, RH | 1 | - | - |
| - | --- | | Kit, Entr Gate, Knife, LH | - | LH | - |
| - | --- | | Stainless Steel Entr Gate | - | - | SS |
| 1 | 8588182 | n/s | Gate,Assy,Entrance,RH | 1 | - | - |
| | 8588183 | | Gate,Assy,Entrance,LH | - | 1 | - |
| | 8588914 | ⊗ | Gate,Assy,Entry,RH,SS | - | - | 1 |
| | 8588728 | ⊗ | Gate,Assy,Entry,LH,SS | - | - | 1 |
| 2 | 8588141 | | Pin Assy,Entry Gate | 1 | 1 | - |
| | 8588729 | ⊗ | Pin Assy,Entry Gate,SS | - | - | 1 |
| 3 | 8588145 | | Clamp Assy,End Post/Cross Beam | 1 | 1 | - |
| | 8588907 | | Clamp Assy,Crossover,6X6-6X4,SS | - | - | 1 |
| 4 | 8589891 | | Cylinder,w/Oiler,Ent Gate,90LX | - | - | - |
| 5 | 8588144 | | Clevis,Cyl Rod,90LX | 1 | 1 | 1 |
| 6 | 8588140 | | Reservoir Assy,Entr Gate,90LX | 1 | 1 | 1 |
| 7 | 8587484 | | Bearing,UHMW,Entry Gate | 1 | 1 | 1 |
| 8 | 8507028 | | Conn,SWL,ELB,1/4 OD X 3/8 NPT | 2 | 2 | 2 |
| 9 | 3558984 | | Hose,NYL,NAT,3/8 ODX1000FT | a/r | a/r | a/r |
| 10 | 8514678 | | Bushing, 1.125OD x .75ID x .75 | 1 | 1 | 1 |
| 11 | 8594960 | | Cyl Rod,Entrance Gate,90LX | - | - | - |

Note: P/N 1 includes gate and post.

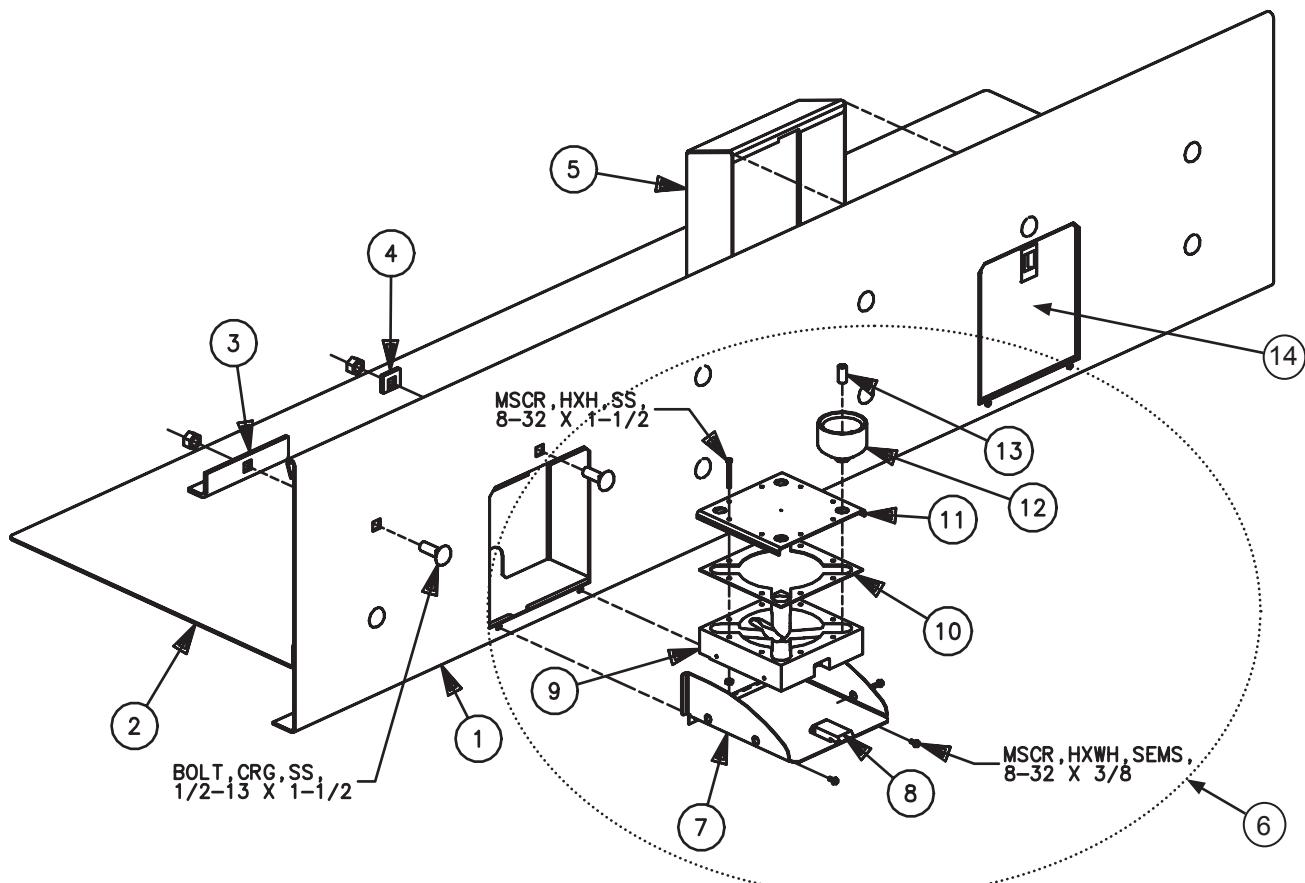
Xcalibur 90LX Front Lift Assembly & Stainless Steel

| ITEM | PART NO. | X OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|---|-----------|
| - | --- | | Xcalibur 90LX Front Lift Assy | - |
| - | --- | | Xcalibur 90LX Front Lift Assy - Stainless Steel | ss |
| 1 | 8589892 | | Cylinder,W/Oiler,Lift,90LX, (Standard 48.375" retracted) | 1 |
| 1 | 8589893 | | Cylinder,W/Oiler,Hi-Lift,90LX (53.625" retracted) | 1 |
| 2 | 8588113 | | Reservoir,Oil,W/Filter,90LX | 1 |
| 3 | 8588144 | | Clevis,Cyl Rod,90LX | 1 |
| 4 | 8588117 | | Spacer,UHMW,Lift Cyl,90LX | 2 |
| 5 | 8588114 | | Roller,Post | 2 |
| 6 | 8588115 | | Guide,Post,Slider | 4 |
| 7 | 8581534 | | Air Bag,Indexing,90LX | 1 |
| 8 | 8587899 | | Indexing,Air Bag Assy,BouMatic | 1 |
| | 8588797 | ⊗ | Indexing,Air Bag Assy,SS | - |
| 9 | 8514988 | | Assy,Gate,Seq,W/Bumper | 1 |
| | 8588702 | ⊗ | Seq Gate Assy,90LX,SS | - |
| 10 | 8514781 | | Bumper,Parallel,7" (5" Center Mount Holes) | 2 |
| | 8588257 | | Bumper,Parallel,6" (4" Center Mount Holes) | 2 |
| | 8514782 | | Clamp,Bumper,5.75" | 2 |
| 11 | 8588258 | ⊗ | Plate,I-R,Clamp,Bumper 4.75 | 2 |
| | 8518738 | | Clamp,Bumper,5.75",SS | - |
| 12 | 8588139 | n/s | Kit,Repair,Cylinder,4" (typical) | a/r |
| 13 | 8588137 | n/s | Spring,Seq Gate,90LX | 1 |
| 14 | 8590403 | n/s | Control Assy,Indexing Rail | 1 |
| 15 | 8587845 | | Spring Assy,Seq Gate,Xcal 90LX | 1 |
| | 8588817 | ⊗ | n/s Spring Assy,Seq Gate,Xcal 90LX,SS | - |
| 16 | 8587403 | | CAP,SEQ,Gate | 1 |
| 17 | 8591562 | n/s | Kit,Rebuild,Cylinder,5",90LX | a/r a/r |
| 18 | 8507028 | | Conn,SWL,ELB,1/4 OD X 3/8 NPT | 2 |
| 19 | 3558984 | | Hose,NYL,NAT,3/8 ODX1000FT | a/r a/r |
| 20 | 8587338 | | STOP,SLIDER,UHMW | 2 |
| 21 | 8594958 | | Cyl Rod,Std Lift,90LX | - |
| 21 | 8594959 | | Cyl Rod,High Lift,90LX | - |
| 22 | 8587394 | | Cap, End, Divider Pivot | 2 |



Xcalibur Herringbone & Parallel Jetter and Curb Detail

| | |
|-----------------------|-----------|
| SECTION F | PAGE 5 |
| EFFECTIVE: 9/25/11 | |

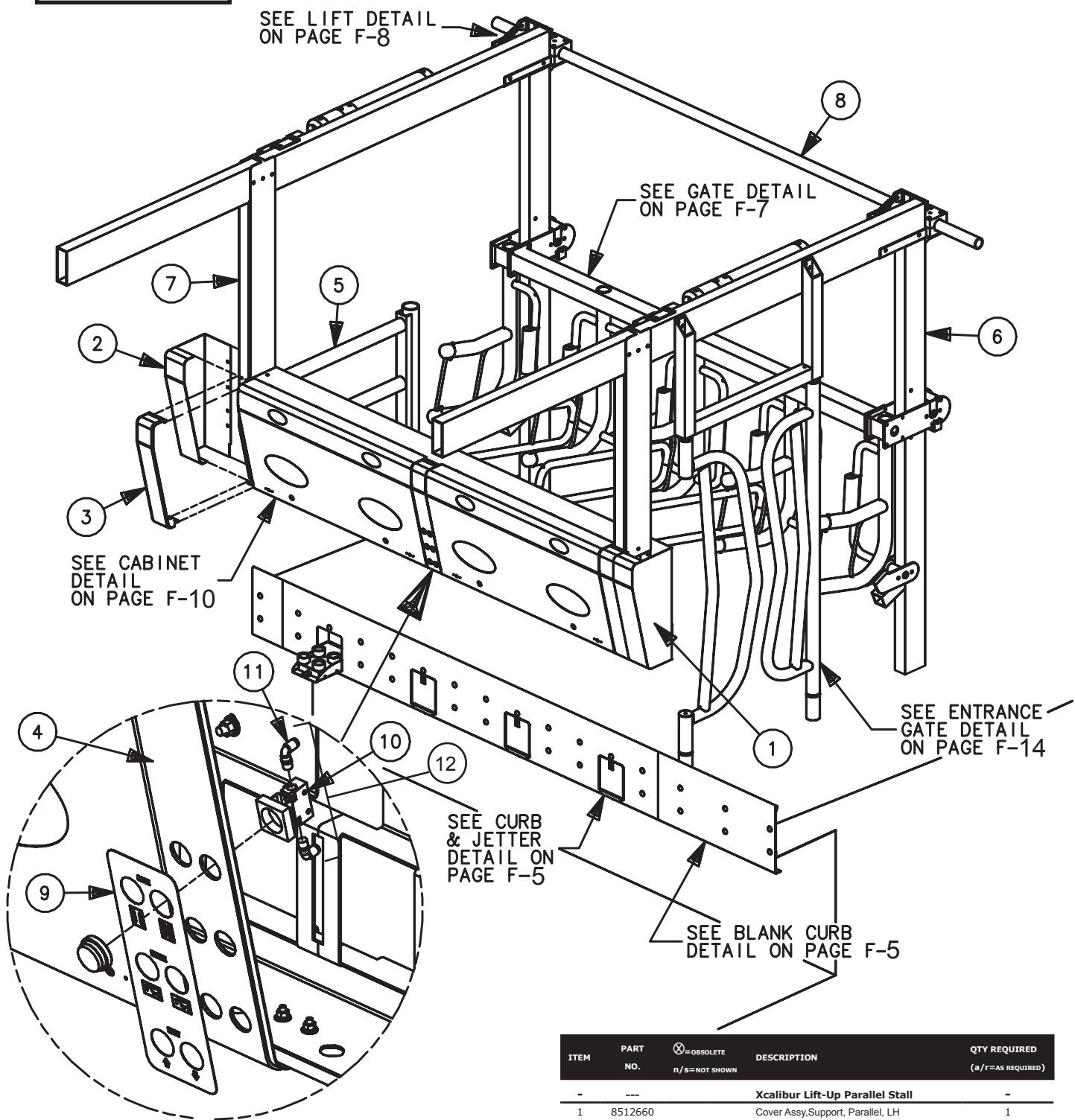


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---|----------|--|-----------------------------------|
| In-Curb Jetter & Curb Detail | | | |
| 1 | 8509996 | n/s Curb, w/Jetter, Parallel, 3-Cow, 28" | a/r |
| | 8509997 | n/s Curb, w/Jetter, Parallel, 4-Cow, 28" | a/r |
| | 8511561 | n/s Curb, w/Jetter, 3-Cow, 30" | a/r |
| | 8511562 | n/s Curb, w/Jetter, 4-Cow, 30" | a/r |
| | 8509651 | n/s Curb, w/Jetter, 3-Cow, 36" | a/r |
| | 8509652 | n/s Curb, w/Jetter, 2-Cow, 36" | a/r |
| | 8510469 | n/s Curb, w/Jetter, 3-Cow, 44" | a/r |
| | 8510468 | n/s Curb, w/Jetter, 2-Cow, 44" | a/r |
| | 8509653 | n/s Curb, w/Jetter, Blank, 10 ft | a/r |
| 2 | 8509998 | n/s Curb, Cantil, Parallel, 3-Cow, 28" | a/r |
| | 8509999 | n/s Curb, Cantil, Parallel, 4-Cow, 28" | a/r |
| | 8511563 | n/s Curb, Cantil, R-Series, 3-Cow, 30" | a/r |
| | 8511564 | n/s Curb, Cantil, R-Series, 4-Cow, 30" | a/r |
| | 8509654 | n/s Curb, Cantil, R-Series, 3-Cow, 36" | a/r |
| | 8509655 | n/s Curb, Cantil, R-Series, 2-Cow, 36" | a/r |
| | 8510471 | n/s Curb, Cantil, R-Series, 3-Cow, 44" | a/r |
| | 8510470 | n/s Curb, Cantil, R-Series, 2-Cow, 44" | a/r |
| | 8509656 | n/s Curb, Cantil, Blank, 10 Ft | a/r |
| 3 | 8553580 | Bracket, Curb | a/r |
| 4 | 8509657 | Spacer, Curb w/Jetter | a/r |
| 5 | 8509684 | Cover, R-Series Jetter | a/r |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---|----------------------|---|-----------------------------------|
| In-Curb Jetter & Curb Detail | | | |
| 6 | 8510235 | Jetter Assy, In-Curb <i>(Includes items 7 thru 11, 12 13, 16 & hardware)</i> | a/r |
| 7 | 8509875 | Door Assy, Jetter, In-Curb | 1 |
| 8 | 8502966 | Latch, Sliding | 1 |
| 9 | 8502895 | Distributor, Jetter, Rotary | 1 |
| 10 | 8502896 | Gasket, Jetter, Rotary Parlor | 1 |
| 11 | 8502898 | Cover, Jetter, Rotary Parlor | 1 |
| 12 | 8503691 | ⊗ Cup, Jetter, Short, R-Series/Magnum Series | 4 |
| | 8503692 | ⊗ Cup, Jetter, Short, DK-Series/RM1 | a/r |
| | 8510177 | ⊗ Cup, Jetter, Short, Competitive | a/r |
| | 8586152 | ⊗ Cup, Jetter, Low Profile, Short | 4 |
| | 8589313 | Cup, Jetter, R-Series, Short, Cs/100 | a/r |
| | 8589315 | Cup, Jetter, Xpress, Short, cs/100 | a/r |
| | 8589309 | Cup, Jetter, Magnum, Short, Cs/100 | a/r |
| 13 | 8513215 | Tube, .44 x .049 x .88, SS | 4 |
| 14 | 8510393 | Kit, Jetter Door, Blank (Blank Jetter Door) <i>(Includes items 7 & 8 & hardware)</i> | a/r |
| 15 | 8513211 ¹ | n/s Jetter Assy, Expansion, In-Curb <i>(Includes items 9 thru 11 & hardware)</i> | a/r |
| 16 | 3553772 | n/s Tube, SS, .750 x .049 x 2.50 | 1 |

Note: 1. Jetter assembly expansion (8513211) is recommended when converting a blank jetter door (8510393) to a complete jetter assembly (8510235).

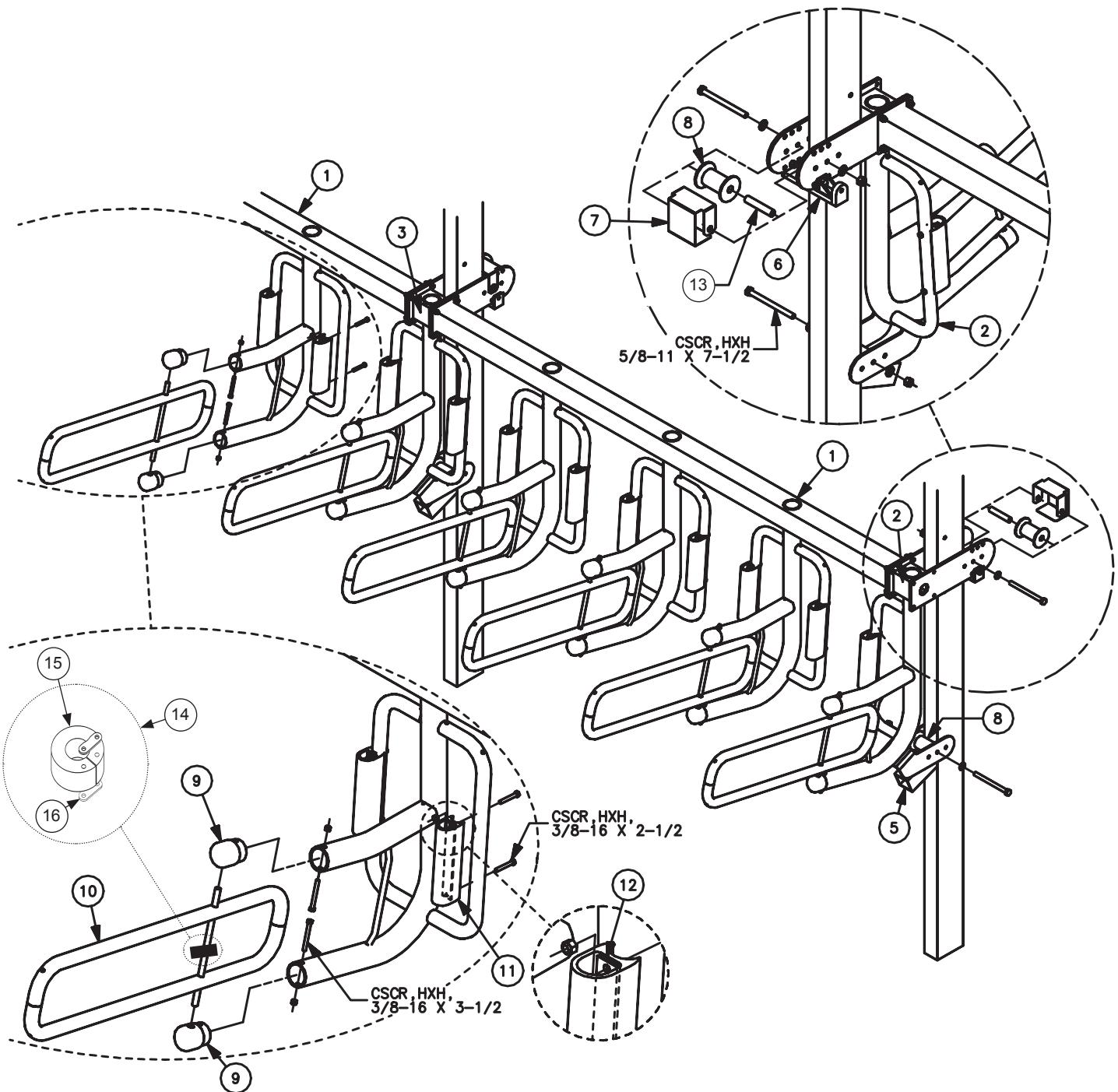
Xcalibur Lift-Up Parallel Stall



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------------------------------|----------|---|-----------------------------------|
| Xcalibur Lift-Up Parallel Stall | | | |
| 1 | 8512660 | Cover Assy,Support, Parallel, LH | 1 |
| 2 | 8512662 | Cover Assy,Support, Parallel, RH | 1 |
| 3 | 8512654 | Divider Assy,Cabinet | a/r |
| 4 | 8512657 | Divider Assy,Cabinet, w/Holes | a/r |
| 5 | 8512890 | Fence Assy, End, Lift-Up | 2 |
| 6 | 8512510 | ⊗ Support Post Assy, Excal Paral | a/r |
| 7 | 8512642 | Support Assy, Rump Rail | a/r |
| 8 | 8512703 | Pipe,2.000,Sch 40, Galv, 21' | a/r |
| 9 | 8512697 | Label, Pushbutton,excal Paral | a/r |
| 10 | 8510669 | Valve Assy, Pushbutton, 3-Way | a/r |
| 11 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 | a/r |
| 12 | 8510729 | Valve Assy, Push Button, 3-Way (Includes items 10 & 2 of 11) | a/r |

Xcalibur Lift-Up Parallel Gate Detail

SECTION F PAGE 7
EFFECTIVE: 12/7/18

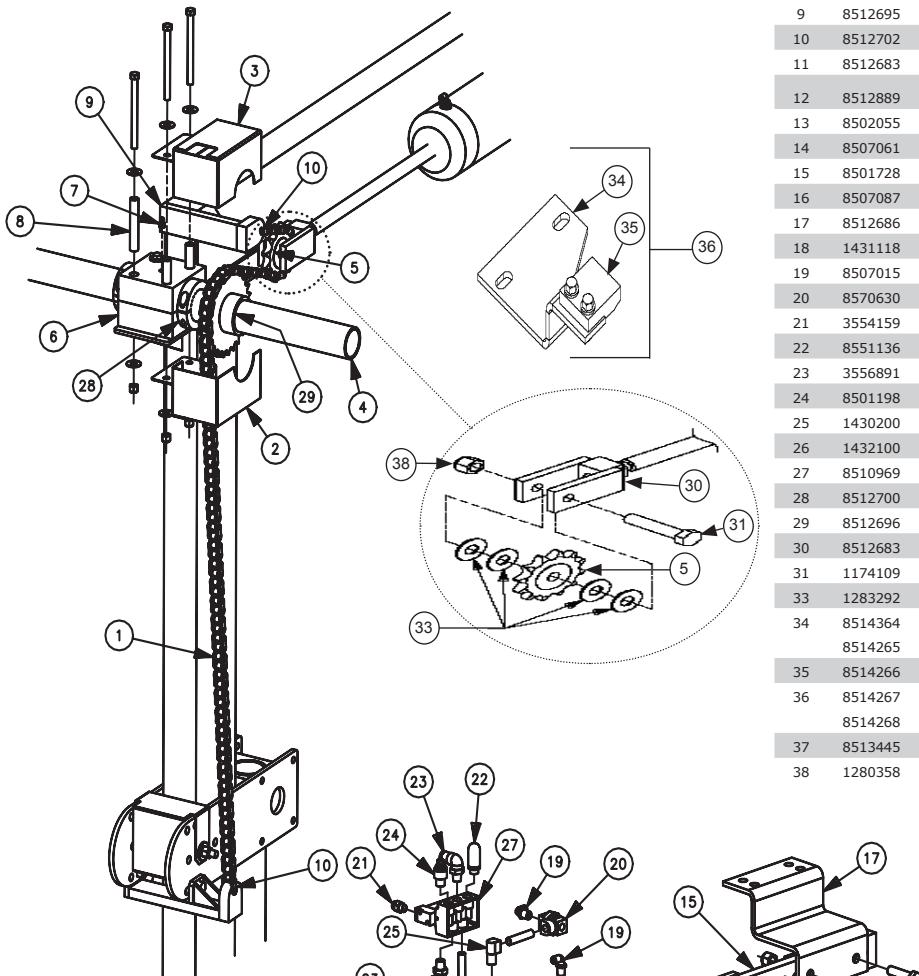


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|---------------------------------------|-----------------------------------|
| - | --- | | Xcalibur Lift-Up Parallel Gate Detail | - |
| 1 | 8512547 | | Gate Assy, Brisket, Lift, 4-Cow | a/r |
| 1 | 8512548 | ⊗ | n/s Gate Assy, Brisket, Lift, 5-Cow | a/r |
| | 8512549 | ⊗ | n/s Gate Assy, Brisket, Lift, 6-Cow | a/r |
| 2 | 8512535 | | Gate Assy, Brisket, Lift, End, RH | a/r |
| 3 | 8512536 | ⊗ | Gate Assy, Brisket, Lift, Middle | a/r |
| 4 | 8512537 | n/s | Gate Assy, Brisket, Lift, End, LH | a/r |
| 5 | 8512687 | | Tube, Index, Lift Parallel | a/r |
| 6 | 8512694 | | Bracket Assy, Chain, Lift-Up, Bot | a/r |
| 7 | 8513299 | | Guard Assy, Roller, Top, Lift-Up | a/r |
| 8 | 8512508 | | Roller, Lift-Up, Excal Parallel | a/r |

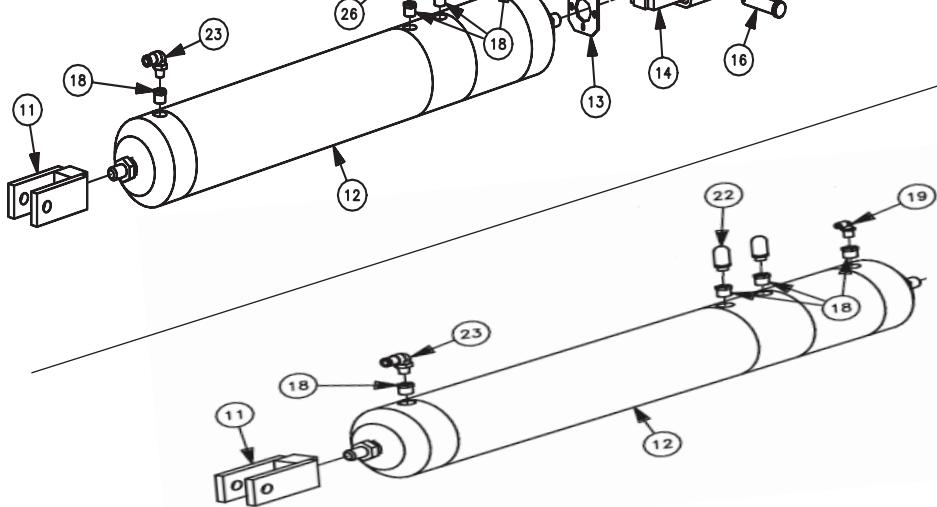
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--|-----------------------------------|
| - | --- | | Xcalibur Lift-Up Parallel Gate Detail | - |
| 9 | 8512553 | | Holder, Seq Gate, Sch 40 Pipe (white) | a/r |
| | 8587394 | | Cap,end,divider (blue) | a/r |
| 10 | 8512522 | | Gate Assy, Seq, Lift Parallel | a/r |
| 11 | 8512525 | | Extrusion, Bumper, Excal Paral | a/r |
| 12 | 8512526 | | Clamp, Bumper | a/r |
| 13 | 8512699 | | Tube, SS, .75 x .120 x 4.75 | a/r |
| 14 | 8513374 | ⊗ | Packed Parts, Bumper, Seq Gate (Includes items 15, 16 & hardware) | a/r |
| 15 | 8513372 | | Bumper, Seq Gate | a/r |
| 16 | 8514108 | | Plate, Bumper, Seq Gate, 1.635 ID | a/r |

Xcalibur Lift-Up Parallel Lift Detail

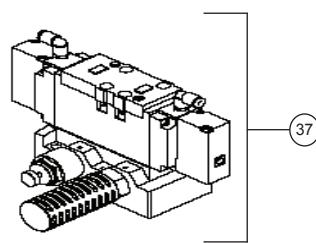
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------|--|-----------------------------------|--|
| - | - | Xcalibur Lift-Up Parallel Lift Detail | | |
| 1 | 8512701 | Chain, Roller, #80, Perfect coat | 1 | |
| 2 | 8513301 | Guard Assy, Sprocket, Bot-RH | 1 | |
| 3 | 8513300 | Guard Assy, Sprocket, Top-RH | 1 | |
| 4 | 8512703 | Pipe, 2.000, Sch 40, Galv, 21' | a/r | |
| 5 | 8512691 | Sprocket, 12T, #80, .750 Bore | 1 | |
| 6 | 8512692 | Bearing, Reel, 2.38" Shaft | 1 | |
| 7 | 8590255 | Fitting, Grease, 1/8 NPT | 1 | |
| 8 | 8501909 | Pipe, 304, Sch 40, .68 x 4.00 | 4 | |
| 9 | 8512695 | Bracket Assy, Chain, Lift-Up | 1 | |
| 10 | 8512702 | Link Assy, #80, Perfect Coat | 2 | |
| 11 | 8512683 | Clevis Assy, Cylinder, 1.500 | 1 | |
| 12 | 8512889 | Cylinder, Air, 5x2/5x18, Tandem (Repair parts on Page F-74) | 1 | |
| 13 | 8502055 | Bracket, Tandem Cyl, Anti-Rotate | 1 | |
| 14 | 8507061 | Clevis Assy, Cylinder, SS | 1 | |
| 15 | 8501728 | Arm, Cyl Mount, Fixed, EP | 1 | |
| 16 | 8507087 | Pin, Clevis, .75 x 2.75 | 1 | |
| 17 | 8512686 | Bracket, Cyl Mount, Lift Paral | 2 | |
| 18 | 1431118 | Bushing, Hex, Brs, 1/2 x 1/4 | 4 | |
| 19 | 8507015 | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 | |
| 20 | 8570630 | Valve, Exhaust | 1 | |
| 21 | 3554159 | Conn, Push, 5/32 OD x 1/8 NPT | 1 | |
| 22 | 8551136 | Muffler, Filter, 1/4 NPT | 1 | |
| 23 | 3556891 | Conn, Swl, Elb, 3/8 OD x 1/4 NPT | 3 | |
| 24 | 8501198 | Valve, Control, Flow, 1/4 NPT | 1 | |
| 25 | 1430200 | Elbow, Street, 90 Deg, Brs, 1/4 | 1 | |
| 26 | 1432100 | Nipple, Brs, 1/4 x 2 | 2 | |
| 27 | 8510969 | Valve, Air, 1/4, 5 Port/2 Pos | 1 | |
| 28 | 8512700 | Collar, Lock, 2.375 | 2 | |
| 29 | 8512696 | Sprocket, 19T, #80, 2.438 Bore | 1 | |
| 30 | 8512683 | Clevis Assy, Cylinder, 1.5 | a/r | |
| 31 | 1174109 | CSCR, Hex, 3/4-10 x 3-1/2, ZP | a/r | |
| 33 | 1283292 | Washer, Plain, 3/4, ZP | a/r | |
| 34 | 8514364 | Plate, Base, Chain, Tensioner, Left | a/r | |
| 35 | 8514265 | Plate, Base, Chain, Tensioner, Right | a/r | |
| 36 | 8514266 | Slide, Chain, Tensioner | a/r | |
| 37 | 8514267 | Chain, Tensioner Assy, Left | a/r | |
| 38 | 8514268 | Chain, Tensioner Assy, Right | a/r | |
| 39 | 8513445 | Valve, Gating, Air Operate | a/r | |
| 40 | 1280358 | Nut, Elas, Lock, 3/4 - 10, ZP | a/r | |



2002-2005 Version

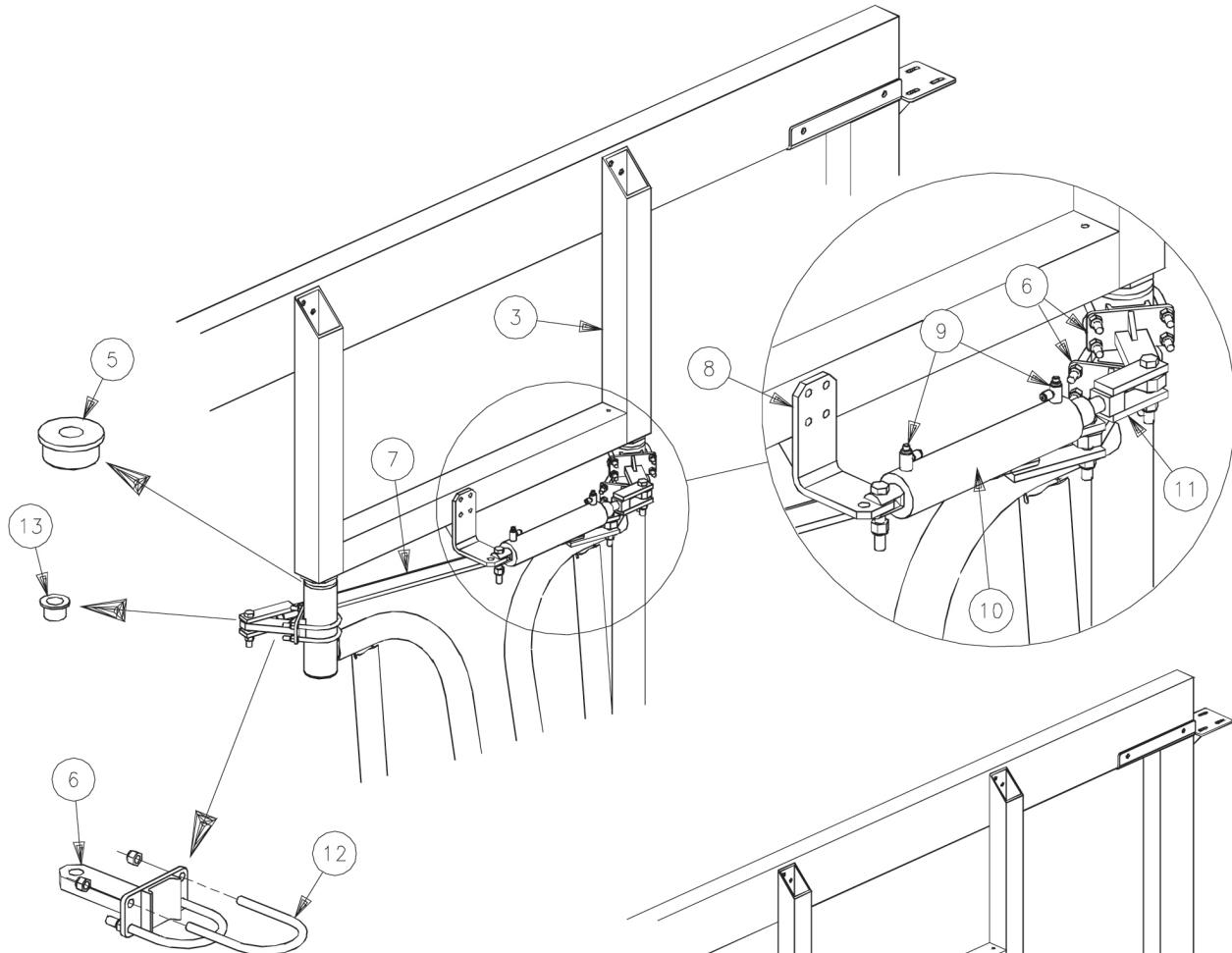


2005-2007 Version

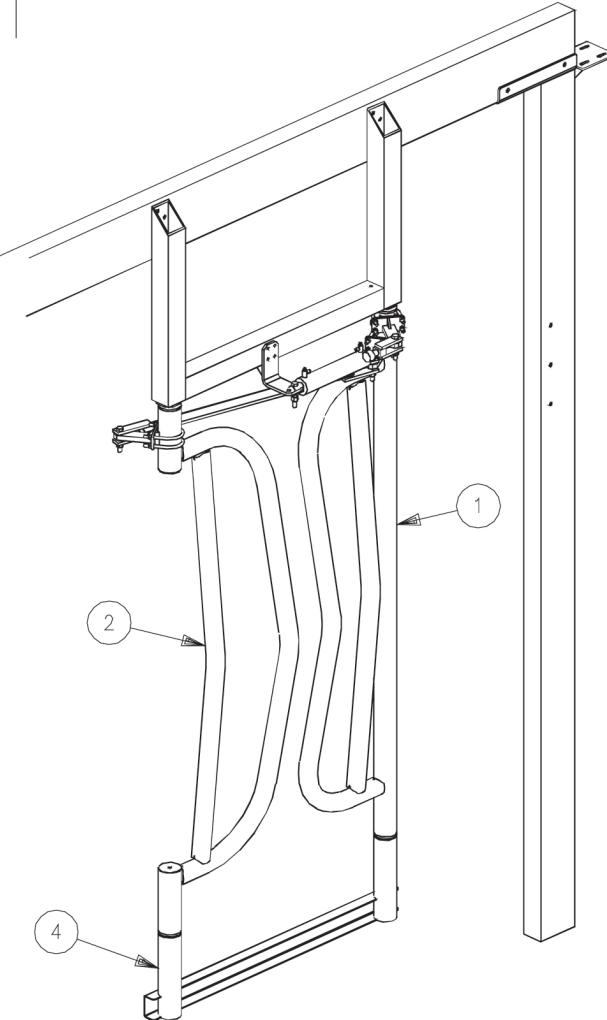


Xcalibur Parallel Stall Heavy-Duty Entrance Gate Detail

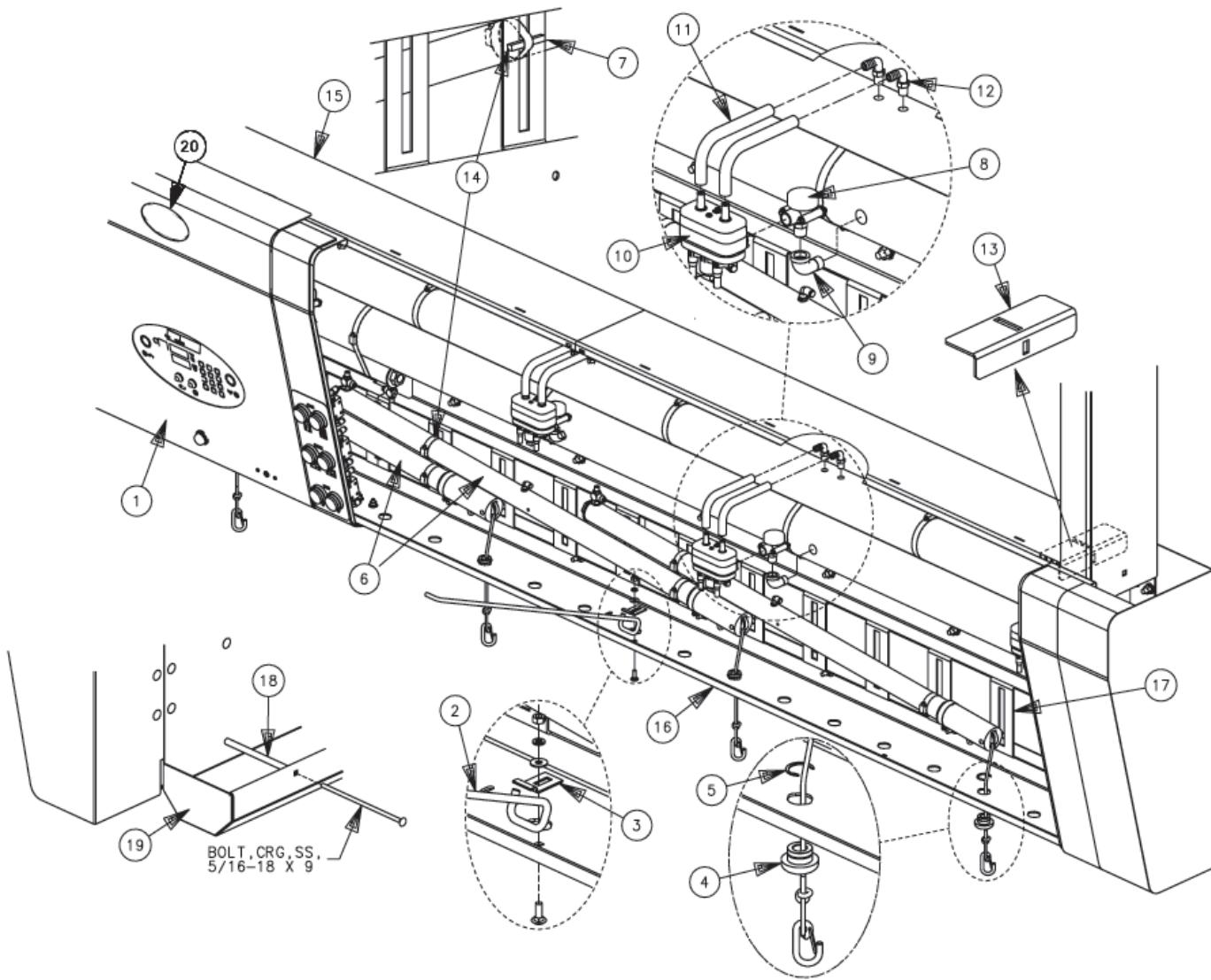
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| SECTION F | PAGE 9 |
| EFFECTIVE: 10/15/04 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------------------------------|----------|--|-----------------------------------|
| Heavy-Duty Entrance Gate Detail | | | |
| 1 | 8512665 | Gate Assy, Entr, Outer, HD | 1 |
| 2 | 8512666 | Gate Assy, Entr, Pit Side, HD | 1 |
| 3 | 8512503 | Bracket Assy, Entr Gate, Excal | 1 |
| 4 | 85126721 | Chan Assy, Entr Gate, Pedestal, HD | 1 |
| 5 | 85124704 | Bushing, Flanged, 1.06 x 2.46 | 4 |
| 6 | 8512681 | Lever Assy, Pipe Mount | 3 |
| 7 | 8501795 | Rod Assy, Connect, Entr Gate | 1 |
| 8 | 8512678 | Brkt Assy, Entr Gate, Cyl | 1 |
| 9 | 8507135 | Valve, Control, Flow, 1/4 NPT x 5/32 Cylinder, Air, 2.00 x 8.00 | 2 |
| 10 | 8553518 | (See Page F-74 for cylinder repair kits) | 1 |
| 11 | 8552446 | Clevis Assy, Rod | 1 |
| 12 | 8512895 | U-Bolt, ZP, 3/8-16, 3.0 ID, F-Thrd | 6 |
| 13 | 8590363 | Bearing, Flanged, .63 OD x .50 ID | 3 |



Xcalibur Parallel Cabinet Detail, Version 2002 - 2005



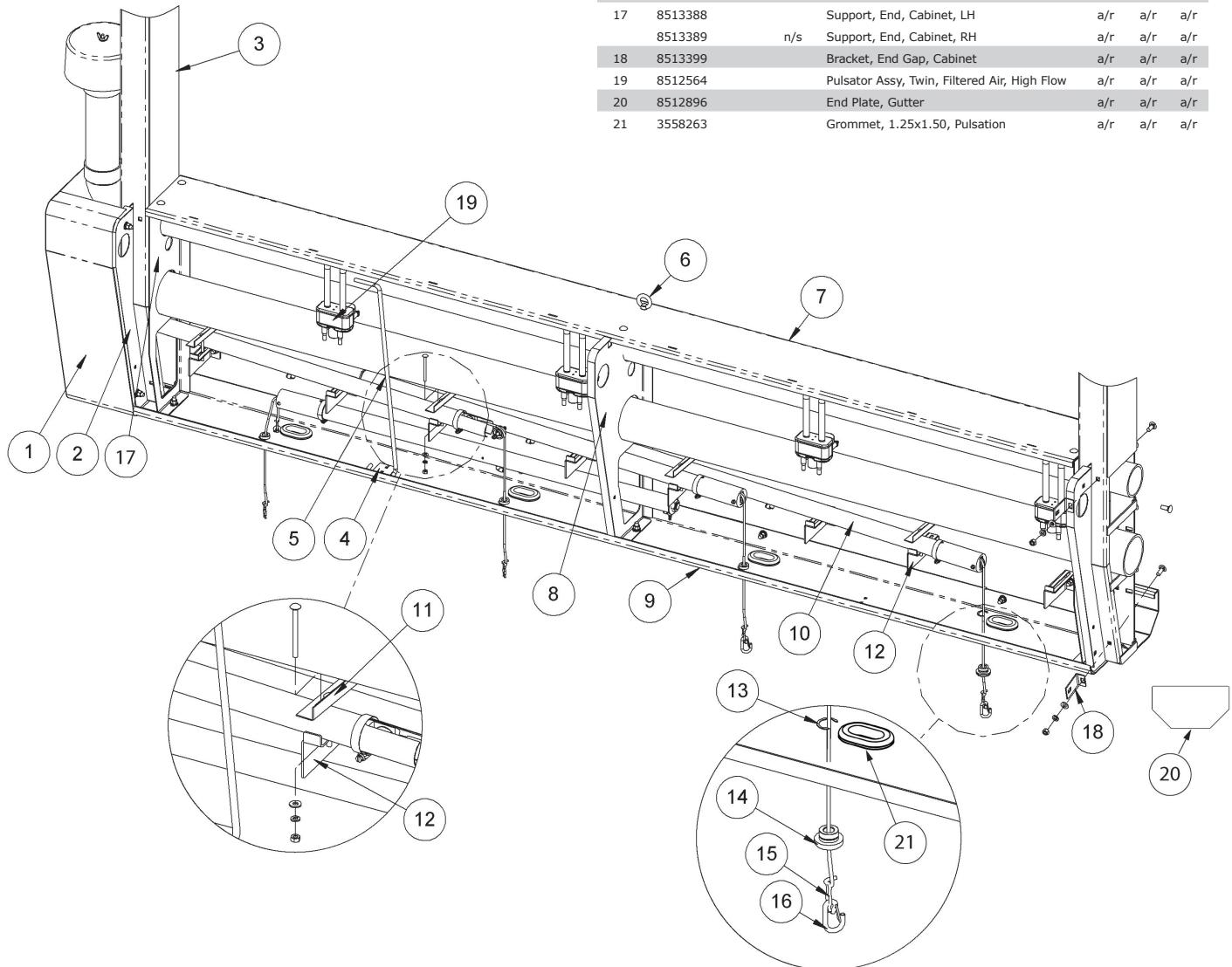
| ITEM | PART NO. | QTY REQ. (a/r=AS REQ.) | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|---------------------------|--|---------------------------|
| - | --- | - | Xcalibur Parallel Cabinet Detail | - |
| 1 | 3558426 | a/r | Cover Assy, 2 Stall, D/M | |
| | 3558427 | a/r | Cover Assy, 3 Stall, D/M (Parts On Page F-12) | |
| 2 | 8510138 | a/r | Rod, Support, Cover, 30.25 | |
| 3 | 8510140 | a/r | Bracket, Cover, Rod | |
| 4 | 8510321 | a/r | Bushing, Chain Guide | |
| 5 | 3555913 | a/r | Ring, Retaining, Ext, Cres, 1.000 | |
| 6 | 3557797 | a/r | Cyl Assy, Detr, Air, Horiz, Rope (Parts On Page F-46) | |
| 7 | 8513685 | a/r | Key, ZP, $\frac{1}{4}$ Sq x 2 In | |
| 8 | 8517600 | a/r | Stallcock, Die-Cast, 3/8 NPT (Parts On Page C-42) | |
| 9 | 1400201 | a/r | Elbow, Street, 90 Deg, Galv, 3/8 | |
| 10 | 8514076 | a/r | Pulsator Assy, Twin, w/Nipple | |
| 11 | 8506805 | a/r | Hose, Vinyl, .38 x .125w, Blk/Wht | |
| 12 | 3553790 | a/r | Elbow, 90, Nyl, 1/4 NPT x 3/8 Hose | |
| 13 | 8512641 | a/r | Bracket, Support, Cabinet | |
| 14 | 8514033 | a/r | Clamp, Hose, SS, #36, 1.80-2.75 | |
| | 8512653 | a/r | Back, Rear End, Parallel, 4Cow | |
| 15 | 8512652 | a/r | Back, Rear End, Parallel, 3Cow, RH | |
| | 8512651 | a/r | Back, Rear End, Parallel, 3Cow, LH | |
| | 8512650 | a/r | Back, Rear End, Parallel, 2Cow, RH | |
| 16 | 8512649 | a/r | Bottom, Rear End, Parallel, 5-Cow | |
| | 8512648 | a/r | Bottom, Rear End, Parallel, 4-Cow | |
| | 8512647 | a/r | Bottom, Rear End, Parallel, 3-Cow | |

| ITEM | PART NO. | QTY REQ. (a/r=AS REQ.) | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|---------------------------|---|---------------------------|
| - | --- | - | Xcalibur Parallel Cabinet Detail | - |
| 17 | 8512646 | a/r | Stiffener/Bracket, Cabinet, 3-Cow | |
| | 8512645 | a/r | Stiffener/Bracket, Cabinet, 2-Cow | |
| 18 | 8512698 | a/r | Tube, SS, .500 x .065 x 7.50 | |
| 19 | 8512896 | 4 | Plate, End, Gutter, Xcal 2890 | |
| 20 | 3558540 | a/r | KIT,STALL NUMBER 1-10 | |
| | 3558541 | a/r | KIT,STALL NUMBER 11-20 | |
| | 3558542 | a/r | KIT,STALL NUMBER 21-30 | |
| | 3558543 | a/r | KIT,STALL NUMBER 31-40 | |
| | 3558544 | a/r | KIT,STALL NUMBER 41-50 | |
| | 3558545 | a/r | KIT,STALL NUMBER 51-60 | |
| | 3558546 | a/r | KIT,STALL NUMBER 61-70 | |
| | 3558547 | a/r | KIT,STALL NUMBER 71-80 | |
| | 3558548 | a/r | KIT,STALL NUMBER 81-90 | |
| | 3558549 | a/r | KIT,STALL NUMBER 91-100 | |
| | 3558550 | a/r | KIT,STALL NUMBER 101-110 | |
| | 3558551 | a/r | KIT,STALL NUMBER 111-120 | |
| | 3562806 | a/r | KIT,STALL NUMBER 121-130 | |
| | 3562805 | a/r | KIT,STALL NUMBER 131-140 | |
| | 3563722 | a/r | KIT,STALL NUMBER 141-150 | |
| | 3563723 | a/r | KIT,STALL NUMBER 151-160 | |
| | 3563941 | a/r | KIT,STALL NUMBER 161-170 | |

Xcalibur Parallel Cabinet Detail, Version 2005 - 2007

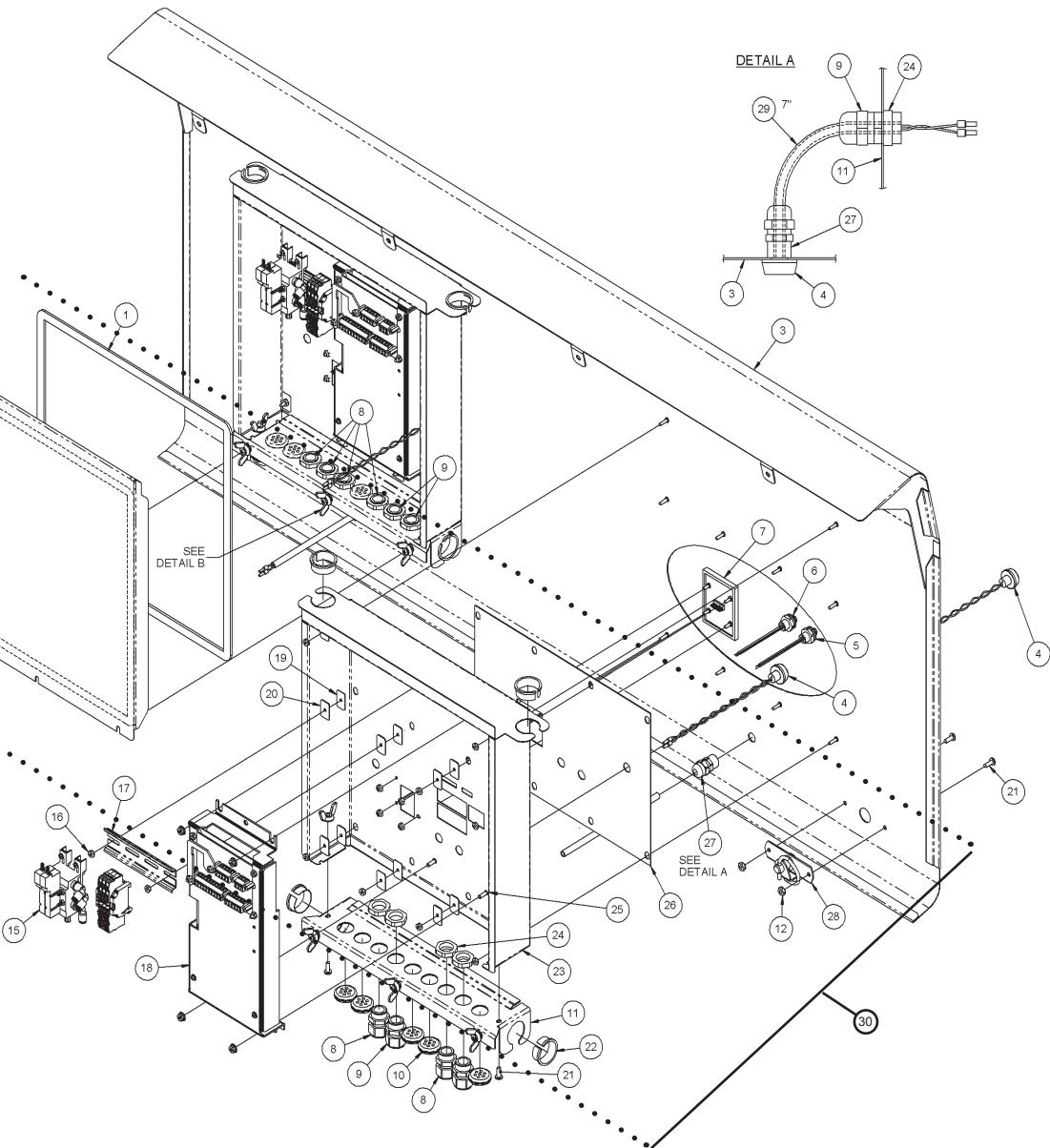
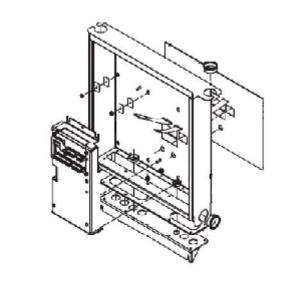
| | |
|-----------------------|-------------------|
| SECTION F | PAGE 11 |
| EFFECTIVE: 3/13/23 | |

| ITEM | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED | | |
|------|-------------|-----------------------------|---|--------------|-------------|-----|
| | | | | (a/r) | AS REQUIRED | |
| - | --- | | Cabinet Assy, Excal, Parallel, 4-Cow | 4 | | |
| - | --- | | Cabinet Assy, Excal, Parallel, 4-Cow | | 5 | |
| - | --- | | Cabinet Assy, Excal, Parallel, 4-Cow | | | 6 |
| 1 | 8513407 | | Cover Assy, Support, Parallel, RH | 1 | 1 | 1 |
| | 8513406 | n/s | Cover Assy, Support, Parallel, LH | 1 | 1 | 1 |
| 2 | 8513397 | | Plate Assy, Cap, End, Cabinet | a/r | a/r | a/r |
| 3 | 8513390 | | Support Assy, Rump Rail | a/r | a/r | a/r |
| 4 | 8513371 | | Brackt, Rod, Cabinet, Door Support | a/r | a/r | a/r |
| 5 | 8513370 | | Rod, Support, Cabinet Door | a/r | a/r | a/r |
| 6 | 8513412 | | Eyebolt, 3/8-16 x .71 x .95, SS | a/r | a/r | a/r |
| 7 | 8513378 | | Panel, Splash, Parallel, 4-Cow | a/r | - | - |
| | 8513379 | | Panel, Splash, Parallel, 5-Cow | - | a/r | - |
| | 8513380 | | Panel, Splash, Parallel, 6-Cow | - | - | a/r |
| 8 | 8513385 | | Plate Assy, Gap, Cabinet | a/r | a/r | a/r |
| 9 | 8513381 | | Bottom, Parallel, Cabinet, 4-Cow | a/r | - | - |
| | 8513382 | | Bottom, Parallel, Cabinet, 5-Cow | - | a/r | - |
| | 8513383 | | Bottom, Parallel, Cabinet, 6-Cow | - | - | a/r |
| 10 | 3557797 | | Cyl Assy, Detr, Air, Horiz, Rope (See page F-46 for Parts) | a/r | a/r | a/r |
| 11 | 8513400 | | Clamp, Cyl, Parallel Cabinet | a/r | a/r | a/r |
| 12 | 8513384 | | Bracket, Cyl, Parallel Cabinet | a/r | a/r | a/r |
| 13 | 3555913 | | Ring, Retaining, Ext, Cres, 1.00 | a/r | a/r | a/r |
| 14 | 8510321 | | Bushing, Chain Guide | a/r | a/r | a/r |
| 15 | 8516326 | | Link, Break-Away, .156, Tumbled | a/r | a/r | a/r |
| 16 | 3556991 | | Snap, Spring, SS, Looped | a/r | a/r | a/r |
| 17 | 8513388 | | Support, End, Cabinet, LH | a/r | a/r | a/r |
| | 8513389 | n/s | Support, End, Cabinet, RH | a/r | a/r | a/r |
| 18 | 8513399 | | Bracket, End Gap, Cabinet | a/r | a/r | a/r |
| 19 | 8512564 | | Pulsator Assy, Twin, Filtered Air, High Flow | a/r | a/r | a/r |
| 20 | 8512896 | | End Plate, Gutter | a/r | a/r | a/r |
| 21 | 3558263 | | Grommet, 1.25x1.50, Pulsation | a/r | a/r | a/r |



Xcalibur Perfection Parallel Cabinet Covers

Earlier enclosure Assemblies



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-------------------------------------|-----------------------------------|
| - | 3558788 | Cover Assy, 2 Stall, Perf | 8788 - |
| | 3558789 | Cover Assy, 3 Stall, Perf | - 8789 |
| 1 | 3558689 | Gasket, Neo, 12 x 0.5 x 57 | 2 3 |
| 2 | 3558625 | Cover, Enclosure, Xcalibur | 2 3 |
| 3 | 8513403 | Cover Assy, Rear, Parallel, 2-Cow | 1 - |
| | 8513404 | Cover Assy, Rear, Parallel, 3-Cow | - 1 |
| 4 | 3557988 | Switch, Door, Detacher, SS | 4 6 |
| 5 | 3558007 | LED Indicator Assy, Yellow, 17 | 2 3 |
| 6 | 3558006 | LED Indicator Assy, Red, 17 | 2 3 |
| 7 | 3555388 | Keypad, Rubber, Oval Keys | 2 3 |
| 8 | 1917535 | Conn, Str-Rif, 0.20 - 0.35, 1/2 NPT | 6 9 |
| 9 | 1917532 | Conn, Str-Rif, 0.27 - 0.46, 1/2 NPT | 3 5 |
| 10 | 3556157 | Grommet, Multipl 5/32 | 8 12 |
| 11 | 3558623 | Enclosure, Bottom | 2 3 |
| 12 | 1219380 | Nut, Hex, Keps, SS, 10-32 | 16 24 |
| 13 | 1206380 | Nut, Wing, SS, 10-32 | 10 15 |
| 14 | 1096222 | Mscr, Phn, SS, 10-32 | 6 9 |
| 15 | 3558621 | Valve, DIN Rail, PMetricx | 2 3 |
| 16 | 1219377 | Nut, Hex, Keps, SS, 6-32 | 20 30 |

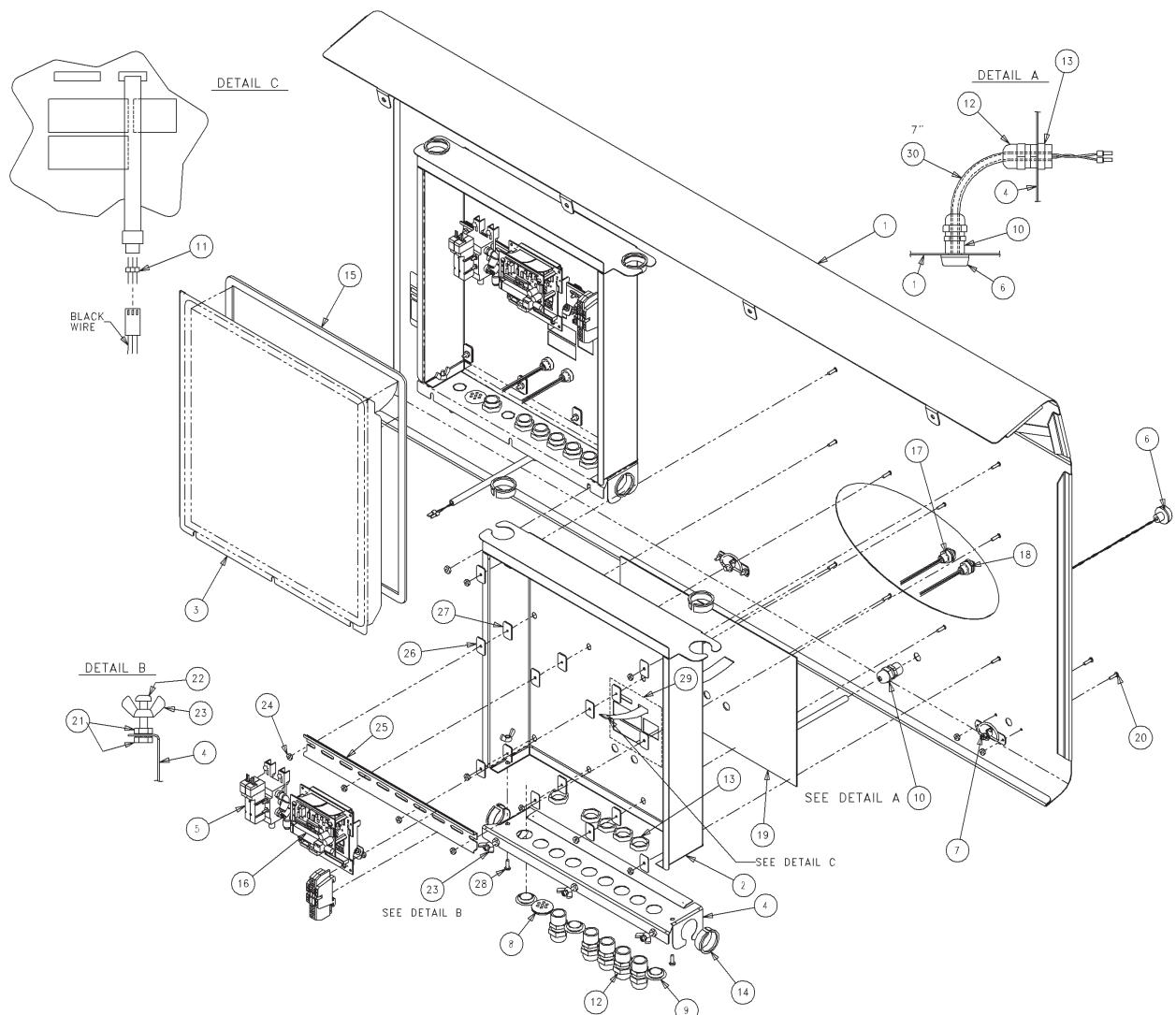
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|--|-----------------------------------|
| - | 3558788 | Cover Assy, 2 Stall, Perf | 8788 - |
| | 3558789 | Cover Assy, 3 Stall, Perf | - 8789 |
| 17 | 3558851 | Rail, Din, 5" Long x 35 MM Wide | 2 3 |
| 18 | 3557708 ¹ | Pwb & Brkt Assy, Det/Metter, Perf | 2 3 |
| 19 | 3558495 | Washer, Rubber, 0.62 x 1.00 | 20 30 |
| 20 | 3558496 | Backplate, 0.62 x 1.00 | 20 30 |
| 21 | 1096218 | Mscr, Phn, SS, 10-32 x 1/2 | 8 12 |
| 22 | 3558490 | Bushing, Open/Closed, 1.25 MTG | 8 12 |
| 23 | 3558923 | Enclosure, Xcalibur | 2 3 |
| 24 | 1917551 | Connector, Dome, Nut, 1/2 NPT | 10 15 |
| 25 | 1299181 | Stud, Weld, SS, 8-32 x 1/2 | 8 12 |
| 26 | 3558921 | Label, Door, B/M, Excal, L/Keypad | 2 3 |
| 27 | 3558680 | Adapter, Switch, Remote/Attach | 2 3 |
| 28 | 8513405 | Latch, Spring, No. 57 | 2 3 |
| 29 | 8505032 | Hose, Vinyl, 0.19 x 0.62W, Clear | a/r a/r |
| 30 | 3558926 ² | Update Assy, Xcalibur D/M, 2890 (Includes Items 1,2,4,7,19,20,23,26 and hardware) | a/r a/r |

Note:

- The LED display must be rotated 180 degrees to allow for correct viewing.
- Update assembly, Xcalibur D/M (3558926) is recommended when replacing cover and enclosure assemblies on earlier 2 & 3 stall cover assemblies (3558426 and 3558427).

Xcalibur ParlorMetrix Parallel Cabinet Covers

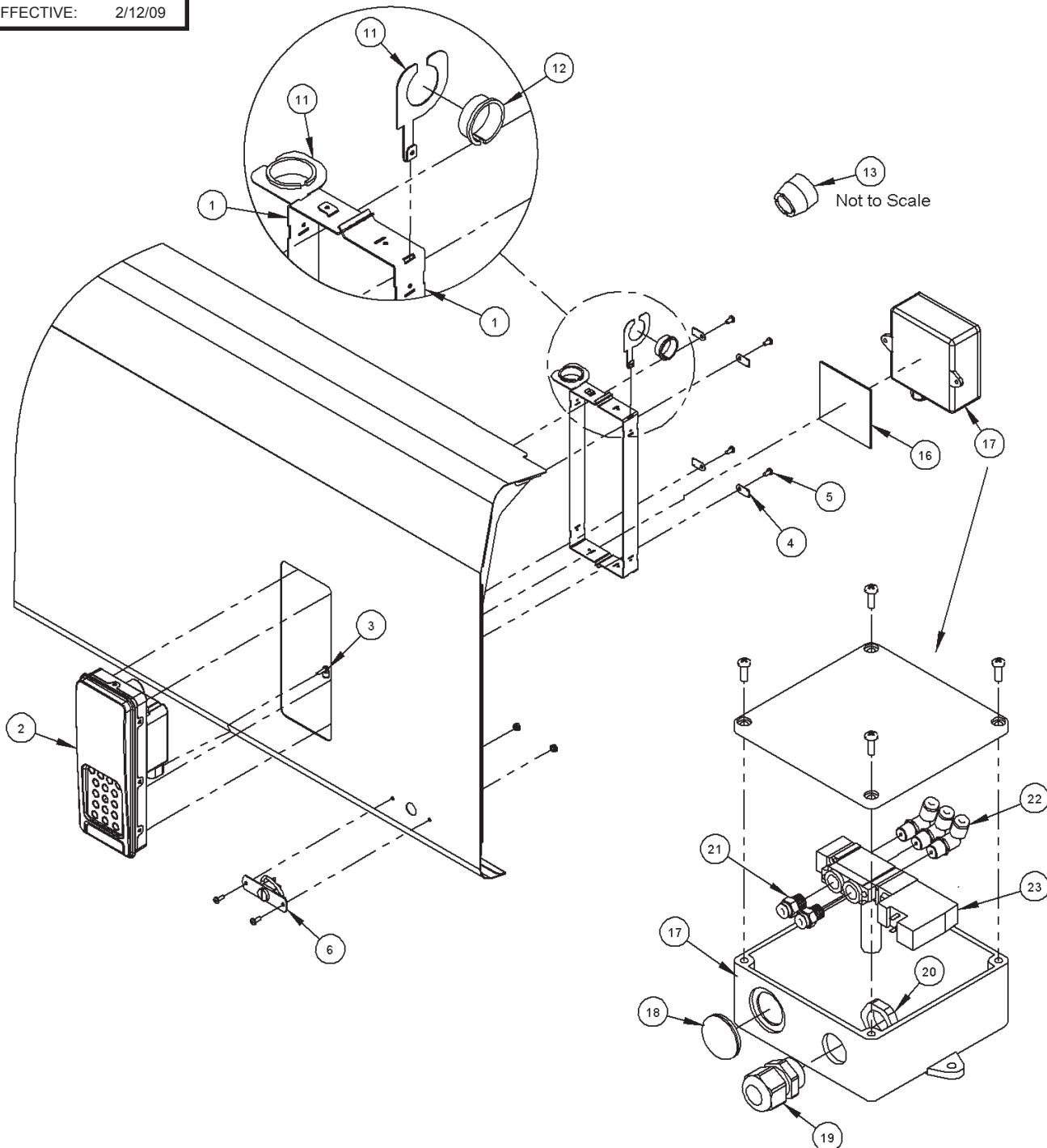
SECTION F PAGE 13
EFFECTIVE: 2/29/12



| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------|----------|-------------------------------------|-----------------------------------|
| - | 3558786 | Cover Assy, 2 Stall, PMetrix | 8786 - |
| | 3558787 | Cover Assy, 3 Stall, PMetrix | - 8787 |
| 1 | 8513403 | Cover Assy, Rear, Parallel, 2-Cow | 1 - |
| | 8513404 | Cover Assy, Rear, Parallel, 3-Cow | - 1 |
| 2 | 3558622 | Enclosure, Xcalibur | 2 3 |
| 3 | 3558625 | Cover, Enclosure, Xcalibur | 2 3 |
| 4 | 3558623 | Enclosure, Bottom | 2 3 |
| 5 | 3558621 | Valve, Din Rail, PMetrix | 2 3 |
| 6 | 3557988 | Switch, Door, Detacher, SS | 2 3 |
| 7 | 8513405 | Latch, Spring, No 57 | 2 3 |
| 8 | 3556157 | Grommet, Multiple 5/32 | 7 11 |
| 9 | 3551755 | Plug, Int. Plastic, 0.88 | a/r a/r |
| 10 | 3558680 | Adapter, Switch, Remote/Attach | 2 3 |
| 11 | 1916510 | Connector, HDR, 3-Pin x 1.00 | 2 3 |
| 12 | 1917533 | Conn, Str-Rif, .20 - .35, 1/2 NPT | 11 16 |
| 13 | 1917551 | Conn, Dome, Nut, 1/2 NPT | 11 16 |
| 14 | 3558490 | Bushing, Open/Closed, 1.25 MTG | 8 12 |
| 15 | 3558689 | Gasket, Neoprene, .12 x .50 x 57.00 | 2 3 |

| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------|----------|---|-----------------------------------|
| - | 3558786 | Cover Assy, 2 Stall, PMetrix | 8786 - |
| | 3558787 | Cover Assy, 3 Stall, PMetrix | - 8787 |
| 16 | 3658601 | *Pwb & Brt Assy, PMetrix (Parts on Page D-118) | 2 3 |
| 17 | 3558006 | LED Indicator Assy, Red, 17" | 2 3 |
| 18 | 3558007 | LED Indicator Assy, Yellow, 17" | 2 3 |
| 19 | 3558600 | Label, Door, PMetrix, Xcalibur | 2 3 |
| 20 | 1096218 | Mscr, Pnh, SS, 10 - 32 x 1/2 | 8 10 |
| 21 | 1219380 | Nut, Hex, Keps, SS, 10 - 32 | 12 18 |
| 22 | 1096222 | Mscr, Pnh, SS, 10 - 32 x 1 | 6 9 |
| 23 | 1206380 | Nut, Wing, SS, 10 - 32 | 10 15 |
| 24 | 1219377 | Nut, Hex, Keps, SS, 6 - 32 | 26 38 |
| 25 | 3558616 | Rail, Din, 13" Long x 35MM Wide | 2 3 |
| 26 | 3558496 | Backplate, .62 x 1.00 | 20 30 |
| 27 | 3558495 | Washer, Rubber, .62 x 1.00 | 20 30 |
| 28 | 1096218 | Mscr, Pnh, SS, 10 - 32 x 1/2 | 4 6 |
| 29 | 4018218 | Tape, Foil, 3.00 | a/r a/r |
| 30 | 8505032 | Hose, Vinyl, .19 x 062W, Clear | a/r a/r |

TouchPoint V Parallel Stall Detacher Assembly

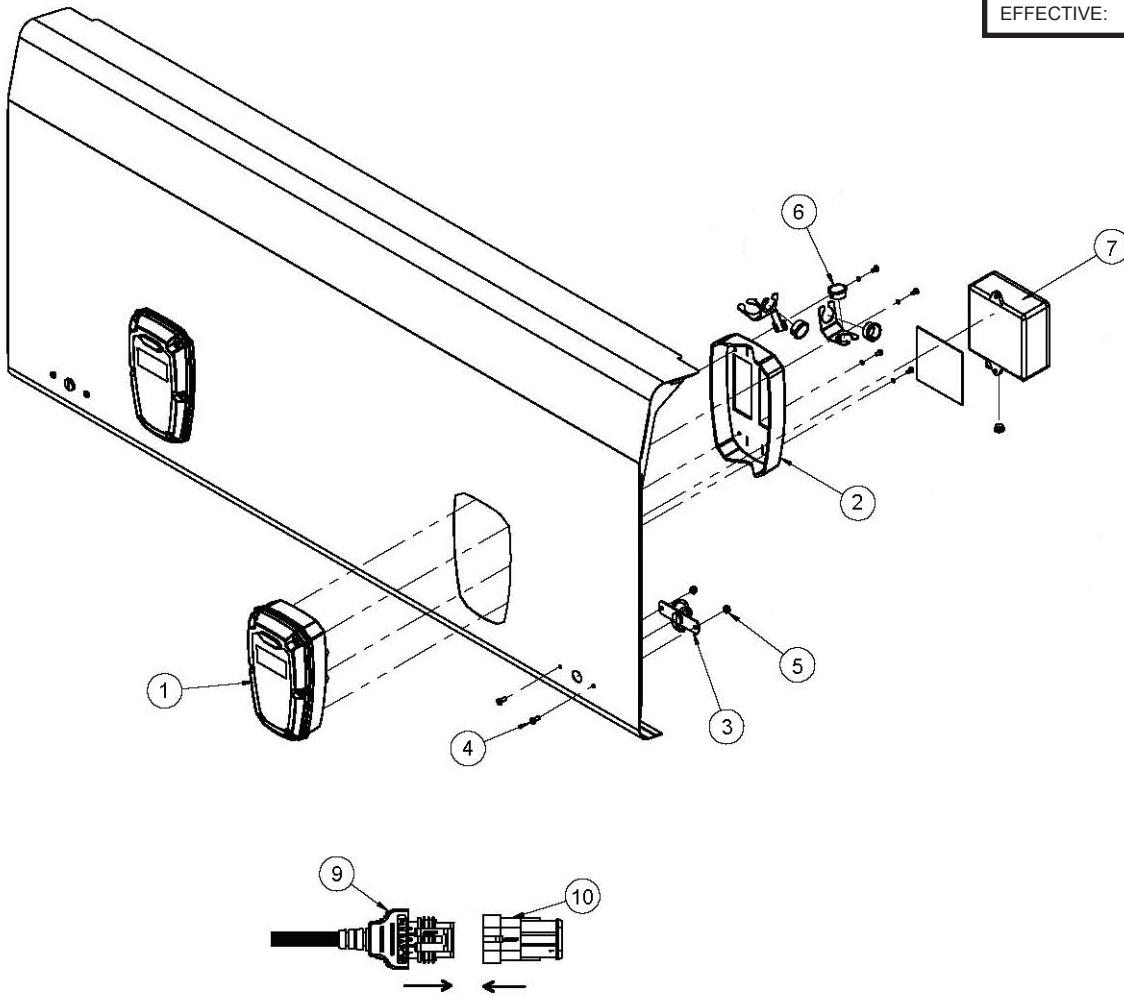


| ITEM | PART NO. | Ø=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|--|---------------------------|
| - | --- | | Cover Assy, Parallel, T-Point V | - |
| 1 | 3553927 | | Bracket, Hold Down, T-Point | 2 |
| 2 | 3559140 | ⊗ | Display Assy, TouchPoint V | 1 |
| 3 | 8504215 | | Conn, Elbow, Push-In, 5/32 | 1 |
| 4 | 3559326 | ⊗ | Bracket, Clamp, T-Point | 4 |
| 5 | 3559350 | | MSCR, PNH, SS, M5 X 6 | 4 |
| 6 | 8513405 | | Latch, Housing, No. 57 | 1 |
| 7 | 3554530 | | Hose, Nyl, Yel, 5/32 OD x 100Ft | a/r |
| 8 | 3559330 | n/s | Cable Assy, Stall to Stall | 1 |
| 9 | 3559331 | ⊗ | n/s Cable Assy, Panel to Panel | 1 |
| 10 | 3559329 | ⊗ | n/s Cable Assy, Power | 1 |
| 11 | 3559328 | | Clip, Wire, T-Point | 2 |
| 12 | 3558490 | | Bushing, Open/Closed, 1.25 Mtg | 2 |
| 13 | 3559147 | | Bushing, Cable, .265 Dia | |

| ITEM | PART NO. | Ø=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|---|---------------------------|
| - | --- | | Cover Assy, Parallel, T-Point V | - |
| 14 | 3554440 | n/s | Hose, Grn, 5/32, OD x 100 Ft | |
| 15 | 3554174 | n/s | Hose, Red, 5/32, OD x 100 Ft | |
| 16 | 3559351 | | Tape, Double Adhs, 4" x 4" | |
| 17 | 3559347 | ⊗ | Enclosure Assy, Valve, One Stall, T-P <i>(Includes items 18 thru 25)</i> | |
| 18 | 3556157 | | Grommet, Multiple, 5/32 | |
| 19 | 1917533 | | Conn, Str-Rif, .20-.35, 1/2 NPT | |
| 20 | 1917551 | | Connector, Dome, Nut, 1/2 NPT | |
| 21 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | |
| 22 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | |
| 23 | 3559301 | | Valve, 4-Way, Air, Low Power | |
| 24 | 3554115 | n/s | Hose, Nat, 5/32, OD x 100 Ft | |
| 25 | 3554530 | n/s | Hose, Yel, 5/32, OD x 100 Ft | |

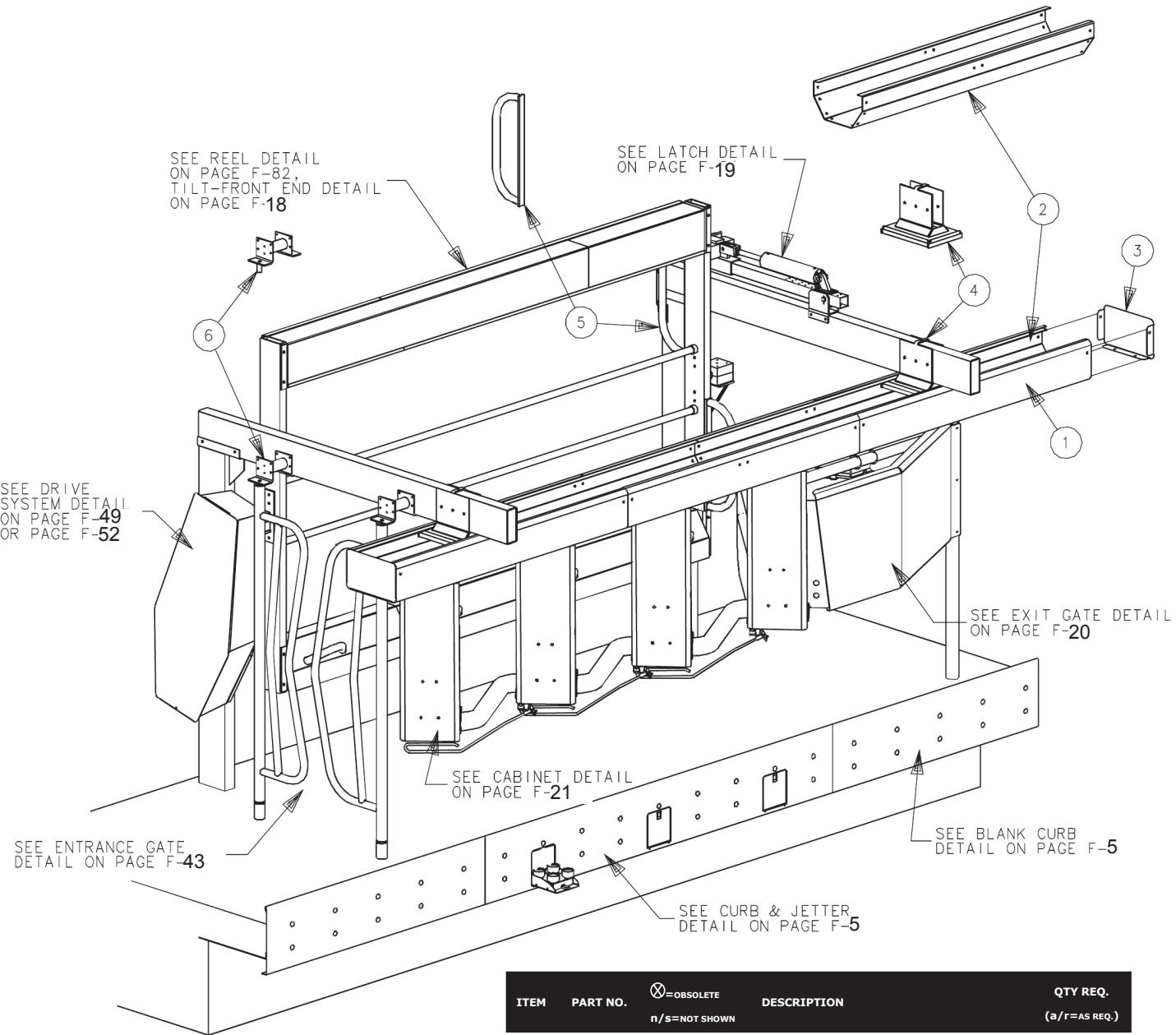
AMI 5450 Cover Assembly

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 15 |
| EFFECTIVE: 2/13/14 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | |
|------|----------|-----------------------------|------------------------------|-----------------------------------|-----|-----|-----|
| | | | | 372 | - | - | - |
| | 3562372 | n/s | COVER ASSY,2-COW,SQ,5450,AIR | 372 | - | - | - |
| | 3562377 | n/s | COVER ASSY,3-COW,SQ,5450,AIR | - | 377 | - | - |
| | 3562392 | n/s | COVER ASSY,3-COW,RD,5450,AIR | - | - | 392 | - |
| | 3562397 | | COVER ASSY,2-COW,RD,5450,AIR | - | - | - | 397 |
| 1 | 3562341 | | CONTROL ASSY,5450 | 2 | 3 | 3 | 2 |
| 2 | 3562311 | | ENCLOSURE,MOUNT,5450 | 2 | 3 | 3 | 2 |
| 3 | 8513405 | | LATCH,SPRING,NO. 57 | - | - | 2 | 2 |
| 4 | 1096218 | | MSCR,PNH,SS,10-32 X 1/2 | - | - | 4 | 4 |
| 5 | 1222380 | | NUT,LOCK,ELAS,SS,10-32 | - | - | 4 | 4 |
| 6 | 3562376 | | BUSHING,SPLIT,NYLON,OCB-1000 | 6 | 9 | 9 | 6 |
| 7 | 3560105 | | ENCLOSURE ASSY VALVE,AIR | 2 | 3 | 3 | 2 |
| 8 | 3558635 | n/s | CONN,PUSH,TEE,1/4 X 5/32 | 2 | 3 | 3 | 2 |
| 9 | 3559777 | | CABLE ASSY,PULSATORT,84" | 2 | 3 | 3 | 2 |
| 10 | 3559782 | | CONNECTOR ASSY,CAP,M,3-PIN | 2 | 3 | 3 | 2 |

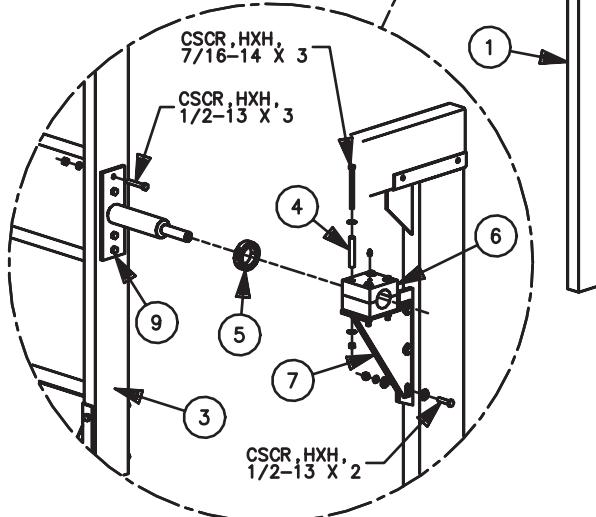
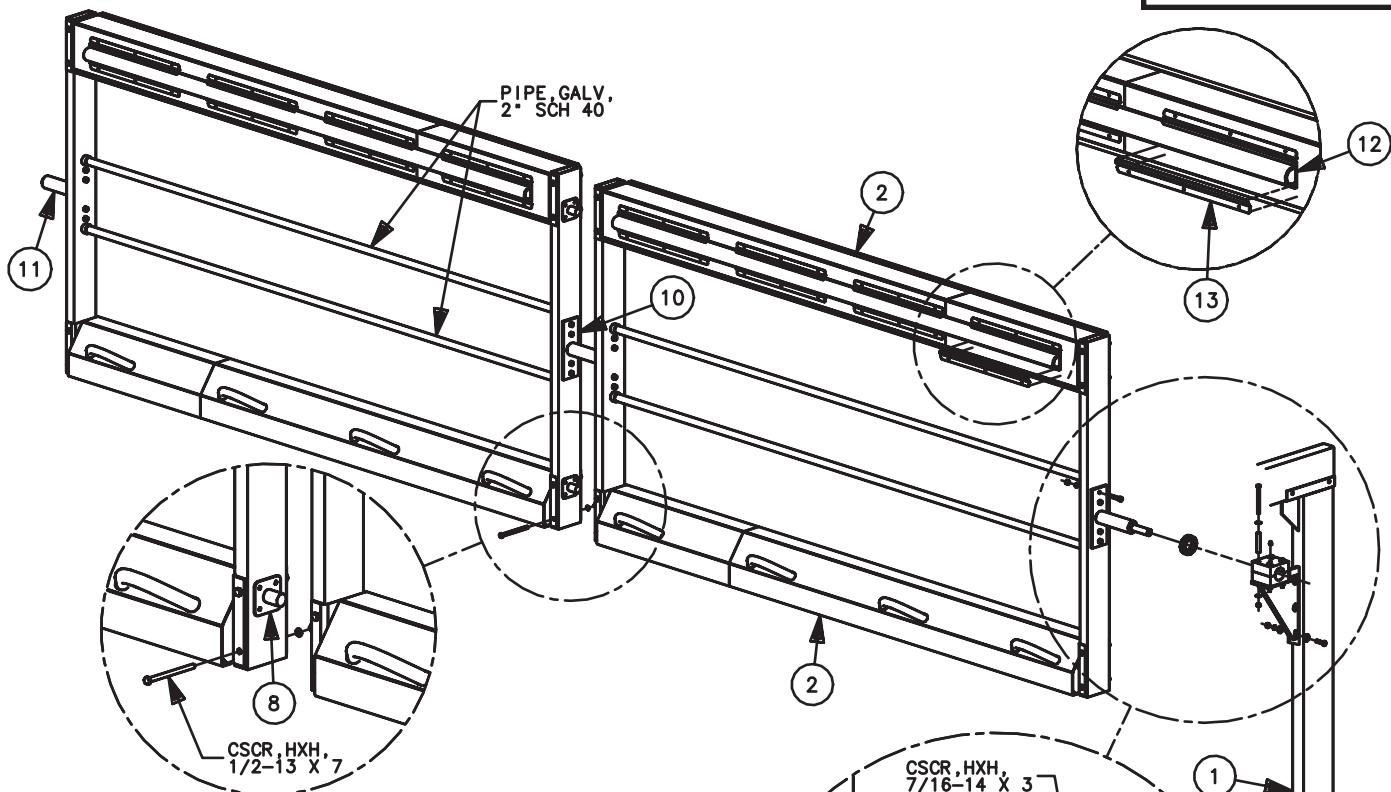
Xcalibur Herringbone Stalls



| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|----------------------------|--|---|--|
| Stall, Destiny Herringbone | | | |
| 1 | 8509966 8509903 8509900 8509902 8509906 8510971 8510972 8510973 8510974 8511173 | Cover, Raceway, LH, 36", 3-Cow Cover, Raceway, LH, 36", 2-Cow Cover, Raceway, RH, 36", 3-Cow Cover, Raceway, RH, 36", 2-Cow Cover, Raceway, RH, 36", 1-Cow, Blank Cover, Raceway, LH, 44", 3-Cow Cover, Raceway, LH, 44", 2-Cow Cover, Raceway, RH, 44", 3-Cow Cover, Raceway, RH, 44", 2-Cow Cover, Raceway, Blank, 10' | a/r a/r a/r a/r a/r a/r a/r a/r a/r a/r |
| 2 | 8509905 8509967 8510977 8510976 | Stiffener, Raceway, 36", 2-Cow Stiffener, Raceway, 36", 3-Cow Stiffener, Raceway, 44", 2-Cow Stiffener, Raceway, 44", 3-Cow | a/r a/r a/r a/r |
| 3 | 8509899 | Cap, End, Raceway | 2 |
| 4 | 8509894 | Support Assy, Raceway, Hbone | a/r |
| 5 | 8509405 | Loop Ass, Reel End Sprt, Exit | 2 |
| 6 | 8509658 | Bracket Assy, Hinge, Entr Gate | 2 |
| 7 | ----- | Literature 9E-844 <i>(Installation Instructions)</i> | ref |

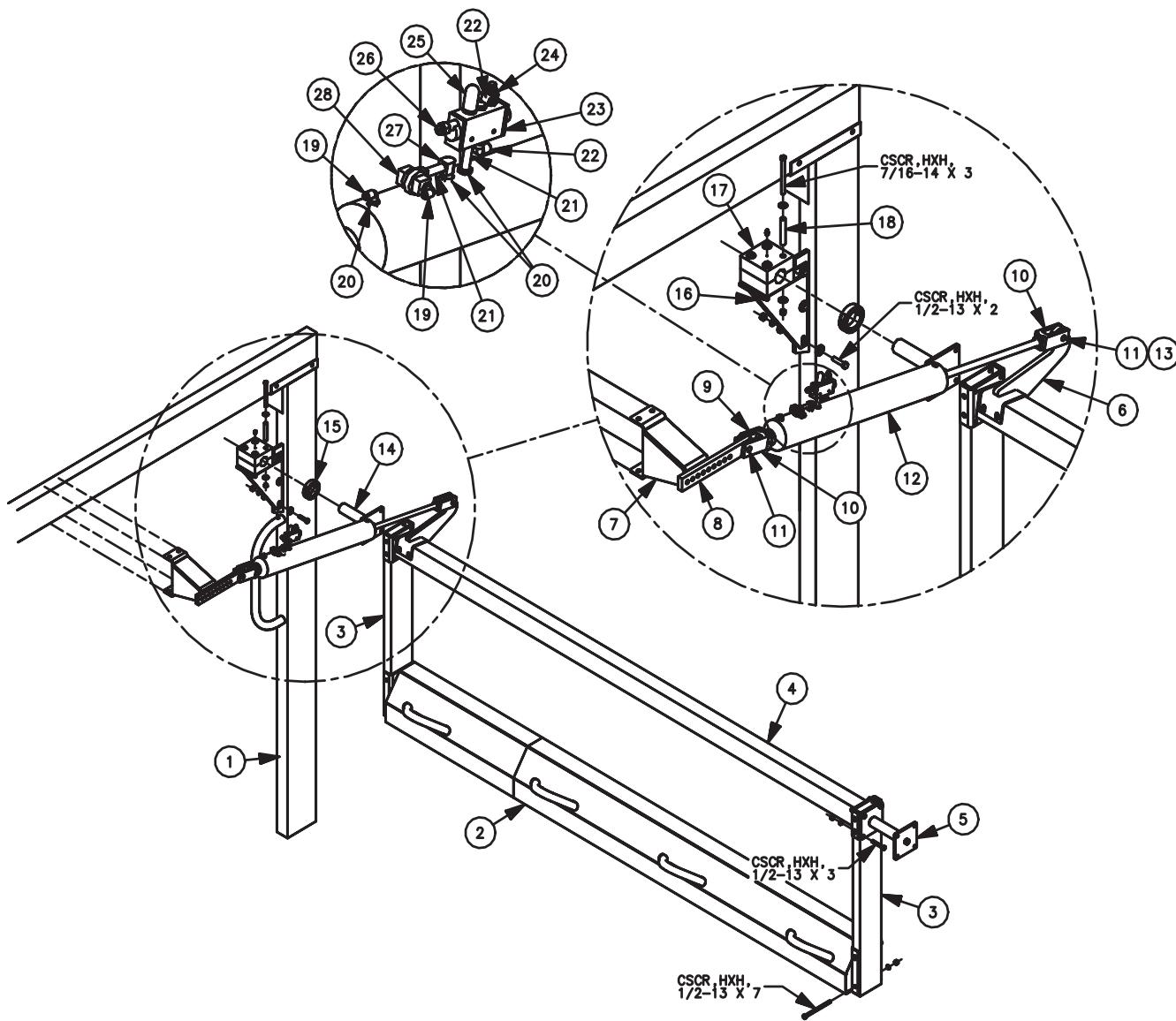
Xcalibur Herringbone Reel Detail

SECTION F PAGE 17
EFFECTIVE: 9/15/03



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------------------------------------|----------|------------------------------------|-----------------------------------|
| Reel Detail, Xcalibur Hbone | | | |
| 1 | 8509661 | Support Post Assy, 3x8, Hbone | a/r |
| 2 | 8509840 | Brskt Assy, 3 Cow, 36" Ctr, HB | a/r |
| 2 | 8509841 | Brskt Assy, 4 Cow, 36" Ctr, HB | a/r |
| 2 | 8509842 | Brskt Assy, 5 Cow, 36" Ctr, HB | a/r |
| 2 | 8509843 | Brskt Assy, 6 Cow, 36" Ctr, HB | a/r |
| 2 | 8511350 | Brskt Assy, 3 Cow, 36" Ctr, HB, SS | a/r |
| 2 | 8511351 | Brskt Assy, 4 Cow, 36" Ctr, HB, SS | a/r |
| 2 | 8511352 | Brskt Assy, 5 Cow, 36" Ctr, HB, SS | a/r |
| 2 | 8511353 | Brskt Assy, 6 Cow, 36" Ctr, HB, SS | a/r |
| 2 | 8510978 | Brskt Assy, 3 Cow, 44" Ctr, HB | a/r |
| 2 | 8510979 | Brskt Assy, 4 Cow, 44" Ctr, HB | a/r |
| 2 | 8510980 | Brskt Assy, 5 Cow, 44" Ctr, HB | a/r |
| 2 | 8511633 | Brskt Assy, 3 Cow, 44" Ctr, HB, SS | a/r |
| 2 | 8511634 | Brskt Assy, 4 Cow, 44" Ctr, HB, SS | a/r |
| 2 | 8511635 | Brskt Assy, 5 Cow, 44" Ctr, HB, SS | a/r |
| 3 | 8510229 | End Sprt Assy, Reel, HB Stall | a/r |
| 4 | 8501909 | Pipe, 304, Sch 40, .68 x 4.00 | 4 |
| 5 | 8509836 | Collar, Shaft, 2.50, Split | 1 |
| 6 | 8500952 | Bearing, Reel, 2.5" Shaft | 1 |
| 7 | 8590245 | Gusset Assy, Reel Bearing | 1 |
| 8 | 8509835 | Stop Assy, End Support, Reel | a/r |
| 9 | 8509801 | Shaft Assy, Reel, Drive, XX, HD | 1 |
| 10 | 8509804 | Shaft Assy, 12.75, XX, HD | a/r |
| 11 | 8509805 | Shaft Assy, Idle, XX, HD | 1 |
| 12 | 8510240 | Extrusion, Bumper, Reel, 10 Ft | a/r |
| 13 | 8510241 | Bracket, Bumper, Reel, 2 Ft, Galv | a/r |
| | 8510242 | Bracket, Bumper, Reel, 2 Ft, SS | a/r |

Xcalibur Herringbone Tilt Front-End Detail

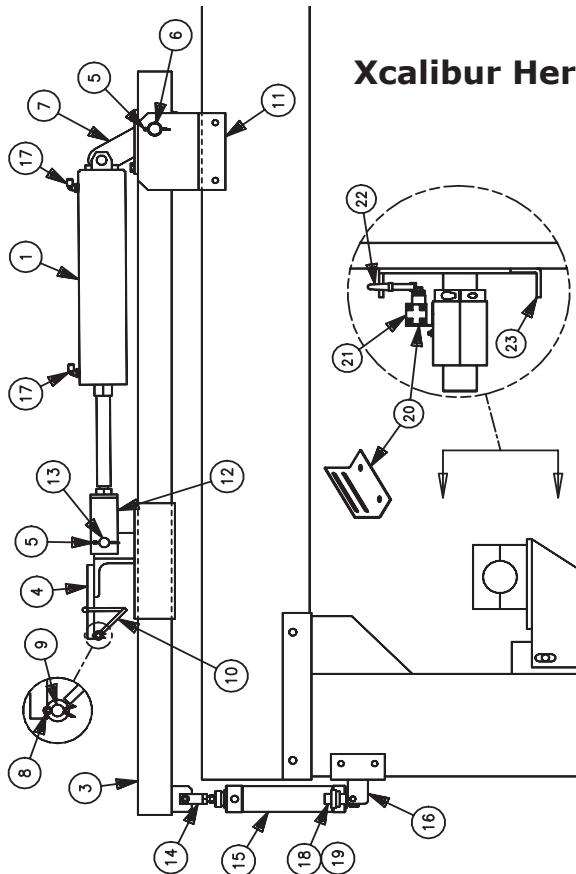


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------|------------------------------------|-----------------------------------|
| - | --- | Tilt Front-End Detail, Herringbone | - |
| 1 | 8509661 | Support Post Assy, 3x8, Hbone | a/r |
| 2 | 8509840 | Brskt Assy, 3 Cow, 36" Ctr, HB | a/r |
| | 8509841 | Brskt Assy, 4 Cow, 36" Ctr, HB | a/r |
| | 8509842 | Brskt Assy, 5 Cow, 36" Ctr, HB | a/r |
| | 8509843 | Brskt Assy, 6 Cow, 36" Ctr, HB | a/r |
| 8511350 | ⊗ | Brskt Assy, 3 Cow, 36" Ctr, HB, SS | a/r |
| 8511351 | ⊗ | Brskt Assy, 4 Cow, 36" Ctr, HB, SS | a/r |
| 8511352 | ⊗ | Brskt Assy, 5 Cow, 36" Ctr, HB, SS | a/r |
| 8511353 | ⊗ | Brskt Assy, 6 Cow, 36" Ctr, HB, SS | a/r |
| 8510978 | | Brskt Assy, 3 Cow, 44" Ctr, HB | a/r |
| 8510979 | | Brskt Assy, 4 Cow, 44" Ctr, HB | a/r |
| 8510980 | | Brskt Assy, 5 Cow, 44" Ctr, HB | a/r |
| 8511633 | ⊗ | Brskt Assy, 3 Cow, 44" Ctr, HB, SS | a/r |
| 8511634 | | Brskt Assy, 4 Cow, 44" Ctr, HB, SS | a/r |
| 8511635 | | Brskt Assy, 5 Cow, 44" Ctr, HB, SS | a/r |
| 3 | 8510957 | End Sprt, Gate, Tilt HB | 2 |
| 4 | 8510964 | Tube Assy, Pivot, 3-Cow 36" Ctr | a/r |
| | 8510965 | Tube Assy, Pivot, 4-Cow 36" Ctr | a/r |
| | 8510966 | Tube Assy, Pivot, 5-Cow 36" Ctr | a/r |
| | 8510967 | Tube Assy, Pivot, 6-Cow 36" Ctr | a/r |
| | 8511084 | Tube Assy, Pivot, 3-Cow 44" Ctr | a/r |
| | 8511085 | Tube Assy, Pivot, 4-Cow 44" Ctr | a/r |
| | 8511086 | Tube Assy, Pivot, 5-Cow 44" Ctr | a/r |
| 5 | 8501738 | Shaft, Reel, 10", EP | a/r |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-------------------------------------|-----------------------------------|
| - | --- | Tilt Front-End Detail, Herringbone | - |
| 6 | 8501724 | Bracket Assy, Cl, Rod End, EP | 1 |
| 7 | 8511552 | Brkt Assy, Cyl Mount, Tilt Hbone | 1 |
| 8 | 8501728 | Arm, Cyl Mount, Fixed, EP | 1 |
| 9 | 8502055 | Bracket, Tandem, Cyl, Ant-Rotate | 1 |
| 10 | 8507061 | Clevis Assy, Cylinder, SS | 2 |
| 11 | 8507087 | Pin, Clevis, .75 x 2.75 | 2 |
| 12 | 8501727 ¹ | Cylinder, Air, 4 x 2/4 x 18 Tandem | 1 |
| 13 | 8501841 | Bushing, Bronze, .750 x 1.00 x .875 | 1 |
| 14 | 8501739 | Shaft, Reel, Idle, EP | 2 |
| 15 | 8502744 | Collar, Shaft, 2.00, Split | 2 |
| 16 | 8590245 | ⊗ Gusset Assy, Reel Bearing | 1 |
| 17 | 8501901 | Bearing, Reel, 5 x 5 x 2 In. | 1 |
| 18 | 8501909 | Pipe, 304 Sch 40, .68 x 4.00 | 4 |
| 19 | 8507015 | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 |
| 20 | 1431117 | Bushing, Hex, Brs, 3/8 x 1/4 | 3 |
| 21 | 1432100 | Nipple, Brs, 1/4 x 2 | 2 |
| 22 | 8507015 | Conn, Swl, Elb, 1/4 OD x 1/4 NPT | 2 |
| 23 | 8510969 | Valve, Air, 1/4, 5 Port / 2 Pos | 1 |
| 24 | 8501198 | Valve, Contro, Flow, 1/4 NPT | 1 |
| 25 | 8551136 | Muffler, Filter, 1/4 NPT | 1 |
| 26 | 3554159 | Conn, Push, 5/32 OD x 1/8 NPT | 1 |
| 27 | 1430200 | Elbow, Street, 90 Deg, Brs, 1/4 | 1 |
| 28 | 8570630 | Valve, Exhaust | 1 |

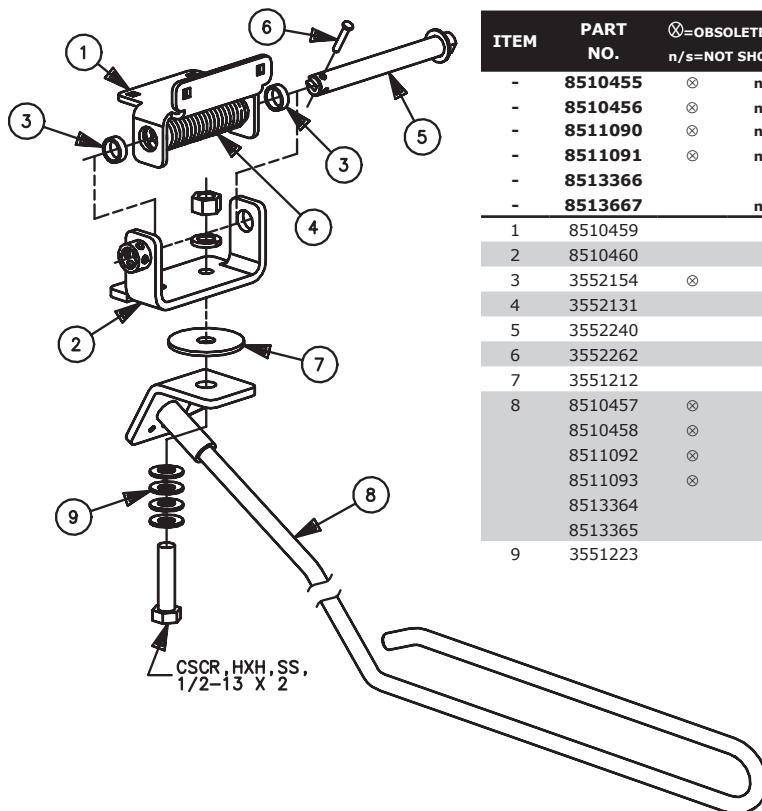
Note: 1. See page F-74 for cylinder repair kits.

Xcalibur Herringbone Latch Detail



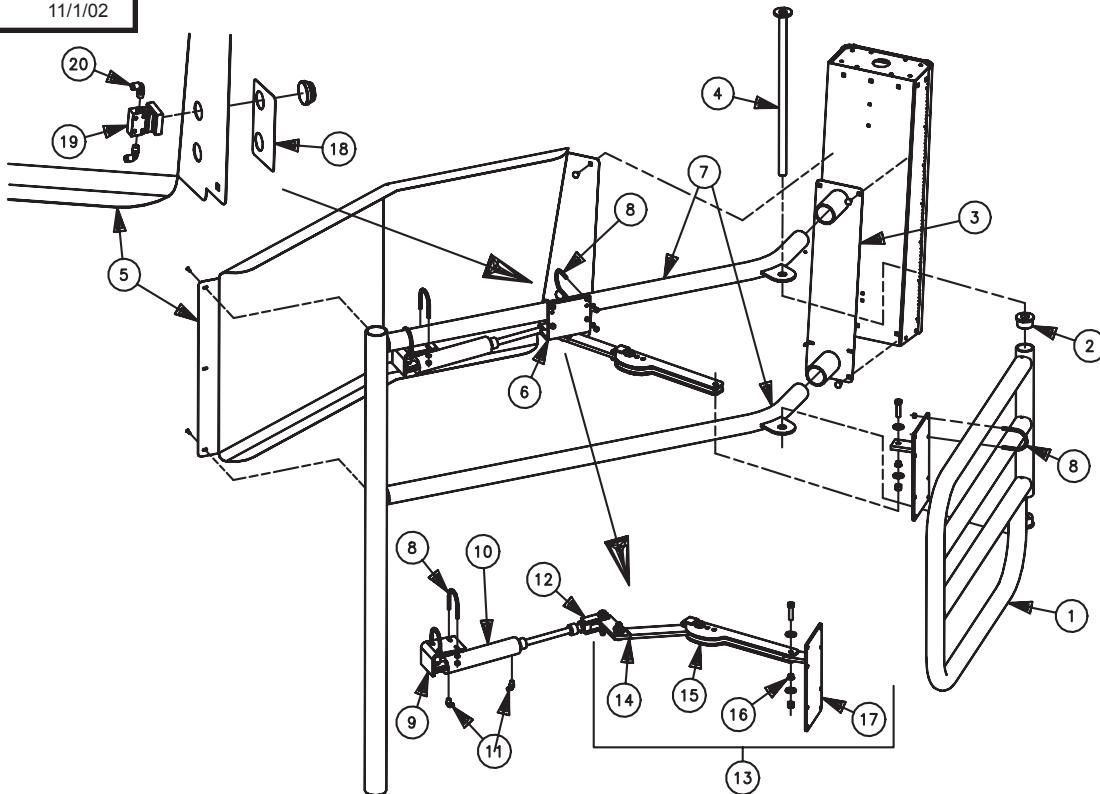
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|--------------------------------------|----------|-----------------------------|---|-----------------------------------|
| Exit Gate Detail, Herringbone | | | | |
| 1 | 8503823 | | Cyl Assy, 3.25 x 12.00, w/Spring | 1 |
| 2 | 8509812 | | Latch Assy, Hbone (Includes items 3 thru 11) | 1 |
| 3 | 8509811 | | Tube Assy, Latch, HB | 1 |
| 4 | 8509809 | | Clevis Assy, Latch Assy, Hb | 1 |
| 5 | 1210415 | | Pin, Cotter, SS, 1/8 x 1-1/2 | 3 |
| 6 | 8571023 | | Pin, Clevis, 1.00 x 4.00 | 1 |
| 7 | 8590310 | | Clevis Assy, Air Cylinder | 1 |
| 8 | 1210413 | | Pin, Cotter, SS, 1/8 x 1 | 2 |
| 9 | 8518136 | | Pin, Latch assy, Xpressway | 1 |
| 10 | 8158139 | | Latch, Xpressway | 1 |
| 11 | 8509813 | | Hinge Assy, Latch Mech, HB | 1 |
| 12 | 8507061 | | Clevis Assy, Cylinder, SS | 1 |
| 13 | 8507087 | | Pin, Clevis, .75 x 2.75 | 1 |
| 14 | 8571021 | | Clevis Assy, Latch, Prl Stalls | 1 |
| 15 | 8571020 | | Cylinder, Air, 2.00 x 5.00 | 1 |
| 16 | 8509839 | | Clevis Assy, Lock Cyl Mount, HB | 1 |
| 17 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 |
| 18 | 8570630 | | Valve, Exhaust | 1 |
| 19 | 1402000 | | Nipple, Galv, 1/4 x 1-1/2 Lg | 1 |
| 20 | 8515536 | | Bracket, Limit Switch, Bearing | 1 |
| 21 | 8553477 | | Switch, Limit (Includes item 22) | 1 |
| 22 | 8500897 | | Wand, Limit Switch | 1 |
| 23 | 8515537 | | Rod, Formed, Limit Sw, End Sprt | 1 |

Zip Attach Arm Assemblies



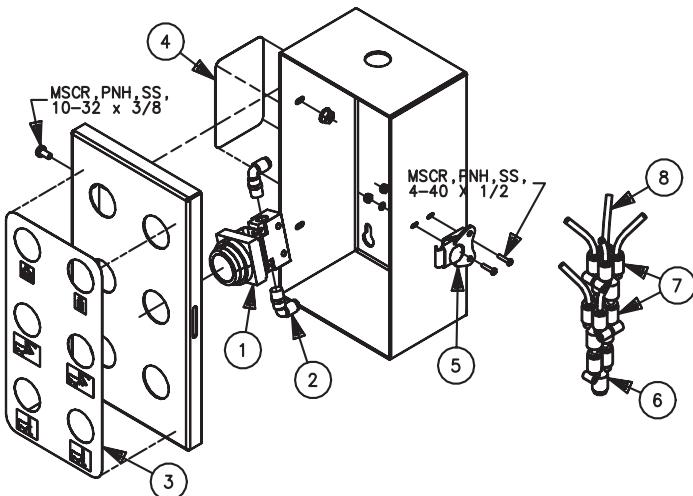
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|-----------------------------------|-----------------------------------|
| - | 8510455 | ⊗ | Arm Assy, Zip Attach, LH | 455 - - - - - |
| - | 8510456 | ⊗ | Arm Assy, Zip Attach, RH | - 456 - - - - |
| - | 8511090 | ⊗ | Arm Assy, Zip Attach, 28', LH | - - - 090 - - - |
| - | 8511091 | ⊗ | Arm Assy, Zip Attach, 28', RH | - - - - 091 - - |
| - | 8513366 | | Arm Assy, Zip Attach, RH, Short | - - - - - 366 - |
| - | 8513667 | n/s | Arm Assy, Zip Attach, LH, Short | - - - - - - 667 |
| 1 | 8510459 | | Bracket, Hinge, Arm | 1 1 1 1 1 1 1 |
| 2 | 8510460 | | Support Assy, Arm | 1 1 1 1 1 1 1 |
| 3 | 3552154 | ⊗ | Bearing, Slv, 5/8 x 3/4, 1/4 Lg | 2 2 2 2 2 2 2 |
| 4 | 3552131 | | Spring, Torsion, SS | 1 1 1 1 1 1 1 |
| 5 | 3552240 | | Shaft Assy, Flex Arm | 1 1 1 1 1 1 1 |
| 6 | 3552262 | | Pin, Clevis, SS, 3/16 x 7/8 | 1 1 1 1 1 1 1 |
| 7 | 3551212 | | Disc, Friction | 1 1 1 1 1 1 1 |
| 8 | 8510457 | ⊗ | Arm Assy, Hose Support, LH | 1 - - - - - |
| | 8510458 | ⊗ | Arm Assy, Hose Support, RH | - 1 - - - - |
| | 8511092 | ⊗ | Arm Assy, Hose Support, 28', LH | - - 1 - - - |
| | 8511093 | ⊗ | Arm Assy, Hose Support, 28', RH | - - - 1 - - |
| | 8513364 | | Arm Assy, Hose Support, RH, Short | - - - - 1 - |
| | 8513365 | | Arm Assy, Hose Support, LH, Short | - - - - - 1 |
| 9 | 3551223 | | Washer, Spring, SS, 1.00 OD | 4 4 4 4 4 4 4 |

Xcalibur Herringbone Exit Gate Detail



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|---|---------------------------|
| - | --- | | Exit Gate Detail, Herringbone | - |
| 1 | 8510843 | | Gate Assy, Exit, Hbone | 1 |
| 2 | 8506959 | | Bushing, Flanged, 1.06 x 2.06 | 2 |
| 3 | 8510282 | | Plate Assy, Mtg, Gate Fence | 1 |
| 4 | 8509922 | | Hinge Assy, Gate | 1 |
| 5 | 8510284 | | Shield, Exit Gate, LH, Hbone | 1 |
| | 8510285 | | Shield, Exit Gate, RH, Hbone | or 1 |
| 6 | 8553040 | | Plate, Pivot | 1 |
| 7 | 8510279 | | Pipe Assy, Frame, Exit Gate | 2 |
| 8 | 8501858 | | U-Bolt, ZP, 5/16-18 x 2.5ID, F-Thrd | 8 |
| 9 | 8552272 | | Bracket, Mtg, Cylinder | 1 |
| 10 | 8553518 | | Cylinder, Air, 2.00 x 8.00 (See page F-74 for cylinder repair kits) | 1 |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|--|---------------------------|
| - | --- | | Exit Gate Detail, Herringbone | - |
| 11 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 |
| 12 | 8551446 | | Clevis Assy, Rod | 1 |
| 13 | 8510280 | | Linkage Assy, Exit Gate, HB (Includes items 14 thru 17) | 1 |
| 14 | 8510289 | | Pivot Assy, Exit Gate | 1 |
| 15 | 8507150 | | Clevis Assy, Brisket Rail | 1 |
| 16 | 8590363 | | Bearing, Flanged, .630D x .50ID | 4 |
| 17 | 8510287 | | Clevis, Plate Assy, Exit Gate | 1 |
| 18 | 8510947 | | Label, Exit Gate | 1 |
| 19 | 8510669 | | Valve Assy, Pushbutton, 3-Way | 2 |
| 20 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 | 4 |

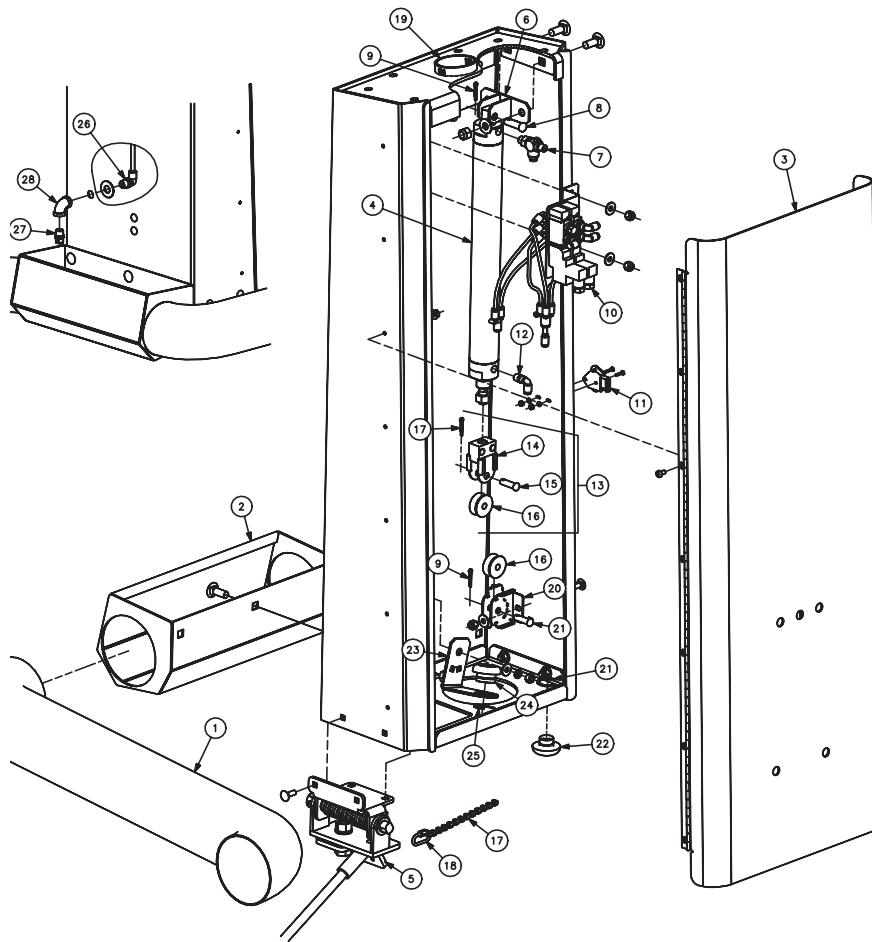


Remote Control Box Assemblies

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|----------------------------------|-----------------------------------|
| - | 8510835 | n/s | Control Box Assy, Remote | 835 - |
| - | 8510866 | ⊗ | Control Box Assy, Remote, Tilt | - 866 |
| 1 | 8510669 | | Valve Assy, Pushbutton, 3-Way | 5 6 |
| 2 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 | 10 12 |
| 3 | 8510726 | | Label, Pushbutton, Control Box | 1 - |
| | 8510867 | | Label, PB, Control Box, Tilt | - 1 |
| 4 | 8507120 | | Label, Caution, Fastlane Stall | 1 1 |
| 5 | 8515269 | | Fastener, Link-Lock | 1 1 |
| 6 | 8507088 | | Conn, Push, Union Y, 5/32 | 1 1 |
| 7 | 8590279 | | Conn, Push, Plug-In Y, 5/32 | 4 - |
| 8 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r a/r |

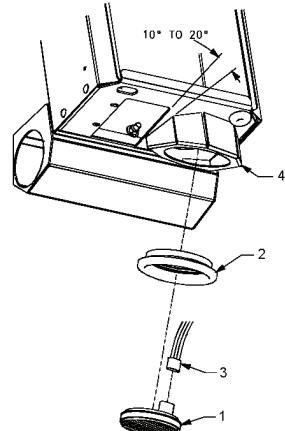
Xcalibur Herringbone Cabinet Detail

SECTION F PAGE 21
EFFECTIVE: 10/15/04



| ITEM | PART NO. | ✗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|---|-----------------------------------|
| - | --- | | Cabinet Detail, Herringbone | - |
| 1 | 8509888 | | Tube, Gutter, 36" Hbone | a/r |
| | 8510970 | | Tube, Gutter, 44" Hbone | a/r |
| 2 | 8509921 | | Gutter Assy, Hbone | 1 |
| 3 | 3558020 | ✗ | Door Assy, D/O, LH, Hbone | 1 |
| | 3558021 | ✗ | Door Assy, D/O, RH, Hbone | or 1 |
| | 3558127 | | Door Assy, D/M, LH, Hbone | 1 |
| | 3558126 | | Door Assy, D/M, RH, Hbone (Parts on Page F-22) | or 1 |
| | 8510319 | | Door Assy, Cabinet, Blank, LH | 1 |
| | 8510320 | | Door Assy, Cabinet, Blank, RH | or 1 |
| 4 | 8509643 | | Cylinder, Air, 1.50 x 12.00 | 1 |
| 5 | 8510455 | ✗ | Arm Assy, Zip Attach, LH | 1 |
| | 8510456 | ✗ | Arm Assy, Zip Attach, RH (Parts On Page F-19) | or 1 |
| 6 | 8509910 | | Bracket Assy, Cylinder Mtg | 1 |
| 7 | 3554444 | | Valve, Control, Flow, 1/8 NPT | 1 |
| 8 | 8510681 | | Pin, Clevis, SS, 3/8 x 1-1/8 | 1 |
| 9 | 1210410 | | Pin, Cotter, SS, 1/8 x 1/2 | 3 |
| 10 | 3557997 | | Valve Assy, Detacher, 2 Valve | 1 |
| 11 | 8515269 | | Fastener, Link-Lock | 1 |
| 12 | 3554451 | | Conn, Swl, Elb, 5/32OD x 1/8 NPT | 1 |
| 13 | 8503677 | | Clevis Assy, w/Pulley (Includes item 14, and 1 each of items 9, 15 and 16) | 1 |
| 14 | 8503999 | | Clevis Assy, Air Cyl, Rotary | 1 |
| 15 | 8504058 | | Pin, Clevis, SS, 5/16 x 1 | 2 |
| 16 | 8503668 | | Pulley, Cylinder | 2 |
| 17 | 8510903 | | Chain, Twist-Link, SS, 37-Link | 1 |
| 18 | 8512146 | | Link, Quick, 1/8 | 1 |
| 19 | 8590246 | | Bushing, Snap, Nylon, SB-2.25-29 | 1 |
| 20 | 8509914 | | Bracket Assy, Pulley Mount | 1 |
| 21 | 3552179 | | Ring, Retaining, Ext, E, .750 | 1 |
| 22 | 8503676 | | Bushing, Cord Guide | 1 |
| 23 | 8510322 | | Bracket, Chain Guide, Hbone | 1 |
| 24 | 8510321 | | Bushing, Chain Guide | 1 |
| 25 | 3555913 | | Ring, Retaining, Ext, Cres, 1.000 | 1 |
| 26 | 8510932 | | Conn, Push, Elb, 1/4 OD x NPT, Wat | 1 |
| 27 | 8510933 | | Nozzle, Spray, 1/4 NPT, brass | 1 |
| 28 | 1420000 | | Elbow, 90 Deg., 304, 1/4 | 1 |
| 29 | 8503761 | ✗ | Cord, 3/16 Diamond Braid, Black | a/r |
| 30 | 8510987 | n/s | Light, LED, 12V, .5AMP | a/r |
| 31 | 3558765 | n/s | Power Supply, 12VDC, 7.5A, DIN | a/r |

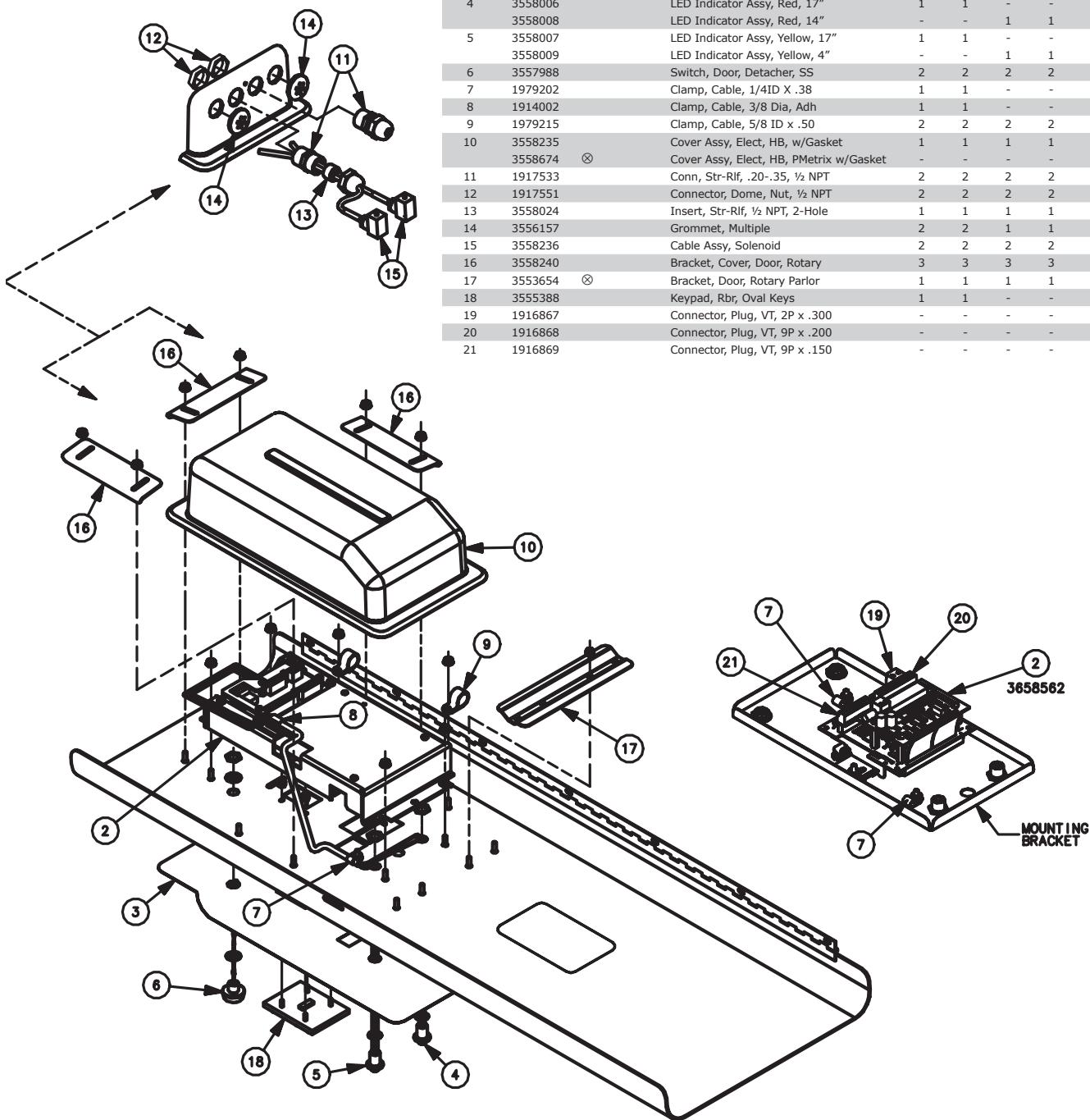
Red Light Kit for Herringbone



| ITEM | PART NO. | ✗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|----------------------|---------------------------|
| - | 8510990 | | KIT,LED LIGHT,H'BONE | - |
| 1 | 8510987 | | LIGHT,LED,12V,.5AMP | a/r |
| 2 | 8510988 | | GROMMET,LED LIGHT | a/r |
| 3 | 8510989 | | PLUG,LED LIGHT | a/r |
| 4 | 8511181 | | BRACKET,LIGHT,HBONE | a/r |

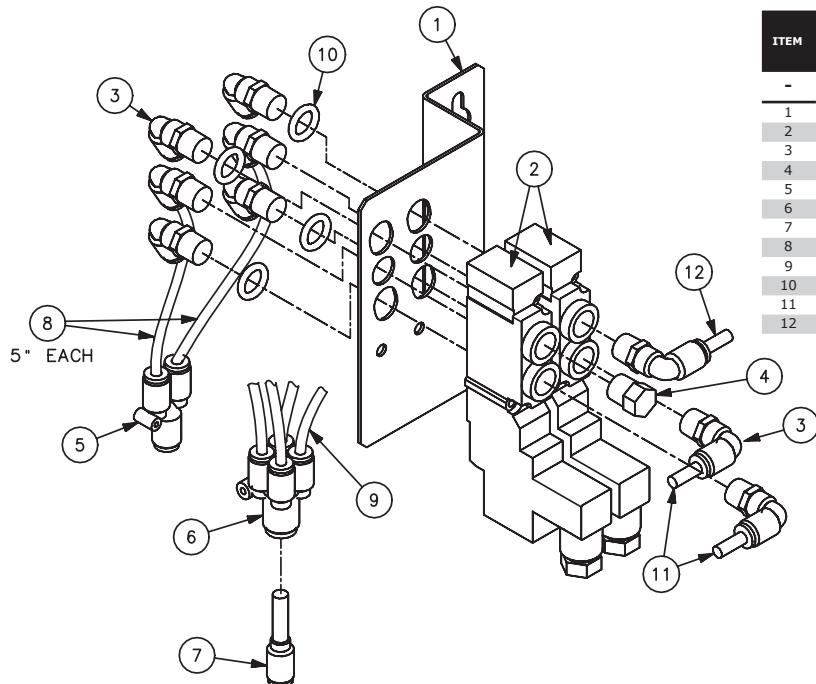
Xcalibur Herringbone Cabinet Door Assemblies

| ITEM NO. | PART NO. | X=OBSOLETE N/S=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | |
|----------|----------|-----------------------------|---|-----------------------------------|-----|-----|-----|-----|-----|
| | | | | 126 | - | - | - | - | - |
| - | 3558126 | | Door Assy, D/M, RH, Hbone | 126 | - | - | - | - | - |
| - | 3558127 | | Door Assy, D/M, LH, Hbone | - | 127 | - | - | - | - |
| - | 3558021 | ⊗ | Door Assy, D/O, RH, Hbone | - | - | 021 | - | - | - |
| - | 3558020 | ⊗ | Door Assy, D/O, LH, Hbone | - | - | - | 020 | - | - |
| - | 3558675 | ⊗ | Door Assy, PMetrix, RH, Hbone | - | - | - | - | 675 | - |
| - | 3558676 | ⊗ | Door Assy, PMetrix, LH, Hbone | - | - | - | - | - | 676 |
| 1 | 8510294 | | Door Assy, Cabinet, RH, Hbone | 1 | - | 1 | - | 1 | - |
| | 8510293 | | Door Assy, Cabinet, LH, Hbone | - | 1 | - | 1 | - | 1 |
| 2 | 3657708 | ⊗ | PWB & Bkt Assy, Det/Meter, Perf | 1 | 1 | - | - | - | - |
| | 3657492 | | PWB & Bkt Assy, Det, 4000 Series | - | - | 1 | 1 | - | - |
| | 3658562 | | Elect Assy, w/Brtk, PMetrix | - | - | - | - | 1 | 1 |
| | | | (Does not include items 19, 20, 21) | | | | | | |
| 3 | 3558679 | | Label, Door, HB, PMetrix | - | - | - | - | 1 | 1 |
| | 3557187 | | Label, Cover, Prl Stall, Detr Mtr | 1 | 1 | - | - | - | - |
| | 8502383 | | Label, Cover, Prl Stall, Detacher | - | - | 1 | 1 | - | - |
| 4 | 3558006 | | LED Indicator Assy, Red, 17" | 1 | 1 | - | - | 1 | 1 |
| | 3558008 | | LED Indicator Assy, Red, 14" | - | - | 1 | 1 | - | - |
| 5 | 3558007 | | LED Indicator Assy, Yellow, 17" | 1 | 1 | - | - | 1 | 1 |
| | 3558009 | | LED Indicator Assy, Yellow, 4" | - | - | 1 | 1 | - | - |
| 6 | 3557988 | | Switch, Door, Detacher, SS | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 1979202 | | Clamp, Cable, 1/4ID X .38 | 1 | 1 | - | - | 1 | 1 |
| 8 | 1914002 | | Clamp, Cable, 3/8 Dia, Adh | 1 | 1 | - | - | - | - |
| 9 | 1979215 | | Clamp, Cable, 5/8 ID X .50 | 2 | 2 | 2 | 2 | 2 | 2 |
| 10 | 3558235 | | Cover Assy, Elect, HB, w/Gasket | 1 | 1 | 1 | 1 | - | - |
| | 3558674 | ⊗ | Cover Assy, Elect, HB, PMetrix w/Gasket | - | - | - | - | 1 | 1 |
| 11 | 1917533 | | Conn, Str-Rif, .20-.35, 1/2 NPT | 2 | 2 | 2 | 2 | - | - |
| 12 | 1917551 | | Connector, Dome, Nut, 1/2 NPT | 2 | 2 | 2 | 2 | - | - |
| 13 | 3558024 | | Insert, Str-Rif, 1/2 NPT, 2-Hole | 1 | 1 | 1 | 1 | - | - |
| 14 | 3556157 | | Grommet, Multiple | 2 | 2 | 1 | 1 | - | - |
| 15 | 3558236 | | Cable Assy, Solenoid | 2 | 2 | 2 | 2 | 2 | 2 |
| 16 | 3558240 | | Bracket, Cover, Door, Rotary | 3 | 3 | 3 | 3 | 3 | 3 |
| 17 | 3553654 | ⊗ | Bracket, Door Rotary Parlor | 1 | 1 | 1 | 1 | 1 | 1 |
| 18 | 3555388 | | Keypad, Rbr, Oval Keys | 1 | 1 | - | - | - | - |
| 19 | 1916867 | | Connector, Plug, VT, 2P x .300 | - | - | - | - | 1 | 1 |
| 20 | 1916868 | | Connector, Plug, VT, 9P x .200 | - | - | - | - | 1 | 1 |
| 21 | 1916869 | | Connector, Plug, VT, 9P x .150 | - | - | - | - | 1 | 1 |



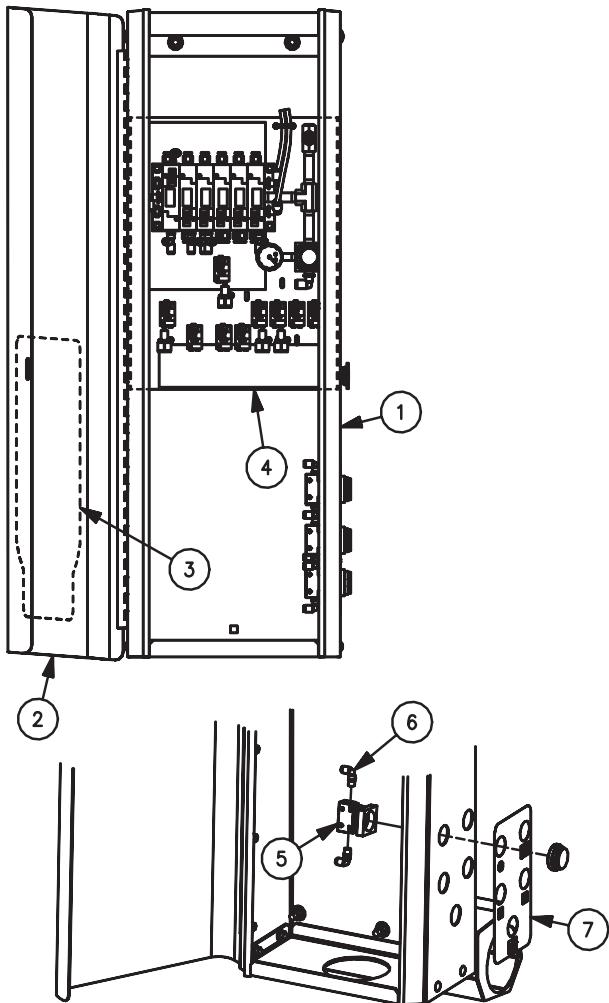
Detacher Valve Assembly, 2 Valve

| | |
|------------------------|------------|
| SECTION F | PAGE 23 |
| EFFECTIVE: 10/15/04 | |



| ITEM | PART NO. | W=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|-----------------------------------|-----------------------------------|
| - | --- | | Valve Assy, Detacher, 2 Valve | - |
| 1 | 3558003 | | Bracket, Mounting, 2 Valve | 1 |
| 2 | 3557108 | ⊗ | Valve, 4-Way, Air, Low Power | 2 |
| 3 | 3554451 | | Conn, Swl, Elb, 5/32 OD X 1/8 NPT | 9 |
| 4 | 1431240 | | Plug, Hex Hd, Brass, 1/8 | 1 |
| 5 | 8507088 | | Conn, Push, Union Y, 5/32 | 1 |
| 6 | 3558193 | | Conn, Push, (4) 5/32 X 6MM | 1 |
| 7 | 3558194 | | Conn, Push, Rdr, 6MM X 5/32 Tube | 1 |
| 8 | 3554530 | | Hose, Nyl, Yel, 5/32 OD X 100Ft | a/r |
| 9 | 3554115 | | Hose, Nyl, Nat, 5/32 OD X 100Ft | a/r |
| 10 | 8500264 | | O-Ring, 0.362 X .103, Buna-N | 4 |
| 11 | 3554440 | | Hose, Nyl, Grn, 5/32 OD X 100Ft | a/r |
| 12 | 3554174 | | Hose, Nyl, Red, 5/32 OD X 100Ft | a/r |

Xcalibur Herringbone Controls

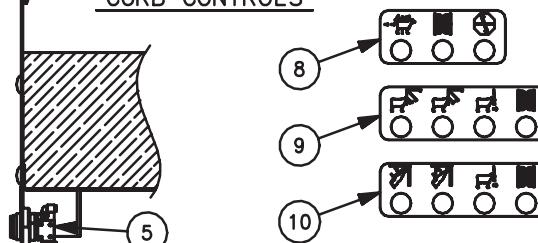


| ITEM | PART NO. | W=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|-------------|-----------------------------|---|-----------------------------------|
| - | --- | | Tilt Front-End Detail, Herringbone | - |
| 1 | 8510328 | | Cabinet Assy, Hbone, LH, Blank | 1 |
| | 8510329 | | Cabinet Assy, Hbone, RH, Blank | or 1 |
| 2 | 8510319 | | Door Assy, Cabinet, Blank LH | 1 |
| | 8510320 | n/s | Door Assy, Cabinet, Blank RH | or 1 |
| 3 | 8510730 | | Label,Crowd Gate, Stall | 1 |
| 4 | 8590235 | | Control Assy, Xpressway Hbone (Parts on page F-55) | 1 |
| | 8590403 2,3 | n/s | Control Assy, Indexing Rail (Parts on page F-53) | or 1 |
| 5 | 8510669 | | Valve Assy, Pushbutton, 3-Way | a/r |
| 6 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 | a/r |
| 7 | 8510726 1 | | Label, PB, Control Box, Reel | 1 |
| | 8510867 2 | n/s | Label, PB, Control Box, Tilt | or 1 |
| | 8511463 3 ⊗ | n/s | Plate, Pushbutton, Fastlane, Cab | or 1 |
| 8 | 8511197 1 | | Plate, Pushbutton, Reel, Hbone | 1 |
| 9 | 8511198 2 | | Plate, Pushbutton, Tilt, Hbone | 1 |
| 10 | 8511464 3 ⊗ | | Plate, Pushbutton, Fastlane, Curb | 1 |

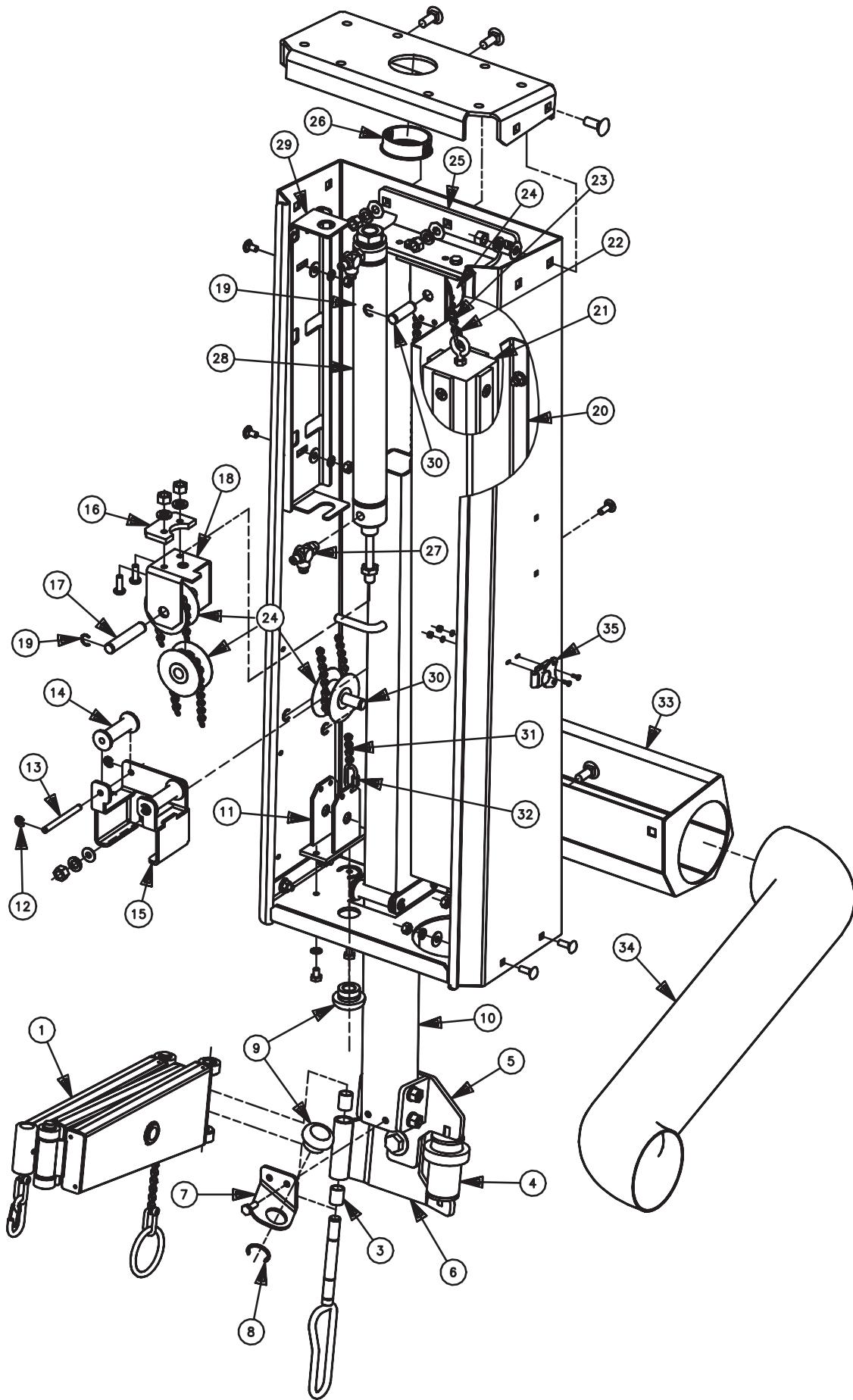
Notes:

- Used on Xcalibur stalls with a reel front-end.
- Used on Xcalibur stalls with a tilt front-end.
- Used on Xcalibur stalls with a fastlane front-end.

CURB CONTROLS



Xcalibur Folding-Arm Cabinet Detail

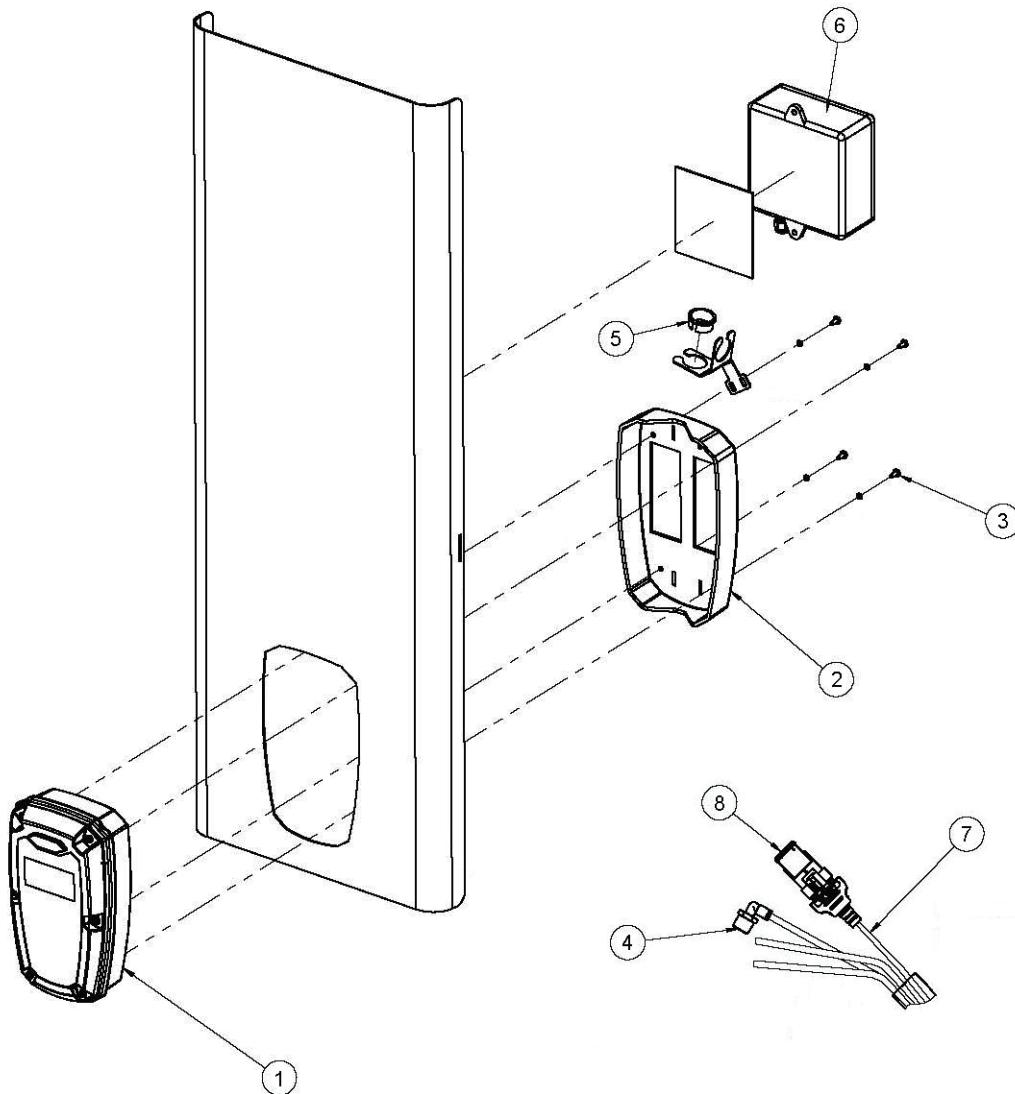


Xcalibur Folding-Arm Cabinet Detail

| | |
|---------------------|-------------------|
| SECTION F | PAGE 25 |
| EFFECTIVE: 10/15/04 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------|-----------------------------|---|-----------------------------------|--|
| - | --- | | Xcalibur Folding-Arm Cabinet Detail | | |
| 1 | 3556473 | | Arm Assy, 3-Link (<i>Parts on page D-44</i>) | 1 | |
| 2 | 3558020 | ⊗ n/s | Door Assy, D/O, LH, Hbone | 1 | |
| | 3558021 | ⊗ n/s | Door Assy, D/O, RH, Hbone | or 1 | |
| | 3558127 | n/s | Door Assy, D/M, LH, Hbone | 1 | |
| | 3558126 | n/s | Door Assy, D/M, RH, Hbone (<i>Parts on page F-22</i>) | or 1 | |
| | 8510319 | n/s | Door Assy, Cabinet, Blank, LH | 1 | |
| | 8510320 | n/s | Door Assy, Cabinet, Blank, RH | or 1 | |
| 3 | 3555973 | | Bearing, Slv, ½ x 5/8 x ¾ | 2 | |
| 4 | 8502256 | ⊗ | Holder, Probe, 1-1/2 In | 1 | |
| 5 | 8512943 | ⊗ | Bracket Assy, Mtg, Arm Tube, LH | 1 | |
| | 8512955 | ⊗ n/s | Bracket Assy, Mtg, Arm Tube, RH | or 1 | |
| 6 | 8512962 | ⊗ | Bracket Assy, Mtg, Arm, LH | 1 | |
| | 8512963 | ⊗ n/s | Bracket Assy, Mtg, Arm, RH | or 1 | |
| 7 | 8512941 | ⊗ | Brkt, Chain Guide, Arm Tube, LH | 1 | |
| | 8512954 | ⊗ n/s | Brkt, Chain Guide, Arm Tube, RH | 1 | |
| 8 | 3555913 | | Ring, Retaining, Ext, Cres, 1.000 | 2 | |
| 9 | 8510321 | | Bushing, Chain Guide | 2 | |
| 10 | 8512948 | ⊗ | Tube Assy, Arm Detacher, LH | 1 | |
| | 8512953 | ⊗ n/s | Tube Assy, Arm Detacher, RH | or 1 | |
| 11 | 3555657 | ⊗ | Bracket Assy, Pulley Mtg Chain | 2 | |
| 12 | 3553269 | | Ring, Retaining, Ext, E, .250 | 8 | |
| 13 | 8512937 | ⊗ | Pin, Roller, Arm Tube | 4 | |
| 14 | 8512932 | ⊗ | Roller, Arm Tube | 4 | |
| 15 | 8512930 | ⊗ | Bracket Assy, Guide, Arm Tube | 1 | |
| 16 | 8511102 | ⊗ | Block, Lift, Arm Detach | 1 | |
| 17 | 3556779 | ⊗ | Pin, Pulley, Cyl Mtg | 1 | |
| 18 | 8512927 | ⊗ | Bracket Assy, Yoke, LH | 1 | |
| | 8512951 | ⊗ n/s | Bracket Assy, Yoke, RH | or 1 | |
| 19 | 3555912 | | Ring, Retaining, Ext, Cres, 0.500 | 6 | |
| 20 | 8512936 | ⊗ | Bracket, Weight, Arm Detacher | 1 | |
| 21 | 8513000 | ⊗ | Weight Assy, Arm Detacher | 1 | |
| 22 | 3551341 | | Link, Chain Connector, SS | 3 | |
| 23 | 8513244 | ⊗ | Chain, Twist-Link, SS, 22.9", .120 | 1 | |
| 24 | 3555658 | | Pulley, Guide, Chain | 4 | |
| 25 | 8513303 | ⊗ | Bracket, Pulley Mnt, Arm Hbone | 1 | |
| 26 | 8590246 | | Bushing, Snap, Nylon, SB-2.25-29 | 1 | |
| 27 | 3554444 | | Valve, Control, Flow, 1/8 NPT | 2 | |
| 28 | 3555822 | ⊗ | Cylinder Air, 1.50 x 12.00 | 1 | |
| 29 | 8512931 | ⊗ | Bracket, Cylinder, Arm Detach | 1 | |
| 30 | 3556778 | | Pin, Pulley Mtg | 2 | |
| 31 | 3555670 | | Chain, Twist-Link, SS, 80.5", .120 | 1 | |
| 32 | 8512146 | | Link, Quick, 1/8 | 1 | |
| 33 | 8509921 | | Gutter Assy, Hbone | 1 | |
| 34 | 8509888 | | Tube, Gutter, 36" Hbone | a/r | |
| | 8510970 | | Tube, Gutter, 44" Hbone | a/r | |
| 35 | 8515269 | | Fastener, Link-Lock | 1 | |
| 36 | 3557997 | n/s | Valve Assy, Detacher, 2 Valve | 1 | |

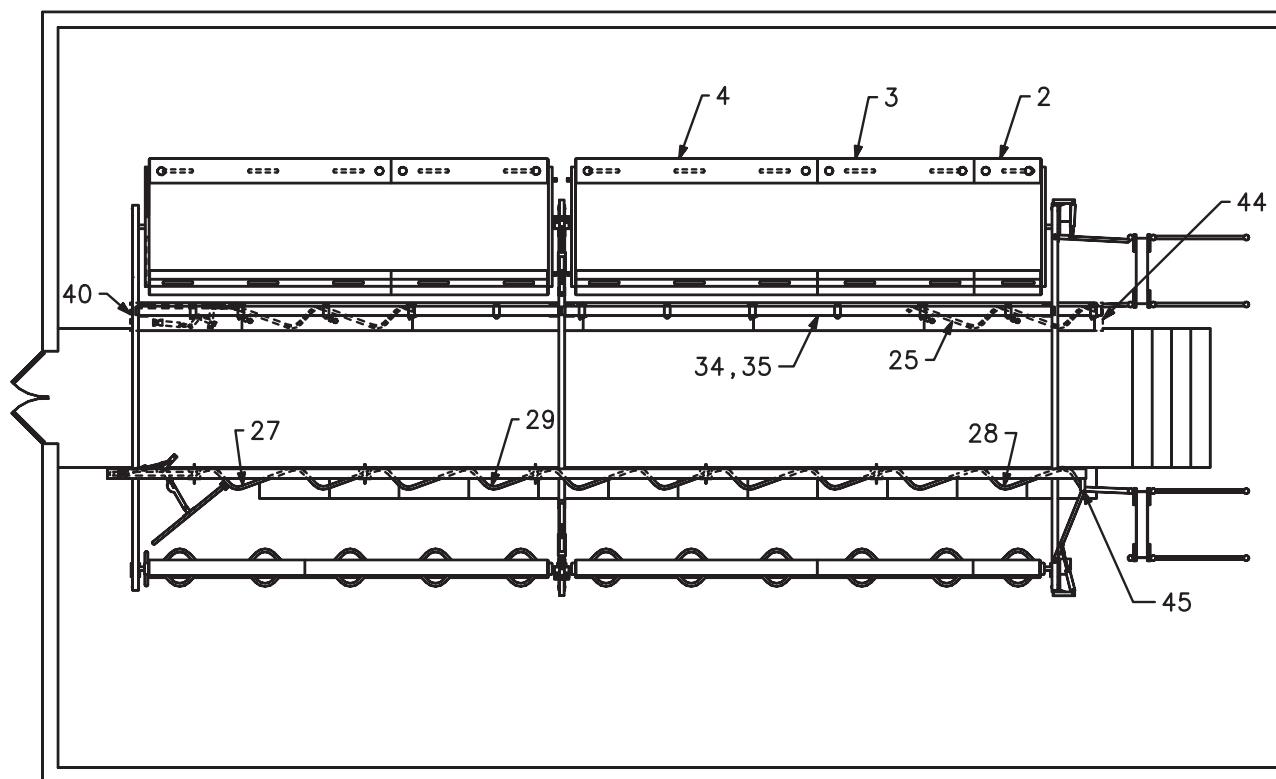
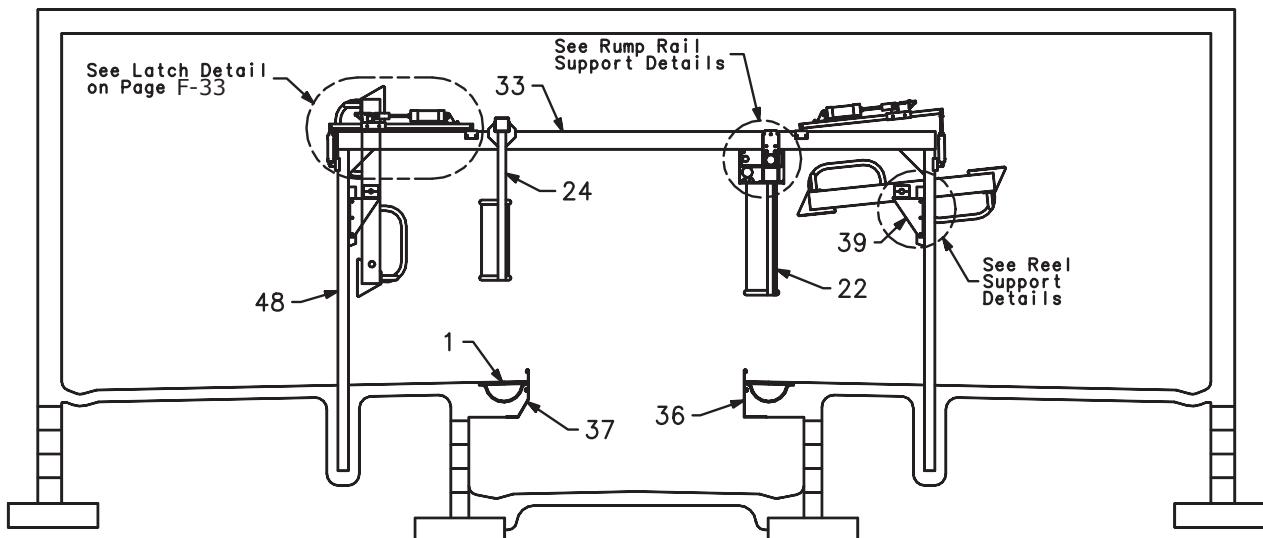
AMI 5450 Door Assembly



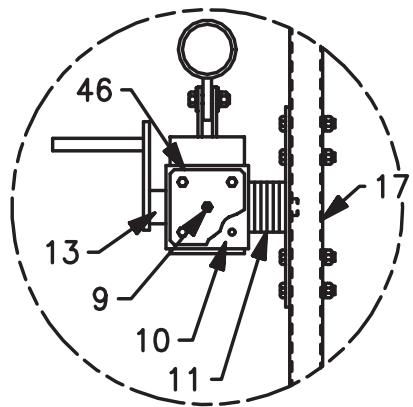
| Item | P/N | ⊗=Obsolete n/s=Not Shown | Description | Qty. Required |
|------|---------|-----------------------------|-------------------------------|------------------|
| - | 3562419 | n/s | DOOR ASSY,5450,H-B,RH | 419 - |
| - | 3562420 | | DOOR ASSY,5450,H-B,LH | - 420 |
| 1 | 3562341 | | CONTROL ASSY,5450 | 1 1 |
| 2 | 3562311 | | ENCLOSURE,MOUNT,5450 | 1 1 |
| 3 | 3562336 | | MSCR,PNH,SS,M4 X 8.0 | 4 4 |
| 4 | 3554451 | | CONN,SWL,ELB,5/32 ODX 1/8 NPT | 1 1 |
| 5 | 3562376 | | BUSHING,SPLIT,NYLON,OCB-1000 | 1 1 |
| 6 | 3562443 | | ENCLOSURE ASSY,VALVE,5450,AIR | 1 1 |
| 7 | 3559777 | | CABLE ASSY,PULSATORT,84" | 1 1 |
| 8 | 3559782 | | CONNECTOR ASSY,CAP,M,3-PIN | 1 1 |

Xpressway Stalls

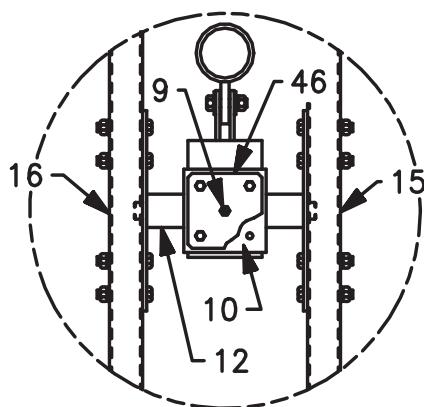
SECTION F
PAGE 27
EFFECTIVE: 11/1/02



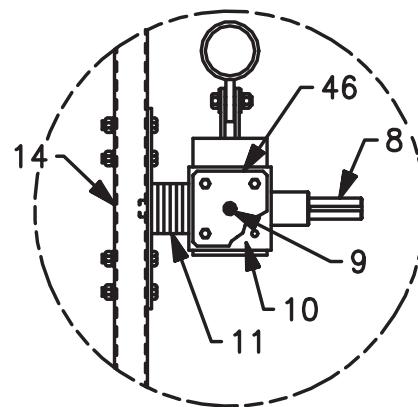
Xpressway Herringbone Stalls



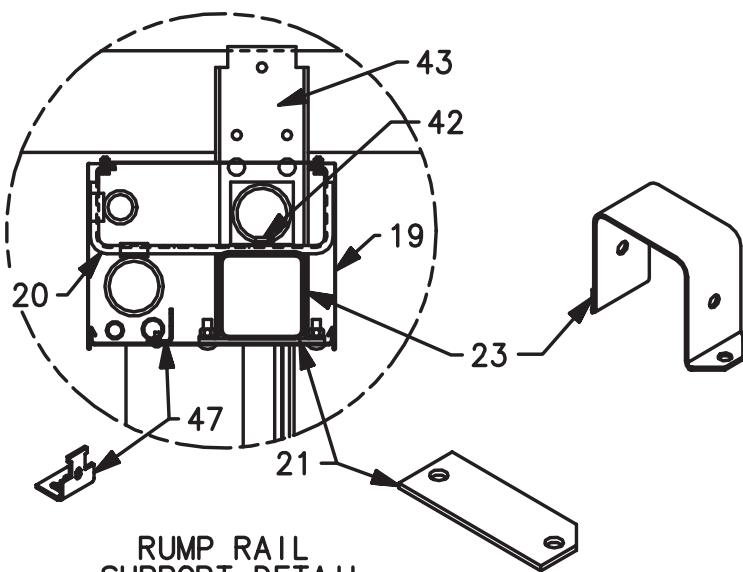
IDLE END REEL
SUPPORT DETAIL



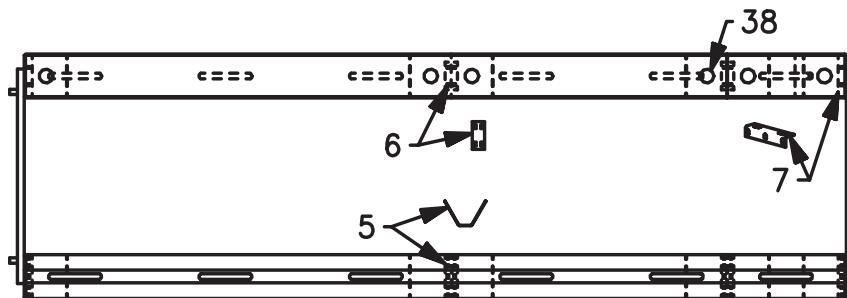
CENTER REEL
SUPPORT DETAIL



DRIVE END REEL
SUPPORT DETAIL



RUMP RAIL
SUPPORT DETAIL



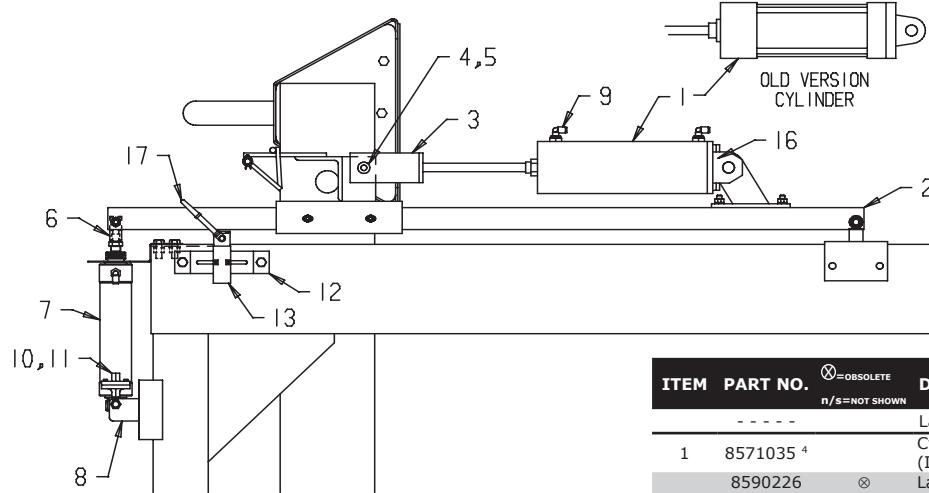
REEL
COMPONENT
DETAIL

Xpressway Herringbone Stalls

| | |
|--------------------|------|
| SECTION | PAGE |
| F | 29 |
| EFFECTIVE: 11/1/02 | |

| ITEM | PART NO. | X=OBsolete n/s=NOT SHOWN | DESCRIPTION | NO. REQUIRED PER PARLOR | | | | | | | | | | | | | | | | | | | | | | | | |
|------|----------------------|-----------------------------|--|---------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | Number of stalls per side | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Stall, Xpressway, Herringbone | 6 | - | - | 8 | - | - | 10 | - | - | 12 | - | - | 14 | - | - | 16 | - | - | 20 | - | - | 24 | - | - | |
| | | | Stall, Xpressway, GX, Herringbone | - | 6 | - | - | 8 | - | - | 10 | - | - | 12 | - | - | 14 | - | - | 16 | - | - | 20 | - | - | 24 | - | |
| | | | Stall, Xpressway, SS, Herringbone | - | - | 6 | - | - | 8 | - | - | 10 | - | - | 12 | - | - | 14 | - | - | 16 | - | - | 20 | - | - | 24 | |
| 1 | 8553112 | ⊗ | Grate, Steel, 16 x 36 In, Galv | 14 | 14 | - | 20 | 20 | - | 24 | 24 | - | 34 | 34 | - | 36 | 36 | - | 40 | 40 | - | 50 | 50 | - | 58 | 58 | - | |
| | 8517277 | ⊗ | Grate, Stainless, 16 x 36 In | - | - | 14 | - | - | 20 | - | - | 24 | - | - | 34 | - | - | 30 | - | - | 40 | - | - | 50 | - | - | 58 | |
| 2 | 8570786 | ⊗ | Brisket, Beam, Entr Extension | 4 | 4 | - | 4 | 4 | - | 4 | 4 | - | 4 | 4 | - | 4 | 4 | - | 4 | 4 | - | 4 | 4 | - | 4 | 4 | - | |
| | 8517372 | ⊗ | Brisket, Beam, Entr Extension, SS | - | - | 4 | - | - | 4 | - | - | 4 | - | - | 4 | - | - | 4 | - | - | 4 | - | - | 4 | - | - | 4 | |
| 3 | 8570785 | ⊗ | Brisket, Beam, 2 Cow, 44 In, 4 Hle | - | - | - | 16 | 16 | - | 8 | 8 | - | 24 | 24 | - | 16 | 16 | - | 32 | 32 | - | 16 | 16 | - | 24 | 24 | - | |
| | 8517367 | ⊗ | Brisket, Beam, 2 Cow, 44 In, 4 Hle, SS | - | - | - | - | - | 16 | - | - | 8 | - | - | 24 | - | - | 16 | - | - | 32 | - | - | 16 | - | - | 24 | |
| | 8518609 | ⊗ | Brisket, Beam, 3 Cow, 44 In, 2 Hle | 8 | 8 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 8516970 | ⊗ | Brisket, Beam, 3 Cow, 44 In, 2 Hle, SS | - | - | 8 | | | | | | | | | | | | | | | | | | | | | | |
| | 8570784 | ⊗ | Brisket, Beam, 3 Cow, 44 In, 4 Hle | - | - | - | - | - | - | 8 | 8 | - | 24 | 24 | - | 16 | 16 | - | 32 | 32 | - | 16 | 16 | - | 24 | 24 | - | |
| | 8517362 | ⊗ | Brisket, Beam, 3 Cow, 44 In, 4 Hle, SS | - | - | - | - | - | - | - | 8 | - | - | 8 | - | - | 8 | - | - | - | - | - | - | - | - | - | 16 | |
| 5 | 8570788 | ⊗ | Plate, Conn, Brisket, Front | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 24 | 24 |
| 6 | 8570789 | ⊗ | Plate, Conn, Brisket, Rear | 4 | 4 | 4 | 12 | 12 | 12 | 12 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 24 | 24 |
| 7 | 8570790 | ⊗ | Angle, Reel Support | 16 | 16 | - | 16 | 16 | - | 16 | 16 | - | 24 | 24 | - | 24 | 24 | - | 32 | 32 | - | 32 | 32 | - | 40 | 40 | - | |
| | 8517378 | ⊗ | Angle, Reel Support | - | - | 16 | - | - | 16 | - | - | 16 | - | - | 24 | - | - | 24 | - | - | 32 | - | - | 32 | - | - | 40 | |
| 8 | 8570939 | ⊗ | Shaft, Reel, Drive, Xpressway | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | |
| | 8517560 | ⊗ | Shaft Assy, Reel, Drive, Xway, SS | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | |
| | 8516120 ¹ | ⊗ | Shaft, Reel, Drive, Xpressway | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | - | 2 | |
| | 8516141 ¹ | ⊗ | Shaft, Reel, Drive, Xpressway, SS | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | |
| 9 | 8590255 | | Fitting, Grease, 1/8 NPT | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 12 | |
| 10 | 8590254 | | Bearing, Reel, 5 x 5 x 2 In Set | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 12 | |
| 11 | 8590144 | | Wsh, Polye, 2.12 x 3.00 x .25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | |
| 12 | 8570941 | | Shaft, Reel, 10 In, Xpressway | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 4 | 4 | - | 4 | 4 | - | 6 | 6 | - | 6 | 6 | - | 8 | 8 | - | |
| | 8517386 | ⊗ | Shaft Assy, Reel | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 4 | - | - | 4 | - | - | 6 | - | - | 6 | - | - | 8 | |
| 13 | 8570940 | | Shaft, Reel, Idle, Xpressway | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | - | 2 | |
| | 8517563 | ⊗ | Shaft Assy, Reel Crank, Hyd | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | |
| | 8516059 ² | ⊗ n/s | Shaft Assy, Reel, Idle, SS | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 14 | 8570794 | ⊗ | Reel End Sprt, 2 x 6, RH | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 4 | 4 | - | 4 | 4 | - | 6 | 6 | - | 6 | 6 | - | 6 | - | 6 | |
| | 8517379 | ⊗ | Support Assy, Reel End, RH | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 4 | - | - | 4 | - | - | 6 | - | - | 6 | - | - | 6 | |
| 15 | 8570797 | ⊗ | Reel End Sprt, 2 x 6, LH, w/Stop | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 4 | 4 | - | |
| | 8517395 | ⊗ | Reel End Sprt, 2 x 6, LH, w/Stop, SS | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 4 | |
| 16 | 8570795 | ⊗ | Reel End Sprt, 2 x 6, RH, w/Stop | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 4 | 4 | - | |
| | 8517384 | ⊗ | Reel End Sprt, 2 x 6, RH, w/Stop, SS | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 4 | |
| 17 | 8570796 | ⊗ | Reel End Sprt, 2 x 6, LH | 2 | 2 | - | 2 | 2 | - | 2 | 2 | - | 4 | 4 | - | 4 | 4 | - | 6 | 6 | - | 6 | 6 | - | 6 | - | 6 | |
| | 8517390 | ⊗ | Support Assy, Reel End, LH, SS | - | - | 2 | - | - | 2 | - | - | 2 | - | - | 4 | - | - | 4 | - | - | 6 | - | - | 6 | - | - | 6 | |
| 18 | 8590235 | n/s | Control Assy, Xpressway Hbone (Parts on page F-55) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 19 | 8570934 | ⊗ | Shield, Pulsation, SS, 120.00 | 10 | - | 10 | 13 | - | 13 | 16 | - | 16 | 20 | - | 20 | 22 | - | 22 | 24 | - | 24 | 30 | - | 30 | 38 | - | 38 | |
| 20 | 8570932 | ⊗ | Bracket, Shield, Xpressway | 12 | - | 12 | 16 | - | 16 | 18 | - | 18 | 20 | - | 20 | 24 | - | 24 | 28 | - | 28 | 32 | - | 32 | 40 | - | 40 | |
| 21 | 8570935 | ⊗ | Plate, Spacer, .25 x 3.00 x 8.00 | 8 | - | 8 | 10 | - | 10 | 12 | - | 12 | 14 | - | 14 | 16 | - | 16 | 18 | - | 18 | 22 | - | 22 | 26 | - | 26 | |
| 22 | 8553563 | ⊗ | Support, Rump Rail | 8 | - | 8 | 10 | - | 10 | 12 | - | 12 | 14 | - | 14 | 16 | - | 16 | 18 | - | 18 | 22 | - | 22 | 26 | - | 26 | |
| 23 | 8571071 | ⊗ | Channel, Hanger, Rump Rail, 5 x 5 | 18 | - | 18 | 22 | - | 22 | 26 | - | 26 | 30 | - | 30 | 34 | - | 34 | 38 | - | 38 | 46 | - | 46 | 54 | - | 54 | |
| 24 | 8517797 | ⊗ | Suspender Assy, GX Stall | - | 6 | - | 8 | - | 10 | - | - | 12 | - | - | 14 | - | - | 16 | - | - | 20 | - | - | 24 | - | - | 24 | |
| 25 | 8553559 | ⊗ | Rail Assy, Rump, LH, SS | 3 | - | 3 | 4 | - | 4 | 5 | - | 5 | 6 | - | 6 | 7 | - | 7 | 8 | - | 8 | 10 | - | 10 | 12 | - | 12 | |
| | 8501287 ³ | ⊗ n/s | Rail Assy, Rump, LH, 38" HB | 3 | - | 3 | 4 | - | 4 | 5 | - | 5 | 6 | - | 6 | 7 | - | 7 | 8 | - | 8 | 10 | - | 10 | 12 | - | 12 | |
| 26 | 8553555 | ⊗ n/s | Rail Assy, Rump, RH, SS | 3 | - | 3 | 4 | - | 4 | 5 | - | 5 | 6 | - | 6 | 7 | - | 7 | 8 | - | 8 | 10 | - | 10 | 12 | - | 12 | |
| | 8501286 ³ | ⊗ n/s | Rail Assy, Rump, RH, 38" HB | 3 | - | 3 | 4 | - | 4 | 5 | - | 5 | 6 | - | 6 | 7 | - | 7 | 8 | - | 8 | 10 | - | 10 | 12 | - | 12 | |
| 27 | 8552102 | ⊗ n/s | Rail Assy, Rump, Exit | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | - | 2 | - | - | 2 | |
| 28 | 8552110 | ⊗ | Rail Assy, rump, Entrance | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | - | 2 | - | - | 2 | |
| 29 | 8552100 | ⊗ n/s | Rail Assy, Rump, Center | - | 2 | - | 4 | - | 6 | - | 8 | - | 10 | - | 10 | - | 12 | - | - | 16 | - | - | 20 | - | - | 20 | | |
| 30 | 8590229 | n/s | Control Assy, Remote, Crowd (Parts on page F-54) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 31 | 8590228 | n/s | Control Assy, Remote, Exit (Parts on page F-54) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 32 | 8590227 | n/s | Control Assy, Remote, Entrance (Parts on page F-54) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 33 | 0696651 | | Tube, Rect, 6.00 x 3.00 x .188 x 20.0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | |
| 34 | 0697000 | | Tube, Sq, Galv, 5.00 x .188 x 20 Ft | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 9 | 9 | 9 | 9 | |
| 35 | 0697001 | ⊗ | Tube, Sq, Galv, 5.00 x .188 x 10 Ft | - | - | | | | | | | | | | | | | | | | | | | | | | | |

Latch Detail Xpressway Stalls



| ITEM | PART NO. | DESCRIPTION | NO. REQ. PER PARLOR SIDE |
|-------|---------------------------------------|--|--------------------------|
| ----- | | | |
| 1 | 8571035 ⁴ | Latch Detail, Xpressway Stalls | |
| 2 | 8590226 [⊗] | Cylinder, Air, 3.25 x 6.00 (Includes items 15 & 16) | 1 |
| 2 | 8517576 ¹ [⊗] | Latch Assy, Xpressway Stall, SS (Parts for both on page F-30) | 1 |
| 3 | 8507061 | Clevis Assy, Cylinder, SS | 1 |
| 4 | 8507087 | Pin, Clevis, .75 x 2.75 | 1 |
| 5 | 1210415 | Pin, Cotter, SS, 1/8 x 1-1/2 | 1 |
| 6 | 8571021 | Clevis Assy, Latch, Prl Stall | 1 |
| 7 | 8571020 | Cylinder, Air, 2.00 x 5.00 | 1 |
| 8 | 8570943 [⊗] | Clevis Assy, Lock Cyl Mount | 1 |
| 8 | 8517388 ¹ [⊗] | Clevis Assy, Lock Cyl Mount | 1 |
| 9 | 8507015 | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 |
| 10 | 8570630 | Valve, Exhaust | 1 |
| 11 | 1402000 | Nipple, Galv, 1/4 x 1-1/2 Lg | 1 |
| 12 | 8570942 | Bracket, Limit Switch | 1 |
| 13 | 8553477 | Switch, Limit (Includes item 17) | 1 |
| 14 | 8518846 ² [⊗] n/s | Kit, Repair, Air Cylinder, 3.25 | a/r |
| 15 | 8515465 [⊗] n/s | Piston, 3.25 Bore, Air Cyl | 1 |
| 16 | 8516246 ³ [⊗] | Clevis, Cylinder, Air, 3.25 Bore | 1 |
| 17 | 8500897 | Wand, Limit Switch | 1 |

Note:

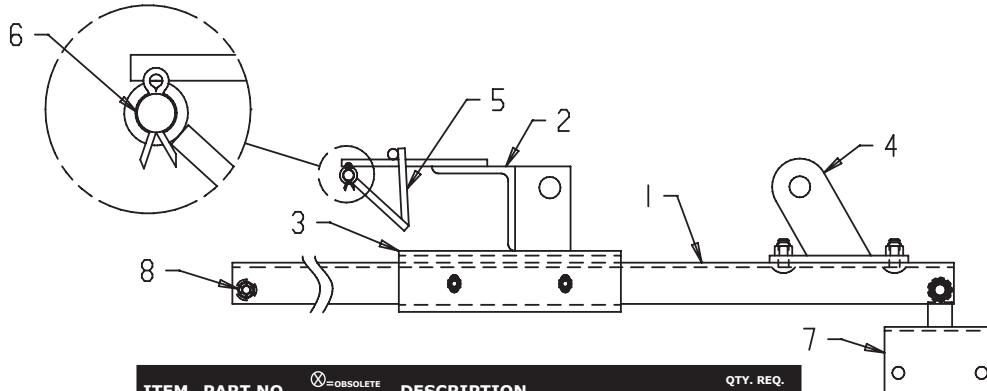
1. For use with stainless-steel Xpressway stalls.

2. Use ONLY with older version Air Cylinders.

3. Use ONLY with newer version Air Cylinders.

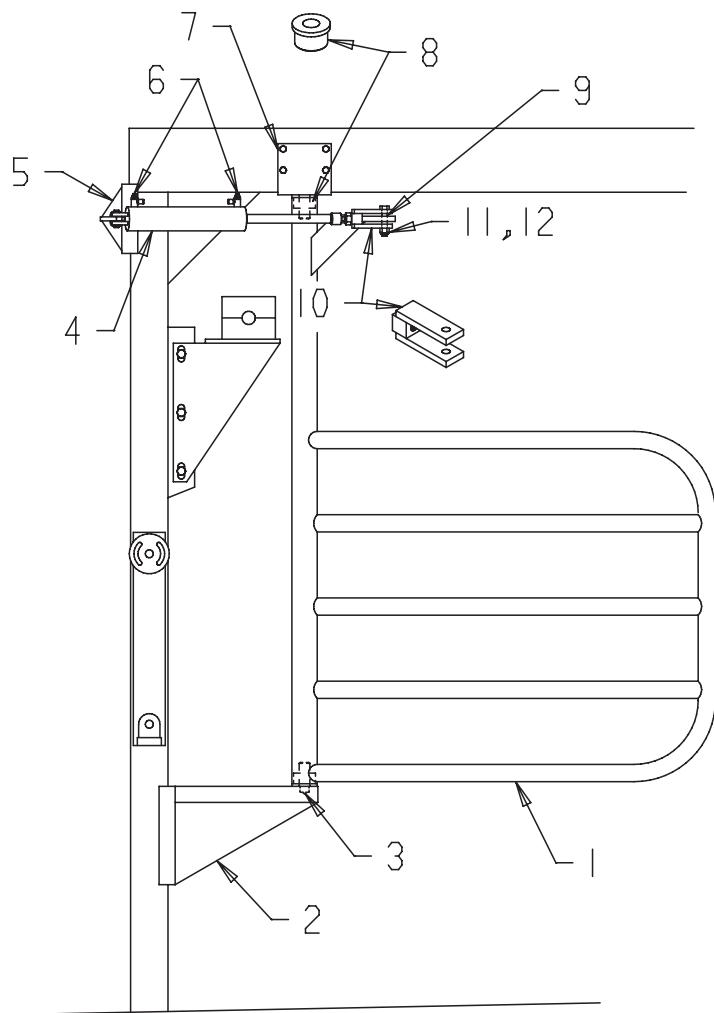
4. See page F-74 for cylinder Repair kits.

Xpressway Stall Latch Assemblies

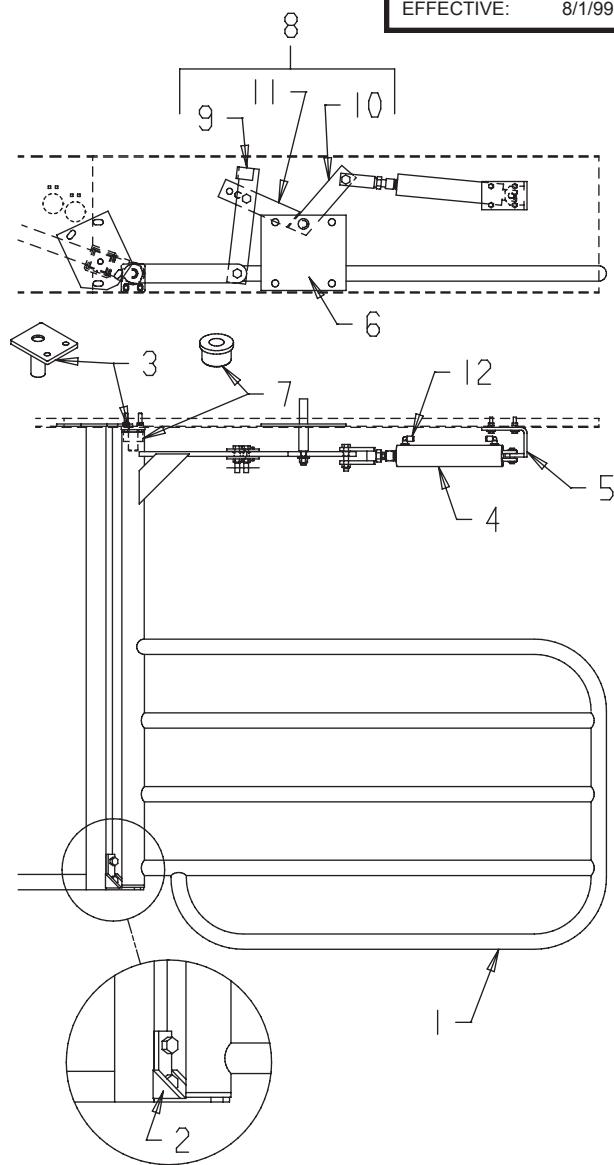


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r AS REQ. |
|------|----------------------|---------------------------------------|--------------------------|
| | | ⊗=OBsolete n/s=NOT SHOWN | |
| | 8590226 [⊗] | Latch Assy, Xpressway Stall | 226 |
| | 8517576 [⊗] | Latch Assy, Xpressway Stall, SS | 576 |
| 1 | 8590262 [⊗] | Channel, Clevis, Sprt, Latch Assy | 1 - |
| | 8517582 [⊗] | Channel, Clevis, Sprt, Latch Assy, SS | - 1 |
| 2 | 8590308 [⊗] | Clevis/Latch Assy | 1 - |
| | 8517587 [⊗] | Clevis/Latch Assy, SS | - 1 |
| 3 | 8590303 | Channel, 2.00 x 1.00 x 8.00, UHMW | 2 2 |
| 4 | 8590310 | Clevis Assy, Cylinder, Air | 1 - |
| | 8517592 [⊗] | Clevis Assy, Cylinder, Air, SS | - 1 |
| 5 | 8518139 [⊗] | Latch, Xpressway | 1 - |
| | 8517577 [⊗] | Latch, Xpressway, SS | - 1 |
| 6 | 8518136 | Pin, Latch Assy, Xpressway | 1 1 |
| 7 | 8590265 [⊗] | Hinge Assy, Latch Mechanism | 1 - |
| | 8517583 [⊗] | Hinge Assy, Latch Mechanism, SS | - 1 |
| 8 | 8590371 [⊗] | Spacer, Rd, Ace, .44 x .75 x .63 | 2 2 |

Entrance Gate



Exit Gate

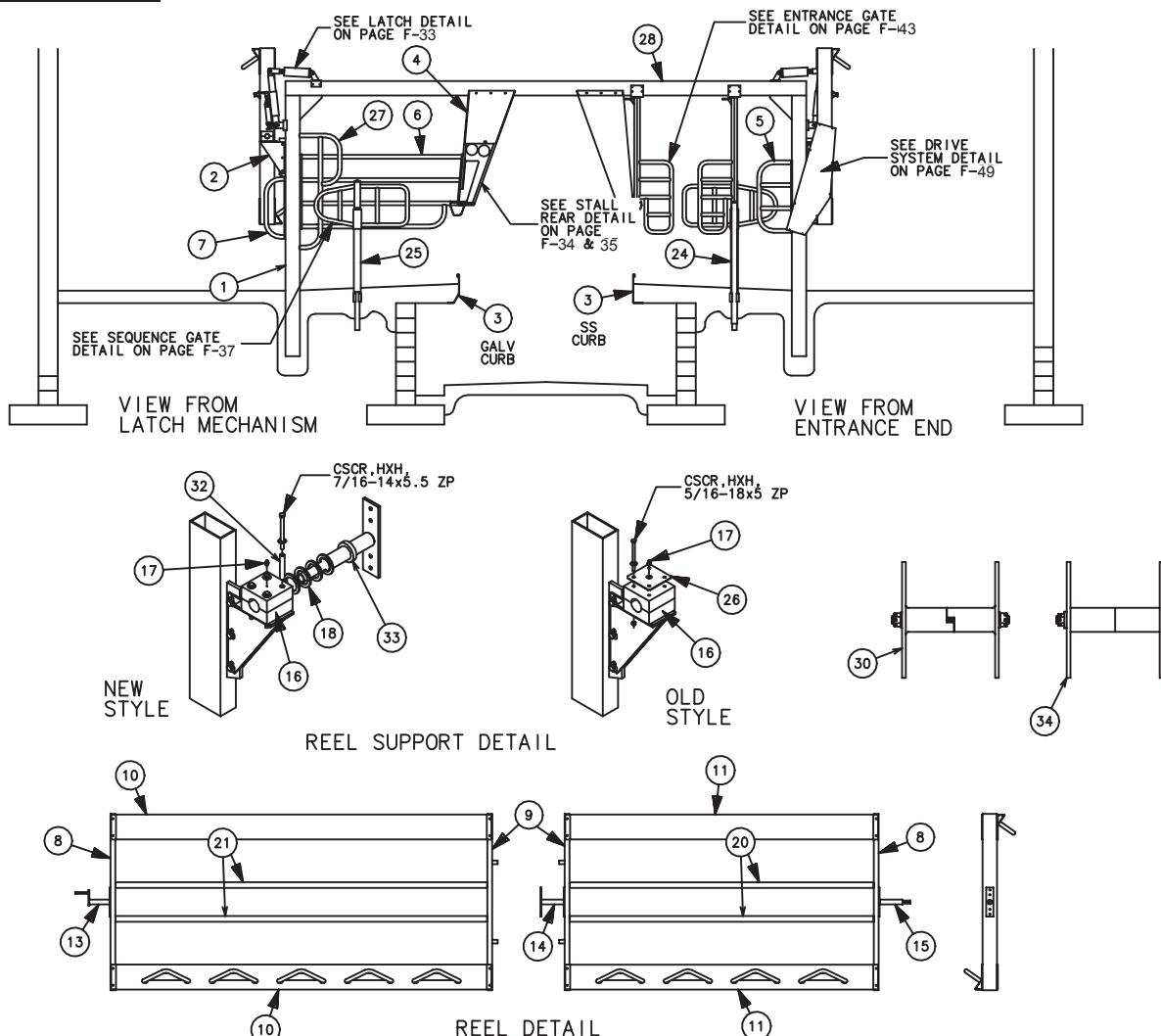


SECTION F PAGE 31
EFFECTIVE: 8/1/99

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | NO. REQ. PER PARLOR SIDE |
|------|----------|-----------------------------|---|-----------------------------------|
| --- | | | Entrance Gate, Xpressway Stall | - |
| --- | | | Entrance Gate, Xpressway Stall, SS | - |
| 1 | 8571083 | ⊗ | Gate Assy, 38.50, Entrance | 1 - |
| | 8517565 | ⊗ | Gate Assy, 38.50, Entrance, SS | - 1 |
| 2 | 8571075 | ⊗ | Hinge Assy, Bottom, Entr | 1 - |
| | 8517393 | ⊗ | Hinge Assy, Bottom, Entr, SS | - 1 |
| 3 | 3552192 | | Fitting, Grease, 1/4-28 | 1 1 |
| 4 | 8553518 | | Cylinder, Air, 2.00 x 8.00 | 1 1 |
| 5 | 8571088 | ⊗ | Mount Assy, Cylinder, Entr Gate | 1 - |
| | 8517571 | ⊗ | Cylinder Mount, Entr Gate, SS | - 1 |
| 6 | 8507135 | | Valve, Control, Flow, 1/4 NPT x 5/32 | 1 1 |
| 7 | 8571078 | | Hinge Assy, Top, Entr | 1 - |
| | 8517398 | ⊗ | Hinge Assy, Top, Entr, SS | - 1 |
| 8 | 8506959 | | Bushing, Flanged, 1.06 x 2.06 | 2 2 |
| 9 | 8553543 | | Wsh'r, Polye, .56 x 1.25 x .12 | 2 2 |
| 10 | 8552446 | | Clevis Assy, Rod | 1 - |
| | 8517274 | | Clevis Assy, Rod, SS | - 1 |
| 11 | 1174073 | | CSCR, HXH, 1/2-13 x 2-1/2 ZP | 1 1 |
| 12 | 1280356 | | Nut, Lock, Elas, 1/2-13 ZP | 1 1 |
| 13 | 8553534 | n/s | Kit, Repair, Air Cylinder, 8.00 | a/r a/r |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | NO. REQ. PER PARLOR SIDE |
|------|----------|-----------------------------|---|-----------------------------------|
| --- | | | Exit Gate, Xpressway Stall | - |
| --- | | | Exit Gate, Xpressway Stall, SS | - |
| 1 | 8590297 | ⊗ | Gate Assy, Exit, 50.0 | 1 - |
| | 8517598 | ⊗ | Gate Assy, 50.0, Exit, SS | - 1 |
| 2 | 8590300 | ⊗ | Hinge Assy, Exit Gate, Bot, Xway | 1 - |
| | 8517748 | ⊗ | Hinge Assy, Exit Gate, Bottom, Xway, SS | - 1 |
| 3 | 8590299 | ⊗ | Hinge Assy, Exit Gate, Top, Xway | 1 - |
| | 8517717 | ⊗ | Hinge Assy, Top, Exit Gate, SS | - 1 |
| 4 | 8553518 | 1 | Cylinder, Air, 2.00 x 8.00 | 1 1 |
| 5 | 8552272 | | Bracket, Mtg, Cylinder | 1 - |
| | 8517271 | ⊗ | Bracket, Exit Gate, Cylinder, SS | - 1 |
| 6 | 8553742 | ⊗ | Pin Assy, Exit Gate, Linkage | 1 - |
| | 8517279 | ⊗ | Pin Assy, Exit Gate, Linkage, SS | - 1 |
| 7 | 8506959 | | Bushing, Flanged, 1.06 x 2.06 | 2 2 |
| 8 | 8590298 | ⊗ | Linkage Assy, Exit Gate, Xway | 1 - |
| | 8517710 | ⊗ | Linkage Assy, Exit Gate, Xway, SS (Includes items 9 thru 11) | - 1 |
| 9 | 8590362 | ⊗ | Clevis Assy, Exit Gate | 1 - |
| | 8517714 | ⊗ | Clevis Assy, Exit Gate, SS | - 1 |
| 10 | 8552446 | | Clevis Assy, Rod | 1 - |
| | 8517274 | | Clevis Assy, Rod, SS | - 1 |
| 11 | 8590359 | ⊗ | Arm Assy, Pivot, Exit Gate | 1 - |
| | 8517711 | ⊗ | Arm Assy, Pivot, Exit Gate, SS | - 1 |
| 12 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 2 |

Xpressway Parallel Stalls (Newer Style)



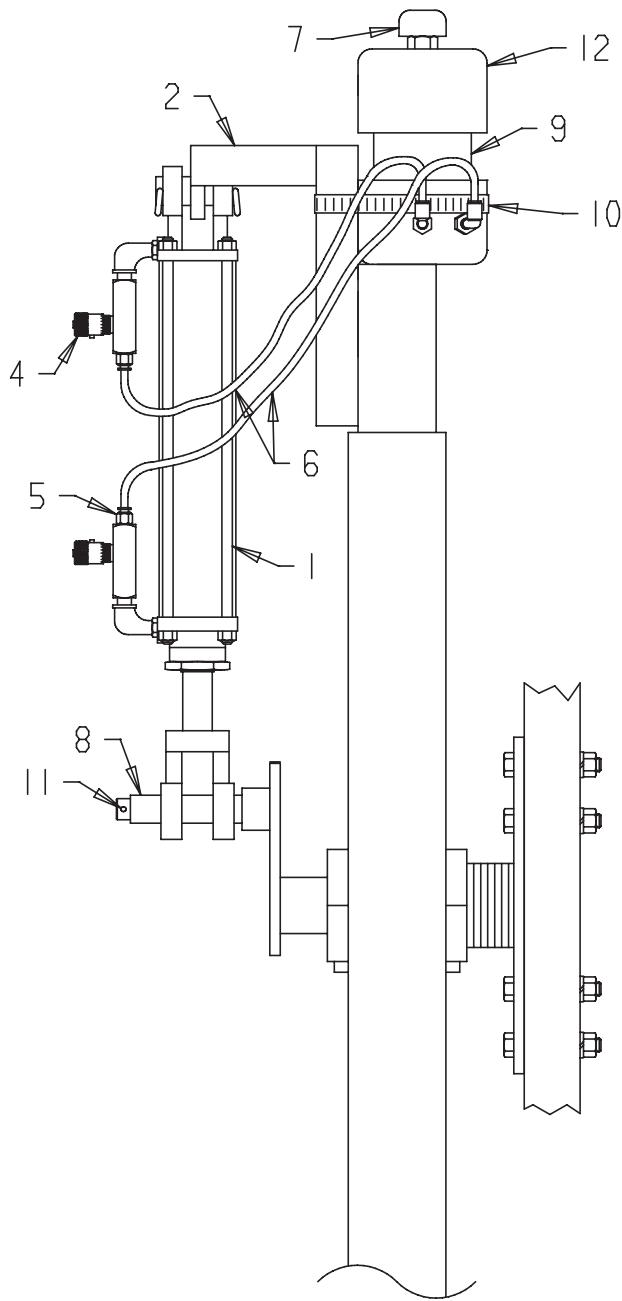
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r = AS REQ. |
|---|----------------------|--------------------------------------|----------------------------|
| Obsolete n/s = Not Shown | | | |
| | | Stall, Xpressway, Parallel II | |
| 1 | 8516197 | Sprt Post Assy, Reel, Prl, Galv | a/r |
| | 8504928 | Support Post Assembly, 3x6, Xway | a/r |
| 2 | 8501900 | Gusset Assy, Reel Mount | a/r |
| 3 | 8553456 | Kit, Curb, SS, 10 Ft | a/r |
| | 8553672 | Curb Assy, 12"Galv, 10 Ft | a/r |
| 4 | 8515556 | Support Assy, Rump rail, Prl | a/r |
| 5 | 3554010 | Extension Assy, Stall, OSF | 2 |
| 6 | 8510126 | Panel Assy, End, Prl Stall | 2 |
| | 8501797 ⁵ | Fence Assy, Galv, EP | 2 |
| 7 | 8590405 | Loop Assy, Reel End Sprt, Exit | a/r |
| 8 | 8515526 | End Sprt Assy, Reel, Prl Stall | a/r |
| 9 | 8515527 | End Sprt Assy, Reel, Prl w/Stop | a/r |
| 10 | 8510134 | Brisket Beam, 6 Cow, Prl Stall | a/r |
| 11 | 8515530 | Brisket Beam, 5 Cow, Prl Stall | a/r |
| 12 | 8515529 | Brisket Beam, 4 Cow, Prl Stall | a/r |
| 13 | 8518674 | Shaft Assy, Reel Crank, Hyd | a/r |
| | 8570940 ² | Shaft, Reel, Idle, Xpressway | a/r |
| | 8509805 ⁷ | Shaft Assy, Idle, XX, HD | a/r |
| 14 | 8570941 | Shaft, Reel, 10 In, Xpressway | a/r |
| | 8509804 ⁷ | Shaft Assy, 12.75, XX, HD | a/r |
| 15 | 8570939 | Shaft, Reel, Drive, Xpressway | a/r |
| | 8509801 ⁷ | Shaft Assy, Reel Drive, XX, HD | a/r |
| | 8516120 ¹ | Shaft, Reel, Drive, Xpressway | a/r |
| 16 | 8590254 ³ | Bearing, Reel, 5 x 5 x 2 In Set | a/r |
| | 8501901 | Bearing, Reel, 5 x 5 x 2 In Set | a/r |
| | 8500592 ⁷ | Bearing, Reel, 2.5" Shaft | a/r |
| 17 | 8590255 | Fitting, Grease, 1/8NPT | a/r |
| 18 | 8590144 | Wsh, Poly, 2.12 x 3.00 x .25 | a/r |
| 19 | 8515551 | Pipe, Galv, 2.00 Sch 40 x 97.88 | a/r |
| 20 | 8515550 | Pipe, Galv, 2.00 Sch 40 x 125.88 | a/r |
| 21 | 8515549 | Pipe, Galv, 2.00 Sch 40 x 153.88 | a/r |

| | | | | |
|----|----------------------|-------|--|-----|
| 22 | 8510146 | n/s | Control Assy, Prl Stall (Parts on page F-58) | 2 |
| 23 | 3557391 | n/s | Filter-Filter-Regulator | 1 |
| 24 | 8501787 | | Pedestal Assy, Entr. Gate, EP | 4 |
| 25 | 8516198 | | Pedestal Assy, Seq. Gate | a/r |
| 26 | 8501199 | ⊗ | Plate, Bearing Reinforcement | a/r |
| 27 | 8500987 | ⊗ | Loop Assy, Reel Ctr Sprt | a/r |
| | 8504930 ⁵ | | Loop Assy, Reel Ctr Sprt | a/r |
| 28 | 0696651 | | Tube, Rect, 6 x 3 x 188 x 20 ft | a/r |
| 29 | 8516124 | ⊗ n/s | Kit, Pre-Index, Xpressway, Prl (Includes item 3 thru 32, Latch Parts Shown on page F-33) | a/r |
| 30 | 8516085 ⁴ | | Shaft Assy, 10 In, Pre-Index, LH | a/r |
| 31 | 8516094 ⁴ | n/s | Shaft Assy, 10 In, Pre-Index, RH | a/r |
| 32 | 8501909 | | Pipe, Sch 40, .68 x 4.00 | a/r |
| 33 | 8509836 | | Collar, shaft, 2.50, Split | a/r |
| | 8502744 | | Collar, Shaft, 2.00, Split | a/r |
| 34 | 8509367 ⁶ | ⊗ | Shaft Assy, Split, 10", Pre-Index | a/r |
| 35 | ----- | | Literature 9ES-692 (Installation Instructions) | a/r |

Note:

- This drive shaft must be used when newer style reel drive system (shown on page F-48 - F-49) is present. It can also be used as a replacement when older style drive systems are present but shaft must be shortened.
- This shaft used as replacement ONLY when newer style drive system (shown on page F-48) is present.
- Bearing 8590254 used only when 5/16" mounting bolts are used.
- LH & RH do not refer to which side of the parlor the cows come in. They refer to your right or left as you are looking at the side which will be indexed first.
- Use only with 3x6 support post assy, item 1 (8509248).
- Used when 2 drives per side are present.
- Used on Xpressway Xtreme installations or anywhere 2.5" shafts are present.

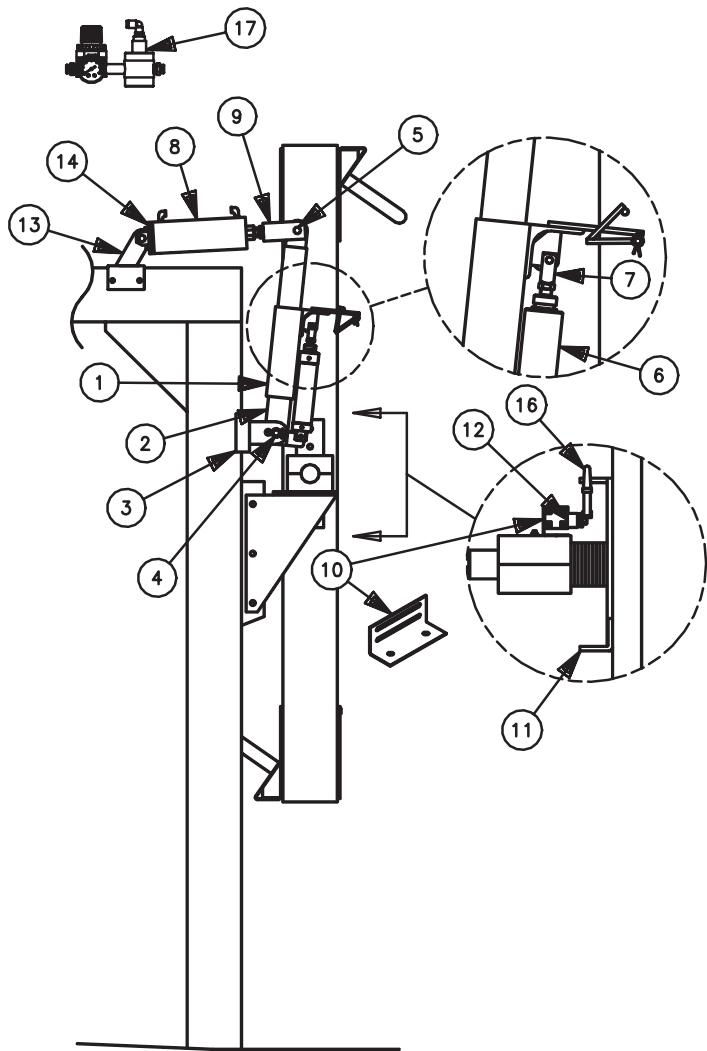
Reel Speed Control Detail Parallel Stalls



| ITEM | PART NO. | DESCRIPTION | NO. REQ. PER PARLOR SIDE |
|------|----------|--|-----------------------------------|
| | | Speed Control, Parallel Stalls | - |
| 1 | 8518672 | Cylinder, Hyd, 2.00 x 8.00 (Repair Kit, Item #13) | 1 |
| 2 | 8518675 | ⊗ Mount Assy, Cyl, Hydraulic | 1 |
| 3 | 8518682 | ⊗ Kit, Speed Control, Xpress Reel | 1 |
| 4 | 8505237 | Valve, Press. Comp, Flow Control | 2 |
| 5 | 8507100 | Conn, Push, 1/4 x 1/4NPT | 2 |
| 6 | 8519183 | ⊗ Tube, Nylon, .25 x .035 | a/r |
| 7 | 3554618 | Muffler, Filter, 1/4NPT, Nylon | 1 |
| 8 | 8518630 | Bushing, Acetal, 1.5 x 5.0 | 1 |
| 9 | 8518635 | ⊗ Reservoir Assy, Oil, PVC | 1 |
| 10 | 8516056 | n/s Reservoir Assy, Oil, 2.00, PVC | 1 |
| 10 | 8553741 | Clamp, Hose, SS, #104, 4.13 x 7.00 | 1 |
| 11 | 1210415 | Pin, Cotter, SS, 1/8 x 1 1/2 | 1 |
| 12 | 8518631 | ⊗ Cap, PVC, 3.00 x 1/4NPT | 1 |
| 12 | 8516054 | n/s Cap, PVC, 2.00 x 1/4NPT | 1 |
| 13 | 8500950 | n/s Kit, Repair, 2.00 Bore, Hyd Cyl | a/r |

| | |
|------------------------|-------------------|
| SECTION F | PAGE 33 |
| EFFECTIVE: 10/15/04 | |

Latch Detail Parallel Stalls



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | NO. REQD PER PARLOR SIDE | |
|------|----------------------|-----------------------------|--|-----------------------------|-------|
| | | | | No. of stalls per side | |
| | | | Latch Detail, Parallel Stalls | 4-24 | 25-32 |
| 1 | 8515496 | | Latch Assy, Prl Stall | 1 | 2 |
| 2 | 8515473 | | Tube Assy, Latch Sprt, Prl Stall | 1 | 2 |
| 3 | 8590125 | ⊗ | Clevis Assy | 1 | 2 |
| | 8504925 ³ | | Clevis Assy, Xway | 1 | 2 |
| 4 | 8571023 | | Pin, Clevis, 1.00 x 4.00 | 1 | 2 |
| 5 | 8507087 | | Pin, Clevis, .75 x 2.75 | 1 | 2 |
| 6 | 8571020 | | Cylinder, Air, 2.00 x 5.00 | 1 | 2 |
| 7 | 8571021 | | Clevis Assy, Latch, Prl Stall | 1 | 2 |
| 8 | 8571035 ¹ | | Cylinder, Air, 3.25 x 6.00 (Includes items 15 & 16) | 1 | 2 |
| | 8503823 | | Cyl Assy, 3.25 x 12.00, w/Spring | 1 | 2 |
| 9 | 8507061 | | Clevis Assy, Cylinder, SS | 1 | 2 |
| 10 | 8515536 | | Bracket, Limit Switch, Bearing | 1 | 1 |
| 11 | 8515537 | | Rod, Formed, Limit Sw, End Sprt | 1 | 1 |
| 12 | 8553477 | | Switch, Limit (Includes item 16) | 2 | 2 |
| 13 | 8553540 | | Clevis Assy, Crowd Cyl | 1 | 2 |
| 14 | 8516246 | ⊗ | Clevis, Cylinder, Air, 3.25 Bore | 1 | 2 |
| 15 | 8515465 | ⊗ n/s | Piston, 3.25 Bore, Air Cyl | 1 | 2 |
| 16 | 8500897 | | Wand, Limit Switch | 2 | 2 |
| 17 | 8503803 ² | | Air Control Assy, Cylinder (Parts on page F-111) | 1 | 2 |

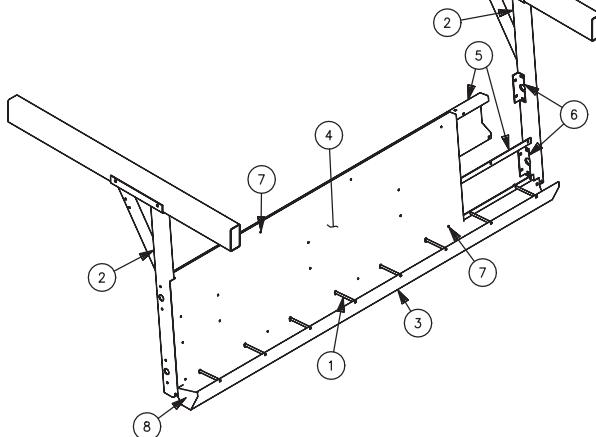
Note:

1. See page F-74 for cylinder repair kits.

2. Used with cylinder w/spring (Item 8 [8503823]).

3. Used with 3x6 support post assembly.

**Classic Stall Rear
Xpressway Parallel and Grand Prix Stalls
(4, 5 & 6 Cow Sections)**



| ITEM | PART NO. | DESCRIPTION | NO. REQ. PER PARLOR SIDE | | |
|------|----------|----------------------------------|--------------------------|-----|-----|
| | | | 6 Cow | | |
| | | | 5 Cow | | |
| | | Stall, Rear, Classic, 6-Cow | | | |
| | | Stall, Rear, Classic, 5-Cow | | | |
| | | Stall, Rear, Classic, 4-Cow | | | |
| 1 | 8501811 | Spacer, Rd, SS, .50 x .065 | 12 | 10 | 8 |
| 2 | 8501815 | Support Assy, Rump rail, EP | 2 | 2 | 2 |
| | 8501840 | Gutter, 6 Cow, SS, EP | 1 | - | - |
| 3 | 8501838 | Gutter, 5 Cow, SS, EP | - | 1 | - |
| | 8501836 | Gutter, 4 Cow, SS, EP | - | - | 1 |
| | 8501844 | Panel, Splash, 6 Cow, EP | 1 | - | - |
| 4 | 8501843 | Panel, Splash, 5 Cow, EP | - | 1 | - |
| | 8501842 | Panel, Splash, 4 Cow, EP | - | - | 1 |
| | 8501895 | Chan, Frmd, Splash Pnl, 6 Cow | 2 | - | - |
| 5 | 8501894 | Chan, Frmd, Splash Pnl, 5 Cow | - | 2 | - |
| | 8501876 | Chan, Frmd, Splash Pnl, 4 Cow | - | - | 2 |
| 6 | 8501877 | Bracket, Chan, Splash Pnl, EP | 4 | 4 | 4 |
| 7 | 8501902 | Nut, self-Retain, U-Type, 1/4-20 | 14 | 12 | 10 |
| 8 | 8501907 | Plate, End, Gutter | a/r | a/r | a/r |

**Supreme Signature & Supreme ProVantage Stall Rear
Xpressway Parallel and Grand Prix Stalls
(4,5 & 6 Cow Sections)**

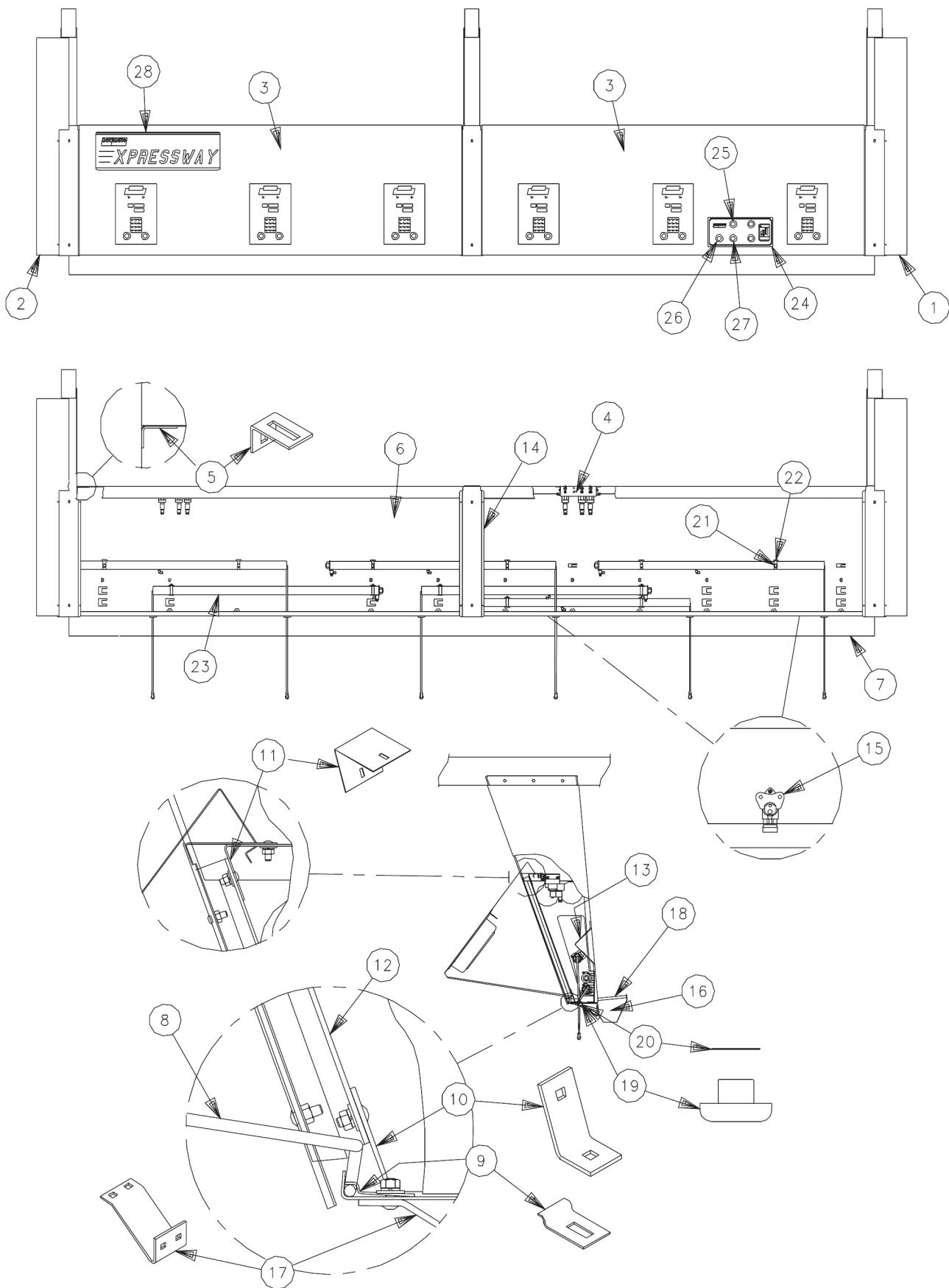
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|------|----------------------|-----------------------------|--|-----------------------------------|-------------|-------------|
| | | | | 4 Cow | 5 Cow | 6 Cow |
| | | | Stall, Rear, Supreme Signature | SS - | SS - | SS - |
| | | | Stall, Rear, Supreme ProVantage | - SP | - SP | - SP |
| 1 | 8515546 | | Cover, End Sprt, End, RH | 1 1 | 1 1 | 1 1 |
| 2 | 8515547 | | Cover, End Sprt, End, LH | 1 1 | 1 1 | 1 1 |
| 3 | 8504755 | | Cover Assy, Para Pnl, 4600, 3 Cow | - - | 1 - | 2 - |
| | 8515854 | | Cover Assy, Para Pnl, 4600, 2 Cow | 2 - | 1 - | - - |
| | 3557138 | | Kit, Cover, 3 Cow W/Detr Perf (shown) | - - | 1 1 | - 2 |
| | 3557139 | | Kit, Cover, 2 Cow W/Detr Perf (Parts for Cover Kits on Page F-42) | - 2 | - 1 | - - |
| 4 | 8515561 | ⊗ | Manifold Assy, Detr, 3 Station (Shown) | - - | a/r a/r a/r | a/r a/r a/r |
| | 8515562 | ⊗ | Manifold Assy, Detr, 4 Station (Parts on Page F-45) | a/r a/r | - - | - - |
| 5 | 8510145 | | Bracket, Angle, Rump Rail | 2 2 | 2 2 | 2 2 |
| 6 | 8516087 | | Kit, splash, 4 Cow Panel | 1 1 | - - | - - |
| | 8516088 | | Kit, splash, 5 Cow Panel | - - | 1 1 | - - |
| | 8516089 | | Kit, splash, 6 Cow Panel (Shown) | - - | - - | 1 1 |
| 7 | 8589914 | | Gutter, 2 Cow, Xpressway, (extra reinforcements) | a/r a/r | a/r a/r a/r | a/r a/r a/r |
| | 8501836 | | Gutter, 4 Cow, SS, EP | 1 1 | - - | - - |
| | 8501838 | | Gutter, 5 Cow, SS, EP | - - | 1 1 | - - |
| | 8501840 | | Gutter, 6 Cow, SS, EP | - - | - - | 1 1 |
| | 8510107 | | Gutter, Prl Stall, 4 Cow | a/r a/r | a/r a/r a/r | a/r a/r a/r |
| 8 | 8510138 | | Rod, Support, Cover, 30.25 | 2 2 | 2 2 | 2 2 |
| 9 | 8510140 | | Bracket, Cover, Rod | 2 2 | 2 2 | 2 2 |
| 10 | 8510142 | | Bracket, Cover, BTM Prl Stall | 1 1 | 1 1 | 1 1 |
| 11 | 8510143 | | Angle, Cover Rump Rail | 1 1 | 1 1 | 1 1 |
| 12 | 8510144 | | Channel, Support, Rump Rail | 1 1 | 1 1 | 1 1 |
| 13 | 8515298 | | Stiffner, Rump Rail, 3 Cow (Shown) | - - | 1 1 | 2 2 |
| | 8515525 | | Stiffner, Rump Rail, 2 Cow | 2 2 | 1 1 | - - |
| 14 | 8515385 | | Cover, End Support, Front | 3 3 | 3 3 | 3 3 |
| 15 | 8515269 | | Fastner, Link-Lock | 4 4 | 4 4 | 4 4 |
| 16 | 8501907 ¹ | | Plate, End, Gutter | a/r a/r | a/r a/r a/r | a/r a/r a/r |
| | 8515472 ¹ | ⊗ | End Plate, Gutter | a/r a/r | a/r a/r a/r | a/r a/r a/r |
| 17 | 8502056 | | Bracket, Gutter, Support | 2 2 | 2 2 | 2 2 |
| 18 | 8501811 | | Spacer, Rd, SS, .50 x .065 x 6.12 | 8 8 | 10 10 | 12 12 |
| | 8510141 ¹ | | Spacer, Rd, SS, .37 x .50 x 3.25 | 8 8 | 10 10 | 12 12 |
| 19 | 3554396 | | Bushing, Chain Guide | 4 4 | 5 5 | 6 6 |
| 20 | 3551909 | | Ring, Retaining, Push-on, Ext, .75 | 4 4 | 5 5 | 6 6 |
| 21 | 8514033 | | Clamp, Hose, SS, #36, 1.80 - 2.75 | 8 8 | 10 10 | 12 12 |
| 22 | 8515639 | | Chain, UHMW, 2.00 x 1.00 x 1.00 | 8 8 | 10 10 | 12 12 |
| 23 | 8515559 | | Cylinder Assy, Detr, Air, Horiz (Shown) | 4 4 | 5 5 | 6 6 |
| | 8515560 | | Cylinder Assy, Detr, Vac, Horiz (Parts on Page F-47) | 4 4 | 5 5 | 6 6 |
| 24 | 85024972 | | Label, Push-Button | 1 1 | 1 1 | 1 1 |
| 25 | 85114182 | ⊗ | Valve Assy, Pushbutton, Red | a/r a/r | a/r a/r a/r | a/r a/r a/r |
| 26 | 85114192 | ⊗ | Valve Assy, Pushbutton, Grn | a/r a/r | a/r a/r a/r | a/r a/r a/r |
| 27 | 85114202 | ⊗ | Valve Assy, Pushbutton, Blk (Parts on Page F-54) | a/r a/r | a/r a/r a/r | a/r a/r a/r |
| 28 | 8502498 | | Label, XPressway Stall | 2 2 | 2 2 | 2 2 |
| 29 | 3558263 | n/s | Grommet, 1.25x1.50, Pulsation | a/r a/r | a/r a/r a/r | a/r a/r a/r |

1. Gutter P/N 8510107, gutter end plate P/N 8515472 & spacer P/N 8510141 are used on a 3.25" wide gutter used on some earlier model parallel stalls.

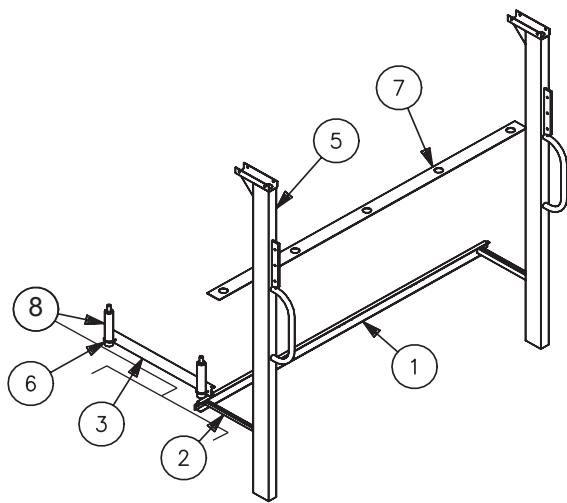
2. Not used on Grand Prix Stalls.

**Supreme Signature & Supreme ProVantage Stall Rear
Xpressway Parallel and Grand Prix Stalls
(4, 5 & 6 Cow Sections)**

| | |
|--------------------|------|
| SECTION | PAGE |
| F | 35 |
| EFFECTIVE: 8/21/98 | |



Parallel and Grand Prix Post & Template Kits



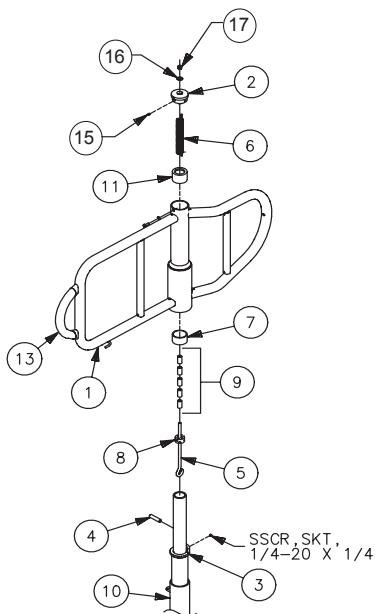
| ITEM | PART NO. | ⊗ = OBSOLETE n/s = NOT SHOWN | DESCRIPTION | | QTY REQUIRED (a/r = AS REQUIRED) |
|------|----------------------|---------------------------------|--------------------------------------|-----|-------------------------------------|
| | | | Kit, Post & Template, Grand Prix | GP | |
| | | | Kit, Post & Template, Xway | - | Xway |
| 1 | 8501736 | | Channel, Seq. Gate, Sprt, 4 Cow | a/r | a/r |
| | 8501855 | | Channel, Seq. Gate, Sprt, 5 Cow | a/r | a/r |
| | 8501835 | | Channel, Seq. Gate, Sprt, 6 Cow | a/r | a/r |
| 2 | 8501737 | ⊗ | Angle, Formed, Seq Gate Sprt, EP | a/r | - |
| | 8502447 | | Angle, Formed, Template, X-Way | - | a/r |
| | 8504929 ¹ | | Angle, Formed, Template, X-Way | - | a/r |
| 3 | 8501783 | ⊗ | Chan, Frmd, 3.00x1.50x41.37, EP | - | a/r |
| 4 | 8501787 | | Pedestal Assy, Entr Gate | a/r | a/r |
| 5 | 8501828 | | Sprt Post Assy, Galv, Grand Prix | a/r | - |
| | 8504928 | | Sprt Post Assy, 3 x 6, Xway | - | a/r |
| 6 | 8501858 | | U-Bolt, ZP, 5/16-18 x 2.5 ID x 3 | a/r | a/r |
| 7 | 8501904 | | Plate, 4.75 x 120, 10 GA, Galv | a/r | a/r |
| 8 | 8511495 | | Channel Assembly, Entrance Gate, Ped | a/r | a/r |

Note

1. Used with 3 x 6 support post assembly.

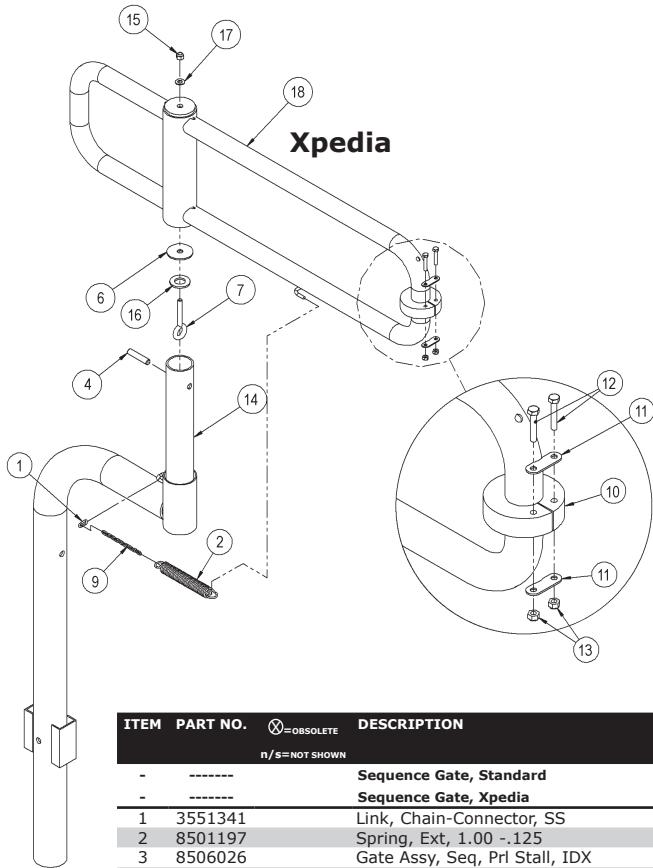
Deluxe Sequence Gate Kit

| | |
|------------------------|-------------------|
| SECTION F | PAGE 37 |
| EFFECTIVE: 02/06/20 | |

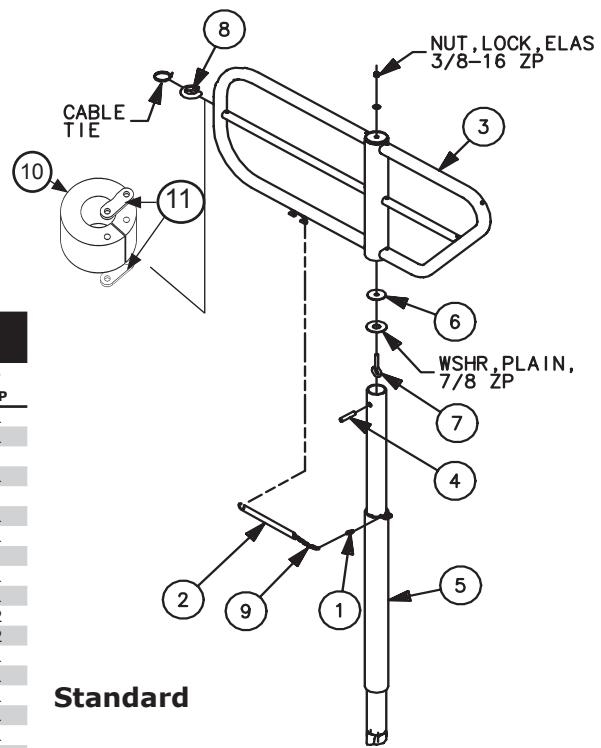


| ITEM | PART NO. | QTY. REQ. n/s=NOT SHOWN | DESCRIPTION | |
|----------------|----------------|--|--|--------------------------|
| | | | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
| 8501947 | | | Kit, Seq Gate & Ped, Deluxe, 2 Cow | - |
| 1 | 8515843 | 2 | Gate Assy, Seq, Prl Stall, RH | |
| | 8510119 | 2 | Gate Assy, Seq, Prl Stall, LH | |
| 2 | 8510117 | 2 | Bushing Assy, Seq Gate, Top | 2 |
| 3 | 8510113 | 2 | Stop, Lower, Seq Gate | 2 |
| 4 | 8510116 | 2 | Pin, SS, .500 x 2.06 | 2 |
| 5 | 8515528 | 2 | Eyebolt, 3/8-16 x 9.88 x .75 x .63 | 2 |
| 6 | 8510121 | 2 | Spring, Trsn, 1.00-.180, Blu | 2 |
| | 8510122 | 2 | Spring, Trsn, 1.00-.180 x .66, Blk | 2 |
| 7 | 8510115 | 2 | Bushing, Seq Gate, 2.18 x 1.93 x 1.31 | 2 |
| 8 | 8515557 | 2 | Bushing, Spring, Prl Stall | 2 |
| 9 | 8515558 | 10 | Bushing, Bronze, .375 x 6.25 x 1.25 | 10 |
| 10 | 8516198 | 2 | Pedestal Assy, Seq Gate | 2 |
| 11 | 8504745 | 2 | Bushing, Top, Seq Gate | 2 |
| 12 | 8501355 | a/r (Includes items 3,4,5,11,14 (8514271) thru 17) | Kit, Seq Gate, Spring/Bushing, LH | a/r |
| | 8501356 | a/r (Includes items 3,4,5,11,14 (8514272) thru 17) | Kit, Seq Gate, Spring/Bushing, RH | a/r |
| 13 | 8507430 | 1 | Loop, seq Gate, R4.50 | 1 |
| | 8514271 | 1 | Spring Assy, LH, Deluxe Seq Gate | 1 |
| 14 | 8514272 | 1 | Spring Assy, RH, Deluxe Seq Gate | 1 |
| | | | (Includes items 2, 6, 8, 9 (Qty-5), & 15 (Qty-3)) | |
| 15 | 1156002 | 2 | SSCR, SKT, 1/4-20 x 1/4 | 2 |
| 16 | 1208388 | 2 | Washer, Plain, SS, 3/8 | 2 |
| 17 | 1222354 | 2 | Nut, Lock, Elas, SS, 3/8-16 | 2 |

Note: 1. Use blue spring on right side of parlor, black spring on left side.



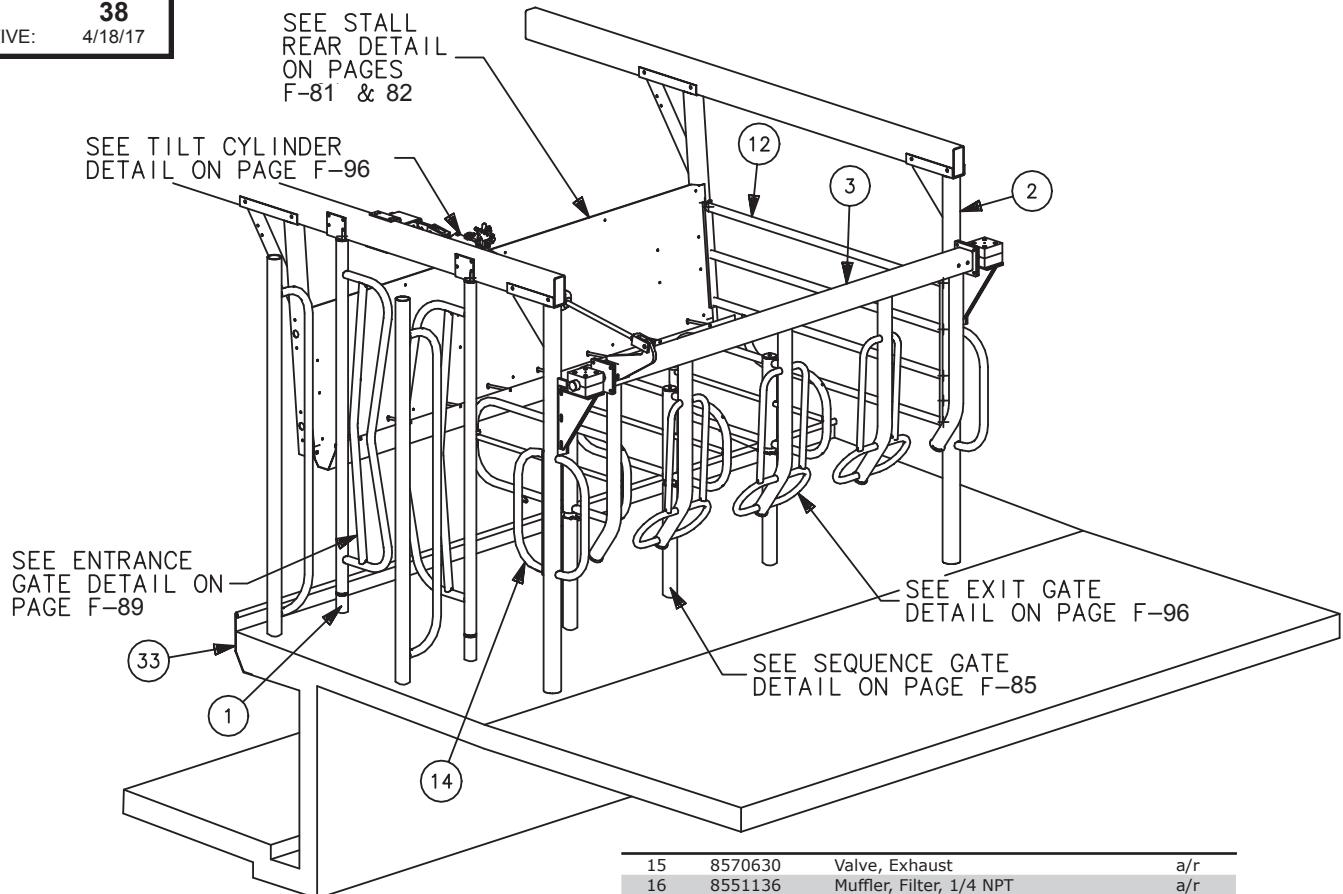
| ITEM | PART NO. | QTY. REQ. n/s=NOT SHOWN | DESCRIPTION | |
|-----------|----------------|----------------------------|--|----------|
| | | | ST | XP |
| | | | Sequence Gate, Standard | - |
| | | | Sequence Gate, Xpedia | |
| 1 | 3551341 | 1 | Link, Chain-Connector, SS | 1 |
| 2 | 8501197 | 1 | Spring, Ext, 1.00-.125 | 1 |
| 3 | 8506026 | 1 | Gate Assy, Seq, Prl Stall, IDX | - |
| 4 | 8501788 | 1 | Pin, Eye bolt, EP | 1 |
| 5 | 8501758 | 1 | Pedestal Assy, Seq Gate, EP | - |
| 6 | 8501898 | 1 | Wshtr, Polye, .50 x 2.25 x .12 | 1 |
| 7 | 8501905 | 1 | Eyebolt, 3/8-16 s 2.00 x .75, ZP | 1 |
| 8 | 8501908 | 1 | Extrusion, D, EPDM, 5.5 Long | - |
| 9 | 8501910 | 1 | Chain, Twist-Link, SS, 9 Link | 1 |
| 10 | 8514107 | 1 | Bumber, Seq Gate, 1.625 ID | 1 |
| 11 | 8514108 | 2 | Plate, Bumper, Seq Gate, 4.625 ID | 2 |
| 12 | 1174013 | 2 | CSCR,HXH,1/4-20 X 1-1/2 ZP | - |
| 13 | 1222352 | 1 | NUT,LOCK,ELAS,SS,1/4-20 | - |
| 14 | 8513583 | 1 | POST ASSY,SEQ GATE,XPEDIA | - |
| 15 | 1280354 | 1 | NUT,LOCK,ELAS,3/8-16 ZP | - |
| 16 | 1282393 | 1 | WASHER,PLAIN,7/8 ZP,WID A | - |
| 17 | 1282388 | 1 | WASHER,PLAIN,3/8 ZP,WID A | - |
| 18 | 8513587 | 1 | GATE ASSY,SEQ,BOTTOM,XSPEDIA | - |



Standard

Standard & Xpedia Sequence Gate Kits

Grand Prix Parallel Stalls



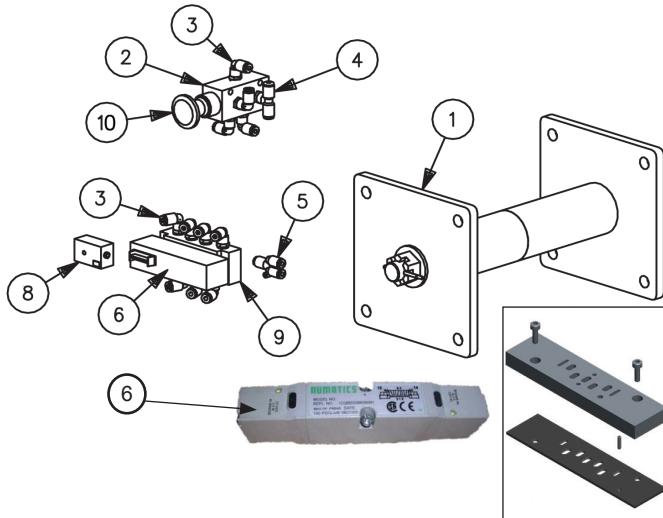
| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|-------|----------|---|---------------------------|
| - - - | | Stall, Grand Prix Parallel | - |
| 1 | 8501787 | Pedestal Assy, Entr Gate, EP | 4 |
| 2 | 8501828 | Support Post Assy, Galv, EP | a/r |
| 3 | 8501771 | Gate, 4 Cow, Tilt Exit, EP (Shown) | a/r |
| | 8501772 | Gate, 5 Cow, Tilt Exit, EP | a/r |
| | 8501773 | Gate, 6 Cow, Tilt Exit, EP | a/r |
| 4 | 8501738 | Shaft, Reel, 10", EP | a/r |
| 5 | 8501739 | Shaft, Reel, Idle, EP | 4 |
| 6 | 8501900 | Gusset, Reel, 5 x 5 2 IN | a/r |
| 7 | 8501909 | Pipe, 304, SCH 40, .68 x 4.00 | a/r |
| 8 | 8501901 | Bearing, Reel, 5 x 5 x 2 IN | a/r |
| 9 | 8590255 | Fitting, Grease, 1/8 NPT | a/r |
| 10 | 8590144 | Wsh, Polye, 2.12 x 3.00 x .25 | a/r |
| 11 | 3557391 | Filter - Filter - Regulator n/s | 1 |
| 12 | 8501797 | Fence Assy, Galv, EP | 2 |
| 13 | 8516098 | Regulator, Filter, 1/2" Port n/s (Parts on page F-85) | a/r |
| 14 | 8590405 | Loop Assy, Reel End Sprt, EP | 2 |

| | | | |
|----|----------------------|---|-----|
| 15 | 8570630 | Valve, Exhaust | a/r |
| 16 | 8551136 | Muffler, Filter, 1/4 NPT | a/r |
| 17 | 8507087 | Pin, Clevis, .75 x 2.75 | a/r |
| 18 | 8507061 | Clevis Assy, Cylinder SS | a/r |
| 19 | 8507022 | Conn, Swl, Elb, 1/4 OD x 1/4 NPT | a/r |
| 20 | 8507015 | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | a/r |
| 21 | 8502055 | Bracket, Tandem, Cyl, Anti-Rotate | a/r |
| 22 | 8501841 | Bushing, Bronze, .750 x 1.00 x .875 | a/r |
| 23 | 8501729 | Bracket, Cyl Mount, Fixed, EP | a/r |
| 24 | 8501728 | Arm, Cyl Mount, Fixed, EP | a/r |
| 25 | 8501727 ¹ | Cylinder, Air, 4 x 2/4 x 18 Tandem | a/r |
| 26 | 8501724 | Bracket, Assy, Cl, Rod End, EP | a/r |
| 27 | 8501198 | Valve, Control, Flow, 1/4 NPT | a/r |
| 28 | 8510969 | Valve, Air, 1/4, 5 port / 2 Pos | a/r |
| 29 | 3554159 | Conn, Push, 5/32 OD x 1/8 NPT | a/r |
| 30 | 1432100 | Nipple, Brs, 1/4 x 2 | a/r |
| 31 | 1431117 | Bushing, Hex, Brs, 3/8 x 1/4 | a/r |
| 32 | 1430200 | Elbow, Street, 90 Deg., Brs, 1/4 | a/r |
| 33 | 8553456 | Kit, Curb, SS, 10 Ft | a/r |
| | 8553672 | Curb Assy, 12", Galv, 10 Ft (Shown) | a/r |
| 34 | ----- | Literature 9ES-755 (Installation Instructions) | ref |

Note

1. See page F-74 for cylinder repair kits.

Pre-Index Kits

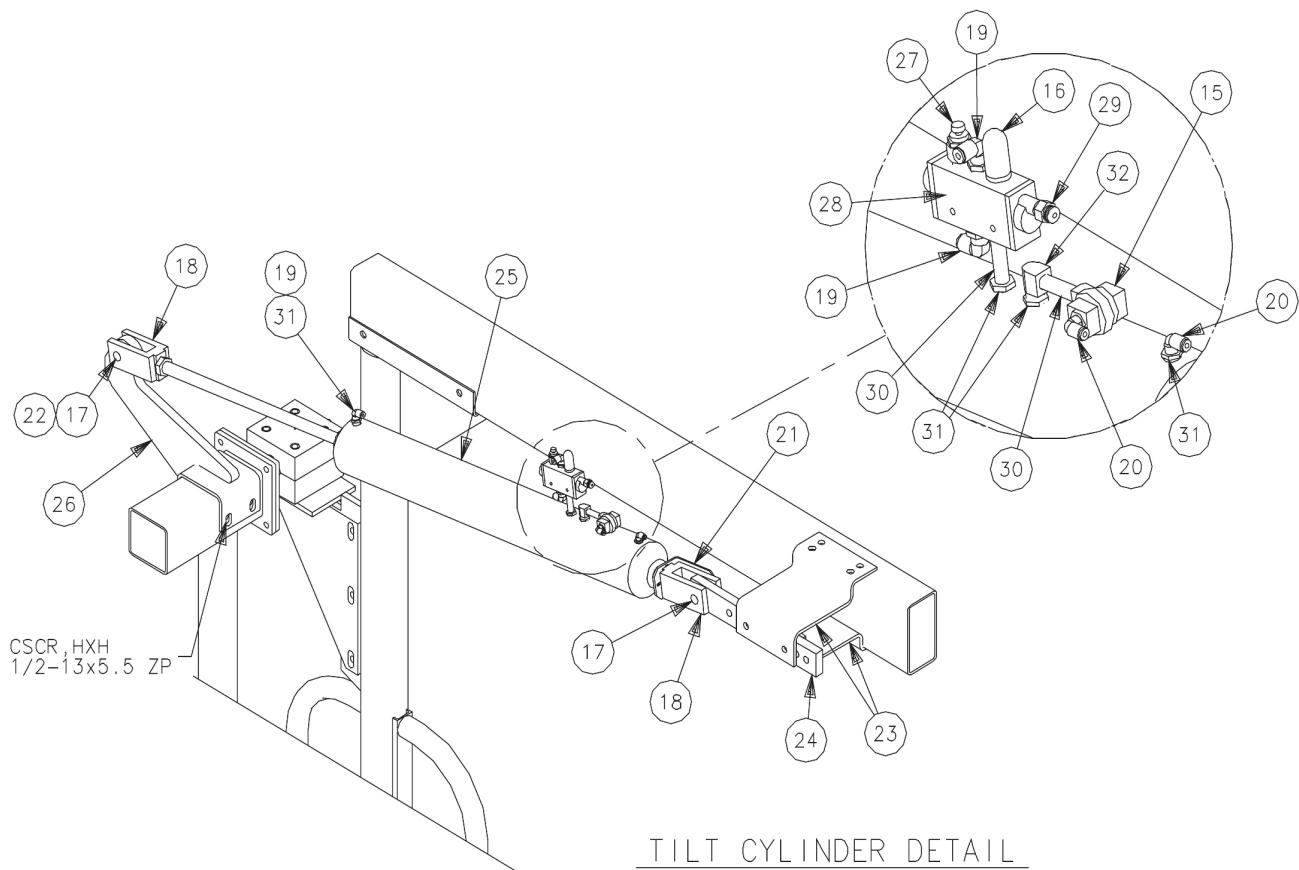
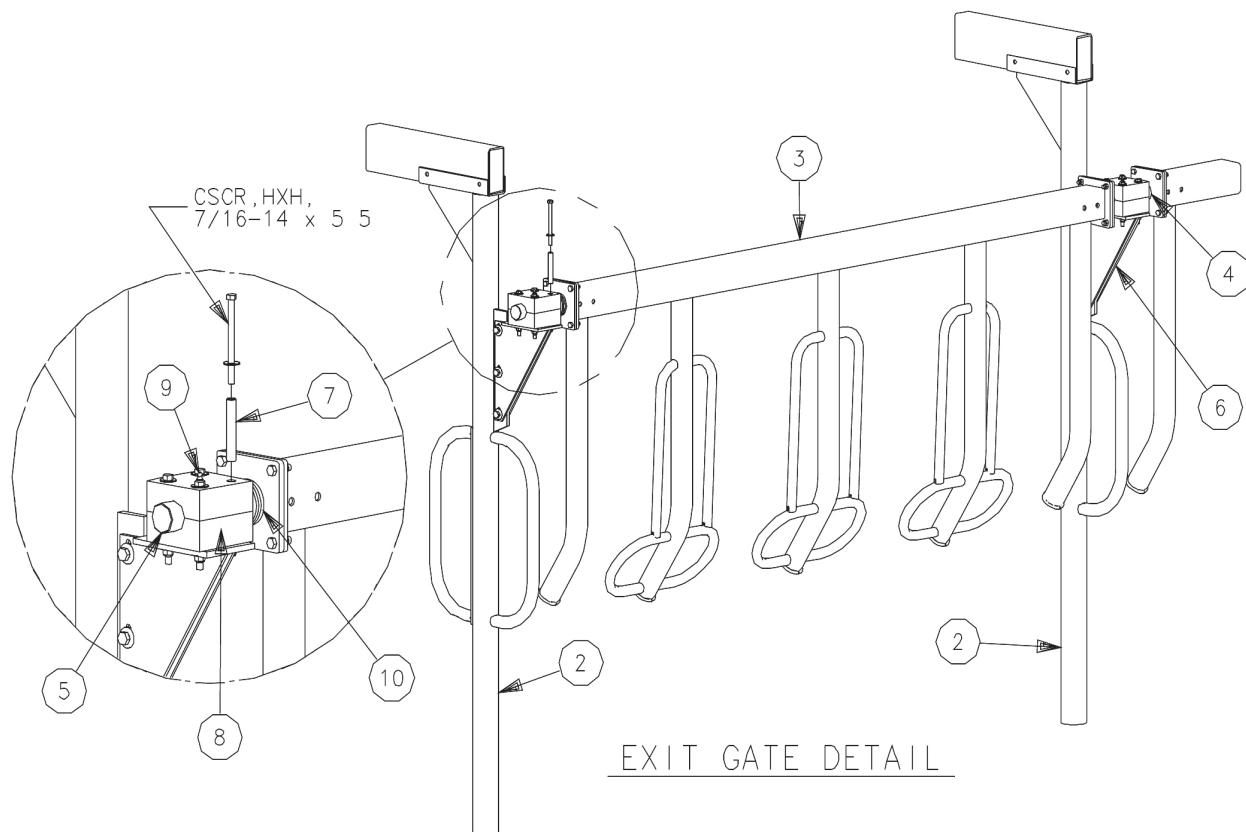


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------------------|--------------------------------------|-----------------------------------|
| 8502373 | ⊗ | Kit, Pre-Index, GP, Tilt Exit | 375 |
| 8502374 | ⊗ | Kit, Pre-Index, GP, Locking | 374 |
| 1 | 8502411 | Shaft Assy, 10" Pre-Index | 2 |
| 2 | 8507149 | Valve, Air 4-way (Includes item 9) | 2 |
| 3 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 6 |
| 4 | 3554109 | Conn, Swl, Tee, 5/32x5/32x1/8 NPT | 4 |
| 5 | 8507088 | Conn, Push, Union, Y, 5/32 | - |
| 6 | 8507233 ¹ | ⊗ Valve, 4-way, 5-Port, 2 Pos | 2 |
| | 8592214 | Valve, Replacement, CNTRL, Stall | a/r |
| 7 | 8592213 | Kit, Transition, Valve, CNTRL, Stall | a/r |
| 8 | 8590304 | Valve, Air, Logic OR | 2 |
| 9 | 8590442 | Manifold, Sub-base, Single, 1 | - |
| 10 | 8511551 | Push Button, Valve, BLK | 2 |

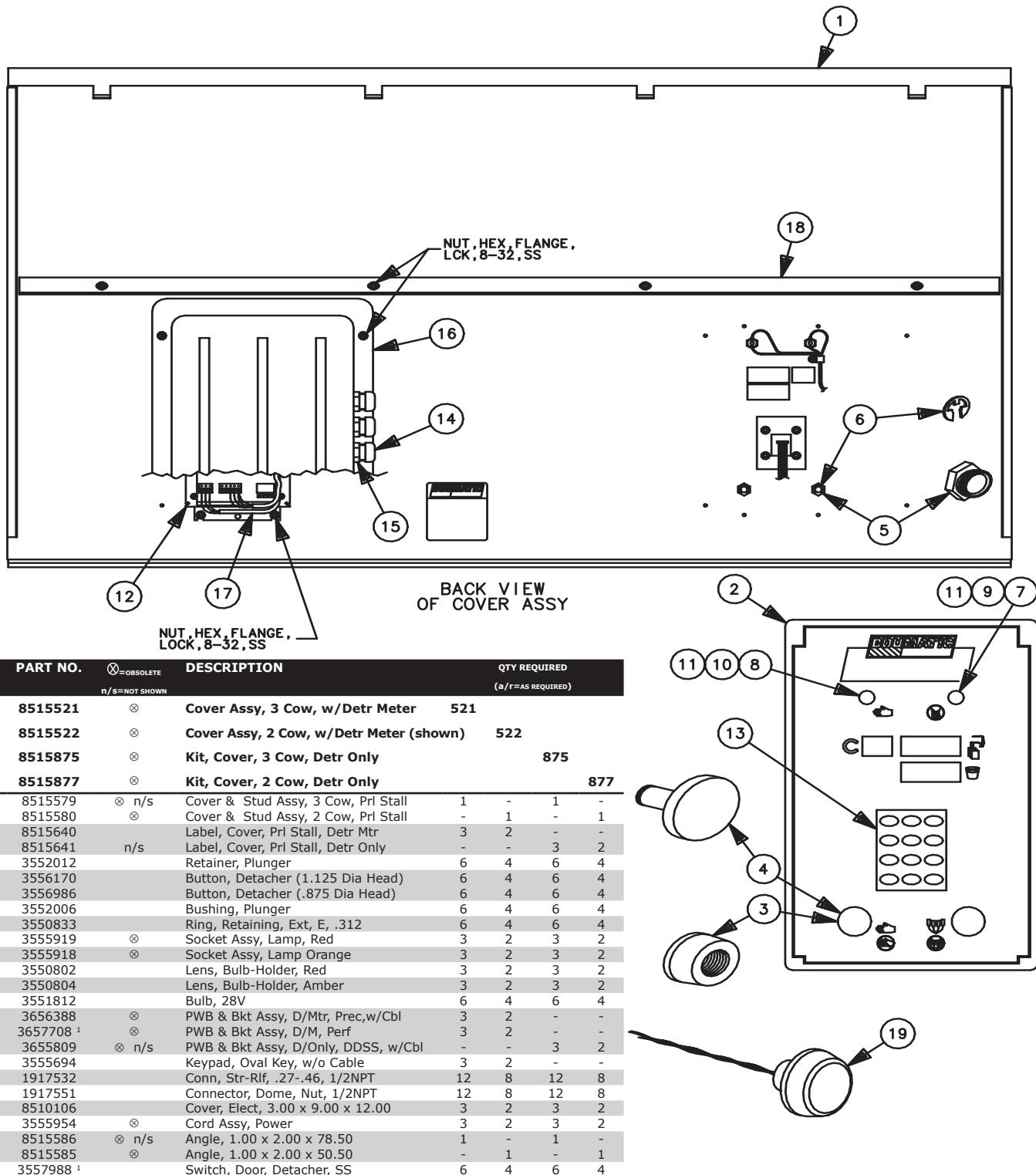
1. Both 8592214 and 8592213 are required when replacing 8507233.

Grand Prix Parallel Stalls

| | |
|----------------------|-------------------|
| SECTION F | PAGE 39 |
| EFFECTIVE: 2/1/98 | |

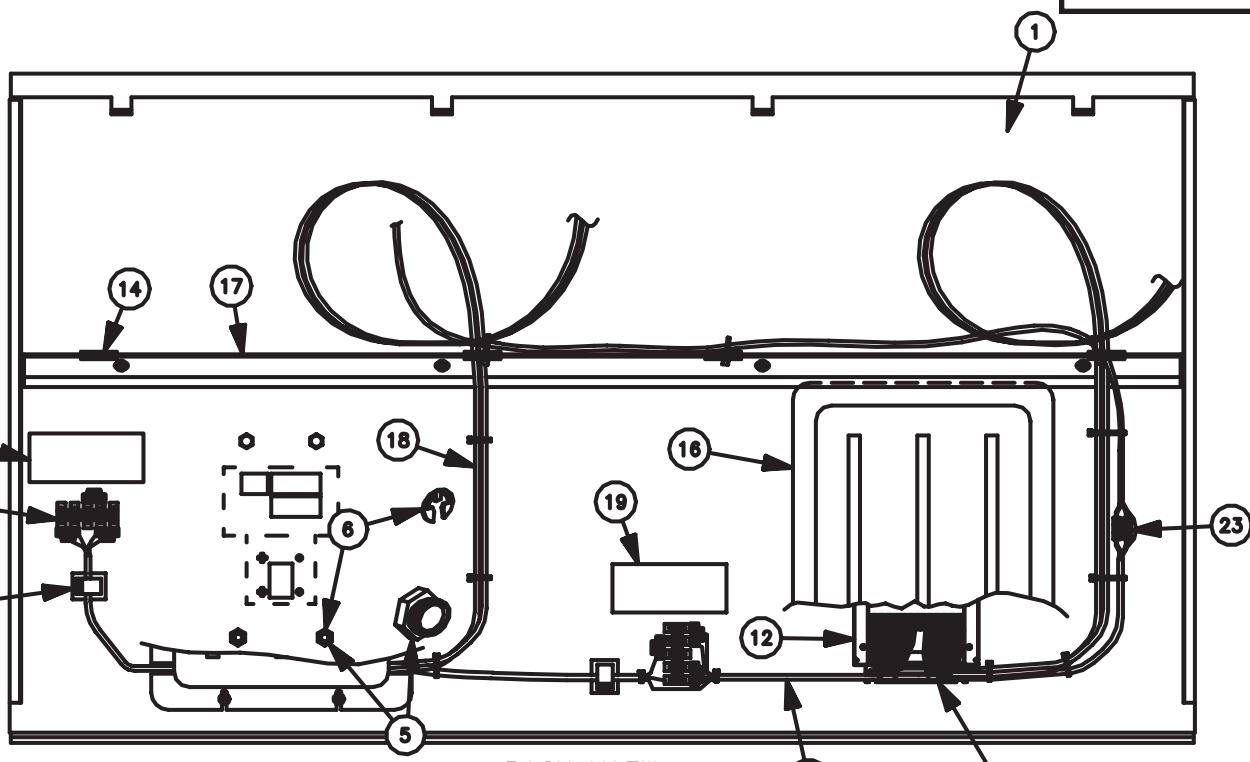


Detacher Cover, Assemblies
Xpressway Parallel & Grand Prix Stalls



Note:

1. SS Switch (item 19) replaces items 3 thru 6 on newer assemblies and can only be used with PWB & Bracket assembly 3657708 (item 12).

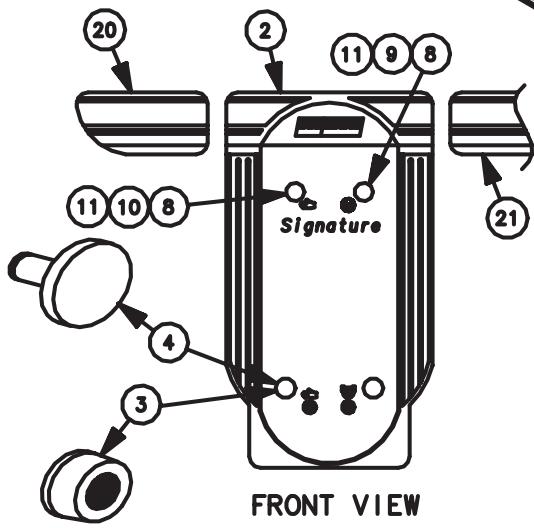


BACK VIEW
OF COVER ASSY

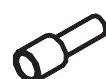
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------------------|---|-----------------------------------|
| | | ⊗=OBSOLETE n/s=NOT SHOWN | |
| 8504754 | | Cover Assy, Para Pnl, 4600, 2 Cow | 754 - |
| 8504755 | | Cover Assy, Para Pnl, 4600, 3 Cow | - 755 |
| 1 | 8515497 | Cover, Detr, Mtr, 2 Cow | 1 - |
| | 8515297 | Cover, Detr, Mtr, 3 Cow | - 1 |
| 2 | 8502383 | Label, Cover, Prl Stall, Detacher | 2 3 |
| 3 | 3552012 | Retainer, Plunger | 4 6 |
| 4 | 3556986 | Button, Detacher | 4 6 |
| 5 | 3552006 | Bushing, Plunger | 4 6 |
| 6 | 3557988 ¹ | Switch, Door, Detacher, SS | 4 6 |
| 8 | 3557104 | ⊗ Socket Assy, Lamp, 4400 | 4 6 |
| 9 | 3550802 | Lens, Bulb-Holder, Red | 2 3 |
| 10 | 3550804 | Lens, Bulb-Holder, Amber | 2 3 |
| 11 | 3551812 | Bulb, 28V | 4 6 |
| | 3558006 | LED Indicator Assy, Red, 17" | 2 3 |
| | 3558007 | LED Indicator Assy, Yellow, 14" (LED assemblies replaces socket, lens & bulb) | 2 3 |
| 12 | 3657492 | Kit, PWB Assy, 42-4600 Series, Rear ACS | 2 3 |
| 13 | 3557181 | Bracket, Wire-Harness, Prl Stall | 2 3 |
| 14 | 4017211 | Bushing, Snap, Nylon, SB-1000-12 | 4 6 |
| 15 | 8504742 | Wire Harness, Para Pnl, 4600, 2CW | 1 - |
| | 8504743 | Wire Harness, Para Pnl, 4600, 3CW (Both include items 23 thru 27) | - 1 |
| 16 | 3557182 | Cover, Elect, 3.00 x 9.00 x 12.00 | 2 3 |
| 17 | 3557183 | Angle, 2.00 x 1.43 x 50.50 | 1 - |
| | 3557184 | Angle, 2.00 x 1.43 x 78.50 | - 1 |
| 18 | 8504741 | Wire Harness, 4600, Parallel, Sol (Includes item 28) | 2 3 |
| 19 | 8504756 | Label, Wiring, Cover Assy | 2 3 |
| 20 | 3557225 | Label, Prl Meter, Stripe, End (3557225 includes both LH & RH ends) | 1 1 |
| 21 | 3557221 | Label, Prl Meter, Stripe | 1 2 |
| 22 | 1914004 | Clamp, Cable, 3/4 Dia, Adh | 2 3 |
| 23 | 1917660 | Connector, Term Strip, 2-Pos | 1 1 |
| 24 | 1917664 | ⊗ Connector, Term Strip, 5-Pos | 2 3 |
| 25 | 1916637 | Connector, Pin, Sgl, Ferrule, 10 Ga | a/r a/r |
| 26 | 1916638 | Connector, Pin, Sgl, Ferrule, 12 Ga | a/r a/r |
| 27 | 1916626 | Connector, Pin, Sgl, Ferrule, 18 Ga | a/r a/r |
| 28 | 8503751 | n/s Connector, Din, Solenoid | 2 2 |

Note:

1. SS Switch (item 7), replaces items 3 thru 6 on newer assemblies.

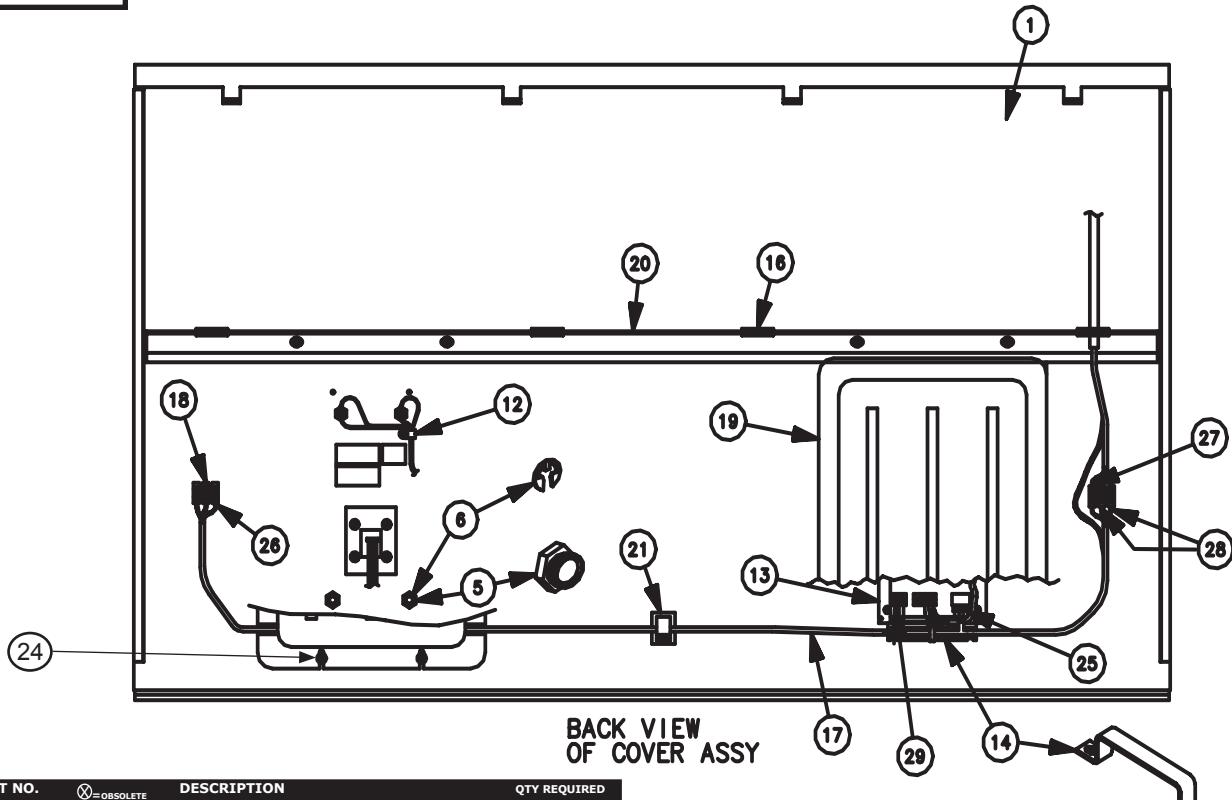


FRONT VIEW



ITEMS 25 THRU 27
LOOK SIMILAR TO THIS

ProVantage Detacher Cover Kits
Xpressway Parallel & Grand Prix Stalls

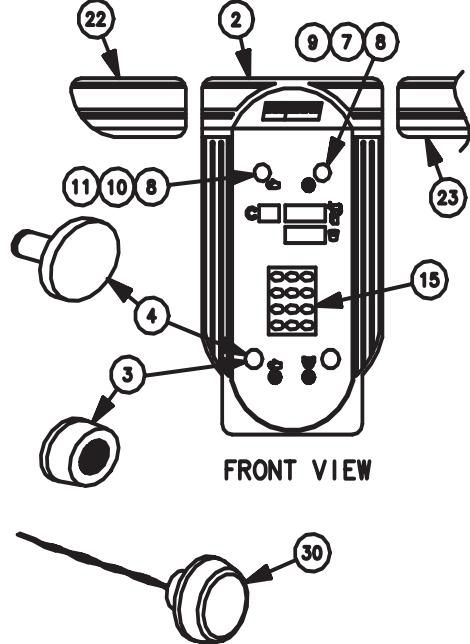


BACK VIEW
OF COVER ASSY

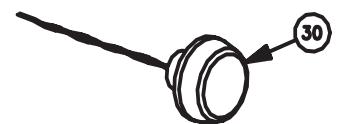
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|--|----------------------|--|-----------------------------------|
| | | Obsolete n/s=NOT SHOWN | |
| 3557138 | | Kit, Cover, 3 Cow, W/Detr, Perf (Kit includes two 3-Cow Panels) | 138 |
| 3557139 | | Kit, Cover, 2 Cow, W/Detr, Perf (Kit includes two 2-Cow Panels) | 139 |
| Note: Quantities shown are for one panel. | | | |
| 1 | 3557186 | Cover & Stud Assy, 3 Cow, Prl Stall | 1 - |
| | 3557185 | Cover & Stud Assy, 2 Cow, Prl Stall | - 1 |
| 2 | 3557187 | Label, Cover, Prl Stall, Detr Mtr | 3 2 |
| 3 | 3552012 | Retainer, Plunger | 6 4 |
| 4 | 3556986 | Button, Detacher | 6 4 |
| 5 | 3552006 | Bushing, Plunger | 6 4 |
| 6 | 3550833 | Ring, Retaining, SS | 6 4 |
| 7 | 3555919 | Socket Assy, Lamp, Red | 3 2 |
| 8 | 3555918 | Socket Assy, Lamp, Orange | 3 2 |
| 9 | 3550802 | Lens, Bulb-Holder, Red | 3 2 |
| 10 | 3550804 | Lens, Bulb-Holder, Amber | 3 2 |
| 11 | 3551812 | Bulb, 28V | 6 4 |
| | 3558006 | LED Indicator Assy, Red, 17" | 3 2 |
| | 3558007 | LED Indicator Assy, Yellow, 14" (LED Assemblies replace socket, lens & bulb) | 3 2 |
| 12 | 1979202 | Clamp, Cable, 1/4 ID x .38 | 3 2 |
| 13 | 3656389 | Pwb & Bkt Assy, D/Mtr, Perf, w/Cbl | 3 2 |
| | 3657708 ¹ | Pwb & Bkt Assy, D/Mtr, Perf (SS Switch) | 3 2 |
| 14 | 3557181 | Bracket, Wire Harness, Prl Stall | 3 2 |
| 15 | 3555694 | Keypad, Oval Key, w/o Cable | 3 2 |
| 16 | 4017211 | Bushing, Snap, Nylon, SB-1000-12 | 6 4 |
| 17 | 3556900 | Wire Harness, Para Pnl, D/M, 3 Cow | 1 - |
| | 3556898 | Wire Harness, Para Pnl, D/M, 2 Cow (Includes item 18) | - 1 |
| 18 | 1917658 | Connector, Term Strip, 3-Pos | 2 2 |
| 19 | 3557182 | Cover, electronics, 3.0 x 9.0 x 12.0 | 3 2 |
| 20 | 3557184 | Angle, 2.00 x 1.43 x 78.50 | 1 - |
| | 3557183 | Angle, 2.00 x 1.43 x 50.50 | - 1 |
| 21 | 1914004 | Clamp, Cable, 3/4 Dia, Adh | 2 1 |
| 22 | 3557225 | Label, Prl Meter, Stripe, End (3557225 includes both LH & RH Ends) | 1 1 |
| 23 | 3557221 | Label, Prl Meter, Stripe | 2 1 |
| 24 | 1225378 | Nut, Hex, Flange, Lck, 8-32, SS | 27 18 |
| 25 | 1916630 | Connector, Pin, Dual, 18 GA, Ferrule | a/r a/r |
| 26 | 1916634 | Connector, Pin, Dual, 12 GA, Ferrule | a/r a/r |
| 27 | 1916637 | Connector, Pin, Sgl, Ferrule, 10 GA | a/r a/r |
| 28 | 1916638 | Connector, Pin, Sgl, Ferrule, 12 GA | a/r a/r |
| 29 | 1916626 | Connector, Pin, Sgl, Ferrule, 18 GA | a/r a/r |
| 30 | 3557988 ¹ | Switch, Door, Detacher, SS | 6 4 |

Note:

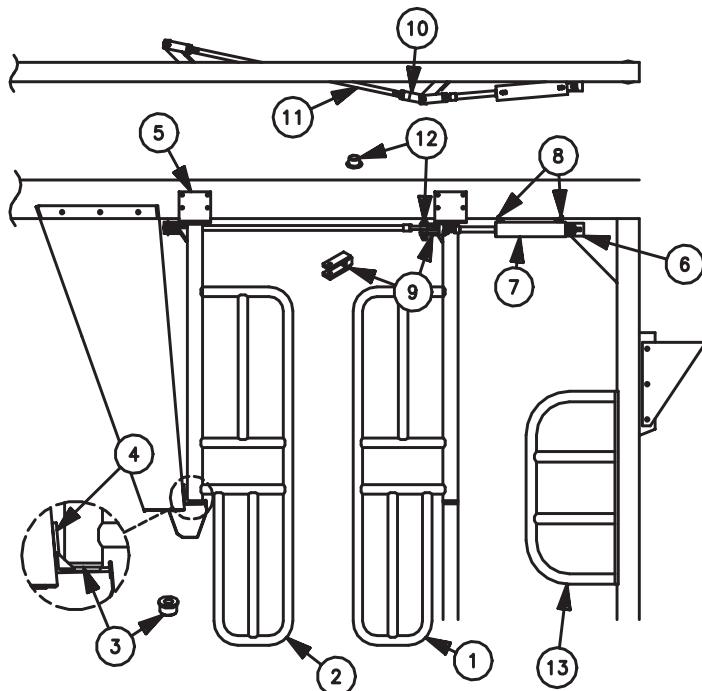
- SS Switch (item 30), replaces items 3 thru 6 on newer assemblies and can only be used with PWB & Bracket assembly 3657708 (item 13).



FRONT VIEW



ITEMS 25 THRU 29
LOOK SIMILAR TO THIS

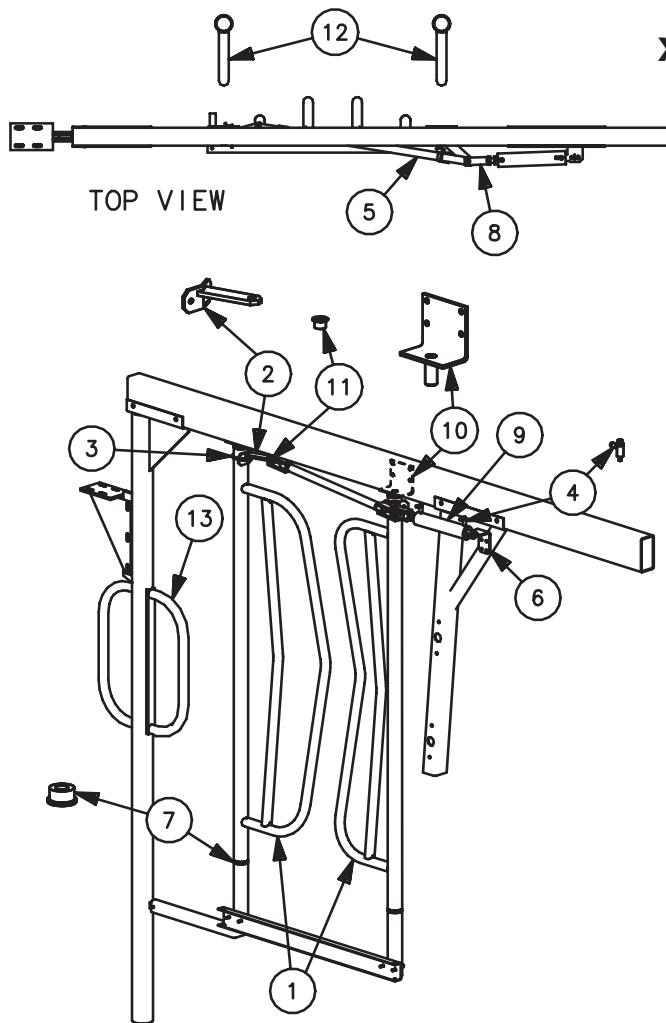


Parallel Stall Entrance Gate (Older Style)

| ITEM | PART NO. | DESCRIPTION | NO. REQ. PER PARLOR SIDE |
|-------------------------------------|----------------------|--------------------------------------|-----------------------------------|
| <i>⊗=OBsolete n/s=NOT SHOWN</i> | | | |
| | | Entrance Gate, Parallel Stall | - |
| 1 | 8515516 | Gate Assy, Entr, RH Out, Prl Stall | 1 |
| | 8515519 | Gate Assy, Entr, LH Out, Prl Stall | 1 |
| 2 | 8515517 | Gate Assy, Entr, RH In, Prl Stall | 1 |
| | 8515518 | Gate Assy, Entr, LH In, Prl Stall | 1 |
| 3 | 8506959 | Bushing, Flanged, 1.06 x 2.06 | 4 |
| 4 | 8515489 | Hinge Assy, Entr, Bot, Prl Stall | 1 |
| 5 | 8571078 | Hinge Assy, Entr, Top | 2 |
| 6 | 8515486 | Mount Assy, Cyl, Entr, Prl Stall | 1 |
| 7 | 8553518 | Cylinder, Air, 2.00 x 8.00 | 1 |
| 8 | 8507135 | Valve, Control, Flow, 1/4NPT x 5/32 | 2 |
| 9 | 8552446 | Clevis Assy, Rod | 2 |
| 10 | 8552610 ¹ | Eye Assy, Cylinder | 1 |
| 11 | 8515533 | Rod, Conn, Entr Gate, Prl Stall | 1 |
| 12 | 8590363 | Bearing, Flanged, .63 OD x .50 ID | 4 |
| 13 | 3554010 | Extension Assy, Stall, OSF | 1 |

Note

1. See page F-74 for cylinder repair kits.



Entrance Gate Xpressway Parallel & Grand Prix Stalls

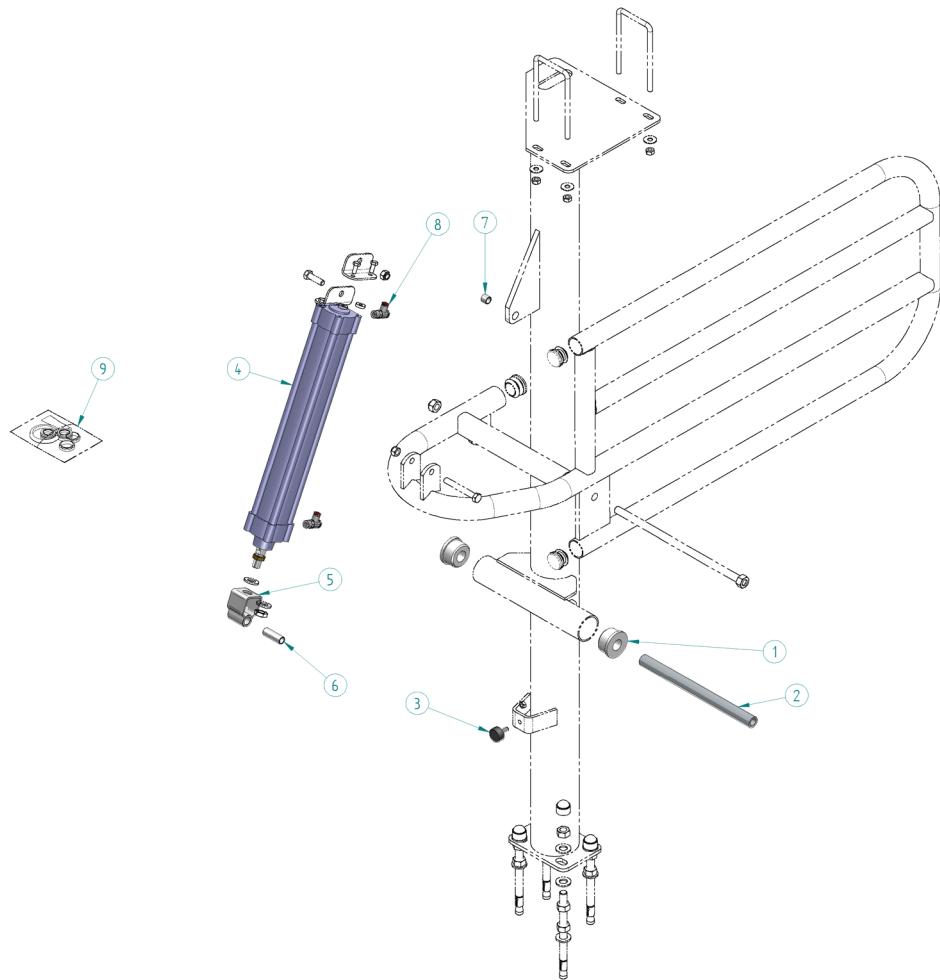
| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|--------------|----------------------|---------------------------------------|---------------------------|
| <i>-----</i> | | | |
| | | Entrance Gate, Parallel Stall | - |
| 1 | 8501807 | Gate Assy, Entrance, EP | 2 |
| 2 | 8501810 | Lever Assy, Entr Gate, EP | 1 |
| 3 | 8510672 | U-Bolt, ZP, 3/8-16 x 2.5 ID, F-Thread | 2 |
| 4 | 8507135 | Valve, Control, Flow, 1/4NPT x 5/32 | 2 |
| 5 | 8501795 | Rod Assy, Connect, Entr Gate | 1 |
| 6 | 8501792 | Bracket, Entr Gate, Fixed End EP | 1 |
| 7 | 8506959 | Bushing, Flanged, 1.06 x 2.06 | 4 |
| 8 | 8552446 | Clevis Assy, Rod | 1 |
| 9 | 8553518 ¹ | Cylinder, Air, 2.00 x 8.00 | 2 |
| 10 | 8571078 | Hinge Assy, Entr, Top | 2 |
| 11 | 8590363 | Bearing, Flanged, .63 OD x .50 ID | 2 |
| 12 | 8501903 | Loop, Entr, Divider | 2 |
| 13 | 8590405 ² | Loop Assy, Reel End Sprt, Exit | 1 |
| | 3554010 ² | Extension Assy, Stall, OSF | 1 |

Note

1. See page F-74 for cylinder repair kits.

2. 8590405 used on Grand Prix stalls. 3554010 used on Xpressway Parallel stalls.

Knife Gate Xpressway Gate Assy

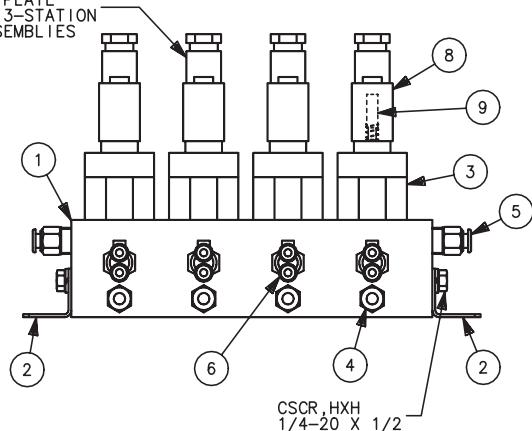


| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|----------------------------------|-----------------------------------|
| - | ----- | | KNIFE GATE ASSY,XPRESSWAY | - |
| 1 | ----- | | Bearing "pdm" | 2 |
| 2 | ----- | | Brace 25 x 4 x 324 Long | 1 |
| 3 | ----- | | Rubber Stop | 1 |
| 4 | 8582163 | | CYLINDER,D63x400,PRE-MOUNTED | 1 |
| 5 | 8580195 | | Clevis | 1 |
| 6 | 8580191 | | Bushing 49mm | 1 |
| 7 | 8582152 | | Bushing 172 x 2 x 15 Long | 1 |
| 8 | ----- | | Air Regulator | 1 |
| 9 | 8582164 | | Kit, Cylinder Seals | 1 |

Detacher Manifold Assemblies

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 45 |
| EFFECTIVE: 1/26/07 | |

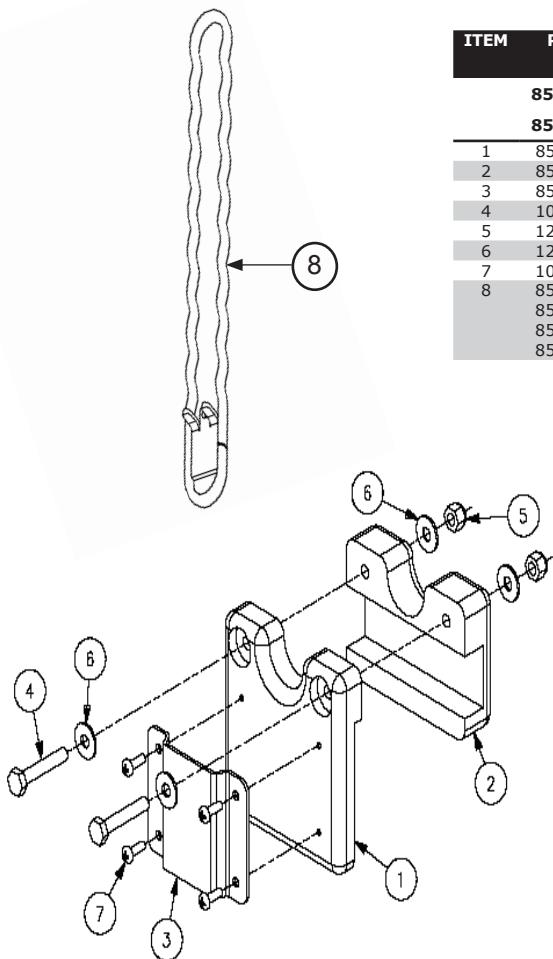
THIS VALVE REPLACED
BY BLANKING PLATE
(ITEM 7) ON 3-STATION
MANIFOLD ASSEMBLIES



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|-----------------------------|---|-----------------------------------|
| | 8515561 | ⊗ | Manifold Assy, Detr, 3 Station | 561 |
| | 8515562 | ⊗ | Manifold Assy, Detr, 4 Station | 562 |
| 1 | 8517251 | ⊗ | Manifold Assy, Air, Sort/Weigh | 1 1 |
| 2 | 8517250 | ⊗ | Bracket, Mtg, Manifold | 2 2 |
| 3 | 8515589 | | Valve, 4-Way, Sol, 24VDC (Includes item 8) | 3 4 |
| 4 | 8507013 | | Conn, Push, 5/32 x 1/4NPT | 3 4 |
| 5 | 8507100 | | Conn, Push, 1/4 x 1/4NPT | 2 2 |
| 6 | 8507231 | | Conn, Push, Br, Y, 5/32 x 1/4NPT | 3 4 |
| 7 | 8515590 | ⊗ n/s | Plate, Blanking, Manifold | 1 - |
| 8 | 8510231 | ⊗ | Solenoid, 24VDC, 4-way Valve (Includes item 9) | 3 4 |
| 9 | 8511192 | | Core, Solenoid Valve, 24 VDC | 3 4 |

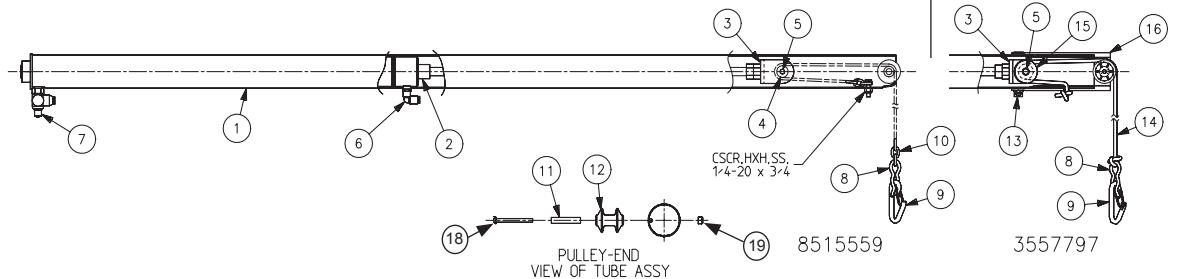
Hose Mount/Support Kits Assemblies, 5/8 & 3/4

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|-----------------------------|--|-----------------------------------|
| | 8510956 | | Kit, Mounts/Support Assy, Hose 5/8" | 0956 |
| | 8510257 | | Kit, Mount/Support Assy, Hose 3/4" | 0257 |
| 1 | 8510258 | ⊗ | Bracket, Inner, Hose, Support | 1 1 |
| 2 | 8510259 | ⊗ | Bracket, Outer, Hose, Support | 1 1 |
| 3 | 8510260 | | Bracket, Hose Support | 1 1 |
| 4 | 1091013 | | CSCR, HXH, SS, 1/4-20 x 1-1/2 | 2 2 |
| 5 | 1222352 | | Nut, Lock, Elas, SS, 1/4-20 | 2 2 |
| 6 | 1208386 | | Washer, Plain | 4 4 |
| 7 | 1027275 | | TFSCR, PNH, SS, 10-16 x 1/2 | 4 4 |
| 8 | 8510673 | ⊗ | Support Assy, Hose, 5/8 | 1 - |
| | 8510679 | ⊗ | Support Assy, Hose, 3/4 | - 1 |
| | 8583065 | | Loop Only, 5/8 | 1 - |
| | 8583129 | | Loop Only, 3/4 | - 1 |



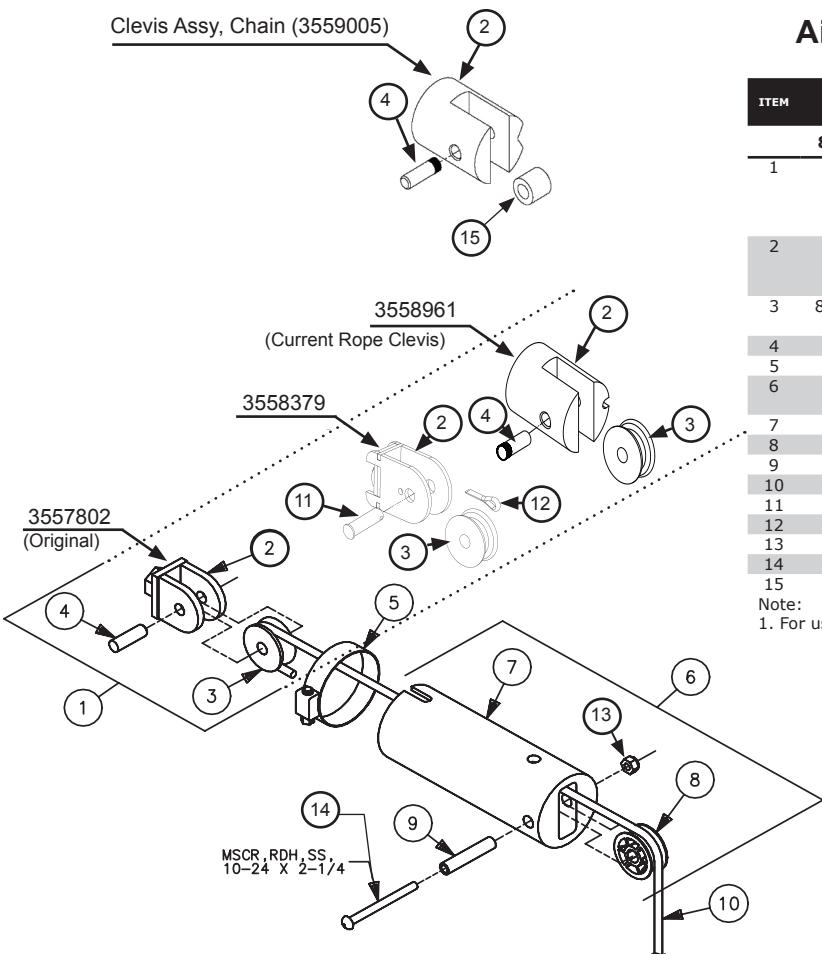
Horizontal Air Cylinder

See 8511676 below



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | |
|------|----------|--|-----------------------------------|---|------------|---|-------|
| | 8515559 | Cylinder Assy, Detr, Air, Horiz | 559 | | | | |
| | 3557797 | Cylinder Assy, Detr, Air, Horiz, Rope | 797 | | | | |
| 1 | 8515853 | Tube Assy, Air Cylinder, 47.00 | 1 | - | | | |
| | 3557798 | Tube Assy, Air Cylinder, 44.25 | - | 1 | | | |
| 2 | 3552132 | Cylinder, Air, 1.5 x 18.00 | 1 | 1 | | | |
| 3 | 3552117 | Bracket Assy, Pulley | 1 | - | | | |
| | 3558379 | Clevis Assy | 1 | - | | | |
| | 3559005 | Clevis Assy, Horizontal Cylinder, Chain | 1 | - | | | |
| | 3557802 | Bracket Assy, Pulley | - | 1 | | | |
| | 3558960 | Clevis Assy, Horizontal Cylinder, Rope | - | 1 | | | |
| 4 | 8516143 | Bearing, Slv, 11/32 x 5/8 x .600 Lg | 1 | - | | | |
| | 3551872 | Pully, Single-Groove, 1.25 | - | 1 | | | |
| 5 | 3552114 | Pin, Drive, Model 2100 (Clevis 3552117, 3557802, 3559005 & 3558960) | 1 | 1 | | | |
| | 8504058 | Pin, Clevis, SS, 5/16 x 1 (Use with clevis 3558379) | 1 | - | | | |
| | | | | | 6 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8NPT | 1 1 |
| | | | | | 7 3554444 | Valve, Control, Flow, 1/8NPT | 1 1 |
| | | | | | 8 35516326 | Link, Break-Away, .156 | 1 1 |
| | | | | | 9 3556991 | Snap, Spring, SS, Looped | 1 - |
| | | | | | 10 8501156 | Chain, Twist-Link, SS, 66", .120 | 1 - |
| | | | | | 11 8515634 | Tube, SS, .312 x .049 x 1.58 | 1 1 |
| | | | | | 12 8515598 | Pully, Detr, Air | 1 - |
| | | | | | 13 3551872 | Pully, Sgl-Grv, 1.25 | - 1 |
| | | | | | 14 8510201 | Clamp, Hose, SS, #28, 1.31-2.25 | - 1 |
| | | | | | 15 8580139 | Rope, AMSteel, 3/16 | - a/r |
| | | | | | 16 8516143 | Bearing, Slv, 11/32 x 5/8 x .600 Lg | 1 - |
| | | | | | 17 3551872 | Pully, Single-Groove, 1.25 | - 1 |
| | | | | | 18 3557801 | Plug, Detacher, Air | - 1 |
| | | | | | 19 1210410 | Pin, Cotter, SS, 1/8 x 1/2 (Use with clevis 3558379) | - - |
| | | | | | 18 1002210 | Mscr, Rhd, SS, 10 - 24 x 2.25 | - 1 |
| | | | | | 19 1222379 | Nut, Lock, Elas, SS, 10 - 24 | - 1 |

Clevis Assy, Chain (3559005)



Air Cylinder Conversion Kit Chain to Rope

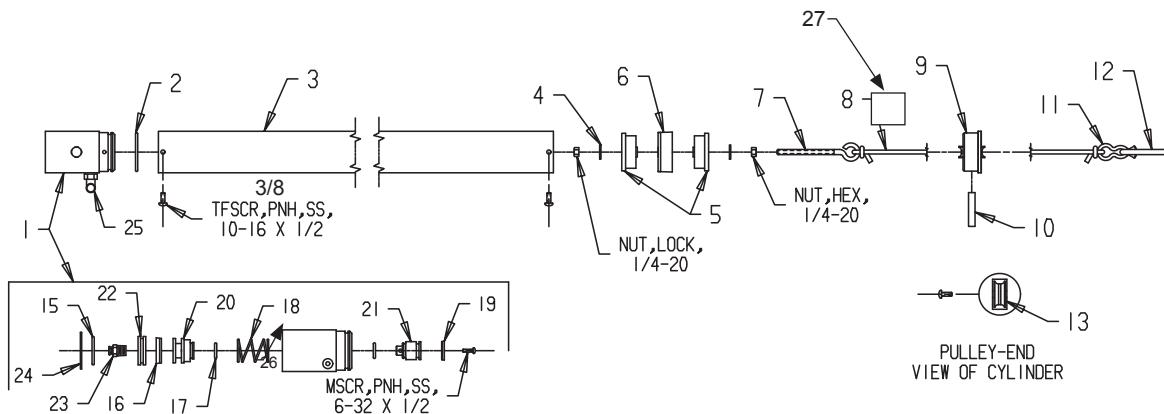
| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|---|---------------------------|
| | 8511676 | Kit, Conv, Air Cyl, Chain-Rope | 1676 |
| 1 | ----- | ⊗ Clevis Assy, w/Pulley, Air Cyl | - |
| | 8511686 | ⊗ Clevis Assy, W/Pully, Air Cyl | - |
| | 3558960 | Clevis Assy, Cylinder, Air | 1 |
| | | Includes pn 3558961, and items 3 & 4. | |
| 2 | 3557802 | ⊗ Bracket Assy, Pulley | - |
| | 3558379 | ⊗ Clevis Assy | - |
| | 3558961 | Clevis, Pulley, 1.600 | 1 |
| 3 | 8503668 | 1 Pulley, Cylinder 1.02 x 0.511 | 1 |
| | 3551872 | Pully, Single-Groove, 1.25 x 0.546 | 1 |
| 4 | 3552114 | Pin, Drive, Model 2100 | 1 |
| 5 | 8510201 | Clamp, Hose, SS, #28, 1.31-2.25 | 1 |
| 6 | 8511687 | Plug Assy, w/Pulley, Rope Detr (Includes items 7, 8, 9, 13 & 14) | 1 |
| 7 | 3557801 | Plug, Detacher, Air | 1 |
| 8 | 3551872 | Pully, Sgl-Grv, 1.25 | 1 |
| 9 | 8515634 | Tube, SS, .312 x .049 x 1.584 | 1 |
| 10 | 8580139 | ⊗ Rope, AMSteel, 3/16 | a/r |
| 11 | 8504058 | Pin, Clevis, SS, 5/16 x 1 | 1 |
| 12 | 1210410 | Pin, Cotter, SS, 1/8 x 1/2 | 1 |
| 13 | 1222379 | Nut, Lock, Elas, SS, 10-24 | 1 |
| 14 | 1002210 | Mscr, Rhd, SS, 10-24 x 2.25 | 1 |
| 15 | 8516143 | Bearing, Slv, 11/32 x 5/8 x .575LG | 1 |

Note:

1. For use on assemblies built prior to 2007.

Horizontal Vacuum Cylinder

| | |
|---------------------|-------------------|
| SECTION F | PAGE 47 |
| EFFECTIVE: 4/13/23 | |

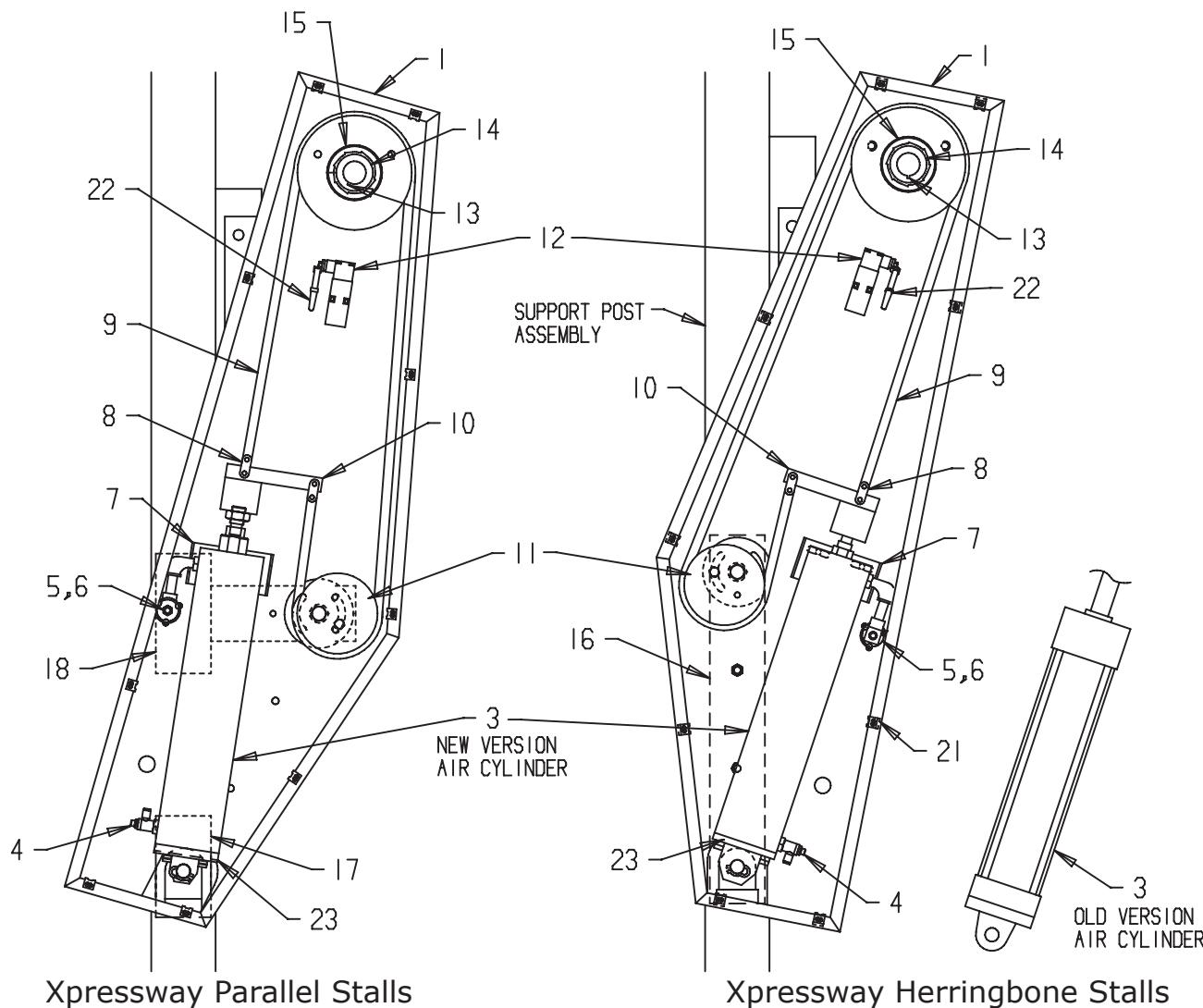


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED |
|----------------|------------------------|--|-------------------|
| | | | (a/r=AS REQUIRED) |
| 8515560 | | Cylinder Assy, Detr, Vac, Horiz | - |
| 1 | 8515594 | Valve Assy, Vac/Air (Includes items 14 thru 26) | 1 |
| 2 | 3553693 | O-ring, 1.674 x .103, Buna-N | 1 |
| 3 | 3553705 | Cylinder, Vacuum, 2 In | 1 |
| 4 | 3553726 | Washer, Sealing | 2 |
| 5 | 3553708 | Piston, Section, Vac Cyl | 2 |
| 6 | 3553692 | Cup, Piston | 1 |
| 7 | 3557216 | ⊗ n/s Cup, Piston, Special | 1 |
| 8 | 3553709 | Eyebolt, 1/4-20 x 4.00 x .50 x 2.75 | 1 |
| 9 | 8560742 | ⊗ Cord, Braided Nylon, 3/16 Dia | a/r |
| 10 | 8516887 | Plug, Bottom, Vac Cyl | 1 |
| 11 | 8516888 | Pin, SS, .312 x 1.625 | 1 |
| 12 | 8516326 | Link, Break-Away | 1 |
| 13 | 3556991 | Snap, Spring, SS, Looped | 1 |
| 14 | 3551872 | Pulley, Sgl-Grv, 1.25 | 1 |
| 14 | 8501045 | n/s Kit, Repair, Valve Assy (Includes items 15 thru 19) | 1 |
| 15 | 3554281 ² | O-ring, 1.046 X .139, Rubber | 1 |
| | 8591547 ^{1,2} | O-ring #123 (units before Jan. 2014) | 1 |
| 16 | 3554211 | U-cup, Packing | 1 |
| 17 | 4014998 | O-ring, .549 x .103 | 2 |
| 18 | 3554279 | Spring, Comp, 1.30-.072 1.50 | 1 |
| 19 | 8515635 | U-cup, Packing, 5/8 ID x 7/8 OD | 1 |
| 20 | 8515592 | Piston, Top, Vac/Air | 1 |
| 21 | 8515593 | Piston, Bot, Vac/Air | 1 |
| 22 | 3554278 | Plug, Pinch-off Valve | 1 |
| 23 | 8507013 | Conn, Push, 5/32 OD x 1/4 NPT | 1 |
| 24 | 3554313 | Ring, Retainer, SS, Int, 1.37 | 1 |
| 25 | 3553790 | Elbow, 90, Nyl, 1/4 NPT x 3/8 Hose | 1 |
| 26 | 1175634 | SSCR, Skt, 1/4-28 x 2 ZP | 1 |
| 27 | 8511653 | Pipe, Sch 40, PVC, 1.85 OD x 2.75 | 1 |

Note:

- Both 8591547 and 3554281 O-rings are included in kit. Verify correct O-ring before install.
- Mark above 1/4 NPT hole on 8515594 indicates current version.

Reel Drive System Xpressway Stalls



| ITEM | PART NO. | DESCRIPTION | NO. REQ. PER PARLOR SIDE |
|---|----------------------|---|--------------------------------|
| Drive System, Xway Hbone Stalls | | | |
| Drive System, Xway Prl Stalls | | | |
| 1 | 8570738 | Guard Assy, Drive, LH (shown) | 1 - |
| | 8517288 ¹ | Guard Assy, Drive, LH, SS | 1 1 |
| | 8570739 | Guard Assy, Drive, RH | 1 - |
| | 8517292 ¹ | Guard Assy, Drive, RH, SS | 1 1 |
| 2 | 8570740 | Cover Assy, Drive, LH n/s | 1 1 |
| | 8517296 ¹ | Cover Assy, Drive, LH, SS | 1 - |
| | 8570741 | Cover Assy, Drive, RH | 1 1 |
| | 8517298 ¹ | Cover Assy, Drive, RH, SS | 1 - |
| 3 | 8507080 ⁴ | Cylinder, Air, 3.25 x 12.00 (Includes items 20 & 23) | 1 1 |
| 4 | 8507135 | Valve, Control, Flow, 1/4 NPT x 5/32 | 1 1 |
| 5 | 8570630 | Valve, Exhaust | 1 1 |
| 6 | 8507013 | Conn, Push, 5/32 x 1/4 NPT | 1 1 |
| 7 | 8570787 | Guide, Drive Cylinder | 1 1 |
| | 8517377 ¹ | Guide, Drive Cylinder, SS | 1 - |
| 8 | 8570745 | Link Assy, Repair #60 | 2 2 |
| 9 | 8570746 | Chain, Roller, #60, 6.0 Ft | 1 1 |
| 10 | 8570744 | Clevis Assy, #60 Chain, SS | 1 1 |
| 11 | 8570734 | Puller, Idler, Acetal | 1 1 |
| | 8516119 | Puller, Idler, PVC | 1 1 |
| 12 8553477 Switch, Limit (Includes item 22) 1 1 | | | |
| 13 8513685 Key, ZP, 1/4 Sq x 2 In 1 1 | | | |
| 14 8570725 Collar, Shaft, 1-1/4 1 1 | | | |
| 15 8570724 Clutch Assy, w/Sprocket 1 1 | | | |
| 16 8570736 Support Assy, Drive 1 - | | | |
| 17 8517282 ¹ Support Assy, Drive, SS 1 - | | | |
| 18 8515534 Support Assy, Cyl, Drive, Prl Stall 1 1 | | | |
| 19 8518846 ² n/s Kit, Repair, Air Cylinder, 3.25 a/r - | | | |
| 20 8515465 ³ n/s Piston, 3.25 Bore, Air Cyl 1 1 | | | |
| 21 3551467 Nut, Speed, #8, SS 9 9 | | | |
| 22 8500897 Wand, Limit Switch 1 1 | | | |
| 23 8516246 ³ Clevis, Cylinder, Air, 3.25 Bore 1 1 | | | |

Note:

1. For use with stainless-steel stalls.

2. Use ONLY with older version Air Cylinders.

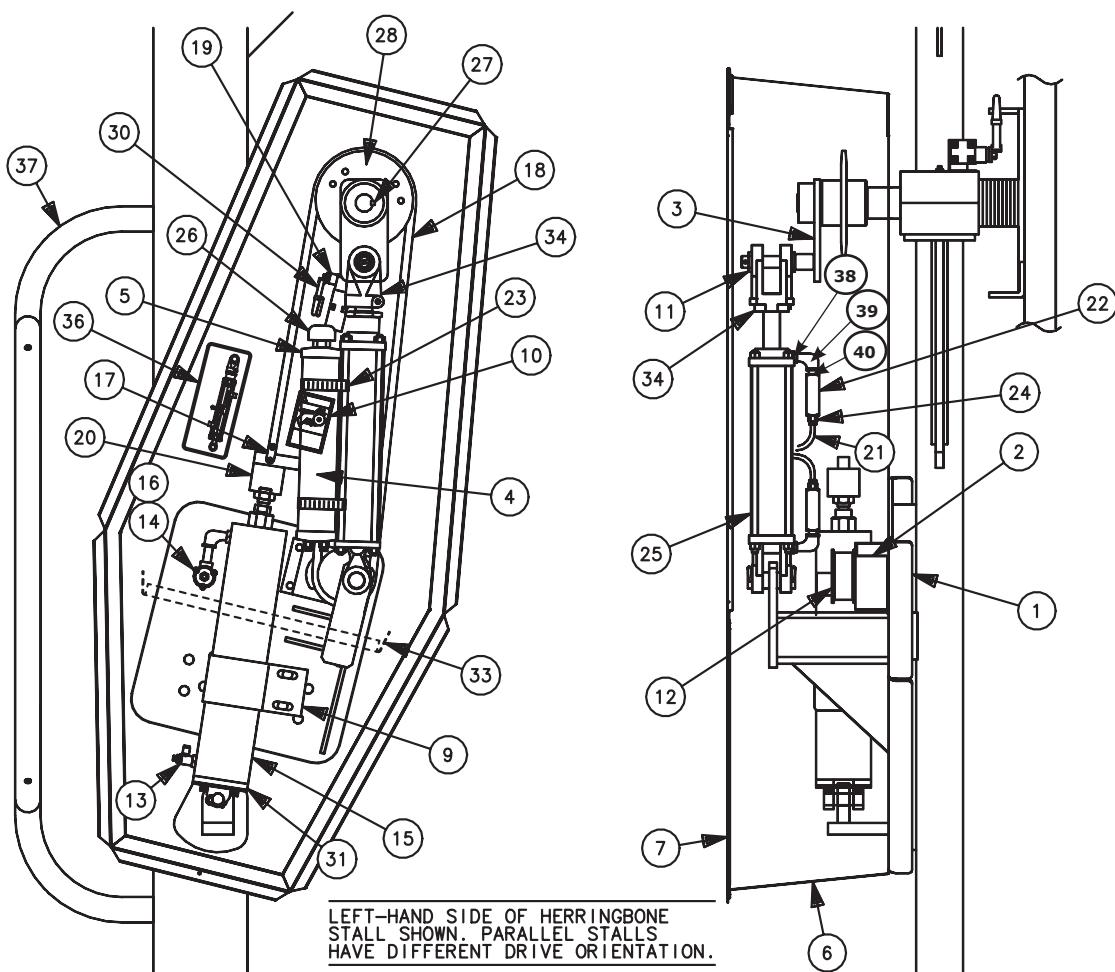
3. Use ONLY with new version Air Cylinders.

4. See page F-74 for cylinder repair kits.

Reel Drive System

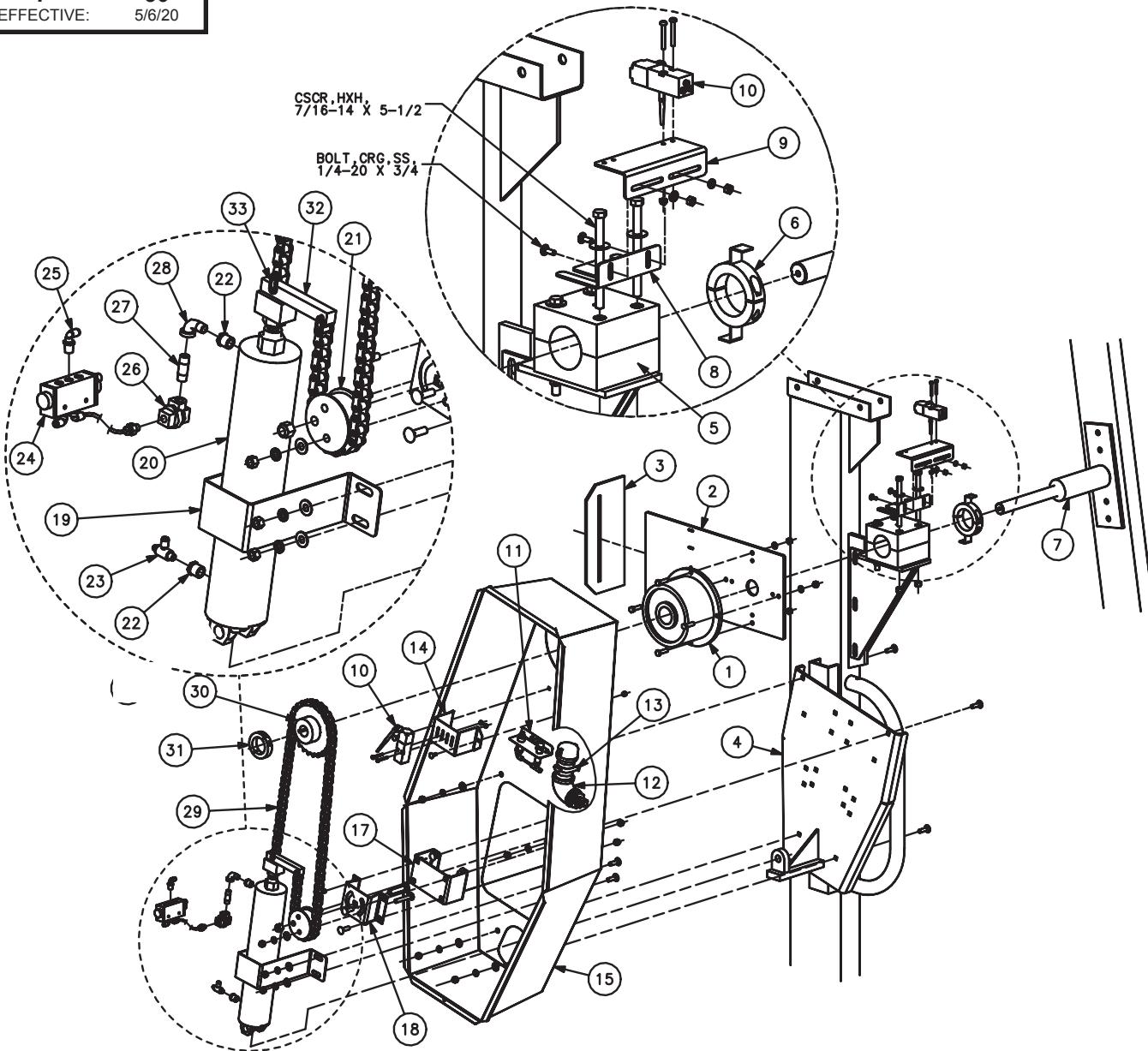
Xpressway Parallel & Herringbone Stalls

| | |
|--------------------|------|
| SECTION | PAGE |
| F | 49 |
| EFFECTIVE: 11/5/19 | |



| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|---|------------------------|-----------------------------|--|----------------------------|
| ----- | | | | |
| | | | Drive System, Xpressway Stall | - |
| 1 | 8516047 ¹ | ⊗ | Sprt Assy, Drive, LPRL, RHB, Galv | 1 |
| | 8516063 ¹ | ⊗ | Sprt Assy, Drive, LPRL, RHB, SS | or 1 |
| | 8505133 ^{2,5} | | Sprt Assy, Drive, LPRL, RHB, Heavy | or 1 |
| 2 | 8516048 ² | ⊗ | Sprt Assy, Drive, RPRL, LHB, Galv | 1 |
| | 8516064 ² | ⊗ | Sprt Assy, Drive, RPRL, LHB, SS | or 1 |
| | 8505134 ^{2,5} | | Sprt Assy, Drive, RPRL, LHB, Heavy | or 1 |
| 3 | 8516052 | | Support, Pulley, Formed, SS | 1 |
| 4 | 8516058 | | Shaft Assy, Reel Crank, Hyd | 1 |
| | 8504180 ⁴ | | Shaft Assy, 1", Reel Crank, Hyd | 1 |
| 5 | 8516056 | | Reservoir Assy, Oil, 2.00, PVC | 1 |
| 6 | 8516054 | | Cap, PVC, 2.00, w/ 1/4 NPT | 1 |
| 7 | 8516069 ⁶ | ⊗ | Guard Assy, Drive, Xpressway | 1 |
| | 8505136 ⁵ | | Guard Assy, Drive, Xway, Heavy (Both include item 10) | or 1 |
| 8 | 8516060 | ⊗ | Cover Assy, Drive, Xpressway | 1 |
| | 8505128 ⁵ | | Cover Assy, Drive, Xway, Heavy (Both include item 8) | or 1 |
| 9 | 3552295 | n/s | Label, Caution | 1 |
| 10 | 8516065 | | Guide, Drive Cyl | 1 |
| 11 | 8518046 | | Label, Warning, Belt Guard | 1 |
| 12 | 8516070 | | Bearing, Flanged, 1.00 OD x .75 ID | 2 |
| | 8504181 ⁴ | | Bearing, Flanged, 1.25 OD x 1.00 ID | 2 |
| 13 | 8516119 | | Pulley, Idler, PVC | 1 |
| 14 | 8507135 | | Valve, Control, Flow, 1/4 NPT x 5/32 | 1 |
| 15 | 85070630 | | Valve, Exhaust | 1 |
| 16 | 8507080 ³ | | Cylinder, Air, 3.25 x 12.00 (Includes items 29 & 31) | 1 |
| 17 | 8507461 | | Muffler, Filter, 1/4 NPT | 1 |
| 18 | 8507045 | | Link Assy, Repair #60 | 2 |
| 19 | 8507046 | | Chain, Roller, #60, 6.0 Ft | 1 |
| 20 | 8553477 | | Switch, Limit (Includes item 30) | 1 |
| 21 | 8507044 | | Clevis Assy, #60 Chain, SS | 1 |
| 22 | 8519183 ⁷ | ⊗ | Tube, Nylon, .25 x .035 | a/r |
| | 8511471 | | Tube, Poly, .385 x .062 Wall | a/r |
| | 8518673 ⁴ | ⊗ | Valve, Control, Flow, Hyd, 1/4 NPT | 2 |
| | 8505237 ⁴ | | Valve, Press Comp, Flow Cntl | 2 |
| Note: | | | | |
| 1.Used on left side of parallel stalls, right side of herringbone stalls. | | | | |
| 2.Used on right side of parallel stalls, left side of herringbone stalls. | | | | |
| 3.See page F-74 for cylinder repair kits. | | | | |
| 4.These parts are used on Xpressway Xtreme installations and are all interconnected by 1" shafts. To replace any older version shaft assy, bearing or cylinder with a newer version part, all three items (3, 11 & 34) must be updated. (Note: Old version shaft assy, bearing & cylinder are interconnected by 3/4" shafts). | | | | |
| 5.Used on Xpressway Xtreme installations with S.S. drive guard assy's & heavy duty support assy's. | | | | |
| 6.Used only with plastic drive guard assy's. | | | | |
| 7.Oil for brake. | | | | |

Air Brake, Drive End Detail

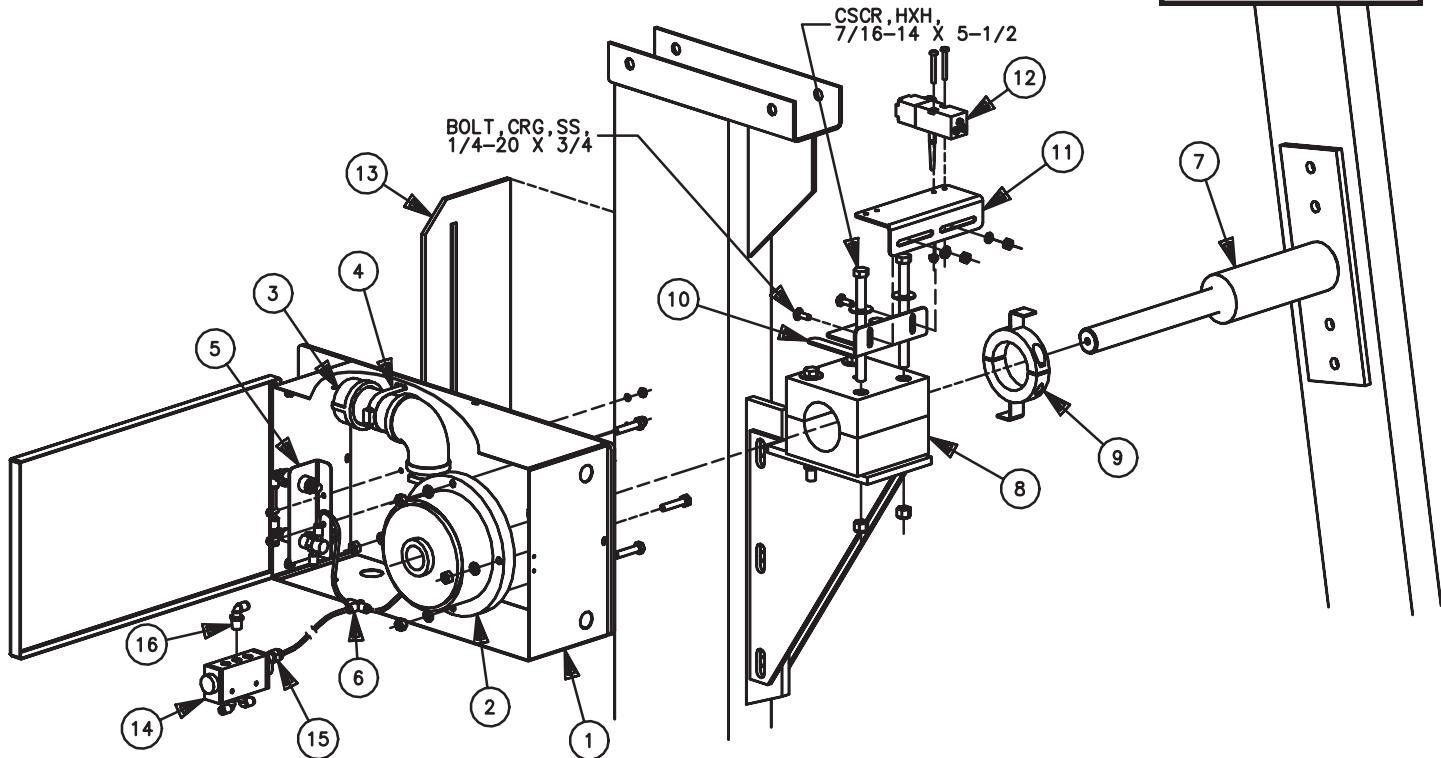


| ITEM | PART NO. | ⊖=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | ITEM | PART NO. | ⊖=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--|-----------------------------------|------|----------------------|-----------------------------|--------------------------------------|-----------------------------------|
| - | --- | | Drive End Air Brake Detail | - | - | --- | | Drive End Air Brake Detail | - |
| 1 | 8511649 | ⊖ | Brake, Disk, 6700, 1-1/4" Bore | 1 | 17 | 8511677 | | Bracket, Support, Pulley | 1 |
| | 8513242 | | Brake, Disk, 6", 1-1/4" Bore, End. | 1 | 18 | 8516052 | | Support, Pulley, Formed, SS | 1 |
| 2 | 8511652 | ⊖ | Brake, Disk, 5700, 1-1/4" Bore | or 1 | 19 | 8512148 | | Guide, Drive, Cyl, Air Brake | 1 |
| | 8513243 | | Brake, Disk, 5", 1-1/4" Bore, End. | or 1 | 20 | 8507080 ¹ | | Cylinder, Air, 3.25 x 12.00 | 1 |
| 3 | 8511678 | | Plate, Stop, Reel Brake | 1 | 21 | 8516119 | | Pulley, Idler, PVC | 1 |
| 4 | 8511679 | | Plate, Bracket, Reel Brake | 1 | 22 | 1431117 | | Bushing, Hex, Brs, 3/8 x 1/4 | 2 |
| 5 | 8511680 | | Sprt Assy, Drive, RPrl, Lhb, Brake | 1 | 23 | 8507135 | | Valve, Control, Flow, 1/4 NPT x 5/32 | 1 |
| | 8511685 | | Sprt Assy, Drive, LPrl, Rhb, Brake | or 1 | 24 | 3556163 | | Valve, Air, 1/4, 5 Port/2 Pos | 1 |
| 6 | 8500952 | | Bearing, Reel, 2.5" Shaft | 1 | 25 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 3 |
| 7 | 8511672 | | Collar Assy, Reel Brake, 2-1/2" | 1 | 26 | 8570630 | | Valve, Exhaust | 1 |
| 8 | 8511681 | | Shaft, Reel, Hyd Brake | 1 | 27 | 1402000 | | Nipple, Galv, 1/4 x 1-1/2 Lg | 1 |
| 9 | 8511667 | | Bracket, Mtg, Outer Brake Switch | 1 | 28 | 1400200 | | Elbow, Street, 90 Deg, Galv, 1/4 | 1 |
| 10 | 8553477 | | Switch, Limi | 2 | 29 | 8570746 | | Chain, Roller, #60, 6.0 Ft | 1 |
| 11 | 8511669 | | Valve Assy, Reel Brake (Parts on page F-52) | 1 | 30 | 8570724 | | Clutch Assy, w/Sprocket | 1 |
| 12 | 8511670 | | Chamber Assy, Air Reel Brake | 1 | 31 | 8512150 | | Collar, Shaft, 1.25, Split | 1 |
| 13 | 8501422 | | Clamp, Hose, SS, #44, 1.38-3.25 | 1 | 32 | 8570744 | | Clevis Assy, #60 Chain, SS | 1 |
| 14 | 8512149 | | Bracket, Mtg, Limit Switch | 1 | 33 | 8570745 | | Link Assy, Repair #60 | 6 |
| 15 | 8512147 | | Guard, Drive, Air Brake | 1 | 34 | 8590304 | n/s | Valve, Air, Logic Or | 1 |
| 16 | 8505128 | n/s | Cover Assy, Drive, Xway, Heavy | 1 | 35 | 8518804 | n/s | Key, .25 SQ x 4.00 | a/r |

Note: 1. See page F-74 for cylinder repair kits.

Air Brake, Non-Drive End Detail

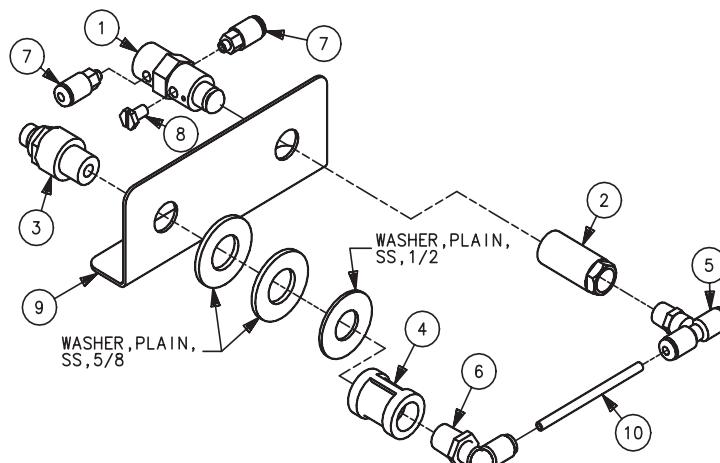
SECTION F PAGE 51
EFFECTIVE: 10/18/12



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | 2x4 to | 2x12 to | 2x20 to | 2x32 to | 2x36 to |
|--------|----------|-----------------------------|--|-----------------------------------|--------|---------|---------|---------|---------|
| | | | | | 2x10 | 2x18 | 2x30 | 2x35 | 2x50 |
| - | 8512488 | | Kit, Air Brake, Small, 2.5" Shaft | 2488 | | | 1 | | |
| - | 8512489 | | Kit, Air Brake, Large, 2" Shaft | 2489 | | | 1 | 1 | 1 |
| - | 8512490 | | Kit, Air Brake, Large, 2.5" Shaft | 2490 | | | 1 | 1 | 1 |
| - | 8512491 | | Kit, Air Break, Small, 2" Shaft | 2491 | 1 | | | 1 | 1 |
| - | 8512486 | | Kit, Large Brake | Drive End | | | 1 | 1 | |
| - | 8512487 | | Kit, Small Brake | Drive End | | | 1 | 1 | 1 |
| - | 8512611 | | Kit, Drive End, Brake | Drive End | | | | 2 | 2 |
| 1 | 8512050 | | Brake Assy, Air, Reel, Small | 2 | - | - | 2 | | |
| | 8512051 | | Brake Assy, Air, Reel, Large | - | 2 | 2 | - | | |
| | | | (Both include items 2 thru 6 & 19) | | | | | | |
| 2 | 8511649 | ⊗ | Brake, Disk, 6700, 1-1/4" Bore | - | 2 | 2 | - | | |
| | 8513242 | | Brake, Disk, 6", 1-1/4" Bore, Encl. | - | 2 | 2 | - | | |
| | 8511652 | ⊗ | Brake, Disk, 5700, 1-1/4" Bore | 2 | - | - | 2 | | |
| | 8513243 | | Brake, Disk, 5", 1-1/4" Bore, Encl. | 2 | - | - | 2 | | |
| 3 | 8511670 | | Chamber Assy, Air Reel Brake | 2 | 2 | 2 | 2 | | |
| 4 | 8501422 | | Clamp, Hose, SS, #44, 1.38-3.25 | 2 | 2 | 2 | 2 | | |
| 5 | 8511669 | | Valve Assy, Reel Brake | 2 | 2 | 2 | 2 | | |
| | | | (Parts on page F-52) | | | | | | |
| 6 | 8507090 | | Conn, Push, Union Tee, 5/32 | 2 | 2 | 2 | 2 | | |
| 7 | 8516120 | | Shaft, Reel, Drive, Xpressway (2") | - | 2 | - | 2 | | |
| | 8509801 | | Shaft Assy, Reel, Drive, XX, HD (2-1/2") | 2 | - | 2 | - | | |
| 8 | 8501901 | | Bearing Reel, 5 x 5 x 2 In. | - | a/r | - | a/r | | |
| Note 1 | 8500952 | | Bearing Reel, 2.5" Shaft | a/r | - | a/r | - | | |
| 9 | 8511671 | | Collar Assy, Reel Brake, 2" | - | 2 | - | 2 | | |
| | 8511672 | | Collar Assy, Reel Brake, 2-1/2" | 2 | - | 2 | - | | |
| 10 | 8511667 | | Bracket, Mtg, Outer Brake Switch | 2 | 2 | 2 | 2 | | |
| 11 | 8511668 | | Bracket, Outer Brake Switch | 2 | 2 | 2 | 2 | | |
| 12 | 8553477 | | Switch, Limit | 2 | 2 | 2 | 2 | | |
| 13 | 8511679 | | Plate, Bracket, Reel Brake | 2 | 2 | 2 | 2 | | |
| 14 | 3556163 | | Valve, Air 1/4, 5 Port/2 Pos | 2 | 2 | 2 | 2 | | |
| 15 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 2 | 2 | 2 | 2 | | |
| 16 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 6 | 6 | 6 | 6 | | |
| 17 | 8590304 | n/s | Valve, Air, Logic Or | 2 | 2 | 2 | 2 | | |
| 18 | 8518804 | n/s | Key, .25 SQ x 4.00 | 2 | 2 | 2 | 2 | | |
| 19 | 8507047 | ⊗ n/s | Screw, Knurled, Retainer | 2 | 2 | 2 | 2 | | |
| | 1027301 | | TFSCR, PNH, SS, 1/4-14 x 1 AB | 2 | 2 | 2 | 2 | | |
| | | | (Replaces 8507047) | | | | | | |

Note 1. Reel Bearing not included in Air Brake Kits, 8512488, 8512489, 8512490 & 8512491

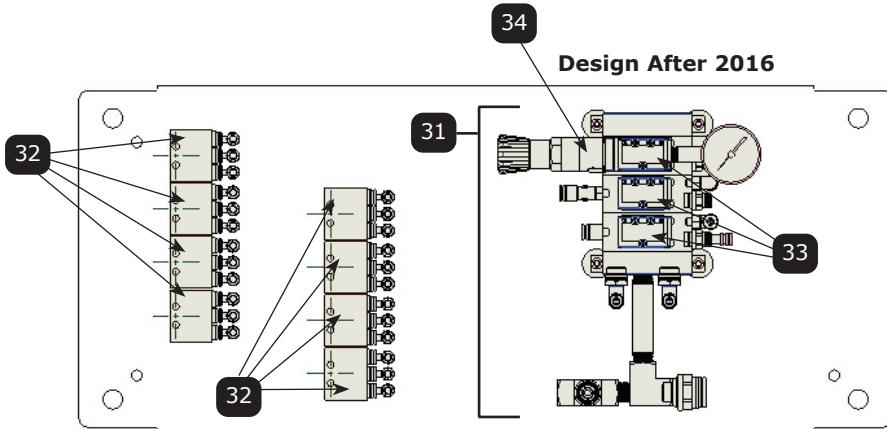
Air Brake, Reel Valve Assembly



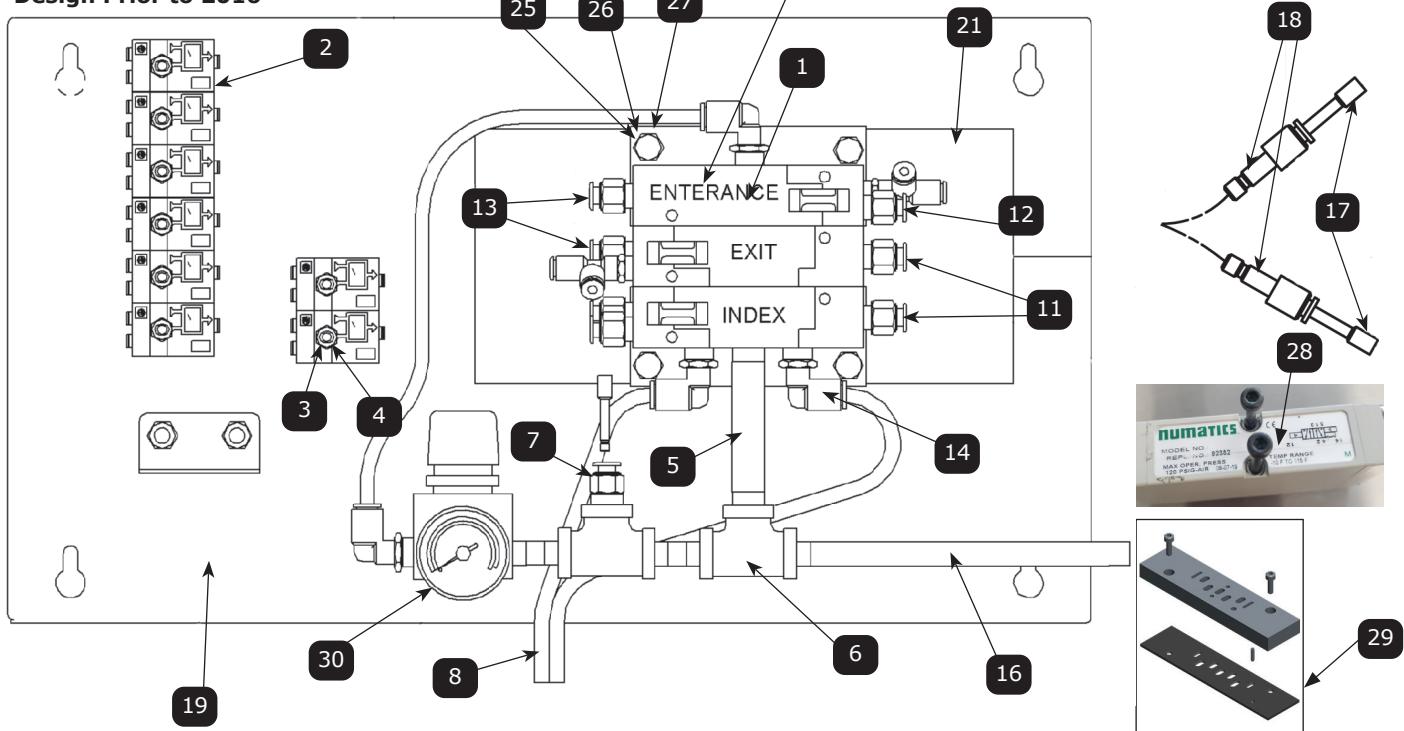
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|---------------------------------------|-----------------------------------|
| - | 8511669 | Valve Assy, Reel Brake | - |
| 1 | 3554333 | Valve, 4-Way, Pushbutton | 1 |
| 2 | 3554332 | Operation, Air Pilot | 1 |
| 3 | 8501198 | Valve, Control, Flow, 1/4 NPT | 1 |
| 4 | 1400600 | Coupling, Galv 1/4 | 1 |
| 5 | 3554109 | Conn, Swl, Tee, 5/32 x 5/32 x 1/8 NPT | 1 |
| 6 | 8507015 | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 1 |
| 7 | 3554086 | Conn, Push, 5/32 OD x 10-32 | 1 |
| 8 | 8551089 | Screw, Plug | 1 |
| 9 | 8511675 | Bracket, Valve Assy, Reel Brake | 1 |
| 10 | 3554439 | Hose, Nyl Black, 5/32 OD x 100Ft | a/r |

Control Assembly Indexing Rail

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 53 |
| EFFECTIVE: 9/18/19 | |



Design Prior to 2016



| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------|----------------|---|-----------------------------------|
| | 8590403 | Control Assy, Indexing Rail | 0403 |
| 1 | 8590440 | Manifold, 4-Way, 3 Station (Includes items 11 thru 14) | 1 |
| 2 | 8590304 | Valve, Air, Logic, OR | 8 |
| 3 | 1096185 | MSCR, PNH, SS, 8-32 x 1 | 8 |
| 4 | 1204378 | Nut, Hex, MSCR, SS, 8-32 | 8 |
| 5 | 1402300 | ⊗ Nipple, Galv, 1/4 x 3 Lg | 1 |
| 6 | 1400400 | Tee, Galv, 1/4 | 1 |
| 7 | 8507013 | Conn, Push, 5/32 x 1/4 NPT | 1 |
| 8 | 8519183 | ⊗ Tube, Nylon, .25 x .035 | a/r |
| 9 | 3554174 | n/s Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r |
| 10 | 3554439 | n/s Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r |
| 11 | 3554087 | Conn, Push, 1/4 x 1/8 NPT | 2 |
| 12 | 3554159 | Conn, Push, 5/32 OD x 1/8 NPT | 8 |
| 13 | 3554331 | Conn, Push, Tee, 5/32 x 1/8 NPT | 2 |
| 14 | 8507022 | Conn, Swl, Elb, 1/4 OD x 1/4 NPT | 2 |
| 15 | 8507047 | ⊗ n/s Screw, Knurled, Retainer | 1 |
| | 1027301 | n/s TFSCR, PNH, 1/4-14 X 1 AB (Replaces 8507047) | 1 |
| 16 | 1402900 | Nipple, Galv, 1/4 x 6 Lg | 1 |
| 17 | 8507089 | Conn, Push, Plug, 5/32 | 3 |

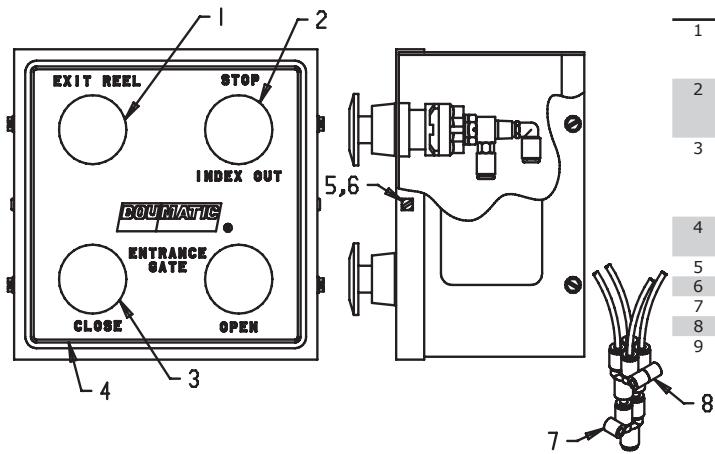
| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------|----------|-------------------------------------|-----------------------------------|
| 18 | 8507259 | Conn, Push, Rdcr, 5/32 x 1/4 Tube | 2 |
| 19 | 8590445 | ⊗ Label, Diverting Gate Conn | 1 |
| 20 | 8590443 | n/s Label, Pushbutton Panel | 1 |
| 21 | 8590441 | Label, Cyl Conn, Fstln II | 1 |
| 22 | 8507048 | n/s Label, Air Logic Diagram, 4-Sta | 1 |
| 23 | 8507120 | n/s Label, Caution, Fastlane Stalls | 1 |
| 24 | 8506167 | n/s Label, BouMatic, 3.00 x 10.00 | 1 |
| 25 | 1174006 | CSCR, HXH, 1/4-20 x 1/4 ZP | 4 |
| 26 | 1270352 | Nut, Insert, 1/4-20 | 4 |
| 27 | 1209386 | Wshr, Lock, Hld Spr, SS, 1/4 | 4 |
| 28 | 8507233 | ⊗ Valve, 4-Way, 5-Port, 2 Pos | 3 |
| | 8592214 | Valve, Replacement,CNTRL,Stall | a/r |
| 29 | 8592213 | Kit,Transition,Valve,CNTRL,Stall | a/r |
| 30 | 8570997 | Regulator Valve, w/Gauge, 1/4 NPT | 1 |

The following parts should be used with Control Assembly design for 2016 and later:

- 31 8592764 Manifold, 4-way, 3 Station 1
- 32 8592763 Valve, Air, Logic, "OR" 8
- 33 8592761 Valve, Air, Pilot 3
- 34 8592760 Regulator, Valve, Cntrl Assy, Stall 1

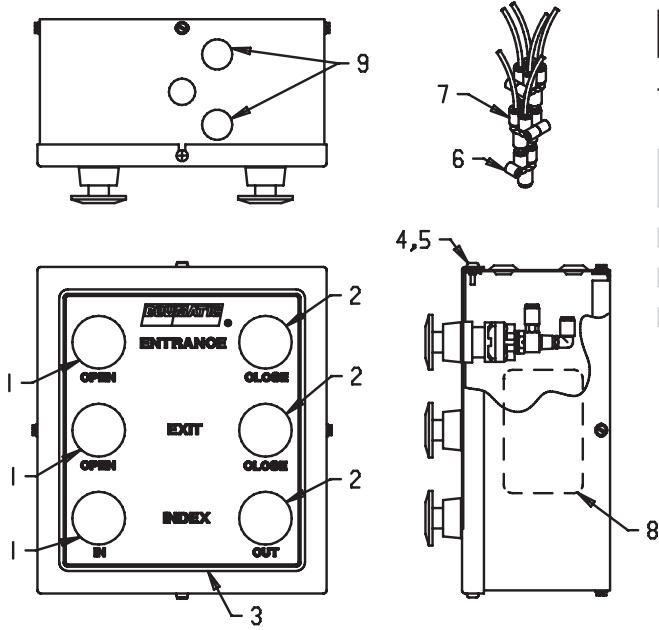
1. Both 8592214 and 8592213 are required when replacing 8507233.

Remote Control Assemblies



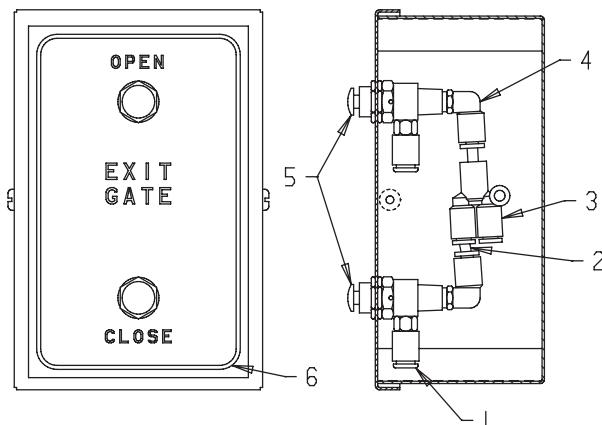
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------|----------|--|----------------------------|
| | | ⊗=OBsolete n/s=NOT SHOWN | |
| 8590227 | | Control Assy, Remote, Entrance (shown) | 227 |
| 8590229 | | Control Assy, Remote, Crowd | 229 |
| 1 | 8511419 | Valve Assy, Pushbutton, Grn (shown) | 2 1 |
| | 8553490 | Valve Assy, 3-Way, Pushbutton, Grn (Parts for both on page F-104) | 2 1 |
| 2 | 8511418 | Valve Assy, Pushbutton, Red | 1 1 |
| | 8553489 | Valve Assy, 3-Way, Pushbutton, Red (Parts for both on page F-104) | 1 1 |
| 3 | 8511420 | Valve Assy, Pushbutton, Blk (shown) | 1 2 |
| | 8553488 | Valve Assy, 3-Way, Pushbutton, Blk (Parts for both on page F-104) | 1 2 |
| | 8518221 | Valve Assy, Pushbutton, 4-Color | 1 2 |
| 4 | 8590268 | Label, Entrance (shown) | 1 - |
| | 8590269 | Label, Entrance, Crowd | - 1 |
| 5 | 1027265 | TFSCR, PNH, SS, 8-18 x 1/2 AB | 2 2 |
| 6 | 3551200 | Nut, Speed, #8 | 2 2 |
| 7 | 8507088 | Conn, Push, Union, Y, 5/32 | 1 1 |
| 8 | 8590279 | Conn, Push, Plug-In, Y, 5/32 | 2 2 |
| 9 | 8507120 | Label, Caution, Fastlane Stalls | 1 1 |

Deluxe Remote Box Assembly



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------|----------|--|----------------------------|
| | | ⊗=OBsolete n/s=NOT SHOWN | |
| 8590402 | | Box Assy, Remote, Deluxe | - |
| 1 | 8511419 | Valve Assy, Pushbutton, Grn (shown) | 3 |
| | 8553490 | Valve Assy, 3-Way, Pushbutton, Grn (Parts for both on page F-104) | 3 |
| 2 | 8511420 | Valve Assy, Pushbutton, Blk (shown) | 3 |
| | 8553488 | Valve Assy, 3-Way, Pushbutton, Blk (Parts for both on page F-104) | 3 |
| 3 | 8590437 | Label, Remote | 1 |
| 4 | 1027265 | TFSCR, PNH, SS, 8-18 x 1/2 AB | 2 |
| 5 | 3551200 | Nut, Speed, #8 | 2 |
| 6 | 8507088 | Conn, Push, Union, Y, 5/32 | 1 |
| 7 | 8590279 | Conn, Push, Plug-In, Y, 5/32 | 4 |
| 8 | 8507120 | Label, Caution, Fastlane Stalls | 1 |
| 9 | 3551754 | Plug, Int, Plstc, 0.50 | 2 |

Remote Control Assembly, Exit

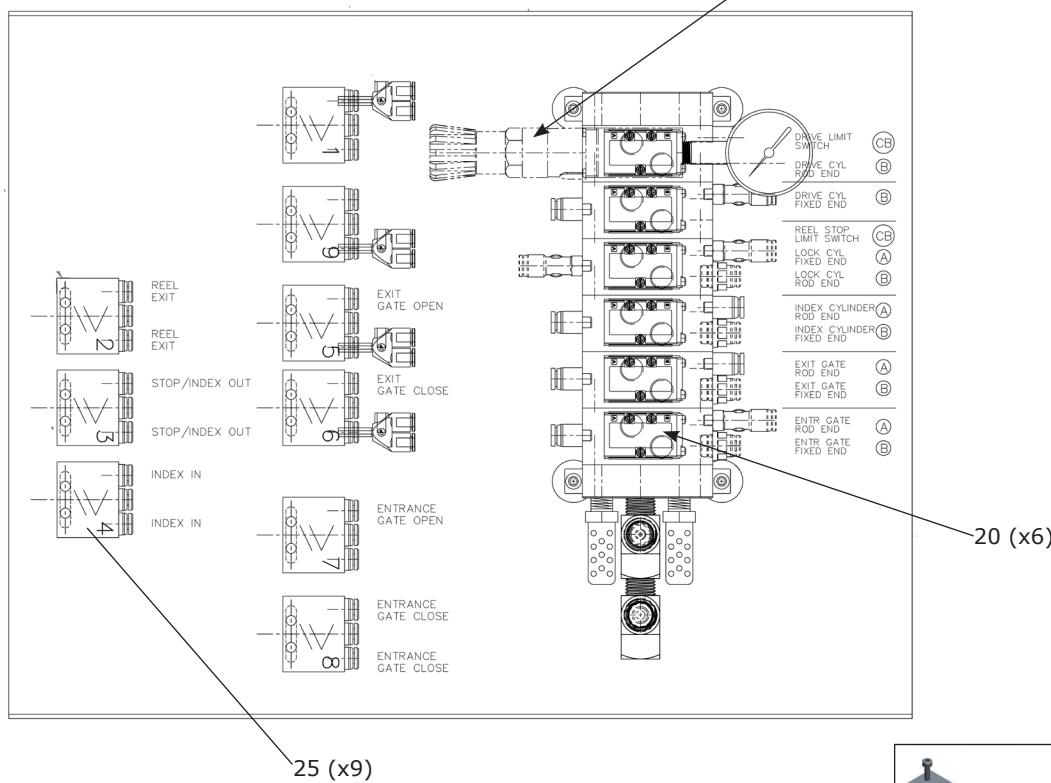


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------|----------|-----------------------------------|----------------------------|
| 8590228 | | Control Assy, Remote, Exit | - |
| 1 | 3554086 | Conn, Push, 5/32 OD x 10-32 | 2 |
| 2 | 3554439 | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r |
| 3 | 8590279 | Conn, Push, Plug-In, Y, 5/32 | 1 |
| 4 | 3554424 | Conn, Swl, Elb, 5/32 OD x 10-32 | 2 |
| 5 | 8552280 | Valve, 3-Way, Push-button | 2 |
| 6 | 8590293 | Label, Exit | 1 |

Control Assembly Xpressway Herringbone

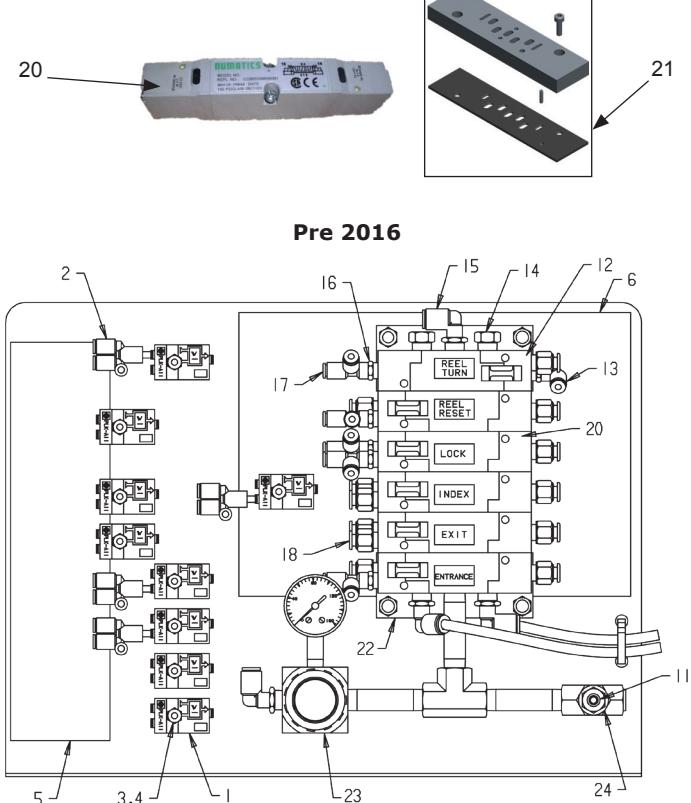
SECTION F PAGE 55
EFFECTIVE: 11/7/19

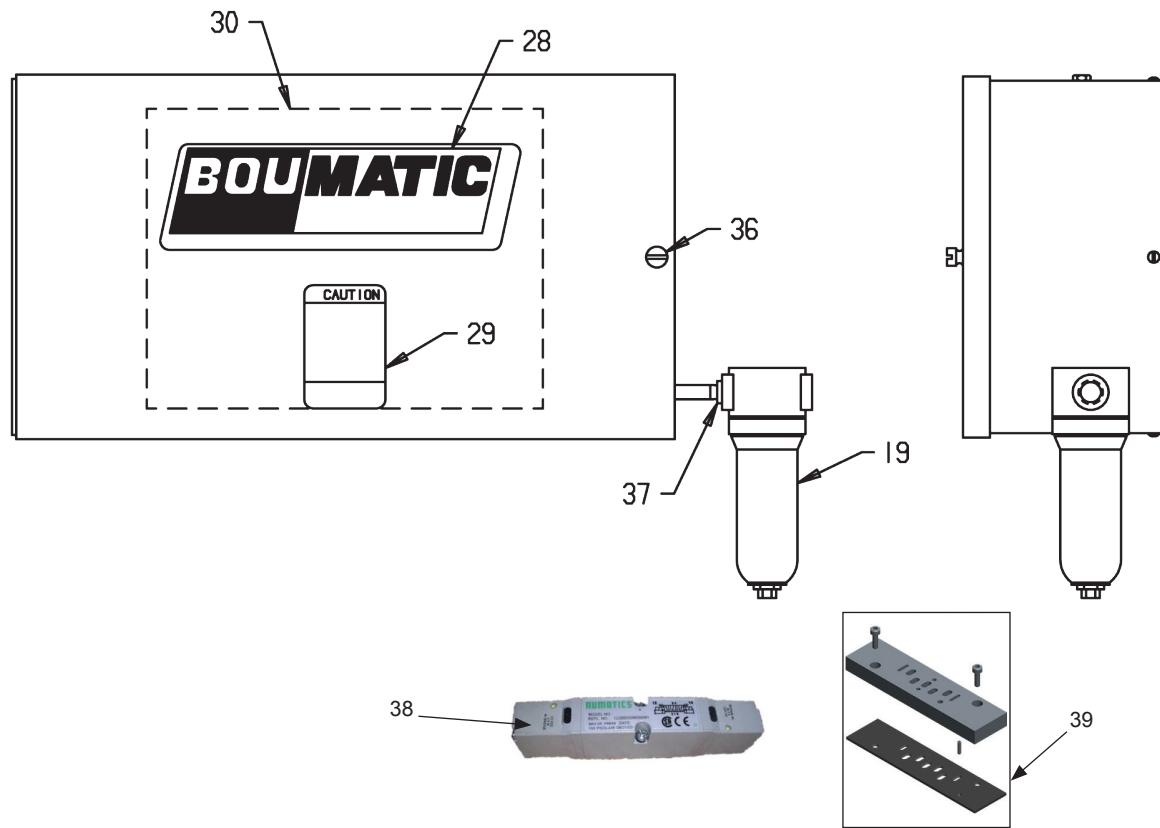
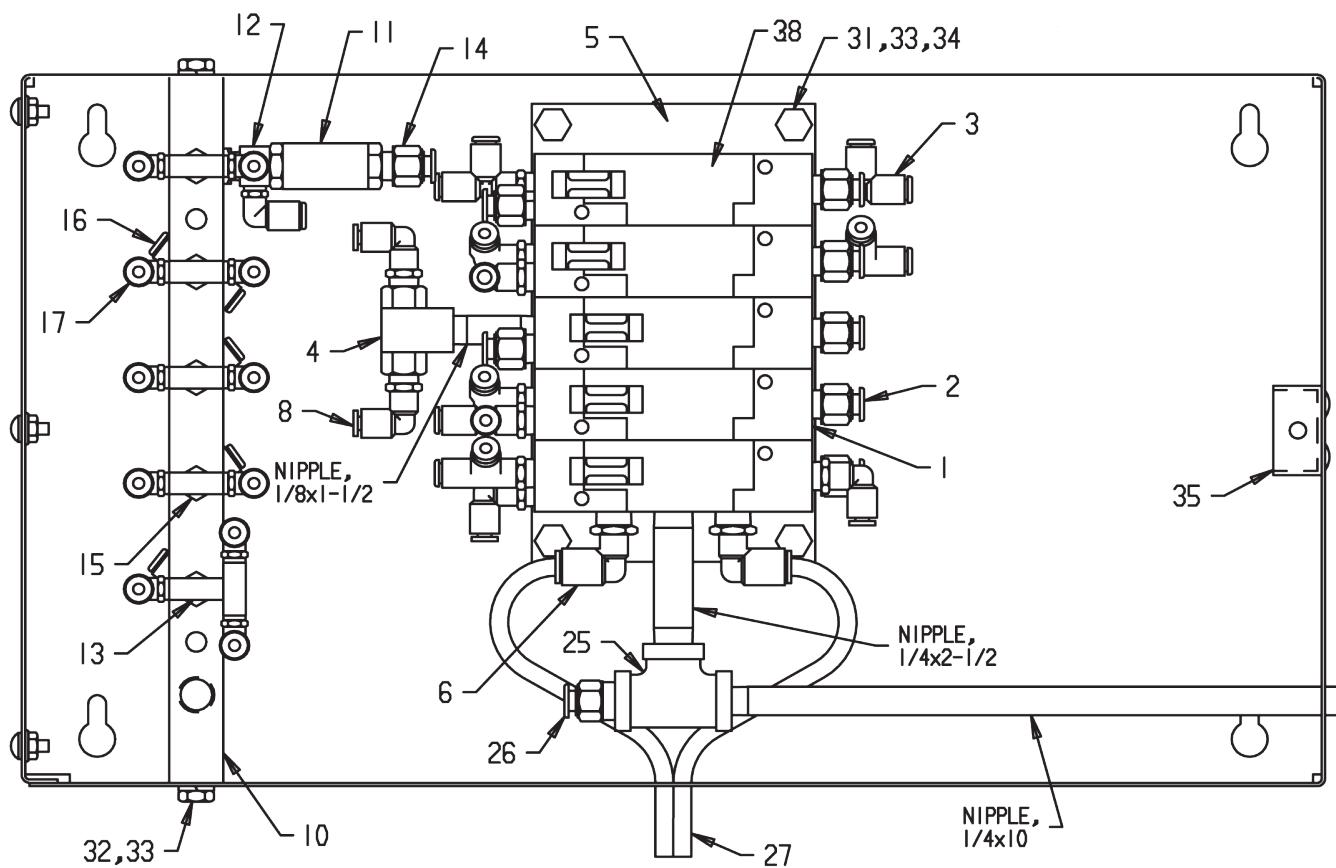
2016 and later



| ITEM | PART NO. | ⊖=OBSCLETE N/S = NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|----------------|----------------------|-------------------------------|--|---------------------------|
| 8590235 | | | Control Assy, Xpressway Herringbone | - |
| 1 | 8590304 | | Valve, Air, Logic, OR | 9 |
| 2 | 8590279 | | Conn, Push, Plug-In, Y, 5/32 | 4 |
| 3 | 1096185 | | MSCR, PNH, SS, 8-32 x 1 | 9 |
| 4 | 1204378 | | Nut, Hex, Mscr, SS, 8-32 | 9 |
| 5 | 8590373 | | Label, Pushbutton Panel | 1 |
| 6 | 8590374 | | Label, Cyl Connections | 1 |
| 7 | 3554174 | n/s | Hose,Nyl,Red,5/32ODx100Ft | a/r |
| 8 | 3554439 | n/s | Hose,Nyl,Blk,5/32ODx100Ft | a/r |
| 9 | 3554530 | n/s | Hose,Nyl,Yel,5/32ODx100Ft | a/r |
| 10 | 8519183 | ⊗ n/s | Tube, Nylon, .25 x .035 | a/r |
| 11 | 8507089 | | Conn, Push, Plug, 5/32 | 1 |
| 12 | 8570998 | | Manifold, 6-Station (Includes items 13 thru 23) | 1 |
| 13 | 3554451 | | Conn,Swl,Elb,5/32ODx1/8 NPT | 1 |
| 14 | 1431200 | | Plug, Hex HD, Brass, 1/4 | 2 |
| 15 | 8507022 | | Conn,Swl,Elb,1/4ODx1/4 NPT | 4 |
| 16 | 1431240 | | Plug, Hex HD, Brass, 1/8 | 2 |
| 17 | 3554331 | | Conn,Push,Tee,5/32x1/8 NPT | 5 |
| 18 | 3554159 | | Conn,Push,5/32ODx1/8 NPT | 16 |
| 19 | 8570729 | | Manifold, Subbase | 6 |
| 20 | 8507233 ¹ | ⊗ | Valve, 4-Way, 5-Port, 2 Pos | 6 |
| | 8592214 ² | | Valve,Replacement,CNTRL,Stall | a/r |
| | 8592761 ² | | Valve, Air Pilot | a/r |
| 21 | 8592213 | | Kit,Transition,Valve,CNTRL,Stall | a/r |
| 22 | 8553480 | ⊗ | Bracket, Mtg, Manifold | 2 |
| 23 | 8570997 | | Regulator Valve,w/Gauge,1/4 NPT | 1 |
| 24 | 8507013 | | Conn, Push, 5/32 x 1/4 NPT | 1 |
| 25 | 8592763 | | Valve, Air, Logic, OR | 9 |
| 26 | 8592760 | | Regulator,Valve, Ctrl Assy, Stall | 1 |

1. Both 8592214 and 8592213 are required when replacing 8507233.
2. item 20: Use 8592214 for installations before 2016. Use 8592761 for installation from 2016 and later.



**Control Assembly
Parallel Stall**

Control Assembly Parallel Stall

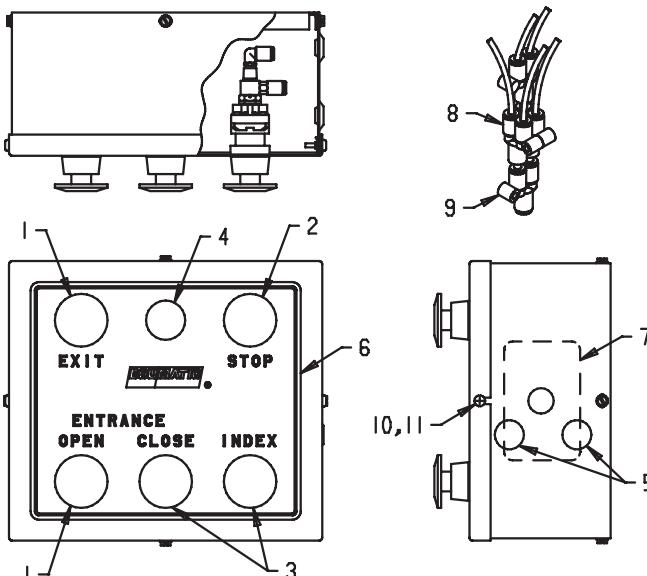
| | |
|--------------------|------|
| SECTION | PAGE |
| F | 57 |
| EFFECTIVE: 4/18/17 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQU. (a/r=AS REQ.) |
|----------------|----------|-----------------------------|--|-----------------------------|
| 8553484 | | ⊗ | Control Assy, Parallel Stall | - |
| 1 | 8507232 | ⊗ | Manifold, 5-Station (Includes items 2 thru 7 and 7 of item 8) | 1 |
| 2 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 9 |
| 3 | 3554331 | | Conn, Push, Tee, 5/32 x 1/8 NPT | 5 |
| 4 | 8507196 | | Valve, Shuttle, 1/8 NPT | 1 |
| 5 | 8553480 | ⊗ | Bracket, Mtg, Manifold | 2 |
| 6 | 8507022 | | Conn, Swl, Elb, 1/4 OD x 1/4 NPT | 2 |
| 7 | | | | |
| 8 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 10 |
| 9 | 8553493 | ⊗ | Manifold Assy, Parallel Stall (Includes items 10 thru 18 and 3 of item 8) | 1 |
| 10 | 8553485 | ⊗ | Manifold, Air, 12 Station, 1/8 NPT | 1 |
| 11 | 3554332 | | Operator, Air Pilot | 1 |
| 12 | 8552280 | | Valve, 3-Way, Push-button | 1 |
| 13 | 8507053 | | Valve, Shuttle, 10-32 | 6 |
| 14 | 3554159 | | Conn, Push, 5/32 OD x 1/8 NPT | 1 |
| 15 | 8551081 | | Bushing, Brs, 1/8 NPT x 10-32 | 5 |
| 16 | 3554109 | | Conn,Swl,Tee,5/32 x 5/32 x 1/8 NPT | 1 |
| 17 | 3554424 | | Conn, Swl, Elb, 5/32 OD x 10-32 | 2 |
| 18 | 3551825 | n/s | Elbow, Street, 90 Deg, Brs, 1/8 | 1 |
| 19 | 3554072 | ⊗ | Filter, Air, w/Auto Drain, 3/8 NPT | 1 |

| | | | | |
|----|---------|-------|----------------------------------|-----|
| 20 | 3554439 | n/s | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r |
| 21 | 3554174 | n/s | Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r |
| 22 | 3554530 | n/s | Hose, Nyl, Yel, 5/32 OD x 100 Ft | a/r |
| 23 | 3554440 | n/s | Hose, Nyl, Grn, 5/32 OD x 100 Ft | a/r |
| 24 | 3554115 | n/s | Hose, Nyl, Nat, 5/32 OD x 100 Ft | a/r |
| 25 | 1400400 | | Tee, Galv, 1/4 | 1 |
| 26 | 8507013 | | Conn, Push, 5/32 x 1/4 NPT | 1 |
| 27 | 8519183 | ⊗ n/s | Tube, Nylon, .25 x .035 | a/r |
| 28 | 8506167 | | Label, Bou-Matic, 3.00 x 10.00 | 1 |
| 29 | 8507120 | | Label, Caution, Fastlane Stalls | 1 |
| 30 | 8553486 | ⊗ | Label, Air Logic Diagram, Prl St | 1 |
| 31 | 1174008 | | CSCR, HXH, 1/4-20 x 3/4 ZP | 4 |
| 32 | 1091008 | | CSCR, HXH, 1/4-20-3/4 | 2 |
| 33 | 1209386 | | Wshr, Lock, Hlcl Spr, SS, 1/4 | 6 |
| 34 | 1270352 | | Nut, Insert, 1/4-20 | 4 |
| 35 | 8507046 | | Retainer, Door, Air Control | 1 |
| 36 | 8507047 | ⊗ | Screw, Knurled, Retainer | 1 |
| | 1027301 | | TFSCR,PNH,SS,1/4-14 X 1 AB | 1 |
| 37 | 1401117 | | (Replaces 8507047) | |
| 38 | 8507233 | 1 | Bushing, Hex, Galv, 3/8 x 1/4 | 1 |
| | 8592214 | n/s | Valve, 4-Way, 5-Port, 2 Pos | 5 |
| | 8592213 | n/s | Valve,Replacement,CNTRL,Stall | a/r |
| | 8592214 | n/s | Kit,Transition,Valve,CNTRL,Stall | a/r |
| | 39 | | | |

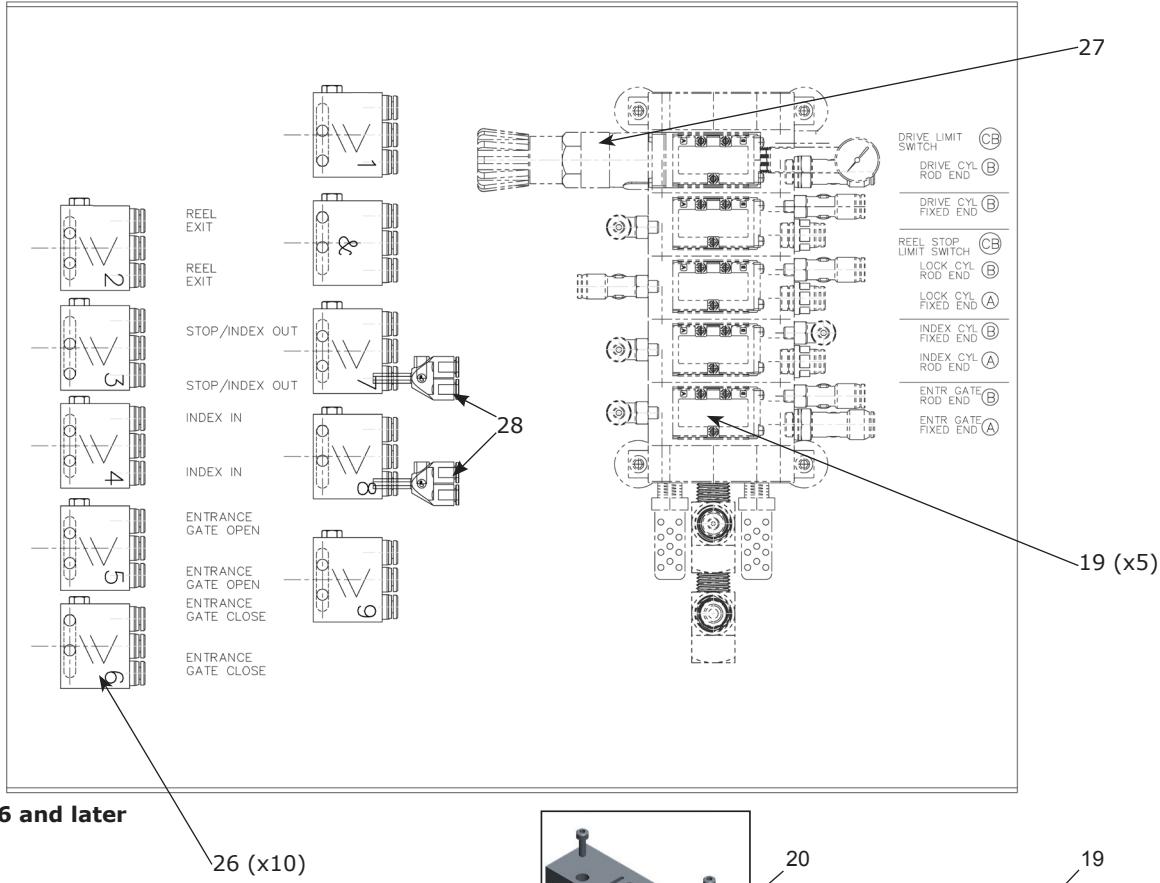
1. Both 8592214 and 8592213 are required when replacing 8507233.

Remote Control Assemblies



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------|----------|-----------------------------|---|----------------------------|
| 8553491 | | | Box Assy, Control, Remote, Right (shown) | 491 |
| 8553492 | | | Box Assy, Control, Remote, Left | 492 |
| 1 | 8511419 | ⊗ | Valve Assy, Pushbutton, Grn (shown) | 2 2 |
| | 8553490 | ⊗ | Valve Assy, 3-Way, Pushbutton, Grn (Parts for both on page F-104) | 2 2 |
| 2 | 8511418 | ⊗ | Valve Assy, Pushbutton, Red | 1 1 |
| | 8553489 | ⊗ | Valve Assy, 3-Way, Pushbutton, Red (Parts for both on page F-104) | 1 1 |
| 3 | 8511420 | ⊗ | Valve Assy, Pushbutton, Blk (shown) | 2 2 |
| | 8553488 | ⊗ | Valve Assy, 3-Way, Pushbutton, Blk (Parts for both on page F-104) | 2 2 |
| 4 | 8518221 | | Valve, Assy, Pushbutton, 4-Colo | 2 2 |
| 5 | 3551755 | | Plug, Int, Plstc, 0.88 | 1 1 |
| 6 | 3551754 | | Plug, Int, Plstc, 0.50 | 2 2 |
| 7 | 8518881 | | Label, Control, Remote, Right (shown) | 1 - |
| | 8518880 | | Label, Control, Remote, Left | - 1 |
| 8 | 8507120 | | Label, Caution, Fastlane Stalls | 1 1 |
| 9 | 8590279 | | Conn, Push, Plug-In, Y, 5/32 | 3 3 |
| 10 | 8507088 | | Conn, Push, Union, Y, 5/32 | 1 1 |
| 11 | 1027265 | | TFSCR, PNH, SS, 8-18 x 1/2 AB | 2 2 |
| | 3551200 | | Nut, Speed, #8 | 2 2 |

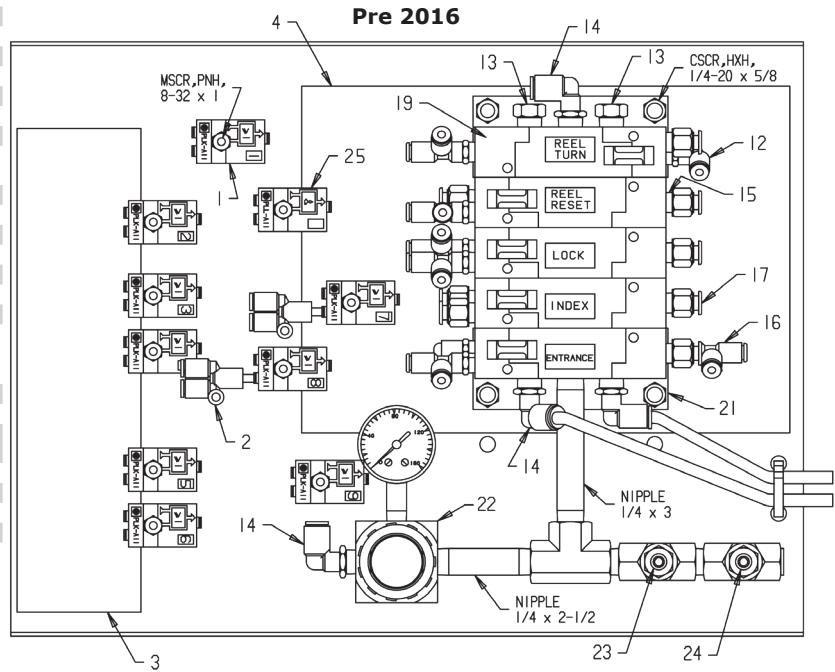
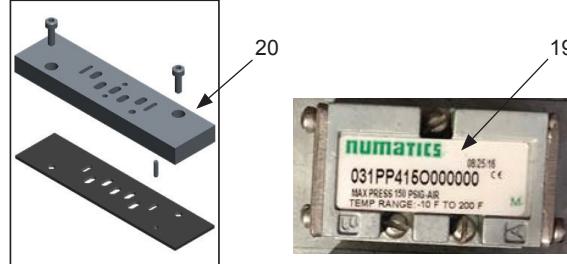
Control Assembly Xpressway Parallel Stall



| ITEM | PART NO. | ⊖=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------|----------------------|-----------------------------|--|----------------------------|
| 8510146 | | | Control Assy, Prl Stall | - |
| 1 | 8590304 | | Valve, Air, Logic OR | 10 |
| 2 | 8590279 | | Conn, Push, Plug-In Y, 5/32 | 2 |
| 3 | 8510149 | | Label, Push But, Pnl, Prl Stall | 1 |
| 4 | 8515599 | | Label, Cyl Conn, Prl Stall | 1 |
| 5 | 3554174 | n/s | Hose,Nyl,Red,5/32ODx100Ft | a/r |
| 6 | 3554439 | n/s | Hose,Nyl,Blk,5/32ODx100Ft | a/r |
| 7 | 3554530 | n/s | Hose,Nyl,Yel,5/32ODx100Ft | a/r |
| 8 | 3554440 | n/s | Hose,Nyl,Grn,5/32ODx100Ft | a/r |
| 9 | 3556247 | n/s | Hose,Nyl,Blu,5/32ODx100Ft | a/r |
| 10 | 3554115 | n/s | Hose,Nyl,Nat,5/32ODx100Ft | a/r |
| 11 | 8510148 | | Manifold Assy, 5 Sta (Includes items 12-23) | 1 |
| 12 | 3554451 | | Conn,Swl,Elb,5/32ODx1/8NPT | 2 |
| 13 | 1431200 | | Plug, Hex Hd, Brass, 1/4 | 2 |
| 14 | 8507022 | | Conn,Swl,Elb,1/4ODx1/4NPT | 4 |
| 15 | 1431240 | | Plug, Hex Hd, Brass, 1/8 | 2 |
| 16 | 3554331 | | Conn,Push,Tee,5/32x1/8NPT | 6 |
| 17 | 3554159 | | Conn,Push,5/32ODx1/8NPT | 10 |
| 18 | 8570729 | n/s | Manifold, Subbase | 5 |
| 19 | 8507233 ¹ | ⊖ | Valve, 4-Way, 5-Port, 2-Pos | 5 |
| | 8592214 ² | | Valve,Replacement,CNTRL,Stall | a/r |
| | 8592761 ² | | Valve, Air Pilot | a/r |
| 20 | 8592213 | | Kit,Transition,Valve,CNTRL,Stall | a/r |
| 21 | 8553480 | ⊖ | Bracket, Mtg, Manifold | 2 |
| 22 | 8570997 | | Regulator Valve, w/Gauge, 1/4NPT | 1 |
| 23 | 8507013 | | Conn, Push, 5/32 x 1/4NPT | 1 |
| 24 | 8507100 | | Conn, Push, 1/4 x 1/4NPT | 1 |
| 25 | 8516962 | | Valve, And, 5/32 | 1 |
| 26 | 8592763 | | Valve, Air, Logic, OR | 10 |
| 27 | 8592760 | | Regulator,Valve,Ctrl Assy,Stall | 1 |
| 28 | 8590279 | | Conn, Push, Plug-In Y, 5/32 | 2 |

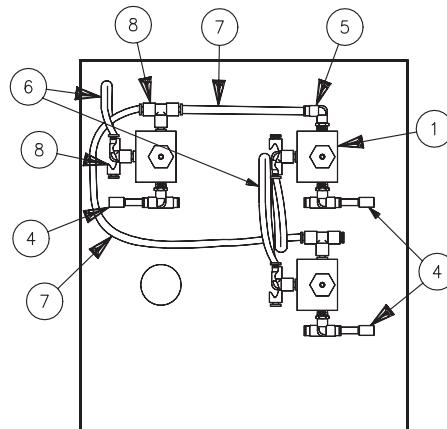
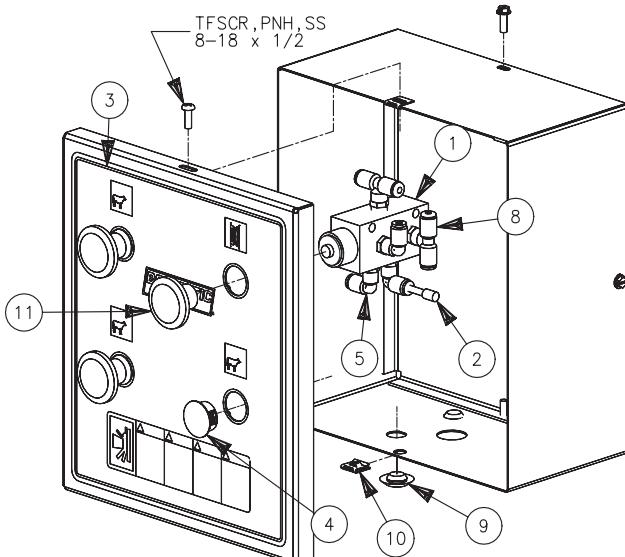
1. Both 8592214 and 8592213 are required when replacing 8507233.

1. Both 8592214 and 8592215 are required when replacing 8592293.
2. item 20: Use 8592214 for installations before 2016. Use 8592761 for installation from 2016 and later.



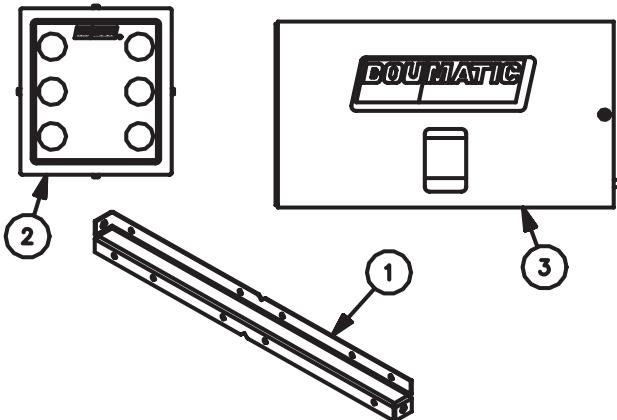
Tilt Exit Stall Control Assembly

SECTION F PAGE 59
EFFECTIVE: 9/15/03



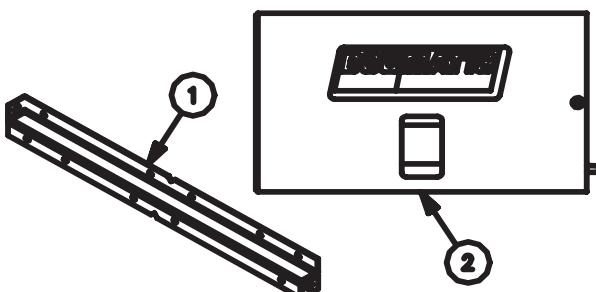
| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|----------------|--------------------------------------|---------------------------------------|---------------------------|
| 8501906 | Control Assy, Tilt Exit Stall | | - |
| 1 | 8507149 | Valve, Air, 4-Way (Includes item 11) | 3 |
| 2 | 8507089 | Conn, Push, Plug, 5/32 | 3 |
| 3 | 8501937 | Label, Control box, Grand Prix | 1 |
| 4 | 4019435 | Plug, Int, Plstc, 0.75 | 1 |
| 5 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 | 10 |
| 6 | 3554115 | Hose, Nyl, Nat, 5/32 OD x 100 Ft. | a/r |
| 7 | 3554439 | Hose, Nyl, Blk, 5/32 OD x 100 Ft. | a/r |
| 8 | 3554109 | Conn, Swl, tee, 5/32 x 5/32 x 1/8 NPT | 5 |
| 9 | 3551754 | Plug, Int, Plstc, 0.50 | 210 |
| 10 | 3551200 | Nut, Speed, #8 | 2 |
| 11 | 8511551 | Push Button, Valve, BLK | 3 |

Classic Interlock Control Kit



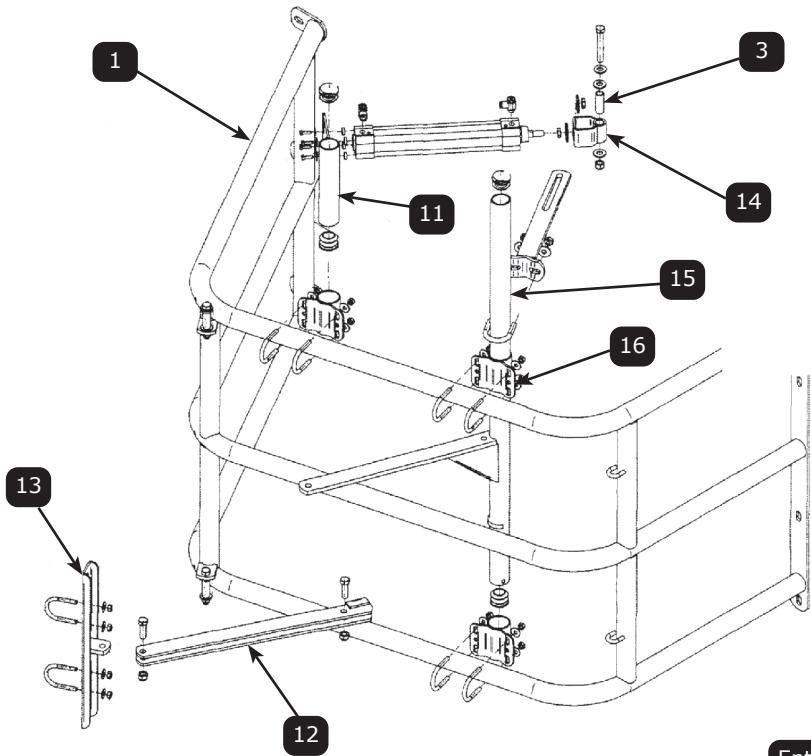
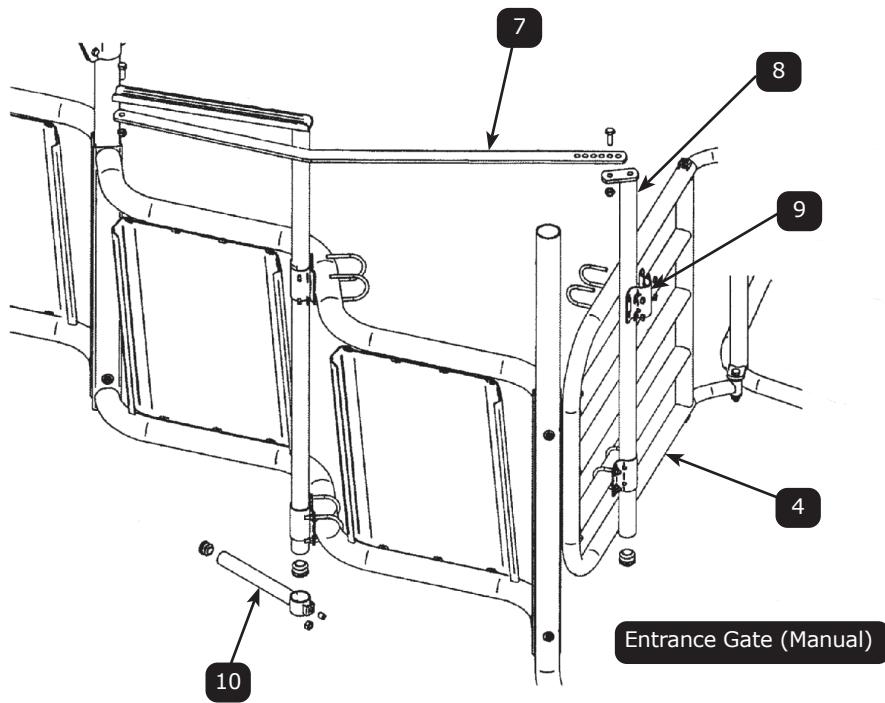
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|----------------|----------|-----------------------------|---|---------------------------|
| 8501944 | | ⊗ | Kit, Control, Classic Interlock | - |
| 1 | 8590138 | ⊗ | Bracket, Mtg, Control Box | 1 |
| 2 | 8590402 | | Box Assy, Remote Deluxe (Parts on Page F-54) | 4 |
| 3 | 8590403 | | Control Assy, Indexing Rail (Parts on Page F-53) | 2 |

Supreme Interlock Control Kit



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|----------------|----------|-----------------------------|--|---------------------------|
| 8501945 | | ⊗ | Kit, Control, Supreme Interlock | - |
| 1 | 8590138 | ⊗ | Bracket, Mtg, Control Box | 1 |
| 2 | 8590403 | | Control Assy, Indexing Rail (Parts on Page F-53) | 2 |
| 3 | 8511419 | ⊗ | Valve Assy, Pushbutton, Grn (Parts on Page F-54) | 12 |
| 4 | 8511420 | ⊗ | Valve Assy, Pushbutton, Blk (Parts on Page F-54) | 12 |
| | 8518221 | | Valve Assy, Pushbutton, 4-Color | 12 |
| 5 | 8590437 | | Label Remote (Parts on Page F-54) | 4 |
| 6 | 8590279 | | Conn, Push, Plug-in Y, 5/32 (Parts on Page F-54) | 16 |
| 7 | 8507120 | | Label, Caution, Fastlane Stall (Parts on Page F-54) | 4 |
| 8 | 8507088 | | Conn, Push, Union Y, 5/32 (Parts on Page F-54) | 4 |

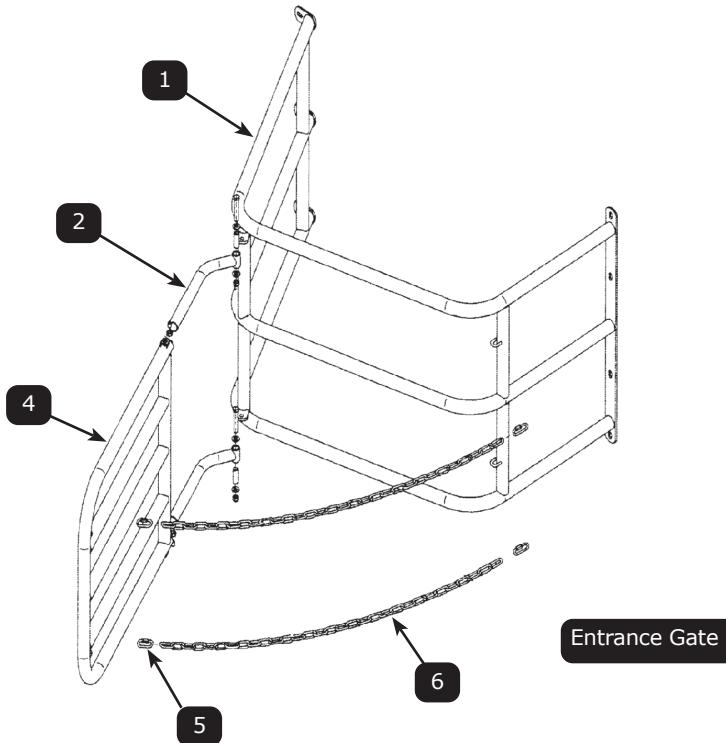
GT2™ Entry Gates



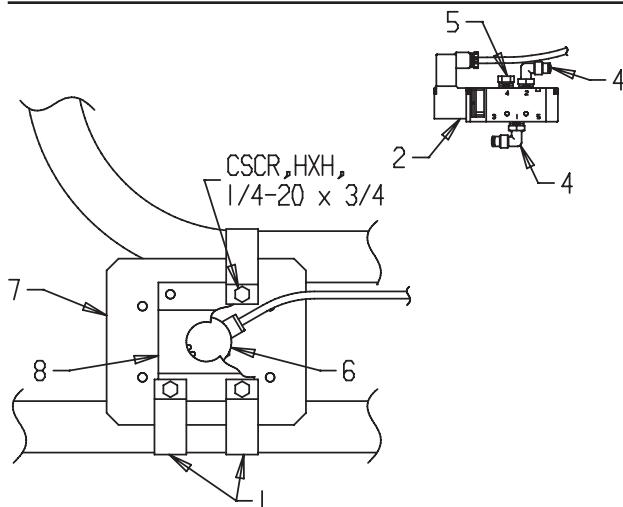
Entrance Gate (Air)

GT2™ Entry Gates

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 61 |
| EFFECTIVE: 1/18/10 | |



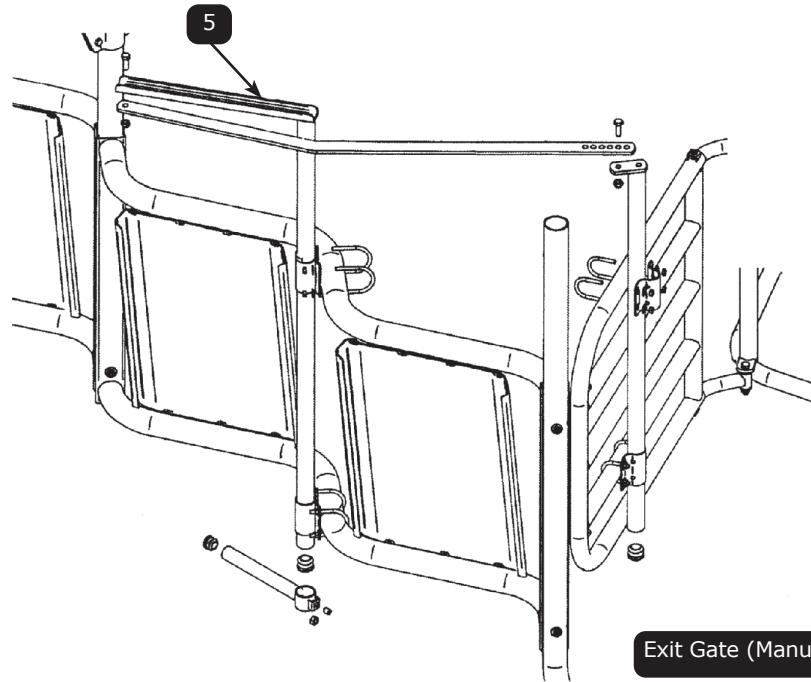
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|---------------------------------|-----------------------------------|
| | 8504845 | | GT2, Entry Gate, Manual | 4845 |
| | 8504844 | | GT2, Entry Gate, Air | 4844 |
| 1 | 8580221 | | Support, Entr Gate | 2 2 |
| 2 | 8580223 | | Hinge, Gate, Adjustable | 4 4 |
| 3 | 8580191 | | Bushing | 4 6 |
| 4 | 8580222 | | Gate, Entrance | 2 2 |
| 5 | 8580200 | | Quick Link DM6 | 8 8 |
| 6 | 8580224 | | Chain, 23 x 1M30 | 4 4 |
| 7 | 8580225 | | Bar, Control | 2 - |
| 8 | 8580196 | | Tube, Over Entrance Gate | 2 - |
| 9 | 8580175 | | Clamp, Tube, 33-42 | 4 - |
| 10 | 8580226 | | Handle, Control | 2 - |
| 11 | 8580194 | | Clevis, Fixed End, Air Cylinder | - 2 |
| 12 | 8580219 | | Arm, Double | - 2 |
| 13 | 8580192 | | Bracket, Gate | - 2 |
| 14 | 8580227 | | Arm, Link, Air Cylinder | - 2 |
| 15 | 8580218 | | Tube, Control | - 2 |
| 16 | 8580197 | | Clamp, Pivot | - 6 |



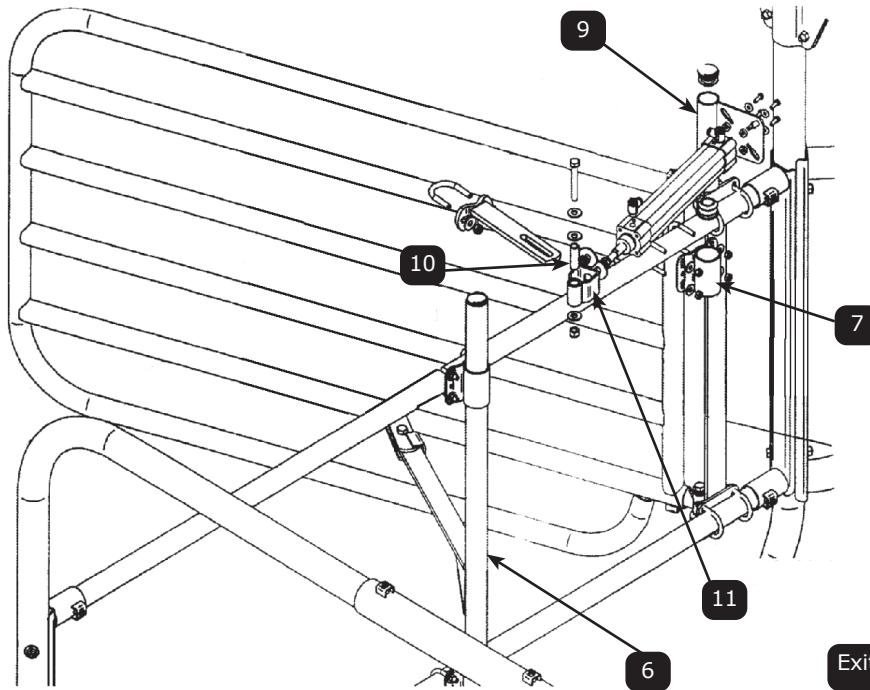
Parallel Stall Auto Entrance Kit Sort Gate Sensor/Valve Kit

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|--|----------|-----------------------------|------------------------------------|----------------------------|
| Kit, Auto Entrance, Prl Stall | | | | |
| Kit, Sensor/Valve, Sorting Gate | | | | |
| 1 | 8550230 | | Clip, Splash Shield | 3 4 |
| 2 | 3557108 | ⊗ | Valve, 4-Way, Air, Low Power | 1 1 |
| 3 | 8507090 | n/s | Conn, Push, Union Tee, 5/32 | 1 1 |
| 4 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 2 2 |
| 5 | 1431240 | | Plug, Hex Hd, Brass, 1/8 | 1 1 |
| 6 | 8500946 | | Sensor, IR, 16" | 1 1 |
| 7 | 8500947 | | Plate, w/Holes | 1 1 |
| 8 | 8500948 | | Bracket, Hat | 2 2 |
| 9 | 8500949 | n/s | Nut, Wire, Gray, 16-22GA, Silicone | 4 4 |

GT2™ Exit Gates



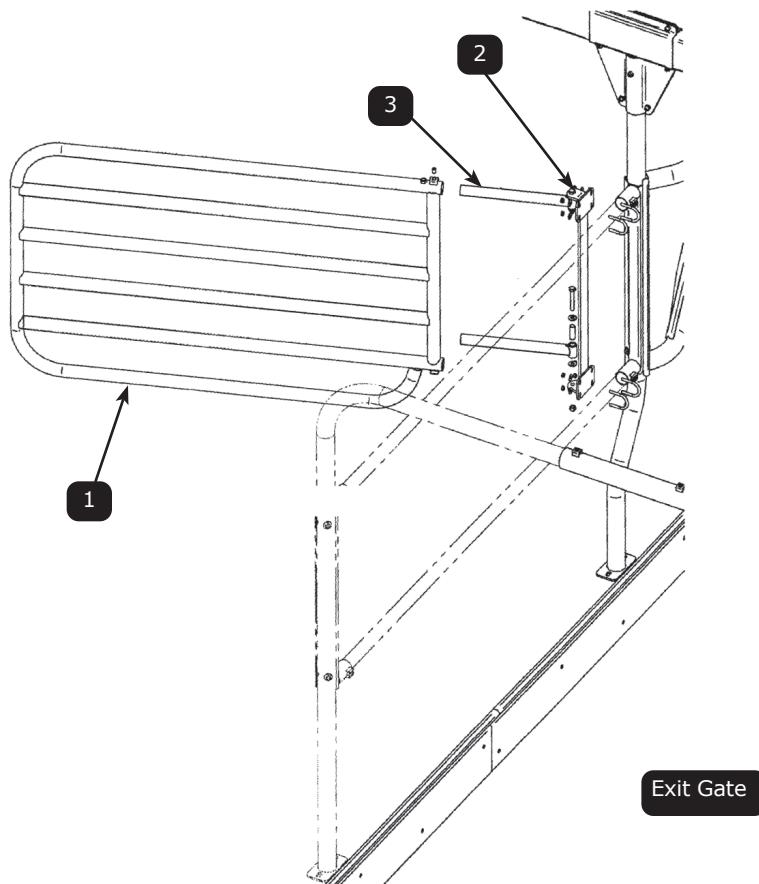
Exit Gate (Manual)



Exit Gate (Air)

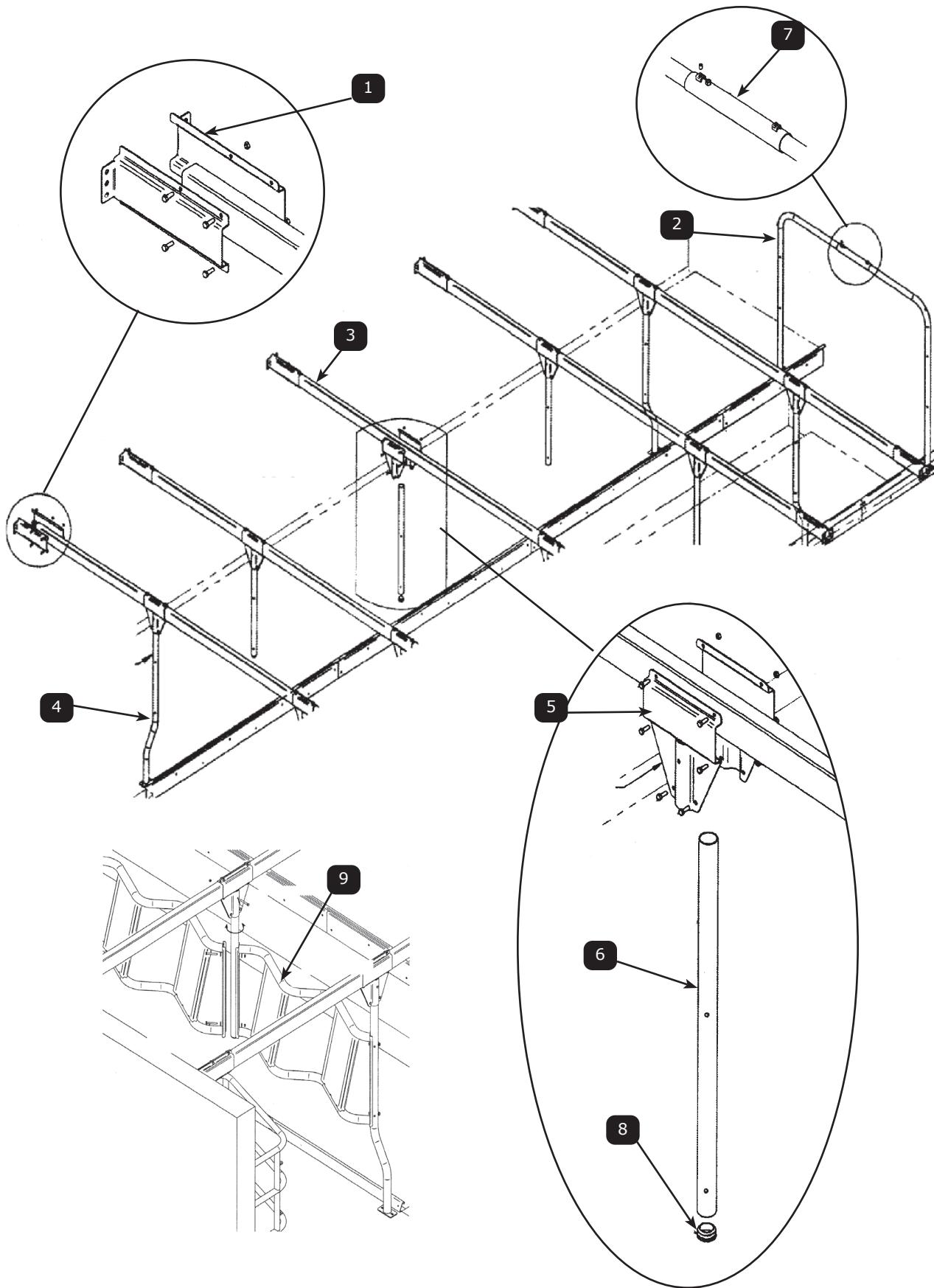
GT2™ Exit Gates

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 63 |
| EFFECTIVE: 1/18/10 | |



| ITEM NO. | PART NO. | ✗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|-------------|-------------|-----------------------------|---------------------------------|-----------------------------------|---|
| | 8504819 | | GT2, Exit Gate, Manual | 4819 | |
| | 8504865 | | GT2, Exit Gate, Air | 4865 | |
| 1 | 8580216 | | Gate, Exit | 2 | 2 |
| 2 | 8580220 | | Support, Adj Exit Gate | 2 | 2 |
| 3 | 8580217 | | Hinge, Gate, Adjustable | 4 | 4 |
| 4 | 8580192 | n/s | Bracket, Gate | 2 | 2 |
| 5 | 8580219 | | Arm, Double | 2 | 2 |
| 6 | 8580218 | | Tube, Control | 2 | 2 |
| 7 | 8580197 | | Clamp, Pivot | 4 | 6 |
| 8 | 8580198 | n/s | Handle, Control | 2 | 2 |
| 9 | 8580194 | | Clevis, Fixed End, Air Cylinder | - | 2 |
| 10 | 8580191 | | Bushing | 4 | 6 |
| 11 | 8580195 | | Clevis, Rod End, Air Cylinder | - | 2 |

GT2™ Rump Rail



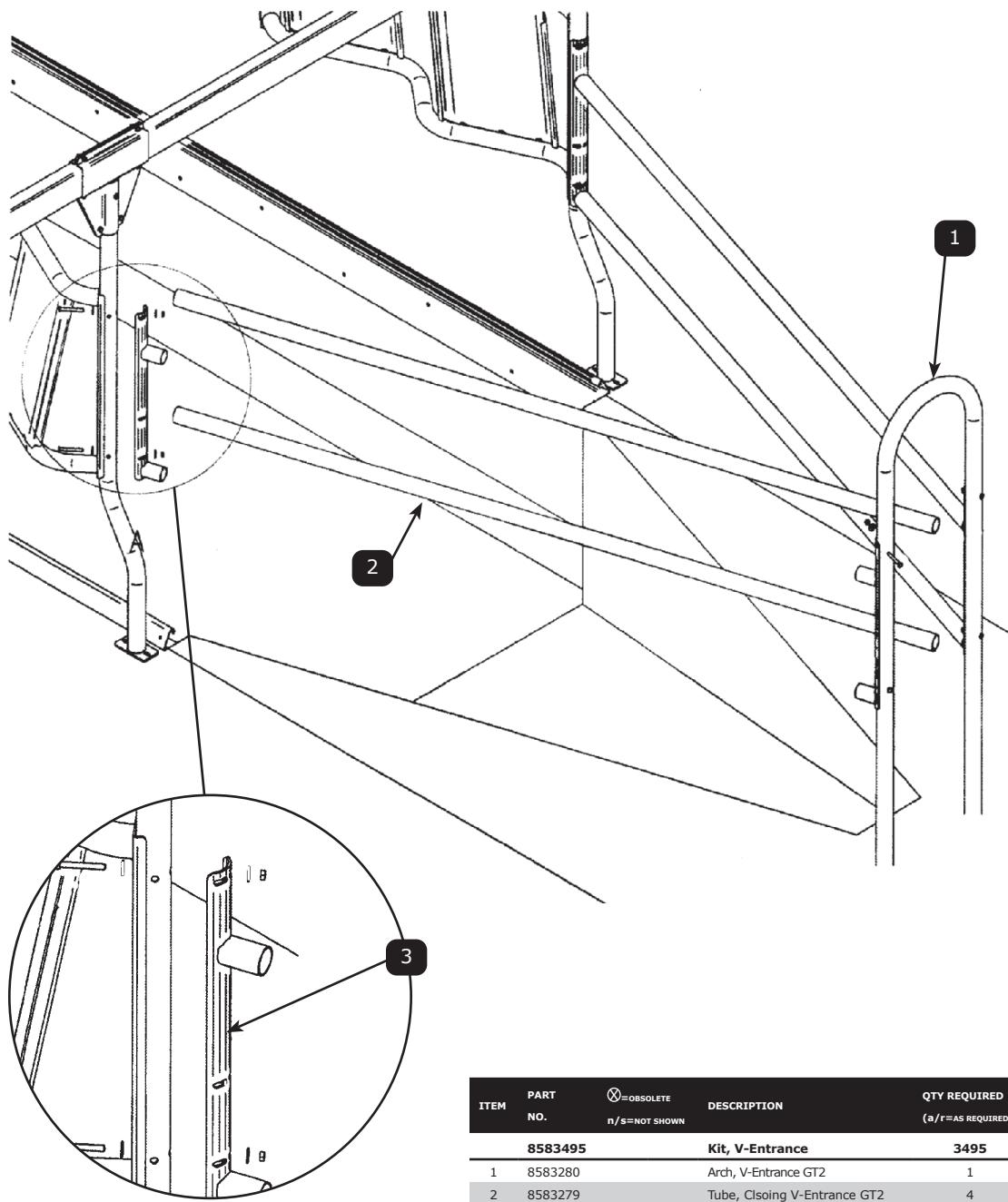
GT2™ Rump Rail

| | |
|--------------------|------|
| SECTION | PAGE |
| F | 65 |
| EFFECTIVE: 2/12/21 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | | | | | | | | |
|---------|-----------------------|------------------------------|-------------|-----------------------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|
| | | | | 2x3 | 2x4 | 2x5 | 2x6 | 2x7 | 2x8 | 2x10 | 2x12 | 2x14 | 2x15 | 2x16 | 2x18 | 2x20 | 2x24 | 2x28 | 2x32 | 2x36 |
| 8504982 | Kit, RR & Support, SS | | 4982 | | | | | | | | | | | | | | | | | |
| 8504821 | Kit, RR & Support, SS | | 4821 | | | | | | | | | | | | | | | | | |
| 8504839 | Kit, RR & Support, SS | | 4839 | | | | | | | | | | | | | | | | | |
| 8504848 | Kit, RR & Support, SS | | 4848 | | | | | | | | | | | | | | | | | |
| 8504814 | Kit, RR & Support, SS | | 4814 | | | | | | | | | | | | | | | | | |
| 8504849 | Kit, RR & Support, SS | | 4849 | | | | | | | | | | | | | | | | | |
| 8504817 | Kit, RR & Support, SS | | 4817 | | | | | | | | | | | | | | | | | |
| 8504782 | Kit, RR & Support, SS | | 4782 | | | | | | | | | | | | | | | | | |
| 8503019 | ⊗ | Kit, RR & Support, SS | | | | | | | | | | | | | | 3019 | | | | |
| 8510663 | Kit, RR & Support, SS | | | | | | | | | | | | | | | 3019 | | | | |
| 8583020 | Kit, RR & Support, SS | | | | | | | | | | | | | | | 3020 | | | | |
| 8583021 | Kit, RR & Support, SS | | | | | | | | | | | | | | | 3021 | | | | |
| 8583022 | Kit, RR & Support, SS | | | | | | | | | | | | | | | 3022 | | | | |
| 8583023 | Kit, RR & Support, SS | | | | | | | | | | | | | | | 3023 | | | | |
| 8583024 | Kit, RR & Support, SS | | | | | | | | | | | | | | | 3024 | | | | |
| 8583025 | Kit, RR & Support, SS | | | | | | | | | | | | | | | 3025 | | | | |
| 8583026 | Kit, RR & Support, SS | | | | | | | | | | | | | | | 3026 | | | | |
| 1 | 8583177 | Wall Bracket Extend Beams | 8 | 12 | 12 | 12 | 16 | 16 | 20 | 20 | 24 | 24 | 28 | 28 | 32 | 36 | 44 | 48 | 52 | |
| 2 | 8583174 | Post Sup Ext Stall | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 3 | 8583176 | Beams 120 x 60 x 3MM | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 9 | 11 | 12 | 13 | |
| 4 | 8583168 | Post Entr Exit Connect Beams | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 5 | 8583166 | Connec Beam to Suspender | 8 | 12 | 12 | 12 | 16 | 16 | 20 | 20 | 24 | 24 | 28 | 28 | 32 | 36 | 44 | 48 | 52 | |
| 6 | 8583169 | Suspender Support | 0 | 2 | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 10 | 12 | 14 | 18 | 20 | 22 | |
| 7 | 8583175 | Tube Connector 60x985MM | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 8 | 8580178 | Cap, Tube, 50-60 | 0 | 2 | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 10 | 12 | 14 | 18 | 20 | 22 | |
| 9 | 8583170 | 2 Cow Rump Rail, LH | 0 | 2 | 1 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 0 | |
| | 8583171 | 2 Cow Rump Rail, RH | 0 | 2 | 1 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 0 | |
| | 8583172 | 3 Cow Rump Rail, LH | 1 | 0 | 1 | 2 | 1 | 2 | 2 | 4 | 4 | 5 | 4 | 6 | 6 | 8 | 8 | 10 | 12 | |
| | 8583173 | 3 Cow Rump Rail, RH | 1 | 0 | 1 | 2 | 1 | 2 | 2 | 4 | 4 | 5 | 4 | 6 | 6 | 8 | 8 | 10 | 12 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | | | | | | | | |
|---------|-------------------------|------------------------------|-------------|-----------------------------------|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|
| | | | | 2x3 | 2x4 | 2x5 | 2x6 | 2x7 | 2x8 | 2x10 | 2x12 | 2x14 | 2x15 | 2x16 | 2x18 | 2x20 | 2x24 | 2x28 | 2x32 | 2x36 |
| 8504982 | Kit, RR & Support, Galv | | 4982 | | | | | | | | | | | | | | | | | |
| 8504821 | Kit, RR & Support, Galv | | 4821 | | | | | | | | | | | | | | | | | |
| 8504839 | Kit, RR & Support, Galv | | 4839 | | | | | | | | | | | | | | | | | |
| 8504848 | Kit, RR & Support, Galv | | 4848 | | | | | | | | | | | | | | | | | |
| 8504814 | Kit, RR & Support, Galv | | 4814 | | | | | | | | | | | | | | | | | |
| 8504849 | Kit, RR & Support, Galv | | 4849 | | | | | | | | | | | | | | | | | |
| 8504817 | Kit, RR & Support, Galv | | 4817 | | | | | | | | | | | | | | | | | |
| 8504782 | Kit, RR & Support, Galv | | 4782 | | | | | | | | | | | | | | | | | |
| 8583019 | ⊗ | Kit, RR & Support, Galv | | | | | | | | | | | | | 3019 | | | | | |
| 8510663 | Kit, RR & Support, Galv | | | | | | | | | | | | | | 0663 | | | | | |
| 8583020 | Kit, RR & Support, Galv | | | | | | | | | | | | | | 3020 | | | | | |
| 8583021 | Kit, RR & Support, Galv | | | | | | | | | | | | | | 3021 | | | | | |
| 8583022 | Kit, RR & Support, Galv | | | | | | | | | | | | | | 3022 | | | | | |
| 8583023 | Kit, RR & Support, Galv | | | | | | | | | | | | | | 3023 | | | | | |
| 8583024 | Kit, RR & Support, Galv | | | | | | | | | | | | | | 3024 | | | | | |
| 8583025 | Kit, RR & Support, Galv | | | | | | | | | | | | | | 3025 | | | | | |
| 8583026 | Kit, RR & Support, Galv | | | | | | | | | | | | | | 3026 | | | | | |
| 1 | 8583177 | Wall Bracket Extend Beams | 8 | 12 | 12 | 12 | 16 | 16 | 20 | 20 | 24 | 24 | 28 | 28 | 32 | 36 | 44 | 48 | 52 | |
| 2 | 8583174 | Post Sup Ext Stall | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| 3 | 8583176 | Beams 120 x 60 x 3MM | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 9 | 11 | 12 | 13 | |
| 4 | 8583168 | Post Entr Exit Connect Beams | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| 5 | 8583166 | Connec Beam to Suspender | 8 | 12 | 12 | 12 | 16 | 16 | 20 | 20 | 24 | 24 | 28 | 28 | 32 | 36 | 44 | 48 | 52 | |
| 6 | 8583169 | Suspender Support | 0 | 2 | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 10 | 12 | 14 | 18 | 20 | 22 | |
| 7 | 8583175 | Tube Connector 60x985MM | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 8 | 8580178 | Cap, Tube, 50-60 | 0 | 2 | 2 | 2 | 4 | 4 | 6 | 6 | 8 | 8 | 10 | 10 | 12 | 14 | 18 | 20 | 22 | |
| 9 | 8583170 | 2 Cow Rump Rail, LH | 0 | 2 | 1 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 0 | |
| | 8583171 | 2 Cow Rump Rail, RH | 0 | 2 | 1 | 0 | 2 | 1 | 2 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 1 | 0 | |
| | 8583172 | 3 Cow Rump Rail, LH | 1 | 0 | 1 | 2 | 1 | 2 | 2 | 4 | 4 | 5 | 4 | 6 | 6 | 8 | 8 | 10 | 12 | |
| | 8583173 | 3 Cow Rump Rail, RH | 1 | 0 | 1 | 2 | 1 | 2 | 2 | 4 | 4 | 5 | 4 | 6 | 6 | 8 | 8 | 10 | 12 | |

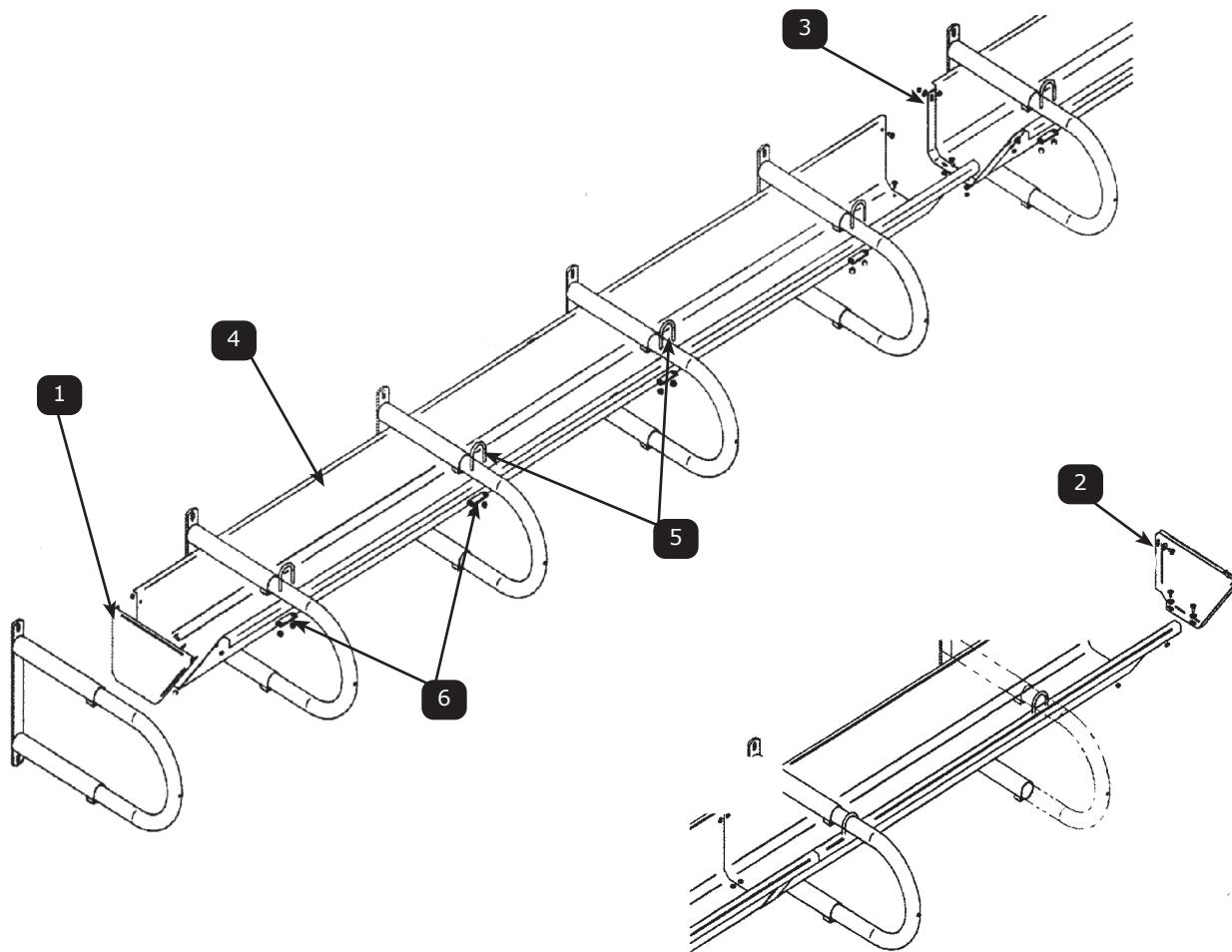
GT2™ V-Entrance (option)



| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED | |
|----------|----------|-------------------------------|-------------------|--|
| | | | (a/r=AS REQUIRED) | |
| 8583495 | | Kit, V-Entrance | 3495 | |
| 1 | 8583280 | Arch, V-Entrance GT2 | 1 | |
| 2 | 8583279 | Tube, Closoing V-Entrance GT2 | 4 | |
| 3 | 8583281 | Support V-Entrance | 4 | |

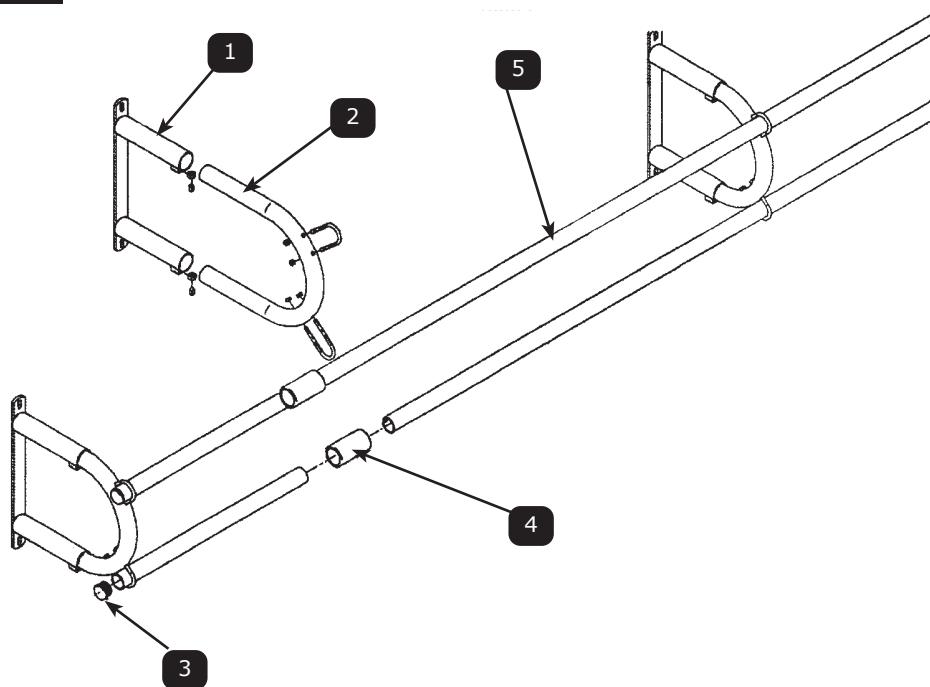
GT2™ Feed Trough (option)

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 67 |
| EFFECTIVE: 1/18/10 | |



| ITEM NO. | PART NO. | X=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | | | | | | |
|-------------|-------------|-----------------------------|--------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | 2x3 | 2x4 | 2x5 | 2x6 | 2x7 | 2x8 | 2x10 | 2x12 | 2x14 | 2x15 | 2x16 | 2x18 | 2x20 | 2x24 | 2x28 |
| 8583478 | | | Kit, Feed Trough | 3478 | | | | | | | | | | | | | | |
| 8583479 | | | Kit, Feed Trough | | 3479 | | | | | | | | | | | | | |
| 8583480 | | | Kit, Feed Trough | | | 3480 | | | | | | | | | | | | |
| 8583481 | | | Kit, Feed Trough | | | | 3481 | | | | | | | | | | | |
| 8583482 | | | Kit, Feed Trough | | | | | 3482 | | | | | | | | | | |
| 8583483 | | | Kit, Feed Trough | | | | | | 3483 | | | | | | | | | |
| 8583484 | | | Kit, Feed Trough | | | | | | | 3484 | | | | | | | | |
| 8583485 | | | Kit, Feed Trough | | | | | | | | 3485 | | | | | | | |
| 8583486 | | | Kit, Feed Trough | | | | | | | | | 3486 | | | | | | |
| 8583487 | | | Kit, Feed Trough | | | | | | | | | | 3487 | | | | | |
| 8583488 | | | Kit, Feed Trough | | | | | | | | | | | 3488 | | | | |
| 8583489 | | | Kit, Feed Trough | | | | | | | | | | | | 3489 | | | |
| 8583490 | | | Kit, Feed Trough | | | | | | | | | | | | | 3490 | | |
| 8583491 | | | Kit, Feed Trough | | | | | | | | | | | | | | 3491 | |
| 8583492 | | | Kit, Feed Trough | | | | | | | | | | | | | | | 3492 |
| 8583493 | | | Kit, Feed Trough | | | | | | | | | | | | | | | 3493 |
| 8583494 | | | Kit, Feed Trough | | | | | | | | | | | | | | | 3494 |
| 1 | 8583195 | | End Trough GT2 Left | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2 | 8583196 | | End Trough GT2 Right | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 8583192 | | Connect Plate Trough GT2 | 2 | 2 | 2 | 3 | 4 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 10 | 12 | 14 |
| 4 | 8583190 | | Trough GT2 3M | 1 | 2 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 7 | 8 | 9 | 10 | 12 | 14 |
| | 8583191 | | Trough GT2 1M | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| 5 | 8580185 | | U-Bolt, ZP, M8 x 42 | 6 | 8 | 10 | 12 | 14 | 16 | 20 | 24 | 28 | 30 | 32 | 36 | 40 | 48 | 56 |
| 6 | 8583194 | | Contreplate Trough GT2 | 6 | 8 | 10 | 12 | 14 | 16 | 20 | 24 | 28 | 30 | 32 | 36 | 40 | 48 | 56 |

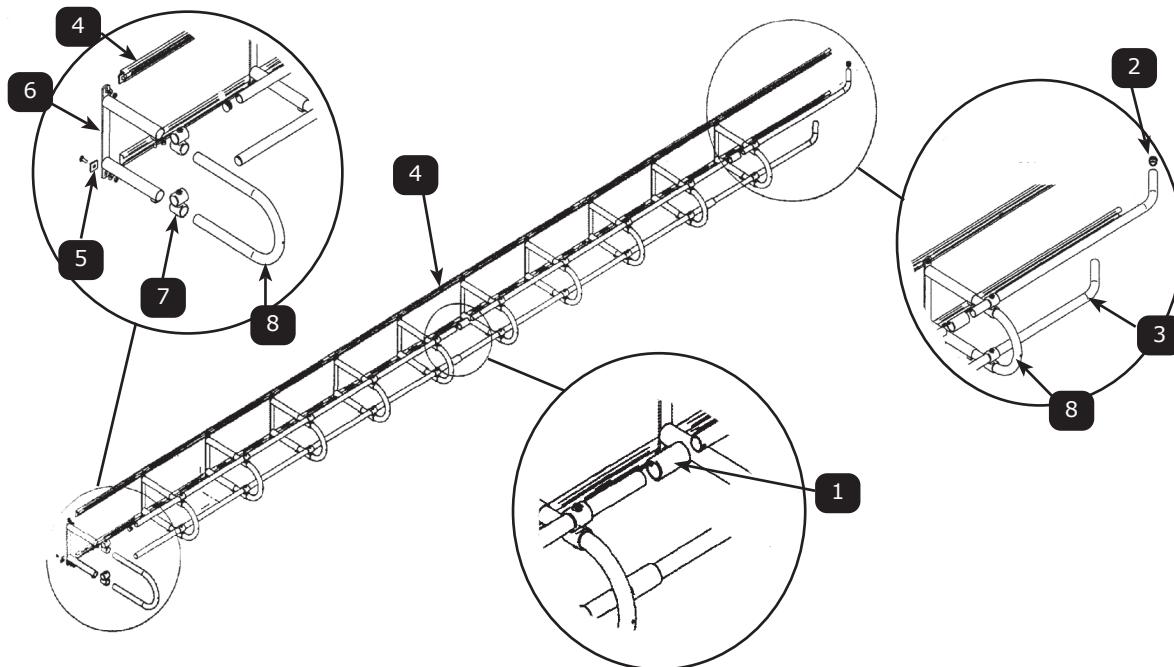
GT2™ Stationary Brisket Rails



| ITEM NO. | PART NO. n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | |
|-------------|------------------------------|------------------------------|-----------------------------------|------|------|------|------|------|------|------|
| | | | 2x3 | 2x4 | 2x5 | 2x6 | 2x7 | 2x8 | 2x10 | 2x12 |
| 8504970 | | Kit, Stationary Brisket Rail | 4970 | | | | | | | |
| 8504971 | | Kit, Stationary Brisket Rail | | 4971 | | | | | | |
| 8504802 | | Kit, Stationary Brisket Rail | | | 4802 | | | | | |
| 8504799 | | Kit, Stationary Brisket Rail | | | | 4799 | | | | |
| 8504972 | | Kit, Stationary Brisket Rail | | | | | 4972 | | | |
| 8504797 | | Kit, Stationary Brisket Rail | | | | | | 4797 | | |
| 8504787 | | Kit, Stationary Brisket Rail | | | | | | | 4787 | |
| 8504973 | | Kit, Stationary Brisket Rail | | | | | | | | 4973 |
| 1 | 8580228 | Support, Wall | 8 | 10 | 12 | 14 | 16 | 18 | 22 | 26 |
| 2 | 8580199 | Support, Adjustable | 8 | 10 | 12 | 14 | 16 | 18 | 22 | 26 |
| 3 | 8580177 | Cap, Tube, 33-42 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 4 | 8580201 | Sleeve, Tubular | 0 | 0 | 4 | 4 | 4 | 4 | 8 | 8 |
| 5 | 8580229 | Tube, Galv, 42MM x 3810MM | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 |
| | 8580230 | Tube, Galv, 42MM x 3048MM | 4 | 0 | 4 | 0 | 0 | 4 | 4 | 0 |
| | 8580231 | Tube, Galv, 42MM x 2285MM | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 |
| | 8580232 | Tube, Galv, 42MM x 1524MM | 0 | 0 | 4 | 4 | 0 | 0 | 4 | 0 |

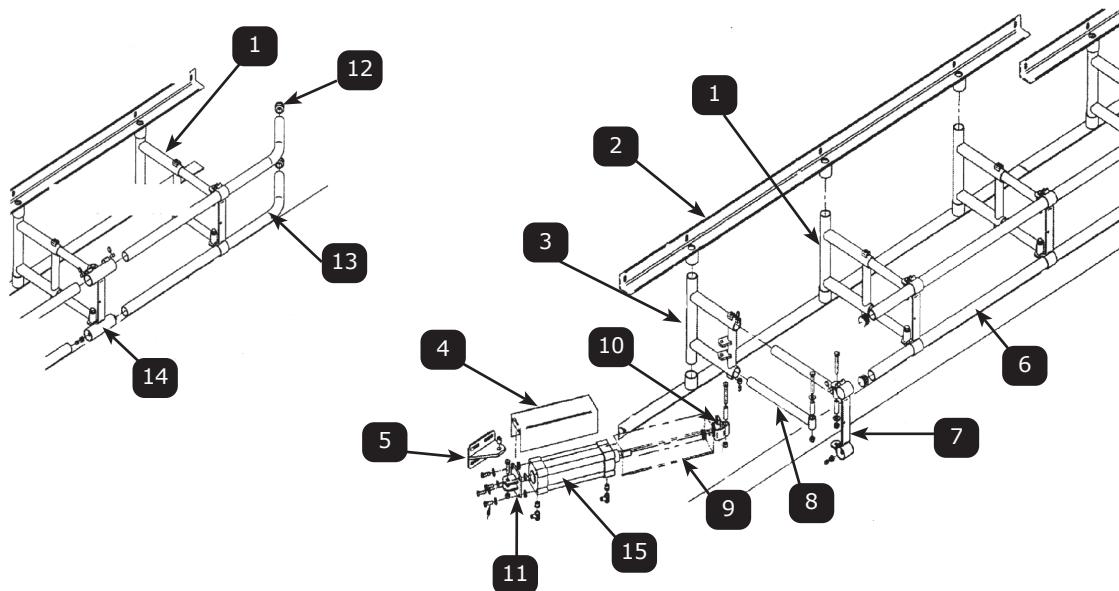
GT2™ Stationary with Positioning Brisket Rails

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 69 |
| EFFECTIVE: 1/18/10 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | | | | | | | | |
|------|----------|----------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| | | | 2x3 | 2x4 | 2x5 | 2x6 | 2x7 | 2x8 | 2x10 | 2x12 | 2x14 | 2x15 | 2x16 | 2x18 | 2x20 | 2x24 | 2x28 | | |
| | 8583035 | Kit, Stationary w/Dividers | 3035 | | | | | | | | | | | | | | | | |
| | 8583036 | Kit, Stationary w/Dividers | | 3036 | | | | | | | | | | | | | | | |
| | 8583037 | Kit, Stationary w/Dividers | | | 3037 | | | | | | | | | | | | | | |
| | 8583038 | Kit, Stationary w/Dividers | | | | 3038 | | | | | | | | | | | | | |
| | 8583039 | Kit, Stationary w/Dividers | | | | | 3039 | | | | | | | | | | | | |
| | 8583040 | Kit, Stationary w/Dividers | | | | | | 3040 | | | | | | | | | | | |
| | 8583041 | Kit, Stationary w/Dividers | | | | | | | 3041 | | | | | | | | | | |
| | 8583042 | Kit, Stationary w/Dividers | | | | | | | | 3042 | | | | | | | | | |
| | 8583043 | Kit, Stationary w/Dividers | | | | | | | | | 3043 | | | | | | | | |
| | 8583459 | Kit, Stationary w/Dividers | | | | | | | | | | 3459 | | | | | | | |
| | 8583044 | Kit, Stationary w/Dividers | | | | | | | | | | | 3044 | | | | | | |
| | 8583045 | Kit, Stationary w/Dividers | | | | | | | | | | | | 3045 | | | | | |
| | 8583046 | Kit, Stationary w/Dividers | | | | | | | | | | | | | 3046 | | | | |
| | 8583047 | Kit, Stationary w/Dividers | | | | | | | | | | | | | | 3047 | | | |
| | 8583048 | Kit, Stationary w/Dividers | | | | | | | | | | | | | | | 3048 | | |
| | 8583049 | Kit, Stationary w/Dividers | | | | | | | | | | | | | | | 3049 | | |
| | 8583050 | Kit, Stationary w/Dividers | | | | | | | | | | | | | | | 3050 | | |
| 1 | 8580201 | Sleeve, Tubular | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 5 |
| 2 | 8580177 | Tube, Cap, 33-42 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 3 | 8580239 | Rail, Brisket, Curved | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 4 | 8583180 | Adjust Rail Frt Rail | 4 | 5 | 6 | 7 | 8 | 9 | 11 | 13 | 15 | 16 | 17 | 19 | 21 | 26 | 30 | 34 | 38 |
| 5 | 8583181 | Square Nut 12 x 12 | 16 | 20 | 24 | 28 | 32 | 36 | 44 | 52 | 60 | 64 | 68 | 76 | 84 | 100 | 116 | 132 | 148 |
| 6 | 8580228 | Support, Wall | 8 | 10 | 12 | 14 | 16 | 18 | 22 | 26 | 30 | 32 | 34 | 38 | 42 | 50 | 58 | 66 | 74 |
| 7 | DKK4570 | Kee-Klamp Cross 42-42 | 16 | 20 | 24 | 28 | 32 | 36 | 44 | 52 | 60 | 64 | 68 | 76 | 84 | 100 | 116 | 132 | 148 |
| 8 | 8583183 | Adj Bracket Frt Rail | 8 | 10 | 12 | 14 | 16 | 18 | 22 | 26 | 30 | 32 | 34 | 38 | 42 | 50 | 58 | 66 | 74 |

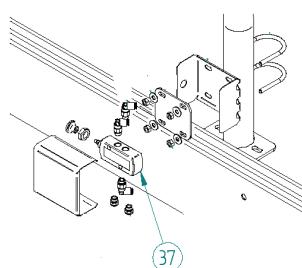
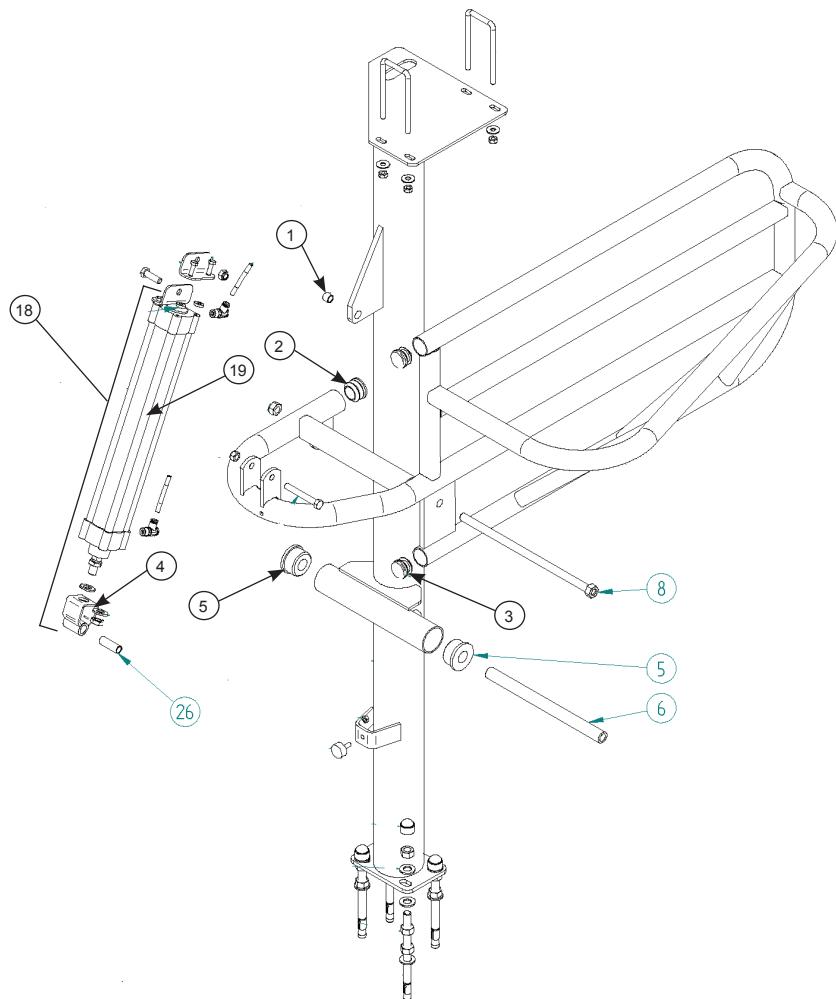
GT2™ Indexing Brisket Rails



| ITEM NO. | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | | | | | |
|-------------|-------------|-----------------------------|----------------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | | 2x3 | 2x4 | 2x5 | 2x6 | 2x7 | 2x8 | 2x10 | 2x12 | 2x14 | 2x15 | 2x16 | 2x18 | 2x20 | 2x24 |
| 8505338 | | | Kit, Indexing Brisket Rail | 5338 | | | | | | | | | | | | | |
| 8505339 | | | Kit, Indexing Brisket Rail | | 5339 | | | | | | | | | | | | |
| 8505340 | ⊗ | | Kit, Indexing Brisket Rail | | | 5340 | | | | | | | | | | | |
| 8585341 | | | Kit, Indexing Brisket Rail | | | | 5341 | | | | | | | | | | |
| 8505342 | | | Kit, Indexing Brisket Rail | | | | | 5342 | | | | | | | | | |
| 8505343 | | | Kit, Indexing Brisket Rail | | | | | | 5343 | | | | | | | | |
| 8584344 | | | Kit, Indexing Brisket Rail | | | | | | | 4344 | | | | | | | |
| 8584345 | | | Kit, Indexing Brisket Rail | | | | | | | | 4345 | | | | | | |
| 8583027 | | | Kit, Indexing Brisket Rail | | | | | | | | 3027 | | | | | | |
| 8583470 | ⊗ | | Kit, Indexing Brisket Rail | | | | | | | | | 3470 | | | | | |
| 8583028 | | | Kit, Indexing Brisket Rail | | | | | | | | | 3028 | | | | | |
| 8583029 | | | Kit, Indexing Brisket Rail | | | | | | | | | | 3029 | | | | |
| 8583030 | | | Kit, Indexing Brisket Rail | | | | | | | | | | | 3030 | | | |
| 8583031 | | | Kit, Indexing Brisket Rail | | | | | | | | | | | | 3031 | | |
| 8583032 | | | Kit, Indexing Brisket Rail | | | | | | | | | | | | 3032 | | |
| 8583033 | | | Kit, Indexing Brisket Rail | | | | | | | | | | | | | 3033 | |
| 8583034 | | | Kit, Indexing Brisket Rail | | | | | | | | | | | | | | 3034 |
| 1 | 8580235 | | Support, Wall, Indexing | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 28 | 30 | 32 | 34 | 38 | 46 |
| 2 | 8580234 | | Fixture, Wall, 3 Cow | 4 | 8 | 4 | 8 | 12 | 8 | 16 | 16 | 16 | 20 | 24 | 24 | 32 | 40 |
| 3 | 8580236 | | Support, Wall, Indexing Cylinder | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 |
| 4 | 8580243 | | Cover, Air Cylinder | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 |
| 5 | 8580240 | | Clevis,Cylinder, Indexing | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 |
| 6 | 8580245 | ⊗ | Tube, Galv, 42MM x 2311MM | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 8580246 | ⊗ | Tube, Galv, 42MM x 3073MM | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| | 8580247 | | Tube, Galv, 42MM x 3835MM | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8580248 | | Tube, Galv, 42MM x 4597MM | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| | 8580249 | | Tube, Galv, 42MM x 5359MM | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 4 | 8 | 4 | 0 | 8 | 8 | 12 |
| | 8580250 | ⊗ | Tube, Galv, 42MM x 6400MM | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 8 | 0 | 0 | 0 |
| 7 | 8580237 | | Support, Brisket Rail | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 28 | 30 | 32 | 34 | 38 | 46 |
| 8 | 8580217 | | Hinge, Gate, Adjustable | 20 | 24 | 28 | 32 | 36 | 40 | 48 | 56 | 64 | 68 | 72 | 80 | 88 | 104 |
| 9 | 8580244 | | Cover, Rod, Air Cyl | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 |
| 10 | 8580195 | | Rod End Clevis, Air Cylinder | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 |
| 11 | 8580241 | | Cylinder,Indexing, Fixed End | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 |
| 12 | 8580177 | | Cap, Tube, 33-42 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 13 | 8580239 | | Rail, Brisket, Curved | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 14 | 8580238 | | Conn, Brisket Rail | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 |
| 15 | 8582591 | | Cylinder,Double Act. | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 |

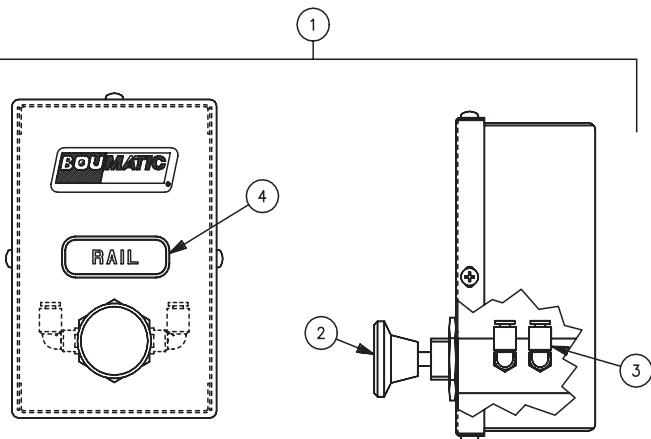
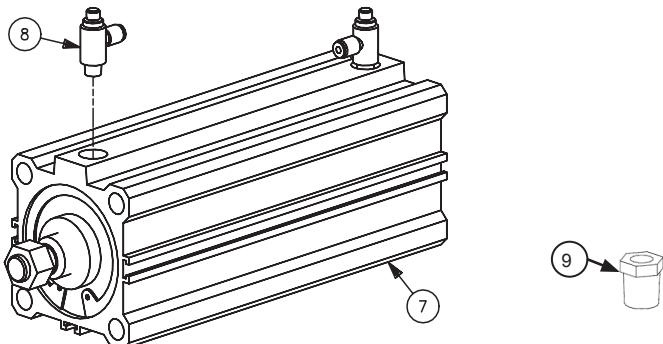
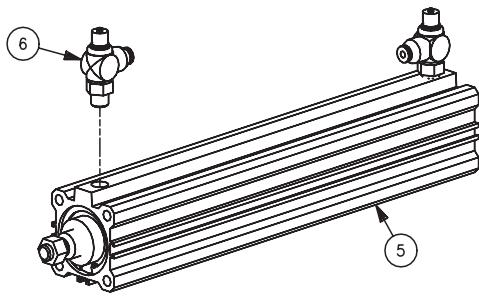
Knife Gate GT2™ Gate Assy

SECTION **PAGE**
F **71**
EFFECTIVE: **4/6/20**



| ITEM | PART NO. | ☒=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|------|----------|-----------------------------|--|---------------------------|
| - | ----- | | Knife Gate Assy, GT2 | - |
| 1 | 8582152 | | Cover, LG 15MM | 1 |
| 2 | 8504862 | | Plug, Plastic, Black 40 x 49 | 1 |
| 3 | 850177 | | Cap, Tube, 33-42 | 1 |
| 4 | 8580195 | | Clevis, Rod End, Air Cylinder | 1 |
| 5 | 8589261 | | Bearing "pdm" | 2 |
| 6 | 8589262 | | Spacer 25x4x324 Long | 1 |
| 8 | | | Pin M16x 365 | 1 |
| 18 | 8582163 | | CYLINDER,D63x400,PRE-MOUNTED | 1 |
| 19 | 8589260 | | Cylinder, Air, 63mm x 400mm | 1 |
| 20 | 8582164 | n/s | Kit, Cylinder Seals (compatible with item 19) | 1 |
| 26 | 8580491 | | Wear Ring 49mm | 1 |
| 37 | 8509072 | | Switch | 1 |

Slant-60 Parabone Stalls

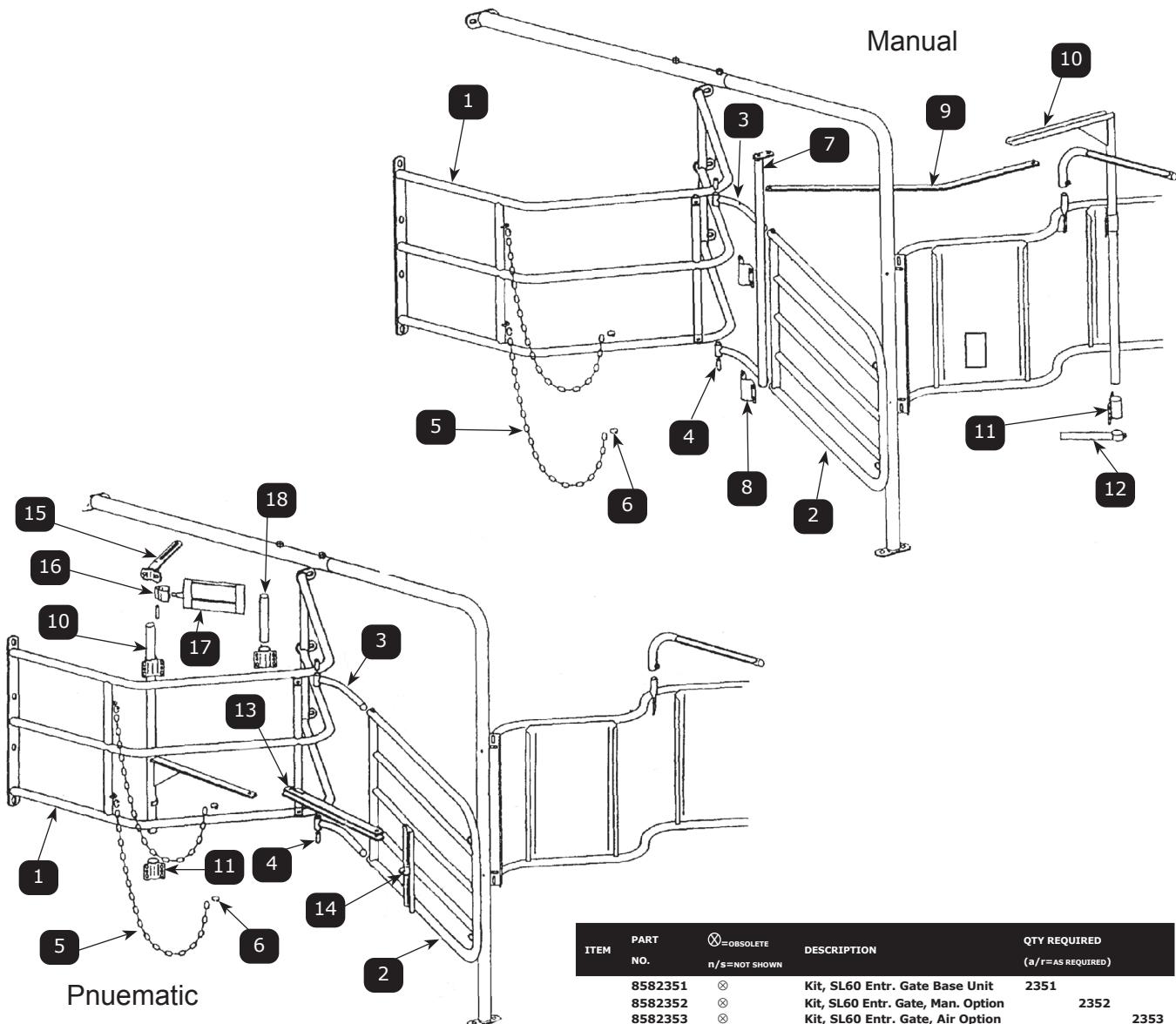


| ITEM | PART NO. | ⊗ = OBSOLETE n/s = NOT SHOWN | DESCRIPTION | QTY REQUIRED | |
|------|----------|---------------------------------|--|---------------------|-----|
| | | | | (a/r = AS REQUIRED) | |
| - | 8510249 | ⊗ | Kit, Gate Cylinder, Parabone | 249 | - |
| - | 8510234 | ⊗ | Kit, Index Cylinder, Parabone | - | 234 |
| 1 | 8518855 | | Control Assy, Remote, Rail/Gate (Includes items 2 thru 4) | 2 | 2 |
| 2 | 8507149 | | Valve, Air, 4-Way | 2 | 2 |
| 3 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 6 | 6 |
| 4 | 8507054 | | Label, Rail | - | 2 |
| | 8510243 | n/s | Label, Gate | 2 | - |
| 5 | 8510247 | | Cylinder, Air, 40mm x 250 mm | 2 | - |
| 6 | 3554444 | | Valve, Control, Flow, 1/8 NPT | 4 | - |
| 7 | 8510232 | | Cylinder, Air, 80mm x 200 mm | - | 2 |
| 8 | 8507135 | | Valve, Control, Flow, 1/4 NPT | - | 4 |
| 9 | 1401117 | | Bushing, Hex, Galv, 3/8 x 1/4 | - | 4 |
| 10 | 85102481 | n/s | Kit, Repair, Air Cyl, 40 x 250 | a/r | - |
| | 85102331 | ⊗ n/s | Kit, Repair, Air Cyl, 80 x 200 | - | a/r |

Note: 1. Cylinder repair kits not included with cylinder kits.

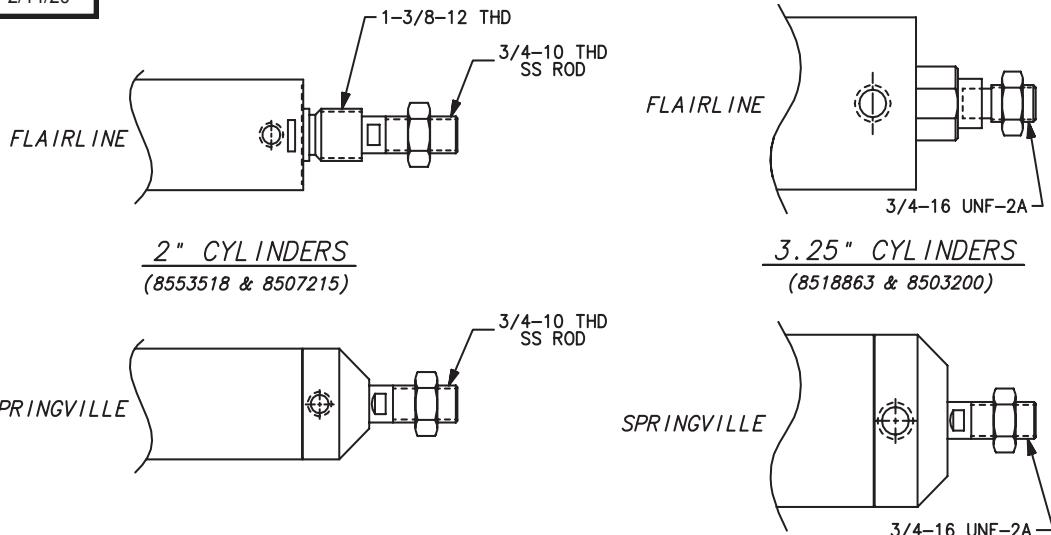
Slant-60 Entrance Gate Assembly

| | |
|------------------------|-------------------|
| SECTION F | PAGE 73 |
| EFFECTIVE: 12/16/09 | |



| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|--|----------|-----------------------------------|-----------------------------------|
| | 8582351 | Kit, SL60 Entr. Gate Base Unit | 2351 |
| | 8582352 | Kit, SL60 Entr. Gate, Man. Option | 2352 |
| | 8582353 | Kit, SL60 Entr. Gate, Air Option | 2353 |
| 1 | 8580221 | Support, Entr Gate, Slant-60 | 2 - - |
| 2 | 8580222 | Gate, Entrance, Slant-60 | 2 - - |
| 3 | 8580223 | Hinge Gate, Adjustable, Slant-60 | 4 - - |
| 4 | 8580191 | Bushing, Slant-60 | 4 - - 2 |
| 5 | 8580224 | Chain, 23 x 1M30, Slant-60 | 4 - - |
| 6 | 8580200 | Link, Quick, DM6, Slant-60 | 8 - - |
| 7 | 8580196 | Tube, Over Entrance Gate | - 2 - |
| 8 | 8580175 | Clamp, Tube, 33-42, Slant-60 | - 4 - |
| 9 | 8580225 | Bar, Control, Slant-60 | - 2 - |
| 10 | 8582188 | Tube, Control, Slant-60 | - 2 - |
| | 8580218 | Tube, Control, Slant-60 | - - 2 |
| 11 | 8580197 | Clamp, Pivot, Slant-60 | 4 - 2 |
| 12 | 8580226 | Handle, Control, Slant-60 | - 2 - |
| 13 | 8580219 | Arm, Double, Slant-60 | - - 2 |
| 14 | 8580192 | Bracket, Gate, Slant-60 | - - 2 |
| 15 | 8580227 | Arm, Link, Air Cylinder, Slant-60 | - - 2 |
| 16 | 8580195 | Clevis, Rod End, Air Cylinder | - - 2 |
| 17 | 8510247 | Cylinder, Air, 40mm x 250mm | - - 2 |
| 18 | 8580194 | Clevis, Fixed End, Air Cylinder | - - 2 |
| ----- | | | |
| Literature 9E-799 (Installation Instructions) | | | ref ref ref |

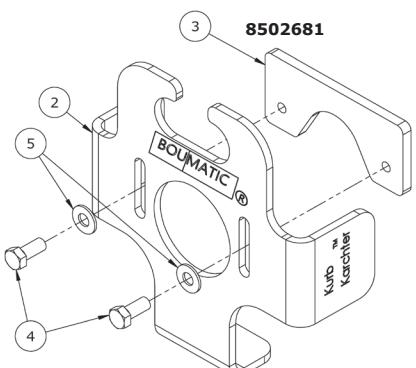
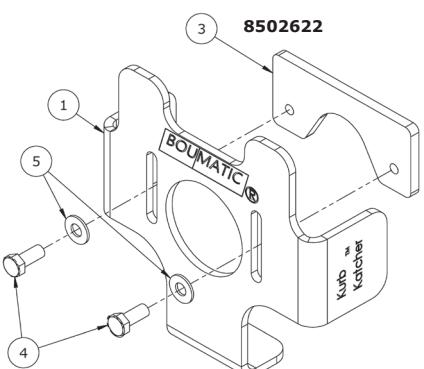
Air Cylinder Repair Kits



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | Kit per Cylinder Manufacturer (F= Flairline, S=Springville) |
|------|----------|-----------------------------|------------------------------------|--|
| --- | 8553518 | | Cylinder, Air, 2.00 x 8.00 | F S - - - - |
| --- | 8507215 | | Cylinder, Air, 2.00 x 12.00 | F S - - - - |
| --- | 8571035 | | Cylinder, Air, 3.25x 6.00 | - - F S - - |
| --- | 8507080 | | Cylinder, Air, 3.25x 12.00 | - - F S - - |
| --- | 8501727 | | Cylinder, Air, 4 x 2/4 x 18 Tandem | - - - - F S |
| --- | 8512889 | | Cylinder, Air, 5 x 2/5 x 18 Tandem | - - - - F S |
| 1 | 8553534 | | Kit, Repair, Air Cyl, 8.00, (F) | 1 - - - - |
| | 8503199 | | Kit, Repair, Air Cyl, 2.00, (S) | - 1 - - - |
| 2 | 8518863 | | Kit, Repair, Air Cyl, 3.25, (F) | - - 1 - - - |
| | 8503200 | | Kit, Repair, Air Cyl, 3.25, (S) | - - - 1 - - - |
| 3 | 8503201 | | Kit, Repair, Air Cyl, 4.00T, (S) | - - - - 1 - |
| 4 | 8513310 | | Kit, Repair, Air Cyl, 5.00T, (S) | - - - - - 1 |
| 5 | 8515465 | ⊗ n/s | Piston, 3.25 Bore, Air Cylinder | - - 1 - - - |
| 6 | 8516246 | ⊗ n/s | Clevis, Cylinder, Air, 3.25 Bore | - - 1 - - - |

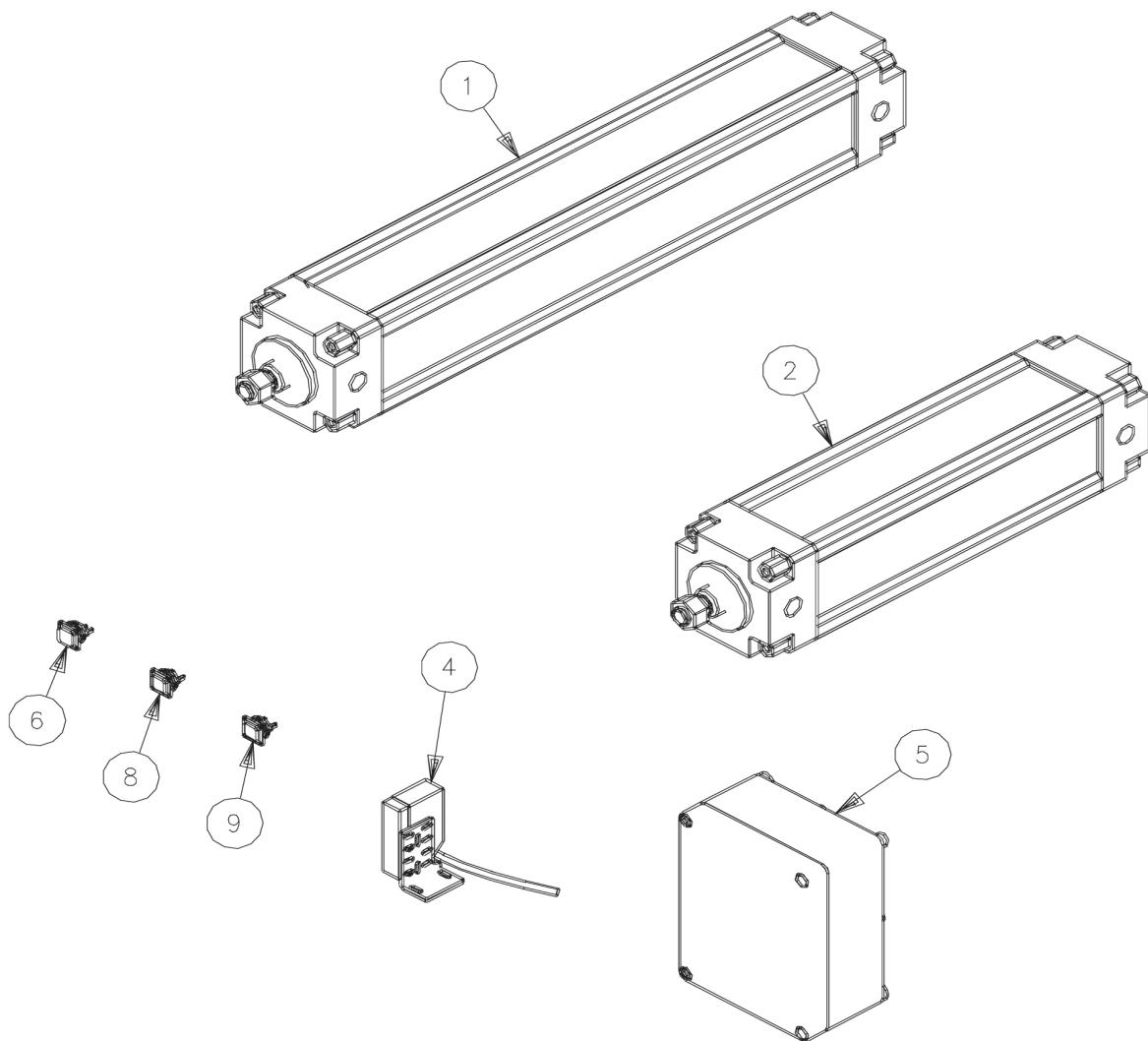
Hose Support Assemblies

| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|-------------------------------|-----------------------------------|
| - | 8500262 | | Support Assy, Hose | 2622 - |
| - | 8502681 | | Support Assy, Hose & Air Line | - 2681 |
| 1 | 8501498 | | Plate, Hose Support, Formed | 1 - |
| 2 | 8502680 | | Plate, Hose Support, Formed | - 1 |
| 3 | 8501499 | | Retainer Assy, Hose Support | 1 1 |
| 4 | 1011179 | | Mscr, Hxwh, SEMS, 8-32 x 3/8 | 2 2 |
| | 1081179 | | MSCR,HXWH,SS 18-8,8-32 X 3/8 | 2 2 |
| | 1094179 | | MSCR,HXH,SS,8-32 X 3/8 | 2 2 |
| 5 | 1208383 | | MSCR,HXH,SS,8-32 X 3/8 | 2 2 |



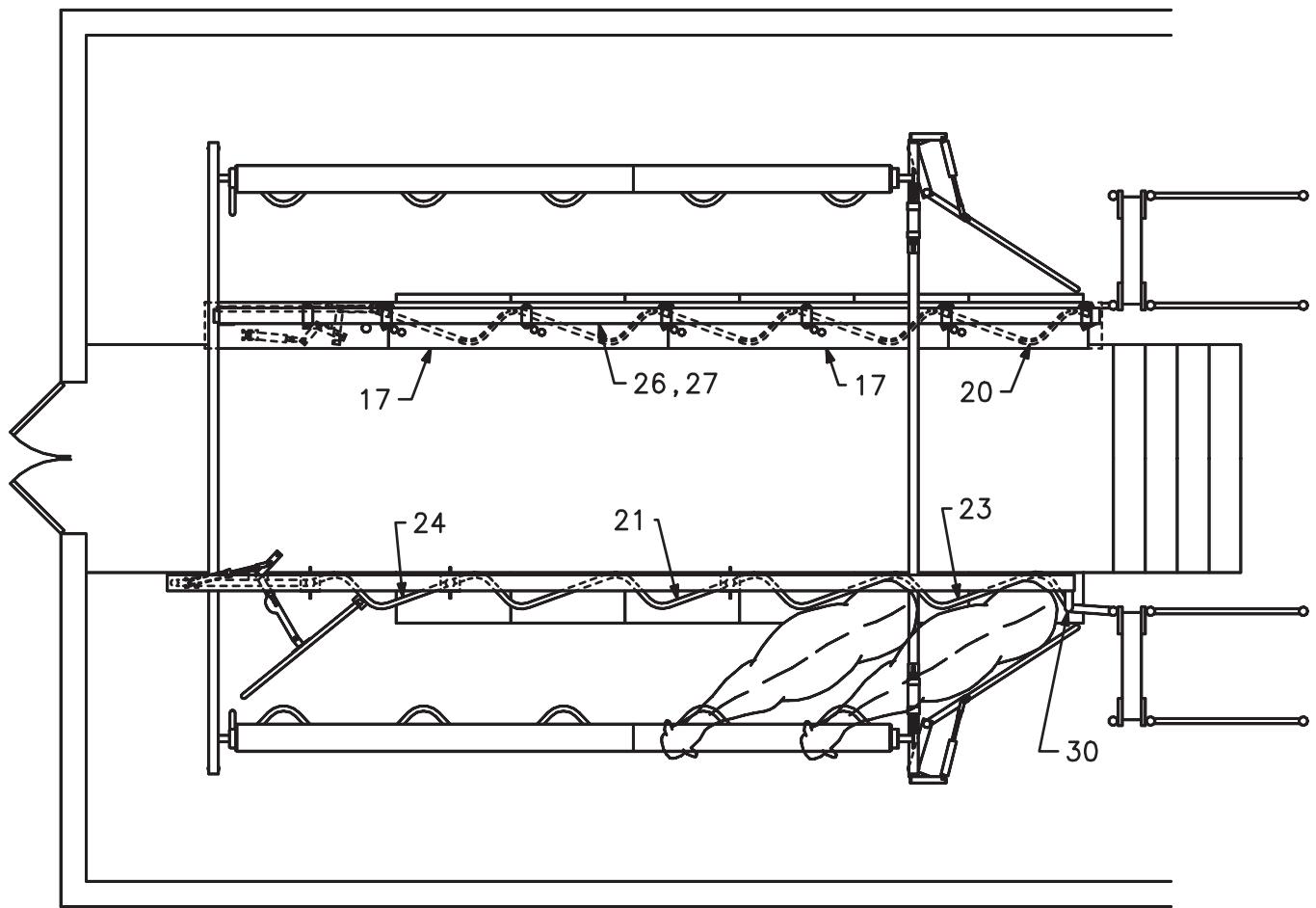
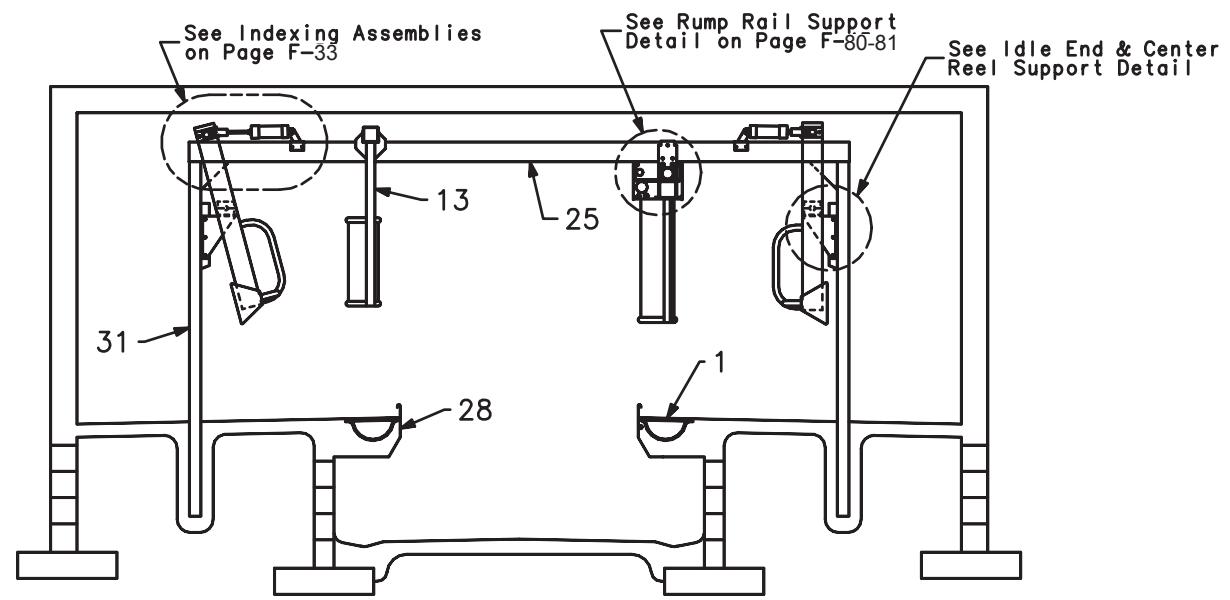
Auto-Tandem Stalls

| | |
|----------------------|-------------------|
| SECTION F | PAGE 75 |
| EFFECTIVE: 7/7/09 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|-----------------------------|-----------------------------------|
| - | --- | | Auto-Tandem Stalls | - |
| 1 | 8505157 | ⊗ | Cylinder, Gate, Tandem | a/r |
| 2 | 8507585 | ⊗ | Cylinder, Main Gate, Tandem | a/r |
| 3 | 8508482 | ⊗ n/s | Kit, .63 Seals, Cylinder | a/r |
| 4 | 8507588 | ⊗ | Photo-electr Cell, Tandem | a/r |
| 5 | 3557742 | ⊗ | Control, ID, Auto-Tandem | a/r |
| 6 | 8508483 | | Button, Push, Black, Tandem | a/r |
| 7 | 3557740 | n/s | PWB Assy, ATV4, Auto-Tandem | a/r |
| 8 | 8508484 | ⊗ | LED, Red, Tandem | a/r |
| 9 | 8508485 | ⊗ | LED, Orange, Tandem | a/r |
| 10 | 8509376 | ⊗ n/s | Valve, solenoid, Mini, 24V | a/r |

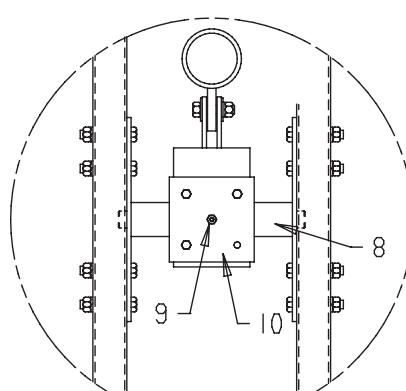
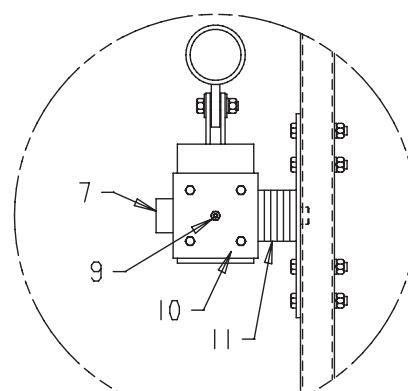
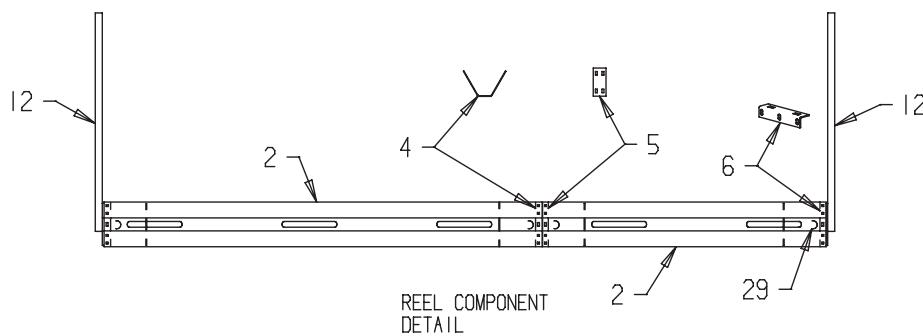
FastLane II Stalls



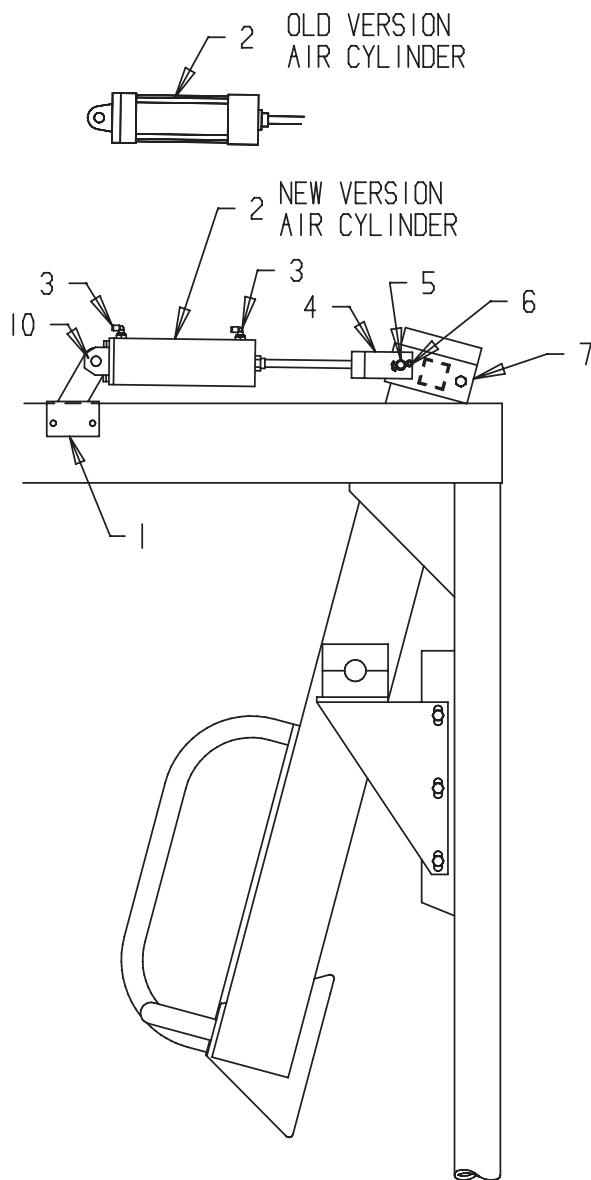
FastLane II Stalls

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 77 |
| EFFECTIVE: 11/1/02 | |

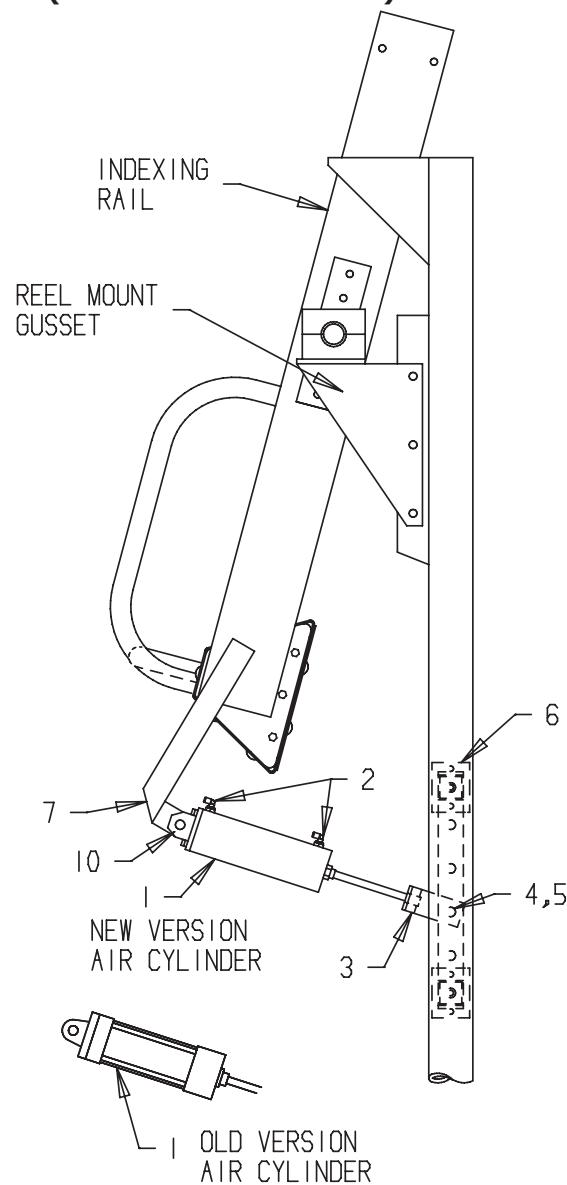
| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | NO. REQD PER PARLOR SIDE | | | | | | | | | | | | | |
|------|-------------------------------------|-----------------------------|---|---------------------------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | Number of stalls per side | | | | | | | | | | | | | |
| --- | Stall, FastLane II, Herringbone | 4 - | 5 - | 6 - | 8 - | 9 - | 10 - | 12 - | | | | | | | | | |
| --- | Stall, FastLane II, GX, Herringbone | - 4 | - 5 | - 6 | - 8 | - 9 | - 10 | - 12 | | | | | | | | | |
| 1 | 8553112 | ⊗ | Grate, Steel, 16 x 36 In, Galv | 10 | 10 | 12 | 12 | 14 | 14 | 20 | 20 | 22 | 22 | 24 | 24 | 30 | 30 |
| 2 | 8570785 | ⊗ | Brisket, Beam, 2 Cow, 44 In, 4 Hle | 4 | 4 | 2 | 2 | - | - | 8 | 8 | 6 | 6 | 4 | 4 | 12 | 12 |
| | 8570784 | ⊗ | Brisket, Beam, 3 Cow, 44 In, 4 Hle | - | - | 2 | 2 | 4 | 4 | - | - | 2 | 2 | 4 | 4 | - | - |
| 3 | 8518609 | ⊗ | Brisket, Beam, 3 Cow, 44 In, 2 Hle n/s | - | - | - | - | or 4 | or 4 | - | - | - | - | - | - | - | - |
| 4 | 8570788 | ⊗ | Plate, Conn, Brisket, Front | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 |
| 5 | 8570789 | ⊗ | Plate, Conn, Brisket, Rear | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 |
| 6 | 8570790 | ⊗ | Angle, Reel, Support | 4 | 4 | 4 | 4 | 4 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 12 | 12 |
| 7 | 8570940 | | Shaft, Reel, Idle, Xpressway | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 8 | 8570941 | | Shaft, Reel, 10 In, Xpressway | - | - | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 |
| 9 | 8590255 | | Fitting, Grease, 1/8 NPT | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 |
| 10 | 8590254 | | Bearing, Reel, 5 x 2 x 2 In Set | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 |
| 11 | 8590144 | | Wshr, Polye, 2.12 x 3.00 x .25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 12 | 8590406 | ⊗ | Support Assy, Reel End, LH, FI II | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 |
| | 8590407 | ⊗ | Support Assy, Reel End, LH, FI II | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 |
| 13 | 8517797 | ⊗ | Suspender Assy, GX Stalls | - | 4 | - | 6 | - | 6 | - | 8 | - | 10 | - | 10 | - | 12 |
| 14 | 8590403 | | Control Assy, Indexing Rail (Parts on page F-53) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 15 | 8590402 | | Box Assy, Remote Deluxe (Parts on page F-54) | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 16 | 8590138 | ⊗ | Bracket, Mtg, Control Box (Parts on page F-59) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 17 | 8553555 | ⊗ | Rail Assy, Rump, RH, SS | 2 | - | 2 | - | 3 | - | 4 | - | 4 | - | 5 | - | 6 | - |
| 18 | 8553559 | ⊗ | Rail Assy, Rump, LH, SS n/s | 2 | - | 2 | - | 3 | - | 4 | - | 4 | - | 5 | - | 6 | - |
| 19 | 8590408 | ⊗ | Rail Assy, Rump, LH, SS, 1 Cow n/s | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - |
| 20 | 8590409 | ⊗ | Rail Assy, Rump, RH, SS, 1 Cow | - | - | 1 | - | - | - | - | - | 1 | - | - | - | - | - |
| 21 | 8552100 | ⊗ | Rail Assy, Rump, Center | - | - | - | 2 | - | 2 | - | 4 | - | 6 | - | 6 | - | 8 |
| 22 | 8552102 | ⊗ | Rail Assy, Rump, Exit | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 |
| 23 | 8552110 | ⊗ | Rail Assy, Rump, Entrance | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 |
| 24 | 8552345 | ⊗ | Rail Assy, Rump, Odd-Stall | - | - | - | 2 | - | - | - | - | - | - | - | - | - | - |
| 25 | 0696651 | | Tube, Rect, 6.00 x 3.00 x .188 x 20.0 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
| 26 | 0697000 | | Tube, Sq, Galv, 5.00 x .188 x 20 Ft | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 |
| 27 | 0697001 | ⊗ | Tube, Sq, Galv, 5.00 x .188 x 10 Ft | - | - | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 | - | - |
| 28 | 8516813 | ⊗ | Curb, SS, 16.0 x 10 Ft | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 |
| | 8571068 | ⊗ | Curb Assy, Galv, 10 Ft | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 |
| 29 | 8570782 | ⊗ | Plug, Int, Plstc, 4.00 | 8 | 8 | 8 | 8 | 8 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 24 | 24 |
| 30 | 8517656 | ⊗ | Pipe, B1, 2.00 Sch40 x 75.14 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 | - | 2 |
| 31 | 8570936 | ⊗ | Support Assy, Reel, Xpressway | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 |
| 32 | --- | | Literature 9E-656 (Installation & Operation instructions) | ref | ref | ref | ref | ref | ref | ref | ref | ref | ref | ref | ref | ref | ref |



FastLane II
Rail Indexing Assembly
(Complete Parlor)



FastLane II
Rail Indexing Assembly
(Front End Conversion)



| ITEM | PART NO. | DESCRIPTION | NO. REQ. PER PARLOR SIZE |
|--------------|----------------------|---|--------------------------|
| ----- | | | |
| 1 | 8553540 | Clevis Assy, Crowd Cyl | 2 2 4 |
| 2 | 8571035 | Cylinder, Air, 3.25 x 6.00 (Includes items 9 & 10) | 2 2 4 |
| 3 | 8507015 | Conn, Swl, Elb, 5/32 OD X 1/4 NPT | 4 4 8 |
| 4 | 8507061 | Clevis Assy, Cylinder, SS | 2 2 4 |
| 5 | 8507087 | Pin, Clevis, .75 x 2.75 | 2 2 4 |
| 6 | 1210415 | Pin, Cotter, SS, 1/8 x 1-1/2 | 2 2 4 |
| 7 | 8590404 | Mount Assy, Index Cyl, Rod End | 2 4 8 |
| 8 | 8518846 ¹ | Kit, Repair, Air Cylinder, 3.25 | a/r a/r a/r |
| 9 | 8515465 | n/s | 4 4 4 |
| 10 | 8516246 ² | n/s | 2 2 4 |

Note:

1.Use ONLY with old version Air Cylinders.

2.Use ONLY with new version Air Cylinders.

3.See page F-74 for cylinder repair kits.

| ITEM | PART NO. | DESCRIPTION | NO. REQ. PER PARLOR SIZE |
|--------------|----------------------|---|--------------------------|
| ----- | | | |
| 1 | 8571035 | Rail Indexing Assy | 2 4 |
| 2 | 8507015 | Cylinder, Air, 3.25 x 6.00 (Includes items 9 & 10) | 4 8 |
| 3 | 8507061 | Conn, Swl, Elb, 5/32 OD X 1/4 NPT | 2 4 |
| 4 | 8507087 | Clevis Assy, Cylinder, SS | 2 4 |
| 5 | 1210415 | Pin, Clevis, .75 x 2.75 | 2 4 |
| 6 | 8590454 | Pin, Cotter, SS, 1/8 x 1-1/2 | 2 4 |
| 7 | 8590455 | Mount Assy, Index Cyl, Rod End | 2 4 |
| 8 | 8518846 ¹ | Mount Assy, Index Cyl, Cvrns | 2 4 |
| 9 | 8515465 | Kit, Repair, Air Cylinder, 3.25 | a/r a/r |
| 10 | 8516246 ² | Piston, 3.25 Bore, air Cyl | 2 4 |

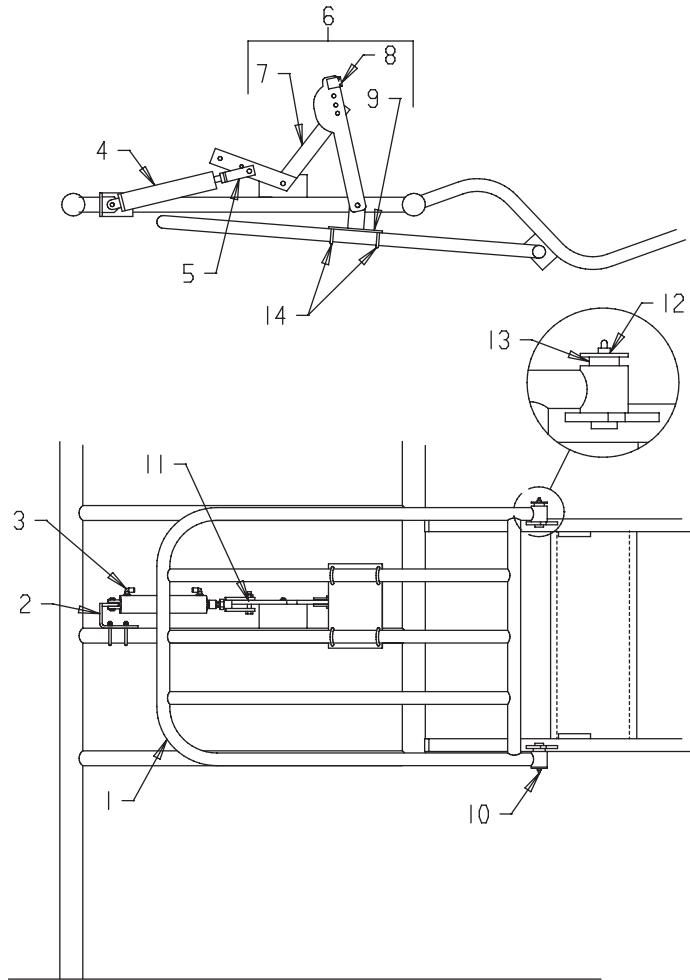
Note:

1.Use ONLY with old version Air Cylinders.

2.Use ONLY with new version Air Cylinders.

3.See page F-74 for cylinder repair kits.

GX Stall Exit Gate

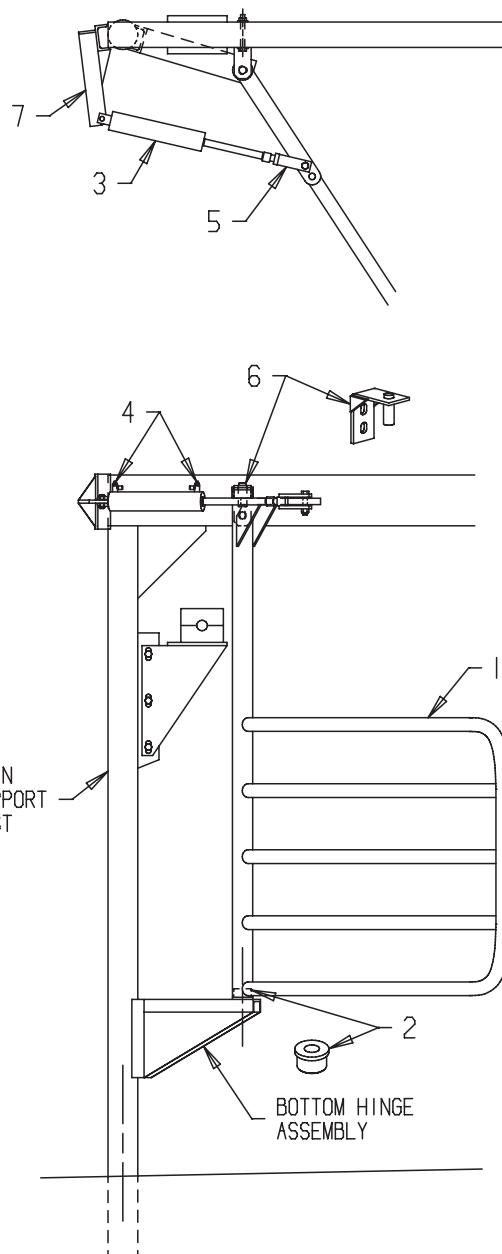


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | NO. REQ. PER PARLOR SIDE |
|----------------------------|----------------------|-----------------------------|--|-----------------------------------|
| Exit Gate, GX Stall | | | | |
| 1 | 8552164 | ⊗ | Gate Assy, 48.00 | 1 |
| 2 | 8552272 | | Bracket, Mtg, Cylinder | 1 |
| 3 | 8507015 | | Conn, Swl, Elb, 5/32 OD x 1/4 NPT | 2 |
| 4 | 8553518 ¹ | | Cylinder, Air, 2.00 x 8.00 | 1 |
| 5 | 8552446 | | Clevis Assy, Rod | 1 |
| 6 | 8517621 | ⊗ | Linkage Assy, Exit Gate, GX (Includes items 7 thru 9) | 1 |
| 7 | 8553047 | | Pivot Assy | 1 |
| 8 | 8507150 | | Clevis Assy, Breast Rail | 1 |
| 9 | 8553129 | | Clevis, Plate Assy | 1 |
| 10 | 3552192 | | Fitting, Grease, 1/4-28 | 2 |
| 11 | 8553051 | | Bearing, Slv, 1/2 x 9/16 x 7/16 | 1 |
| 12 | 8552107 | | Pin Assy, Pivot | 2 |
| 13 | 8506992 | | Wsh, Acetal, 1.31 x 2.00 x .12 | 2 |
| 14 | 8560011 | | U-Bolt, ZP, 5/16 18 x 2 In | 6 |
| 15 | 8553534 | n/s | Kit, Repair, Air Cylinder, 8.00 | a/r |

Note:

1. See page F-74 for cylinder repair kits.

FastLane II Entrance Gate

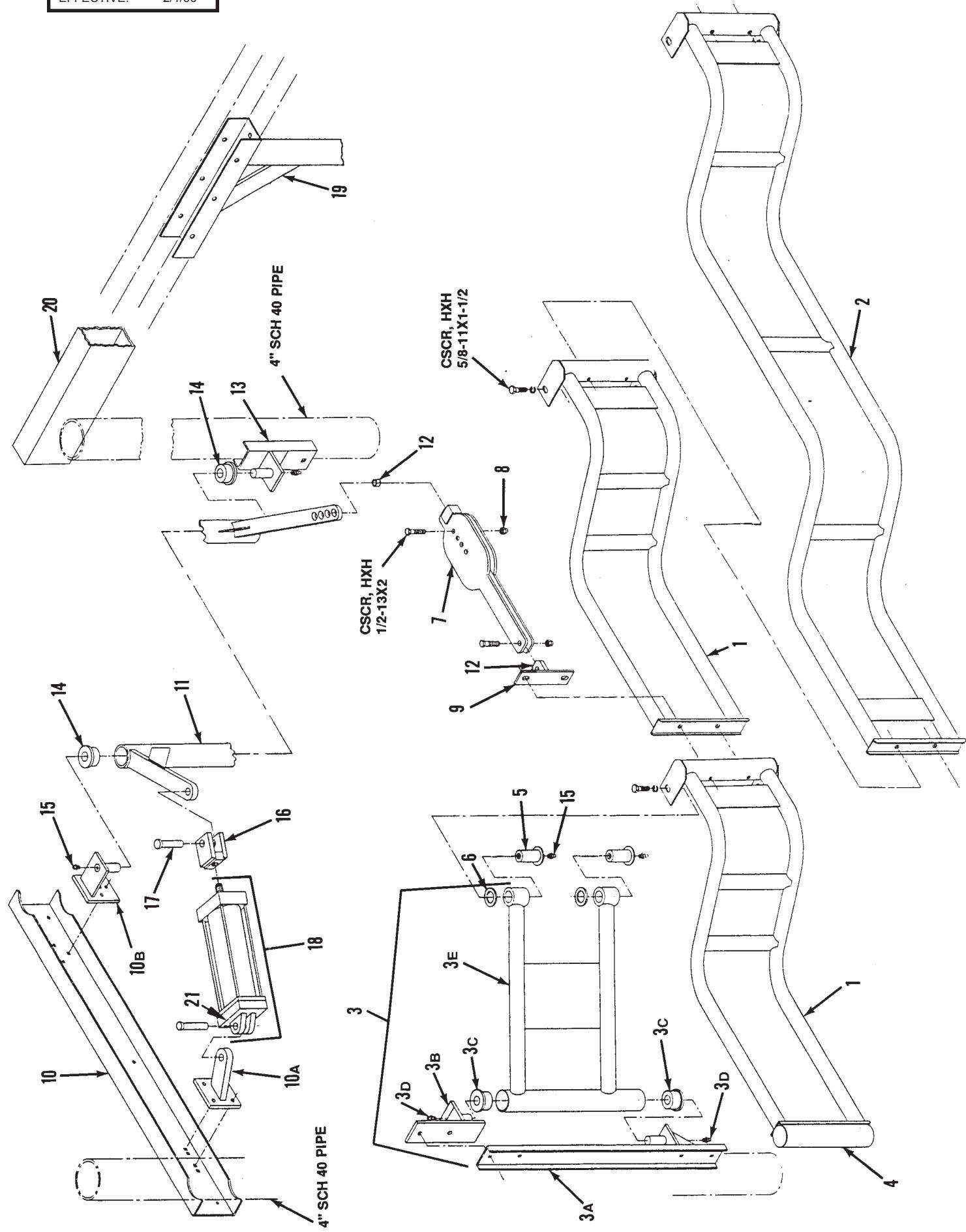


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | NO. REQ. PER PARLOR SIDE |
|--|----------------------|-----------------------------|--------------------------------------|-----------------------------------|
| Entrance Gate, FastLane II Stalls | | | | |
| 1 | 8507192 | | Gate Assy, 57.00, Sorting | 1 |
| 2 | 8506959 | | Bushing, Flanged, 1.06 x 2.06 | 2 |
| 3 | 8553518 ¹ | | Cylinder, Air, 2.00 x 8.00 | 1 |
| 4 | 8507135 | | Valve, Control, Flow, 1/4 NPT x 5/32 | 2 |
| 5 | 8552446 | | Clevis Assy, Rod | 1 |
| 6 | 8590300 | ⊗ | Hinge Assy, Exit Gate, Bot, Xway | 1 |
| 7 | 8571088 | ⊗ | Mount Assy, Cylinder, Entr Gate | 1 |
| 8 | 8553534 | n/s | Kit, Repair, Air Cylinder, 8.00 | a/r |

Note:

1. See page F-74 for cylinder repair kits.

FastLane Stalls



FastLane Stalls

| | |
|----------------------|-------------------|
| SECTION F | PAGE 81 |
| EFFECTIVE: 7/3/18 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | NO. REQ. PER PARLOR SIDE | | | | | | |
|------|----------------------|-----------------------------|--|---------------------------|-------|-------|-------|-------|-------|----|
| | | | | Number of stalls per side | | | | | | |
| --- | --- | --- | Block Wall, Wide (62-65") | 4/- | 5/- | 6/- | 8/- | 9/- | 10/- | 12 |
| --- | --- | --- | Block Wall, Narrow (52-62") | -/4 | -/5 | -/6 | -/8 | -/9 | -/10 | |
| 1 | 8507133 | ⊗ | Rail Assy, Breast, Single | 2/2 | 3/3 | 2/2 | 2/2 | 3/- | 2/2 | 2 |
| 2 | 8506945 | ⊗ | Rail Assy, Breast, Double | 1/1 | 1/1 | 2/2 | 3/3 | 3/- | 4/4 | 5 |
| 3 | 8507076 | | Pivot Arm Assy | 3/- | 4/- | 4/- | 5/- | 6/- | 6/- | 7 |
| | 8507155 | ⊗ | Pivot Arm Assy, 17 In (Each includes items 3a thru 3e) | -/3 | -/4 | -/4 | -/5 | -/- | -/6 | - |
| 3a | 8507075 | | Hinge Assy, Bottom, Pivot Arm | 3/- | 4/- | 4/- | 5/- | 6/- | 6/- | 7 |
| | 8507160 | ⊗ | Hinge Assy, Bottom, Pivot Arm, BW | -/3 | -/4 | -/4 | -/5 | -/- | -/6 | - |
| 3b | 8506951 | ⊗ | Hinge Assy, Top | 3/3 | 4/4 | 4/4 | 5/5 | 6/- | 6/6 | 7 |
| 3c | 8506959 ³ | | Bushing, Flanged, 1.06 x 2.06 | 6/6 | 8/8 | 8/8 | 10/10 | 12/- | 12/12 | 14 |
| 3d | 3552192 ³ | | Fitting, Grease, 1/4-28 | 6/6 | 8/8 | 8/8 | 10/10 | 12/- | 12/12 | 14 |
| 3e | 8506960 | | Pivot Assy | 3/- | 4/- | 4/- | 5/- | 6/- | 6/- | 7 |
| | 8507156 | ⊗ | Pivot Assy, 17 In | -/3 | -/4 | -/4 | -/5 | -/- | -/6 | - |
| 4 | 8506973 | | Pipe End Assy | 1/1 | 1/1 | 1/1 | 1/1 | 1/- | 1/1 | 1 |
| 5 | 8552107 | | Pin Assy, Pivot | 6/6 | 8/8 | 8/8 | 10/10 | 12/- | 12/12 | 14 |
| 6 | 8506992 | | Wshr, Acetal, 1.31 x 2.00 x .12 | 6/6 | 8/8 | 8/8 | 10/10 | 12/- | 12/12 | 14 |
| 7 | 8507073 | ⊗ | Clevis Assy, Breast Rail (shown) | 1/- | 1/- | 1/- | 1/- | 1/- | 1/- | 1 |
| | 8507150 | | Clevis Assy, Breast Rail | -/1 | -/1 | -/1 | -/1 | -/- | -/1 | - |
| 8 | 1280356 | | Nut, Lock, Elas, 1/2-13 ZP | 2/- | 2/- | 2/- | 2/- | 2/- | 2/- | 2 |
| 9 | 8507132 | ⊗ | Pivot Assy, Breast Rail | 1/1 | 1/1 | 1/1 | 1/1 | 1/- | 1/1 | 1 |
| 10 | 8507134 | | Mount Assy, Air Cylinder (shown) (Includes items 10a & 10b) | 1/- | 1/- | 1/- | 1/- | 1/- | 1/- | 1 |
| | 8507159 | ⊗ | Mount Assy, Air Cylinder | -/1 | -/1 | -/1 | -/1 | -/- | -/1 | 1 |
| 10a | 8507129 | | Pivot Assy, Air Cylinder | 1/- | 1/- | 1/- | 1/- | 1/- | 1/- | 1 |
| 10b | 8507124 | ⊗ | Hinge Assy, Top (shown) | 1/- | 1/- | 1/- | 1/- | 1/- | 1/- | 1 |
| | 8507165 | ⊗ | Hinge Assy, Top, BW | -/1 | -/1 | -/1 | -/1 | -/- | -/1 | - |
| 11 | 8507068 | | Pivot Assy, RH (shown) | 1/- | 1/- | 1/- | 1/- | 1/- | 1/- | 1 |
| | 8507152 | | Pivot Assy, RH | -/1 | -/1 | -/1 | -/1 | -/- | -/1 | - |
| | 8507067 | | Pivot Assy, LH | 1/- | 1/- | 1/- | 1/- | 1/- | 1/- | 1 |
| | 8507151 | ⊗ | Pivot Assy, LH | -/1 | -/1 | -/1 | -/1 | -/- | -/1 | - |
| 12 | 8553051 | | Bearing, Slv, 1/2 x 9/16 x 7/16 | 2/2 | 2/2 | 2/2 | 2/2 | 2/- | 2/2 | 2 |
| 13 | 8506952 | | Hinge Assy, Bottom (shown) | 1/- | 1/- | 1/- | 1/- | 1/- | 1/- | 1 |
| | 8507162 | ⊗ | Hinge Assy, Bottom, BW | -/1 | -/1 | -/1 | -/1 | -/- | -/1 | - |
| 14 | 8506959 ³ | | Bushing, Flanged, 1.06 x 2.06 | 2/2 | 2/2 | 2/2 | 2/2 | 2/- | 2/2 | 2 |
| 15 | 3552192 ³ | | Fitting, Grease, 1/4-28 | 8/8 | 10/10 | 10/10 | 12/12 | 14/- | 14/14 | 16 |
| 16 | 8507061 | | Clevis Assy, Cylinder, SS | 1/1 | 1/1 | 1/1 | 1/1 | 1/- | 1/1 | 1 |
| 17 | 8507087 | | Pin, Clevis, .75 x 2.75 | 1/1 | 1/1 | 1/1 | 1/1 | 1/- | 1/1 | 1 |
| 18 | 8507080 | | Cylinder, Air, 3.25 x 12.00 (Includes Clevis Pin & items 21 & 22) | 1/1 | 1/1 | 1/1 | 1/1 | 1/- | 1/1 | 1 |
| 19 | 8507104 ¹ | n/s | Hanger, Rump Rail | 3/3 | 4/4 | 4/4 | 5/5 | 6/- | 6/6 | 7 |
| | 8507114 ¹ | n/s | Hanger, Rump Rail, Cross Tie, Exit | 1/1 | 1/1 | 1/1 | 1/1 | 1/- | 1/1 | 1 |
| 20 | 0696651 | | Tube, Rect, 6.00 x 3.00 x .188 x 20.0 | ar/ar | ar/ar | ar/ar | ar/ar | ar/ar | ar/ar | ar |
| 21 | 8516246 | ⊗ | Clevis, Cylinder, Air, 3.25 Bore | 1/1 | 1/1 | 1/1 | 1/1 | 1/- | 1/1 | 1 |
| 22 | 8515465 | ⊗ n/s | Piston, 3.25 Bore, Air Cyl | 1/1 | 1/1 | 1/1 | 1/1 | 1/- | 1/1 | 1 |

Note:

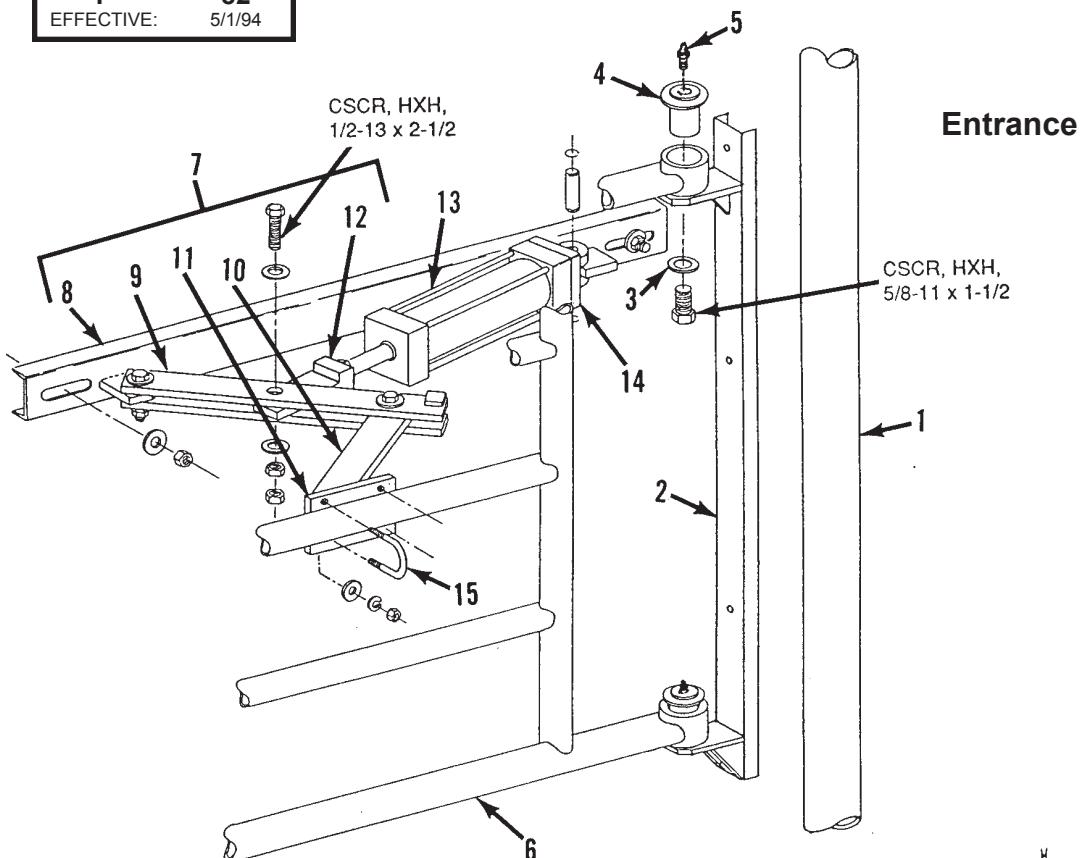
1.Used ONLY with Crosstie Stalls.

2.See page F-42 for retrofit kits that include parts for wider entrance and exit gates and arches.

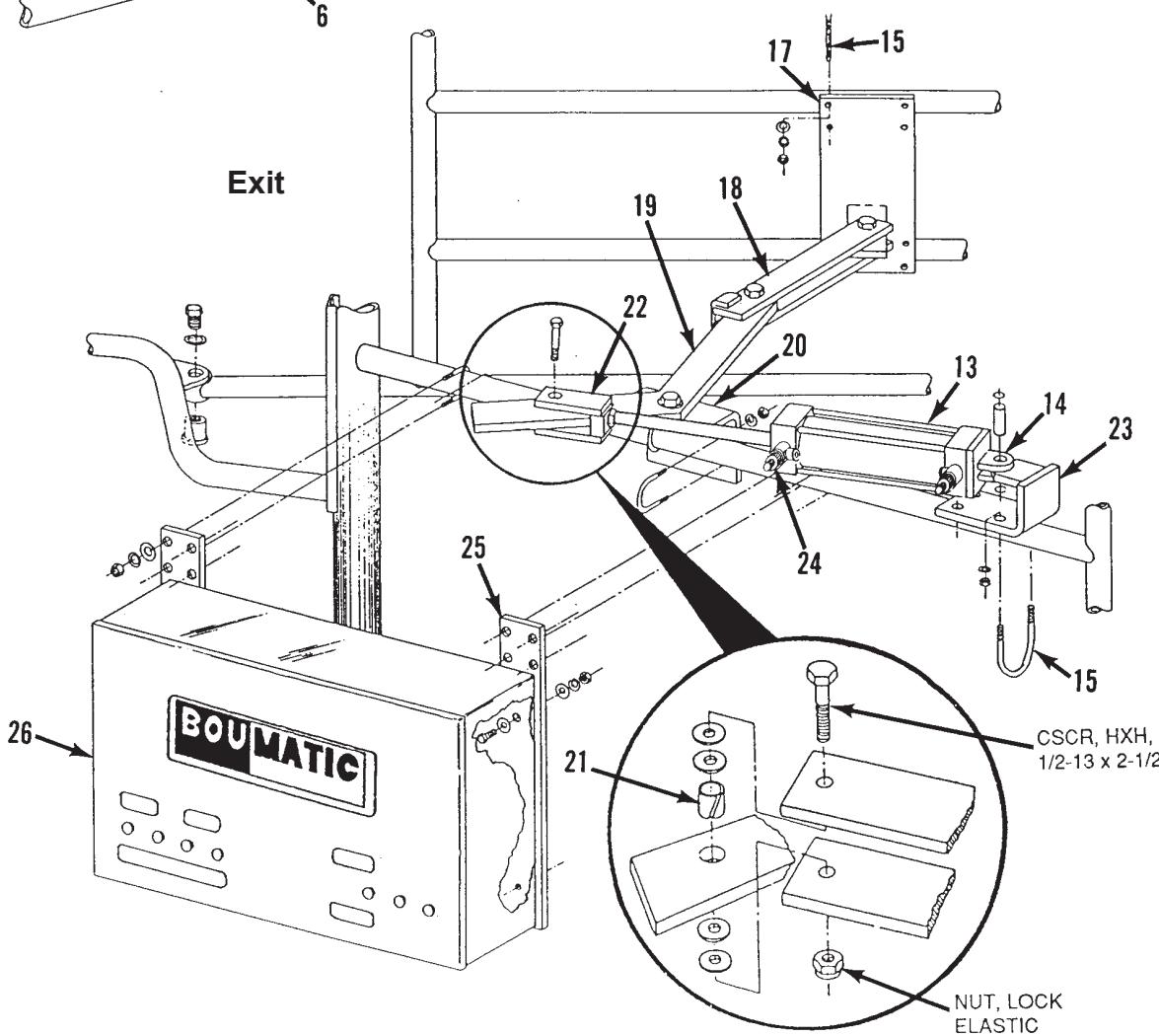
3.Parts listed under more than one item number.

4.See page F-74 for cylinder repair kits.

FastLane Entrance & Exit Gates



Exit



Fast Lane Entrance & Exit Gates

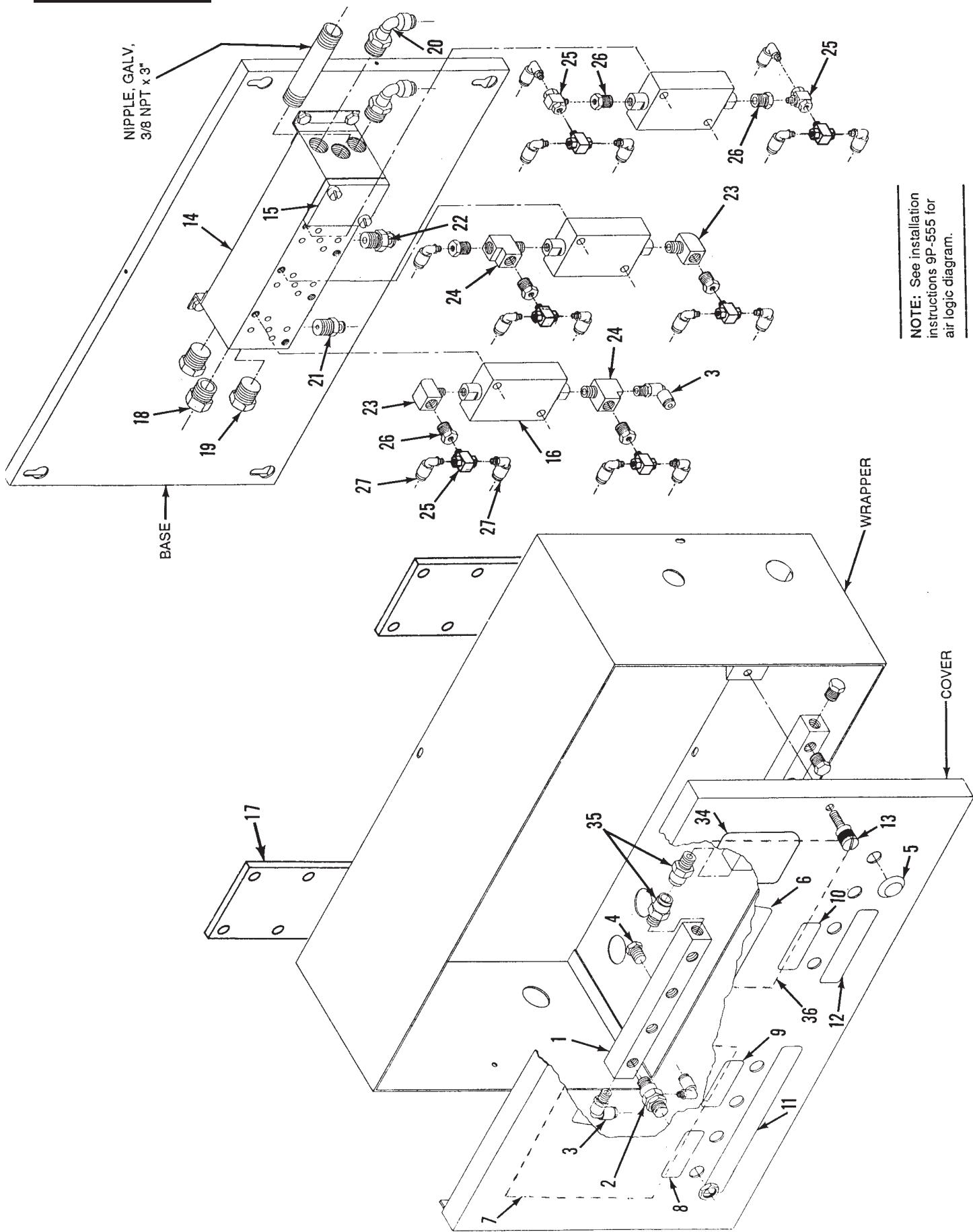
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|--------------------|------|
| SECTION | PAGE |
| F | 83 |
| EFFECTIVE: 4/13/22 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | |
|------|----------------------|-----------------------------|---|-----------------------------------|-----|-----|-----|-----|-----|-----|
| | | | | 084 | 093 | 110 | 111 | 112 | 113 | - |
| | 8507084 | ⊗ | Kit, Install, Front, Sgl, RH | | | | | | | |
| | 8507093 | ⊗ | Rail Assy, Front, 5 Stall | | | | | | | |
| | 8507110 | ⊗ | Kit, Install, RC, Manual Gate, RH | | | | | | | |
| | 8507111 | ⊗ | Kit, Install, RC, Manual Gate, LH | | | | | | | |
| | 8507112 | ⊗ | Kit, Install, RC, Air Gate, RH | | | | | | | |
| | 8507113 | ⊗ | Kit, Install, RC, Air Gate, LH | | | | | | | |
| 1 | 8507117 | | Arch Assy, Entrance, Wide | 1 | 1 | - | - | - | - | - |
| | 8507097 | ⊗ | Arch, Entrance, Half | - | - | 1 | 1 | 1 | 1 | 1 |
| 2 | 8507099 | | Hinge Assy, Entr Gate | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | 8506992 | | Wshtr, Acetal, 1.31 x 2.00 x .12 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 8552107 | ⊗ | Pin Assy, Pivot | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 3552192 | | Fitting, Grease, 1/4-28 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 6 | 8506978 | ⊗ | Gate Assy, Long, Entr/Exit | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 7 | 8552638 | | Linkage Assy, Entrance Gate | 1 | 1 | 1 | 1 | - | - | - |
| | | | (Includes items 8 thru 12 and 4 of item 21) | | | | | | | |
| 8 | 8552601 | ⊗ | Support Assy, Pwr Gate | 1 | 1 | 1 | 1 | - | - | - |
| 9 | 8552605 | | Clevis Assy, Entrance Gate | 1 | 1 | 1 | 1 | - | - | - |
| 10 | 8552608 | ⊗ | Arm, Entrance Gate | 1 | 1 | 1 | 1 | - | - | - |
| 11 | 8552613 | ⊗ | Yoke Assy, Entrance Gate | 1 | 1 | 1 | 1 | - | - | - |
| 12 | 8552610 | | Eye Assy, Cylinder | 1 | 1 | 1 | 1 | - | - | - |
| 13 | 8552413 | ⊗ | Cylinder, Air, 8.00 (shown) | 2 | 2 | 2 | 2 | - | - | - |
| | 8553518 ³ | | Cylinder, Air, 2.00 x 8.00 | 2 | 2 | 2 | 2 | - | - | - |
| 14 | 8552490 ¹ | ⊗ | Clevis Assy, Cylinder | 2 | 2 | 2 | 2 | - | - | - |
| 15 | 8560011 | | U-Bolt, ZP, 5/16-18 x 2 In | 10 | 10 | 4 | 4 | - | - | - |
| 16 | 8553056 | | Linkage Assy, Exit Gate | 1 | 1 | - | - | - | - | - |
| | | | (Includes item 17 thru 20, 6 of item 15 and 3 of item 21) | | | | | | | |
| 17 | 8553129 | | Clevis, Plate Assy | 1 | 1 | - | - | - | - | - |
| 18 | 8553050 | | Clevis Assy, Exit | 1 | 1 | - | - | - | - | - |
| 19 | 8553047 | | Pivot Assy | 1 | 1 | - | - | - | - | - |
| 20 | 8553040 | | Plate, Pivot | 1 | 1 | - | - | - | - | - |
| 21 | 8553051 | | Bearing, Slv, 1/2 x 9/16 x 7/16 | 7 | 7 | - | - | - | - | - |
| 22 | 8552446 | | Clevis Assy, Rod | 1 | 1 | 1 | 1 | - | - | - |
| 23 | 8552272 | | Bracket, Mtg, Cylinder | 1 | 1 | 1 | 1 | - | - | - |
| 24 | 8507135 | | Valve, Control, Flow, 1/4 NPT x 5/32 | 4 | 4 | 4 | 4 | - | - | - |
| 25 | 8507050 ² | ⊗ | Bracket, Mtg, Control Box | 2 | 2 | 2 | 2 | - | - | - |
| 26 | 8507052 | ⊗ | Control Panel Assy, 4-Sta (Parts on page F-85) | 1 | 1 | 1 | 1 | - | - | - |
| | 8590403 | | Control Assy, Indexing Rail (Parts on page F-53) | 1 | 1 | 1 | 1 | - | - | - |
| 27 | 8518063 | ⊗ n/s | Control Assy, Remote, w/Rails (Parts on page F-86) | 1 | 1 | 1 | 1 | - | - | - |
| 28 | 8519183 | ⊗ | Tube, Nylon, .25 x .035 | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 29 | 3554115 | | Hose, Nyl, Nat, 5/32 OD x 100 Ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 30 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 31 | 3554440 | | Hose, Nyl, Grn, 5/32 OD x 100 Ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 32 | 3554174 | | Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 33 | 3554530 | | Hose, Nyl, Yel, 5/32 OD x 100 Ft | a/r | a/r | a/r | a/r | a/r | a/r | a/r |
| 34 | - - - - | | Literature 9P-555 (Installation Instructions) | ref | ref | ref | ref | ref | ref | ref |
| 35 | 8552484 ¹ | ⊗ n/s | Kit, Repair, Air Cylinder, 1.75 | a/r | a/r | a/r | a/r | - | - | - |

Note:

1. Used ONLY on older version Air Cylinder.
2. Use ONLY with older version Control Panel 8507052.
3. See page F-74 for cylinder repair kits.

Control Panel Assembly 4-Station for use with FastLane Stalls

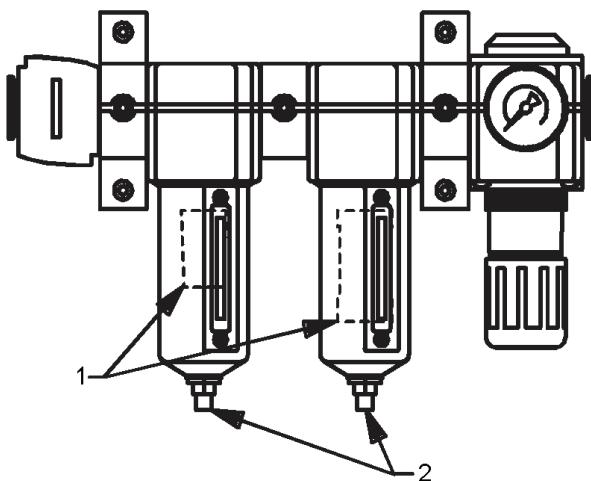


Control Panel Assembly 4-Station for use with FastLane Stalls

| | |
|--------------------|------|
| SECTION | PAGE |
| F | 85 |
| EFFECTIVE: 2/12/21 | |

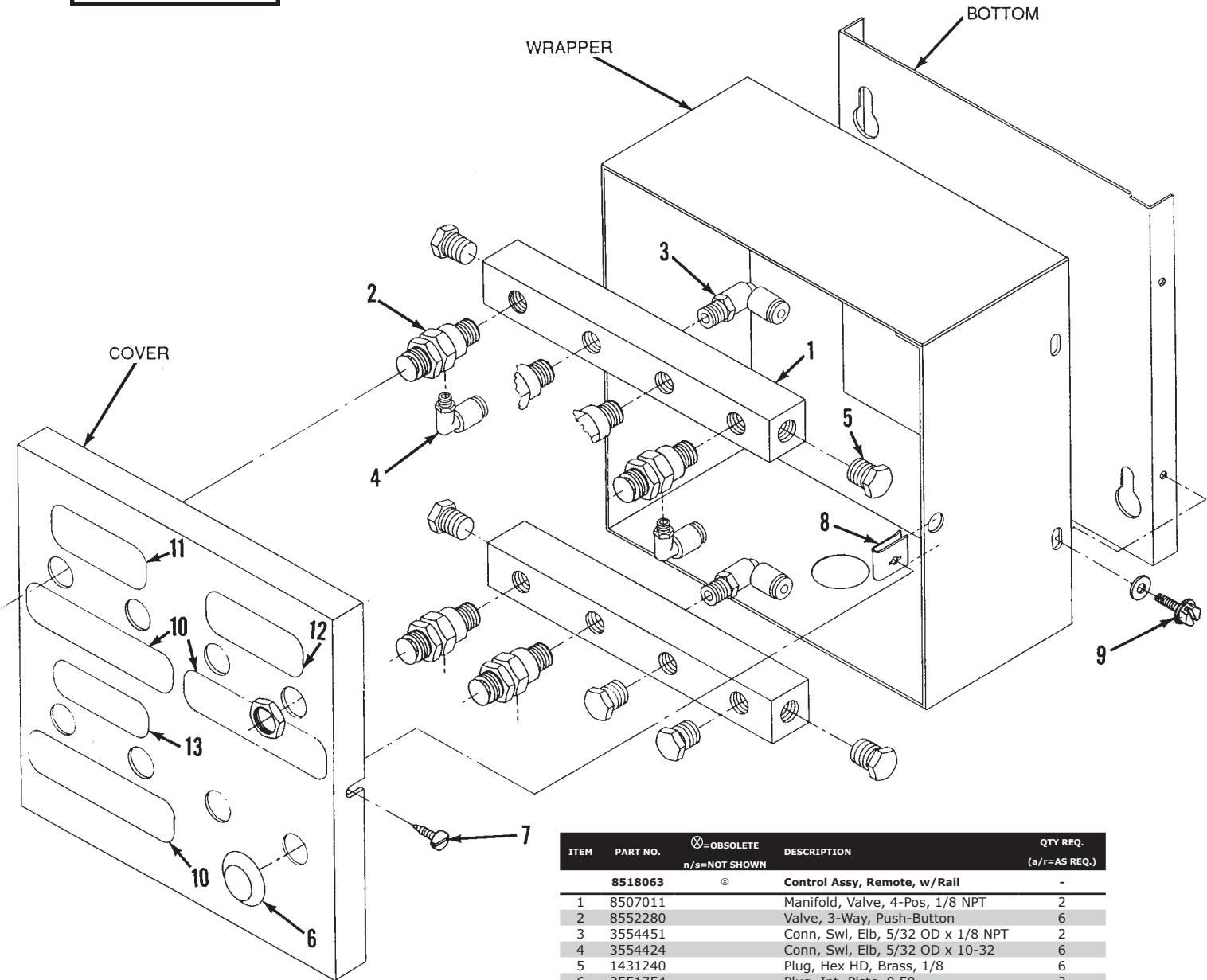
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|---------|----------|-----------------------------|---|----------------------------|
| 8507052 | | ⊗ | Control Panel Assy, 4-Sta | - |
| 1 | 8507011 | | Manifold, Valve, 4-Pos, 1/8 NPT | 2 |
| 2 | 8552280 | | Valve, 3-Way, Push-Button | 6 |
| 3 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 2 |
| 4 | 1431240 | | Plug, Hex HD, Brass, 1/8 | 5 |
| 5 | 3551754 | | Plug, Int, Plstc, 0.50 | 2 |
| 6 | 8506167 | | Label, Bou-Matic, 3.00 x 10.00 | 1 |
| 7 | 8507048 | | Label, Air Logix Diagram, 4-Sta | 1 |
| 8 | 8507020 | | Label, Entrance | 2 |
| 9 | 8507021 | | Label, Exit | 2 |
| 10 | 8507054 | | Label, Rail | 2 |
| 11 | 8507019 | ⊗ | Label, Open/Close | 1 |
| 12 | 8507055 | ⊗ | Label, Open/Close | 1 |
| 13 | 8507047 | ⊗ | Screw, Knurled, Retainer | 1 |
| | 1027301 | | TFSCR, PNH, SS, 1/4-14 X 1 AB (Replaces 8507047) | 1 |
| 14 | 8507017 | ⊗ | Manifold, Air, 4-Station | 1 |
| 15 | 8507056 | ⊗ | Plate, Block Off | 1 |
| 16 | 8507035 | | Valve, Manifold, Double Pilot | 3 |
| 17 | 8507050 | ⊗ | Bracket, Mtg, Control Box | a/r |
| 18 | 8507041 | | Conn, Push, 1/4 x 3/8 NPT | 1 |
| 19 | 8507029 | ⊗ | Plug, Pipe, Brass, Hex, 3/8 NPT | 2 |
| 20 | 8507028 | | Conn, Swl, Elb, 1/4 OD x 3/8 NPT | 2 |
| 21 | 8507013 | | Conn, Push, 5/32 x 1/4 NPT | 4 |
| 22 | 8507100 | | Conn, Push, 1/4 x 1/4 NPT | 2 |
| 23 | 3551825 | | Elbow, Street, 90 Deg, Brs, 1/8 | 2 |
| 24 | 3551712 | | Tee, Brs, Street, 1/8 NPT | 2 |
| 25 | 8507053 | | Valve, Shuttle, 10-32 | 8 |
| 26 | 8551081 | | Bushing, Brs, 1/8 NPT x 10-32 | 5 |
| 27 | 3554424 | | Conn, Swl, Elb, 5/32 OD x 10-32 | 16 |
| 28 | 8519183 | ⊗ | Tube, Nylon, .25 x .035 n/s | a/r |
| 29 | 3554115 | n/s | Hose, Nyl, Nat, 5/32 OD x 100 Ft | a/r |
| 30 | 3554439 | n/s | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r |
| 31 | 3554440 | n/s | Hose, Nyl, Grn, 5/32 OD x 100 Ft | a/r |
| 32 | 3554174 | n/s | Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r |
| 33 | 3554530 | n/s | Hose, Nyl, Yel, 5/32 OD x 100 Ft | a/r |
| 34 | 8507120 | | Label, Caution, FastLane Stalls | 1 |
| 35 | 3554159 | n/s | Conn, Push, 5/32 OD x 1/8 NPT | 2 |
| 36 | 8507008 | ⊗ | Label, Tube Conn, 4-Sta | 1 |

Filter-Filter-Regulator



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|---------|----------|-----------------------------|---|---------------------------|
| 3557391 | | | Filter-Filter-Regulator | 7391 |
| 8516098 | | | Regulator, Filter, 1/2" Ports | 6098 |
| 1 | 3557393 | | Kit, Repair, FFR, Filter Elements (includes elements for both filters) | 1 - |
| 2 | 3557394 | | Kit, Repair, FFR, Auto Drain | 2 - |
| 3 | 8501373 | n/s | Kit, Seals & Gaskets, Regulator | - 1 |
| 4 | 3557400 | n/s | Filter, Air, W/Auto Drain 3/8NPT | - 1 |

**Remote Control Assembly with Rail
for use on FastLane Stalls**

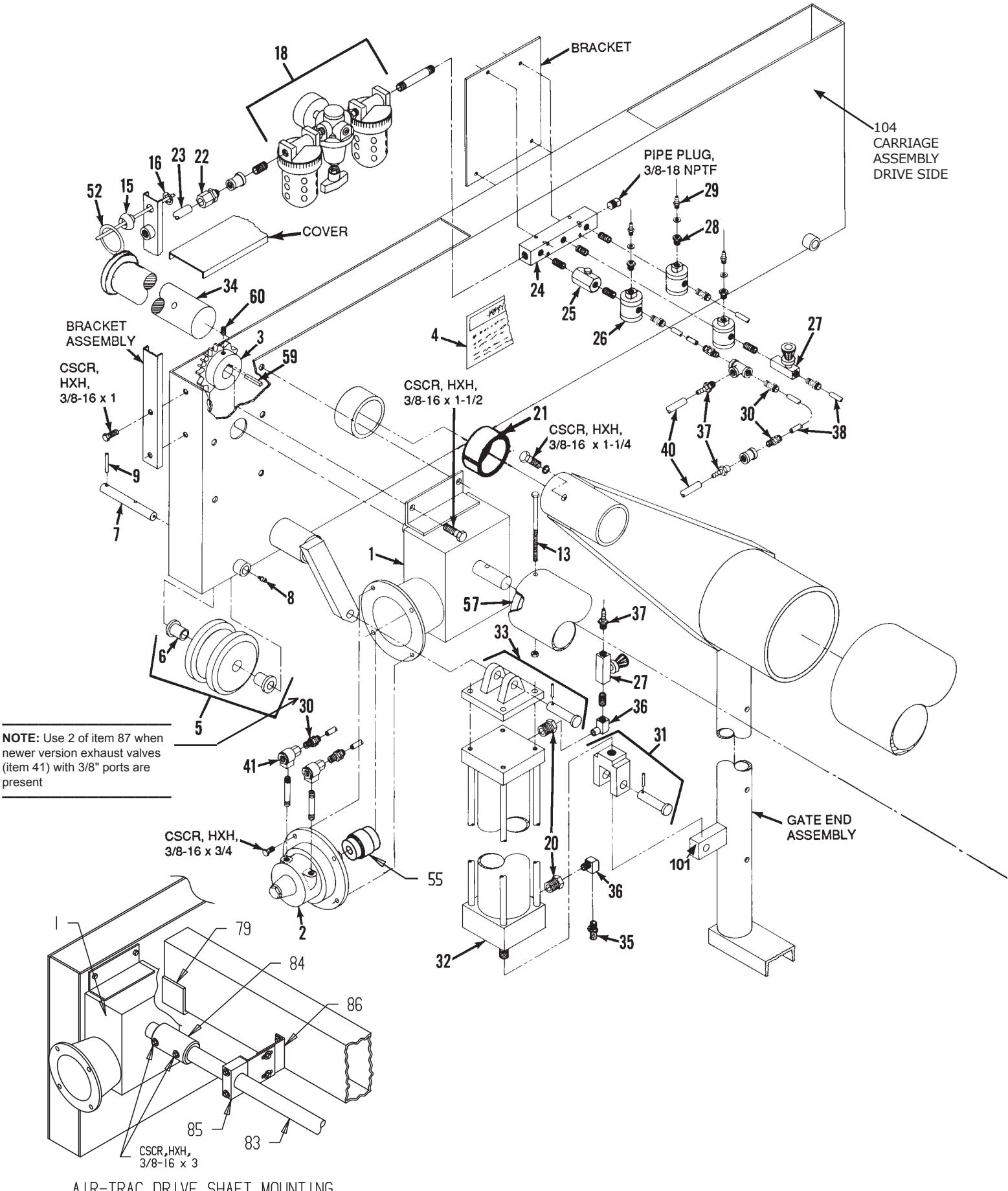


NOTE: See Installation Instructions 9P-555 for air logic diagram.

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|---------|----------|-----------------------------|-----------------------------------|---------------------------|
| 8518063 | ⊗ | | Control Assy, Remote, w/Rail | - |
| 1 | 8507011 | | Manifold, Valve, 4-Pos, 1/8 NPT | 2 |
| 2 | 8552280 | | Valve, 3-Way, Push-Button | 6 |
| 3 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 2 |
| 4 | 3554424 | | Conn, Swl, Elb, 5/32 OD x 10-32 | 6 |
| 5 | 1431240 | | Plug, Hex HD, Brass, 1/8 | 6 |
| 6 | 3551754 | | Plug, Int, Plstc, 0.50 | 2 |
| 7 | 1027265 | | TFSCR, PNH, SS, 8-18 x 1/2 AB | 2 |
| 8 | 3551200 | | Nut, Speed, #8 | 2 |
| 9 | 1188265 | | TCSCR, HXWH, 8-32 x 1/2 ZP F | 4 |
| 10 | 8507055 | ⊗ | Label, Open/Close | 3 |
| 11 | 8507020 | | Label, Entrance | 1 |
| 12 | 8507021 | | Label, Exit | 1 |
| 13 | 8507054 | | Label, Rail | 1 |
| 14 | 3554440 | n/s | Hose, Nyl, Grm, 5/32 OD x 100 Ft | a/r |
| 15 | 3554530 | n/s | Hose, Nyl, Yel, 5/32 OD x 100 Ft | a/r |
| 16 | 3554115 | n/s | Hose, Nyl, Nat, 5/32 OD x 100 Ft | a/r |
| 17 | 3554174 | n/s | Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r |
| 18 | 3554439 | n/s | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r |

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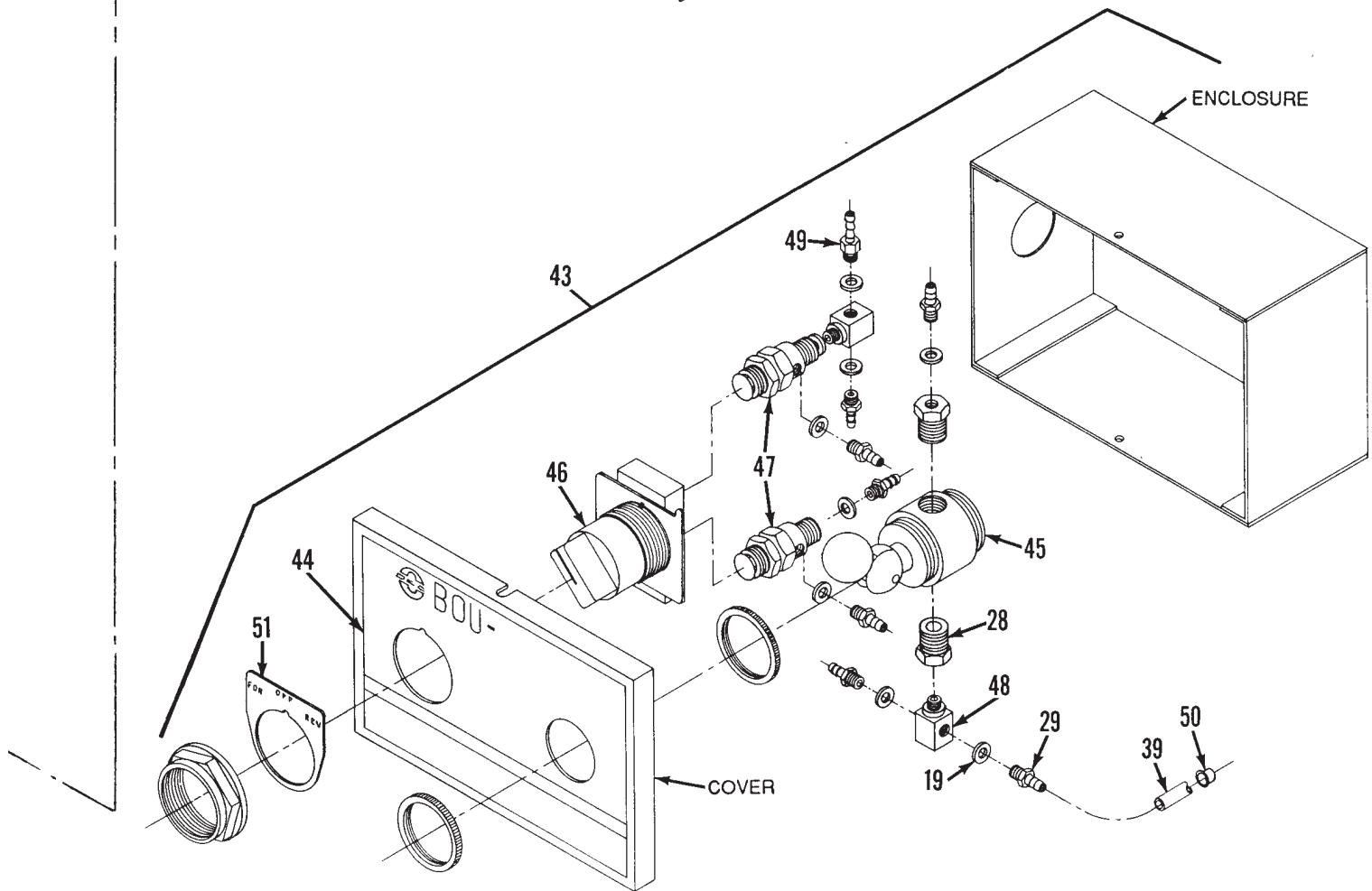
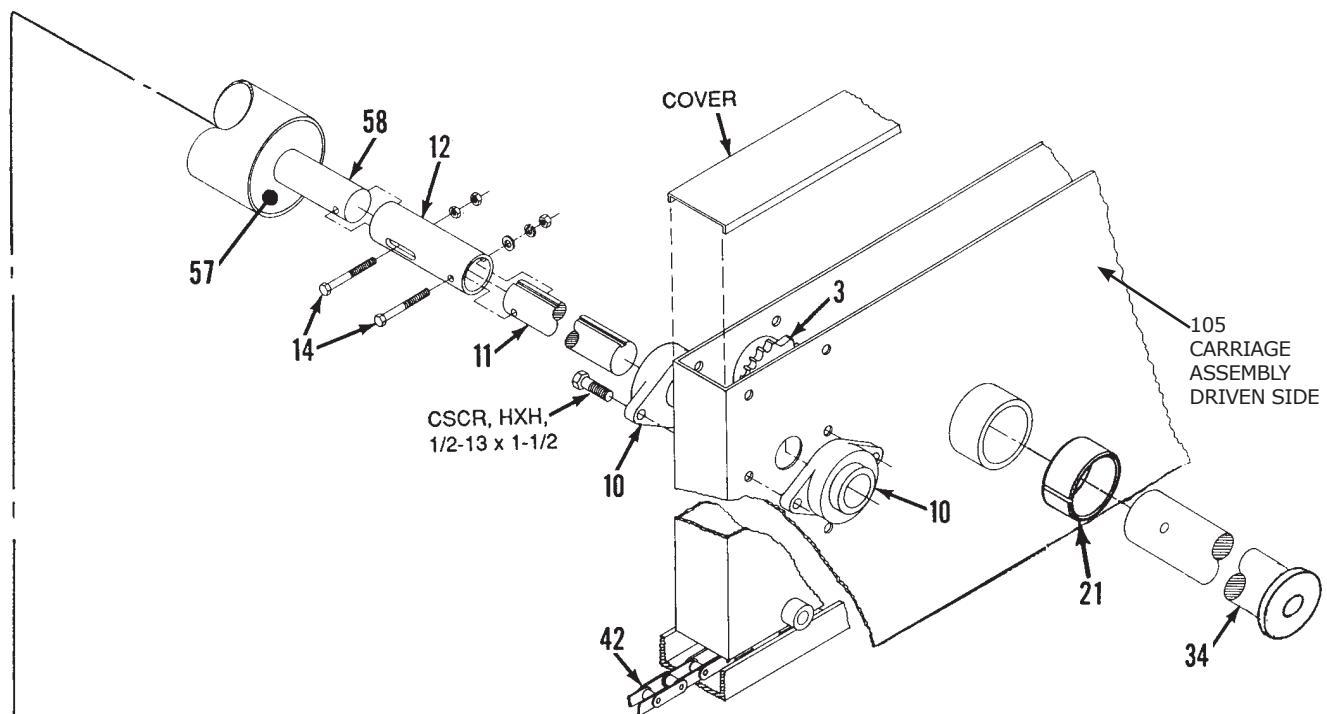
Heavy-Duty Crowd Gate



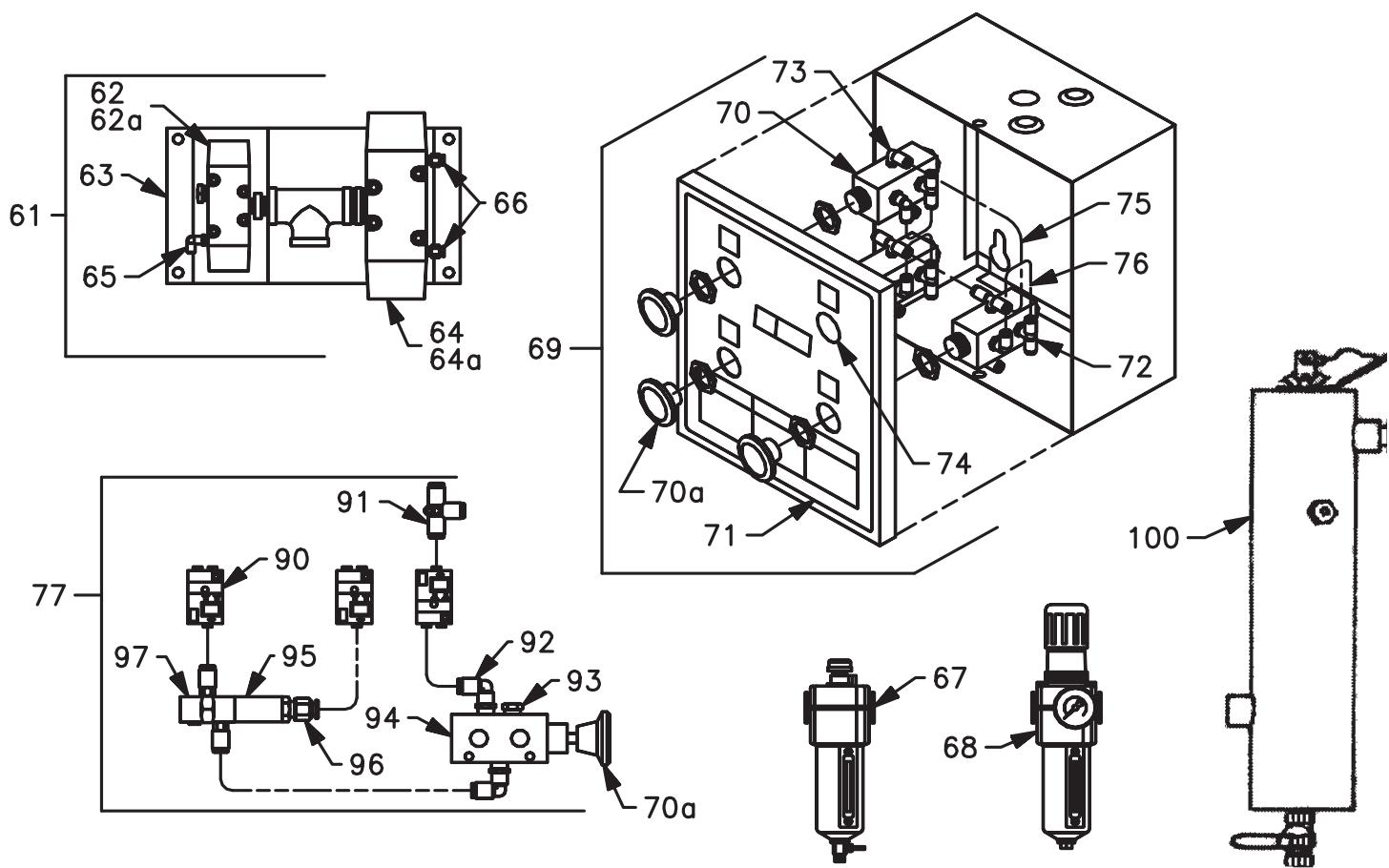
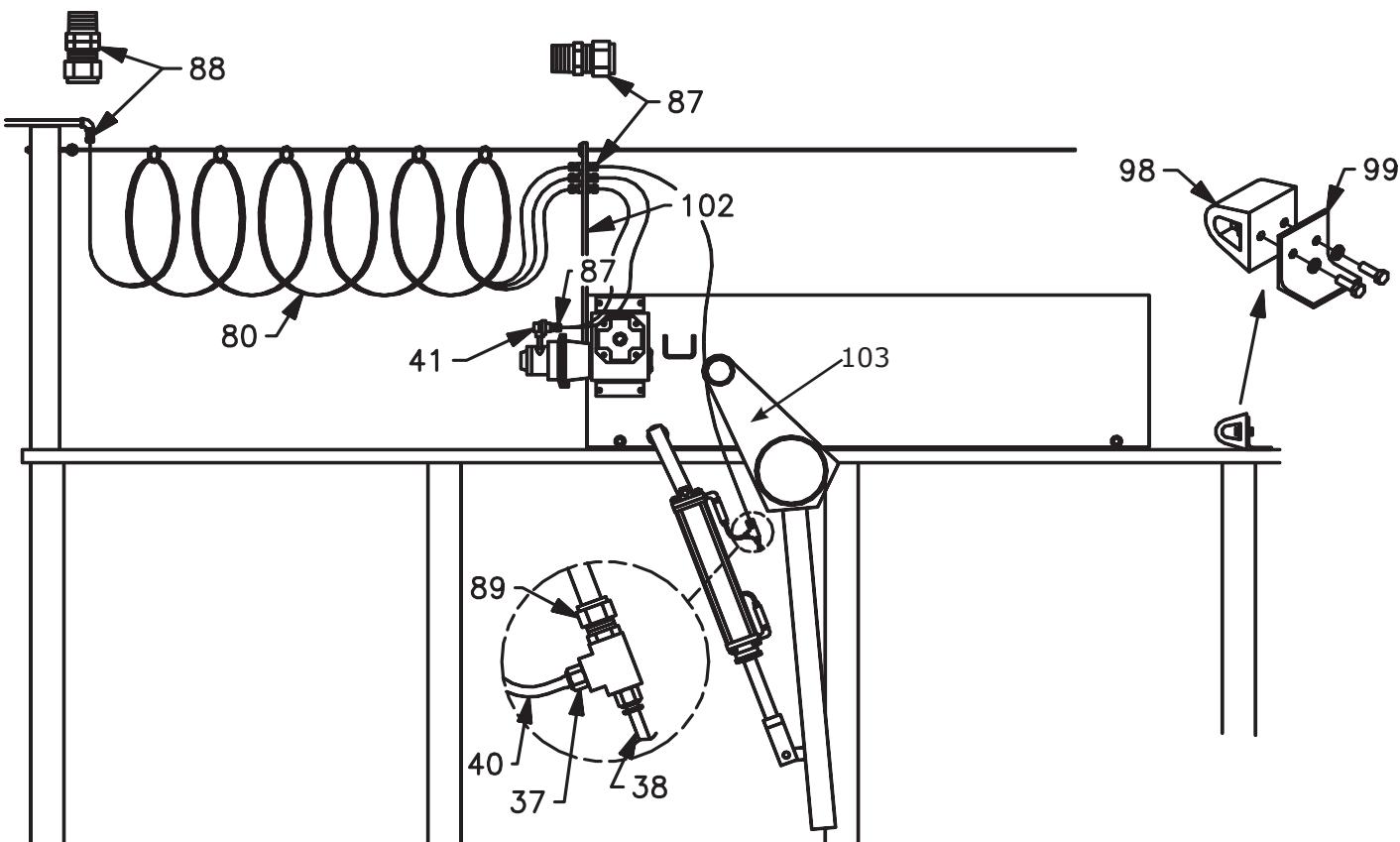
AIR-TRAC DRIVE SHAFT MOUNTING

Heavy-Duty Crowd Gate

| | |
|-----------------------|-------------------|
| SECTION F | PAGE 89 |
| EFFECTIVE: 3/22/23 | |



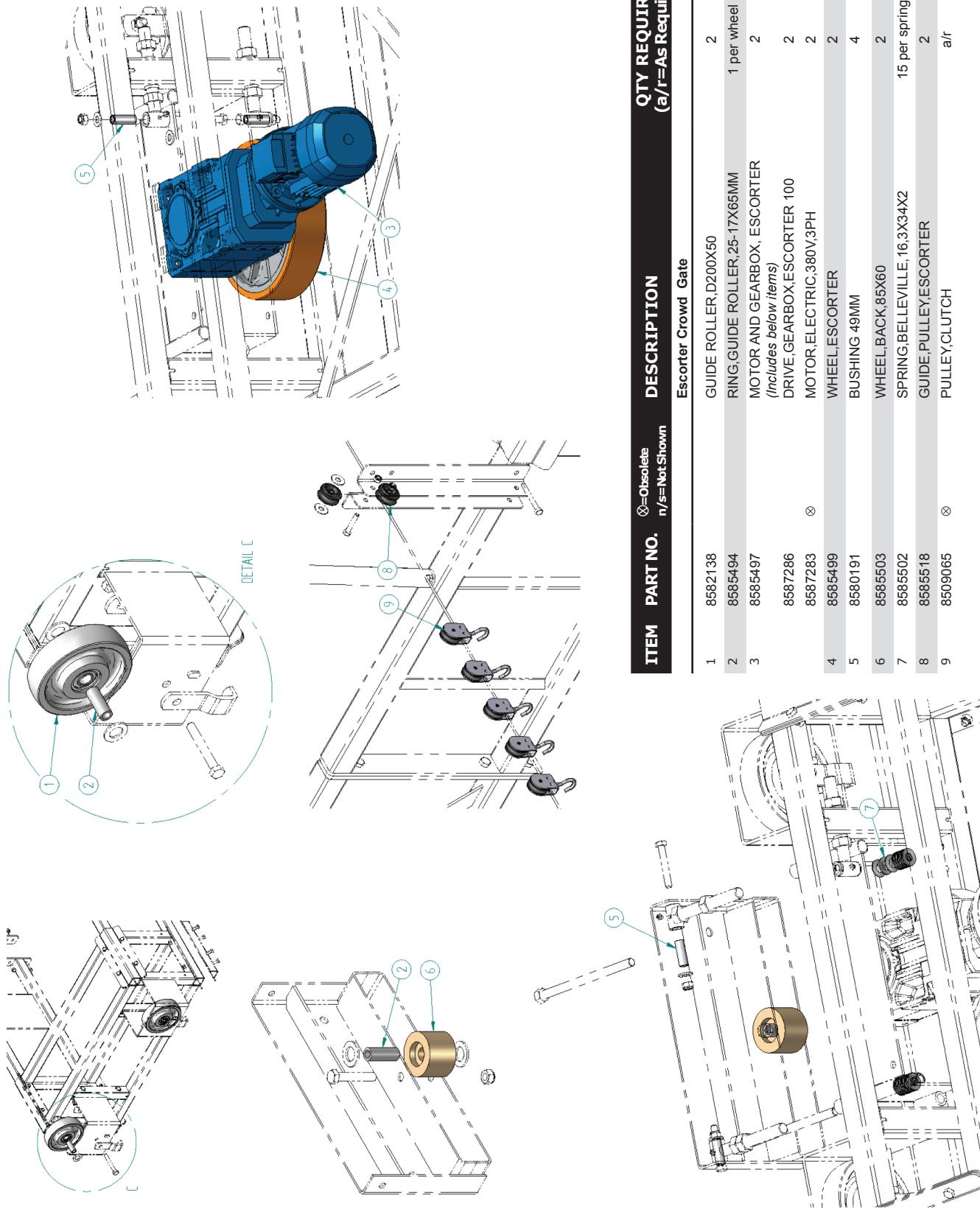
Heavy-Duty Crowd Gate



Heavy-Duty Crowd Gate

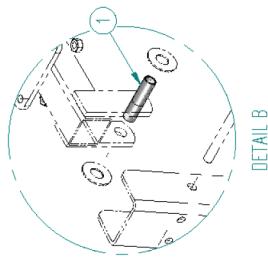
 SECTION **F** PAGE **91**
 EFFECTIVE: **7/25/23**

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) | ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) | |
|------------------|-------------------------|-----------------------------|--|---------------------------|---------|-----------------------|-----------------------------|--|----------------------------|---|
| | 8570601 | | Kit, Crowd Gate, Heavy Duty | - | | 8570601 | | Kit, Crowd Gate, Heavy Duty | - | |
| 1 | 8570625 | | Reducer, Gear (Includes item 55) | 1 | 57 | 8570642 ⁵ | ⊗ | Adapter, Shaft | 2 | |
| 2 | 8570624 | | Motor, Air | 1 | 58 | 8560784 ⁵ | ⊗ | Shaft, Drive, Crowd Gate | 1 | |
| 3 | 8570623 ¹ | | Sprocket, 1-1/2 Pitch (Includes item 60) | 2 | 59 | 8560849 | | Key, ZP, 1/4 Sq x 1-5/8 | 2 | |
| 4 | 8570685 | | Label, Warning, Crowd Gate | 4 | 60 | 1178004 | | SSCR, SKT, 1/4-20 x 3/8 ZP | 2 | |
| 5 | 8570687 | | Wheel Assy, Carriage (Includes 2 of item 6) | 4 | 61 | 8516090 | | Control Valve Assy, Air-Trac (Includes items 62 thru 66) | 1 | |
| 6 | 8570635 | | Bearing, Bronze, Flange | 8 | 62 | 8517248 ¹³ | | Valve, 4-Way, Sngl Pilot, 1/4 NPT | 1 | |
| 7 | 8570640 | | Axle, Crowd Gate | 4 | 62a | 8516106 ¹³ | | Manifold,Subbase,1/4 NPT | 1 | |
| 8 | 3552192 | | Fitting, Grease, 1/4-28 | 6 | 63 | 8516044 | | Bracket, Control Valve Assy | 1 | |
| 9 | 1294439 | | Pin, Spring, 1/4 x 3/4 ZP | 4 | 64 | 8516105 | | Valve, Spool, Air Pilot | 1 | |
| 10 | 8570622 | | Bearing, Flange | 2 | 64a | 8516104 | | Manifold,Subbase,1/2 NPT | 1 | |
| 11 | 8570641 | | Shaft, Driven-Side | 1 | 65 | 3554451 | | Conn, Swl, Elb, 5/32 x 1/8 NPT | 1 | |
| 12 | 8560785 ⁵ | ⊗ | Coupling, Crowd Gate | 1 | 66 | 3554159 | | Connector, Push, 5/32 x 1/8 NPT | 2 | |
| 13 | 1149062 | | CSCR, HXH, 3/8-16 x 6 GR-8 | 1 | 67 | 8516093 | | Lubricator, 3/8 Ports | 1 | |
| 14 | 1149056 | | CSCR, HXH, 3/8-16 x 3 GR-8 | 2 | 68 | 8516098 | | Regulator, Filter, 1/2" Ports (Parts on page F-85) | 1 | |
| 15 | 3554396 | | Bushing, Chain Guide | 1 | 69 | 8516091 | | Control Box Assy (Includes items 70 thru 76) | 1 | |
| 16 | 3551909 | | Ring, Retaining, Push-On, Ext., .75 | 1 | 70 | 8507149 | | Valve, Air, 4-Way (Includes item 70a) | 3 | |
| 17 | 8570668 ² | ⊗ | Manifold Assy, Crowd Gate | 1 | 70a | 8511551 | | Pushbutton,Valve, Blk | 3 | |
| | | | (Includes items 18 - 26, 1 of 27, and 3 each of 28, 29 & 30) | | 71 | 8516097 | | Label, Control Box | 1 | |
| 18 | 8570645 ³ | ⊗ | Filter-Regulator-Lubricator | 1 | 72 | 3554109 | | Conn, Swl, Tee, 5/32 x 5/32 x 1/8 | 5 | |
| | 8570722 ³ | ⊗ | Filter-Regulator-Lubricator | 1 | 73 | 3554451 | | Conn, Swl, Elb, 5/32 x 1/8 NPT | 10 | |
| 19 | 8551087 | ⊗ | Gasket, Rbr, .125 ID, Pk of 25 | a/r | 74 | 4019435 | | Plug, Int, Plstc, .75 | 1 | |
| 20 | 1431118 | | Bushing, Hex, Brass, 1/2 x 1/4 | 4 | 75 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r | |
| 21 | 8570721 | | Bushing, Tension | 4 | 76 | 3554115 | | Hose, Nyl, Nat, 5/32 OD x 100 Ft | a/r | |
| 22 | 8570082 | ⊗ | Connector, Nylon, .5 In-line | 2 | 77 | 8516092 ⁶ | | Kit, Auto Advance, Air Crowd Gt, Air Trac | 1 | |
| 23 | 8570028 | ⊗ | Hose, Nylon, .38 x .062W, 700psi (Part No. represents 1 foot) | a/r | 78 | 8516961 ⁷ | ⊗ n/s | Kit, Auto Advance, Air Crowd Gt | 1 | |
| 24 | 8570643 | ⊗ | Manifold, Crowd Gate | 1 | 79 | 8516265 | | Support, Crossbeam | 2 | |
| 25 | 8570648 | ⊗ | Valve, Check | 1 | 80 | 8516261 | | Hose, Air, Coiled, 3/8" ID, 190' | a/r | |
| 26 | 8570627 | | Valve, 3-Way, NC, Pilot | 3 | | 8510968 | | Hose, Air, Coiled, 1/2" ID, 150' | a/r | |
| 27 | 8570631 | | Valve, Flow Control | 3 | 81 | 8516269 | n/s | Kit, Coupling, Air Trac | 3 | |
| 28 | 8551081 | | Bushing, Brs, 1/8 NPT x 10-32 | 5 | 82 | 8516270 | n/s | (Includes items 84 & mounting hardware) | | |
| 29 | 8551084 | ⊗ | Adapter, 1/16 Hose x 10-32 | 10 | 83 | 8516271 | | Kit, Bearing, Air Trac | 3 | |
| 30 | 8570632 | | Adapter, 3/8 OD Tube x 1/4 NPT | 8 | 84 | 8516266 | | (Includes items 85,86 & mounting hardware) | | |
| 31 | 8570660 | ⊗ | Clevis, Rod, 1.0" | 2 | 85 | 8516267 | | Bar, Rd, 1.25 x 12Ft, CD 1018 | 2 | |
| | 8511111 | | (Includes Pivot Pin) | | 86 | 8516268 | | Coupling, Drive Shaft | 1 | |
| 32 | 8570628 ⁸ | ⊗ | Cylinder, Air, 4.00 x 24.00 | 2 | 87 | 8516262 | | Bracket, Bearing, Drive Shaft | 2 | |
| | 8570699 ^{8,12} | | Cylinder, Air, 5.00 x 24.00 (Springville) | 2 | 88 | 8516263 | | Adapter, Rgd, .47 Hose x 3/8 NPT | 8 | |
| | 8511110 ^{8,9} | | Cyl, Air, 5.00 x 24.00, 1.5 Rod (Springville) | 2 | 89 | 8516264 | | Adapter, Swl, .47 Hose x 3/8 NPT | 3 | |
| 33 ¹¹ | 8570659 ¹⁰ | ⊗ | Clevis, Rear, 4 In, Cyl | 2 | 90 | 8590304 | | Adapter, Rgd, .47 Hose x 1/4 NPT | 1 | |
| | 8570700 ¹⁰ | | Clevis, Rear, 5 In, Cyl | 2 | 91 | 8507090 | | Valve, Air, Logic OR | 3 | |
| 34 | 8570620 | | Pivot Assy | 2 | 92 | 3554451 | | Conn, Push, Union Tee, 5/32 | 2 | |
| 35 | 8551136 | | Muffler, Filter, 1/4 NPT | 2 | 93 | 1431240 | | Conn, Swl, Tee, 5/32 ODX 1/8 | 2 | |
| 36 | 8570713 | ⊗ | Elbow, Street, 90 Deg, Brs, 1/4 | 4 | 94 | 8507149 | | Plug Hex Hd, Brass, 1/8 | 1 | |
| 37 | 8570647 | ⊗ | Adapter, 1/4 Hose x 1/4 NPT | 4 | 95 | 3554332 | | Valve, Air, 4-way | 1 | |
| 38 | 8552411 | | Hose, Polyethyl, .25 x .062W, Blk (Part No. represents 1 foot) | a/r | 96 | 3554159 | | Operator, Air Piltot | 1 | |
| 39 | 8551195 | ⊗ | Hose, Polyureth, .06 x .031W, Gry (Part No. represents 1 foot) | a/r | 97 | 3554333 | | Conn, Push, 5/32 OD x 1/8 NPT | 1 | |
| 40 | 8570675 | | Hose, Rbr, .25 x .125W, 250psi (Part No. represents 1 foot) | a/r | 98 | 8502347 | | Valve, 4-way, Pushbutton | 1 | |
| | 8570675 | | (Part No. represents 1 foot) | | 99 | 8502348 | | Bumper, Rubber, D, 4" | 4 | |
| 41 | 8570630 | | Valve, Exhaust (1/4" ports) | 2 | 100 | 8570698 | ⊗ | Bracket, Bumper, Crowd Gate | 4 | |
| | 8516154 | | Valve, Exhaust (3/8" ports) | 2 | 101 | 8570614 ⁹ | | Dryer, Air, Deliquescent | 1 | |
| 42 | 8570633 | | Chain, Roller (Part No. represents 10-foot section) | a/r | 102 | 8570605 | | Bracket, Eye | 2 | |
| | 8570671 ⁴ | ⊗ | Control Assy, HD Crowd Gate (Includes items 44 to 51, 2 of 28, and 7 of 29) | 1 | 103 | 8570616 | | Bracket, Assy, Guide | 1 | |
| 44 | 8570686 | ⊗ | Label, Cover, Control Assy | 1 | 8570617 | | 8511131 | | Bracket, Assy, Guide, 1/2" | 1 |
| 45 | 8570629 | | Valve, 3-Way, Air, Toggle | 1 | 104 | 8501358 | | Side Assy, Driven Side | a/r | |
| 46 | 8570634 | | Selector, 3-Position | 1 | 105 | 8501359 | | Side Assy, Drive Side | a/r | |
| 47 | 8552280 | | Valve, 3-Way, Push-Button | 2 | | | | Carriage Assy, Drive Side | a/r | |
| 48 | 8551085 | ⊗ | Tee, Brass, 10-32 | 2 | | | | Carriage Assy, Driven Side | a/r | |
| 49 | 8551086 | | Adapter, 1/8 Hose x 10-32, w/Gskt | 1 | | | | Note: | | |
| 50 | 8551142 | ⊗ | Clamp, Brs, 1/16 Hose | 10 | | | | 1. Later versions use 14 tooth sprockets. When replacing a 16 tooth sprocket both sides must be replaced with a 14 tooth sprocket. | | |
| 51 | 8570661 | ⊗ | Plate, Legend | 1 | | | | 2. Replaced by item 61 on newer version crowd gate assemblies. | | |
| 52 | 8570673 | | Ring, Galv, 2.00 ID | 24 | | | | 3. Replaced by items 67 & 68 on newer version crowd gate assemblies. | | |
| 53 | - - - | | Literature 9E-319 (Installation Instructions) | ref | | | | 4. Replaced by item 69 on newer version crowd gate assemblies. | | |
| 54 | 3551957 | ⊗ n/s | O-ring, 1.984 x .139 () | 1 | | | | 5. Replaced by items 81,82 & 83 on newer version crowd gates. To replace any older version coupling, adapter or drive shaft with a newer version part, all three items (12,57 & 58) must be updated. | | |
| 55 | 8570731 | | Coupling, Crowd Gate, GT, Grbx/Air Mtr (w/ Spline, pre-2009) | 1 | | | | 6. Use ONLY with Air Trac Control Valve Assy, item 61. | | |
| | 8582976 | | Coupling Kit, Reducer Gear (w/o Spline, 2009 and later) | 1 | | | | 7. Use ONLY with Manifold Assy, item 17. | | |
| 56 | 8570719 | ⊗ n/s | Kit, Repair, Air Cylinder, 4.00 | a/r | | | | 8. See item 56 for cylinder repair kits. | | |
| | 8570718 | | Kit, Repair, Air Cylinder, 5.00 | a/r | | | | 9. Must replace clevis with 1.5" clevis (Item 31, 8511111) & eye bracket (item 101, 8570614) when replacing older cylinder with new cylinder. | | |
| | 8502504 | | Kit, Repair, Air Cylinder, 5.00 (Springville) | a/r | | | | 10. Rear clevis are replaceable on square cylinders (Adv. Automation), the round cylinders (Springville) require complete cylinder replacement. | | |
| | 8511182 | | Kit, Repair, Air Cyl, 1.5 rod x 5.00 (Springville) | a/r | | | | 11. Only works with 1" shaft cylinder. | | |
| | 8588108 | | Kit, Repair, Air Cyl, 1.5 x 5 FLINE (Flairline) | a/r | | | | 12. Fixed end clevis not replaceable. | | |
| | | | | | | | | 13. After 6/1/2023 item 62 and 62a come as one part number (8517248 includes manifold.) | | |

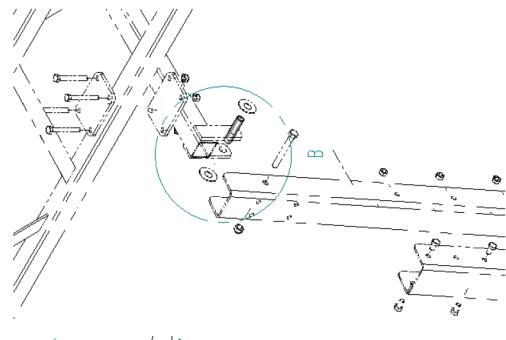
Escoter Crowd Gate

Escoter Crowd Gate

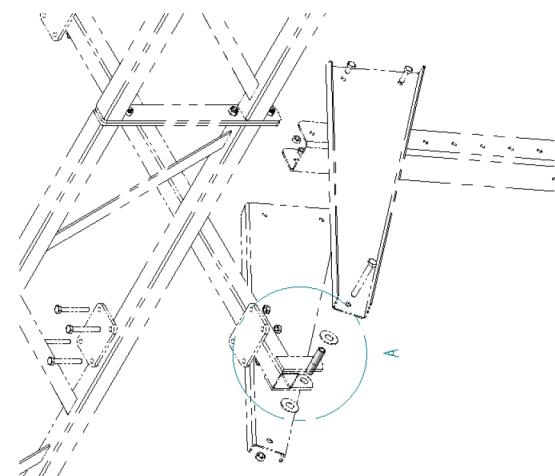
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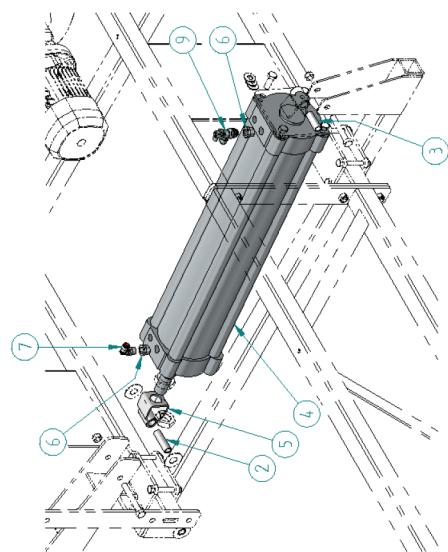
DETAIL A



DETAIL B

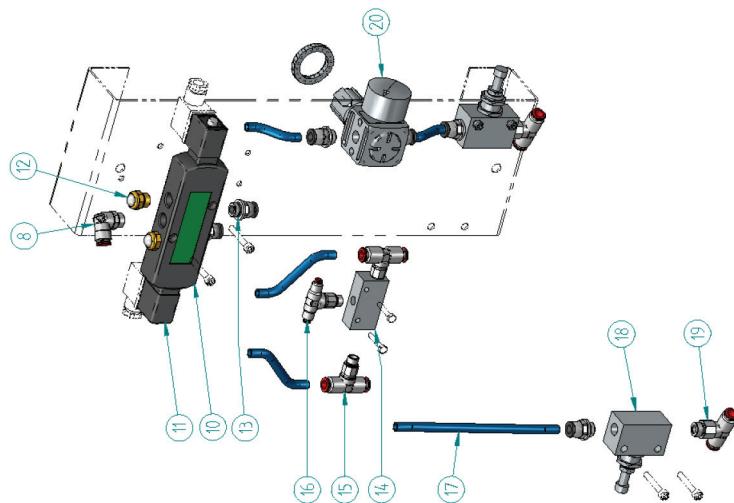


A



QTY REQUIRED
(a/r=As Required)

| ITEM | PART NO. | DESCRIPTION | Escoter Crowd Gate |
|------|----------|--------------------------------|----------------------------------|
| 1 | 8585705 | BUSHING,WEAR,72MM | air |
| 2 | 8585728 | BUSHING,WEAR,59MM | air |
| 3 | 8580191 | WEAR RING 49MM | air |
| 4 | 8585706 | CYLINDER,125X600MM,ESCOTER | air |
| 5 | 8585727 | ARM,BRACKET,CYLINDER,27MM | air |
| 6 | 8585708 | REDUCER,MF,G1/2 G3/8 | air |
| 7 | 8585709 | ELBOW COUPLING,6-8 G3/8 | air |
| 8 | 8585716 | COUPLING,ELBOW,ORIENT,6-8 G1/4 | air |
| 9 | 8585710 | COUPLING,CYL,6-8 G3/8 PILOT 4 | air |
| 10 | 8585534 | DISTRIBUTOR,PNEU,551.5/3 | 1 |
| 11 | 8582166 | COIL,24VDC,VALVE | 2 |
| 12 | 8582174 | SILENCER,G1/4 | 1 |
| 13 | 8585715 | COUPLING,STGT,6-8 G1/ | 1 |
| 14 | 8585718 | DIVERTER,AIR CIRCUIT,G1/8 | 1 |
| 15 | 8585719 | TEE,ORIENT,CYL,6-8 G1/8 | 1 |
| 16 | 8585720 | TEE,ORIENT,CYL,2-74 G1/8 | 1 |
| 17 | 8504919 | HOSE,D6X8,AIR CYL | 1 |
| 18 | 8585721 | REGULATOR,AIR FLOW | 1 |
| 19 | 8585722 | TEE,ORIENT,CYL,6-8 G1/4 | 1 |
| 20 | 8585724 | REGULATOR,AIR FLOW, G1/4 | 1 |
| 21 | 8589434 | n/s | SEAL KIT,ESCOTER CYLINDER air |



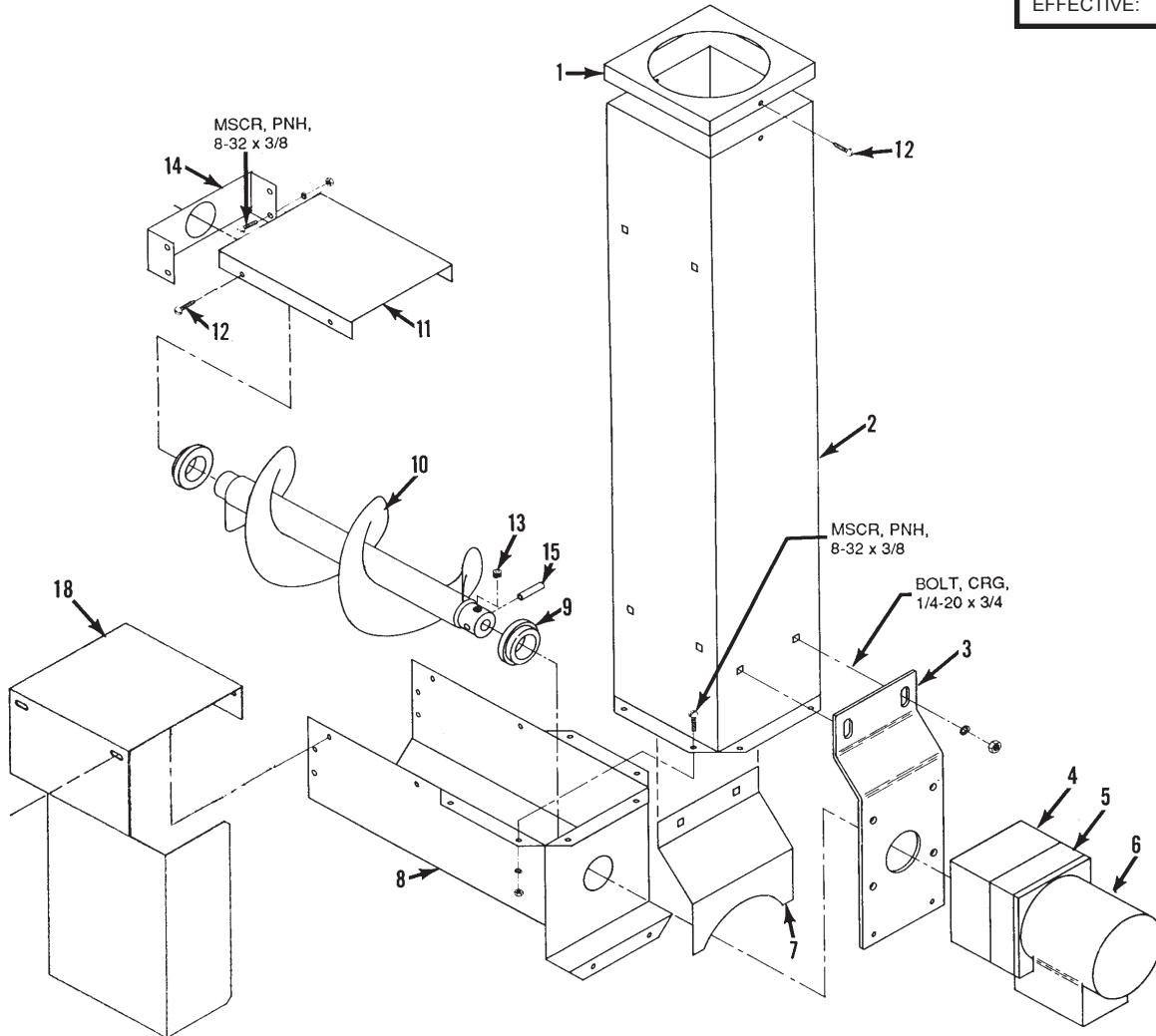
Escoter Crowd Gate



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|--|-----------------------------------|
| 1 | 8585533 | VSD,MAIN,ESCORTER | 1 |
| 2 | 8585532 | VSD,SECONDARY,ESCORTER | 1 |
| 3 | 8585531 | POWER SUPPLY,24V/2A,ESCORTER | 1 |
| 4 | 8585530 | SWITCH,SECURITY,4-POINT BUZZER,24V,ESCORTER | 1 |
| 5 | 8585529 | LED,GREEN,GATE,ESCORTER | 1 |
| 6 | 8585528 | SWITCH,PROXIMITY,ESCORTER | 1 |
| 7 | 8585527 | SWITCH,END,ESCORTER | 1 |
| 8 | 8585526 | CONTROL PANEL,ESCORTER | 1 |
| 9 | 8585525 | ⊗ | 1 |

Hopper with Auger & Motor

SECTION F PAGE 95
EFFECTIVE: 8/4/22



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|----------------|----------------------|-----------------------------|---|---------------------------|
| 3552956 | ⊗ | | Hopper Assy, 4" w/Mot & GD | - |
| 1 | 3552950 | ⊗ | Cover, Hopper, OSF | 1 |
| 2 | 3552952 | ⊗ | Hopper Assy, OSF | 1 |
| 3 | 3552938 | | Bracket, Motor Mtg, OSF | 1 |
| 4 | 3552936 | ⊗ | Gearbox, Output, OSF | 1 |
| | 3556272 ¹ | | Gearbox, Output, OSF, Helical (Replaces 3552936) | 1 |
| 5 | 3552937 | ⊗ | Gearbox, Intmd, OSF | 1 |
| | 3556273 ¹ | | Gearbox, Intmd, OSF, Helical (Replaces 3552937) | 1 |
| 6 | 3553969 | ⊗ | Motor, 1/30HP, 1Ph, 115V, 60Hz | 1 |
| | 3556274 ¹ | | Motor, 1/30HP, 1Ph, 115V, 60Hz, Helical (Replaces 3553969) | 1 |
| 7 | 3552958 | ⊗ | Baffle, Hopper, OSF | 1 |
| 8 | 3552947 | | Support Assy, Auger Tube | 1 |
| 9 | 3552940 | | Bushing, Auger | 2 |
| 10 | 3552900 | ⊗ | Auger Assy, OSF | 1 |
| | 3553868 | | Auger Assy, OSF, 2 In Pitch | 1 |
| 11 | 3552942 | | Cover, Auger Tube | 1 |
| 12 | 1132264 | | TFSCR, HXWH, 8-18 X 3/8 ZP AB | 6 |
| 13 | 1178004 | | SSCR, Skt, 1/4-20 x 3/8 ZP | 1 |
| 14 | 3552964 | ⊗ | Bracket, Support, Bushing | 1 |
| | 3552965 | | Bracket, Support, Bushing | 1 |
| 15 | 1293418 | | Pin, Spring, SS, 5/32 x 100 | 1 |
| 16 | 3553882 | ⊗ n/s | Kit, Auger, 2 In Pitch (Includes items 9, 10, 14 & 15) | 1 |
| 17 | 3552963 | n/s | Label, Wiring Diag, Motor, OSF | 1 |
| 18 | 3554353 ² | | Guard, Feed, Drop, OSF | 1 |
| 19 | 1271008 | | Bolt, CRG, 1/4-20 | 8 |
| 20 | 1273352 | | Nut, Hex, 1/4-20 | 8 |
| 21 | 1282386 | | Washer, Plain, 1/4 | 8 |
| 22 | 1283386 | | Washer, Lock, HLCL SPR, 1/4 | 8 |

Note:

- To replace any older version motor or gearbox part with a newer version part, all three items 4, 5 & 6 must be updated. (Old version motor & gearbox parts are painted black, new version parts are gray.)
- For use on Dual Hopper Assy setups.

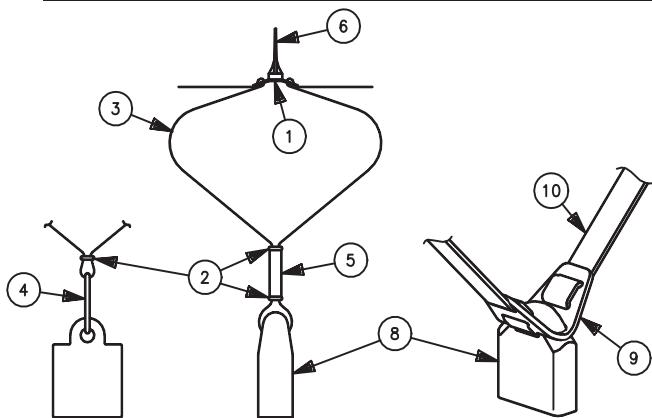
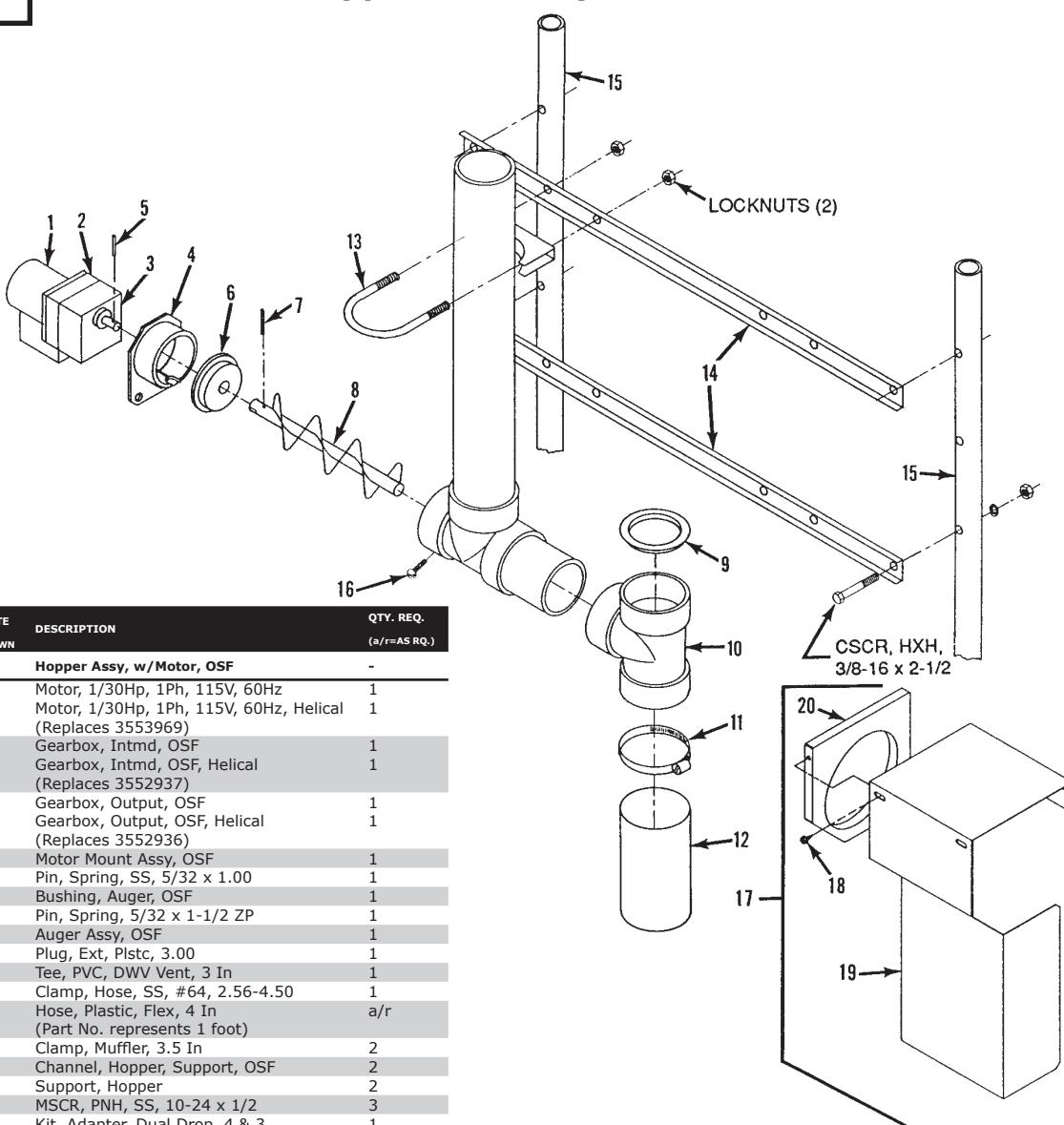
Unitized Outside Feeder Hopper Assembly

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS RQ.) |
|------|----------------------|-----------------------------|--|---------------------------|
| 1 | 3553969 | ⊗ | Hopper Assy, w/Motor, OSF | - |
| | 3556274 ¹ | | Motor, 1/30Hp, 1Ph, 115V, 60Hz | 1 |
| | 3556273 ¹ | | Motor, 1/30Hp, 1Ph, 115V, 60Hz, Helical (Replaces 3553969) | 1 |
| 2 | 3552937 | ⊗ | Gearbox, Intmd, OSF | 1 |
| | 3556273 ¹ | | Gearbox, Intmd, OSF, Helical (Replaces 3552937) | 1 |
| 3 | 3552936 | ⊗ | Gearbox, Output, OSF | 1 |
| | 3556272 ¹ | | Gearbox, Output, OSF, Helical (Replaces 3552936) | 1 |
| 4 | 3554056 | | Motor Mount Assy, OSF | 1 |
| 5 | 1293418 | | Pin, Spring, SS, 5/32 x 1.00 | 1 |
| 6 | 3554057 | | Bushing, Auger, OSF | 1 |
| 7 | 1294420 | | Pin, Spring, 5/32 x 1-1/2 ZP | 1 |
| 8 | 3554081 | | Auger Assy, OSF | 1 |
| 9 | 3554118 | | Plug, Ext, Plstc, 3.00 | 1 |
| 10 | 3554082 | | Tee, PVC, DWV Vent, 3 In | 1 |
| 11 | 8500856 | | Clamp, Hose, SS, #64, 2.56-4.50 | 1 |
| 12 | 3554116 | | Hose, Plastic, Flex, 4 In (Part No. represents 1 foot) | a/r |
| 13 | 3553069 | | Clamp, Muffler, 3.5 In | 2 |
| 14 | 3554024 | ⊗ | Channel, Hopper, Support, OSF | 2 |
| 15 | 3554011 | ⊗ | Support, Hopper | 2 |
| 16 | 1096200 | | MSCR, PNH, SS, 10-24 x 1/2 | 3 |
| 17 | 3554625 ² | ⊗ | Kit, Adapter, Dual Drop, 4 & 3 (Includes items 18, 19 & 20) | 1 |
| 18 | 1007180 | ⊗ | TCSCR, HXWH, SS, 8-32 x 7/16 F | 2 |
| 19 | 3554353 | | Guard, Feed, Drop, OSF | 1 |
| 20 | 3554624 | ⊗ | Adapter, Dual Feed, 4 In & 3 In | 1 |

Note:

1.To replace any older version motor or gearbox part with a newer version part, all three items 4, 5 & 6 must be updated.

2.For use on Dual 3" and 4" Hopper & Auger Assy setups.

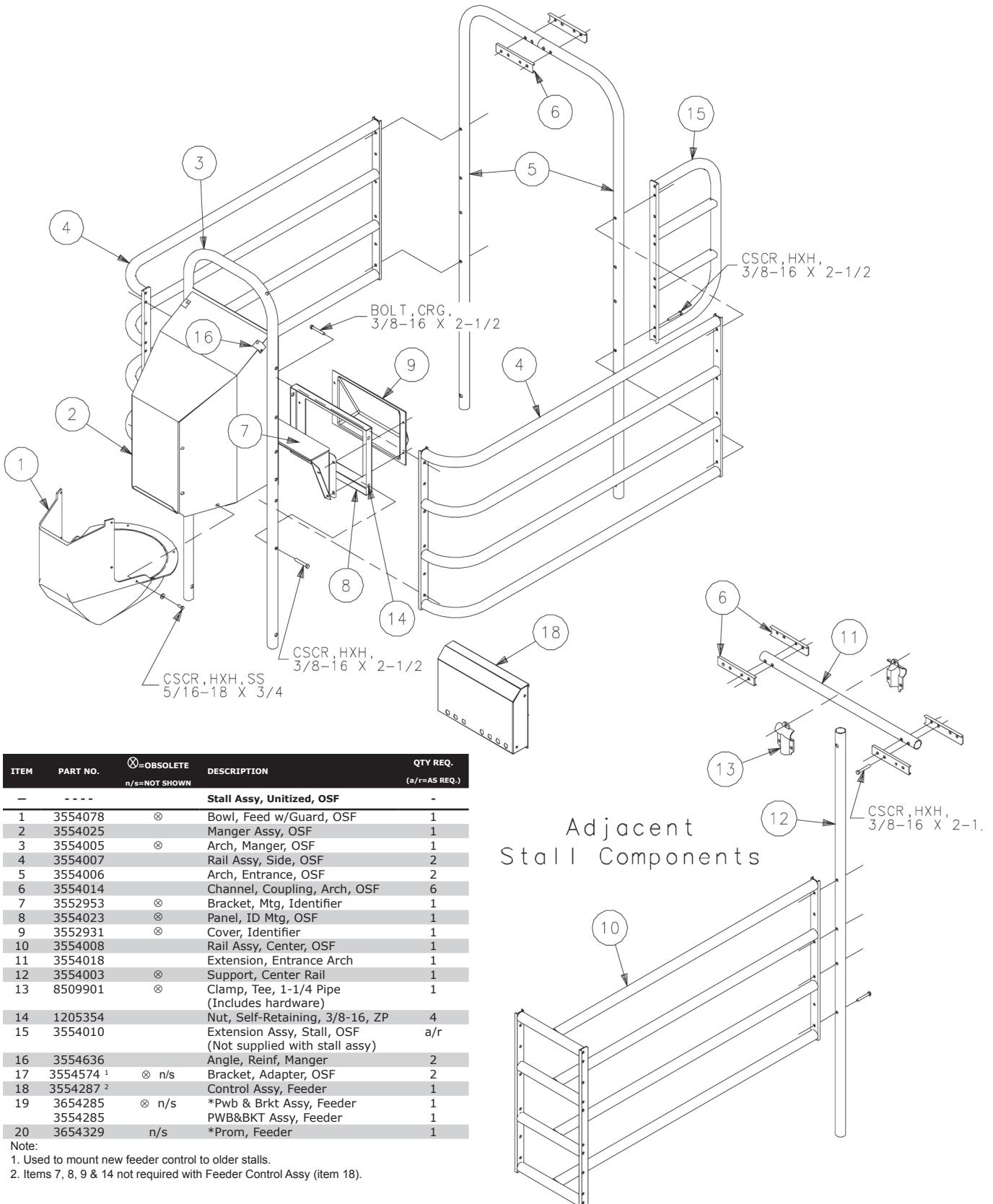


Neckstrap Components

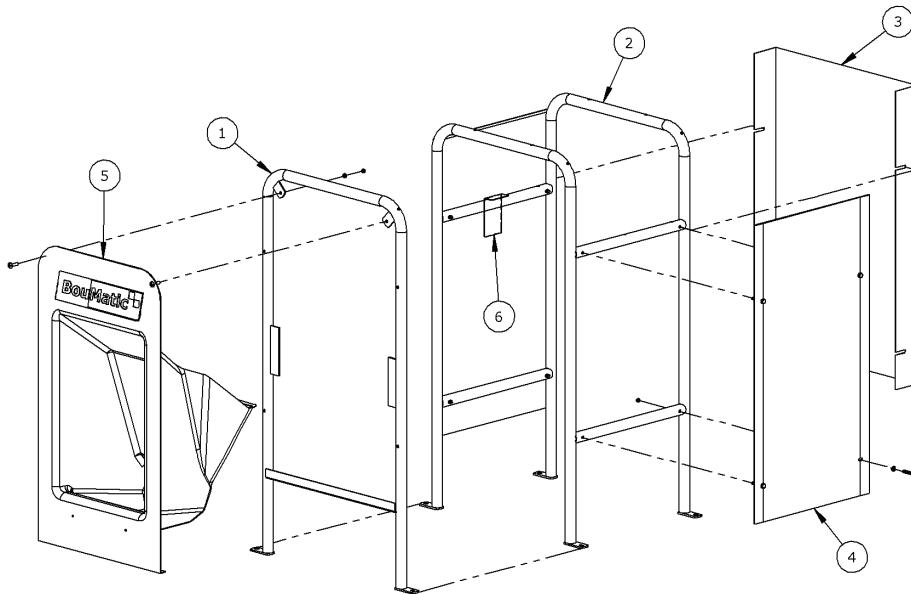
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|--|----------------------------|
| | 3554928 | | Kit, Neck Strap, 25 w/Sleeve | - |
| 1 | 3554495 | ⊗ | Buckle, Slide, 1" | 25 |
| | 3558973 | ⊗ | Buckle, Slide, 1", Anti-Slip | 25 |
| | 3559076 | | Buckle, Slide, 1" | 25 |
| 2 | 3554170 | | Loop, .38 x 1.00 | 50 |
| 3 | 3554902 | | Strap, Webbing, Blu, 1.00 x 62.00 | 25 |
| 4 | 3553899 | ⊗ | Clip, Mounting, ID Tag | - |
| 5 | 3554903 | | Sleeve, Neck Strap | 25 |
| 6 | 3554355 | | Tag, Number, Neck | a/r |
| 7 | ----- | | Literature 9E-585 (Installation instructions) | ref |
| 8 | 3554978 | ⊗ | Tag, Identification, Yel | a/r |
| | 3554979 | | Tag, ID, INTL, Red | a/r |
| 9 | 3557647 | ⊗ | Retainer, Tag, ID | - |
| 10 | 3557828 | ⊗ | Strap, Webbing, Black, 1.00 x 51.00 | - |

Unitized Outside Feeder Stall Assembly

| | |
|--------------------|------|
| SECTION | PAGE |
| F | 97 |
| EFFECTIVE: 7/26/22 | |

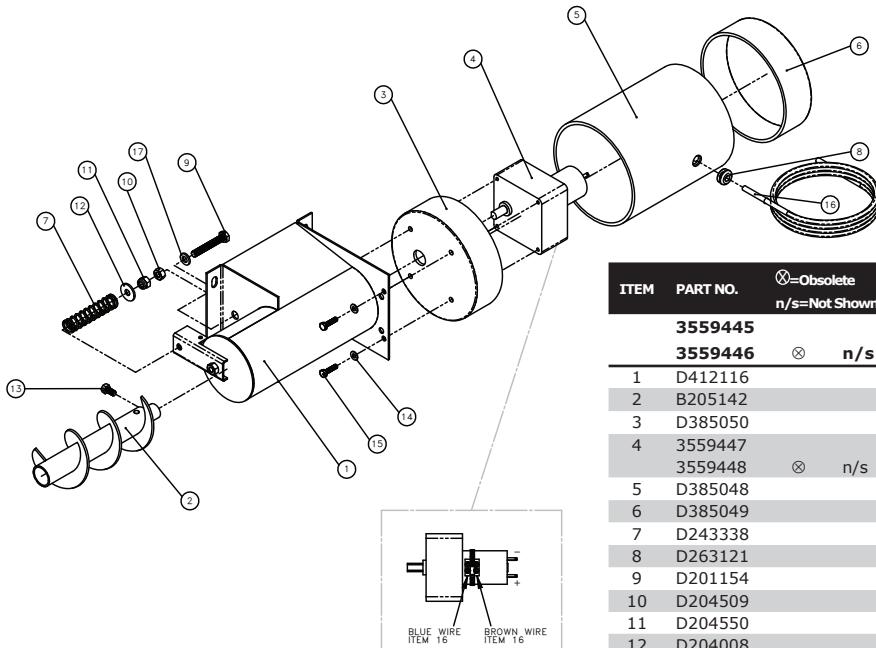


Feeding Station



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|------------------------------|-----------------------------------|
| - | 3559372 | FEEDING STATION | - |
| 1 | 3559380 | FRAME,FEED BOWL,FEEDING STAT | 1 |
| 2 | 3559375 | FRAME,AUGER ID,FEEDING STAT | 1 |
| 3 | B205102 | PANEL,FEED STATION,BACK | 1 |
| 4 | B205101 | PANEL,FEED STATION,SIDE | 2 |
| 5 | 3559384 | MANGER ASSY,FEEDMETRIX | 1 |
| 6 | B205103 | BRACKET,VALVE | 1 |

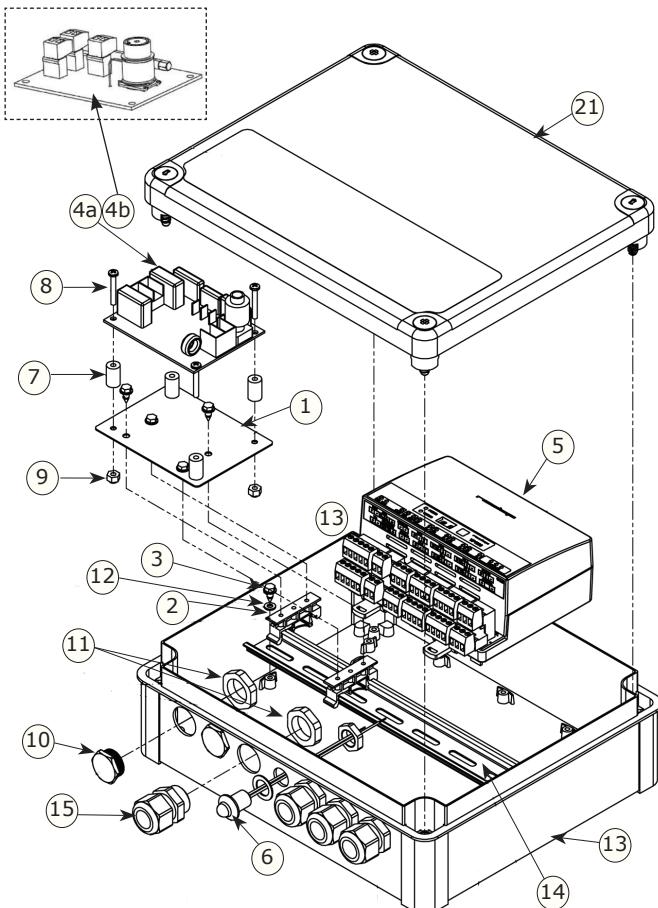
Feeding Station Distributor Assemblies



| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|---------|----------|--------------------------------|---------------------------|
| 3559445 | | DISTRIB,24VDC,OPF FEEDING STAT | 9445 |
| 3559446 | ⊗ n/s | DISTRIB,24VDC,IPF FEEDING STAT | 9446 |
| 1 | D412116 | DISTRIBUTEUR SOUDE | 1 1 |
| 2 | B205142 | WORM,JOINED | 1 1 |
| 3 | D385050 | COUVERCLE PVC PERCE M6T | 1 1 |
| 4 | 3559447 | GEAR MOTOR ASSY,24VDC,8.6RPM | 1 - |
| 5 | 3559448 | GEAR MOTOR ASSY,24VDC,34RPM | - 1 |
| 5 | D385048 | TUBE,PVC,MOTOR | 1 1 |
| 6 | D385049 | BONNET PVC | 1 1 |
| 7 | D243338 | SPRING FOR ANTI WASTE VALVE | 1 1 |
| 8 | D263121 | PASSE CABLE | 1 1 |
| 9 | D201154 | SCREW SET HEX HD M6 X 40 STN S | 1 1 |
| 10 | D204509 | NUT M6 DIN934 A2 | 1 1 |
| 11 | D204550 | NUT DIN985 M6 A2 | 1 1 |
| 12 | D204008 | WASHER PLAIN M6 DIN9021 A2 | 1 1 |
| 13 | D201127 | BOLT M5X10 DIN933 A2 | 1 1 |
| 14 | D204004 | WASHER DIN125 M4 A2 | 4 4 |
| 15 | D201162 | BOLT M4X16 DIN933 A2 | 4 4 |
| 16 | 0052320 | CABLE VTM2 2X0,75MM2 PVC. | 1 1 |
| 17 | D204011 | WASHER M6 DIN125A A2 | 1 1 |

ISO ID Control Assembly with Tuner

SECTION F PAGE 99
EFFECTIVE: 7/18/23



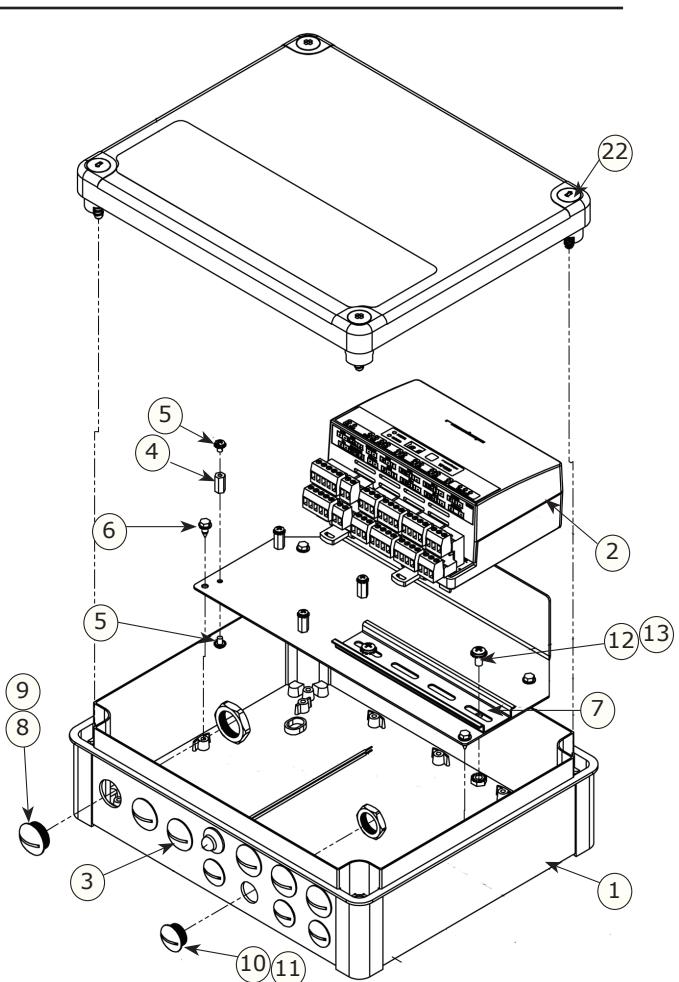
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|-----------------|----------|-----------------------------|-----------------------------------|---------------------------|
| 3559123 | ⊗ | | Control Assy, ISO ID | 9123 |
| 1 | 3559218 | ⊗ | Plate, Mtg, Pwb, ISO ID | 1 |
| 2 | 8510265 | | Adapter, Din Rail, Plastic | 2 |
| 3 | ----- | | Tfscr, Hxwh, 8-18 x 3/8 ZP AB | 6 |
| 4a ¹ | 3559156 | | Pwb Assy, Xfrm, ISO ID | 1 |
| 4b ² | 3563200 | | Tuner, N-Suppression, VP604X | 1 |
| 5 | 3559086 | | Reader Control, ISO ID | 1 |
| | 3563948 | | Reader Control, ISO ID, w/ Filter | 1 |
| 6 | 3558006 | | LED Indicator Assy, Red, 17" | 1 |
| 7 | ----- | | Spacer, Rd, Nyl, .14 x .38 x .62 | 4 |
| 8 | ----- | | Mscr, Pnh, SS, 6-32 x 1 | 4 |
| 9 | 1222377 | | Nut, Lock, Elas, SS, 6-32 | 4 |
| 10 | 3559125 | ⊗ | Plug, Nylon, 1/2 Npt | 2 |
| | 3559240 | | Plug, Hex HD, Nylon, 1/2 NPT | 2 |
| 11 | 1917551 | | Connector, Dome, Nut, 1/2 Npt | 6 |
| 12 | 1208383 | | Washer, Plain, SS, #8 | 2 |
| 13 | 3559214 | | Enclosure, 275 x 225 x 80 | 1 |
| 14 | 3557978 | | Rail, Din, 2M x 35 mm | a/r |
| 15 | 1917533 | | Conn, Str-Rlf, .20 - .35, 1/2 Npt | 4 |
| 16 | 3559080 | n/s | Cable, ISO ID, Coaxial | 1 |
| 17 | 3557453 | n/s | Termination, Prism | 1 |
| 18 | ----- | n/s | Nut, Hex, Keps, SS, 10-32 | 4 |
| 19 | ----- | n/s | Mscr, Pnh, SS, 10-32 x 5/8 | 4 |
| 20 | 3558948 | n/s | Bracket, SmartDairy, Wall Mnt | 4 |
| 21 | 3560883 | | Screw, Plstc, Enclosure, Set of 4 | 1 |
| 22 | 3562064 | n/s | Tool, Antenna tuner Adjustment | a/r |

Notes:

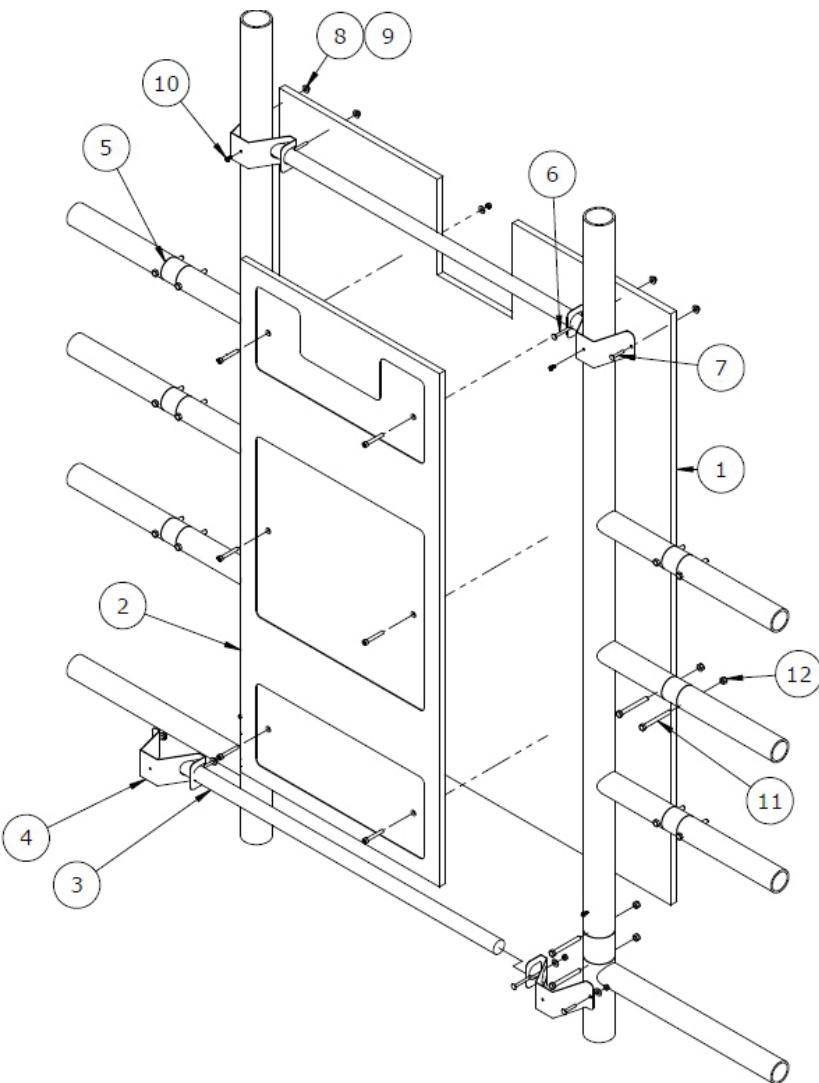
1. 3559156 Pwb Assy, Xfrm, ISO RFID is used with antenna 3559085.
2. 3563200 Tuner, N-Suppression, VP604X is used with antennas 3563201, 3563202 & 3563203.

ISO ID Control Assembly without Tuner

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|------|----------|-----------------------------|------------------------------------|---------------------------|
| | 3561681 | | Control Assy, ISO ID | 1681 |
| 1 | 3559214 | | Enclosure, 275 x 225 x 80MM | 1 |
| 2 | 3559086 | | Reader Control, ISO ID | 1 |
| 3 | 3563948 | | Reader Control, ISO ID, w/ Fliter | 1 |
| 4 | 3558006 | | LED Indicator Assy, Red, 17" | 1 |
| 5 | ----- | | Spacer, Thd, Hex, 6-32 x .500, NYL | 4 |
| 6 | ----- | | Mscr, Pnh, SS, Sems, 6-32 x 1/4 | 8 |
| 7 | 3557978 | | Tfscr, Hxwh, 8-18 x 3/8 ZP AB | 4 |
| 8 | 3561682 | ⊗ | Rail, Din, 2M Long x 35MM Wide | 1 |
| 9 | 3561683 | ⊗ | Conn, Dome, Plug, Gray, M20 x 1.5 | 6 |
| 10 | 3561684 | ⊗ | Conn, Nut, Gray, M20 x 1.5 | 6 |
| 11 | 3561685 | ⊗ | Conn, Dome, Plug, Gray, M16 x 1.5 | 4 |
| 12 | 3561686 | ⊗ | Conn, Nut, Gray, M16 x 1.5 | 4 |
| 13 | 3561687 | ⊗ | Mscr, Pnh, SS, Sems, 10-32 x 3/8 | 2 |
| 14 | 3561688 | ⊗ | Nut, Hex, Keps, SS, 10-32 | 2 |
| 15 | 3561689 | ⊗ | Conn, Str-Rlf, Gray, M16 x 1.5 | 4 |
| 16 | 3561690 | ⊗ | Conn, Str-Rlf, .Gray, M20 x 1.5 | 6 |
| 17 | 3561691 | ⊗ | Hut, Hex, Flange, Lck, 8-32, SS | 4 |
| 18 | 3558948 | n/s | Mscr, Pnh, SS, Sems 8-32 x 1/2 | 4 |
| 19 | 3557453 | n/s | Brkt, SmartDairy, Wall Mnt. | 4 |
| 20 | 3559080 | n/s | Conn, Str-Rlf, Gray, M16 x 1.5 | 1 |
| 21 | N5957885 | n/s | Conn, Str-Rlf, .Gray, M20 x 1.5 | 1 |
| 22 | 3560883 | n/s | Plastic Screw Driver For Anten | 1 |
| | | | Screw, Plstc, Enclosure, Set of 4 | 1 |



ISO ID Antenna and Panel Assembly



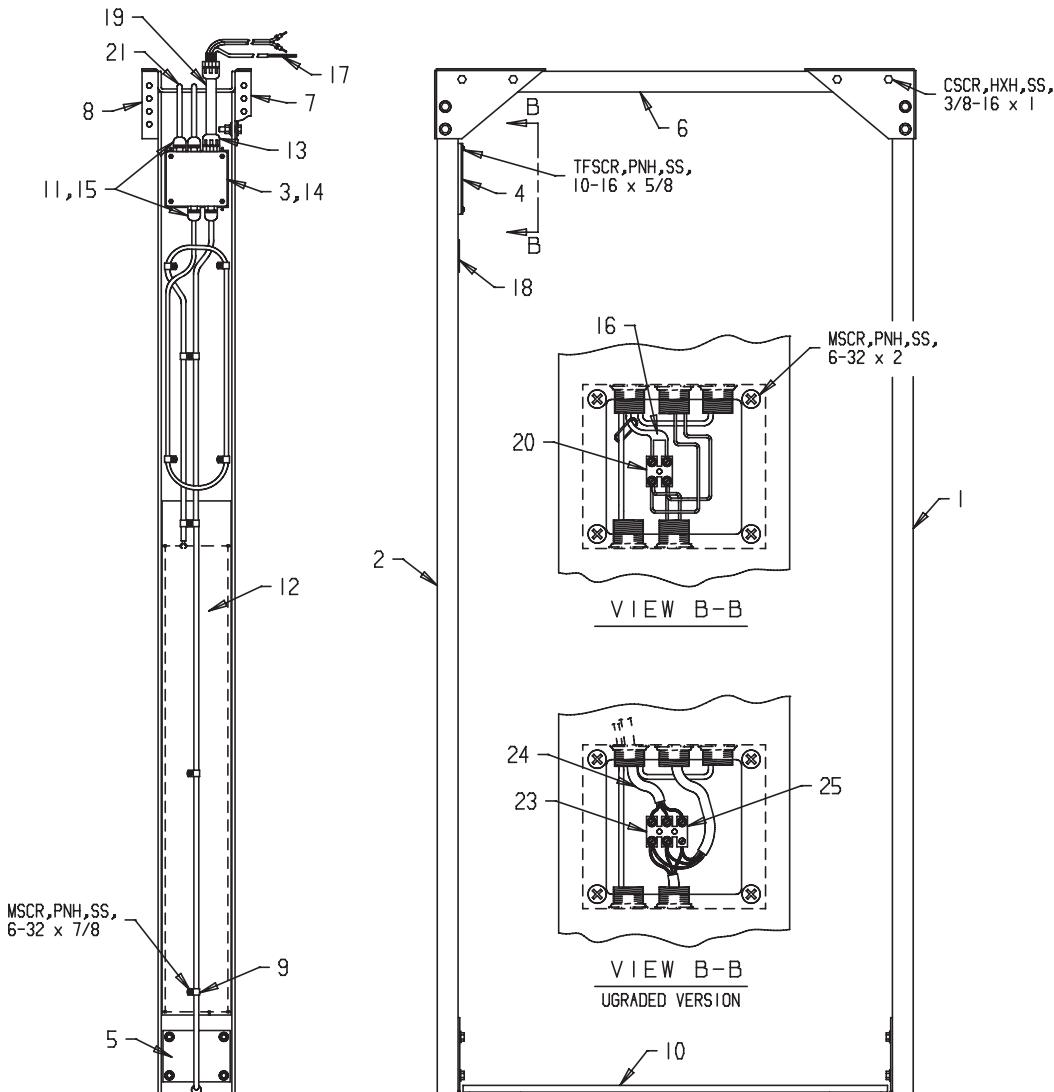
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|------|--|-----------------------------|--|---------------------------|
| 1 | 8581481 3563518 | ⊗ | SHEET, POLYP, .75 X 37.50 x 48.00 SHEET, POLYP, 68 X 52, W/CUT | 1 1 |
| 2 | 3559085 ¹ 3563201 ² 3563202 ² 3563203 ² | ⊗ | ANTENNA, HDPE 60 X 100, ISO ID ANTENNA, NOISE SUPPRESSION 500 X 800MM (for rotary parlors) ANTENNA, NOISE SUPPRESSION 670 X 1500MM (shown) (for non-rotary parlors) ANTENNA, NON NOISE SUPPRESSION 500 X 1200MM (for non-rotary parlors) | 1 1 1 1 1 |
| 3 | 3559228 3563519 | ⊗ | ROD, SHIELD, ISO ID, PARALLEL, LNG ROD, SHIELD, ISO ID, PARALLEL, LNG | 2 2 |
| 4 | 3559226 | | BRACKET, MTG, ISO, PLASTIC | 4 |
| 5 | 8583436 8583437 8583438 8583439 | | KIT, ISOLATOR, ANTENNA, 1.5 SCH40 KIT, ISOLATOR, ANTENNA, 2.0 SCH40 KIT, ISOLATOR, ANTENNA, 2.5 SCH40 KIT, ISOLATOR, ANTENNA, 3.0 SCH40 | 6 6 6 6 |
| 6 | 1201015 | | BOLT, CRG, SS, 1/4-20 X 2 | 4 |
| 7 | 1201013 | | BOLT, CRG, SS, 1/4-20 X 1-1/2 | 4 |
| 8 | 1208386 | | WASHER, PLAIN, SS, 1/4 WID A | 14 |
| 9 | 1222353 | | NUT, LOCK, ELAS, SS, 5/16-18 | 14 |
| 10 | 1007200 | | TCSCR, HXWH, SS, 10-24 X 1/2 F | 4 |
| 11 | 1174058 | | CSCR, HXH, 3/8-16 X 3-1/2 ZP | 16 |
| 12 | 1222354 | | NUT, LOCK, ELAS, SS, 3/8-16 | 16 |

Notes:

1. Antenna 3559085 requires tuner 3559156. Antennas 3563202 or 3563203 may be used to replace 3559085. Note antenna size change. Tuner must be changed from 3559156 to 3563200-Tuner, N-Suppression.
2. Antennas 3563201, 3563202 & 3563203 require tuner 3563200-Tuner, N-Suppression.

ID Control Antenna Assembly

| | |
|-----------------------|--------------------|
| SECTION F | PAGE 101 |
| EFFECTIVE: 11/1/95 | |



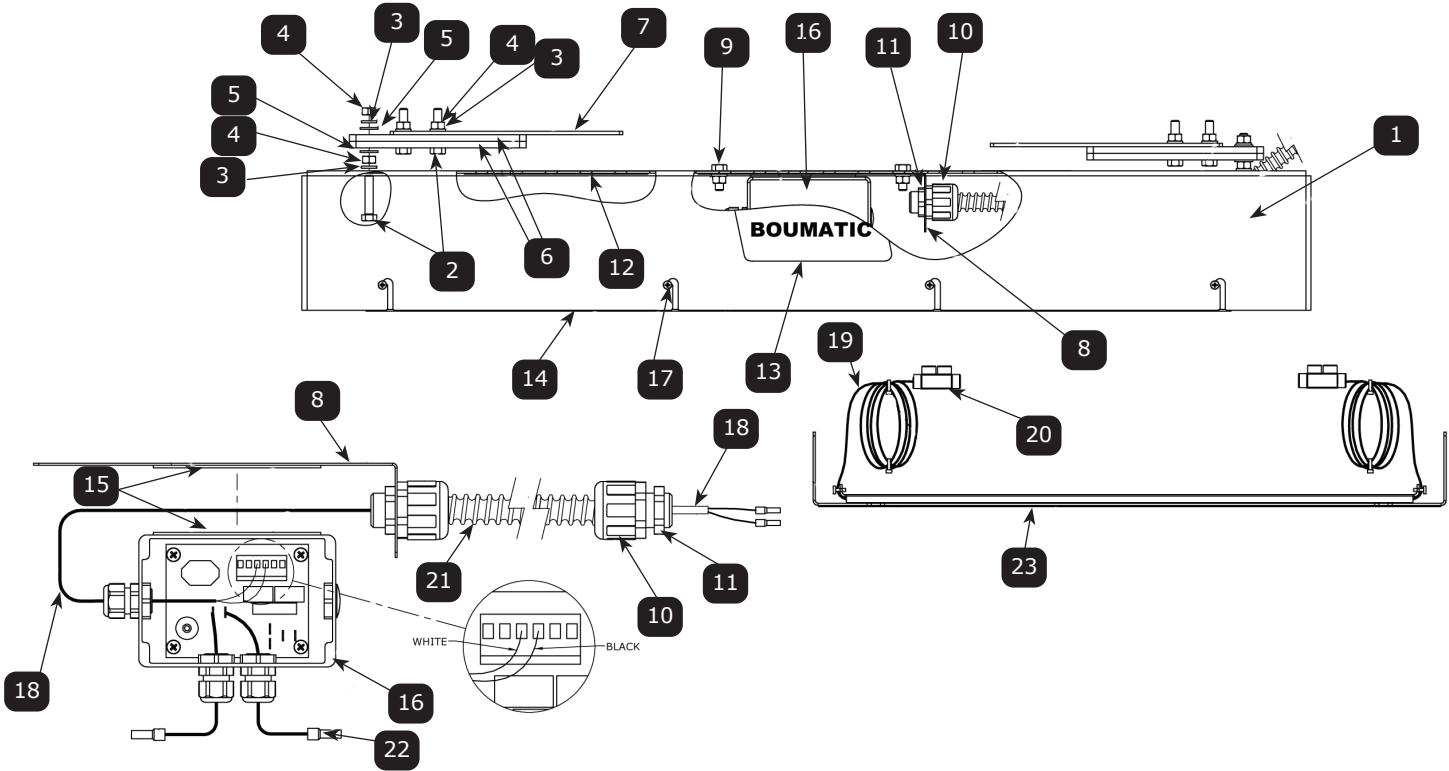
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|------|----------------------|-----------------------------|--|---------------------------|
| | 3554989 | ⊗ | Antenna Assy, ID Control | - |
| 1 | 3553570 | ⊗ | Channel, RH | 1 |
| 2 | 3553571 | ⊗ | Channel, LH | 1 |
| 3 | 3554990 | ⊗ | Enclosure | 1 |
| 4 | 3553576 | ⊗ | Plate, Cover | 1 |
| 5 | 3553577 | ⊗ | Plate, Back | 2 |
| 6 | 3553578 | ⊗ | Channel, Top | 1 |
| 7 | 3553580 | ⊗ | Bracket, Corner, LH | 2 |
| 8 | 3553581 | ⊗ | Bracket, Corner, RH | 2 |
| 9 | 3553582 | | Clamp, Cable, 3/8 | 20 |
| 10 | 3553583 | ⊗ | Bracket Assy, Floor | 1 |
| 11 | 1917532 | | Conn, Str-Rif, .27-.46, 1/2NPT | 4 |
| 12 | 3554645 | ⊗ | Wire Assy, Antenna, Lg | 2 |
| | 3556598 ¹ | | Panel Assy, ID Antenna, 5' | 2 |
| 13 | 3554994 | | Conn, Str-Rif, .50 Dia, 1/2NPT | 2 |
| 14 | 8513864 | ⊗ | Tape, Foam, Pressure-Sensitive | a/r |
| 15 | 8513814 | | Nut, Lock, Conduit, 1/2NPT | 6 |
| 16 | 3554735 | ⊗ | Wire Assy, 22ga TV Wire, 6.5 | 1 |
| 17 | 1996141 | ⊗ | Wire, Solid, 12ga, Blk | a/r |
| 18 | 8506279 | | Label, Bou-Matic, 1.5 x 4 | 1 |
| 19 | 3554995 | | Hose, PVC, Flex, .63 ID | a/r |
| 20 | 1917624 | ⊗ | Connector, Term Strip, 2-Pos | 1 |
| 21 | 3553413 | | Hose, Poly, Nat, .25 ID x .062W | a/r |
| 22 | 3555744 | n/s | Kit, ID Antenna, Upgrade to CowTrakker (Includes Item 12[3556598] & items 23 thru 25) | a/r |
| 23 | 1917621 | | Connector, Term Strip, 3-Pos | 1 |
| 24 | 3556592 | | Cable, ID Antenna | 1 |
| 25 | ----- | | Literature 9E-587 (Retrofit instructions) | a/r |

Note:

- When replacement of one or both of the antenna long wire assy's (3554645) is needed, order item 22: Antenna Upgrade Kit, which contains 2 of the newer version panel assemblies.

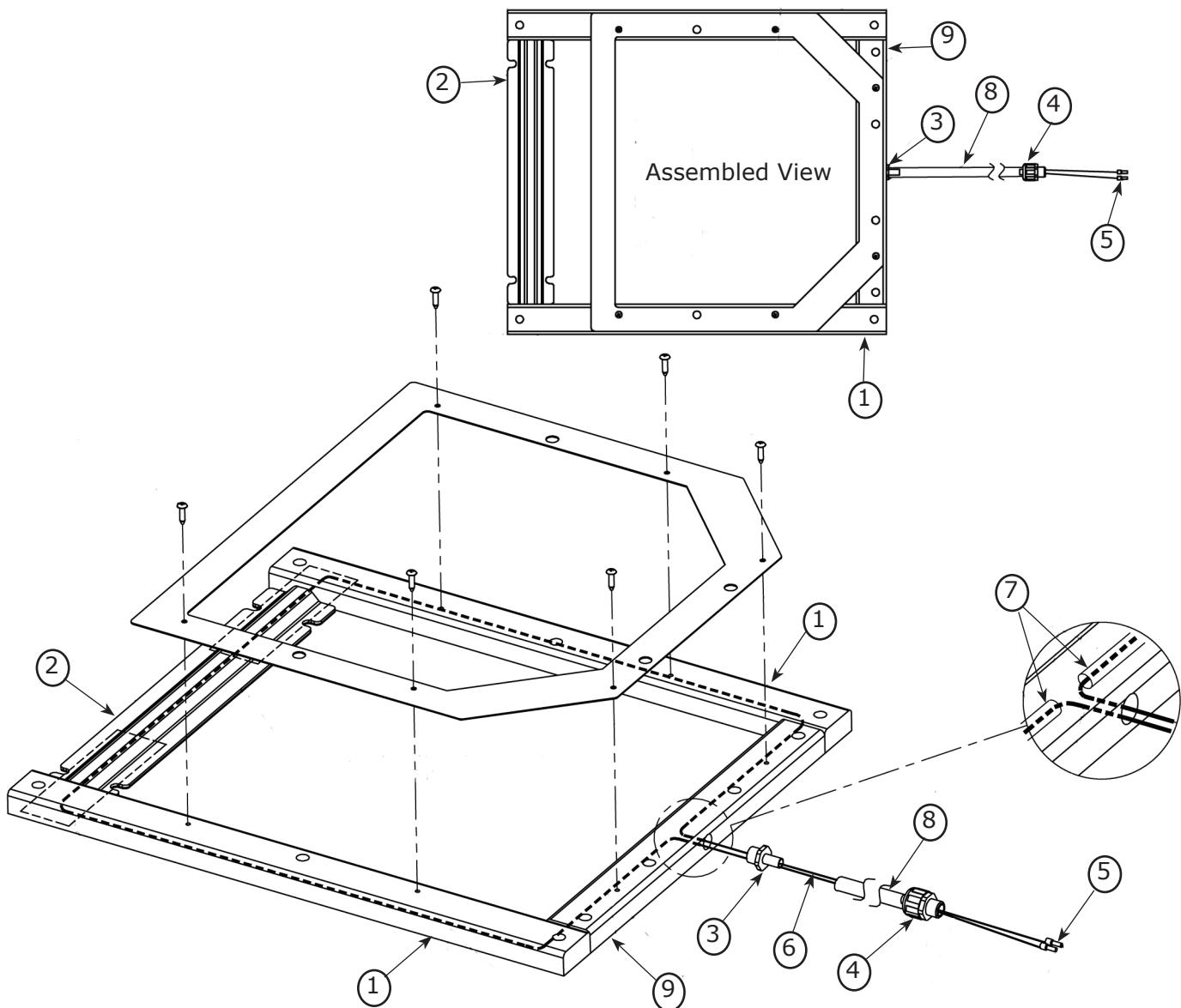
HeatSeeker II Walk-Through Antenna

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY. REQ. (a/r=As Req.) | |
|------|----------|-----------------------------|----------------------------------|----------------------------|------|
| | | | | 1660 | 1661 |
| | 3561660 | | Antenna Assy, Upright, 34in. | 1660 | |
| | 3561661 | | Antenna Assy, Upright, 38in. | | 1661 |
| 1 | 3557455 | | Bracket, Antenna, Top, 4 in. | 1 | - |
| | 3557665 | | Bracket, Antenna, Top, 4" X 38" | - | 1 |
| 2 | ----- | | CSCR, Hxh, SS, 5/1618 x 1-1/2 | 12 | 12 |
| 3 | ----- | | Washer, Lock, HLCL Spr, SS, 5/16 | 18 | 18 |
| 4 | ----- | | Nut, Hex, SS, 5/16-18 | 18 | 18 |
| 5 | ----- | | Washer, Plain, SS, 5/16 NAR A | 24 | 24 |
| 6 | 3556655 | | Strap, Plastic, Antenna, 4in. | 8 | 8 |
| 7 | 3556656 | | Strap, Metal, Antenna, 4in. | 4 | 4 |
| 8 | 3561653 | | Bracket, Antenna, Upright | 1 | 1 |
| 9 | ----- | | CSCR, Hxh, SS, 5/16-18 x 3/4 | 2 | 2 |
| 10 | 3554994 | | Conn, Str-Rlf, Liq-Tite, Hfc 1/2 | 2 | 2 |
| 11 | 1917551 | | Connector, Dome, Nut, 1/2 NPT | 2 | 2 |
| 12 | 3561657 | | Label, Wiring, Upright Antenna | 1 | 1 |
| 13 | 8506120 | | Label, BouMatic, 2.50 x 6.00 | 2 | 2 |
| 14 | 3556631 | | Cover, Antenna, 4in. | 1 | - |
| | 3557663 | | Cover, Antenna, 4" X 38" | - | 1 |
| 15 | 3561658 | | Tape, Velcro, 1in. x 15 ft | a/r | a/r |
| 16 | 3562034 | | XFMR, Antenna, EWA, High PWR | 1 | 1 |
| 17 | ----- | | TFSCR, Pnh, SS, 8-18 x 1/2 AB | 8 | 8 |
| 18 | 3561652 | | Cable Assy, Antenna, 10 ft | 1 | 1 |
| 19 | 3561654 | | Cable, Welding, 2ga | a/r | a/r |
| 20 | 3561655 | | Connector, Splicer/Reducer | 2 | 2 |
| 21 | 3554995 | | Conduit, Flex, Liq-Tite, HF2 1/2 | a/r | a/r |
| 22 | 1916637 | | Connector, Pin, Ferrule, 10ga | 2 | 2 |
| 23 | 3561672 | | Threshold Assy, Floor Antenna | 1 | - |
| | 3561675 | | Threshold Assy, Upright Ant, 38" | - | 1 |
| 24 | 3556630 | | Channel, Antenna, 4in. | 2 | 2 |
| 25 | 3556654 | n/s | Kit, Anchor Bolt, Pk of 4 | 1 | 1 |
| 26 | 3556629 | n/s | Plate, Antenna, 4in. | 4 | 4 |
| 27 | ----- | n/s | Washer, Lock, HLCL Spr, SS, 5/16 | 16 | 16 |
| 28 | ----- | n/s | CSCR, HXH, SS, 5/16-18 x 3/4 | 16 | 16 |
| 22 | 3562064 | n/s | Tool, Antenna tuner Adjustment | a/r | |



HeatSeeker II Floor Antenna & Floor Antenna, Feeder

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EFFECTIVE: 9/6/23



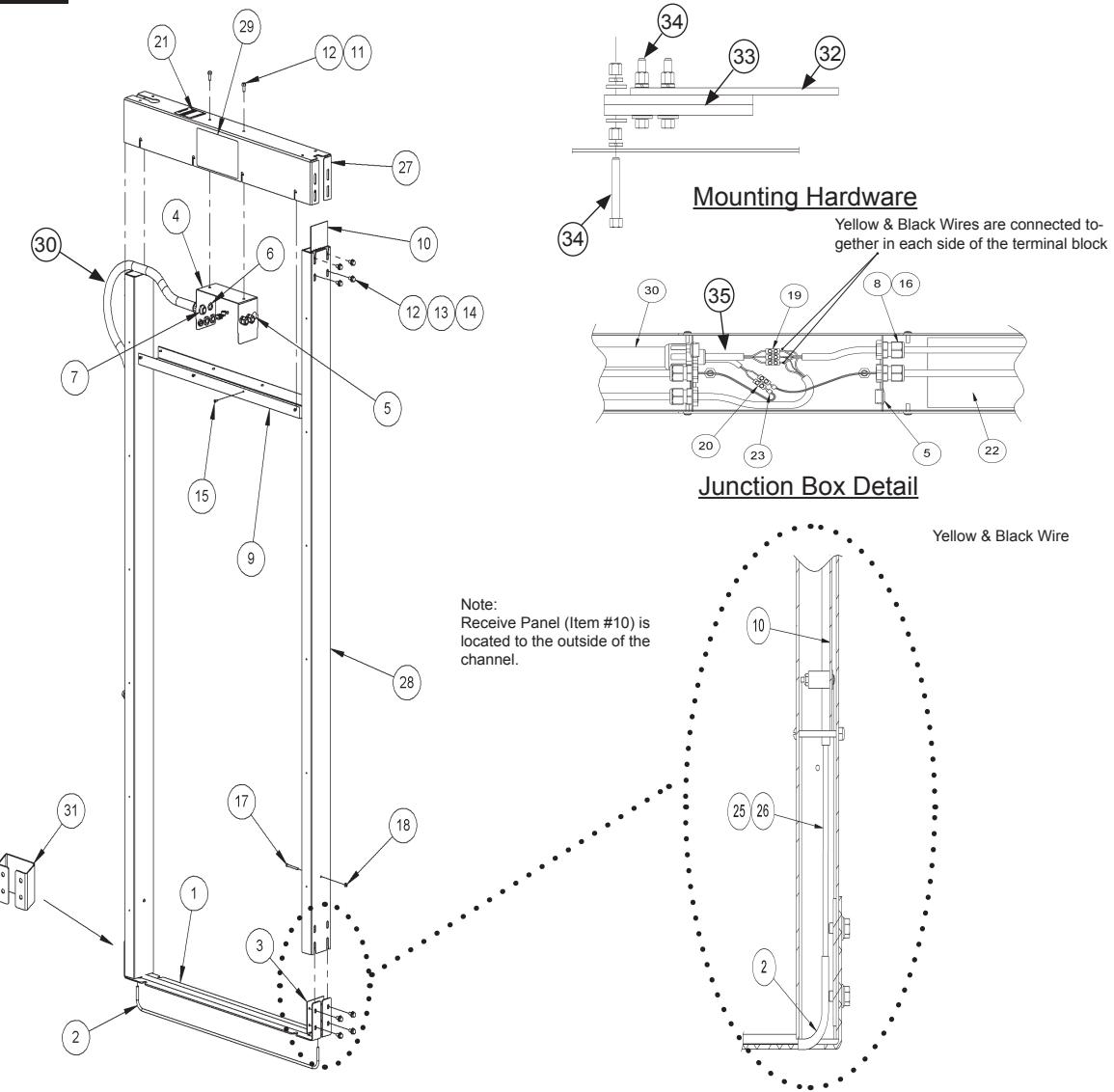
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY. REQ. (a/r=As Req.) |
|---------|----------------------|-----------------------------|--------------------------------------|----------------------------|
| 3561696 | | | Ground Antenna Assy, OOPF (shown) | 1696 |
| 3561612 | | | Ground Antenna Assy | 1612 |
| 1 | 3561689 | | Guide, Side, Antenna, OOPF | 2 - |
| | 3561606 | n/s | Guide, Side, Ground Antenna | - 2 |
| 2 | 3561695 | | Threshold Assy, OOPF | 1 - |
| | 3561609 | n/s | Weldment, Ground Antenna | - 2 |
| 3 | 3561610 | | Conn, Str-Rlf, Quick Twist, 3/8 | 1 1 |
| 4 | 3561611 | | Conn, Str-Rlf, Liq-Tite, HFC 3/8 | 1 1 |
| 5 | 1916655 | | Connector, Pin, Ferrule, 8GA | 2 2 |
| 6 | 1997030 | | Wire, Strd, 8AWG, Black | a/r a/r |
| 7 | 8506904 ¹ | ⊗ | Hose, Vinyl, .25 x .125, Blk/Wht | a/r a/r |
| | 40163932C | | Tube, Vacuum, Single, 9/32" X 100 Ft | a/r a/r |
| 8 | 3557523 | | Conduit, Flex, Liq-Tite, HF1 3/8 | a/r a/r |
| 9 | 3561691 | | Guide, Front, Antenna, OOPF | 1 - |
| 10 | 1917680 | ⊗ | n/s Connector, Term Strip, 2-POS | 1 1 |
| 11 | 3558766 | n/s | Anchor, Floor, Set of 4 | 4 4 |
| 12 | 1917551 | n/s | Connector, Dome, Nut, 1/2 NPT | 1 1 |

Notes:

1. Replaced by 40163932C. Note that this is a 100-foot roll.

Antenna Assembly

Antenna Assembly, StepMetrix



| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------|----------------------|---------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|---|-----------------------------------|
| - | 3557197 | n/s Antenna Assy, 34" (5ft rec.) | 197 | - | 3557197 | n/s Antenna Assy, 34" (5ft rec.) | 197 |
| | 3556635 | ⊗ n/s Antenna Assy, (4ft rec. panels) | 635 | | 3556635 | ⊗ n/s Antenna Assy, (4ft rec. panels) | 635 |
| | 3557661 | n/s Antenna Assy, 38" (Rotary) | 661 | | 3557661 | n/s Antenna Assy, 38" (Rotary) | 661 |
| | 3558711 | Antenna Assy, StepMetrix, 34" | 711 | | 3558711 | Antenna Assy, StepMetrix, 34" | 711 |
| 1 | 3557454 | Bracket, Antenna, Floor, 34" | 1 | 22 | 3556637 | Label, Wiring, 4" Antenna | 1 |
| | 3557666 | Bracket, Antenna, Floor, 38" | - | 23 | 1916638 | Connector, Pin, Ferrule, 12GA | 2 |
| 2 | 3557460 ² | Tube, Frmd, SS, .31, 34" | 1 | 24 | ----- | ----- | 2 |
| | 3557664 | Tube, Frmd, SS, .31, 38" | - | 25 | 1997028 | Wire, Strand, 12AWG, Black | 22 |
| 3 | 3556629 | Plate, Antenna, 4" | 4 | 26 | 1939242 | Insulated, Sleeve, Tef, SW, .166 ID | 7 |
| 4 | 3556628 | Bracket, Junction, Box | 1 | 27 | 3557455 | Bracket, Antenna, Top, 4" | 1 |
| 5 | 4019435 | Plug, Int, Plastic, .75 | 2 | 28 | 3557665 | Bracket, Antenna, Top, 4" x 38" | - |
| 6 | 3551755 | Plug, Int, Plastic, .875 | 1 | 3556630 | Channel, Antenna, 4" | 2 | |
| 7 | 1917551 | Connector, Dome, Nut, 1/2 NPT | 1 | 3558707 | Channel, StepMetrix, Antenna, 4" | - | |
| 8 | 1917504 | Conn, Str-Rif, .23 - .39, PG11 | 4 | 29 | 8506120 | Label, Bou-Matic, 2.25 x 6 | 1 |
| 9 | 3556631 | Cover, Antenna, 4" | 1 | 30 | 8513358 | Label, StepMetrix, 4.50 x 8.50 | - |
| | 3557663 | Cover, Antenna, 4" x 38" | - | 3557681 | Cable Assy, LG, ID Antenna | 1 | |
| 10 | 3556634 [⊗] | Panel Assy, ID Antenna, (4ft Rec.) | 2 | 3558709 | Cable Assy, StepMetrix, Antenna | - | |
| | 3557200 ¹ | Panel Assy, ID Antenna, (5ft Rec.) | 2 | 31 | 8504208 | Sleeve, ID Antenna (used on rotary installations only) | a/r |
| 11 | 1222353 | Nut, Lock, Elas, SS, 5/16 - 18 x 3/4 | 2 | 32 | 3556656 | Strap, Metal, Antenna, 4" | 4 |
| 12 | 1091027 | Cscr, Hxh, SS, 5/16 - 18 x 3/4 | 2 | 33 | 3556655 | Strap, Plastic, Antenna, 4" | 4 |
| 13 | 1208387 | Washer, Plain, SS, 5/16 | 16 | 34 | 1094032 | Mscr, Hxh, SS, 5/16 - 18 x 1 1/2 | 12 |
| 14 | 1209387 | Washer, Lock, HLCL Spring, SS, 5/16 | 16 | 35 | 3556643 [⊗] | Cable, ID Antenna, 108" (used with | 1 |
| 15 | 1027265 | Tfscr, Pnh, SS, 8 - 18 x 1/2 | 8 | 3557199 ¹ [⊗] | Cable, ID Antenna, 102" (used with | - | |
| 16 | 1917562 | Connector, Dome, Nut, PG11 | 4 | 36 | 3556654 | Kit, Anchor Bolt, Pk of 4 | 1 |
| 17 | 1002210 | Mscr, Rhd, SS, 10 - 24 x 2.25 | - | 37 | ----- | Lit. 9E-718 (Installation Instructions) | ref |
| 18 | 1222379 | Nut, Lock, Elas, SS, 10 - 24 | - | | ----- | Lit. 9E-864 (Installation Instructions) | - |
| 19 | 1917621 | Connector, Term Strip, 3-Position | 1 | | | ref | ref |
| 20 | 1917660 | Connector, Term Strip, 2-Position | 1 | | | - | - |
| 21 | 3556636 [⊗] | Nameplate, Antenna Assy | 1 | | | | |
| | 3557662 [⊗] | Nameplate, Antenna Assy, 38" | - | | | | |
| | 3558752 | Nameplate, Antenna, StepMetrix | - | | | | |

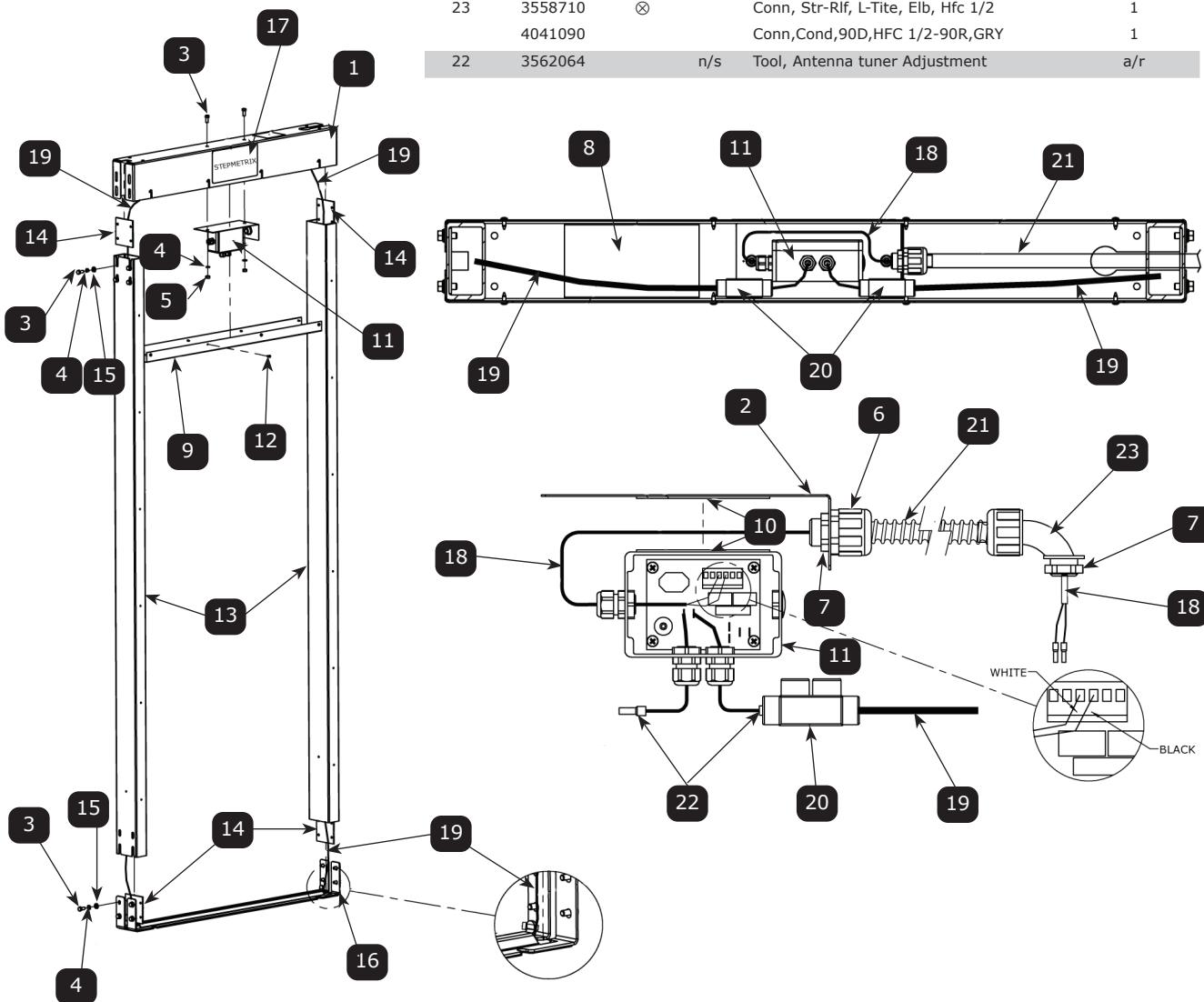
Notes:

- To replace a 48" panel assembly (3556634) you must order 2 of the 64" panel assemblies (3557200) and 1 of the 102" ID antenna cables, Item 4 (3557199).
- When updating an older antenna assembly by adding a formed SS tube (item 2), you must also replace the floor bracket (item 1) to accommodate the formed tube.

StepMetrix, Walk-Thru Antenna

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EFFECTIVE: 3/6/13

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=As Req.) |
|------|----------|-------------------------------------|----------------------------|
| | 3561727 | Antenna Assy, Upright, 34in., SMX | 1727 |
| 1 | 3557455 | Bracket, Antenna, Top, 4in. | 1 |
| 2 | 3561653 | Bracket, Antenna, Upright | 1 |
| 3 | ----- | CSCR, HXH, SS, 5/16-18 x 3/4 | 18 |
| 4 | ----- | Washer, Lock, HLCL Spr, SS, 5/16 | 18 |
| 5 | ----- | Nut, Hex, SS, 5/16-18 | 2 |
| 6 | 3554994 | Conn, Str-Rif, Liq-Tite, HFC 1/2 | 1 |
| 7 | 1917551 | Connector, Dome, Nut, 1/2 NPT | 2 |
| 8 | 3561657 | Label, Wiring, Upright Antenna | 1 |
| 9 | 3556631 | Cover, Antenna, 4in. | 1 |
| 10 | 3561658 | Tape, Velcro, 1in. x 15ft | a/r |
| 11 | 3562034 | XFMR,Antenna,EWA,High PWR | 1 |
| 12 | ----- | TFSCR, PNH, SS, 8-18 x 1/2 AB | 8 |
| 13 | 3558707 | Channel, Stpmx, Antenna, 4in. | 2 |
| 14 | 3556629 | Plate, Antenna, 4in. | 4 |
| 15 | ----- | Washer, Plain, SS, 5/16 NAR A | 16 |
| 16 | 3561672 | Threshold Assy, Upright Ant., 34in. | 1 |
| 17 | 8513358 | Label, StepMetrix, 4.50 x 8.50 | 2 |
| 18 | 3561652 | Cable Assy, Antenna, 10ft | 1 |
| 19 | 3561654 | Cable, Welding, 2ga | a/r |
| 20 | 3561655 | Connector, Splicer/Reducer | 2 |
| 21 | 3554995 | Conduit, Flex, Liq-Tite, HF2 1/2 | a/r |
| 22 | 1916637 | Connector, Pin, Ferrule, 10ga | 2 |
| 23 | 3558710 | Conn, Str-Rif, L-Tite, Elb, Hfc 1/2 | 1 |
| | 4041090 | Conn,Cond,90D,HFC 1/2-90R,GRY | 1 |
| 22 | 3562064 | n/s Tool, Antenna tuner Adjustment | a/r |



HeatSeeker II Tags



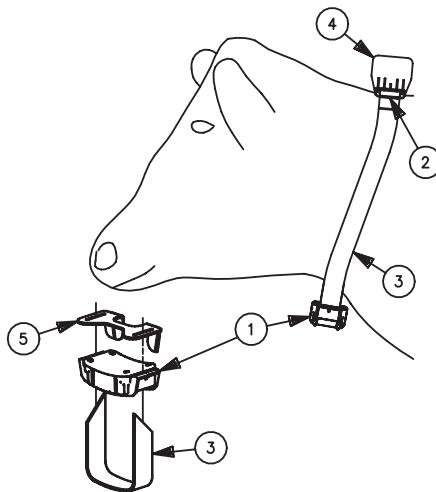
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) | | | |
|------|----------------|-----------------------------|------------------------------------|---------------------------|---|---|---|
| | 8584762 | ⊗ | HeatSeeker II Neck (small) | 4762 | | | |
| | 8584763 | ⊗ | HeatSeeker II Neck Tag Kit (large) | 4763 | | | |
| | 3562453 | ⊗ | HeatSeeker III Neck Tag Kit | 2453 | | | |
| | 8591854 | ⊗ | HeatSeeker 5 Neck Tag Kit | 1854 | | | |
| 1 | 8584761 | ⊗ | Neck Retainer | 1 | - | 1 | 1 |
| 2 | H802520 | | Neck Strap | 1 | 1 | 1 | 1 |
| | 8584760 | ⊗ | HeatSeeker II Neck Tag (small) | 1 | - | - | - |
| 3 | 3562452 | ⊗ | HeatSeeker III Neck Tag | - | - | 1 | - |
| | 3562802 | ⊗ | HeatSeeker 5 Neck Tag | - | - | - | 1 |
| 4 | 3562711 | ⊗ | Heat Seeker II Neck Tag (large) | - | 1 | - | - |



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) | |
|------|----------------|-----------------------------|-----------------------------|---------------------------|---|
| | 8584762 | ⊗ | Heat Seeker II Leg Tag Kit | 4762 | |
| | 3562388 | ⊗ | Heat Seeker III Leg Tag Kit | 2388 | |
| 1 | 8584758 | ⊗ | HeatSeeker II Leg Tag | 1 | - |
| | 3562370 | ⊗ | HeatSeeker III Leg Tag | - | 1 |
| | 3562801 | ⊗ | HeatSeeker 5 Leg Tag | - | - |
| 2 | 8584759 | | HeatSeeker II Leg Strap | 1 | - |
| | 3562368 | ⊗ | HeatSeeker III Leg Strap | - | 1 |
| | 3562800 | | HeatSeeker 5 Leg Strap | - | - |

Cow Trakker Kits

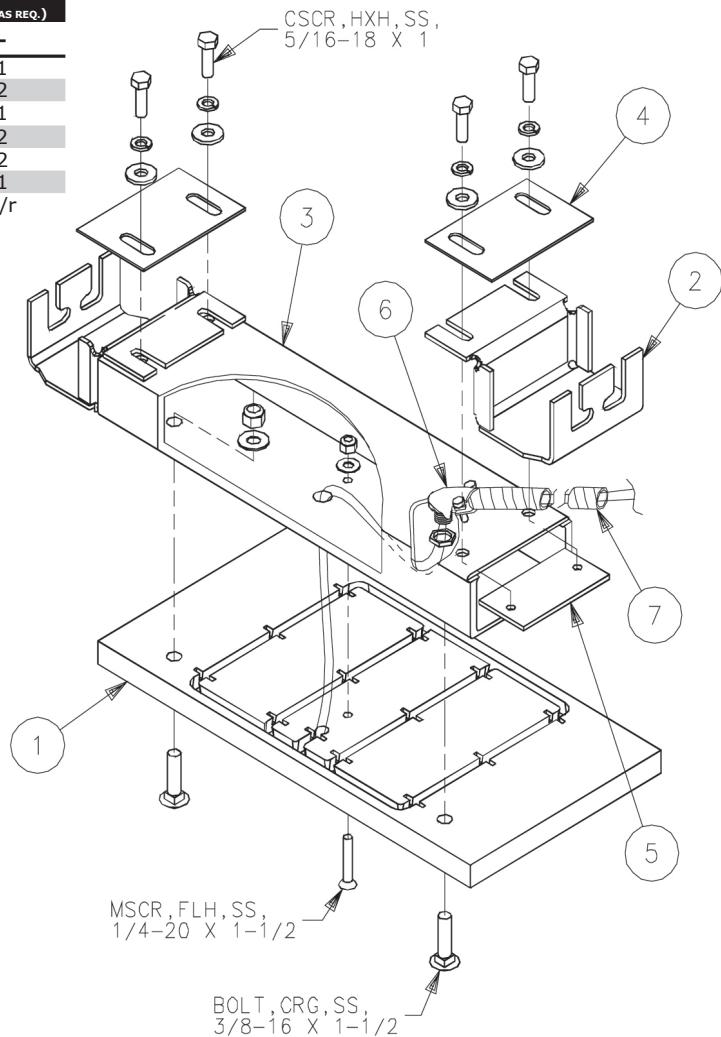
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| SECTION F | PAGE 107 |
| EFFECTIVE: 4/26/22 | |



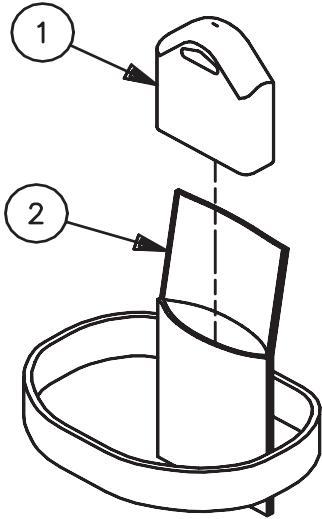
| ITEM | PART NO. | X=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | |
|------|----------|-----------------------------|--|-----------------------------------|------|------|------|
| | | | | 7609 | 7610 | 7534 | 7535 |
| | 3557609 | X | Kit, Cow Trakker™ | | | | 7609 |
| | 3557610 | X | Kit, Cow Trakker, w/Number Tag | | | | 7610 |
| | 3557534 | X | Kit, Cow Trakker, Int | | | | 7534 |
| | 3557535 | X | Kit, Cow Trakker, Int, w/Number Tag | | | | 7535 |
| 1 | 3557590 | X | Tag, Cow Trakker | 1 | 1 | - | - |
| | 3557333 | X | Tag, Cow Trakker, Int | - | - | 1 | 1 |
| 2 | 3557357 | X | Buckle, Slide, 1-1/2" | 1 | 1 | 1 | 1 |
| | 3559143 | | Buckle, Slide, 1.5" (replaces 3557357) | 1 | 1 | 1 | 1 |
| 3 | 3557340 | X | Strap, Webbing, Yel, 1.50 x 55.00 | 1 | 1 | - | - |
| | 3557649 | | Strap, Webbing, White, 1.50 x 55.00 | - | - | 1 | 1 |
| 4 | 3554355 | | Tag, Number, Neck | - | 1 | - | 1 |
| 5 | 3557936 | X | Retainer, CowTrakker | 1 | 1 | 1 | 1 |
| | 3559133 | | Retainer, CowTrakker (replaces 3557936) | 1 | 1 | 1 | 1 |
| 6 | ----- | | Literature 9E-828 (Installation instructions) | ref | ref | ref | ref |

Cow Trakker Feeder Antenna Assembly

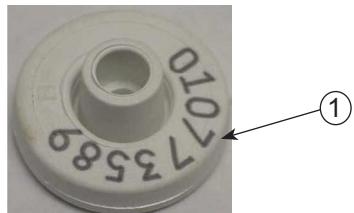
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------|---|----------------------------|
| | 3557716 | Antenna Assy, Feeder, Cowtrakker | - |
| 1 | 3557727 | Panel Assy, Antenna, Feeder | 1 |
| 2 | 3557723 | Bracket, Antenna, Feeder | 2 |
| 3 | 3557726 | Tube, Antenna, Feeder | 1 |
| 4 | 3557725 | Plate, Slide, Feeder | 2 |
| 5 | 3557724 | Plate, Antenna, Feeder | 2 |
| 6 | 3552993 | Conn, Box, .38 Conduit X 45 Deg | 1 |
| 7 | 4014260 | Conduit, Flex Stl, .38 | a/r |



EZ Sort Tag Kit



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------|--------------------------|-----------------------------------|
| | 3557786 | Kit, Tag, EZ Sort | - |
| 1 | 3554979 | Tag, ID, Intl, Red | 1 |
| 2 | 3557784 | Pouch, Tag, EZ Sort | 1 |

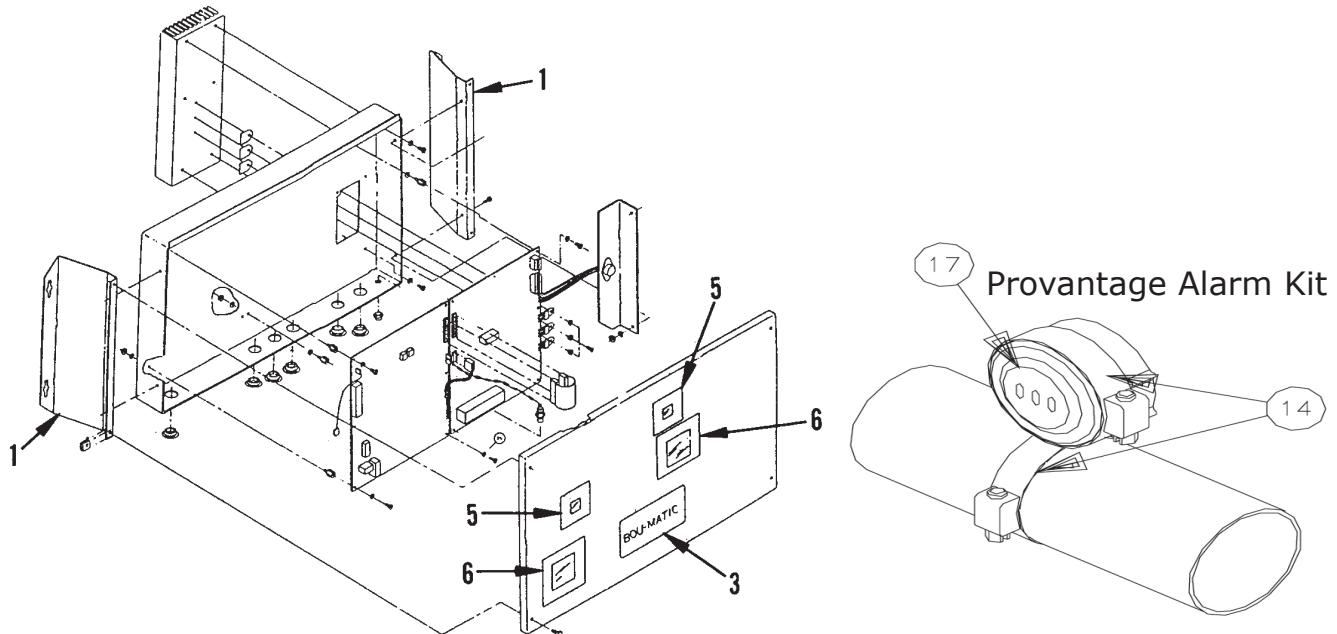


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|------------------------------------|---------------------------|
| 1 | 3558092 | ⊗ | TAG, ID, EAR, ALLFLEX | a/r |
| | 3559477 | | TAG, ID, EAR, ALLFLEX 982, CASE/50 | a/r |
| 2 | 3562248 | ⊗ | READER, ISO WAND | a/r |



Heat/Sort ID Control Assembly, Sort Gate ID Control Assembly, ID Control Assembly

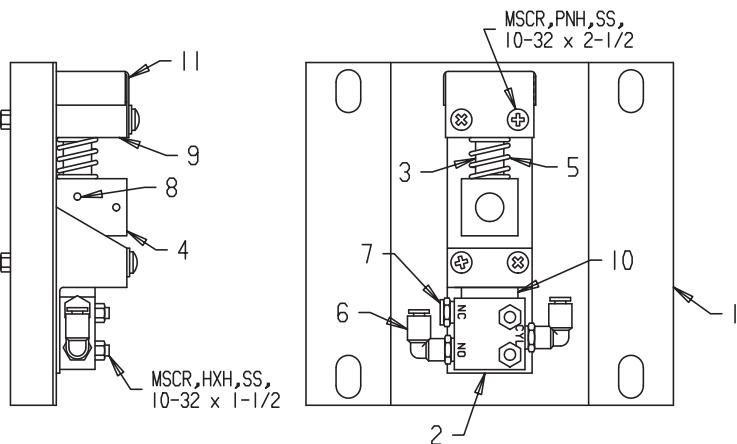
SECTION F PAGE 109
EFFECTIVE: 4/23/20



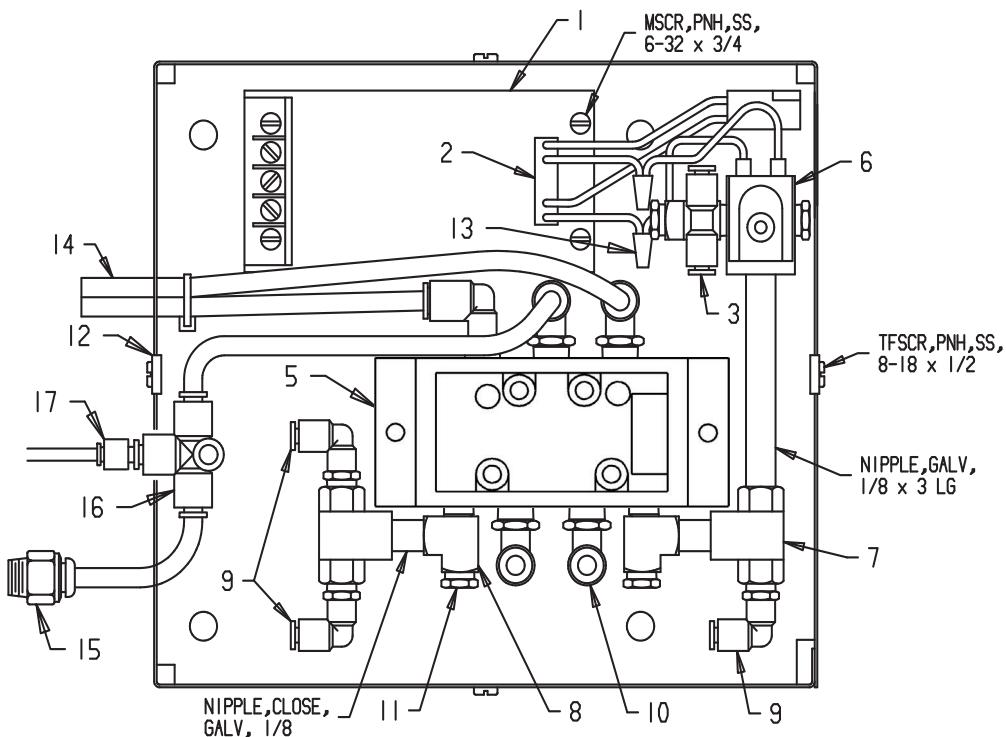
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) | | |
|---------|----------|-----------------------------|---|----------------------------|-----|-----|
| | | | | 234 | 483 | 107 |
| 3556234 | ⊗ | | Control Assy, ID, Heat/Sort | 234 | | |
| 3555483 | | | Control Assy, ID, Sort Gate, INTL (Red or Blue Tag) | | 483 | |
| 3555107 | | | Control Assy, ID, Sort Gate (Yellow Tag) | | 107 | |
| 3554987 | | | Control Assy, Identification (Yellow Tag) | | 987 | |
| 3654988 | ⊗ | | Control Assy, ID, INTL (Red or Blue Tag) | | 988 | |
| 1 | 3553764 | | Bracket, Mtg, ID Control | 2 | - | 2 |
| 2 | 3554436 | n/s | Label, Wiring Diag, ID Control | 1 | 1 | 1 |
| 3 | 8506120 | | Label, Bou-Matic, 2.25 x 6 | 1 | 1 | 1 |
| 4 | 3551200 | n/s | Nut, Speed, #8 | 4 | 4 | 4 |
| 5 | 3553486 | ⊗ | Lens, Polcbn, 2-1/4 x 2-1/4 | 2 | 2 | 2 |
| 6 | 3553487 | | Lens, Polcbn, 3-1/4 x 3-1/4 | 2 | 2 | 2 |
| 7 | 1916815 | n/s | Connector, Plug, RA, 3P x 5mm | 1 | 1 | 1 |
| 8 | 1916816 | n/s | Connector, Plug, RA, 4P x 5mm | 1 | 1 | 1 |
| 9 | 1917635 | n/s | Connector, Term Strip, 7-Pos | 1 | 1 | 1 |
| 10 | 1931835 | n/s | Fuse, 8.00A, 250V, Slow, 1.25 x .25 | 1 | 1 | 1 |
| 11 | 3555224 | ⊗ n/s | Prom, ID | 1 | 1 | 1 |
| 12 | 3556233 | n/s | Prom, ID, Heat/Sort | 1 | - | - |
| | 3657113 | n/s | Prom, smart ID | - | - | 1 |
| | 3655790 | n/s | Prom, ID, Sort/Weigh | - | 1 | - |
| | 3657787 | n/s | Prom, EZ Sort Gate, w/o Tags | - | - | 1 |
| 13 | 3554347 | | Kit, ProVantage Alarm (Includes items 14-18) | a/r | a/r | a/r |
| 14 | 8510201 | | Clamp, Hose, SS, #28, 1.31-2.25 | 2 | 2 | 2 |
| 15 | 1931828 | n/s | Fuse, 3.00 A, 250V, Slow, 1.25 x .25 | 1 | 1 | 1 |
| 16 | 3552785 | n/s | Holder, Fuse | | | |
| 17 | 3554351 | | Alarm, Agricomp | 1 | 1 | 1 |
| 18 | ----- | | Literature 9E-521 (Installation Instructions) | ref | ref | ref |

Sorting Gate Wand/Valve Assembly

| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|---------|----------|--------------------------------------|---------------------------|
| 8507226 | | Wand/Valve Assy, Sorting Gate | - |
| 1 | 8507216 | Bracket, Mtg, Wand Switch | 1 |
| 2 | 8507218 | Valve, 2/3-Way, Pushbutton | 1 |
| 3 | 8507230 | Pin, Pivot, Sorting Gate | 1 |
| 4 | 8507223 | Pivot, Brass, Sorting Gate | 1 |
| 5 | 3551854 | Spring, Compr., .720-.072 .88 | 1 |
| 6 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8NPT | 2 |
| 7 | 8507217 | Muffler, Brass, 1/8NPT | 1 |
| 8 | 1293413 | Pin, Spring, SS, 1/8 x 1 | 1 |
| 9 | 8507219 | Bracket, Guide, Sorting Gate | 1 |
| 10 | 8507220 | Washer, Sealing | 1 |
| 11 | 8590469 | Shield, Wand Switch | 1 |



Sort Control Box Assembly



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|---------|----------------------|---|-----------------------------------|
| 8517683 | | Control Box Assy, Sort (shown) | 683 |
| 8517697 | | Control Box Assy, Manual | 697 |
| 1 | 8514092 | PWB Assy, Sort/Wgt Gate | 1 - |
| 2 | 8507198 | Wire Harness, Sorting Gate | 1 - |
| 3 | 3554109 | Conn, Swl, Tee, 5/32 x 5/32 x 1/8NPT | 1 - |
| 4 | 8507208 | Manifold, Single Subbase | 1 1 |
| 5 | 8507229 | Valve, 4-Way,Dbl Pilot,1/4NPT | 1 1 |
| | 8586224 ¹ | Valve,4-Way,Dbl Pilot,1/4NPT,w/Manifold | 1 1 |
| 6 | 3554066 | Valve, Sol, N/C, 1/8NPT, 24 DC | 1 - |
| 7 | 8507196 | Valve, Shuttle, 1/8NPT | 2 2 |
| 8 | 3551712 | Tee, Brs, Street, 1/8NPT | 3 - |
| | 3551825 | Elbow, Street, 90 Deg, Brs, 1/8 | - 2 |
| 9 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8NPT | 3 3 |
| 10 | 8507022 | Conn, Swl, Elb, 1/4 OD x 1/4NPT | 5 5 |
| 11 | 1431240 | Plug, Hex Hd, Brass, 1/8 | 4 1 |
| 12 | 3551200 | Nut, Speed, #8 | 2 2 |
| 13 | 4012042 | Nut, Wire, Blu, 22-14 AWG | 2 - |
| 14 | 8519183 | Tube, Nylon, .25 x .035 | a/r a/r |
| 15 | 8507100 | Conn, Push, 1/4 x 1/4 NPT | 2 2 |
| 16 | 8507225 | Conn, Push, Tee, 1/4 x 1/4 x 1/4 | 1 1 |
| 17 | 8507259 | Conn, Push, Rdcr, 5/32 x 1/4 Tube | 1 1 |

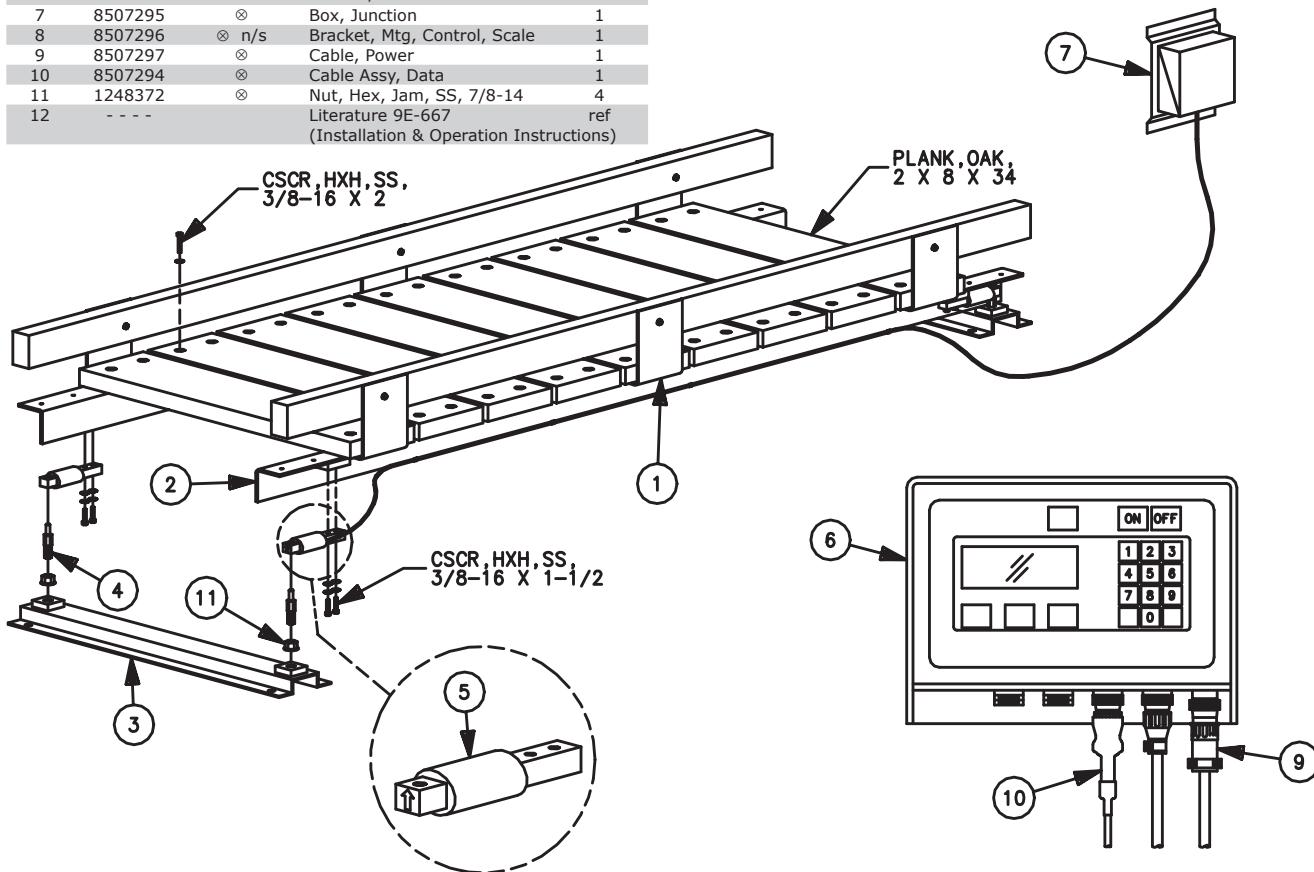
Note:

1. 8586224 Valve, 4-Way now includes manifold 8507208 (item 4).

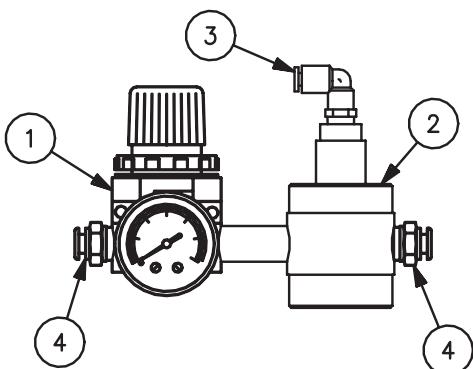
Auto/Weigh Scale

| | |
|-----------------------|--------------------|
| SECTION F | PAGE 111 |
| EFFECTIVE: 3/16/15 | |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|-------------------------|----------|-----------------------------|--|----------------------------|
| Auto/Weigh Scale | | | | |
| 1 | 8517235 | ⊗ | Angle, Mtg, Kick Rail | 6 |
| 2 | 8507292 | ⊗ | Angle Assy, Platform | 2 |
| 3 | 8507286 | ⊗ | Base Assy, Mtg | 2 |
| 4 | 8507288 | ⊗ | Adjuster, Threaded | 4 |
| 5 | 8507289 | ⊗ | Load Cell | 4 |
| 6 | 8507293 | ⊗ | Control, Scale | 1 |
| 7 | 8507295 | ⊗ | Box, Junction | 1 |
| 8 | 8507296 | ⊗ n/s | Bracket, Mtg, Control, Scale | 1 |
| 9 | 8507297 | ⊗ | Cable, Power | 1 |
| 10 | 8507294 | ⊗ | Cable Assy, Data | 1 |
| 11 | 1248372 | ⊗ | Nut, Hex, Jam, SS, 7/8-14 | 4 |
| 12 | ----- | | Literature 9E-667 (Installation & Operation Instructions) | ref |

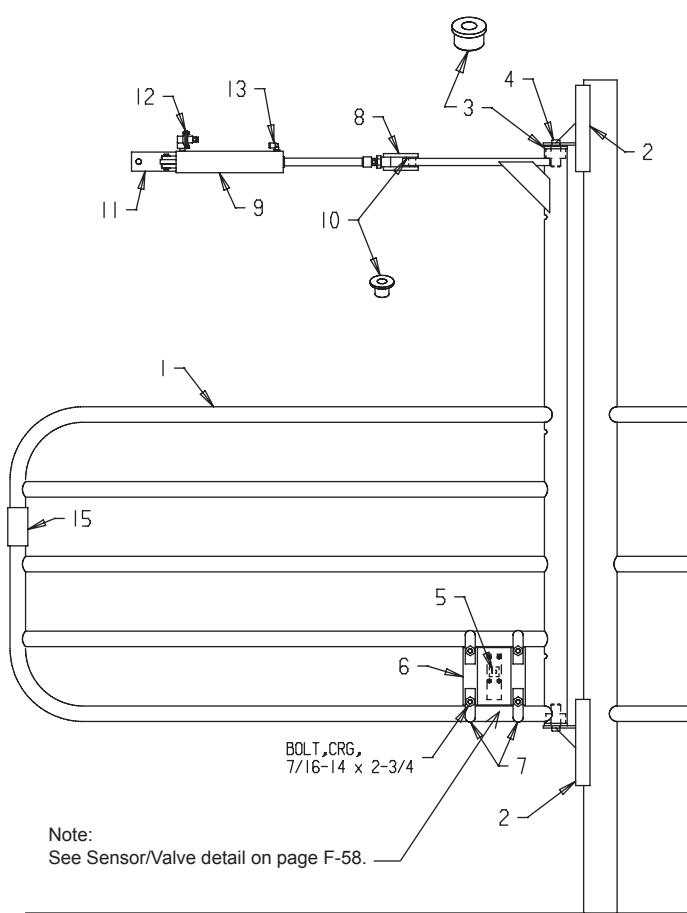


Cylinder Air Control Assembly

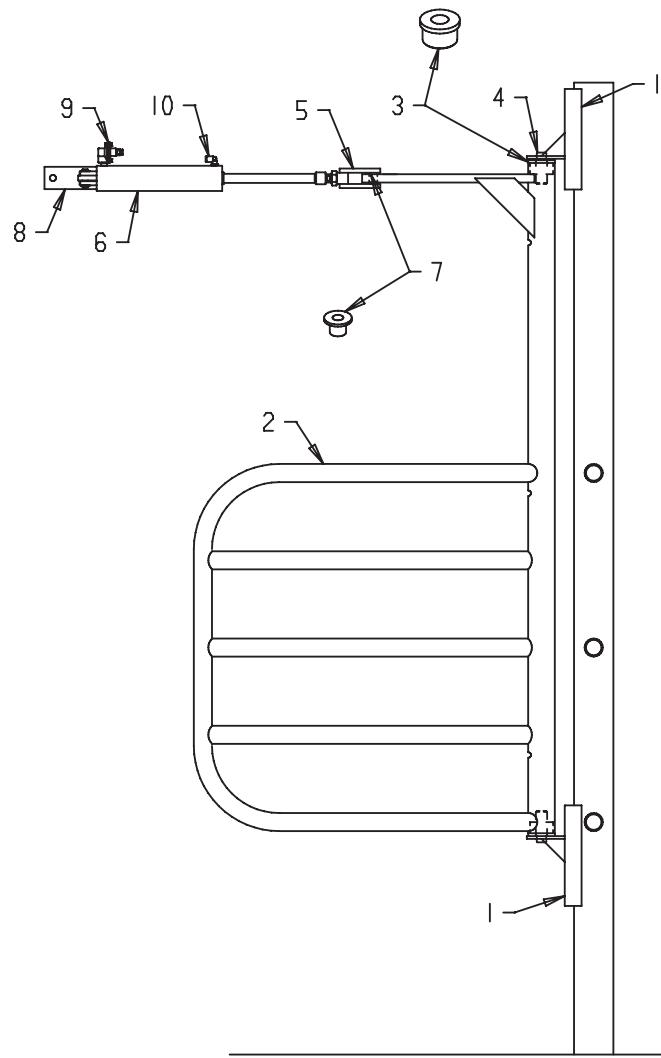


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|---|----------|------------------------------------|----------------------------|
| 8503803 Air Control Assy, Cylinder | | | |
| 1 | 8591643 | Regulator, Valve, w/Gauge, 1/4 NPT | 1 |
| 2 | 8570627 | Valve, 3-Way, NC, Pilot | 1 |
| 3 | 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 1 |
| 4 | 8507013 | Conn, Push, 5/32 x 1/4 NPT | 2 |

Auto-Sort Gate Assembly



Scale Exit Gate



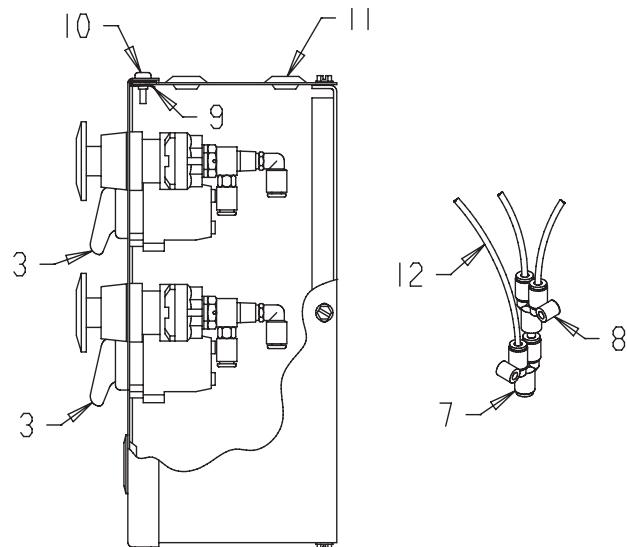
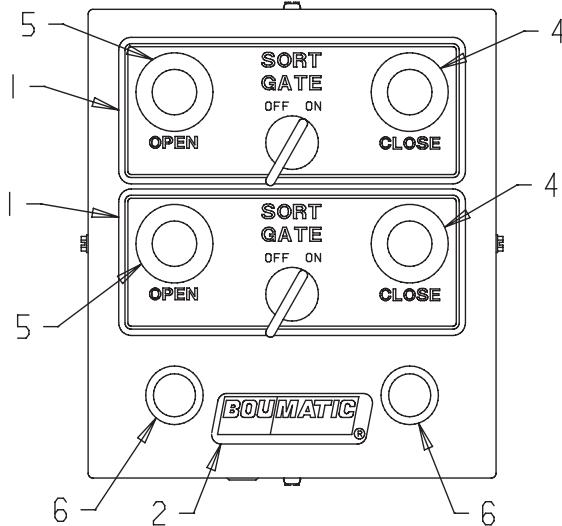
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------------|-----------------------------|--|----------------------------|
| --- | | | Auto-Sort Gate Assy | - |
| 1 | 8507192 | | Gate Assy, 57.00, Sorting | 1 |
| 2 | 8506952 | | Hinge Assy, Bottom | 2 |
| 3 | 8506959 | | Bushing, Flanged, 1.06 x 2.06 | 2 |
| 4 | 3552192 | | Fitting, Grease, 1/4-28 | 2 |
| 5 | 8507224 | | Rod, Nylon, .500 x 16.00 | 1 |
| 6 | 8507226 | | Wand/Valve Assy, Sorting Gate | 1 |
| 6A | 3559301 | n/s | Valve, 4-way, air, low power | 1 |
| 6B | 8500946 | n/s | Sensor, IR, 16 | 1 |
| 7 | 8509907 | ⊗ | Clamp, Bulldog, Half, Galv | 8 |
| 8 | 8552446 | | Clevis Assy, Rod | 1 |
| 9 | 8507215 ¹ | | Cylinder, Air, 2.00 x 12.00 | 1 |
| 10 | 8507236 | | Bushing, Nylon, 1.25 x .50 | 1 |
| 11 | 8553024 | | Plate, Pivot | 1 |
| 12 | 8570630 | | Valve, Exhaust | 1 |
| 13 | 8507022 | | Conn, Swl, Elb, 1/4 OD x 1/4NPT | 1 |
| 14 | 8553534 | | Kit, Repair, Air Cylinder, 8.00 | a/r |
| 15 | 4015850 | | Hose, Vinyl, 1.50 x 32.00 | a/r |
| 16 | --- | | Literature 9P-618 (Installation & Operation Instructions) | ref |

Note

1. See page F-74 for cylinder repair kits.

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------------|-----------------------------|---------------------------------|----------------------------|
| --- | | | Exit Gate, Scale | - |
| 1 | 8507301 | ⊗ | Hinge Assy, Gate, 31.00 | 2 |
| 2 | 8507298 | ⊗ | Gate Assy, 31.00 | 1 |
| 3 | 8506959 | | Bushing, Flanged, 1.06 x 2.06 | 2 |
| 4 | 3552192 | | Fitting, Grease, 1/4-28 | 2 |
| 5 | 8552446 | | Clevis Assy, Rod | 1 |
| 6 | 8507215 ¹ | | Cylinder, Air, 2.00 x 12.00 | 1 |
| 7 | 8507236 | | Bushing, Nylon, 1.25 x .50 | 1 |
| 8 | 8553024 | | Plate, Pivot | 1 |
| 9 | 8570630 | | Valve, Exhaust | 1 |
| 10 | 8507022 | | Conn, Swl, Elb, 1/4 OD x 1/4NPT | 1 |
| 11 | 8553534 | | Kit, Repair, Air Cylinder, 8.00 | a/r |

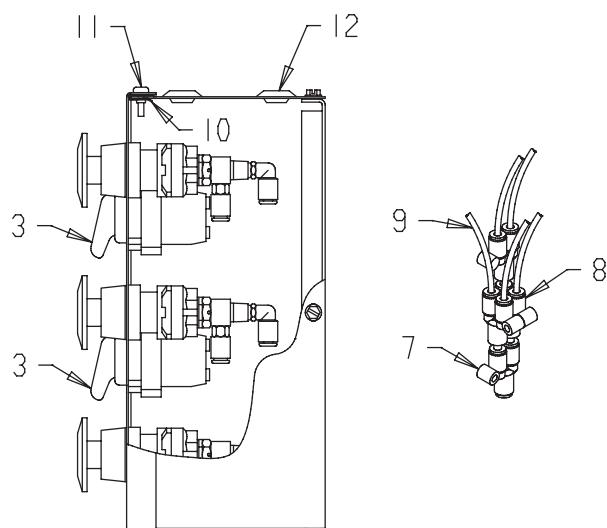
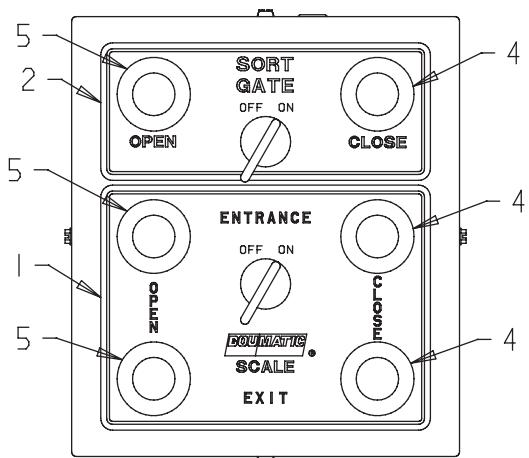
Single & Dual Sort Gate Remote Control Box Assemblies

 SECTION F PAGE 113
 EFFECTIVE: 1/15/95


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|---|----------------------------|
| | 8507210 | Box Assy, Cont, Remote, Sort Gate | 210 |
| | ----- | Box Assy, Cont, Remote, Dual Gate | - |
| 1 | 8517224 | Label, Cont, Sort Gate | 1 2 |
| 2 | 8517226 | Label, Bou-Matic, 1 x 3.25 | 1 1 |
| 3 | 8507213 | Valve, 3-Way, Lever | 1 2 |
| | 8582423 | Valve, 2-Way, Lever (Replacement for 8507213) | 1 2 |
| 4 | 8511420 | Valve Assy, Pushbutton, Blk (Parts on page F-54) | 1 2 |
| | 8518221 | Valve Assy, Pushbutton, 4-Color | 1 2 |
| 5 | 8511419 | Valve Assy, Pushbutton, Grn (Parts on page F-54) | 1 2 |

| | | | | |
|----|---------|----------------------------------|-----|-----|
| 6 | 3551755 | Plug, Int, Plstc, 0.88 | 5 | 2 |
| 7 | 8507088 | Conn, Push, Union, Y, 5/32 | 1 | 2 |
| 8 | 8590279 | Conn, Push, Plug-In, Y, 5/32 | 1 | 2 |
| 9 | 3551200 | Nut, Speed, #8 | 2 | 2 |
| 10 | 1027265 | Tfscr, Pnh, SS, 8-18 x 1/2 | 2 | 2 |
| 11 | 3551754 | Plug, Int, Plstc, 0.50 | 2 | 2 |
| 12 | 3554439 | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r | a/r |

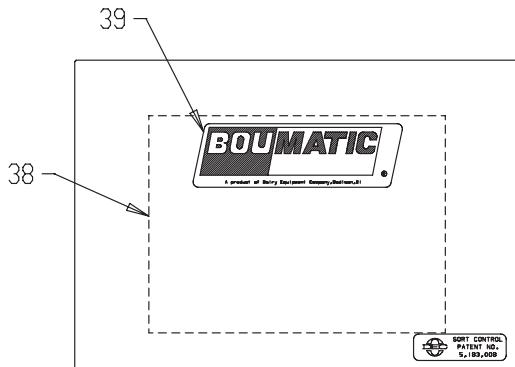
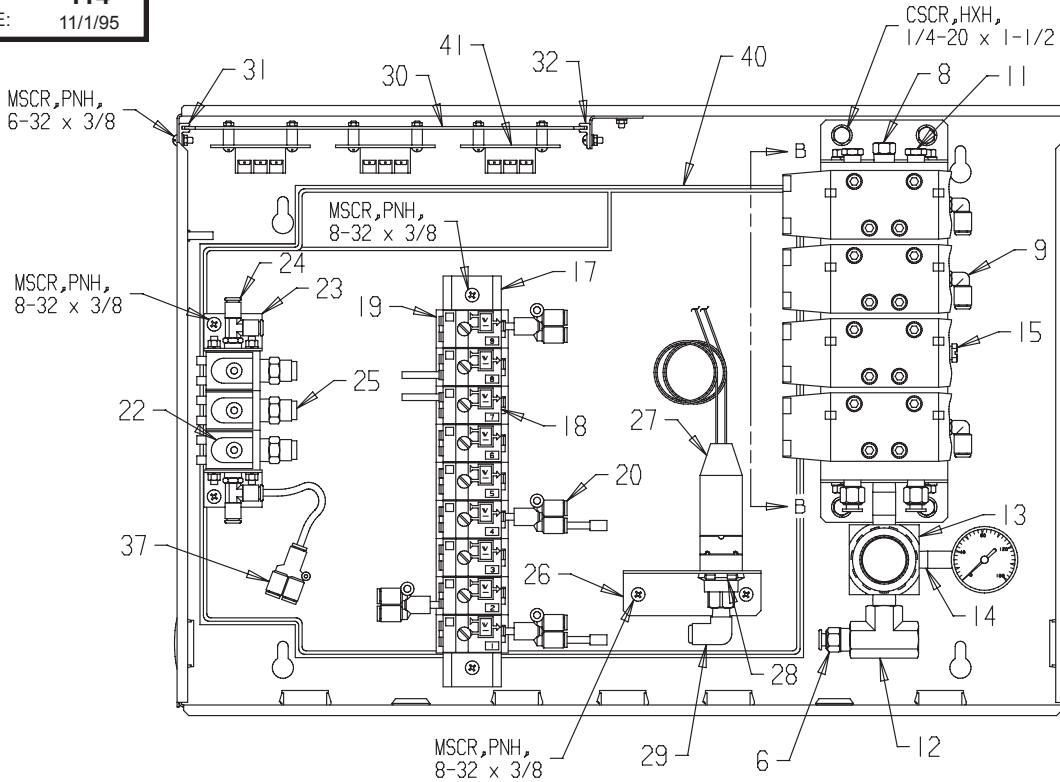
Scale & Sort/Weigh Remote Control Box Assemblies



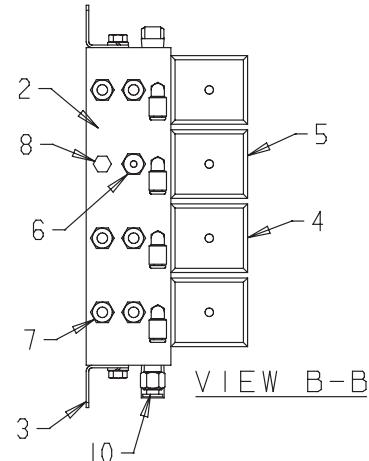
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|---|----------------------------|
| | 8517223 | Box Assy, Cont, Remote, Scale | 223 |
| | ----- | Box Assy, Cont, Remote, Sort/Weigh | - |
| 1 | 8517225 | Label, Control, Scale | 1 1 |
| 2 | 8517224 | Label, Cont, Sort Gate | - 1 |
| 3 | 8507213 | Valve, 3-Way, Lever | 1 2 |
| 4 | 8511420 | Valve Assy, Pushbutton, Blk (Parts on page F-54) | 2 3 |
| 5 | 8511419 | Valve Assy, Pushbutton, Grn (Parts on page F-54) | 2 3 |

| | | | | | |
|----|---------|-----|----------------------------------|-----|-----|
| 6 | 3551755 | n/s | Plug, Int, Plstc, 0.88 | 3 | - |
| 7 | 8507088 | | Conn, Push, Union, Y, 5/32 | 1 | 2 |
| 8 | 8590279 | | Conn, Push, Plug-In, Y, 5/32 | 3 | 4 |
| 9 | 3554439 | | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r | a/r |
| 10 | 3551200 | | Nut, Speed, #8 | 2 | 2 |
| 11 | 1027265 | | Tfscr, Pnh, SS, 8-18 x 1/2 | 2 | 2 |
| 12 | 3551754 | | Plug, Int, Plstc, 0.50 | 2 | 2 |

Sort/Weigh Control Assembly



FRONT COVER
(HALF SCALE)

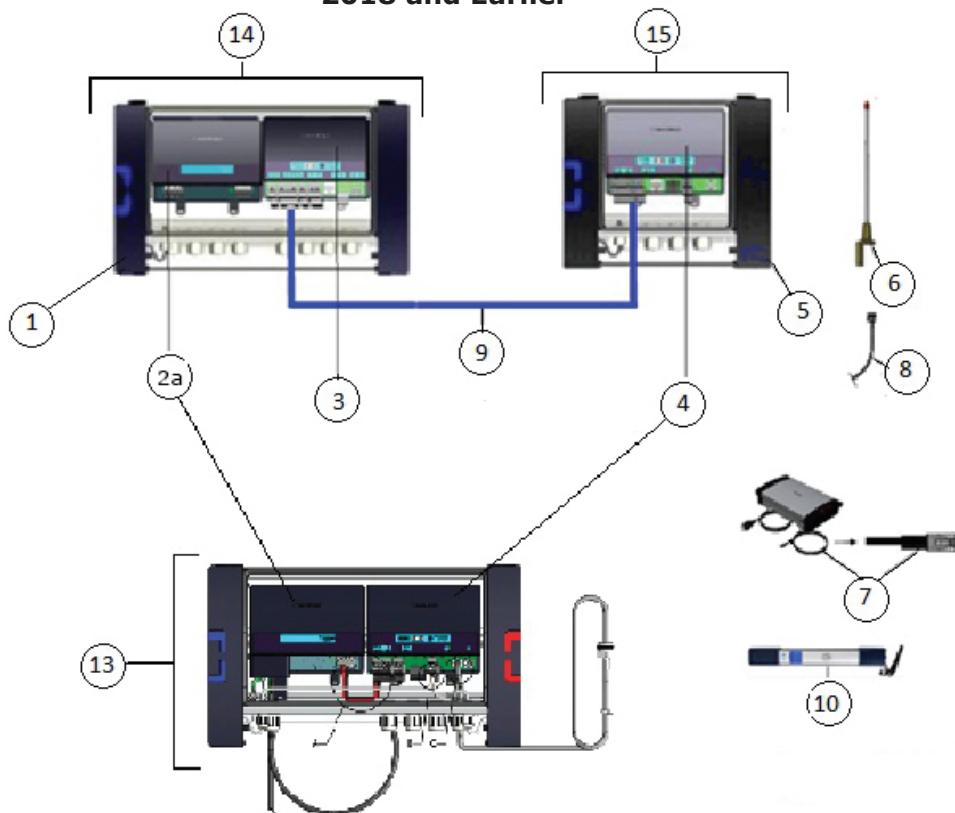


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|----------------|----------|-----------------------------|--|----------------------------|
| 8507304 | ⊗ | | Control Assy, Sort/Scale | - |
| 1 | 8517252 | ⊗ | Manifold Assy, Air, Sort/Weigh (Includes items 2-15) | 1 |
| 2 | 8517251 | ⊗ | Manifold, Air, Sort/Weigh | 1 |
| 3 | 8517250 | ⊗ | Bracket, Mtg, Manifold | 2 |
| 4 | 8517248 | | Valve, 4-Way, Sngl Pilot, 1/4NPT | 1 |
| 5 | 8507229 | ⊗ | Valve, 4-Way, Dbl Pilot, 1/4NPT | 3 |
| | 8586224 | | Valve, 4-Way, Dbl Pilot, 1/4NPT | 3 |
| 6 | 8507013 | | Conn, Push, 5/32 x 4NPT | 2 |
| 7 | 8507100 | | Conn, Push, 1/4 x 4NPT | 6 |
| 8 | 1431200 | | Plug, Hex Hd, Brass, 1/4 | 2 |
| 9 | 3554424 | | Conn, Swl, Elb, 5/32 OD x 10-32 | 7 |
| 10 | 3554087 | | Conn, Push, 1/4 x 1/8NPT | 2 |
| 11 | 1431240 | | Plug, Hex Hd, Brass, 1/8 | 2 |
| 12 | 1430400 | ⊗ | Tee, Brass, 1/4 | 1 |
| 13 | 8570997 | | Regulator Valve w/Gauge, 1/4NPT | 1 |
| 14 | 1430040 | ⊗ | Elbow, 90 Deg, Brs, 1/8 | 1 |
| 15 | 8551089 | | Plug, Screw | 1 |
| 16 | 8517261 | ⊗ | Valve Assy, Air Logic, Sort/Wgt (Includes items 17-20) | 1 |
| 17 | 8517260 | ⊗ | Track, Valve Mtg, 9.70 | 1 |
| 18 | 8590304 | | Valve, Air Logic OR | 9 |
| 19 | 8517258 | ⊗ | Bracket, Mtg, Logic Valve | 9 |
| 20 | 8590279 | | Conn, Push, Plug-In, Y, 5/32 | 4 |
| 21 | 8517249 | ⊗ | Valve Assy, Sol, Sort/Weigh (Includes items 22-25) | 1 |
| 22 | 8517265 | ⊗ | Valve, Sol, 24 DC, w/Conn | 3 |
| 23 | 3554112 | | Bracket, Mounting, Sol Valve | 2 |
| 24 | 3554331 | | Conn, Push, Tee, 5/32 x 1/8NPT | 2 |
| 25 | 3554159 | | Conn, Push, 5/32 OD x 1/8NPT | 3 |
| 26 | 8517262 | ⊗ | Bracket, Mtg, Pneumatic Switch | 1 |
| 27 | 3555741 | | Switch, Pneumatic | 1 |
| 28 | 8513814 | | Nut, Lock, Conduit, 1/2NPT | 1 |
| 29 | 3554451 | | Conn, Swl, Elb, 5/32 OD x 1/8NPT | 1 |
| 30 | 8517256 | ⊗ | Plate Assy, PWB Mtg, Sort/Weigh | 1 |
| 31 | 3554120 | ⊗ | Bracket, Mtg, PWB, 5.5 Lg | 1 |
| 32 | 3554128 | ⊗ | Bracket Assy, PWB Mtg | 1 |
| 33 | 3554440 | n/s | Hose, Nyl, Grn, 5/32 OD x 100 Ft | a/r |
| 34 | 3554174 | n/s | Hose, Nyl, Red, 5/32 OD x 100 Ft | a/r |
| 35 | 3554530 | n/s | Hose, Nyl, Yel, 5/32 OD x 100 Ft | a/r |
| 36 | 3554439 | n/s | Hose, Nyl, Blk, 5/32 OD x 100 Ft | a/r |
| 37 | 8507088 | | Conn, Push, Union Y, 5/32 | 1 |
| 38 | 8507308 | ⊗ | Label, Air Logic Diag, Sort/Wgt | 1 |
| 39 | 8506167 | | Label, Bou-Matic, 3.00 x 10.00 | 1 |
| 40 | 8517266 | ⊗ | Label, Hose Conn, Sort/Wgt | 1 |
| 41 | 8514092 | | Pwb Assy, Sort/Wgt Gate | 3a |

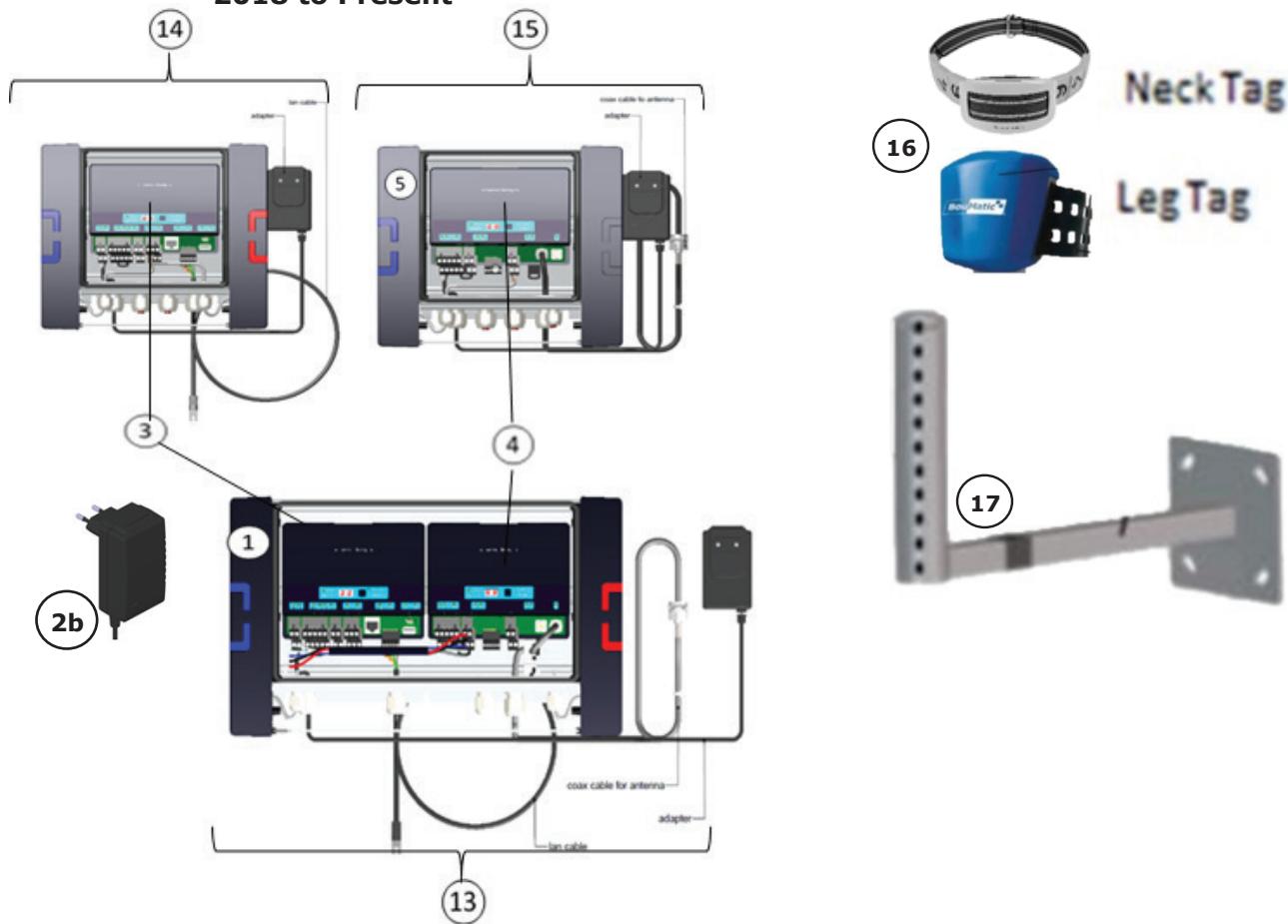
RealTime Controller

| | |
|-----------------------|--------------------|
| SECTION F | PAGE 115 |
| EFFECTIVE: 5/23/19 | |

2018 and Earlier



2018 to Present

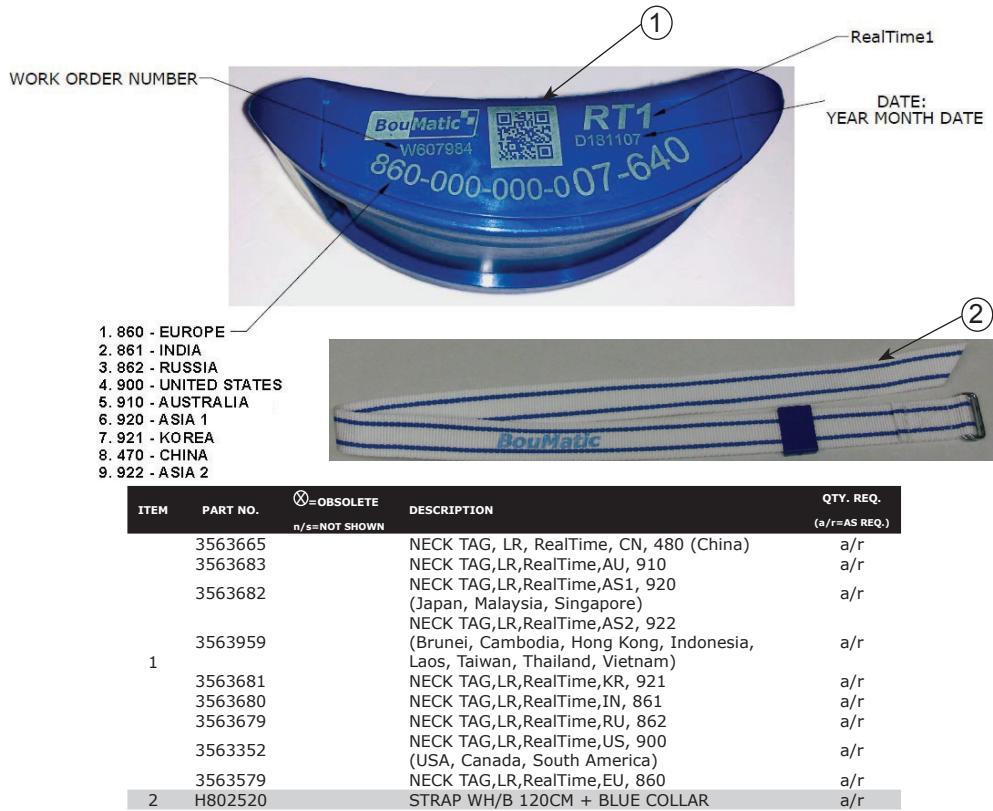


RealTime Controller Cont.

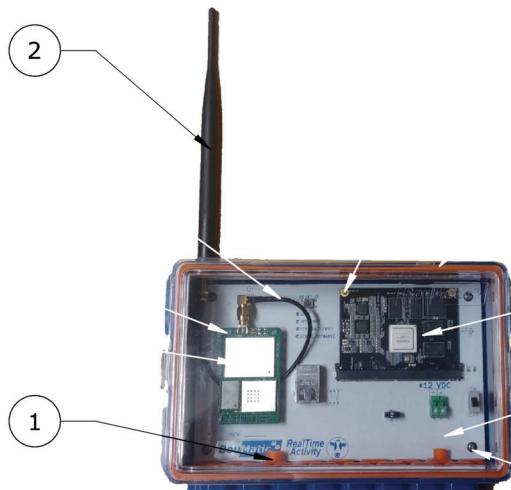
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|------------|-----------------------------|--|-----------------------------------|-----|-----|-----|
| | 3562269 | ⊗ | PKG,Starter,Real Time,US | OBS | | | |
| | 3562305 | ⊗ | PKG,Starter,LR,Real Time,US | | OBS | | |
| | 3562270 | ⊗ | PKG,Extension,Real Time | | | OBS | |
| | 3562306 | ⊗ | PKG,Extensn,Long Rng,Real Time | | | | OBS |
| 1 | 3562264 | | Enclosure Cntrlr,W/Blue,Red Lamps | - | - | - | - |
| 2a | 3562263 | | Power Supply,25V,2.5A | - | - | - | - |
| 2b | 3563404 | | Power Supply, RT Activity | - | - | - | - |
| 3 | 3562262 | | Cntrlr,RT Activity,Spare | - | - | - | - |
| 4 | 3562265 | | RCVR,RT Activity Antenna | - | - | - | - |
| 5 | 3562267 | | Enclosure RCVR,W/Blue Lamp | - | - | - | - |
| 6 | 3562252 OR | | Antenna,UHF,433 MHZ | 1 | - | 1 | - |
| | 3562298 | | Antenna,Lng Range,UHF,433 MHZ | - | 1 | - | 1 |
| 7 | 3562254 | | Cable Set,CAT6,300FT | - | - | - | - |
| 8 | 3562266 | | Cable, UHF Antenna | - | - | - | - |
| | 3562299 | | Cable,LR Antenna,Extnsion,15M | - | 1 | - | 1 |
| 9 | 3562253 | n/s | Cable,CAN-POWER-SYNC,200 Meter | - | - | - | - |
| 10 | 3562248 | ⊗ | Reader,ISO Wand | - | - | - | - |
| 11a | 0098526 | ⊗ | n/s SFTW,Link,Taurus | - | - | - | - |
| 11b | 8593642 | n/s | SFTW,LINK,TAURUS Tag Statistic Data | - | - | - | - |
| 12 | 3560760 | n/s | SECOND CONTROLLER MANAGEMENT Required when using SDC AND HerdMetrix | - | - | - | - |
| 13 | 3562251 | | CNTRLR/ RCVR Assy, RT, w/ PS | - | - | - | - |
| | 3563403 | | CNTRLR/ RCVR Assy, RT, w/ PS | - | - | - | - |
| 14 | 3562250 | ⊗ | Cntrlr,RT Activity,VPU-PS,US <i>Replaced by 3563402</i> | 1 | 1 | - | - |
| | 3563402 | | CNTRLR,RT ACTIVITY,VPU-w/PS, US | 1 | 1 | - | - |
| 15 | 3562251 | ⊗ | RCVR Assy,RT Activity Antenna <i>Replaced by 3563401</i> | 1 | 1 | 1 | 1 |
| | 3563401 | | RCVR ASSY,RT ACTIVITY ANTENNA w/ PS | 1 | 1 | 1 | 1 |
| 16 | 3562259 | ⊗ | Tag,HSII,RT, 1F, Leg, Each | 1 | - | - | * |
| | 3562296 | ⊗ | Tag,HSII,RT, 1F, Neck, Each | - | - | - | * |
| | 3562260 | | Tag,HSII,RT+, 2F, Leg, Each | - | - | - | * |
| | 3562297 | | Tag,HSII,RT+, 2F, Neck, Each | - | - | - | * |
| | 3562303 | n/s | KIT, TAG,RT+,NECK/STRAP | - | - | - | - |
| | 3563196 | n/s | HS 5 Neck Finish | - | - | - | * |
| | 3563189 | n/s | HS 5 Leg Finish | - | - | - | * |
| | 8591652 | n/s | RT+ Neck (Japan, Korean 922 MHz) | - | - | - | * |
| | 8591651 | n/s | RT+ Leg (Japan, Korean 922 MHz) | - | - | - | * |
| | 8592607 | n/s | Smarttag RT+CPS, Neck | - | - | - | * |
| | 8592601 | n/s | CALIB TAG COW LABEL POSITION | - | - | - | * |
| 17 | 3563405 | | RT ACTIVITY, MOUNTING BRACKET | - | - | - | |

RealTime Long Range Activity Tag

| | |
|----------------------|--------------------|
| SECTION F | PAGE 117 |
| EFFECTIVE: 2/6/23 | |



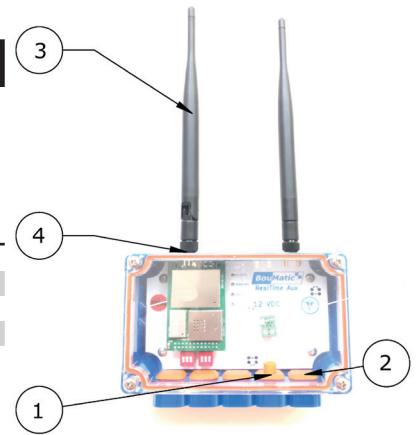
RealTime Long Range Radio



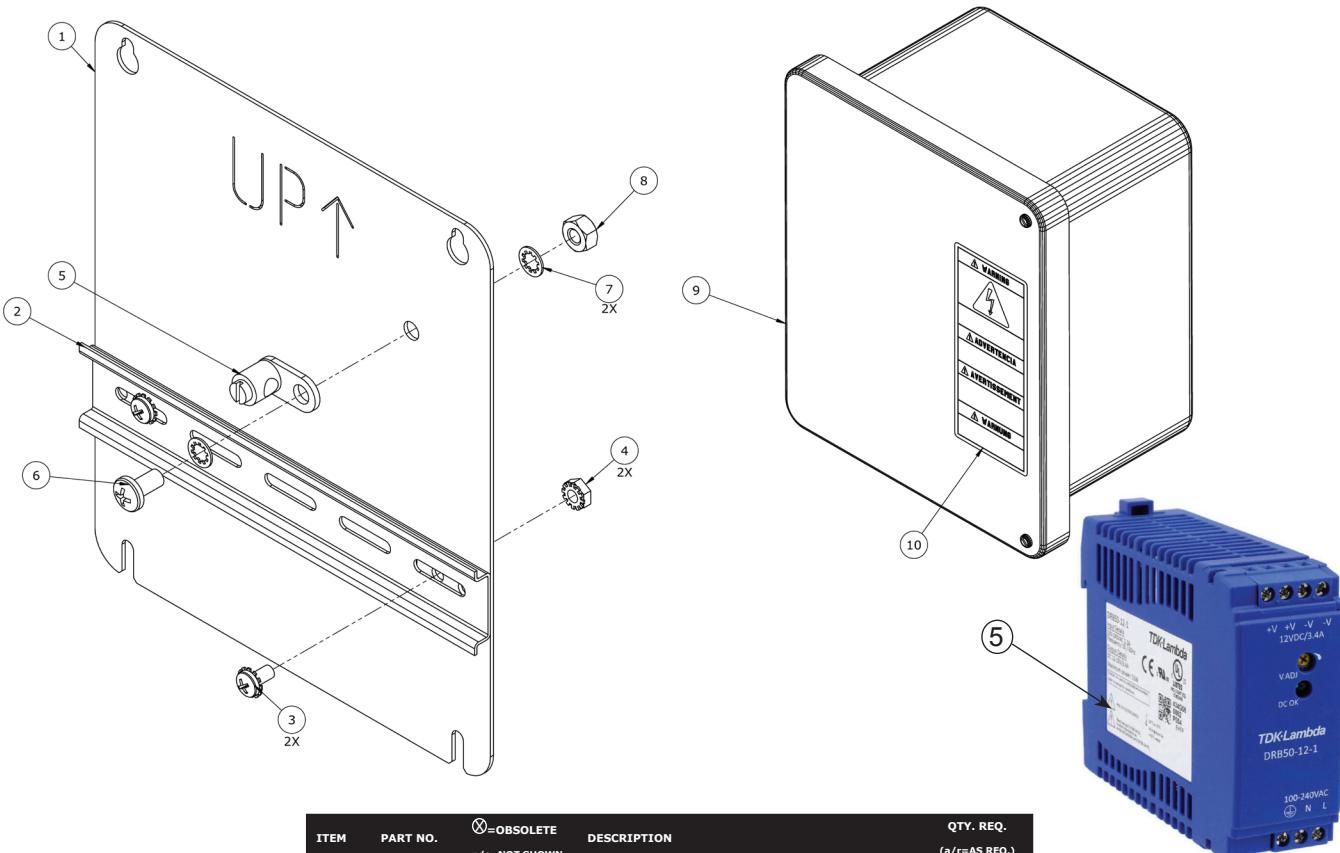
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|----------------------------------|----------------------------|
| - | 3563730 | | RADIO,LR,RealTime,EU, 860 | 3730 |
| - | 3563731 | | RADIO,LR,RealTime,US, 900 | 3731 |
| - | 3563578 | | RADIO,LR,RealTime,W/PS,US,900 | 3578 |
| - | 3563577 | | RADIO,LR,RealTime,W/PS,EU,860 | 3577 |
| | 3563663 | | RADIO,LR,RealTime,W/PS,China,470 | 3663 |
| 1 | 8591396 | | CLICKIN PUSHOUT PLUG, BLIND | 1 1 1 1 1 |
| 2 | 3563585 | | ANTENNA 868-928MHZ 3.0 DBI SMA | 1 1 1 1 1 |

RealTime Long Range Auxiliary RFID

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------|-----------------------------|-------------------------------------|----------------------------|
| - | 3563729 | | AUXILIARY RFID, REALTIME,US,900 | 3729 |
| - | 3563728 | | AUXILIARY RFID, REALTIME,EU,860 | 3728 |
| - | 3563717 | | AUX RFID,REALTIME,WP/S,US,900 | 3717 |
| - | 3563718 | | AUX RFID,REALTIME,WP/S,EU,860 | 3718 |
| | 3563870 | | AUX RFID,REALTIME,470 SERIES | 3870 |
| 1 | 8591394 | | CLICKIN PUSHOUT PLUG, 6MM | 1 1 1 1 1 |
| 2 | 8591396 | | CLICKIN PUSHOUT PLUG, BLIND | 4 4 4 4 4 |
| 3 | 3563585 | | ANTENNA 868-928MHZ 3.0 DBI SMA | 2 2 2 2 2 |
| 4 | 3563747 | | O-RING,.07X.176X.316,BUNA-N | 2 2 2 2 2 |
| 5 | 8591408 | n/s | ENCLOSURE DIN CLIP | 2 2 2 2 2 |



RealTime Long Range Radio Power Supply



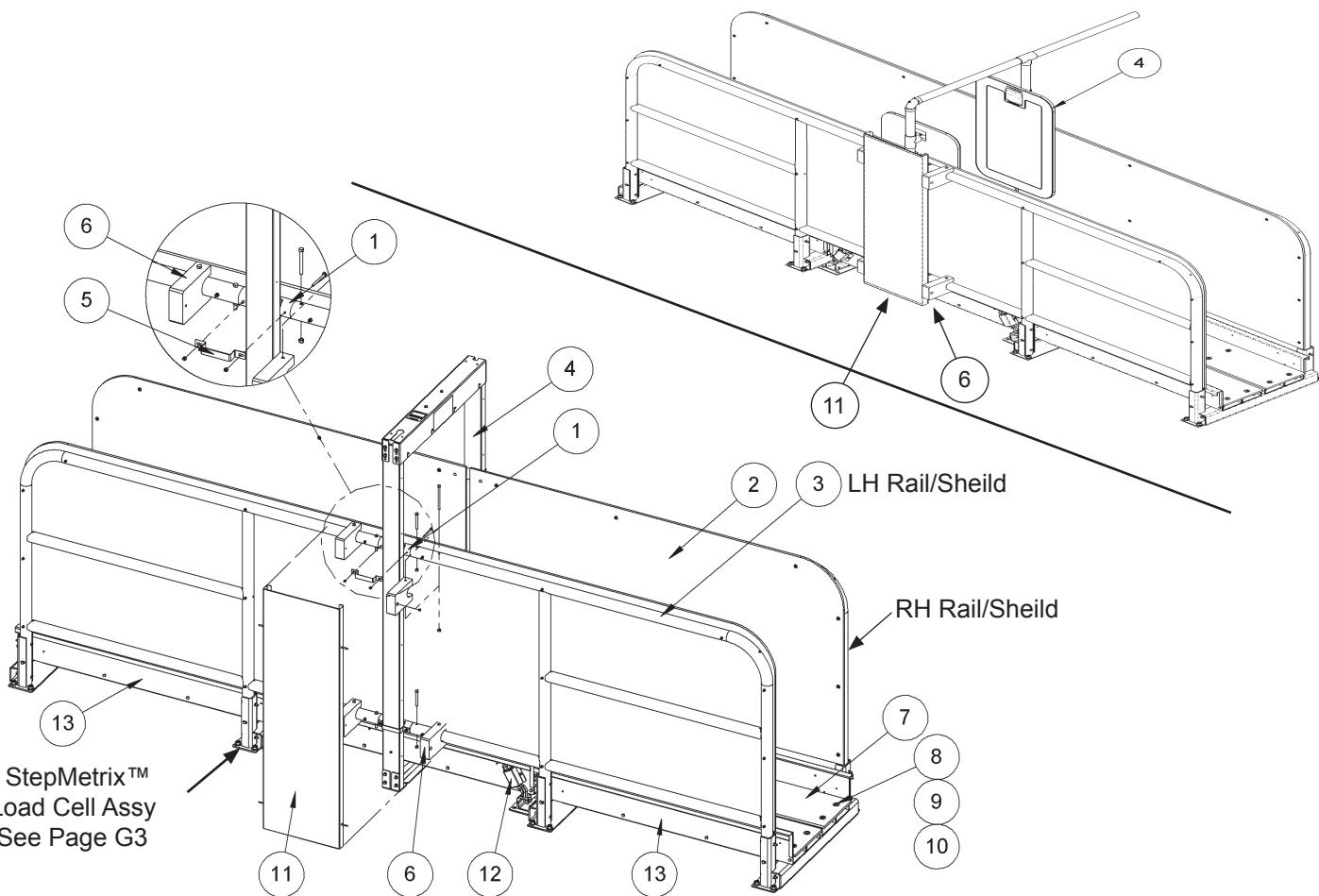
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. (a/r=AS REQ.) |
|------|----------------|-----------------------------|--------------------------------|----------------------------|
| - | 3563614 | | ASSY,12VDC POWERSUPPLY,RADIO | - |
| 1 | 3558681 | | PLATE,MTG,POWER SUPPLY | 1 |
| 2 | 3557978 | | RAIL,DIN,2M LONG X 35MM WIDE | 0.1 |
| 3 | 1098216 | | MSCR,PNH,SS,SEMS,10-32 X 3/8 | 2 |
| 4 | 1219380 | | NUT,HEX,KEPS,SS,10-32 | 2 |
| 5 | 8513952 | | LUG,GROUND,14 TO 4 AWG | 1 |
| 6 | 1096006 | | MSCR,PNH,SS,1/4-20 X 1/2 | 1 |
| 7 | 1235386 | | WASHER,LOCK,INTL-T,SS,1/4 | 2 |
| 8 | 1203352 | | NUT,HEX,SS,1/4-20 | 1 |
| 9 | 3559022 | | ENCLOSURE,HINGED,10X8X6,NEMA4X | 1 |
| 10 | 8504733 | | LABEL,WARNING,ELECTRICAL | 1 |
| 11 | 3563612 | | 12V POWER SUPPLY | 1 |

Exit and Freestall Components

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| Hoofbath Assembly..... | 6 |
| Mixing Chamber, 2-Bath & 4-Bath | 5 |
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| Skirt Drive Gear | 26 |
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| Skirt Motor | 17 |
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Step Sensor Module, Step Down and Step Up StepMetrix™



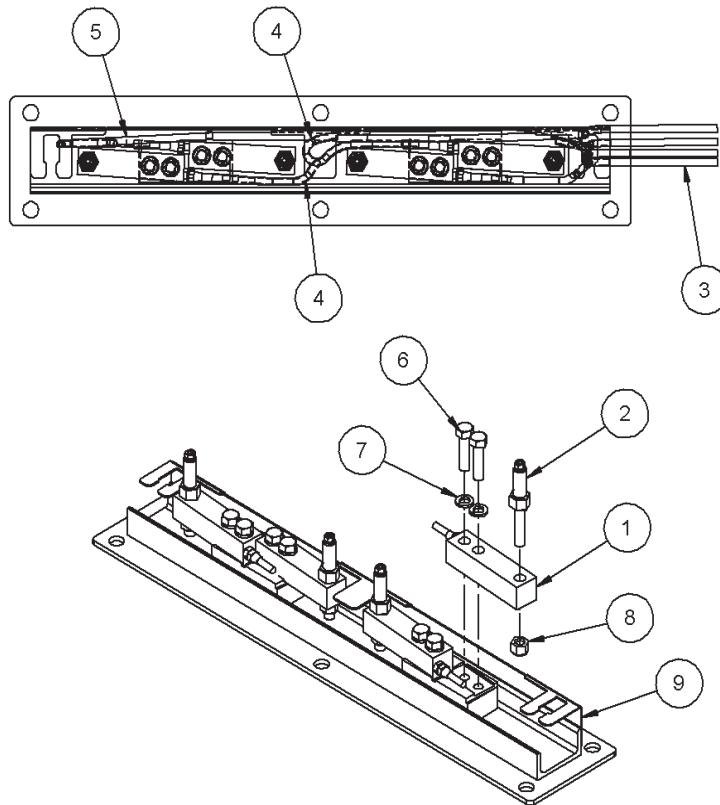
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/t=AS REQUIRED) | | | | | | |
|---------|----------------------|--|-----------------------------------|-----|-----|-----|-----|-----|--|
| | | n/s=NOT SHOWN | | | | | | | |
| 8513353 | ⊗ | Kit, StepMetrix™, Single, Yellow | 353 | | | | | | |
| 8513354 | ⊗ | Kit, StepMetrix™, Dual, Yellow | | 354 | | | | | |
| 8513355 | ⊗ | Kit, StepMetrix™, Single, Red. | | | 355 | | | | |
| 8513356 | ⊗ | Kit, StepMetrix™, Dual, Red. | | | | 356 | | | |
| 8580153 | ⊗ | Kit, StepMetrix™, Single, ISO Tag | | | | | 153 | | |
| 8580154 | ⊗ | Kit, StepMetrix™, Dual, ISO Tag | | | | | | 154 | |
| 1 | 3558708 | Coupling, Rail, StepMetrix™ | 4 | 8 | 4 | 8 | 4 | 8 | |
| 2 | 8513556 | Shield, Rails, Polyp, StepMetrix™ | 4 | 8 | 4 | 8 | 4 | 8 | |
| 3 | 8513557 | Rail/Shield Assy, LH | 2 | 4 | 2 | 4 | 2 | 4 | |
| | 8514111 ¹ | Rail/Shield Assy, RH | 2 | 4 | 2 | 4 | 2 | 4 | |
| 4 | 3558711 | Antenna Assy, StepMetrix™, 34" x 4" (Parts on page F-104) | 1 | 2 | 1 | 2 | - | - | |
| | 3559085 | Antenna, HDPE, 60 x 100 IDO ID | - | - | - | - | 2 | 4 | |
| 5 | 8513558 | Bracket, Rail / Antenna | 4 | 8 | 4 | 8 | - | - | |
| 6 | 8513559 | Bracket, Mount, Antenna Shield | 4 | 8 | 4 | 8 | 4 | 8 | |
| 7 | 8513322 | Pad, Rubber, StepMetrix™ | 6 | 12 | 6 | 12 | 6 | 12 | |
| 8 | 8513344 | Washer, Fntr, 0.406 x 1.25 x 0.047 SS | 48 | 96 | 48 | 96 | 48 | 96 | |
| 9 | 1209388 | Washer, Lock, Hlch Spring, SS, 3/8 | 48 | 96 | 48 | 96 | 48 | 96 | |
| 10 | 1013048 | Mscr, Bth, SS, 3/8 - 16 x 1 | 48 | 96 | 48 | 96 | 48 | 96 | |
| 11 | 8513560 | Shield, StepMetrix™ | 1 | 2 | 1 | 2 | 1 | 2 | |
| 12 | 8513342 | ⊗ Box, Juction, StepMetrix™ | 2 | 4 | 2 | 4 | 2 | 4 | |
| 13 | 8513321 | ⊗ Rail, Side, StepMetrix™ | 6 | 12 | 6 | 12 | 6 | 12 | |
| 14 | 0091045 | Sftwr, StepMetrix™ 05/2005 - Ver. 1.0 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 15 | ----- | Literature 9E-864 (Installation & Operation Instructions) | ref | ref | ref | ref | ref | | |

Note:

- Includes rail shield (8513556) & hardware.

StepMetrix™ Load Cell Assembly

| | |
|---------------------|------------------|
| SECTION G | PAGE 3 |
| EFFECTIVE: 9/7/05 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|-----------------------------|-----------------------------|------------------------------------|--------------------------|
| | 8513348 ¹ | ⊗ | Base Assy, W/Load Cells, RH | 348 |
| | 8513349 ¹ | ⊗ | Base Assy, W/Load Cells, LH | 349 |
| 1 | 8511761 | | Load Cell, StepMetrix™ | 4 |
| 2 | 8513339 | | Pin Assy, Load Cell, StepMetrix™ | 4 |
| 3 | 8513345 | | Conduit, Flex Stall, .25 x 11.00 | 1 |
| 4 | 8513346 | | Conduit, Flex Stall, .25 x 25.00 | 2 |
| 5 | 8513347 | | Conduit, Flex Stall, .25 x 39.00 | 1 |
| 6 | 1091551 | | CSCR, HXH, SS, 1/2 - 20 x 2 | 8 |
| 7 | 1209390 | | Washer, Lock, HLCL, SPR, SS 1/2 | 8 |
| 8 | 1222369 | | Nut, Lock, Elas, SS 1/2 - 20 | 4 |
| 9 | 8513314 | | Base Assy, StepMetrix™ | 1 |

Note:

1. Right hand and left hand load cell assemblies are determined by wiring configurations.

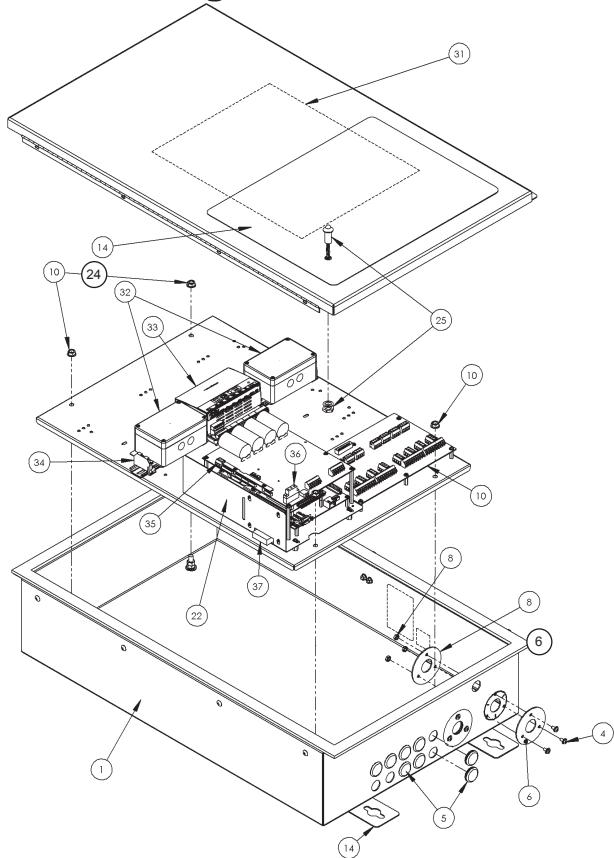
SMX Score Controller

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|---------|----------------------|---|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| 3558764 | ⊗ | SMX Score Controller (Yellow) | 764 |
| 3558721 | ⊗ | SMX Score Controller, Intl (red) | 721 |
| 3559083 | ⊗ | SMX Control Assy, ISO ID (replace w/3559150) | 083 |
| 3559150 | | SMX Control Assy, ISO ID | 150 |
| 1 | 3558728 | Enclosure Assembly | 1 1 1 |
| 2 | 3558729 | Bracket, Battery | 1 1 - |
| 3 | 1912504 | Battery, 6.0V, Lead-Acid | 2 2 - |
| 4 | 1098218 | Mscr, Pnh, SS, Sems, 10-32 x 1/2 | 8 8 6 |
| 5 | 3556157 | Grommet, Multiple, 5/32 | 8 8 8 |
| 6 | 3558758 | Cover, Control Box | 4 4 4 |
| 7 | 8501363 | Keeper, Latch | 3 3 - |
| 8 | 1219380 | Nut, Hex, Keps, SS, 10-32 | 8 8 6 |
| 9 | 1225380 | Nut, Hex, Flange, Lock, 10-32, SS | 10 10 - |
| 10 | 1225353 | Nut, Hex, Flange, Lock, 5/16-18, SS | 4 4 4 |
| 11 | 1098163 | Mscr, Pnh, SS, Sems, 6-32 x 3/8 | 24 24 20 |
| 12 | 1979713 | Spacer, Thd, Hex, 6-32 x .75, AL | 6 6 6 |
| 13 | 3554987 | Cntrl Assy, ID, Intl (Yellow) | 1 - - |
| 13 | 3554988 | Cntrl Assy, ID, Intl (Red/Blue) | - 1 - |
| 14 | 3558735 | Bracket, Mount, Control Box | 4 4 - |
| 15 | 4022982 | Bushing, Split, Nylon, OCB-875 | 2 2 - |
| 16 | 4022038 | Nut, Self-Retaining, U-Type, 10-32 | 4 4 - |
| 17 | 3558756 | Bracket, ID Control | 2 2 - |
| 18 | 3559181 | Hard Drive, SMX, Service | 1 1 - |
| 18 | 3561889 | Hard Drive, SMX, IDE, G3 | 1 1 - |
| 19 | 3558720 | Fan, 24V DC, 0.1A | 1 1 1 |
| 20 | 1916870 | Connector, Plug, VT, 3-Pin x .300 | 1 1 - |
| 21 | 1917632 | Connector, Terminal Strip, 4-Pos | 1 1 - |
| 22 | 3558925 | Electronic Assembly, StepMetrix™ | 1 1 - |
| | 3561891 ¹ | Electronic Assy, SMX, Serv, G3 | 1 1 - |
| 23 | 3558769 | Label, Wiring, StepMetrix™ | 1 1 - |
| 23 | 3559067 | Label, Wiring, StepMetrix™ | 1 1 - |
| 24 | 3558731 | Label, Front, StepMetrix™ | 1 1 1 |
| 25 | 3558775 | LED Indicator Assy, Red/Green/Blue | 1 1 1 |
| 26 | 3558724 | Pwb Assy, Load Cell | 1 1 1 |
| 27 | 3558746 | Gasket, Cover, Control Box | 1 1 - |
| 28 | 1096228 | Mscr, Pnh, SS, 10-32 x 2 1/2 | 3 3 - |
| 29 | 1208384 | Washer, Plain, SS, #10 | 3 3 - |
| 30 | 1206380 | Nut, Wing, SS, 10-32 | 3 3 - |
| 31 | 3559092 | Label, Wiring, StepMetrix™, ISO, ID | - - 1 |
| 32 | 3559084 | Transformer, Antenna | - - 2 |
| 33 | 3559086 | Reader Control | - - 1 |
| 34 | 3558274 | Bracket, End, Conn | - - 2 |
| 35 | 1917631 | Connector, Term Strip | - - 1 |
| 36 | 1916942 | Connector, Plug | - - 1 |
| 37 | 3558945 | Block Foam | - - 1 |

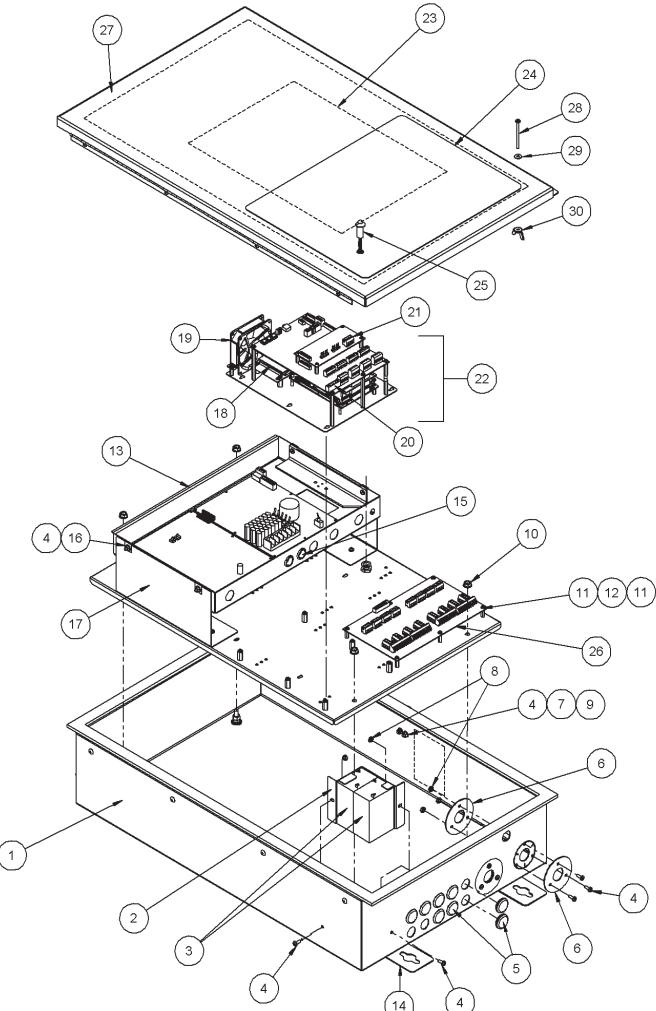
Notes:

1. Includes items 18 & 19

ISO ID Tag Controller



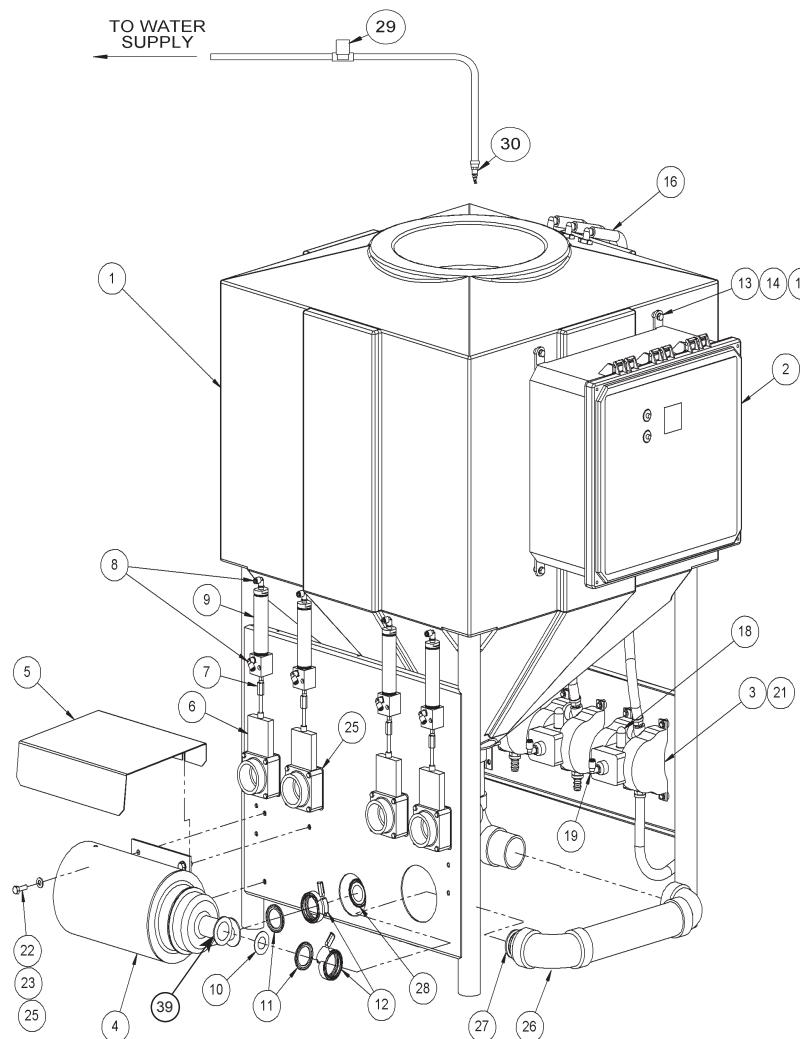
BouMatic ID Tag Controller



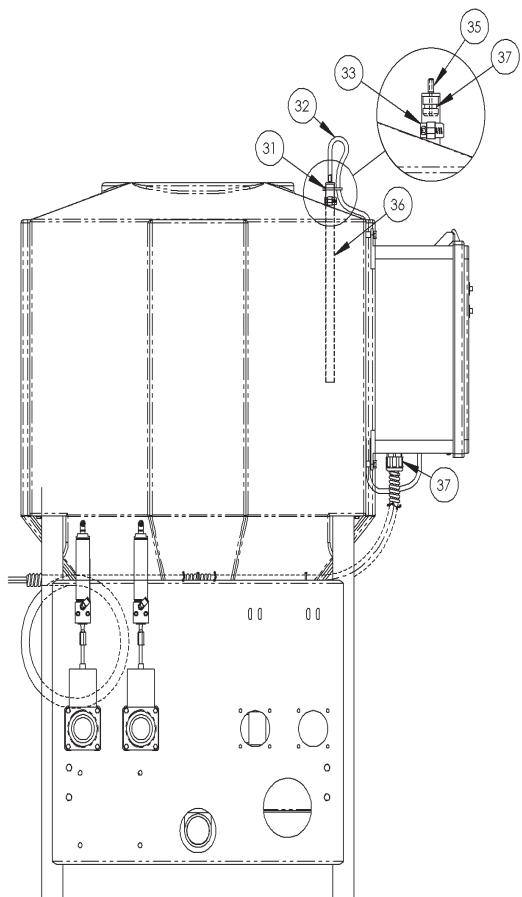
Mixing Chamber Assy, HB, 2-Bath & 4-Bath

| | |
|---------------------|------------------|
| SECTION G | PAGE 5 |
| EFFECTIVE: 6/12/19 | |

4-Bath Mixing Chamber



2-Bath Mixing Chamber



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------|----------|---------------|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |

| | | |
|--------------------------|---|------------|
| 8514351 | Mixing Chamber Assy, HB, 2-Bath | 351 |
| 8514352 | Mixing Chamber Assy, HB, 4-Bath | 352 |
| 1 8514353 | Chamber, Mixing, Plastic | 1 1 |
| 2 3559030 | Enclosure Assy, Hoofbath, 2-Bath | 1 - |
| 3 3559006 | Enclosure Assy, Hoofbath, 4-Bath | - 1 |
| 3 8514378 ¹ | Pump, Chemical | a/r a/r |
| 4 8516253 | Pump, 1HP, 1PH, 230V, 50HZ, CCW | 1 1 |
| 4 8519970 | Pump, 1HP, 1PH, 230V, 60HZ, CCW | 1 1 |
| (See parts on page C-30) | | |
| 5 8514763 | Cover, Pump, Mixing Chamber | 1 1 |
| 6 3554177 | Valve, Gate, 1.5" ID, White | 2 4 |
| 7 1265352 | Nut, Hex, Coupling, 1/4-20x7/8, ZP | 2 4 |
| 8 3554451 | Conn, Swl, Elb, 5/32 OD x 1/8 NPT | 4 8 |
| 9 3554188 | Cylinder, Air, 1.06 x 1.50 | 2 4 |
| 10 8515566 | Washer, SS, .406 x 1.62 x .036 | 1 1 |
| 10 8515567 | Washer, SS, .656 x 1.62 x .036 | 1 1 |
| 10 8515568 | Washer, SS, .844 x 1.62 x .036 | 1 1 |
| 11 8507905 | Gasket, Tri-Clamp, 1.5" | 2 2 |
| 12 8507932 | Clamp, Band, SS, 1-1/2 | 2 2 |
| 13 1979611 | Spacer, Round, Nylon, .26 x .38 x .38 | 4 4 |
| 14 1209386 | Washer, Lock, HLCL, Spring, SS, 1/4 | 8 8 |
| 15 1091010 | CSCR, HXH, SS, 1/4 - 20 x 1 | 4 4 |
| 16 8506805 | Hose, Vinyl, .38 x .125W, Blk/WHT | a/r a/r |
| 18 8551136 ² | Muffler, Filter, 1/4 NPT | a/r a/r |
| 19 8507081 ² | Valve, Control, Flow, 1/4 NPT | a/r a/r |
| 21 8580144 | Kit, Repair, Pump, AODD, Chemical (4-Valve Stems, 4-Valve Seats, 4-Springs, 2-Diaphragms, 8-Valve Seat Seals) | a/r a/r |

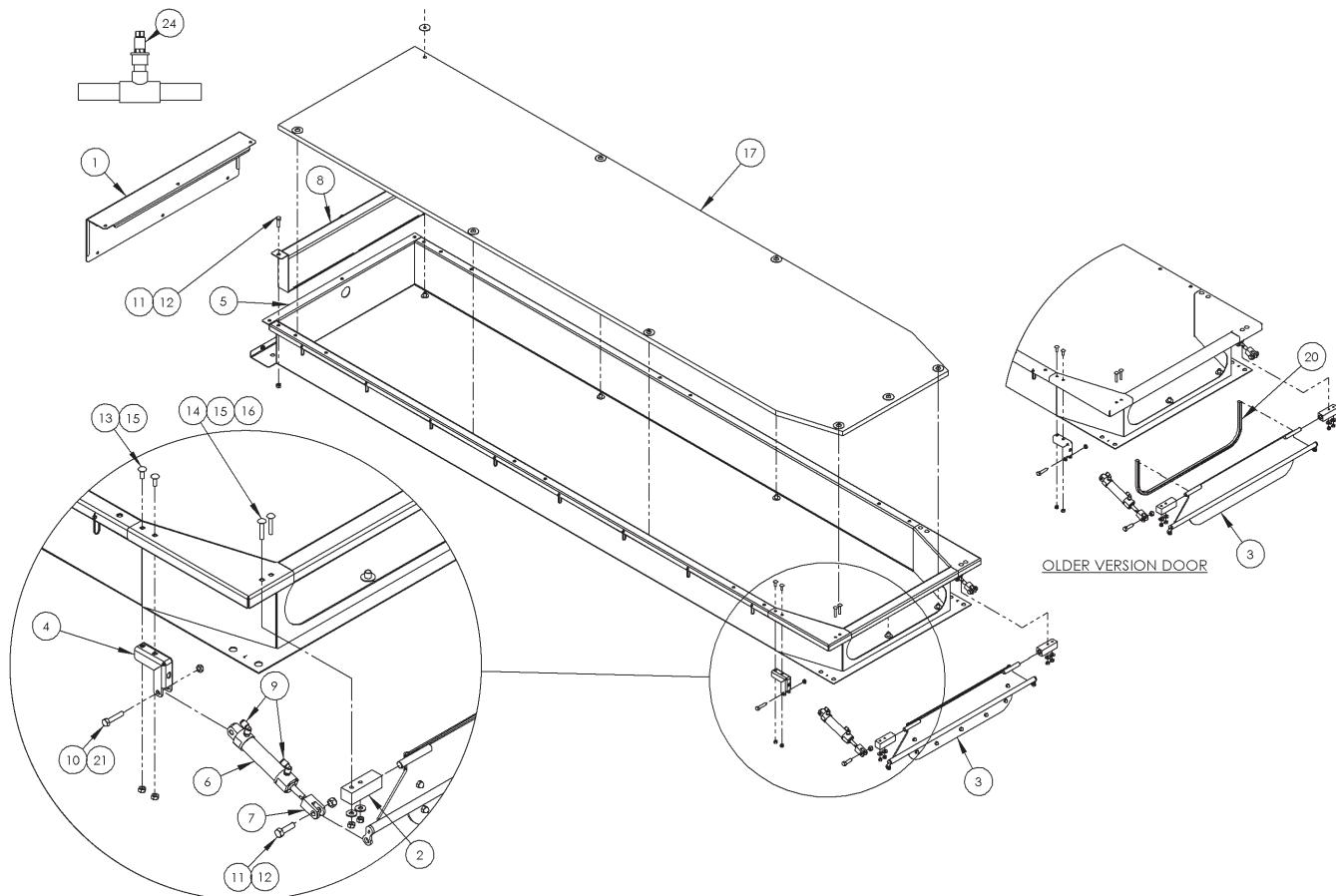
| | | |
|------------|--------------------------------------|---------|
| 22 1203353 | Nut, Hex, SS, 5/16 - 18 | 4 4 |
| 23 1209387 | Washer, Lock, HLCL, Spring, SS, 5/16 | 4 4 |
| 24 1208387 | Washer, Plain, SS, 5/16 | 4 4 |
| 25 1091029 | CSCR, HXH, SS, 5/16 - 18 x 1 | 4 4 |
| 26 8518668 | Elbow, 90 Deg, Sch 40, PVC, 2 | 2 2 |
| 27 8514385 | Adapter, PVC, Sch-40, 2.0 x 1.5 | 1 1 |
| 28 8514384 | Adapter, PVC, Sch-40, 1.5 x 1.5 | 1 1 |
| 29 8514358 | Valve, Water | 1 1 |
| 30 8514359 | Nozzle, Spray | 1 1 |
| 31 1979001 | Tie, Cable, 5.87 x .09 | 10 10 |
| 32 8505032 | Hose, Vinyl, .19 x .062W, CLR | 4 4 |
| 33 4012220 | Clamp, Hose, SS, #8, .50 - .91 | 1 1 |
| 34 4015689 | O-Ring, 0.424 x .103 | 1 1 |
| 35 8505790 | Adapter, Tube, Level, Control | 1 1 |
| 36 8505789 | Tube, SS, .750 x .049 x 13.38 | 1 1 |
| 37 3554994 | Conn, Str-Rlf, Liq-Tite, HFC 1/2 | 1 1 |
| 38 5100879 | Strainer, Foot Valve, Pump, AODD | 1 1 |
| 39 8581461 | Housing, Impeller, N/Finish | ref ref |
| 40 ----- | Literature 9E-878 | ref ref |

(Installation, Operation & Maintenance)

Notes:

1. Standard BouMatic warranty not offered.
2. Items supplied with chemical pump kit (8514364).

Hoofbath Assy, StepGuardian



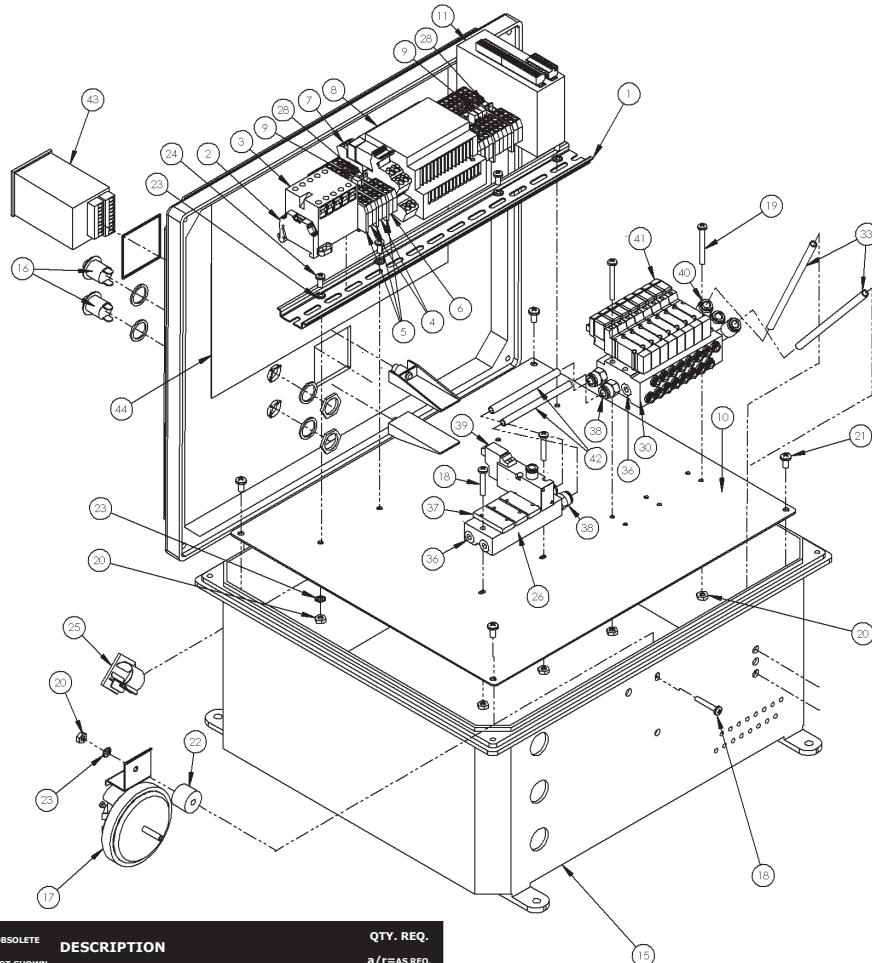
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|----------------|----------------------|--|--------------------------|
| 8514377 | | | |
| 1 | 8514281 | Cover, End, Fill, Hoofbath | 1 |
| 2 | 8514343 | Block, Pivot, Door | 2 |
| 3 | 8514344 | Door Assy, Hoofbath (old version) | 1 |
| | 8582279 | Door Seal Assy, Mech, Footbath | 1 |
| 4 | 8514348 | Bracket, MTG, Cylinder, Air | 2 |
| 5 | 8514275 | Pan Assy, Hoofbath | 1 |
| 6 | 8514368 | Cylinder, Air, 25 mm x 63 mm | 2 |
| 7 | 8514369 | Clevis, Air Cylinder | 2 |
| 8 | 8514283 | Manifold Assy, Hoofbath | 1 |
| 9 | 3554451 | Conn, SWL, ELB, 5/32, ODX 1/8 NPT | 4 |
| 10 | 1091032 | CSCR, HXH, SS, 5/16-18 x 1-1/2 | 2 |
| 11 | 1091050 | CSCR, HXH, SS, 3/8-16 x 1-1/4 | 2 |
| 12 | 1222354 | Nut, Lock, Elas, SS, 3/8-16 | 4 |
| 13 | 1201006 | Bolt, CRG, SS, 1/4-20 x 1/2 | 4 |
| 14 | 1201013 | Bolt, CRG, SS, 1/4-20 x 1-1/2 | 4 |
| 15 | 1222352 | Nut, Lock, Elas, SS, 1/4-20 | 8 |
| 16 | 1208386 | Washer, Plain, SS, 1/4 WID A | 4 |
| 17 | 8514366 | Mat, Rubber, Hoofbath | 1 |
| 18 | 1013044 | MSCR, BTB, SS, 3/8-16 x 1/2 | 9 |
| 19 | 8513344 | Washer, FNDR, .406x1.250x.047, SS | 9 |
| 20 | 8514376 ² | Gasket, Rubber, W/Adhesive, 31.62 | 1 |
| | 8582278 | Seal, Mech, Door, Footbath | 1 |
| 21 | 1222353 | Nut, Lock, Elas, SS, 5/16-18 | 2 |
| 22 | 3554174 | n/s Hose, Nyn, Blk, 5/32 OD x 100FT | a/r |
| 23 | 3554439 | n/s Hose, Nyn, Red, 5/32 OD x 100FT | a/r |
| 24 | 8514773 | Valve, Check, 1/2 NPT, Bronze | 1 |
| 25 | 3558766 | n/s Anchor, Floor, Set of 4 | 1 |
| 26 | 8514367 ¹ | n/s Board, Shield, Splash | 1 |
| 27 | 8514350 ¹ | Bracket, Mtg, Shield, Splash | 3 |
| 28 | ----- | Literature 9E-878 (Installation, Operation & Maintenance) | ref |

Note:

1. Splash shield (8514367) and bracket (8514350) are sold separate.
2. Gasket (8514376) is used only with older version door assy (8514344).

Controller Assy, 2 & 4 Bath

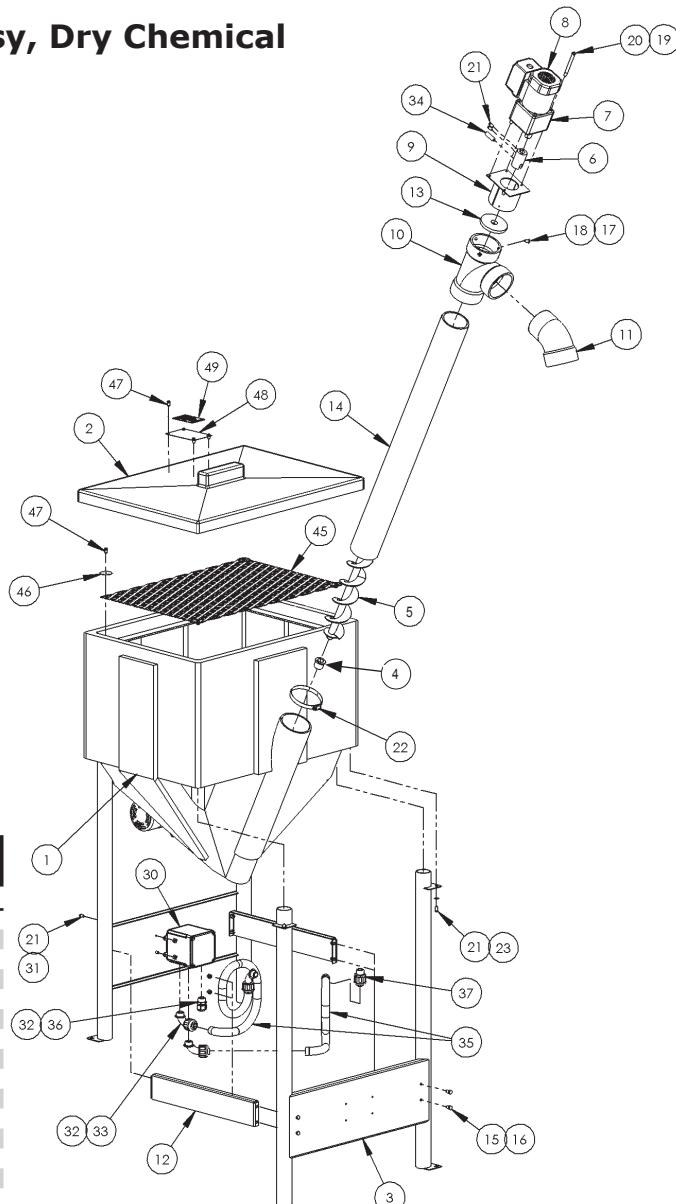
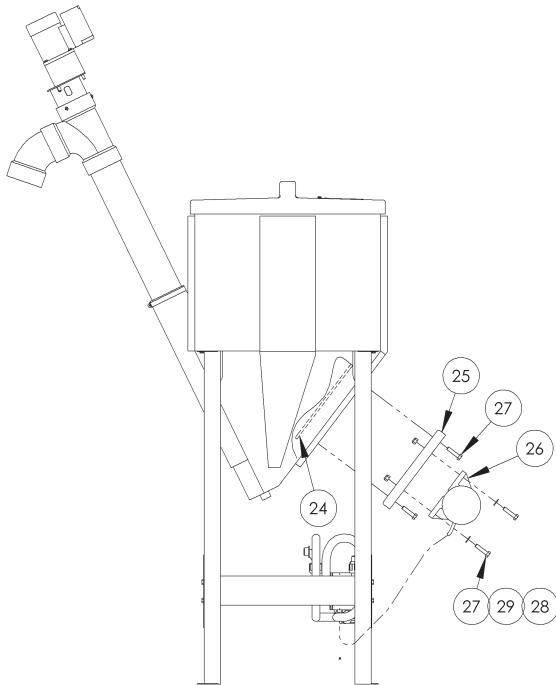
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|---------------------|------------------|
| SECTION G | PAGE 7 |
| EFFECTIVE: 4/10/19 | |



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. | |
|------|----------|-------------|-----------|-----|
| | | | a/r | a/r |

| | | | | |
|---|--|------------|-----|--|
| 3559030 | Controller Assy, HB, 2-Bath | 030 | | |
| 3559006 | Controller Assy, HB, 4-Bath | 006 | | |
| 1 3557978 | Rail, Din, 2M Long x 35mm Wide | a/r | a/r | |
| 2 3558274 | Bracket, End, Conn, Din Rail MTG | 2 | 2 | |
| 3 3559013 | Contactor, 3PH, 1HP, 24VDC | 1 | 1 | |
| 4 3558253 | Connector, PWP, Din Rail MTG | 14 | 14 | |
| 5 3559012 | Barrier, Conn, Din Rail MTG | 6 | 6 | |
| 6 3559011 | Connector, PWR PE, Din Rail MTG | 2 | 2 | |
| 7 3558987 | Relay, w/Baselight, 24VDC, 240VAC | 1 | 1 | |
| 8 3558993 | Power Supply, 24VDC, 85-264AC, 60W | 1 | 1 | |
| 9 3559007 | Connector, Jumper | 8 | 8 | |
| 10 3559010 | Plate Mounting, Hoofbath | 1 | 1 | |
| 11 3558991 | Module, 8IO, 485, Modbus | - | 1 | |
| 15 3558990 | Enclosure, Hoofbath, Modified | 1 | 1 | |
| 16 1980314 ⊗ | Switch, PB, SPST, MOM (Replaced 1980311) | 2 | 2 | |
| 1980311 | Switch, PB, SPST, MOM | 2 | 2 | |
| 17 8518190 | Switch, Pressure, Fill | 1 | 1 | |
| 18 1096185 | MSCR, PNH, SS, 8-32 X 1 | 3 | 3 | |
| 19 1096188 | MSCR, PNH, SS, 8-32 X 1 1/2 | 2 | 2 | |
| 20 1204378 | NUT, HEX, MSCR, SS, 8-32 | 9 | 9 | |
| 21 1096216 | MSCR, PNH, SS, 10-32 X 3/8 | 4 | 4 | |
| 22 1979606 | Spacer, RD, NYL, .20 X .83 X .62 | 1 | 1 | |
| 23 1249383 | Washer, Lock, EXT-T, SS, #8, Type A | 9 | 9 | |
| 24 1096179 | MSCR, PNH, SS, 8-32 X 3/5 | 4 | 4 | |
| 25 1914003 | Clamp, Cable, 1/2 DIA, ADH | 1 | 1 | |
| 26 3559046 | Manifold, Assy, 3-Way, 4-POS | 1 | 1 | |
| 28 3559043 | Label, Marking, HB | a/r | a/r | |
| 30 3559018 ⊗ | Manifold, 4-Way, 8-POS | - | 1 | |
| 33 3554440 | Hose, NYL, Grn, 5/32ODx100FT | a/r | - | |
| 36 3558982 | Plug, 1/8 NPT, Brass | 2 | 1 | |
| 37 3559021 ⊗ | Blank Plate, Manifold, 3-Way | 3 | - | |
| 38 3554087 | Conn, Push, 1/4 x 1/8 NPT | 2 | 2 | |
| 39 3559020 | Valve, Solenoid, 3-Way | 1 | - | |
| 40 3554085 | Conn, SWL, ELB, 1/4 OD x 1/8 NPT | - | 3 | |
| 41 3558978 | Valve, Solenoid, 4-Way | 3 | 8 | |
| 42 8519183 ⊗ | Tube, Nylon, .25 x .035 | a/r | a/r | |
| 3560897 | Hose, Nylon, 1/4 OD | a/r | a/r | |
| 43 3559267 | PLC, Programmed, FB | 1 | 1 | |
| 44 3559029 | Label Wiring Hoofbath | 1 | 1 | |
| 45 0090316 n/s | Sftwr, StepGuardian Literature 9E-889 (Operation Instructions) | 1 | 1 | |
| 46 ----- | | ref | ref | |

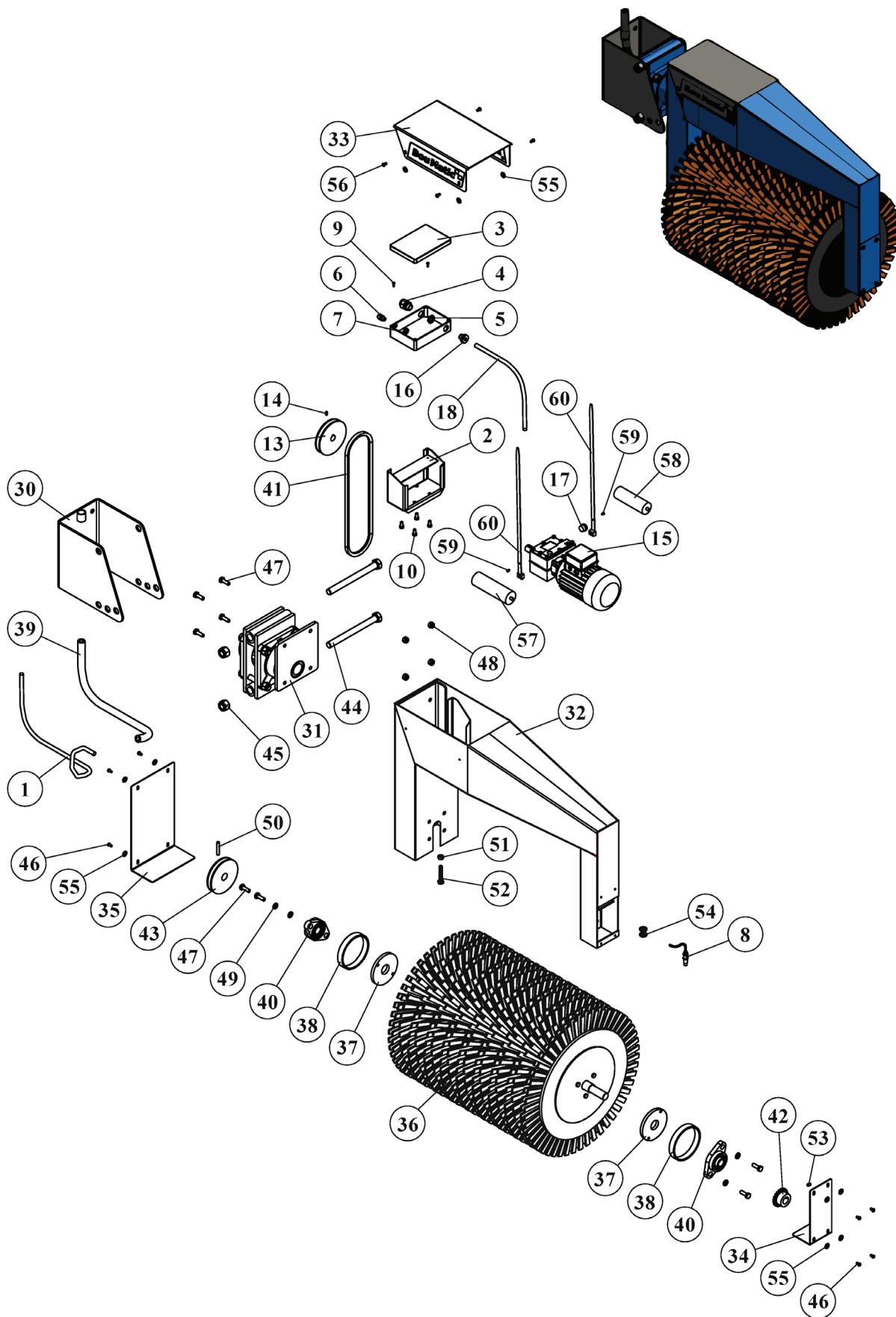
Dispenser Assy, Dry Chemical



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/f=AS REQ. |
|------|----------|--------------------------------------|--------------------------|
| | 8514684 | Dispenser Assy, Dry Chemical | 684 |
| 1 | 8514685 | Hopper, Dry Chemical | 1 |
| 2 | 8580131 | Cover, Hopper, Dry Chemical | 1 |
| 3 | 8514948 | Leg Assy, Dispenser, Chemical | 2 |
| 4 | 8516070 | Bearing, Flanged, 1.00OD x .75ID | 1 |
| 5 | 8514688 | Auger Assy, Dry Chemical | 1 |
| 6 | 8514699 | Coupling, Drive, Auger | 1 |
| 7 | 8514687 | Gearbox, 5GU60KA | 1 |
| 8 | 8514690 | Motor, 1/12HP, 1PH, 230V, 50/60Hz | 1 |
| 9 | 8514689 | Motor Mount Assy, Drive, Auger | 1 |
| 10 | 8514949 | Tee, PVC, 3", W/Holes | 1 |
| 11 | 8514697 | Elbow, Street, 45DEG, SCH40, PVC, 3" | 1 |
| 12 | 8514947 | Brace, Leg, Dispensing, Chemical | 2 |
| 13 | 8514938 | Bearing, Top, Auger | 1 |
| 14 | 8580133 | Pipe, PVC, SCH 40, 3.00 X 36.30 | 1 |
| 15 | 1094006 | MSCR,HXH,SS,1/4-20 X 1/2 | 8 |
| 16 | 1222352 | Nut, Lock, ELAS, SS, 1/4-20 | 8 |
| 17 | 1249384 | Washer, Lock, EXT-T, #6, TYPE A, ZP | 3 |
| 18 | 1096218 | MSCR,PNH,SS,10-32 X 1/2 | 3 |
| 19 | 1249386 | Washer, Lock, EXT-T, #6, TYPE A, ZP | 4 |
| 20 | 1013018 | MSCR,BTH,SS,1/4-20 X 3.50 | 4 |
| 21 | 1094218 | MSCR,HXH,SS,10-32 X 1/2 | 12 |
| 22 | 8500856 | Clamp, Hose ,SS, #64, 2.56 X 4.50 | 1 |
| 23 | 1208384 | Washer, Plain, SS, #10 | 4 |
| 24 | 8580134 | Plate, Backup, Vibrator | 1 |
| 25 | 8580135 | Channel, Vibrator | 1 |
| 26 | 8514761 | Vibrator, 1PH, 230V, 50/60HZ | 1 |
| 27 | 1091051 | CSCR,HXH,SS,3/8 X 1-1/2 | 4 |
| 28 | 1222354 | Nut,Lock,ELAS,SS,3/8-16 | 2 |
| 29 | 1208388 | Washer,Plain,SS,3/8 NAR A | 2 |
| 30 | 8580441 | Enclosure,J-BOX, 3 HOLE | 1 |
| 31 | 1222380 | Nut,Lock,ELAS,SS,10-24 | 4 |
| 32 | 1917551 | Connector,Dome,Nut,1/2NPT | 3 |
| 33 | 3558710 | CONN,STR-RLF,L-TITE,ELB,HFC 1/2 | 3 |
| | 4041090 | Conn,Cond,90D,HFC, 1/2-90R, GRY | 3 |
| 34 | 1293447 | Pin, Spring, SS, 3/8 X 1-1/2 | 1 |
| 35 | 3554995 | Conduit, Flex, LIQ-TITE, HFC 2 1/2 | 2 |
| 36 | 1917532 | CONN,STR-RLF,.27-.46,1/2 NPT | 1 |
| 37 | 3554994 | CONN,STR-RLF,LIQ-TITE,HFC 1/2 | 1 |
| 43 | 1979001 | Tie,Cable,5.87 X .09 | 4 |
| 44 | 1979008 | Tie,Cable,14.50 X .18 | 2 |
| 45 | 8580431 | Guard,Hopper,Chemical | 1 |
| 46 | 4022643 | Washer,FNDR.,.281 X 1.500 X .047,ZP | 4 |
| 47 | 1005275 | TFSCR,HXWH,SS,10-16 X 1/2 AB | 8 |
| 48 | 8580434 | Plate,SS,Sign,3.25 X 5.00 | 1 |
| 49 | 8518046 | Label,Warning,Belt Guard | 1 |
| 50 | 3558766 | Anchor,Floor,Set of 4 | 1 |
| 51 | 0203428 | Pad,Build-up,3.5 X 3.5 X 32 | 2 |
| 52 | 0205000 | CNTNR,Scored Sheet,28 X 44.13 | 1 |
| 53 | 0201004 | CNTNR,RSC,11 X 8.5 X 4.5 | 1 |
| 54 | 0205004 | CNTNR,TELE,BTM, 52.88 X 30.50 X 5.00 | 2 |
| 55 | 0205005 | CNTNR,TUBE,52.13 X 29.50 X 25.88 | 1 |
| 56 | 0205006 | CNTNR,G-IN,12.25 X 1.13 X 48.00 | 1 |

Cow Brush (120V)

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| SECTION G | PAGE 9 |
| EFFECTIVE: 1/13/20 | |

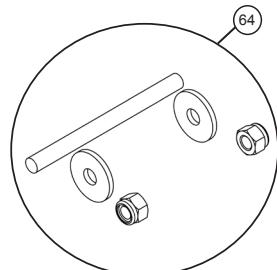
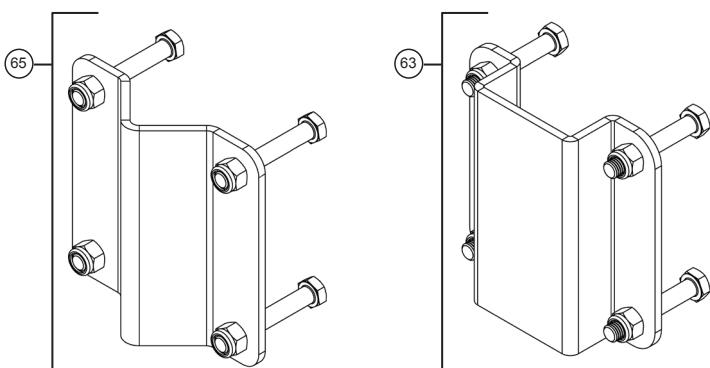
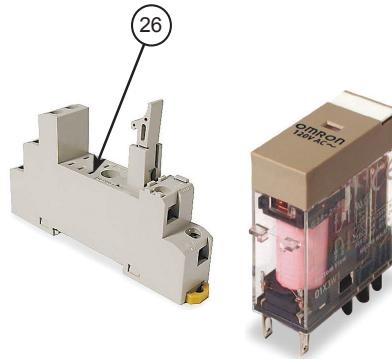


Cow Brush (120V) (Cont.)

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r AS REQ. |
|-----------|-----------|-----------------------------------|--------------------------|
| | | ⊗=OBSOLETE n/s NOT SHOWN | |
| 608100230 | ⊗ | BOUMATIC COW BRUSH, 120V | 0230 |
| 1 | 601225280 | 3X AWG 14 CABLE, IN METER | 1 |
| 2 | 608100355 | COW BRUSH,MOTOR PLATE | 1 |
| 3 | 608100232 | COW BRUSH,TIMER CNTRL BOX,110V | 1 |
| 4 | 601229242 | COW BRUSH,SCRWD CONN M20 | 1 |
| 5 | 601229247 | UNION NUT F.M20 SCREW. CONNEC- | 1 |
| 6 | 601229235 | COW BRUSH,SCRWD CONN M12 | 1 |
| 7 | 601229236 | COW BRUSH,UNION NUT M12 | 1 |
| 8 | 601226402 | COW BRUSH,INDUCTIVE SENSOR | 1 |
| 9 | 691170307 | M4X12 MACHINE SCREW M/CYL.H. | 2 |
| 10 | 690470609 | M8X16 MACHINE SCREW M. CYL.H. | 4 |
| 11 | 601226090 | COW BRUSH, NOISE FLTR,RC LED | 1 |
| 12 | 601229392 | FERRULE 1 MM2 RØD, | 1 |
| 13 | 608100034 | PULLEY A-SPA 118/1-20-6, COW | 1 |
| 14 | 692970507 | M6X12 HEX SCREW, DIN 916 A2 | 1 |
| 15 | 608100231 | GEARMOTOR 0,18KW 1X120V, USA | 1 |
| 16 | 608100221 | GEAR MOTOR 0,18KW 3X240V, USA, | - |
| 17 | 601225324 | PACKING THORSMAN TET 10-14 | 1 |
| 18 | 601229446 | GROMMET M20 CLOSED | 1 |
| 19 | 601225290 | 4X AWG 14 CABLE, IN METER | 1 |
| 20 | 601225256 | 1X2,5 MM2 CABLE GREEN/YELLOW, | 1 |
| 21 | 601225262 | AWG 18 LEDNING SORT | 1 |
| 22 | 694170802 | Ø12 WASHER 23,48/13X2,5 | 1 |
| 23 | 694170303 | Ø4 WASHER Ø11,57/4,3X1 | 1 |
| 24 | 603085255 | COW BRUSH, RING CABLE LUG | 1 |
| 25 | 603085256 | FORK M4/1,5-2,5 Kmm, | 1 |
| 26 | 601237047 | TAPE, DOUBLESIDED ADHESIVE 12 MM, | 1 |
| 27 | 601226006 | COW BRUSH,SOCKET,RELAY,2-POL | 1 |
| 28 | 601226057 | COW BRUSH,RELAY,110V | 1 |
| 29 | | | |
| 30 | 608100251 | MOUNTING PLATE CPL,HANDY BRUSH | 1 |
| 31 | 608100255 | BEARING HOUSING CP,HANDY BRUSH | 1 |
| 32 | 608100267 | COW BRUSH BOX CPL.,HANDY BRUSH | 1 |
| 33 | 608100332 | TOP PLATE, HANDY BRUSH | 1 |
| 34 | 608100334 | BOTTOM PLATE FRONT,HANDY BRUSH | 1 |
| 35 | 608100335 | BASE PLATE BACK, HANDY BRUSH | 1 |
| 36 | 608100336 | BRUSH SECTION, HANDY BRUSH | 1 |
| 37 | 608100352 | MOUNT. PLATE F. BRUSHES, HANDY | 2 |
| 38 | 608100353 | PROTECTION RING F. BRUSHES, | 2 |
| 39 | 608100354 | PROTECTIVE PIPE FOR CABLE | 2 |
| 40 | 608100243 | FLANGE BEARING Ø25, 2 HOLES, | 1 |
| 41 | 603110203 | COW BRUSH,V-BELT A 42 | 1 |
| 42 | 608100360 | COW BRUSH,SPROCKET WHL W/HUB | 1 |
| 43 | 608100036 | PULLEY A-SPA 118/1-25 | 1 |
| 44 | 690271248 | M20X220 S.S. MACHINE BOLT | 2 |
| 45 | 694071205 | M20 S.S. LOCKNUT DIN 985 | 2 |
| 46 | 690670507 | M6X12 ALLEN SCREW BH ISO 7380 | 8 |
| 47 | 690170715 | n/s M10X30 S.S. SET SCREW | 6 |
| 48 | 694070705 | M10 LOCK NUT SS DIN 985-A2 | 4 |
| 49 | 694170702 | COW BRUSH,WASHER 19,48/10,5X2 | 2 |
| 50 | 601218382 | PIN /- PIPE COTTER 8X50 MM, | 1 |
| 51 | 694070701 | M10 NUT S.S. DIN 934-A2 | 1 |
| 52 | 690170725 | M10X60 S.S. SET SCREW | 1 |
| 53 | 692970607 | M8X12 HEX SCREW 18/8 DIN 916 | 1 |
| 54 | 694170802 | Ø12 WASHER 23,48/13X2,5 | 2 |
| 55 | 694170503 | Ø6 WASHER 17,57/6,4X1,6 DIN | 12 |
| 56 | 690670505 | M6X8 ALLEN SCREW BH ISO 7380 | 4 |
| 57 | 601225731 | CAPACITOR 25 μ F | 1 |
| 58 | 601225732 | CAPACITOR 20 μ F | 1 |
| 59 | 690570305 | M4X8 ALLEN SCREW US DIN 7991 | 2 |
| 60 | 603600060 | CABLE TIE, BLACK 12X500 MM M/HUL | 2 |
| 61 | 601225061 | TR5 PCB FUSE 5 AT | 1 |
| 62 | | | |
| 63 | 608100287 | MOUNTING SET,COW BRSH,SQ POST | a/r |
| 64 | 608100289 | BRACKETS,COW BRUSH,WALL MOUNT. | a/r |
| 65 | 608100288 | MOUNTING SET F/PIPE 2"-2 1/2", | 1 |
| 66 | 608100229 | KIT, SERVICE,CAP.,COW BRUSH120V | a/r |

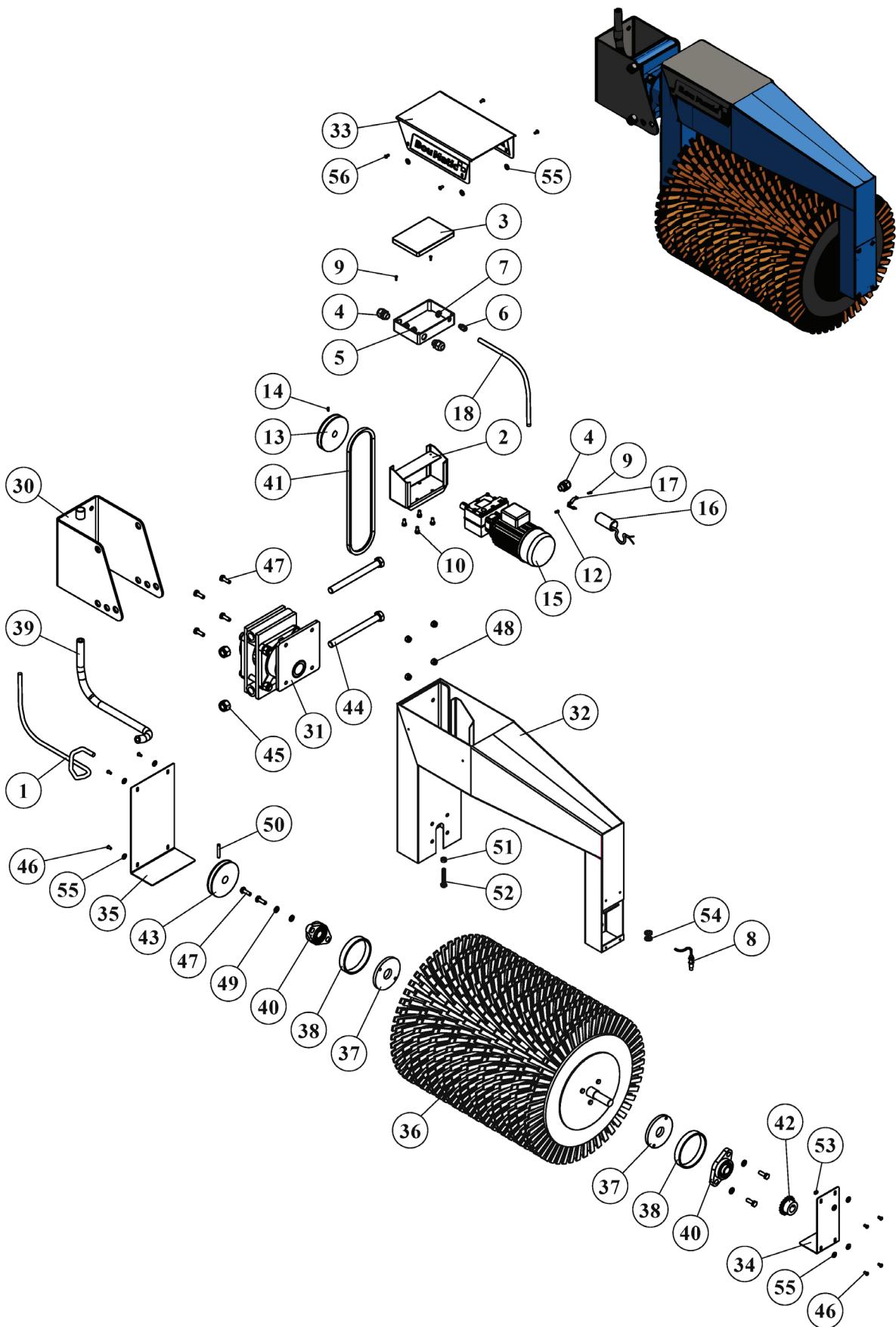
Note:

1. Item 3 includes enclosure and board.



Cow Brush (240V)

| | |
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| SECTION G | PAGE 11 |
| EFFECTIVE: 1/13/20 | |

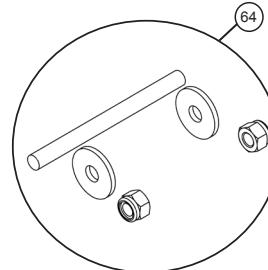
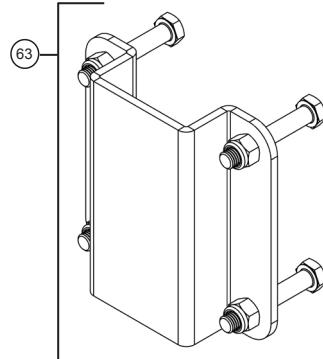
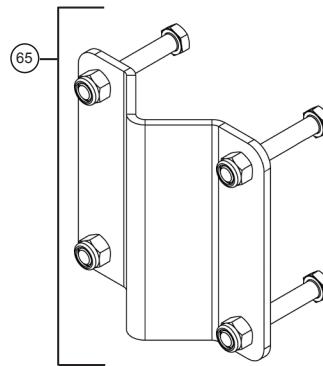


Cow Brush (240V) (Cont.)

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=f/as req. |
|------|-------------|--------------------------------|----------------------------|
| | 608100220 | BOUMATIC COW BRUSH, 240V | 0220 |
| 1 | 601225279 | 3X AWG 16 CABLE | 1 |
| 2 | 608100355 | COW BRUSH,MOTOR PLATE | 1 |
| 3 | 608100365 1 | TIMER-CONTROL W. BOX, 1X230V | 1 |
| 4 | 601229242 | COW BRUSH,SCRWD CONN M20 | 1 |
| 5 | 601229247 | UNION NUT F.M20 SCREW. CONNEC- | 1 |
| 6 | 601229235 | COW BRUSH,SCRWD CONN M12 | 1 |
| 7 | 601229236 | COW BRUSH,UNION NUT M12 | 1 |
| 8 | 601226402 | COW BRUSH,INDUCTIVE SENSOR | 1 |
| 9 | 691170307 | M4X12 MACHINE SCREW M/CYL.H. | 2 |
| 10 | 690470609 | M8X16 MACHINE SCREW M. CYL.H. | 4 |
| 11 | 601226090 | COW BRUSH, NOISE FLTR,RC LED | 1 |
| 12 | 603618029 | M4X11 POP-NUT, UFO 30 S.S., | 1 |
| 13 | 608100034 | PULLEY A-SPA 118/1-20-6, COW | 1 |
| 14 | 692970507 | M6X12 HEX SCREW, DIN 916 A2 | 1 |
| 15 | 608100221 | GEAR MOTOR 0,18KW 3X240V, USA, | 1 |
| 16 | 601225717 | COW BRUSH,CAPCITOR, MKA 450 12 | 1 |
| 17 | 601225718 | COW BRUSH, CAPACITOR CLIP | 1 |
| 18 | 601225289 | 4X AWG 16 CABLE | 1 |
| 19 | 601229391 | COW BRUSH, FERRULE .75 MM2 | 1 |
| 20 | 601229393 | COW BRUSH, FERRULE,2.5 MM2 | 1 |
| 21 | 694170802 | Ø12 WASHER 23,48/13X2,5 | 1 |
| 22 | 694170303 | Ø4 WASHER Ø11,57/4,3X1 | 1 |
| 23 | 603085255 | COW BRUSH, RING CABLE LUG | 1 |
| 24 | 603085073 | COW BRUSH, COUPLING SLV | 1 |
| 25 | 603600048 | CABLE TIE T30R NATUR., MAX.Ø35 | 1 |
| 26 | | | |
| 27 | | | |
| 28 | | | |
| 29 | | | |
| 30 | 608100251 | MOUNTING PLATE CPL,HANDY BRUSH | 1 |
| 31 | 608100255 | BEARING HOUSING CP,HANDY BRUSH | 1 |
| 32 | 608100267 | COW BRUSH BOX CPL.,HANDY BRUSH | 1 |
| 33 | 608100332 | TOP PLATE, HANDY BRUSH | 1 |
| 34 | 608100334 | BOTTOM PLATE FRONT,HANDY BRUSH | 1 |
| 35 | 608100335 | BASE PLATE BACK, HANDY BRUSH | 1 |
| 36 | 608100336 | BRUSH SECTION, HANDY BRUSH | 1 |
| 37 | 608100352 | MOUNT. PLATE F. BRUSHES, HANDY | 2 |
| 38 | 608100353 | PROTECTION RING F. BRUSHES, | 2 |
| 39 | 608100354 | PROTECTIVE PIPE FOR CABLE | 2 |
| 40 | 608100243 | FLANGE BEARING Ø25, 2 HOLES, | 1 |
| 41 | 603110203 | COW BRUSH,V-BELT A 42 | 1 |
| 42 | 608100360 | COW BRUSH,SPROCKET WHL W/HUB | 1 |
| 43 | 608100036 | PULLEY A-SPA 118/1-25 | 1 |
| 44 | 690271248 | M20X220 S.S. MACHINE BOLT | 2 |
| 45 | 694071205 | M20 S.S. LOCKNUT DIN 985 | 2 |
| 46 | 690670507 | M6X12 ALLEN SCREW BH ISO 7380 | 8 |
| 47 | 690170715 | M10X30 S.S. SET SCREW | 6 |
| 48 | 694070705 | M10 LOCK NUT SS DIN 985-A2 | 4 |
| 49 | 694170702 | COW BRUSH,WASHER 19,48/10,5X2 | 2 |
| 50 | 601218382 | PIN /- PIPE COTTER 8X50 MM, | 1 |
| 51 | 694070701 | M10 NUT S.S. DIN 934-A2 | 1 |
| 52 | 690170725 | M10X60 S.S. SET SCREW | 1 |
| 53 | 692970607 | M8X12 HEX SCREW 18/8 DIN 916 | 1 |
| 54 | 694170802 | Ø12 WASHER 23,48/13X2,5 | 2 |
| 55 | 694170503 | Ø6 WASHER 17,57/6,4X1,6 DIN | 12 |
| 56 | 690670505 | M6X8 ALLEN SCREW BH ISO 7380 | 4 |
| 57 | | | |
| 58 | | | |
| 59 | | | |
| 60 | | | |
| 61 | 601225061 | TR5 PCB FUSE 5 AT | 1 |
| 62 | | | |
| 63 | 608100287 | MOUNTING SET,COW BRSH,SQ POST | a/r |
| 64 | 608100289 | BRACKETS,COW BRUSH,WALL MOUNT. | a/r |
| 65 | 608100288 | MOUNTING SET F/PIPE 2"-2 1/2", | 1 |
| 66 | 601225717 | CAPACITOR, COW BRUSH, 12.5 UF | 1 |

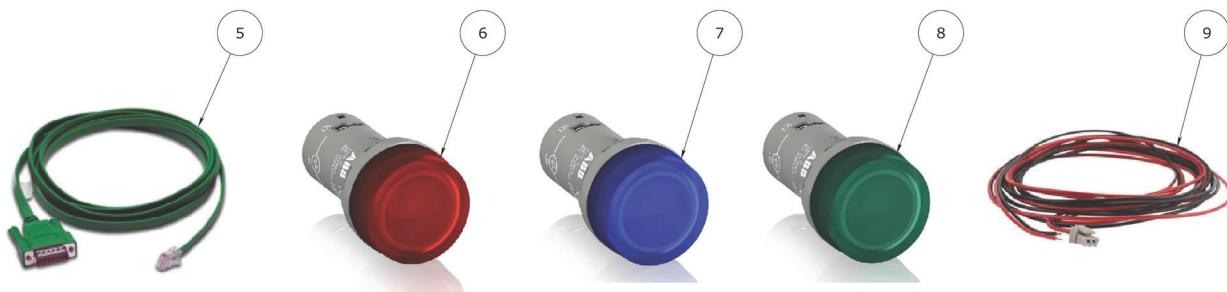
Note:

1. Item 3 includes enclosure and board.



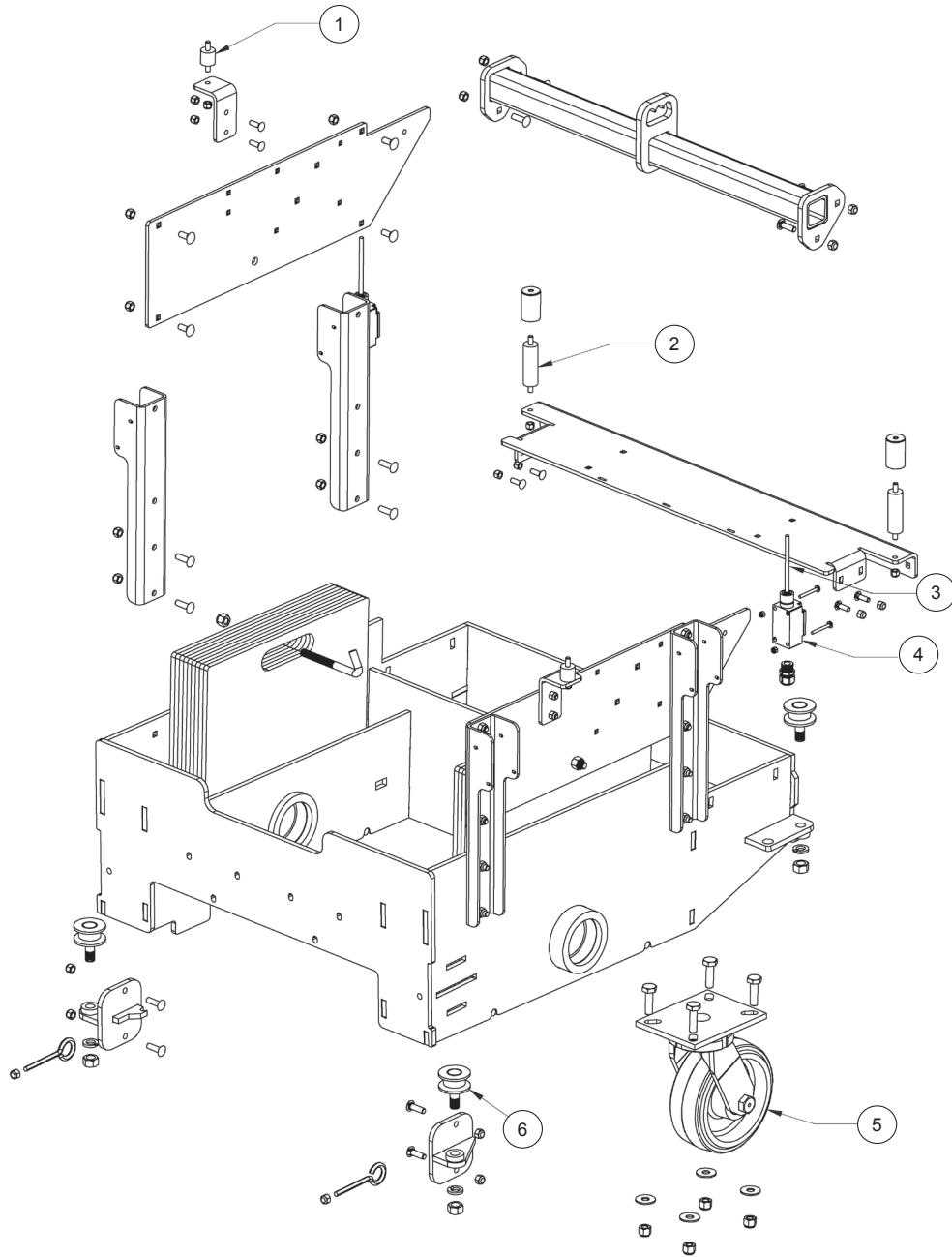
Foot Bath Control

| | |
|---------------------|-------------------|
| SECTION G | PAGE 13 |
| EFFECTIVE: 5/16/19 | |



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|------|----------|-------------------------------|--------------------------|
| 1 | 3563555 | RELAY,OUTPUT MODULE 8 POINT | a/r |
| 2 | 3563556 | BATTERY,CR2354,3V,LITHIUM | a/r |
| 3 | 3563557 | PLC,CLICK,ETHERNET BASIC, 24V | a/r |
| 4 | 3563558 | TOUCH SCREEN, HMI, 6INCH | a/r |
| 5 | 3563559 | CABLE, RS232 | a/r |
| 6 | 3563560 | PILOT LIGHT,RED,FB | a/r |
| 7 | 3563561 | PILOT LIGHT,BLUE,FB | a/r |
| 8 | 3563562 | PILOT LIGHT,GREEN,FB | a/r |
| 9 | 3563563 | CONNECTOR ASSY W/ LEAD WIRE | a/r |

FP-2 Frame



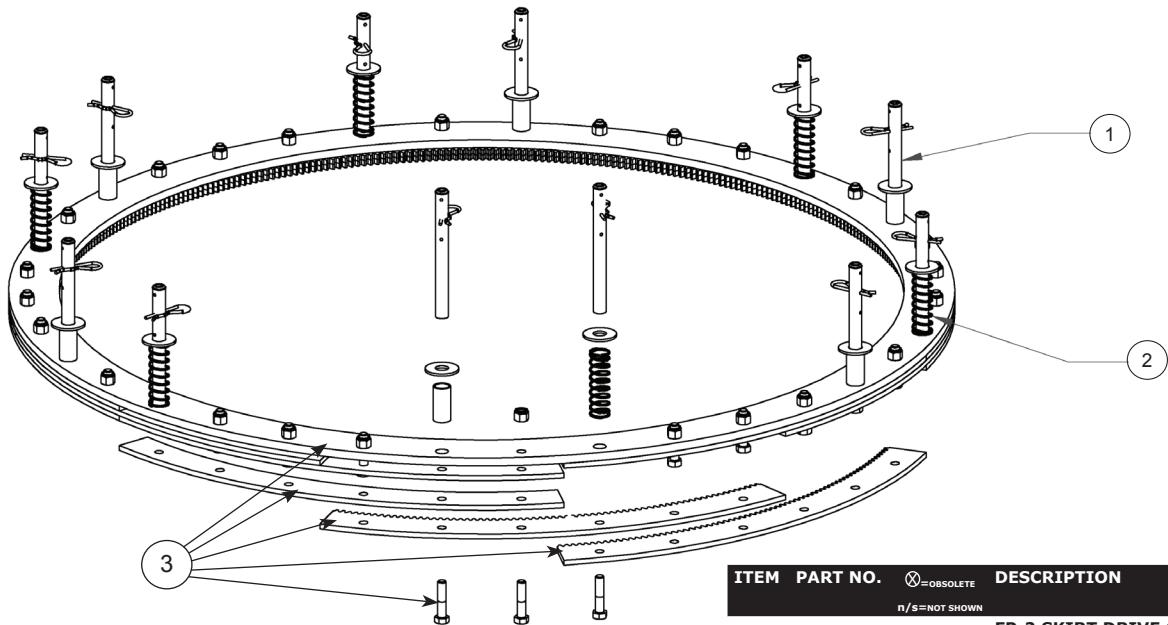
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|-------------------|----------|----------------------------------|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| FP-2 FRAME | | | |
| - | - | - | - |
| 1 | 8593060 | FP-1, ANTI-VIB BLOC, 5/16X18 X1' | a/r |
| 2 | 8593059 | FP-1, ANTI-VIB BLOC, 3X5/16X18 | a/r |
| 3 | 8593346 | FEED PUSHER LIMIT SWITCH | a/r |
| 4 | 8593065 | FP-1, LIMIT SWITCH STOP | a/r |
| 5 | 8593052 | FP-1, ROUE SWIVEL 8" X 3", | a/r |
| 6 | 8593046 | FP-1, CAM FOLLOWER FLANGED | a/r |

FP-2 Remote Control

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|-------------------|----------|------------------------|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| FP-2 FRAME | | | |
| 1 | 8593064 | FP-1, JOYSTICK, 5 PSTN | a/r |

FP-2 Skirt Drive Gear

| | |
|-----------------------|-------------------|
| SECTION G | PAGE 15 |
| EFFECTIVE: 5/17/22 | |

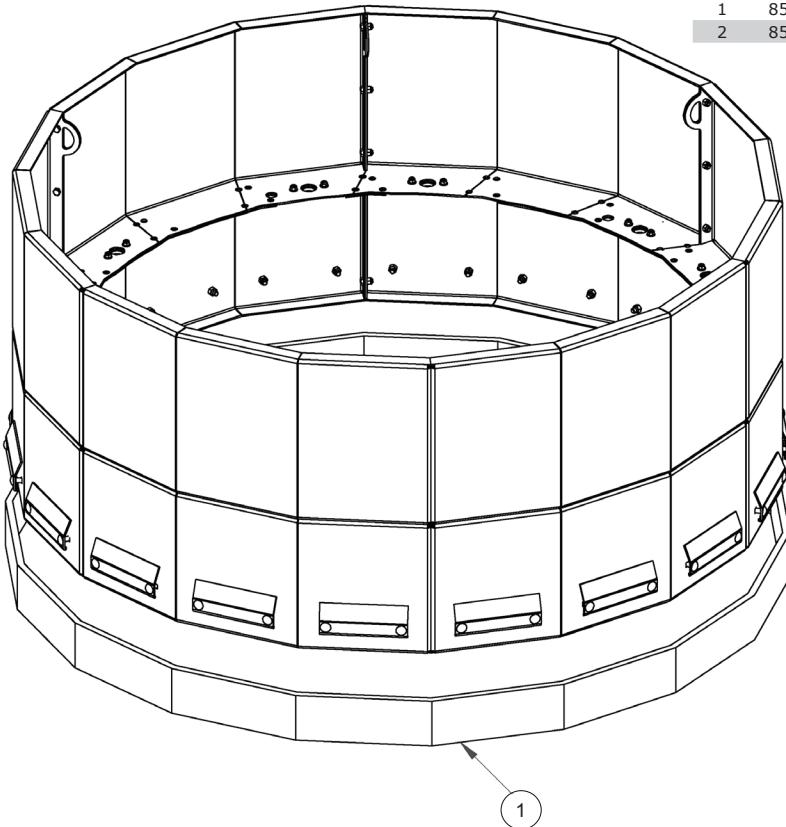


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|---------------|----------------------|----------------------|-----------|
| n/s=NOT SHOWN | | | |
| 1 | 8593599 | FP-2,DRIVING ROD | a/r |
| 2 | 8593598 | FP-2, SPRING | a/r |
| 3 | 8597203 ¹ | SKIRT DRIVE GEAR FP2 | |

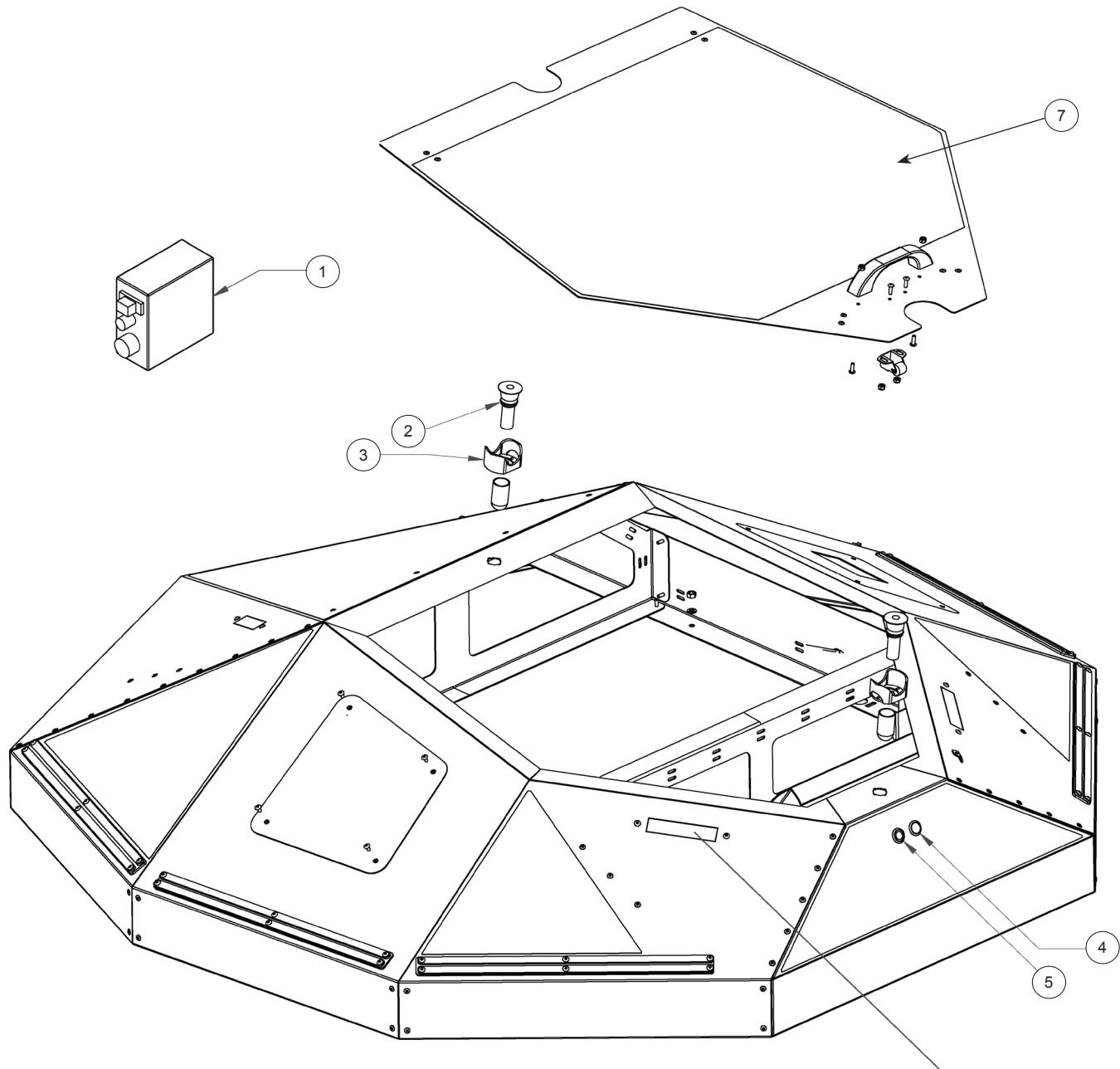
Note: 1. Includes Single Layer Round Ring, 3 Layers of Stacked Teeth Strips, 3 Bolts

FP-2 Rotating Skirt

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|----------------------------|----------|-----------------------------------|-----------|
| n/s=NOT SHOWN | | | |
| FP-2 ROTATING SKIRT | | | |
| 1 | 8593600 | FP-2,SKIRT | a/r |
| 2 | 8595453 | n/s FP2, RUBBER RED HEAVY DUTY CO | a/r |



FP-2 Hood



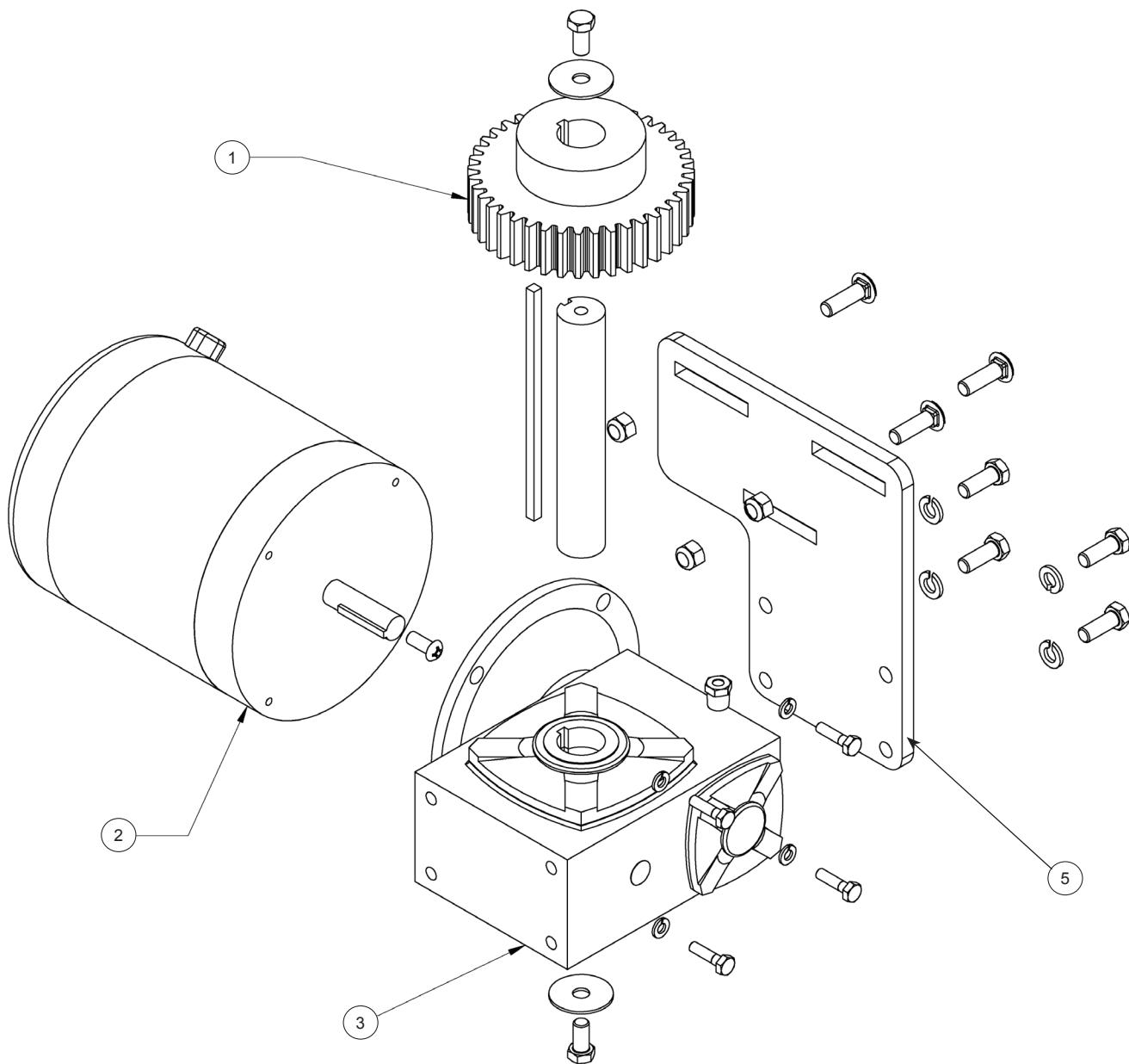
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------------------|----------------------|--------------------------------|-------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| FP-2 HOOD | | | |
| 1 | 8593606 | FEED PSHR SHOCKER | a/r |
| 2 | 8593067 | FP-1, EMERGENCY STOP BUTTON | a/r |
| 3 | 8593349 | FEED PUSHER, E-BUTTON COVER | a/r |
| 4 | 8593347 | PUSHER,PUSHBTN CONTACT,NOT MTN | a/r |
| 5 | 8593350 | PUSHER,PUSH BTN CONTACT MTN | a/r |
| 6 | 8593351 | FEED PUSHER LED | a/r |
| 7 | 8597206 ¹ | LID ASSEMBLY, FP2 | a/r |

Note:

1. PN 8597206 includes latch, handle, and decal.

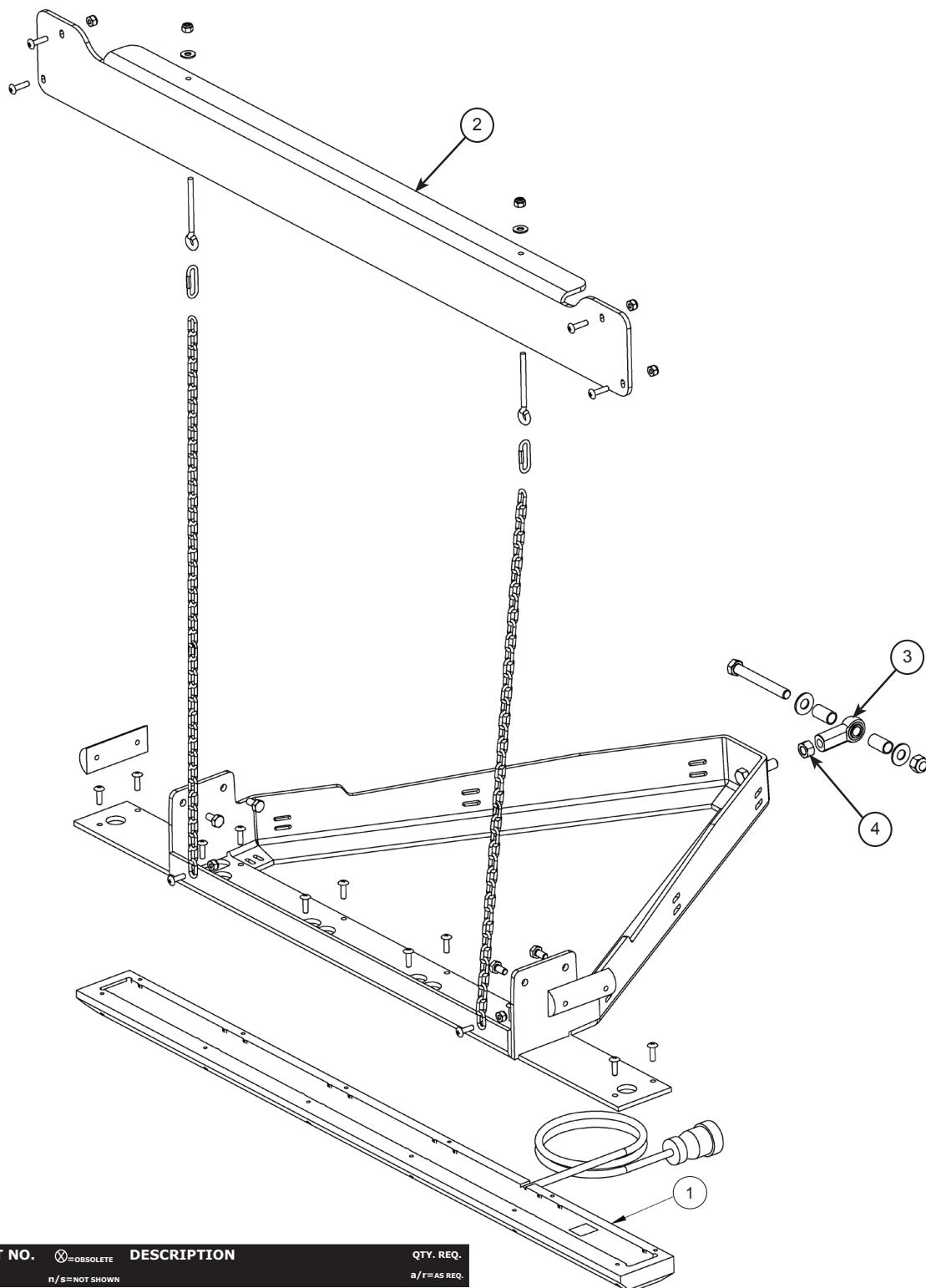
FP-2 Skirt Motor

| | |
|---------------------|-------------------|
| SECTION G | PAGE 17 |
| EFFECTIVE: 11/19/19 | |



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r AS REQ. |
|---------------|----------|--------------------------------|--------------------------|
| n/s=NOT SHOWN | | | |
| - | ----- | FP-2 SKIRT MOTOR | - |
| 1 | 8593602 | FP-2,TUB SPROCKET | a/r |
| 2 | 8593056 | FP-1, MTOR,.5 HP,320 RPM,24VDC | a/r |
| 3 | 8593042 | FP-1, REDUCER CC60-15H, 1-1/8 | a/r |
| 4 | 8593055 | n/s FP-1, BRUSH | a/r |
| 5 | 8594469 | FP-2,SKRT MOTOR MOUNTING PLATE | a/r |

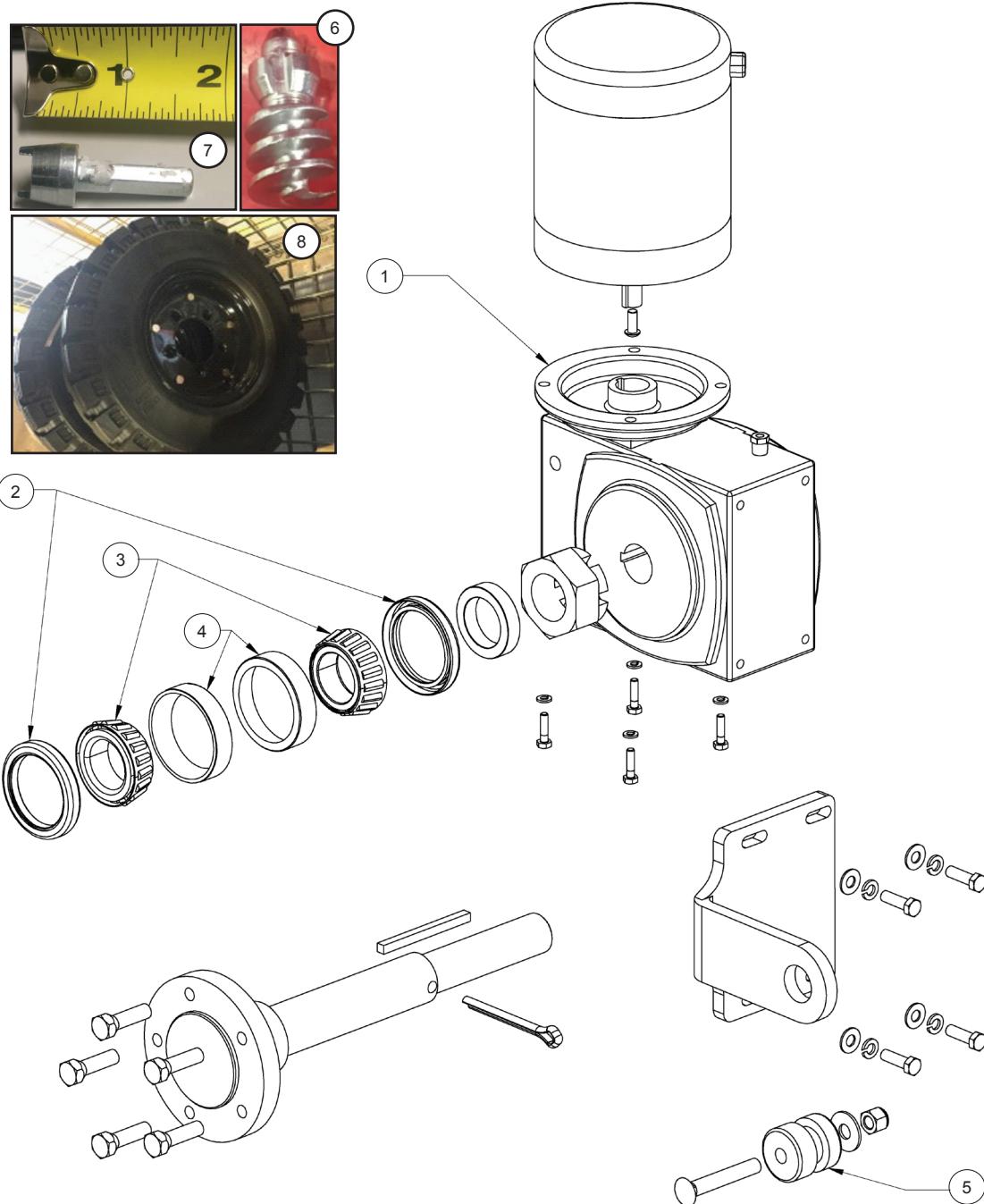
FP-2 Magnetic Sensor



| ITEM | PART NO. | X=OBSOLETE N/S=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r AS REQ. |
|-----------------------------|----------|-----------------------------|---------------------------|--------------------------|
| FP-2 MAGNETIC SENSOR | | | | |
| 1 | 8593604 | | FP-2,SENSOR MAGNET | a/r |
| 2 | 8596721 | | SENSOR BRACKET,FP2 | a/r |
| 3 | 8596722 | | TIE-ROD END,3/8 NF FEMALE | a/r |
| 4 | 8596723 | | HEX NUT 3/8 UNF ZP | a/r |

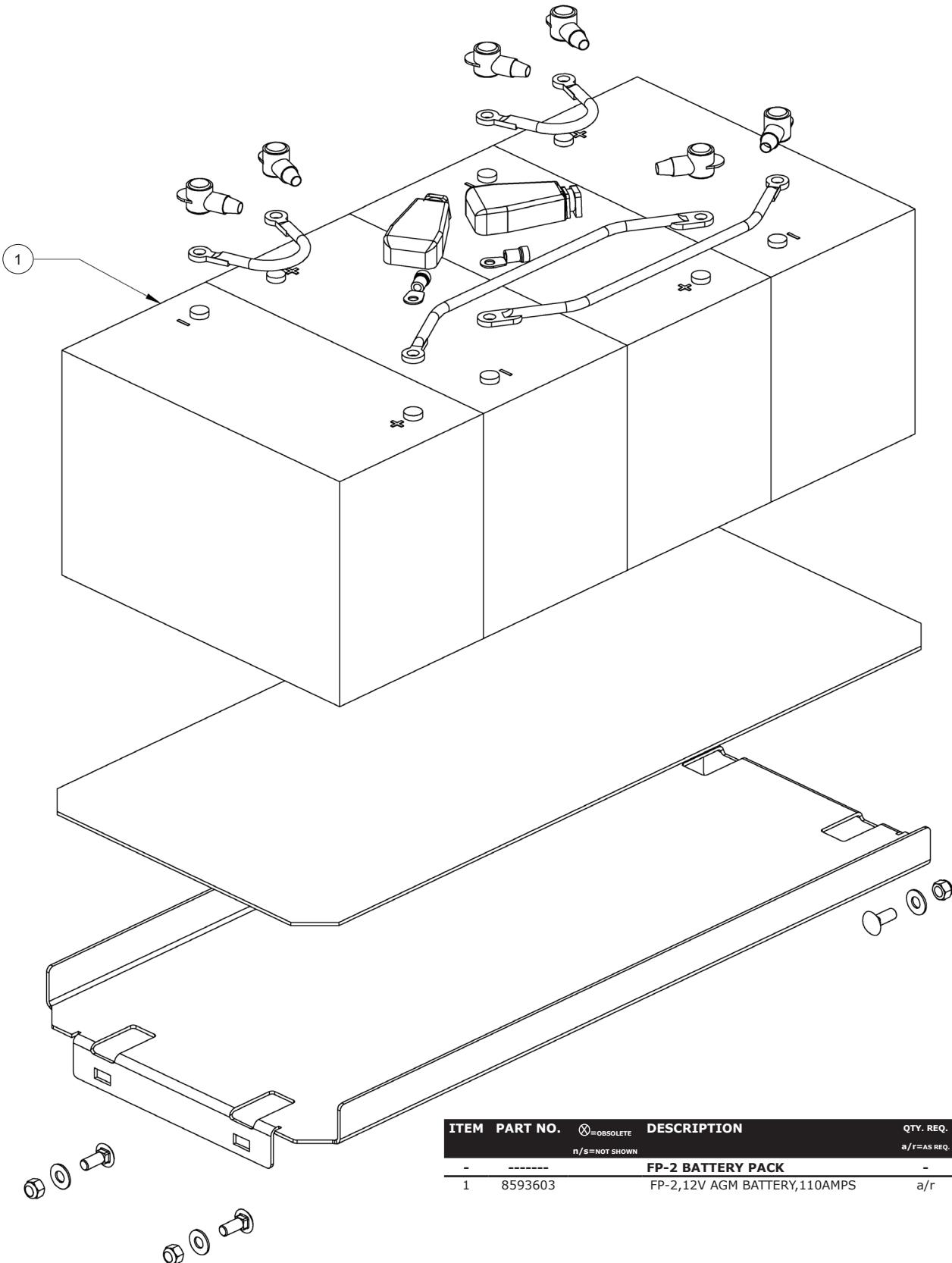
FP-2 Traction Motor Assembly

| | |
|-----------------------|-------------------|
| SECTION G | PAGE 19 |
| EFFECTIVE: 4/26/21 | |



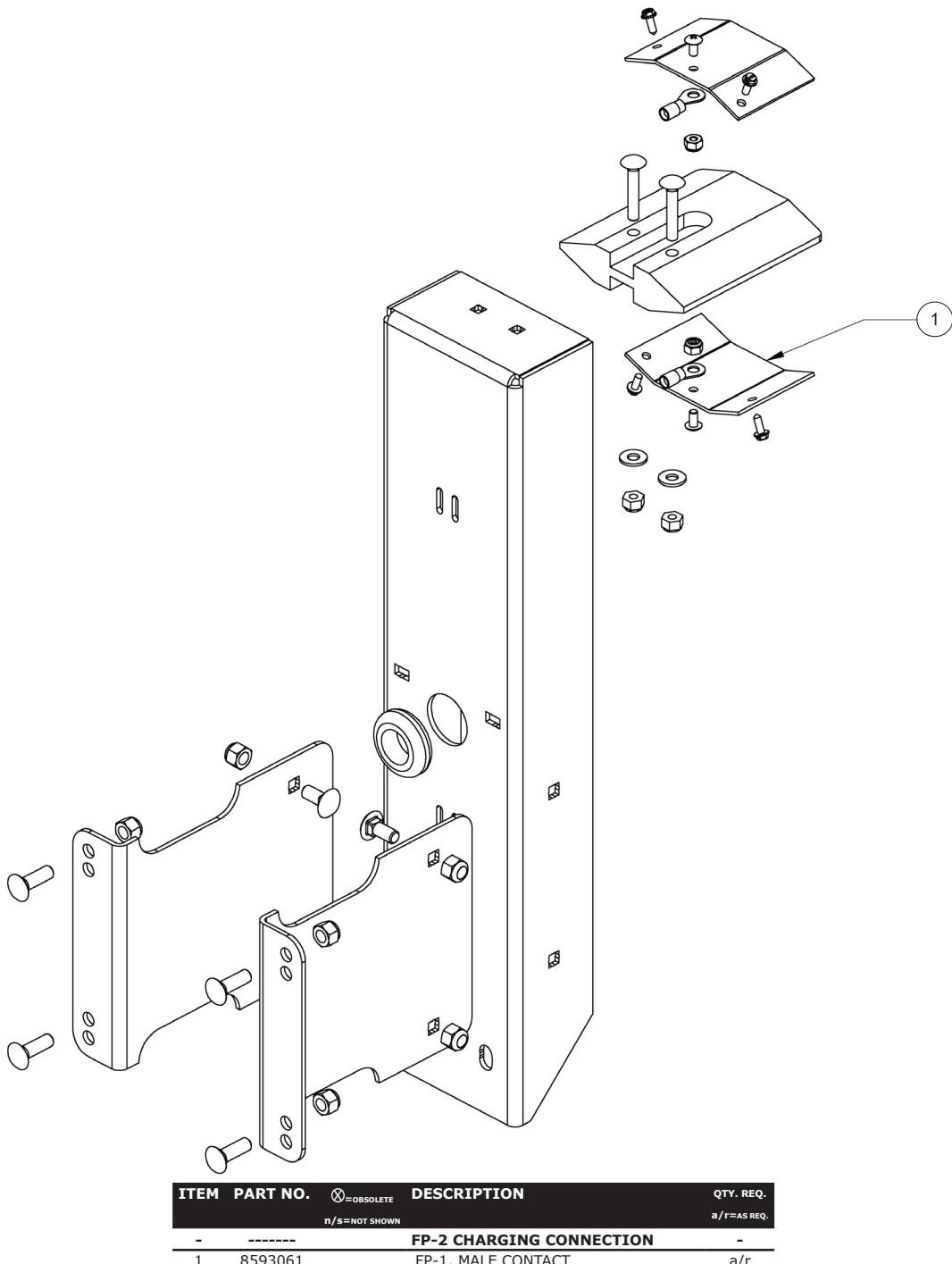
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------|----------------|---------------------------------------|--------------|
| | | n/s=NOT SHOWN | a/r=AS REQ. |
| - | 8593056 | FP-1, MOTOR,.5HP,320 RPM,24VDC | - |
| 1 | 8593597 | FP-2, GEAR BOX | a/r |
| 2 | 8593594 | FP-2, OIL SEAL | a/r |
| 3 | 8593596 | FP-2, ROLLER BEARING | a/r |
| 4 | 8593595 | FP-2, ROLLER BEARING SMTH | a/r |
| 5 | 8593344 | FEED PUHSER,VIBRATION DAMPING | a/r |
| 6 | 8595337 | RANGER WHEEL NAIL | 10 per wheel |
| 7 | 8595338 | RANGER WHEEL NAIL TOOLS | a/r |
| 8 | 8593601 | FP2,TRACTION WHEEL | a/r |

FP-2 Battery Pack

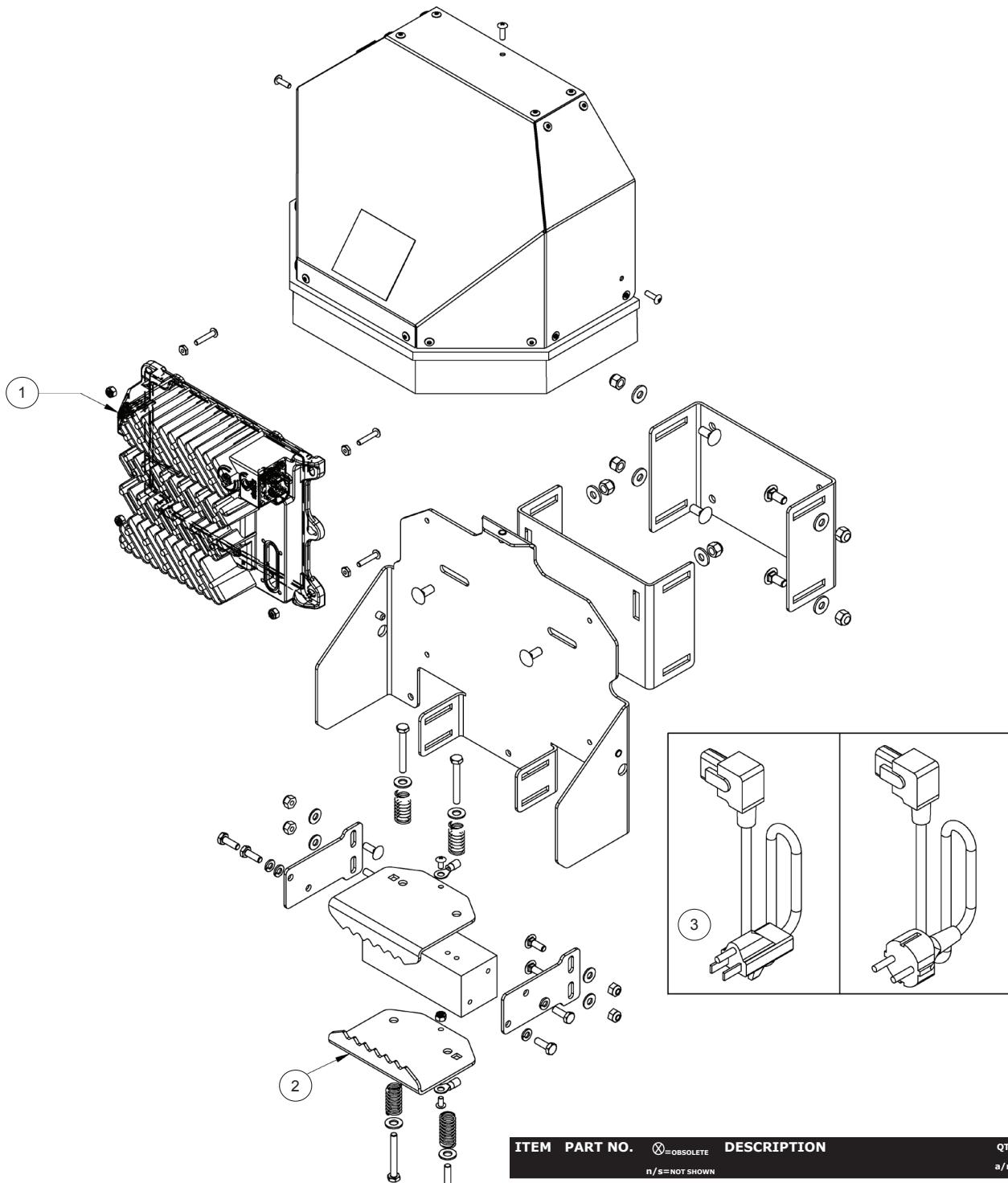


FP-2 Charging Connection

| | |
|-----------------------|-------------------|
| SECTION G | PAGE 21 |
| EFFECTIVE: 12/5/18 | |



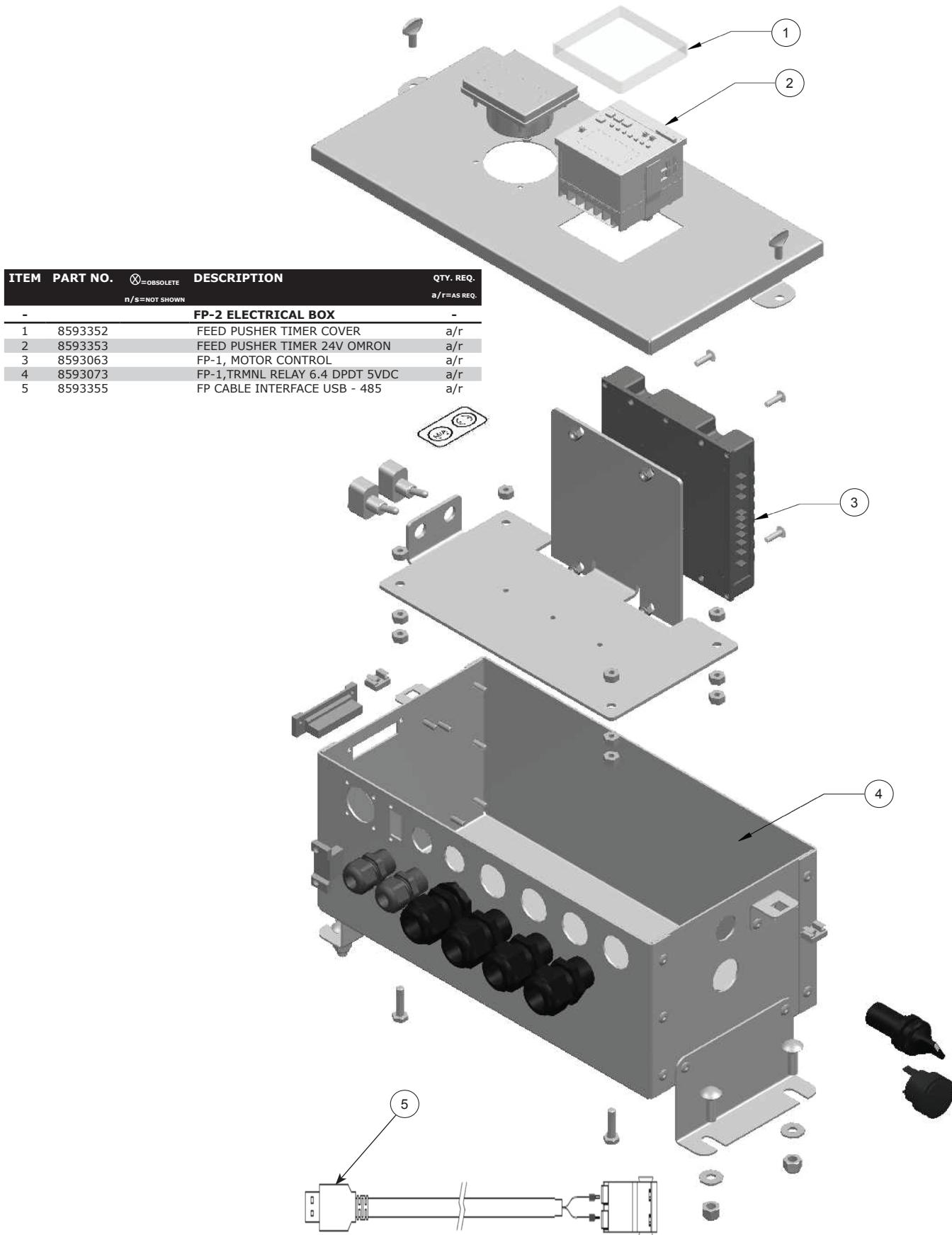
FP-2 Charging Station



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------|----------------|------------------------------------|-------------|
| | | ⊗=OBSOLETE n/s=NOT SHOWN | a/r=AS REQ. |
| - | 8593605 | FEED PSHR, CHARGING STATION | - |
| 1 | 8593357 | FEED PSHR CHARGER 24VDC 650W | a/r |
| 2 | 8593069 | FP-1, FEMALE CONTACT | a/r |
| 3 | 8593356 | FEED PUSHER CHARGER CORD AC | a/r |

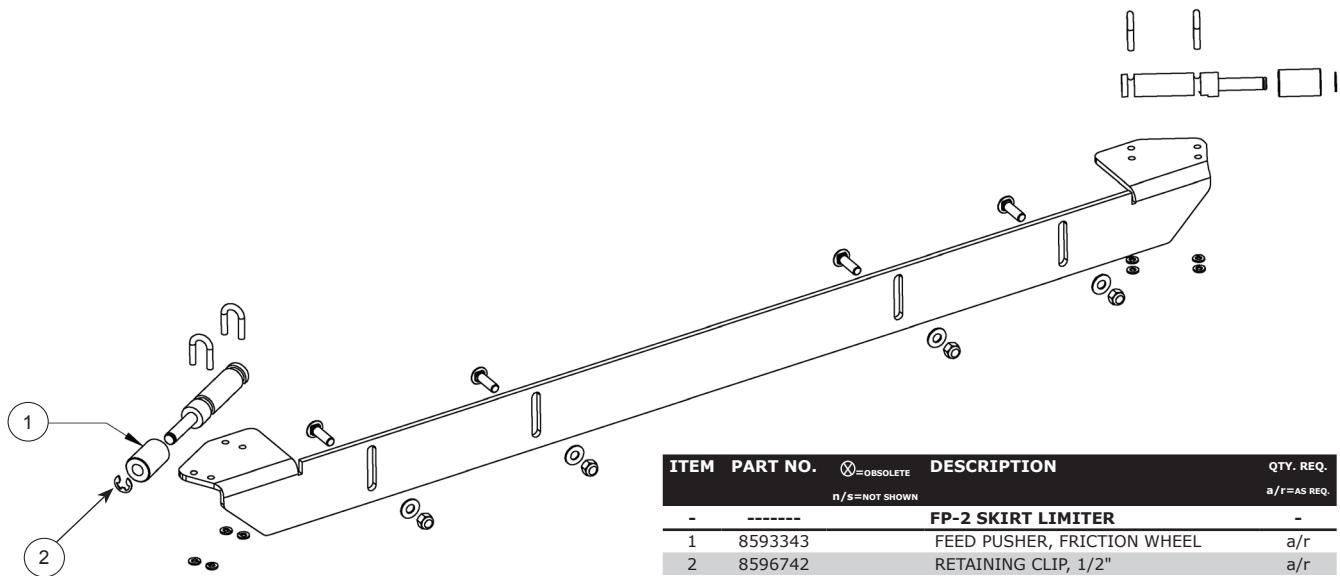
FP-2 Electrical Box

| | |
|-----------------------|-------------------|
| SECTION G | PAGE 23 |
| EFFECTIVE: 12/5/18 | |



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|----------------------|----------|--------------------------------|-----------|
| | | ⊗=OBSOLETE | |
| <i>n/s=NOT SHOWN</i> | | | |
| - | | FP-2 ELECTRICAL BOX | - |
| 1 | 8593352 | FEED PUSHER TIMER COVER | a/r |
| 2 | 8593353 | FEED PUSHER TIMER 24V OMRON | a/r |
| 3 | 8593063 | FP-1, MOTOR CONTROL | a/r |
| 4 | 8593073 | FP-1,TRMNL RELAY 6.4 DPDT 5VDC | a/r |
| 5 | 8593355 | FP CABLE INTERFACE USB - 485 | a/r |

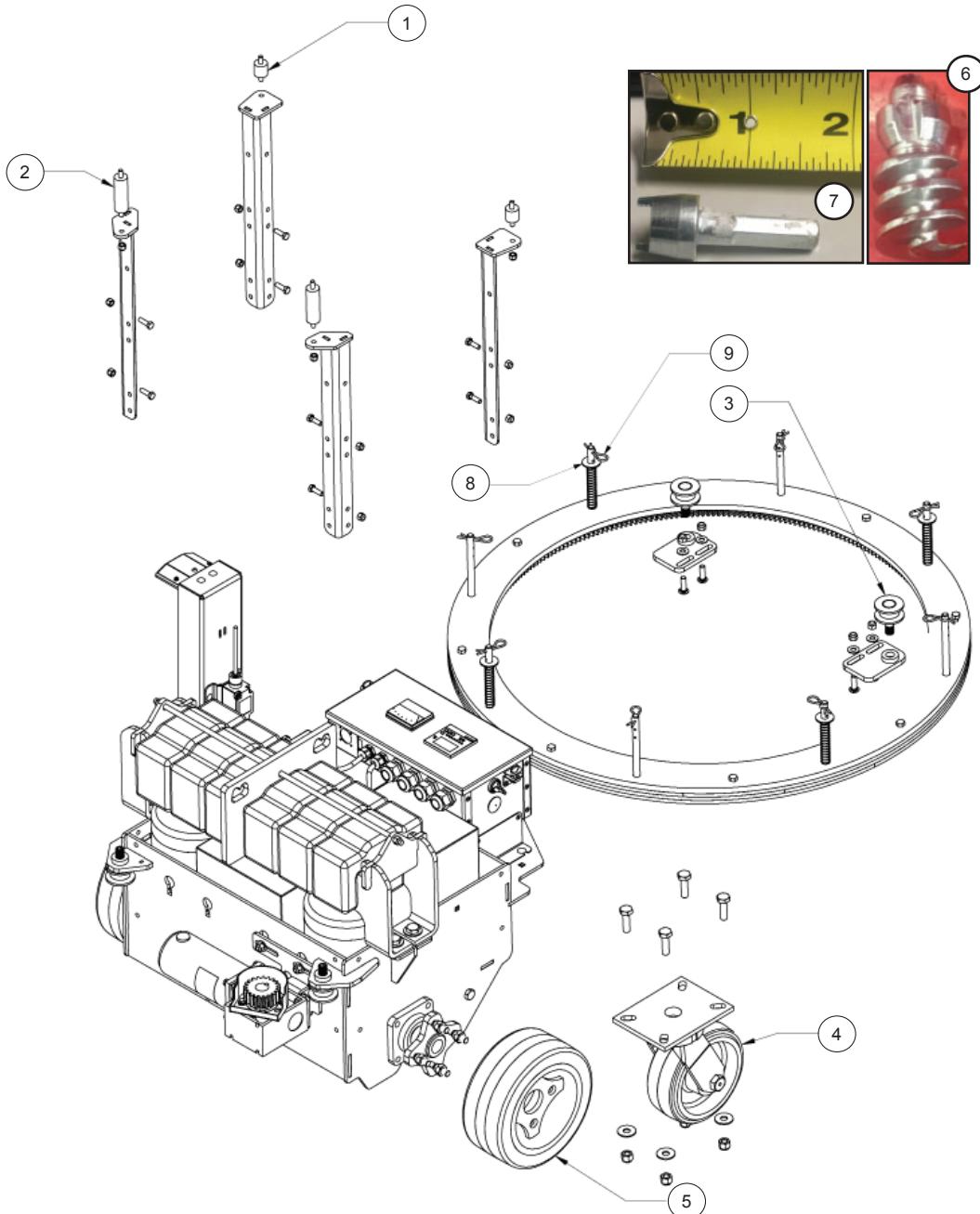
FP-2 Skirt Limiter



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------------------------|----------|-----------------------------|--------------------------|
| FP-2 SKIRT LIMITER | | | |
| 1 | 8593343 | FEED PUSHER, FRICTION WHEEL | a/r |
| 2 | 8596742 | RETAINING CLIP, 1/2" | a/r |

FP-1 v2 Frame

| | |
|-----------------------|-------------------|
| SECTION G | PAGE 25 |
| EFFECTIVE: 3/17/23 | |

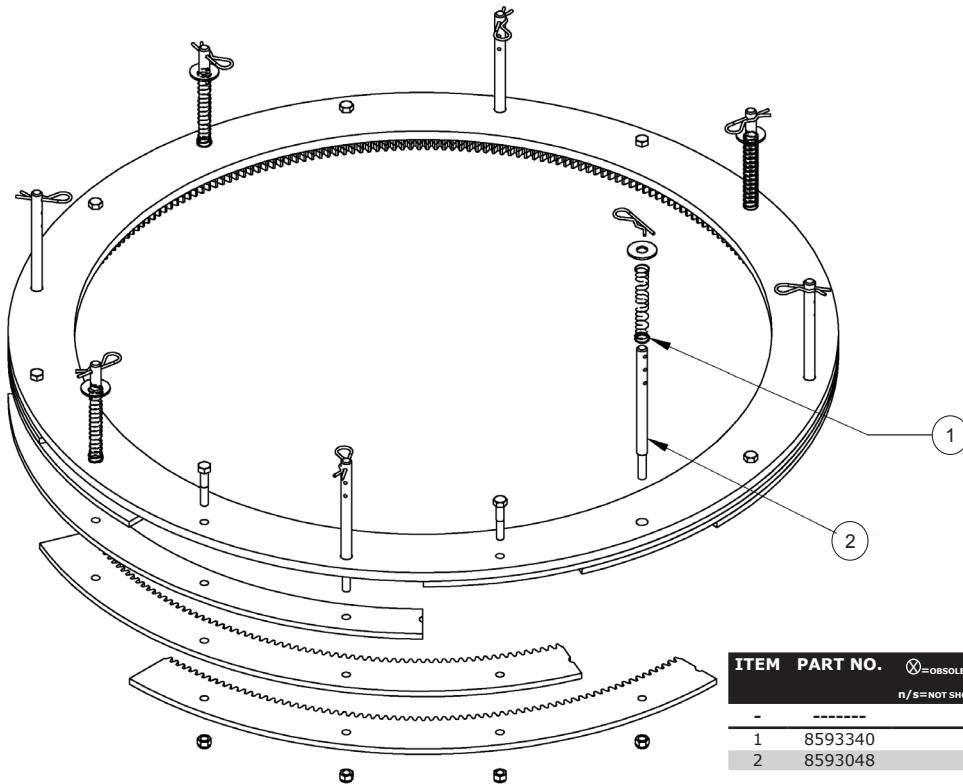


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------|----------|----------------------------------|--------------|
| | | N/S=NOT SHOWN | a/r=AS REQ. |
| - | ----- | FP-1 FRAME | - |
| 1 | 8593059 | FP-1, ANTI-VIB BLOC, 3X5/16X18 | a/r |
| 2 | 8593060 | FP-1, ANTI-VIB BLOC, 5/16X18 X1' | a/r |
| 3 | 8594470 | FP-2, CAM FOLLOWER FLNGD, HD STL | a/r |
| 4 | 8593052 | FP-1, ROUE SWIVEL 8" X 3" | a/r |
| 5 | 8593051 | FP-1, TRACTION WHEEL | a/r |
| 6 | 8595337 | RANGER WHEEL NAIL | 10 per wheel |
| 7 | 8595338 | RANGER WHEEL NAIL TOOLS | a/r |
| 8 | 8596293 | RANGER WASHER 1/2 BOLT Z.P. | a/r |
| 9 | 8596482 | RANGER HOOK PIN 1/8 X 2 3/4 | a/r |

FP-2 Remote Control

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------|----------|----------------------------|-------------|
| | | N/S=NOT SHOWN | a/r=AS REQ. |
| - | ----- | FP-2 FRAME | - |
| 1 | 8593064 | n/s FP-1, JOYSTICK, 5 PSTN | a/r |

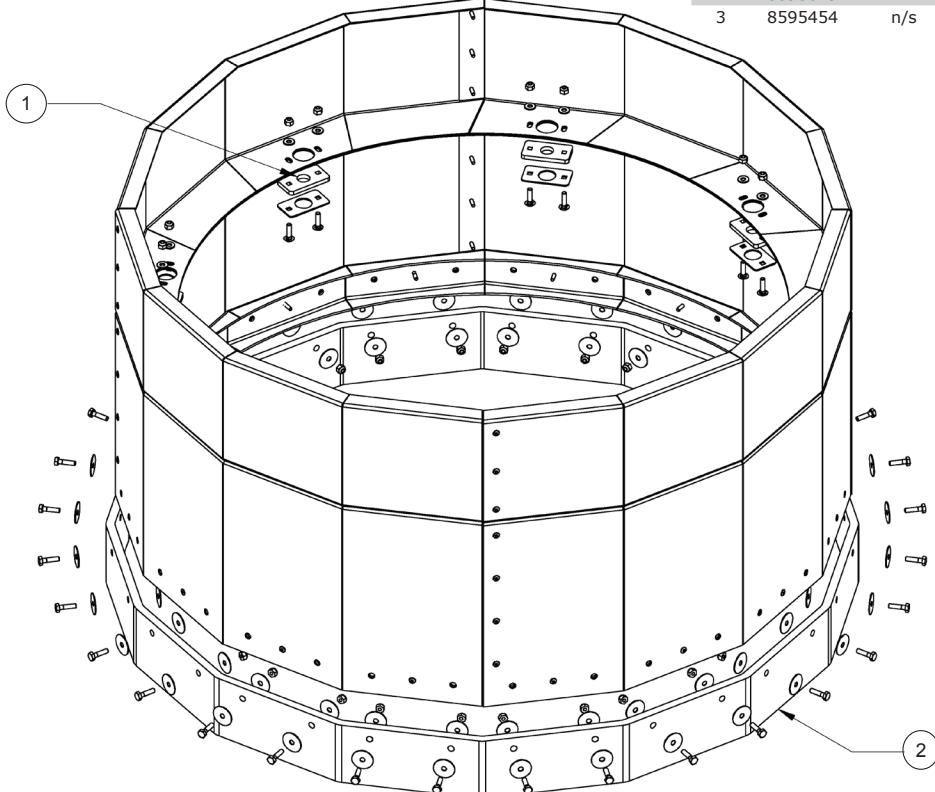
FP-1 v2 Skirt Drive Gear



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------------------------------|----------|------------------------------|-----------|
| n/s=NOT SHOWN | | | |
| FP-1 SKIRT DRIVE GEAR | | | |
| 1 | 8593340 | FEED PUSHER, SPRING 5/8 X 4" | a/r |
| 2 | 8593048 | FP-1, ROD | a/r |

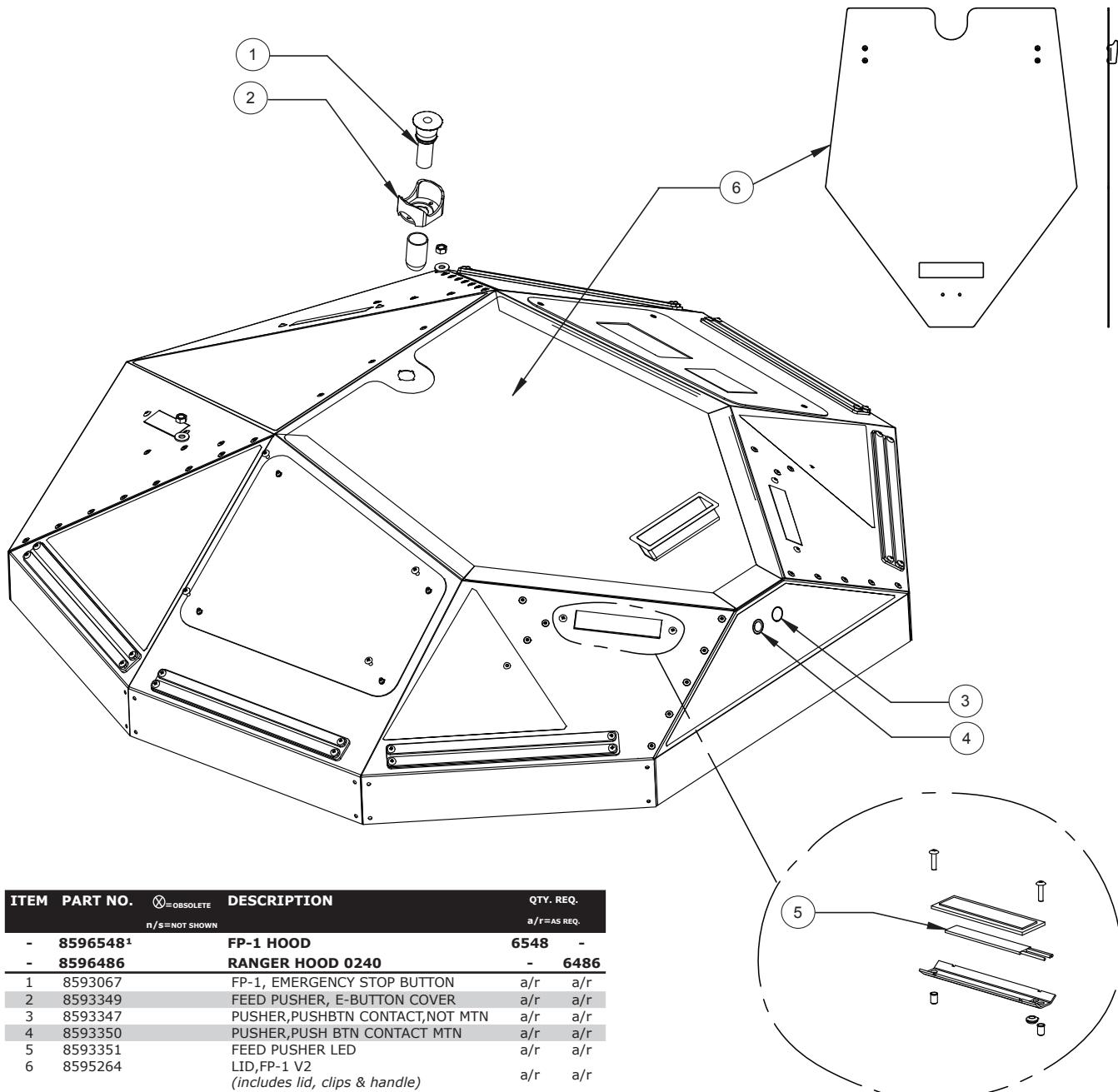
FP-1 v2 Rotating Skirt

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|----------------------------|----------|-------------------------|-----------|
| n/s=NOT SHOWN | | | |
| FP-1 ROTATING SKIRT | | | |
| 1 | 8593341 | FEED PUSHER, WEAR PLATE | a/r |
| 2 | 8593049 | FP-1, SKIRT | a/r |
| 3 | 8595454 | n/s | a/r |



FP-1 v2 Hood

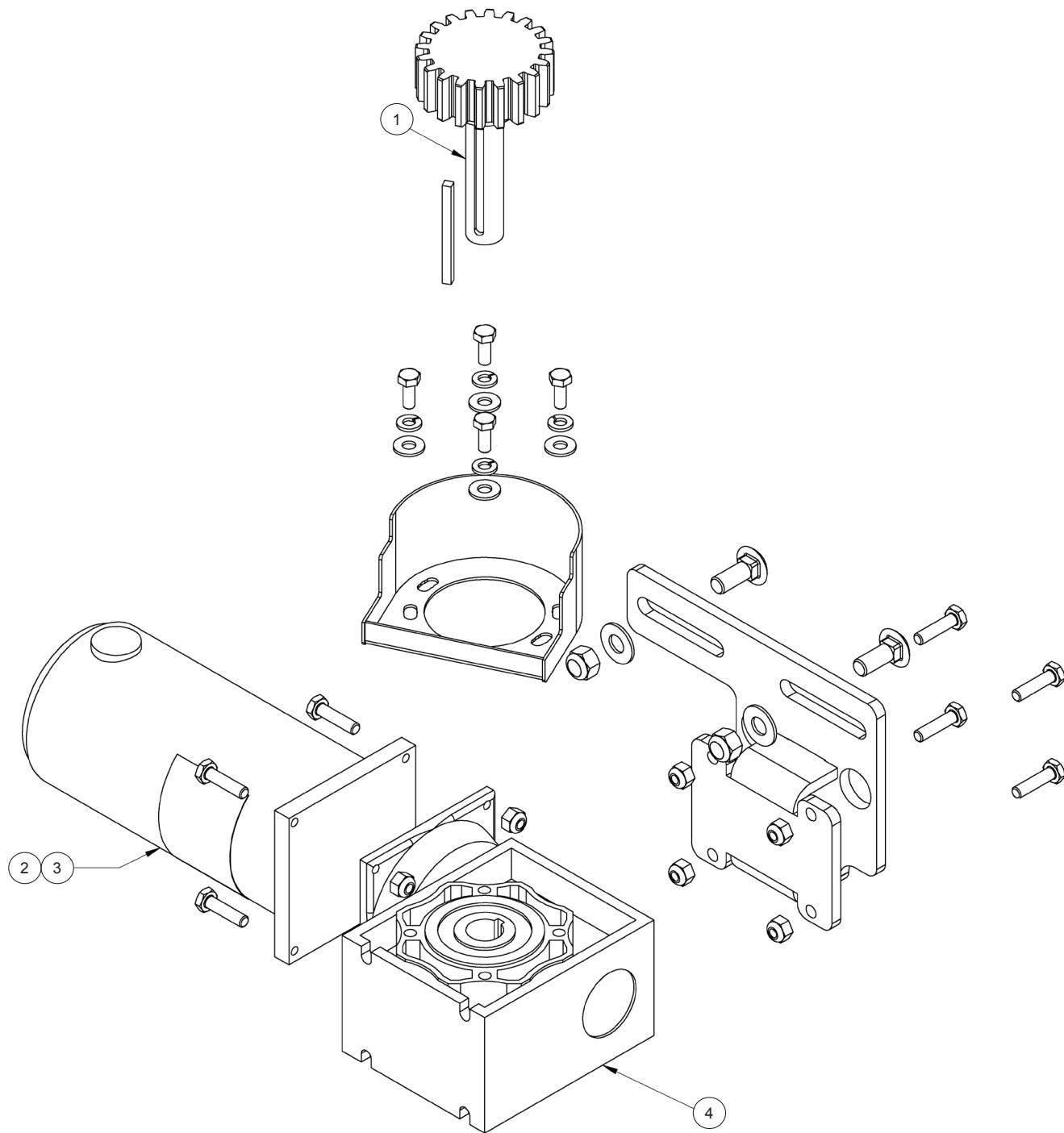
| | |
|-----------------------|-------------------|
| SECTION G | PAGE 27 |
| EFFECTIVE: 7/14/23 | |



Notes:

1. For FP-1 V1 hood in stainless steel, order part number 8597642.

FP-1 v2 Skirt Motor

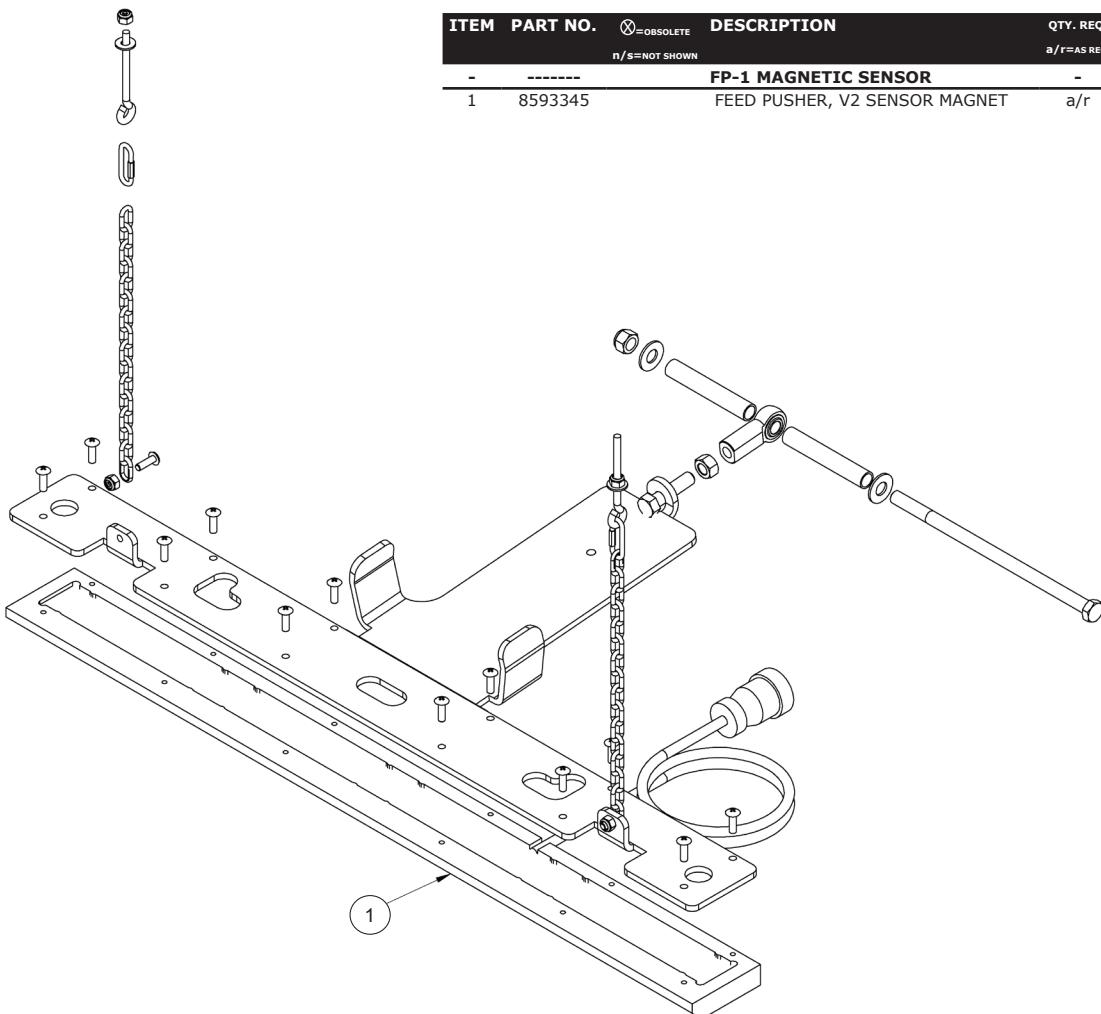


| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|-------------------------|----------|-----------------------------------|---------------|
| | | N/S=NOT SHOWN | a/r = AS REQ. |
| FP-1 SKIRT MOTOR | | | |
| - | ----- | | - |
| 1 | 8593342 | FP, PINION S820 X 1' INK. W1/4 | a/r |
| 2 | 8593054 | FP-1, MOTOR, 24VDC, 300W, 1800RPM | a/r |
| 3 | 8593053 | FP-1, BRUSH FOR QA153 MOTOR | a/r |
| 4 | 8593043 | FP-1, REDUCER 40 TO 1, BLUE | a/r |

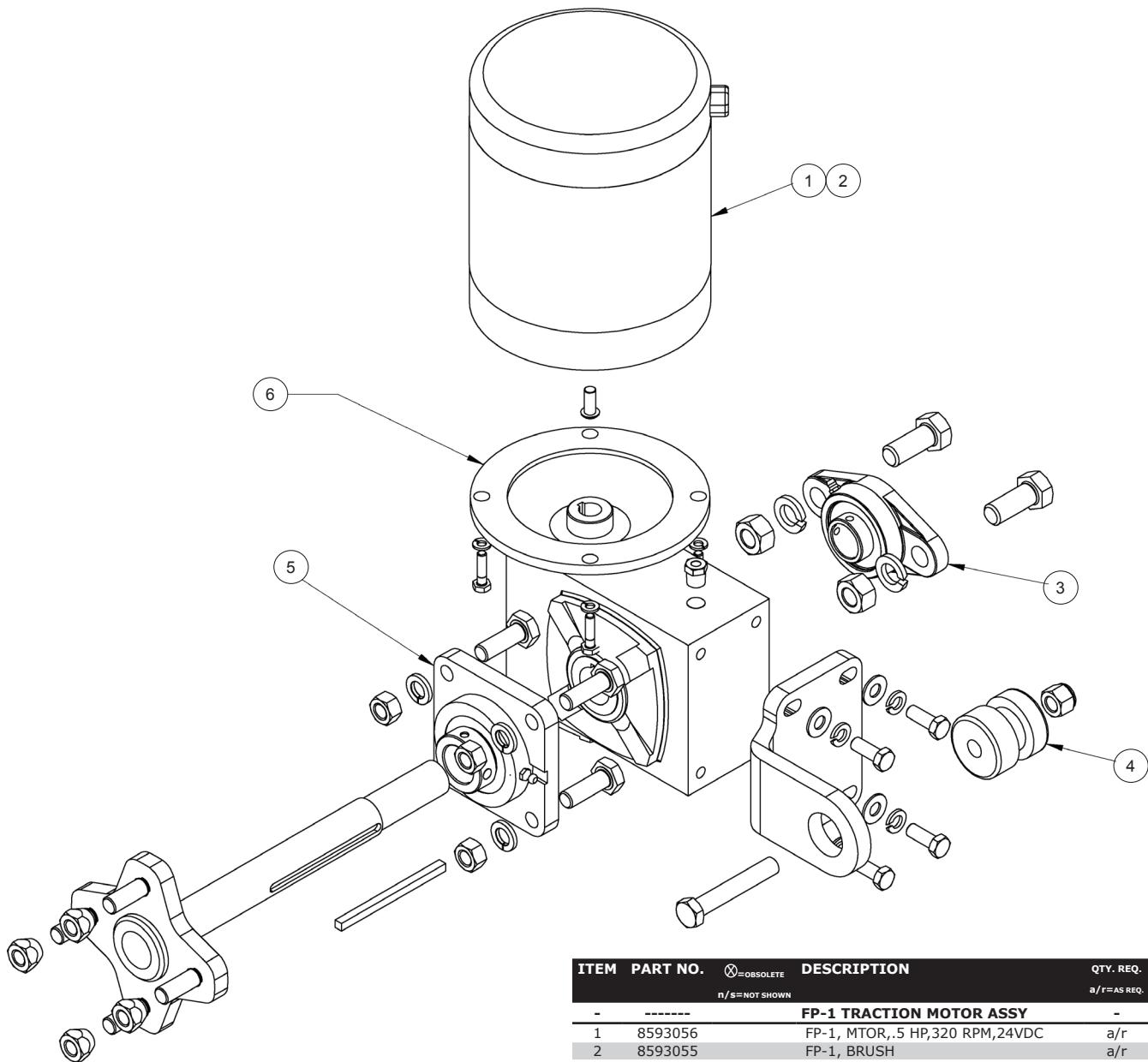
FP-1 v2 Magnetic Sensor

| | |
|---------------------|-------------------|
| SECTION G | PAGE 29 |
| EFFECTIVE: 12/11/18 | |

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------|----------|-------------------------------|-----------|
| - | - | FP-1 MAGNETIC SENSOR | - |
| 1 | 8593345 | FEED PUSHER, V2 SENSOR MAGNET | a/r |



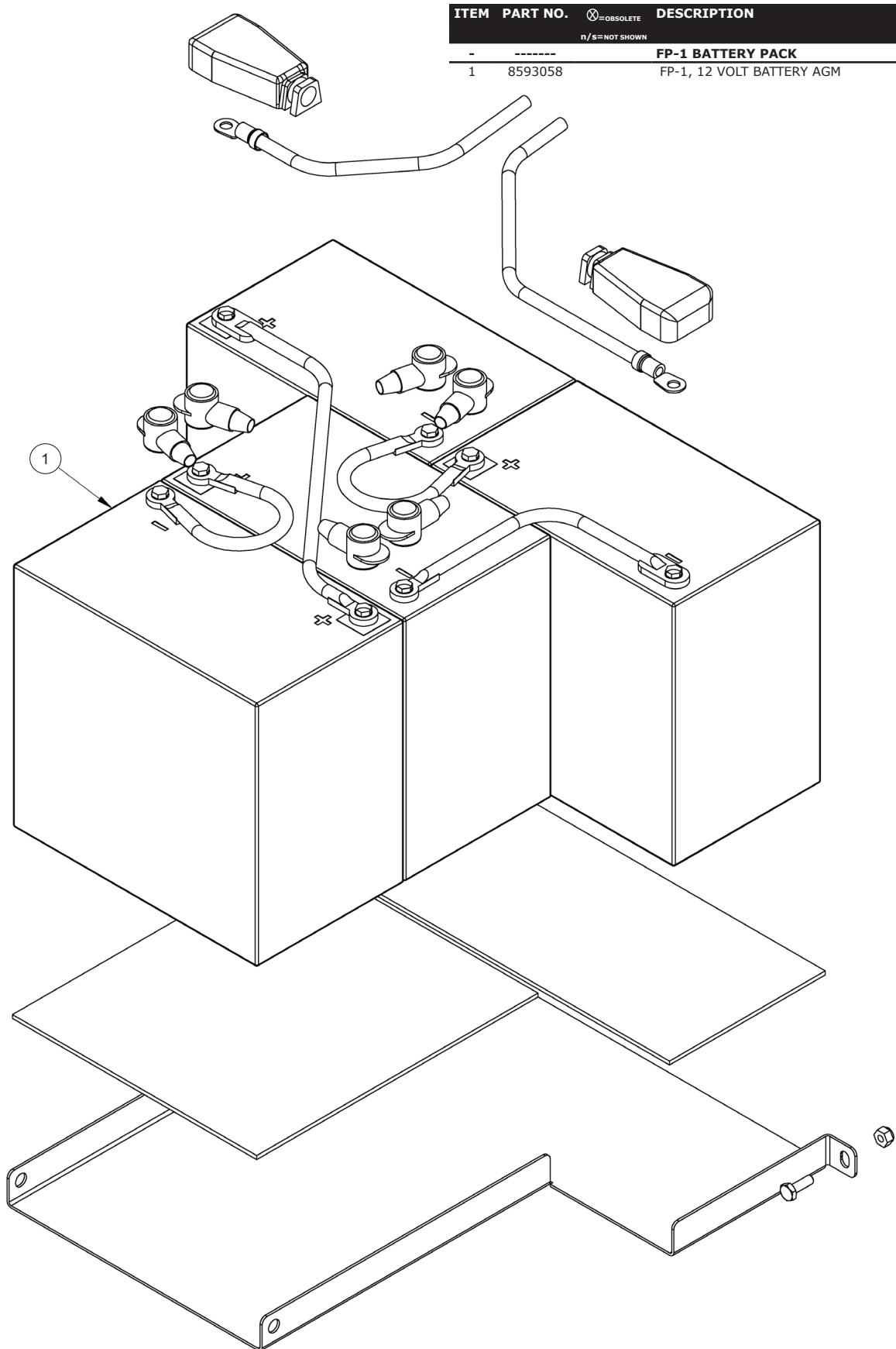
FP-1 v2 Traction Motor Assembly



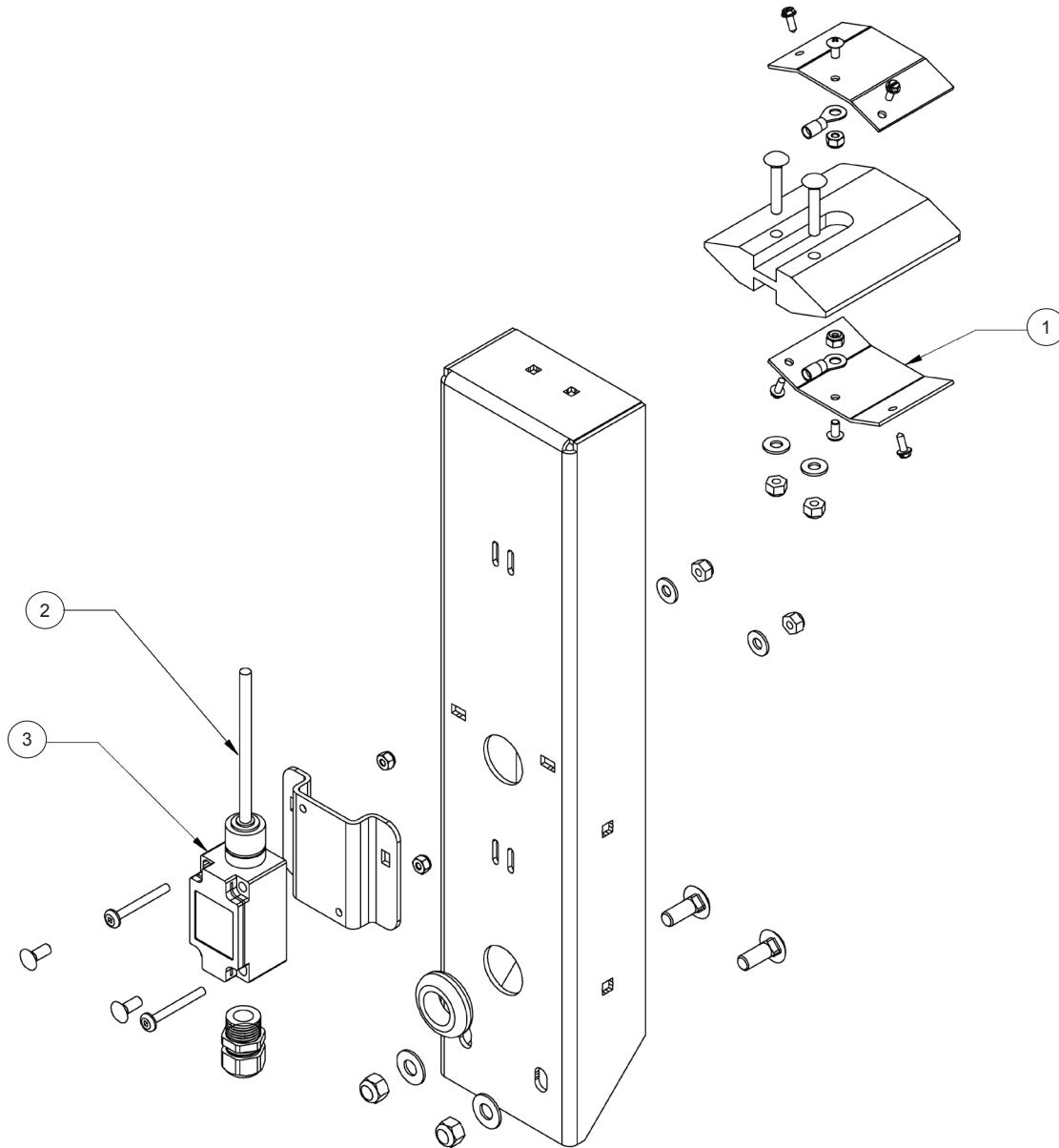
| ITEM | PART NO. | Q=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------------------------------|----------|-----------------------------|--------------------------------|--------------------------|
| FP-1 TRACTION MOTOR ASSY | | | | |
| - | ----- | | | - |
| 1 | 8593056 | | FP-1, MTOR,.5 HP,320 RPM,24VDC | a/r |
| 2 | 8593055 | | FP-1, BRUSH | a/r |
| 3 | 8593045 | | FP-1, FLANGE BEARING 1 IN SS | a/r |
| 4 | 8593344 | | FEED PUHSER,VIBRATION DAMPING | a/r |
| 5 | 8593044 | | FP-1, 4 HOLE FLANGE,1-1/8 | a/r |
| 6 | 8593042 | | FP-1, RDUKER CC60-15H, 1-1/8 | a/r |

FP-1 v2 Battery Pack

| | |
|------------------------|-------------------|
| SECTION G | PAGE 31 |
| EFFECTIVE: 12/11/18 | |



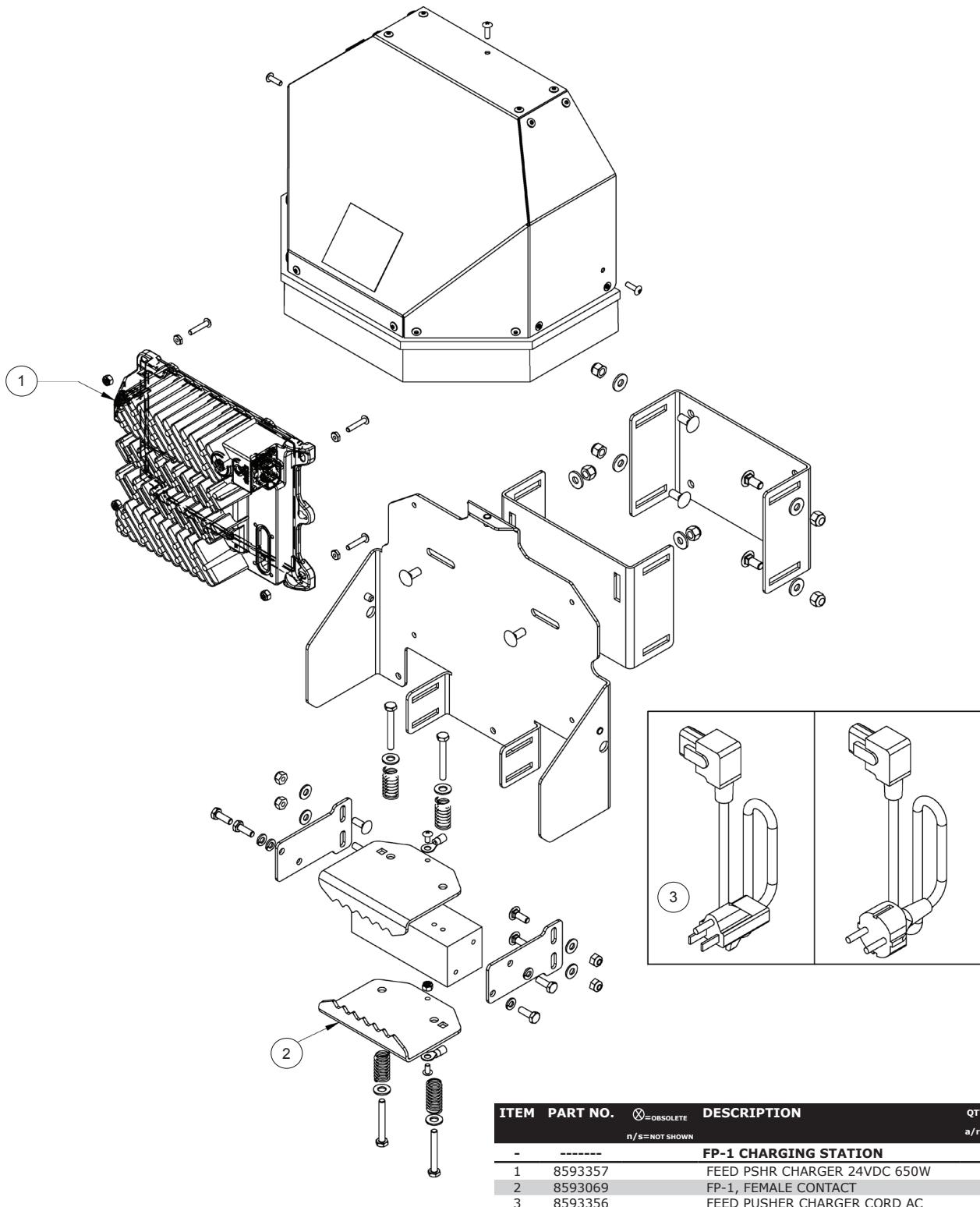
FP-1 v2 Charging Connection



| ITEM | PART NO. | DESCRIPTION | QTY. REQ. a/r=AS REQ. |
|---------------|----------|---------------------------------|--------------------------|
| n/s=NOT SHOWN | | | |
| - | ----- | FP-1 CHARGING CONNECTION | - |
| 1 | 8593061 | FP-1, MALE CONTACT | a/r |
| 2 | 8593346 | FEED PUSHER LIMIT SWITCH | a/r |
| 3 | 8593065 | FP-1, LIMIT SWITCH STOP | a/r |

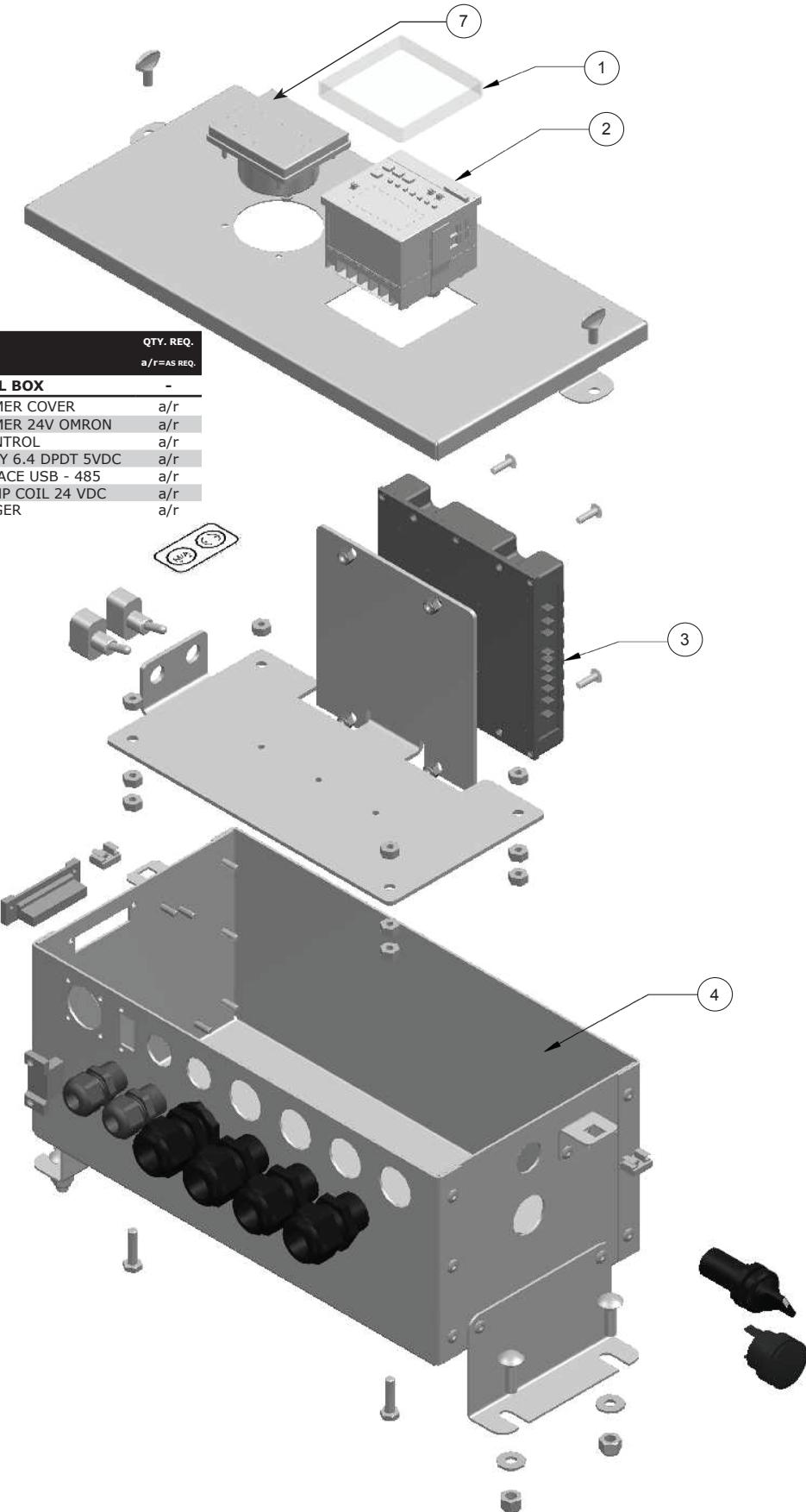
FP-1 v2 Charging Station

| | |
|---------------------|-------------------|
| SECTION G | PAGE 33 |
| EFFECTIVE: 12/11/18 | |



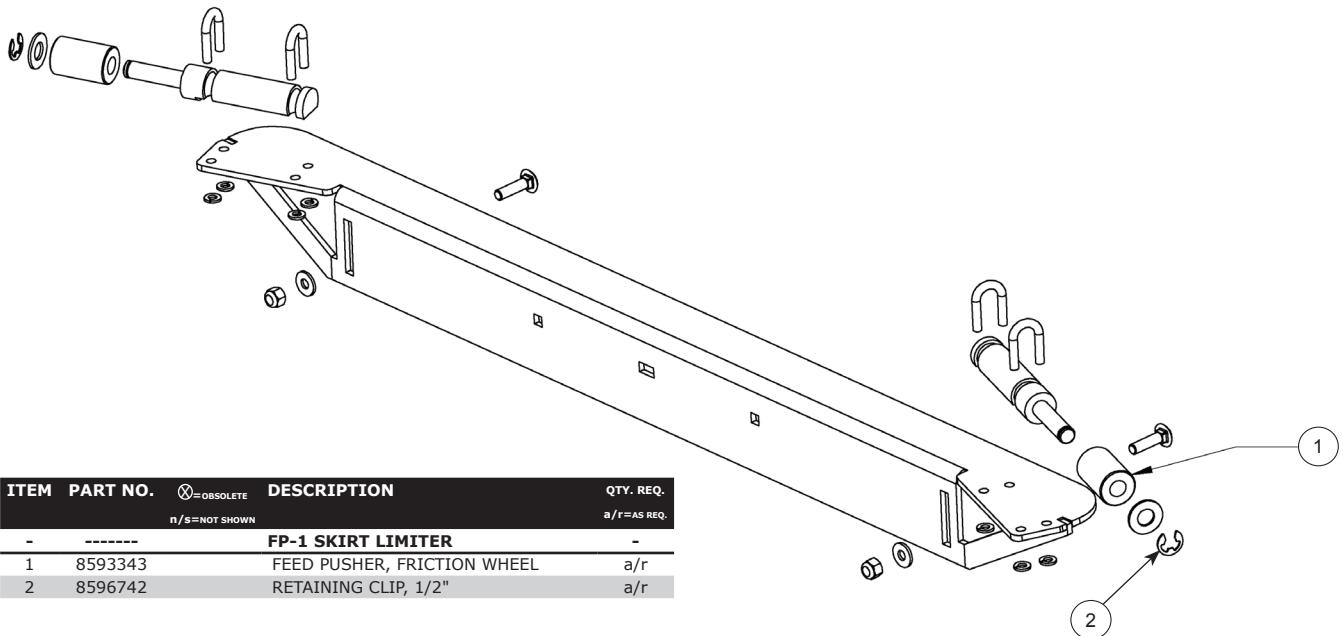
FP-1 v2 Electrical Box

| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|----------------------------|---------------|--------------------------------|-------------|
| | n/s=NOT SHOWN | | a/r=AS REQ. |
| FP-1 ELECTRICAL BOX | | | |
| 1 | 8593352 | FEED PUSHER TIMER COVER | a/r |
| 2 | 8593353 | FEED PUSHER TIMER 24V OMRON | a/r |
| 3 | 8593063 | FP-1, MOTOR CONTROL | a/r |
| 4 | 8593073 | FP-1,TRMNL RELAY 6.4 DPDT 5VDC | a/r |
| 5 | 8593355 | FP CABLE INTERFACE USB - 485 | a/r |
| 6 | 8593354 | FP STARTER 7.5 HP COIL 24 VDC | a/r |
| 7 | 8594433 | VOLTMETER RANGER | a/r |



FP-1 v2 Skirt Limiter

| | |
|----------------------|-------------------|
| SECTION G | PAGE 35 |
| EFFECTIVE: 2/7/22 | |

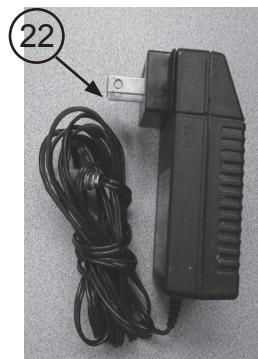
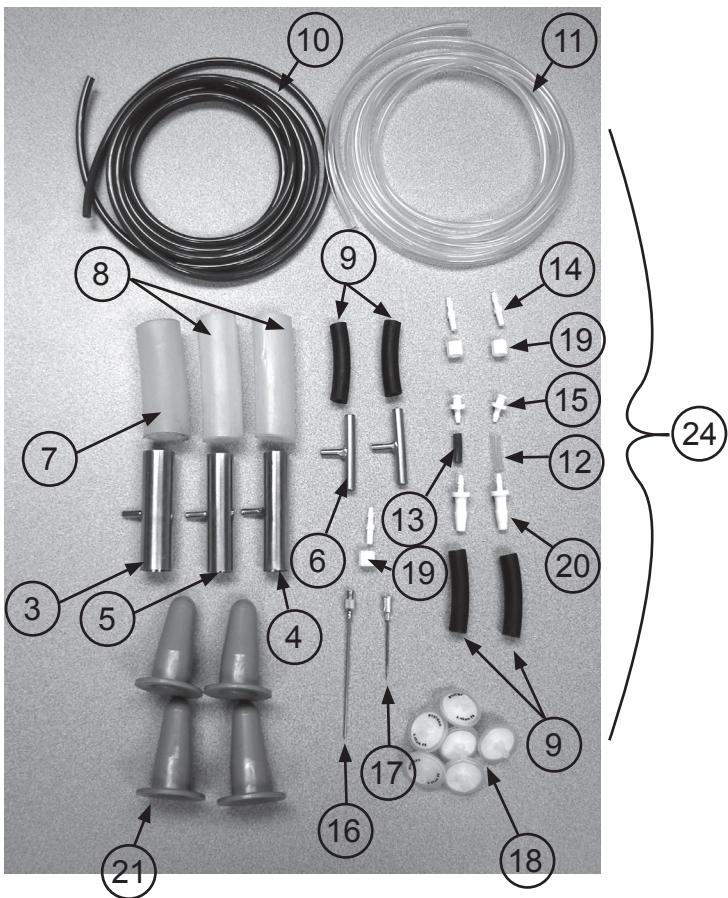


Tools & Testing Equipment

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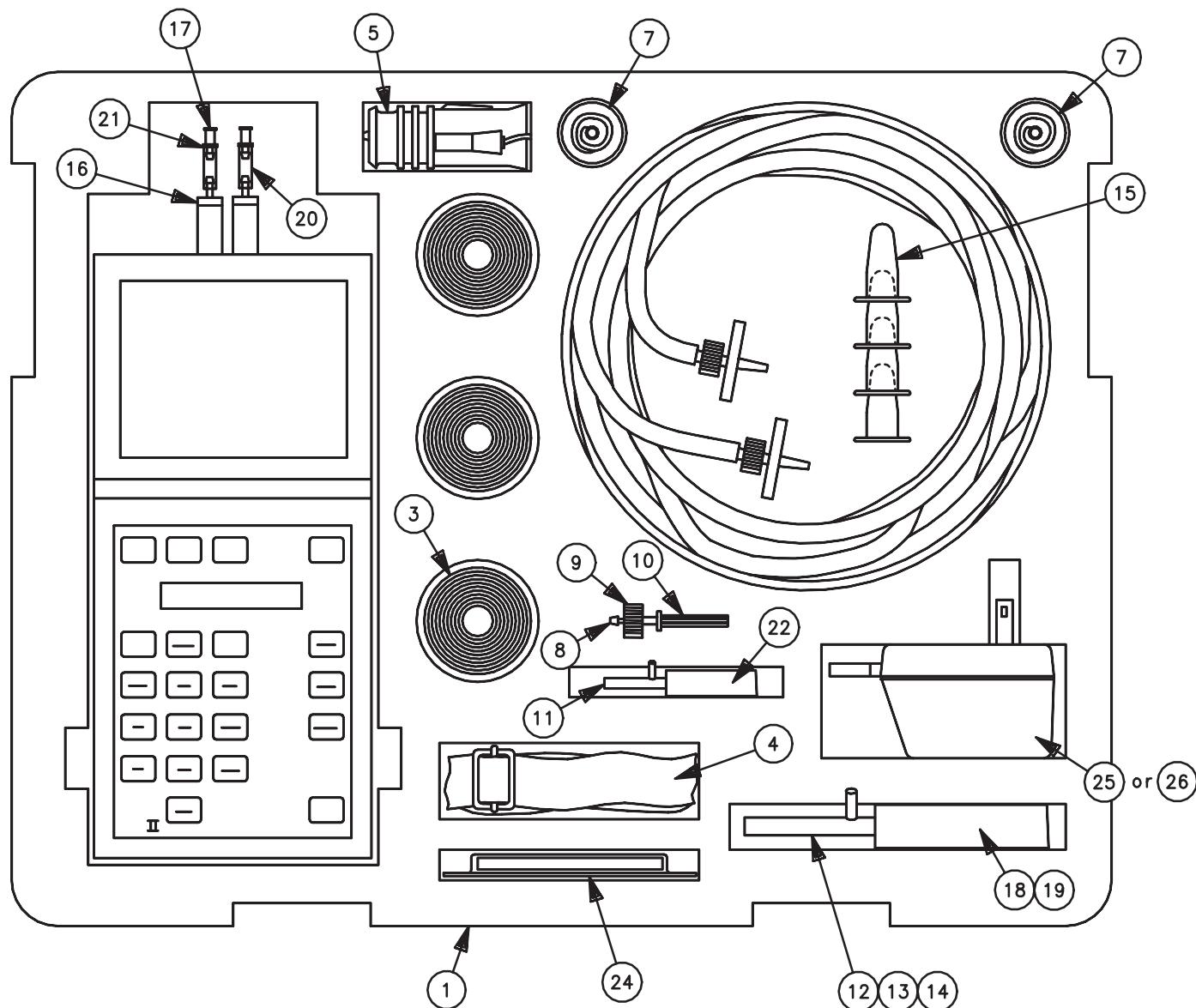
Analyzer Assembly, PT-V



| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|---------|----------|-----------------------------|--|-----------|
| 8512168 | ⊗ | | Analyzer Assy, PT-V | 2168 |
| 8513219 | ⊗ | | Analyzer Assy, PT-V, w/Ext Trans | 3219 |
| 1 | 8512167 | ⊗ | Transducer, External, Vac, PT-V | - 2 |
| 2 | 8514168 | n/s | Battery, W/Connection, PT-V | a/r a/r |
| 3 | 8500992 | | Tube Assy, Tee, Recorder, .78 ID | 1 1 |
| 4 | 8506417 | | Tube Assy, Tee, Recorder, .59 ID | 1 1 |
| 5 | 8506660 | | Tube Assy, Tee, Recorder, .65 ID | 1 1 |
| 6 | 8506396 | | Tube Assy, Tee, Recorder, .31 ID | 2 2 |
| 7 | 8500993 | | Hose, Silicone, .75 x 3.00 | 1 1 |
| 8 | 8506398 | | Hose, Silicone, .62 x 3.00 | 2 2 |
| 9 | 8506397 | | Hose, RBR, .25 x 2.00 | 4 4 |
| 10 | 8519257 | | Hose, Polyureth, .12 x 120.00, Blu | 1 1 |
| 11 | 8519258 | | Hose, Ployureth, .12 x 120.00, Yel | 1 1 |
| 12 | 8519265 | | Hose, Polyureth, .12 x .75, Yel | 1 1 |
| 13 | 8519266 | | Hose, Polyureth, .12 x .75, Blu | 1 1 |
| 14 | 8506530 | | Luer Fitting, Male, 1/8 ID | 3 3 |
| 15 | 8519264 | | Luer Fitting, Female, 1/8 ID | 2 2 |
| 16 | 8501353 | | Needle, 14 GA, Disposable | 1 1 |
| 17 | 8506532 | | Needle, 16 GA, Disposable | 1 1 |
| 18 | 8506376 | | Filter, In-Line, Transducer | 6 6 |
| 19 | 8506531 | | Ring, Lock, Luer MTL30 | 3 3 |
| 20 | 8519263 | | Adapter, 1/8 Hose x 1/4 Hose | 2 2 |
| 21 | 8570912 | | Plug, Teatcup, Plstc | 4 4 |
| 22 | 8513477 | | XFMR, Rec, PT-V, 115V/230V | 1 1 |
| 23 | ----- | | Lit 9P-389 (Operation Instructions) | ref ref |
| 24 | 8513302 | | Kit, Fitting, PT-V (Includes items 3-21) | |

Analyzer Assembly, SAII

| | |
|----------------------|------------------|
| SECTION H | PAGE 3 |
| EFFECTIVE: 5/5/09 | |



| ITEM | PART NO. | ✗ = OBSOLETE n/s = NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------------------|---------------------------------|---|-----------|
| - | 8519256 | ✗ | Analyzer Assy, System | - |
| 1 | 8518175 | ✗ | Recorder Assy, Vacuum (Includes items 2 thru 6 & 22) | 1 |
| 2 | 8519253 | ✗ | Foam, Recorder | 1 |
| 3 | 8519260 | | Paper, Ptr, 2.25W | 3 |
| 4 | 8519261 | ✗ | Strap, Recorder | 1 |
| 5 | 8519267 | ✗ | Adapter, 12V, Recoorder | 1 |
| 6 | 8519268 | ✗ | n/s Case, Recorder | 1 |
| 7 | 8506376 | | Filter, In-Line, Transducer | 6 |
| 8 | 8506530 | | Luer Fitting, Male, 1/8 ID | 5 |
| 9 | 8506531 | | Ring, Lock, Luer, Mtl30 | 3 |
| 10 | 8506532 | | Needle, 16ga, Disposable | 1 |
| | 8501353 ¹ | | Needle, 14ga, Disposable | 1 |
| 11 | 8506396 | | Tube Assy, Tee, Recorder, .31 OD | 2 |
| 12 | 8506417 | | Tube Assy, Tee, Recorder, .59 ID | 1 |
| 13 | 8506660 | | Tube Assy, Tee, Recorder, .65 ID | 1 |

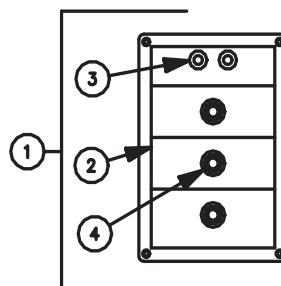
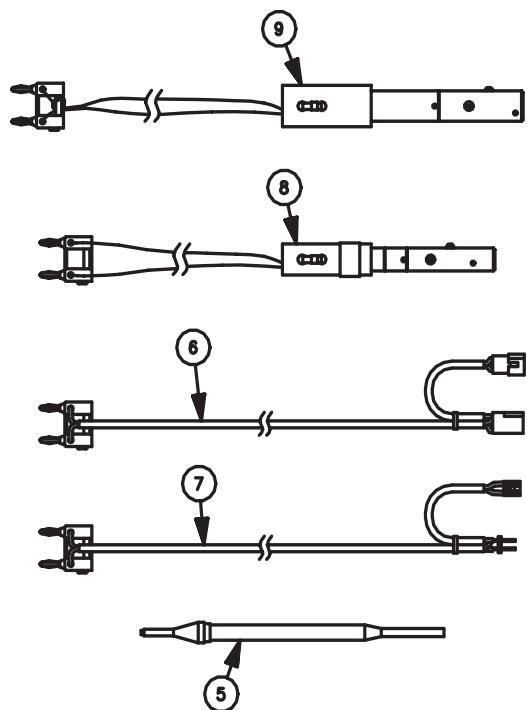
| ITEM | PART NO. | ✗ = OBSOLETE n/s = NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------------------|---------------------------------|---------------------------------------|-----------|
| 14 | 8500992 | | Tube Assy, Tee, Recorder, 7/8 | 1 |
| 15 | 8570912 | | Plug, Teatcup, Plstc | 4 |
| 16 | 8519263 | | Adapter, 1/8Hose x 1/4Hose | 2 |
| 17 | 8519264 | | Luer Fitting, Female, 1/8 ID | 2 |
| 18 | 8506398 | | Hose, Rbr, .62 x 3.00 | 2 |
| 19 | 8516039 | | Hose, Milk, Silicone, 3/4 ID x 100 Ft | a/r |
| 20 | 8551198 | | Hose, Polyureth, .12 x .062W, Blu | a/r |
| 21 | 8551199 | | Hose, Polyureth, .12 x .062W, T Yel | a/r |
| 22 | 8506700 | | Hose, Rbr, .25 x .125W | a/r |
| 23 | ----- | | Literature 9ES-622 (Oper. Instr.) | ref |
| 24 | 8519262 | | Ribbon, Recorder | 1 |
| 25 | 8519254 ¹ | | Charger, Recorder, 115V | 1 |
| 26 | 8519255 ¹ | ✗ | Charger, Recorder, 230V | 1 |
| 27 | 8501245 ² | ✗ | n/s Kit, Battery, Sa II Analyzer | 1 |

Note:

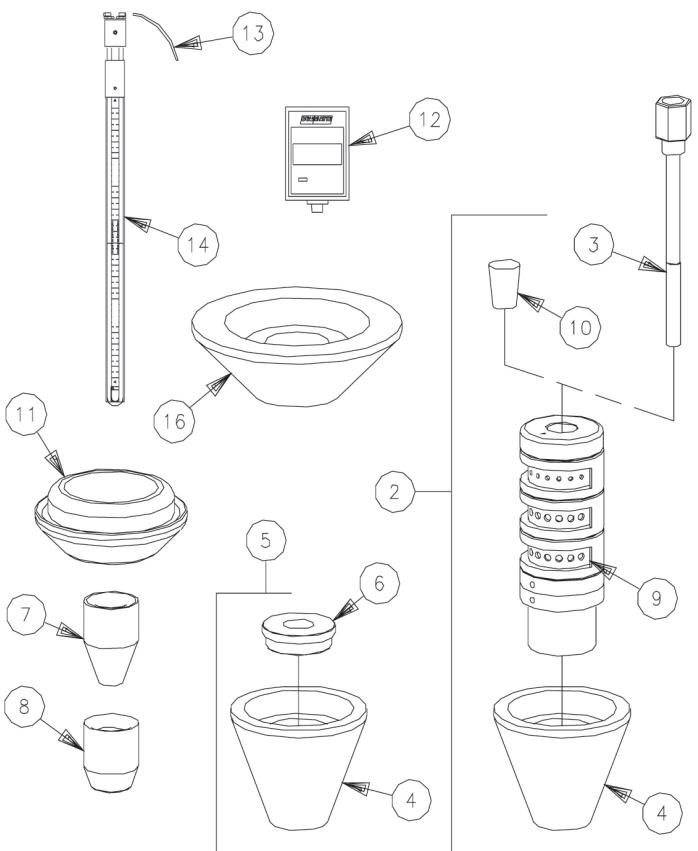
1. Not supplied with 8519256.

2. Both batteries must be replaced at the same time.

Decade Box with Tool & Cables Kit



| ITEM | PART NO. | Obsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|---|----------|---------------------------|---|--------------|
| - 3555925 Kit, Decade Box w/Tool & Cables | | | | |
| 1 | 3555684 | | Enclosure Assy, Decade Box (Includes items 2 thru 4) | 1 |
| 2 | 3555695 | ✗ | Label, Decade Box | 1 |
| 3 | 1916411 | ✗ | Connector, Jack, Banana | 2 |
| 4 | 3555711 | ✗ | Knob, Decade Box | 3 |
| 5 | 3555668 | | Tool, Pot Adjustment | 1 |
| 6 | 3555685 | | Cable Assy, #1, Decade Box | 1 |
| 7 | 3555687 | | Cable Assy, #2, Decade Box | 1 |
| 8 | 3556781 | | Probe Assy, Sensor | 1 |
| 9 | 3557195 | | Probe Assy, Sensor, .75 | 1 |
| 10 | ----- | | Literature 9P-661 (Oper. Instr.) | a/r |



Air Flow Meter Kit with Digital Vac Gauge

| ITEM | PART NO. | Obsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|---|----------------------|---------------------------|--|--------------|
| - 8502058 Kit,AFM,W/Digital Vac Gauge | | | | |
| 1 | 8514249 | ✗ | n/s | 1 |
| 2 | 8501699 | | Meter Assy, Air Flow, 200 CFM (Includes Meter & items 4, 9, 10) | 1 |
| 3 | 8514252 ¹ | ✗ | Tube Assy, AFM, Orifice | 1 |
| 4 | 8514235 | | Adapter, 3 In | 1 |
| 5 | 8514247 | ✗ | Adapter Assy, 100 CFM (Includes items 4 & 6) | 1 |
| 6 | 8514246 | | Orifice, 100 CFM | 1 |
| 7 | 8514205 | ✗ | Adapter, AFM, 9/16 | 1 |
| 8 | 8514201 | | Adapter, AFM, 15/16 | 1 |
| 9 | 8514217 | | Gasket, Air Flow Meter | 3 |
| 10 | 8501700 | | Stopper, Rubber, No. 2 | 1 |
| 11 | 4012720 | | Bushing, Reducing, Pipeline | 1 |
| 12 | 8501503 | ✗ | Gauge, Digital Vacuum | 1 |
| | 8585198 | | Gauge, Digital Vacuum, Battery-Powered | 1 |
| 13 | 8505032 | | Hose, Vinyl, .19 x .062W, CLR | a/r |
| 14 | 8514260 | ✗ | Manometer, Roll-up | 1 |
| 15 | ----- | | Literature PES-348 (Oper. Instr.) | ref |
| 16 | 8502616 | | Adapter, 5", AFM | 1 |
| 17 | ----- | | Literature 9E-312 (Sys. Analysis Instr.) | ref |

Note: 1. For replacement on older air flow meters only.

Dealer Test Kit

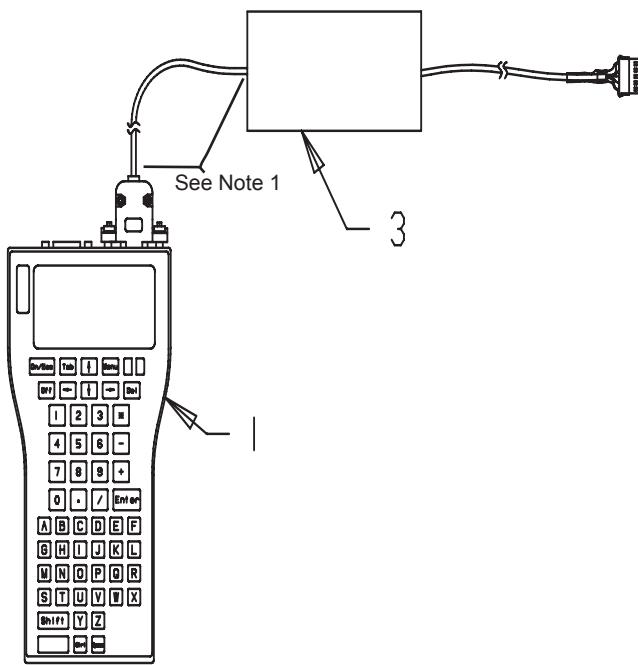
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| SECTION H | PAGE 5 |
| EFFECTIVE: 7/25/23 | |

| ITEM | PART NO. | OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. | REQ. |
|------|----------------------|---------------------------|--|------|------|
| - | 8501859 | | Kit, Test, Dealer | - | |
| 1 | 3551908 | | Adaptor, 1/8 Hose x 1/4 NPT | 2 | |
| 2 | 3553772 | | Tube, SS, .750 x .049 x2.5 | 2 | |
| 3 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | |
| 4 | 4012720 | | Bushing, Reducing, Pipeline | 1 | |
| 5 | 4015689 | | O-ring, 0.424 x .103 | 2 | |
| 6 | 4088402 | ⊗ | Ball, 70mm, Waikato | 1 | |
| 7 | 8500102 | | Gasket, Claw | 1 | |
| 8 | 8500248 | | Valve, Mill Plastic | 2 | |
| 9 | 8500265 | | Tool, Champ Claw Dis-Assy | 1 | |
| 10 | 8500679 | ⊗ | Ball, Float, Plastic, 3.50 Dia | 1 | |
| 11 | 8500941 | ⊗ | Tool, TU Claw Dis-Assy | 1 | |
| 12 | 8500992 | | Tube Assy, tee, Recorder, .7 | 1 | |
| 13 | 8500993 | | Hose, Silicone, .75 x 3.00 | 1 | |
| 14 | 8501277 | | Conn, Push, Barb Adptr, 5/32 | 2 | |
| 15 | 8501353 | | Needle, 14 Ga, Disposable | 6 | |
| 16 | 8501503 | ⊗ | Gauge, Digital Vacuum | 1 | |
| | 8585198 | | Gauge, Digital Vacuum, Battery-Powered | 1 | |
| 17 | 8501505 | | Luer, 0.106 ID Male + | 12 | |
| 18 | 8501506 | ⊗ | Liner, Style 380, Clear, Pk of 4 | 1 | |
| 19 | 8501507 | ⊗ | Shell, Style 300, Clear, Hi | 2 | |
| 20 | 8501699 | | Meter Assy, Air Flow, 200C | 1 | |
| 21 | 8501863 | | Cover, Claw, Test | 1 | |
| 22 | 8501864 | | Coupling, BRS, 1/4 NPT | 1 | |
| 23 | 8501865 | | Box, Utility, Test Kit, 23 x 1 | 1 | |
| 24 | 8501866 | | Pad Assy, foam, Test Kit | 1 | |
| 25 | 8501868 | | Lid, Rcvr, Acrylic, 2 Hole, 2 | 1 | |
| 26 | 8501932 | | Tap, Pipe, 1/4-18 NPT | 1 | |
| 27 | 850216 | | Adapter, 5", AFM | 1 | |
| 28 | 8504187 | | Meter, Air Flow, .5-5 | 1 | |
| 29 | 8504188 | | Meter, Air Flow, .25-25 | 1 | |
| 30 | 8505790 | | Adapter, Tube, Level Control | 2 | |
| 31 | 8506120 | | Label, Bou-Matic, 2.25 x 6 | 1 | |
| 32 | 8506376 | | Filter, In-Line, Transducer | 2 | |
| 33 | 8506398 | | Hose, Rbr, .62 x 3.00 | 1 | |
| 34 | 8506530 | | Luer Fitting, Male, 1/8 ID | 4 | |
| 35 | 8506531 | | Ring, Lock, Luer Mt30 | 4 | |
| 36 | 8507013 | | Conn, Push, 5/32 x 1/4 N+ | 6 | |
| 37 | 8507089 | | Conn, Push, Plug, 5/32 | 6 | |
| 38 | 8508237 | | Ball, Float, Plstc, 4.25 Dia | 1 | |
| 39 | 8508920 | | Cap, Rubber, Milk-Inlet | 6 | |
| 40 | 8508923 ¹ | ⊗ | Protector, Nipple, Rbr, w/Ch | 6 | |
| | 8508920 | | Cap, Rubber, Milk-Inlet | 6 | |
| 41 | 8511608 | | Nipple, Slide-on, Gooseneck | 2 | |
| 42 | 8512200 | | Tube, SS, .624 x .065 x 3.0 | 2 | |
| 43 | 8514201 | | Adapter, AFM, 15/16 | 1 | |
| 44 | 8514205 | ⊗ | Adapter, AFM, 9/16 | 1 | |
| 45 | 8514246 | | Orificem 100 CFM | 1 | |
| 46 | 8514258 | | Elbow, 90 NYL. 1/4 NPT x .19 | 2 | |
| 47 | 8514259 | | Hose Vinyl, .19 x 24.00 | 1 | |
| 48 | 8514719 | | Tee, Plastic, 5/8 Hose | 1 | |
| 49 | D492248 | | Tool Assy Air Bleed | 1 | |
| 50 | 8519257 | | Hose, Polyureth, .12 x 120.0 | 2 | |
| 51 | 8519258 | | Hose, Polyureth, .12 x 120.0 | 2 | |
| 52 | 8551086 | | Adapter, 1/8 hose x 10-3 + | 4 | |
| 53 | 8570912 | | Plug, Teatcup, Plstc | 96 | |
| 54 | 8591043 | ⊗ | Gasket, Lid, Receiver | 1 | |
| | 8589423 | | Gasket, Lid, Receiver | 1 | |

Note:

1. Replaced by 8508920.

Handheld Programmer Kit PC Programmer Kit



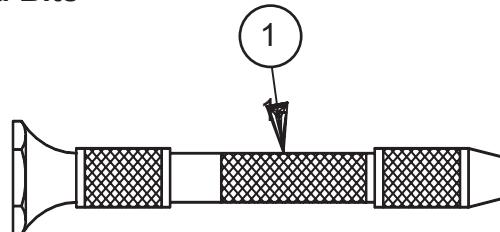
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|---|------------|
| | 3556784 | ⊗ | Kit, Programmer, Handheld | 784 |
| | 3556776 | | Kit, Programmer, Pc | 776 |
| 1 | 3556793 | ⊗ | Programmer, Handheld | 1 - |
| | 3556802 | n/s | Sftwr, Handheld, Interface, Ver. 1.12a 06/05 - Interface Ver 1.12a 06/06 - 1000V Ver. 1.22 06/05 - 4000D ver. 4.22 | 1 - |
| 2 | 3556801 | ⊗ | n/s Sftwr, PC Interface, 1000V, Ver. 1.12a 0091047 n/s Sftwr, PC Interface, Win 32, Ver. 1.30 06/06 Interface Ver. 1.32 06/06 1000V Ver. 1.22 06/05 4000D Ver. 4.22 | - 1 - 1 |
| 3 | 3556795 | ⊗ | Interface Assy, 1000V, Short Cable | 1 1 |
| | 3558747 | | Interface Assy, 1000V, Long Cable | 1 1 |
| 4 | ----- | | Literature 9E-723 | a/r - |
| | ----- | | Literature 9E-722 (<i>Install Inst.</i>) | - a/r |
| 5 | 3562592 | n/s | Cable Assy, 4000 Prog, Adapter | - - |

Note:

1. Earlier cable length was 1 foot, newer cable length is 5 feet - 06/2005.
2. PC Interface software, Win 32 (0091047) requires the long Interface cable assembly (3558747).

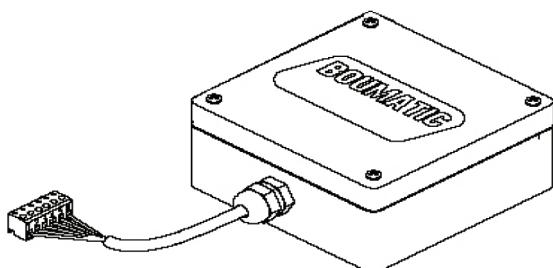
Pin Vise and Bits

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|-------------|-----------|
| 1 | 8506699 | ⊗ | Vise, Pin | a/r |
| --- | 8510251 | | Drill, #60 | a/r |
| --- | 8506550 | | Drill, #65 | a/r |



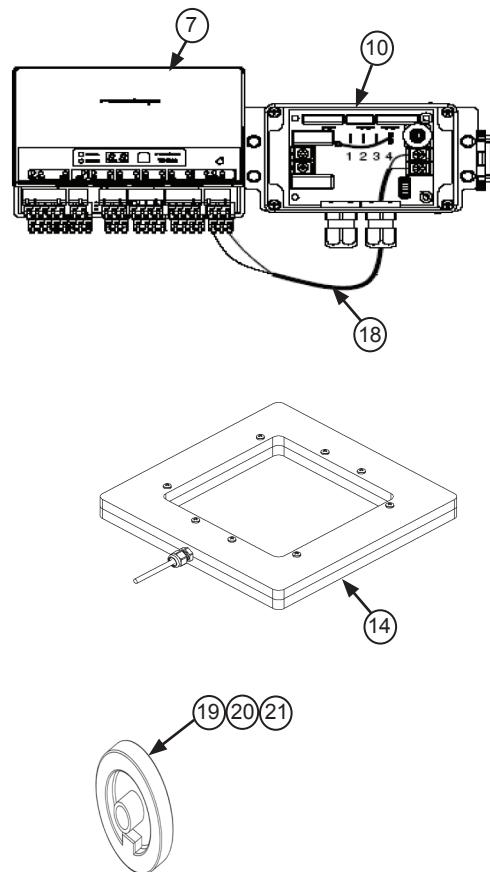
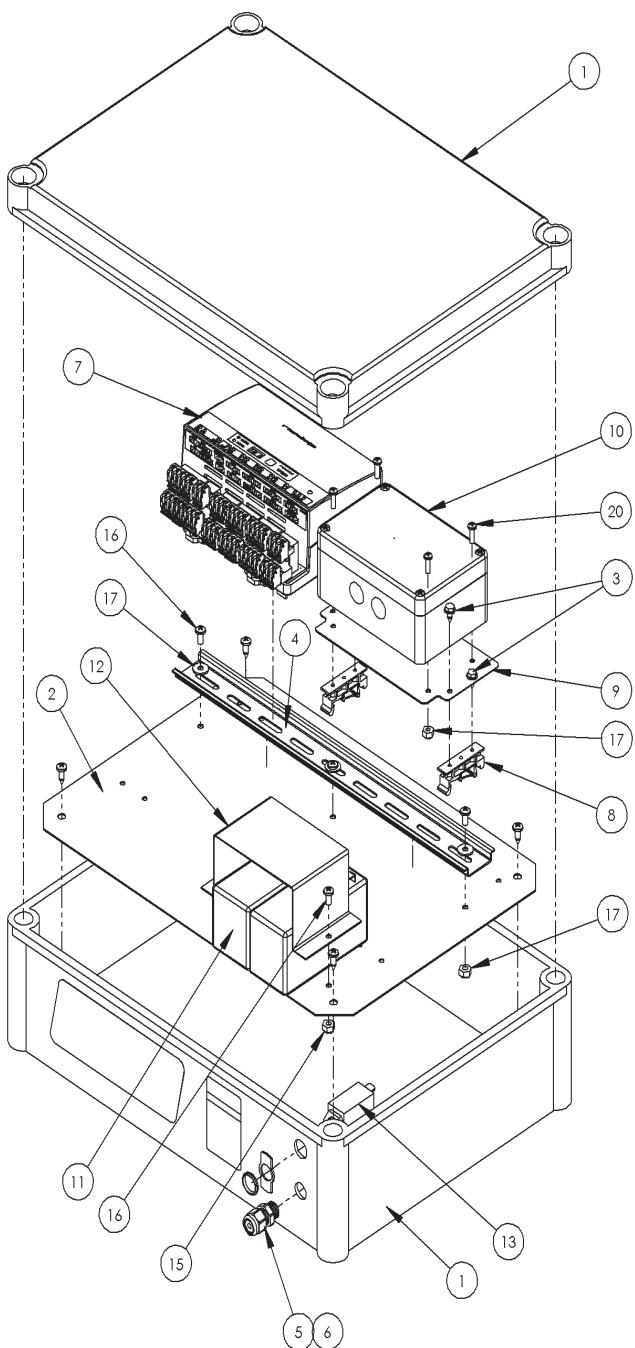
Conductivity Test Box

| PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. |
|----------|-----------------------------|------------------------------|----------|
| 3557548 | ⊗ | Test Box, Perf, Conductivity | a/r |



RFID Noise - Site Evaluation Kit

| | |
|-----------------------|------------------|
| SECTION H | PAGE 7 |
| EFFECTIVE: 7/26/22 | |



| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|----------|----------|---|-----------|
| | | ⊗ = OBSOLETE n/s = NOT SHOWN | |
| 3559103 | ⊗ | CONTROL ASSY, SITE EVAL, ISO | 903 |
| 3559102 | | CONTROL ASSY, SITE EVAL, ISO (Includes parts 1 - 18) | 902 |
| 1 | 3559112 | Enclosed, Site Eval, ISO | 1 |
| 2 | 3559107 | Plate, Mounting, Site Eval, ISO | 1 |
| 3 | 1132264 | TFSR, HXWH, 8-18 | 1 |
| 4 | 3559105 | Rail, DIN, 13.11" Long x 35MM Wide | 1 |
| 5 | 1917501 | Conn, Str-Rlf, .08 - .12, PG7 | 1 |
| 6 | 1917560 | Conn, Dome, Nut PG7 | 1 |
| 7 | 3559086 | Reader Control, ISO ID | 1 |
| | 3563948 | Reader Control, ISO ID, w/Filter | 1 |
| 8 | 8510265 | Adapter, DIN Rail, Plastic | 2 |
| 9 | 3559088 | Bracket, XFMR, Antenna, ISO, ID | 1 |
| 10 | 3559084 | Transformer, Antenna, ISO, ID | 1 |
| 11 | 3559113 | Battery, 12V, 1.4A/HR | 2 |
| 12 | 3559108 | Bracket, Battery, Site Eval, ISO | 1 |
| 13 | 3556379 | Breaker, CKT, 8A, VDE | 1 |
| 14 | 3559111 | Antenna Assy, Site Eval, ISO | 1 |
| 15 | 1222378 | Nut, Lock, Elas, SS, 8 - 32 | 5 |
| 16 | 1096179 | MSCR, PNH, SS, 8 - 32 x 3/8 | 1 |
| 17 | 1208383 | Washer, Plain, SS, #8 | 3 |
| 18 | 3559080 | Cable Assy, ISO ID, Control | 1 |
| 19 | 3559087 | Tag, ID, Ear, Nedap, 40MM, FDX | 3 |
| | 3562126 | Tag, Id, Nedap Pk/25 | 1 |
| 20 | 3558092 | Tag, ID, Ear, AllFlex, 30MM, HDX, PK 50 | a/r |
| | 3559477 | Tag, ID, Ear, AllFlex 982, Case of 50 | a/r |
| 21 | 3559118 | Tag, ID, Ear, Destron, 30MM, FDX | 3 |
| 22 | 3562064 | n/s Tool, Antenna Tuner Adjustment | a/r |

Molex Crimper, Screwdriver



| PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|----------|-----------------------------|----------------------------------|--------------|
| 4024573 | ⊗ | TOOL, SCREWDRIVER, FLAT, NAR BLD | a/r |
| 3557645 | | TOOL, CRIMPING, FERRULE PIN | a/r |
| 3559990 | | TOOL, SCREWDRIVER, 2.5MM TIP | a/r |
| 3559991 | | TOOL, SCREWDRIVER, 3.5MM TIP | a/r |



Tool Assembly, Air Bleed

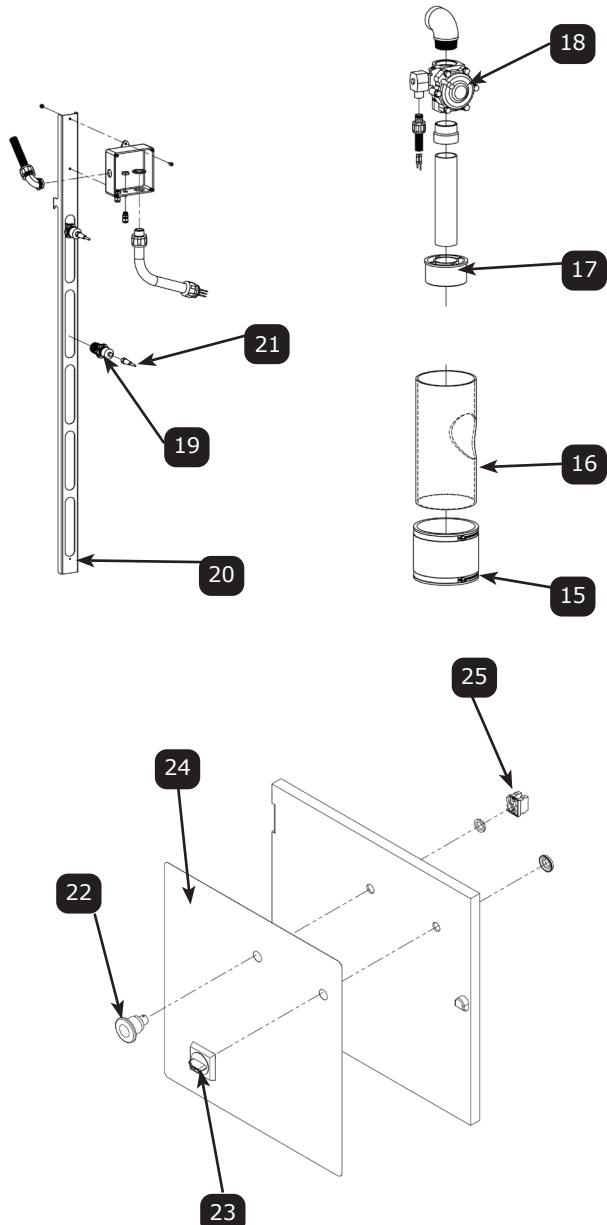


| PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. |
|----------|-----------------------------|---------------------|----------|
| D492248 | | TOOL ASSY AIR BLEED | a/r |

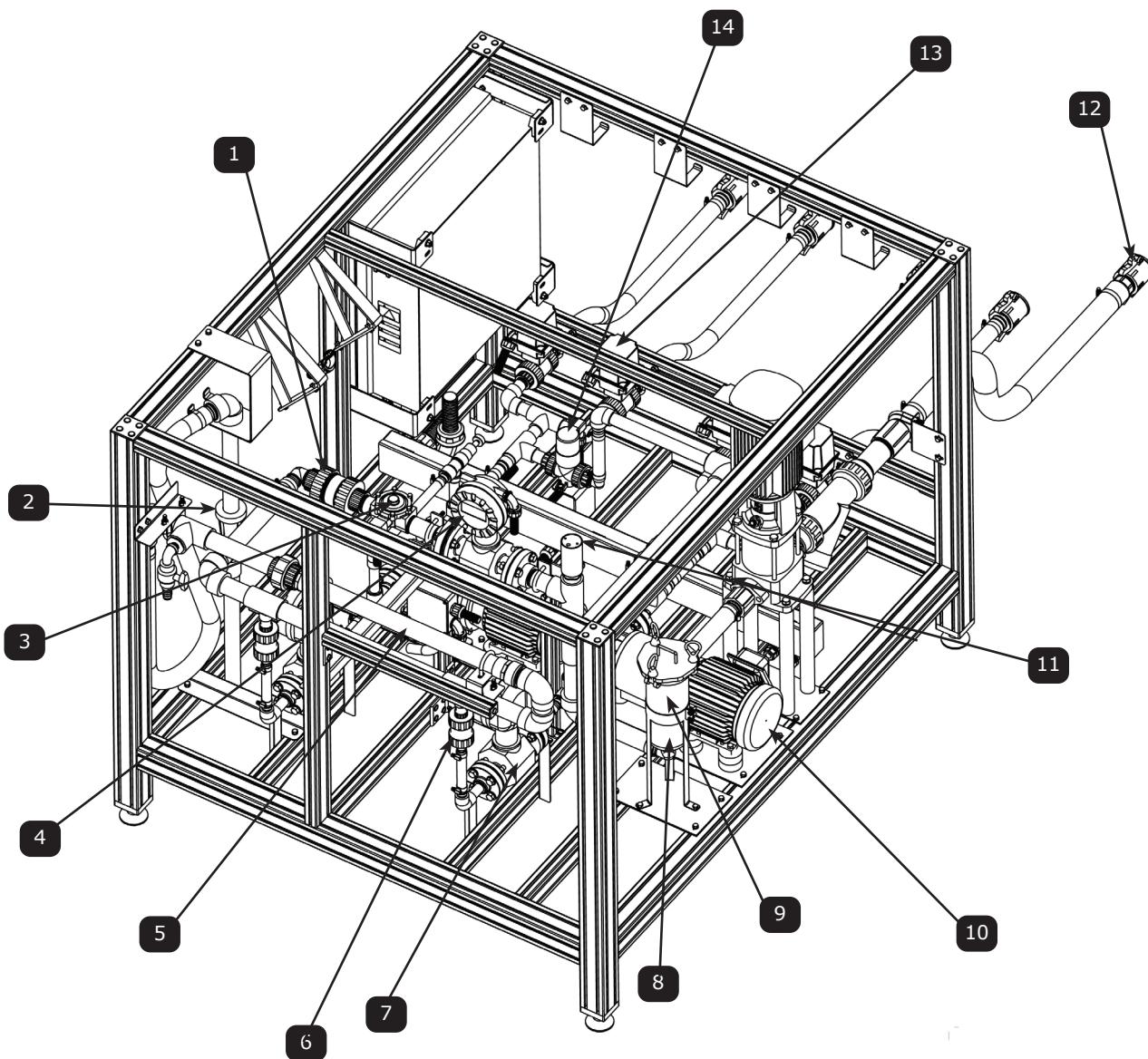
Titan Microblender

| | |
|--------------------|-----------|
| SECTION H | PAGE 9 |
| EFFECTIVE: 9/26/11 | |

| ITEM NO. | PART NO. n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | |
|---|------------------------------|--|-----------------------------------|---|----|
| | | 8586197 Titan Microblender Assy | 6197 | | |
| | | 8586267 Titan Manifold Assy, Water Inlet | 6267 | | |
| | | 8586265 Control Assy, Microblender | 6265 | | |
| 1 | 8586167 | Valve, Check, Union, 1-1/2 in. | 1 | - | - |
| 2 | 8586326 | Slide, Bung, Dispensing Wand | 1 | - | - |
| 3 | 8503078 | Valve, Water, 1.50 NPT, 220/240VAC | 1 | - | - |
| 4 | 8586165 | Meter, Mag Flow, 1.50 | 1 | - | - |
| 5 | 8586088 | Pipe Mixer, PVC, Inline, 1-1/2 MPT | 1 | - | - |
| 6 | 8586147 | Valve, Check, Union, 3/4 in. | 1 | - | - |
| 7 | 8586166 | Meter, Mag Flow, 1.00 | 1 | - | - |
| 8 | 8586037 | Filter, Bag, Rosedale | 1 | - | - |
| 9 | 8586035 | Filter, Microblender | 1 | - | - |
| 10 | 8586054 | Pump, Chemical, 1 in. FLG, 1.5HP | 1 | - | - |
| 11 | 8586067 | Valve, Degassing, 1/2 in. NPT, PVC | 1 | - | - |
| 12 | 8586038 | Coupling, Hose, 2 in. Cam & Groove | 1 | - | - |
| 13 | 8586063 | Valve, Ball, Union, 1 in. EAU | 1 | - | - |
| 14 | 8586064 | Valve, Union, 1 in., Solenoid, NPD | 1 | - | - |
| 15 | 8581792 | Fitting, Rubber, 6 in. Pipe | - | 1 | - |
| 16 | 8586268 | Riser, Manifold, Inlet | - | 1 | - |
| 17 | 8586271 | Bushing, RDC, PVC, 4 x 2, Reamed | - | 1 | - |
| 18 | 8503079 | Valve, Water, 2.00 NPT, 220/240VAC | - | 1 | - |
| 19 | 8586275 | Sensor, Capacitive, N.O. | - | 2 | - |
| 20 | 8586276 | Bracket, Mtg, Sensor, Water | - | 1 | - |
| 21 | 3560766 | Cable, 4 Wire, M12-Leads, 25M, SS | - | 2 | - |
| 22 | 3560776 | Switch, EStop, 60mm, Illum, Twst | - | - | 1 |
| 23 | 4040117 | Handle, Disconnect | - | - | 1 |
| 24 | 8586259 | Label, Titan | - | - | 1 |
| 25 | 3560793 | Contact, 2 NC, W/Holder | - | - | 1 |
| 26 | 3561894 | Controller, CF, 240V/1/2HP | - | - | 3 |
| 27 | 3561895 | Disconnect, Non-Fused, 40A | - | - | 1 |
| 28 | 3560822 | Base, Module, Supply, Nodesw, BM05 | - | - | 1 |
| 29 | 3560837 | Relay, 24DC, 250V, 6A, Spdt, CCB | - | - | 4 |
| 30 | 3559420 | Relay, 24VDC, 2CO | - | - | 4 |
| 31 | 3559414 | Power Supply, 10A, 24VDC | - | - | 1 |
| 32 | 3558274 | Bracket, End, Conn, Din Rail Mtg | - | - | 8 |
| 33 | 3559417 | Terminal Block, End Cap, 2-Level | - | - | 1 |
| 34 | 3559416 | Terminal, Block, 2-Level | - | - | 16 |
| 35 | 3559012 | Barrier, Conn, Din Rail Mtg | - | - | 9 |
| 36 | 3559007 | Connector, Jumper | - | - | 14 |
| 37 | 3558253 | Connector, Pwr, Din Rail Mtg | - | - | 22 |
| 38 | 3560825 | Module, 120ut, 24DC, D09322 | - | - | 1 |
| 39 | 3560824 | Module, 485/422 Comm, CS1030 | - | - | 1 |
| 40 | 3559422 | Blank, X20 | - | - | 1 |
| 41 | 3559413 | Module, Universal Mixed, X20 | - | - | 3 |
| 42 | 3560819 | Modual, 4CH Analog, A14622 | - | - | 1 |
| 43 | 3561411 | Breaker, 8A, 2 Pole | - | - | 1 |
| 44 | 3561908 | Adapter, Modbus | - | - | 3 |
| 45 | 3559421 | Relay, 4PDT, 24VDC, W/Base | - | - | 1 |
| (Note: P/N 3559421 is no longer available. The following three components must be ordered.) | | | | | |
| 3562046 | | Relay, 24VDC, 7 A, 4 Pole | - | - | 1 |
| 3562047 | | EMC Suppr Module, 6-24VDC | - | - | 1 |
| 3562048 | | Socket, Relay, 55 Series | - | - | 1 |
| 46 | 4029127 | Base Module, I/O Unit, X20 | - | - | 7 |
| 47 | 4029128 | Bus Receiver, X2X Link, X20 | - | - | 1 |
| 48 | 4029131 | Term Block, 12 Pin, X20 | - | - | 8 |

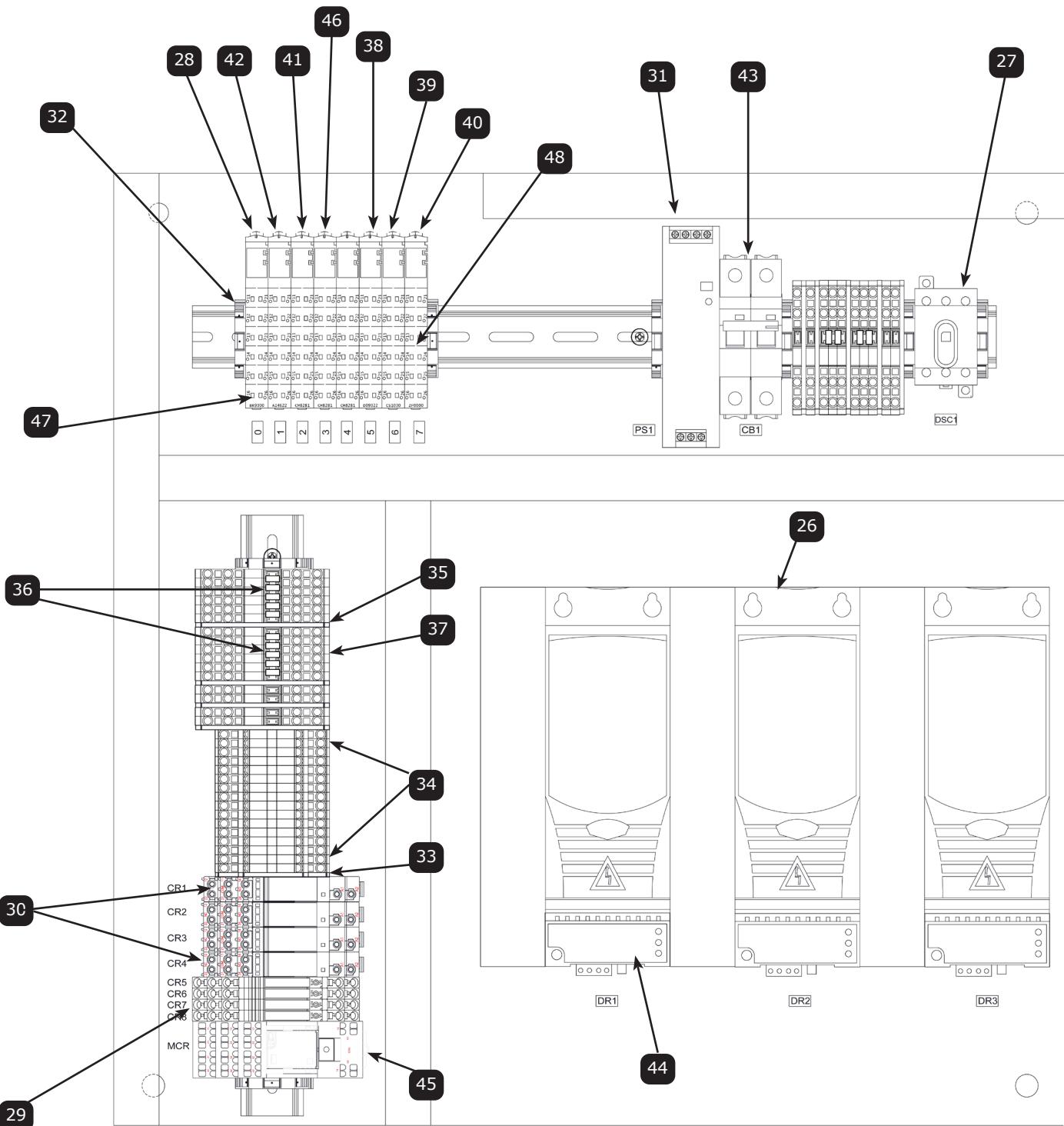


Titan Microblender cont'd



Titan Microblender cont'd

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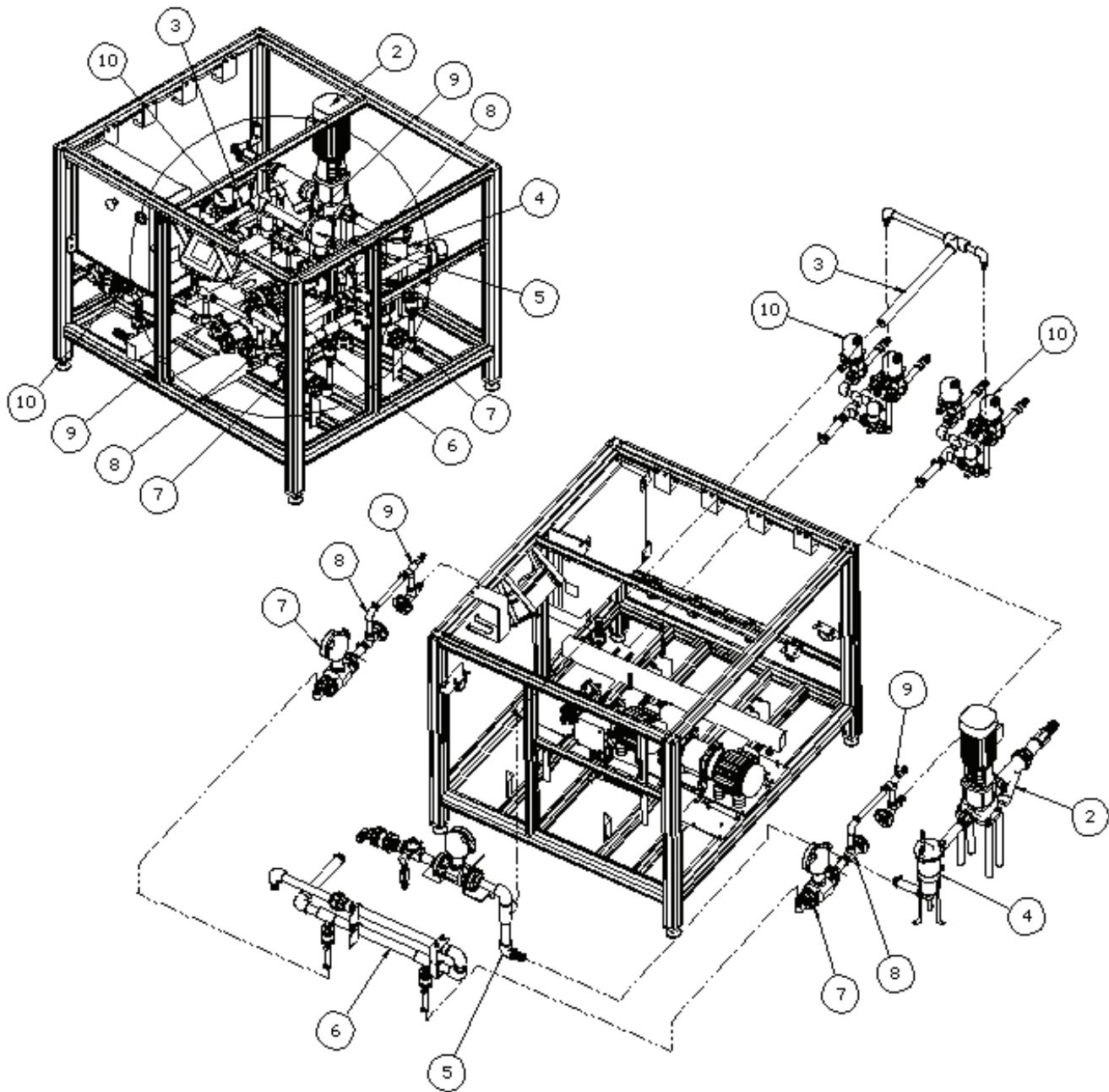


Titan Microblender, December 2016

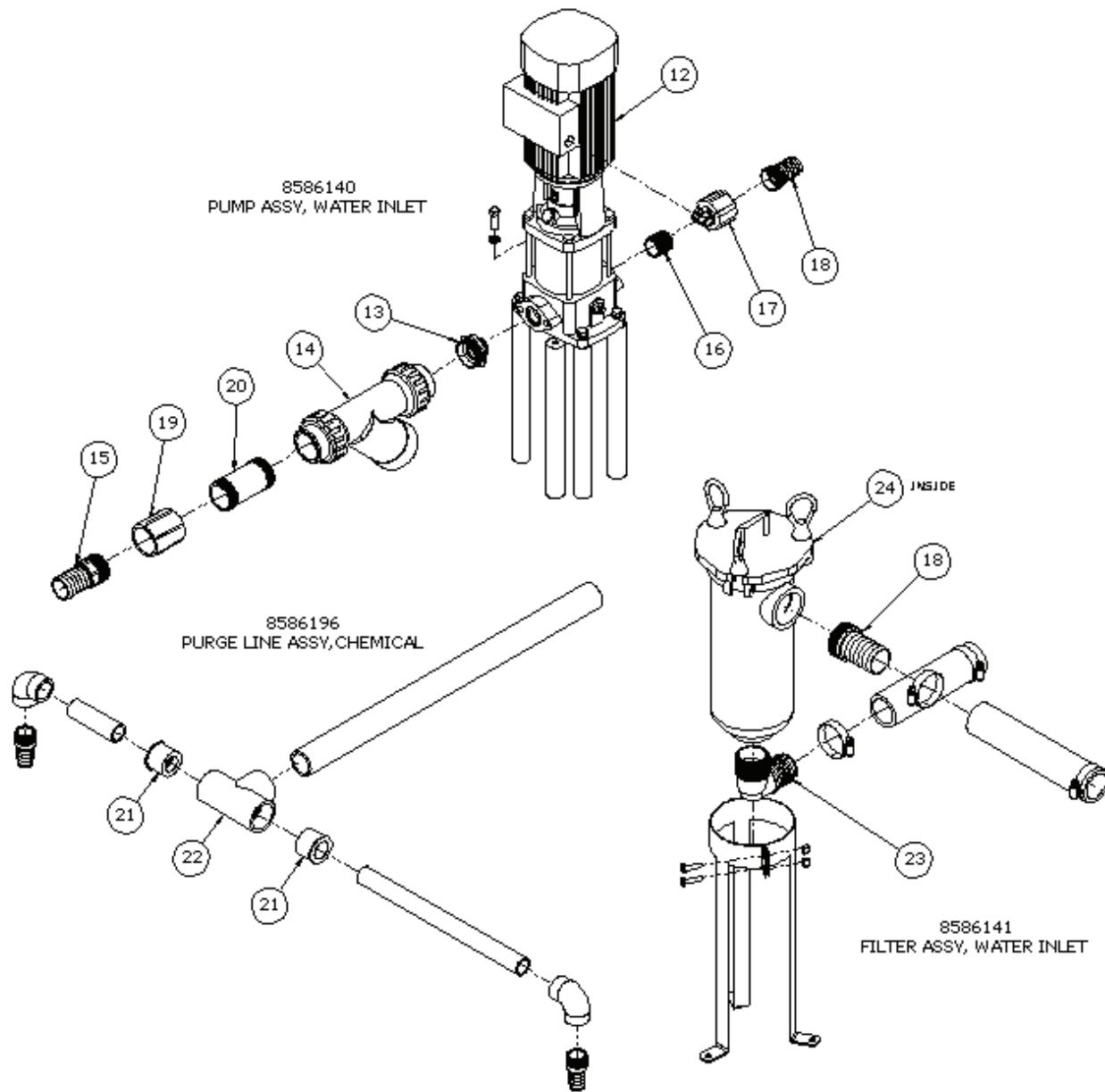
| ITEM | PART NO. | DESCRIPTION | QTY. | REQ. |
|------|----------|----------------------------------|------|------|
| | | ⊗=OBSOLETE n/s=NOT SHOWN | | |
| - | 8586140 | PUMP ASSY, WATER INLET | 140 | |
| - | 8586196 | PURGE LINE ASSY, CHEMICAL | 196 | |
| - | 8586141 | FILTER ASSY, WATER INLET | 141 | |
| - | 8586159 | METER ASSY, WATER | 159 | |
| - | 8586145 | MIXING UNIT ASSY, CHEMICAL | 145 | |
| - | 8586178 | METER ASSY, CHEMICAL | 178 | |
| - | 8586175 | OUTLET ASSY, CHEMICAL | 175 | |
| - | 8586173 | INLET ASSY, CHEMICAL, METER | 173 | |
| - | 8586138 | INLET ASSY, CHEMICAL | 138 | |
| 1 | 8586050 | PUMP, BOOSTER, 30GPM, 60PSI, 2HP | 1 | - |
| 2 | 8586047 | NIPPLE,RDCR,PP,SCH 80,2 X1-1/4 | 1 | - |
| 3 | 8586049 | STRAINER,Y,PVC,2" NPT | 1 | - |
| 4 | 8586039 | ADAPTER,NYL,2 MPT X 2 HOSE | 1 | - |
| 5 | 8586046 | NIPPLE,CLOSE,PVC,SCH80,1.25NPT | 1 | - |
| 6 | 8586051 | COUPLING,RDCR,PP,SCH80,1.5X1.2 | 1 | - |
| 7 | 8586036 | ADAPTER,PVC,1-1/2MPTX1-1/2HOSE | 1 | - |
| 8 | 8586200 | COUPLING,PVC,SCH 80,2" NPT | 1 | - |
| 9 | 8586199 | NIPPLE,PVC,SCH 80,2" NPT X 5" | 1 | - |
| 10 | 8586195 | BUSHING,RDC,1-1/2 PIPE X1 PIPE | 2 | - |
| 11 | 8586082 | TEE,PVC,SCH 80,1 1/2" SXSXS | 1 | - |
| 12 | 8586096 | ELB,90,PVC,1 1/2MPTX1 1/2BARB | 1 | - |
| 13 | 8586037 | FILTER,BAG,ROSEDALE | 1 | - |
| 14 | 8586095 | ELBOW,90DEG,PVC,1 1/2X1 1/2FPT | 2 | 3 |
| 15 | 8586164 | FLANGE,PVC,1-1/2 FPT | 2 | - |
| 16 | 8586165 | METER,MAG FLOW,1.50 | 1 | - |
| 17 | 8586162 | NIPPLE,PVC,SCH 80,1-1/2NPT X 5 | 1 | - |
| 18 | 8583078 | CONVERTOR | 1 | - |
| 19 | 8586163 | NIPPLE,PVC,SCH 80,1-1/2NPT X 3 | 1 | - |
| 20 | 8586167 | VALVE,CHECK,UNION,1-1/2" | 1 | - |
| 21 | 8586168 | GASKET,FLG,FULL W/HOLES,1-1/2" | 1 | - |
| 22 | 8592184 | NIPPLE,PVC,SCH 80,1-1/2 X 6 | 1 | - |
| 23 | 8586088 | PIPE MIXER,PVC,INLINE,1 1/2MPT | 1 | - |
| 24 | 8586090 | TEE,PVC,1 1/2 X1 1/2X 3/4" FPT | 2 | - |
| 25 | 8586078 | UNION,PVC,SCH 80,1-1/2NPTX SKT | 1 | - |
| 26 | 8586113 | U-BOLT,POLYURETHANE,3/8-16 X 2 | 4 | - |
| 27 | 8586147 | VALVE,CHECK,UNION,3/4" | 2 | - |
| 28 | 8592183 | ELBOW,90,PVC,SCH80,1-1/2 FPT | 1 | - |
| 29 | 8592179 | FLANGE,PVC,1" FPT | 2 | 1 |
| 30 | 8586166 | METER,MAG FLOW,1.00 | 1 | - |
| 31 | 8586169 | GASKET,FLG,FULL W/HOLES,1" | 1 | - |
| 32 | 8586191 | RING,GROUNDING,1",SS | 1 | - |
| 33 | 8586065 | VALVE,PRESSURE RELIEF,3/4"NPT | 1 | - |
| 34 | 8589599 | CROSS,PVC,SCH 80,1",SXSXSXS | 1 | - |
| 35 | 8586061 | NIPPLE,HALF,PVC,SCH 80,1 X 3 | 3 | - |
| 36 | 8589600 | SENSOR,TEMP,TITAN | 1 | - |
| 37 | 8586064 | VALVE,UNION,1",SOLENOID,NPD | 1 | - |
| 38 | 8586063 | VALVE,BALL,UNION,1",EPM | 2 | - |
| 39 | 1469004 | COUPLING,PVC,SCH 80,THRD,1 X 1 | 2 | - |

Titan Microblender, December 2016, cont.

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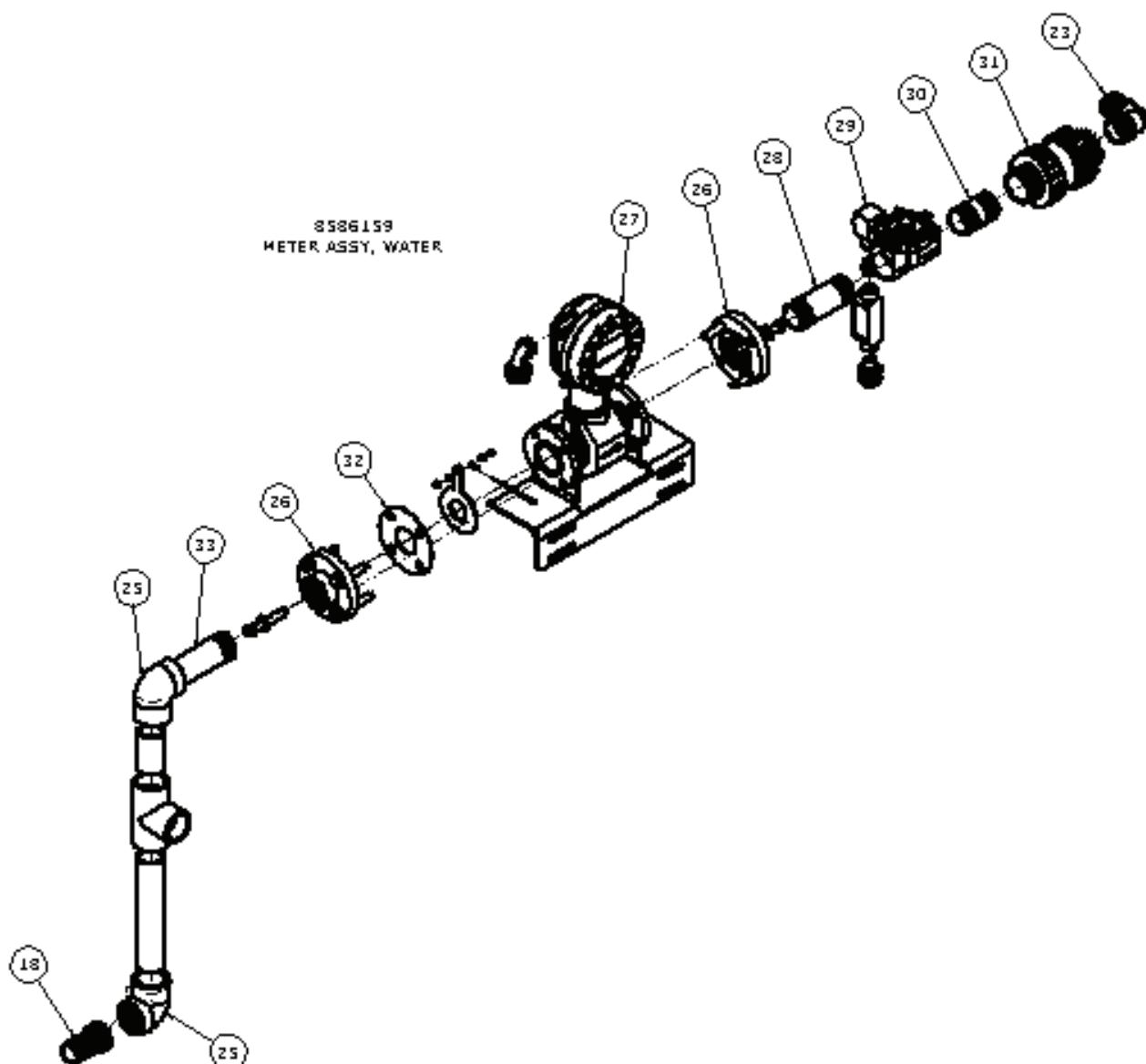


Titan Microblender, December 2016, cont.

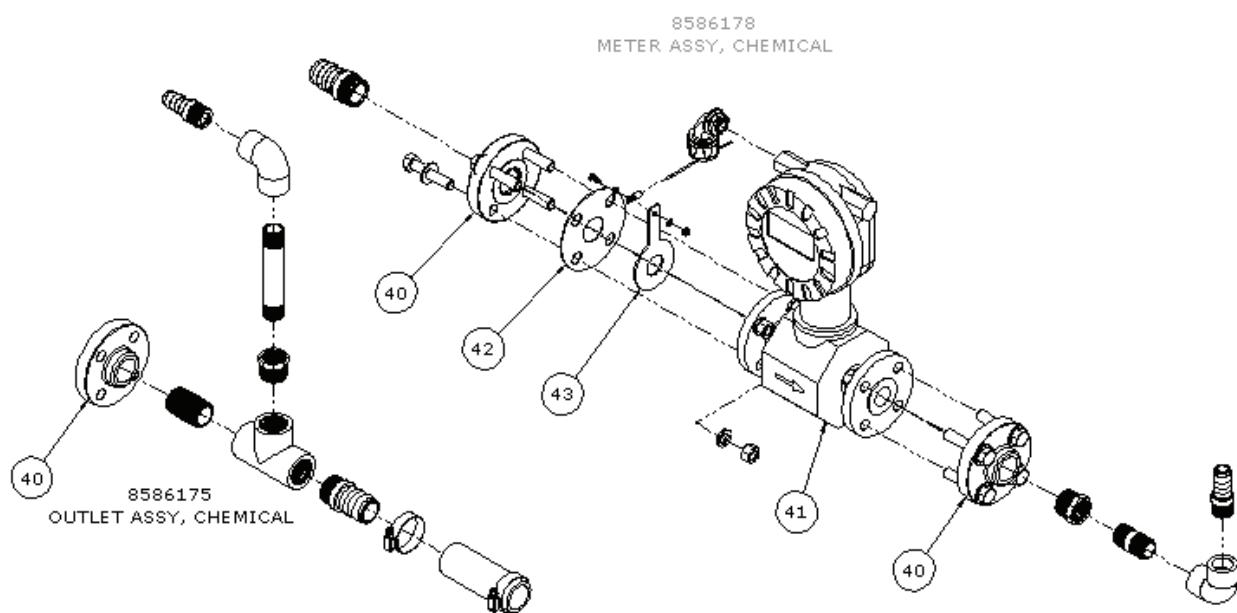
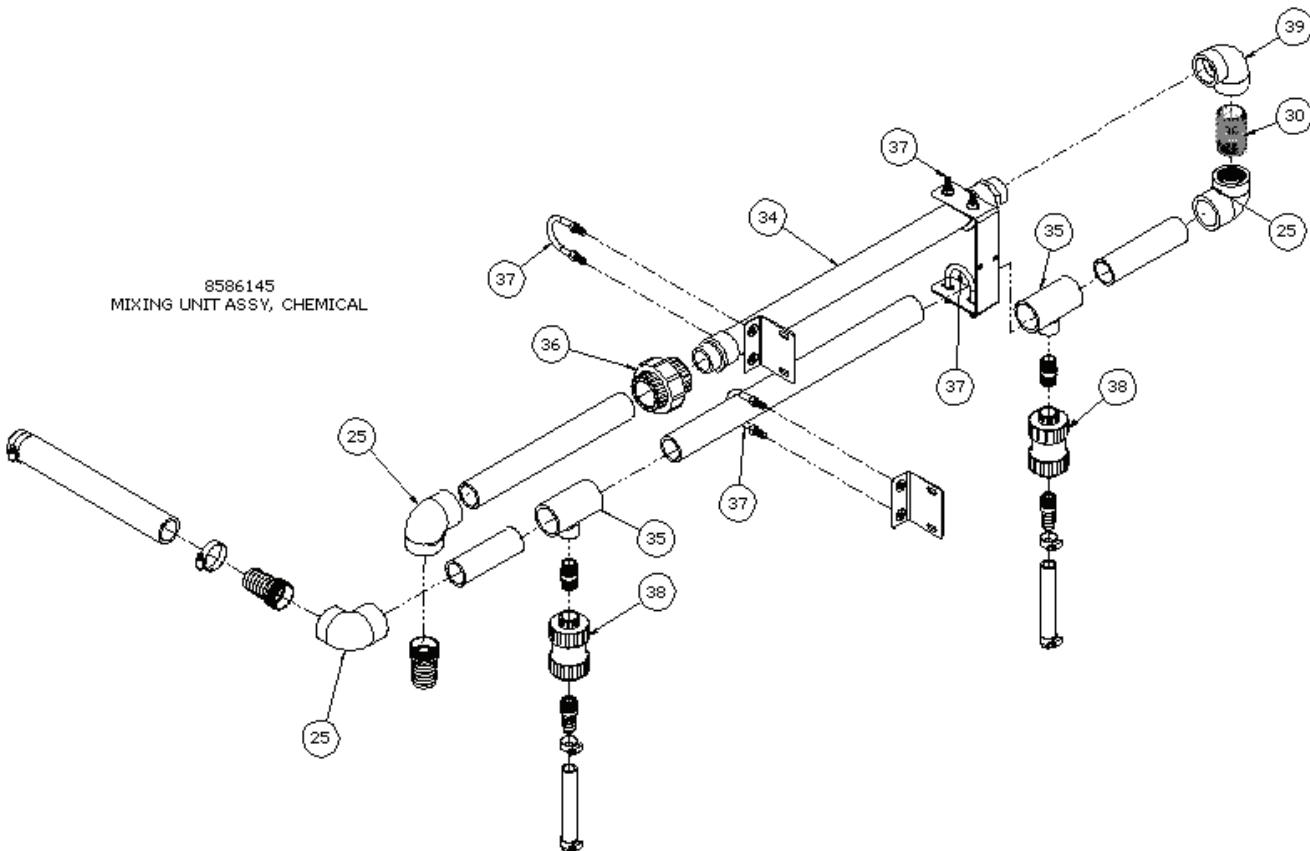


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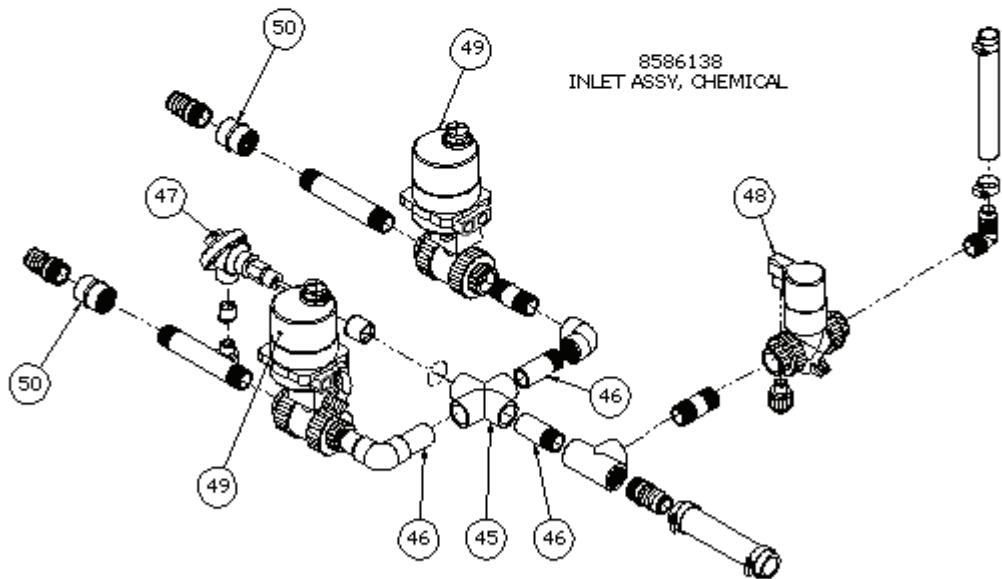
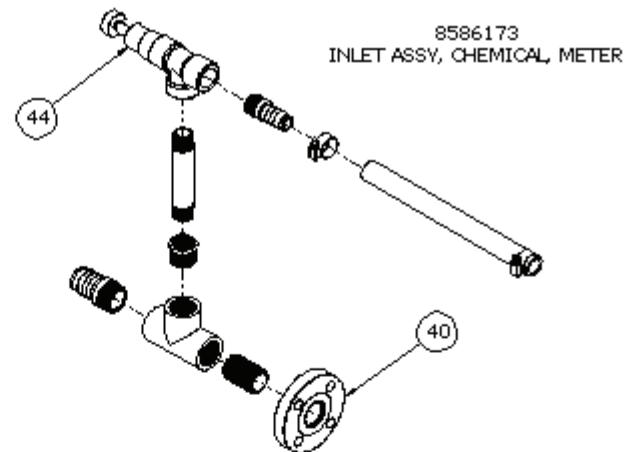


Titan Microblender, December 2016, cont.

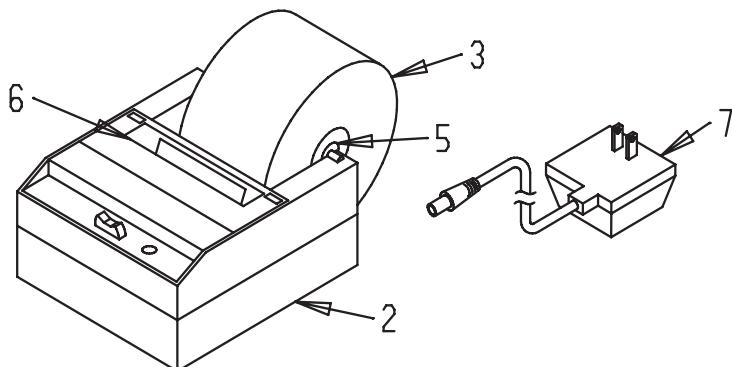


Titan Microblender, December 2016, cont.

| | |
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Serial Printer Kits



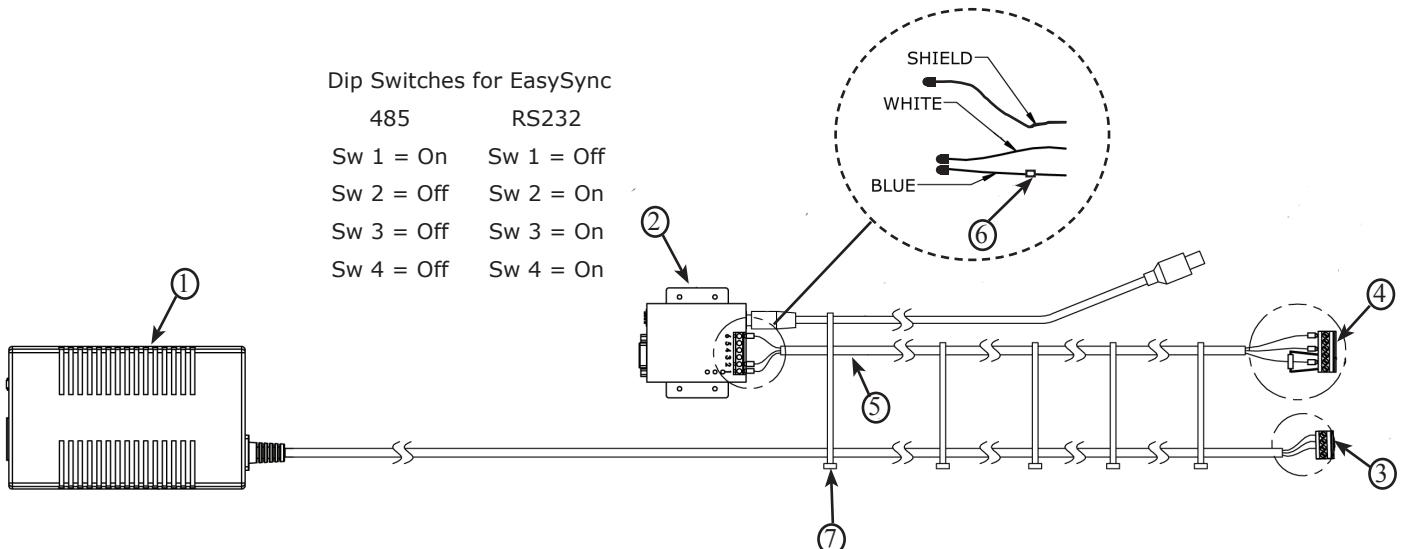
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------|-----------------------------|-----------------------------------|-----------------------------------|-----|
| | 3556421 | ⊗ | Kit, Prntr, Serial, 230V, w/Cable | 6421 | |
| | 3556397 | ⊗ | Kit, Prntr, Serial, 120V, w/Cable | 6397 | |
| 1 | 3555514 | n/s | Cable Assy, RS-232, w/Xlient Prot | 1 | 1 |
| 2 | 3556420 | ⊗ | Printer, Serial, 230V | 1 | - |
| | 3556396 | ⊗ | Printer, Serial, 120V | - | 1 |
| 3 | 3556459 | ⊗ | Paper, Printer, 1 Roll | a/r | a/r |
| 4 | 3556460 | ⊗ | Ribbon, Printer | a/r | a/r |
| 5 | 3556463 | ⊗ | Spindle, Printer | 1 | 1 |
| 6 | 3556464 | ⊗ | Cutter, Window | 1 | 1 |
| 7 | 3556462 | ⊗ | Transformer, 230V | 1 | - |
| | 3556461 | ⊗ | Transformer, 120V | - | 1 |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------|-----------------------------|---------------------------------|-----------------------------------|--|
| | 3561976 | ⊗ | Kit,Prntr,100-240V,w/Serial CBL | 1976 | |
| 1 | 3561977 | ⊗ | Printer, 100-240V, Serial | 1 | |
| | 8591526 | ⊗ | Printer, CP103 | 1 | |
| 2 | 3561978 | ⊗ | Power Supply, 100-240V | 1 | |
| | 8591525 | ⊗ | Power Supply, Printer, CP103 | 1 | |
| 3 | 3561979 | n/s | Cable Assy, Serial, PS/2 | 1 | |
| 4 | 3561980 | ⊗ | Ribbon, Printer, STD, Black | a/r | |
| | 8591523 | ⊗ | Ribbon, Printer, CP103 | a/r | |
| 5 | 3561982 | ⊗ | Paper,Printer, Roll | a/r | |
| | 8591524 | ⊗ | Paper, Printer, CP103 | a/r | |

Communication Assembly - TouchPoint and SmartDairy Control

| | |
|----------------------|-------------------|
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| EFFECTIVE: 2/8/17 | |



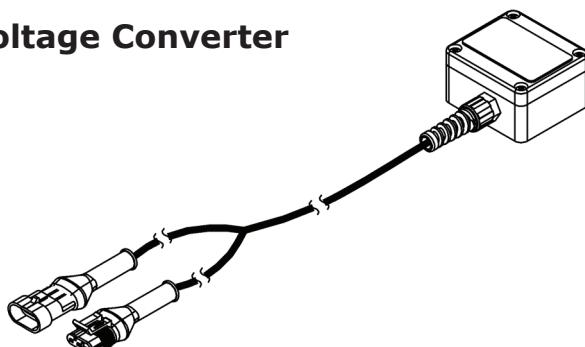
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|
| | 3559488 | | Comm. Assy, T-Pnt & Smart Ctrl | 9448 |
| 1 | 3558985 | | Power Supply, 24VDC, 6A, Desk | 1 |
| 2 | 3559487 | | Converter, Communication | 1 |
| 3 | 3559203 | | Conn, Term Block, 4-Pin, 5MM | 1 |
| 4 | 3559205 | | Conn, Term Block, 6-Pin, 5MM | 1 |
| 5 | 3559244 | | Cable Assy, Comm, 6.17FT | 1 |
| 6 | 3557453 | | Termination, Prism | 1 |
| 7 | 1979001 | | Tie, Cable, 5.87 x .09 | 5 |

Stainless Steel Cow Magnent



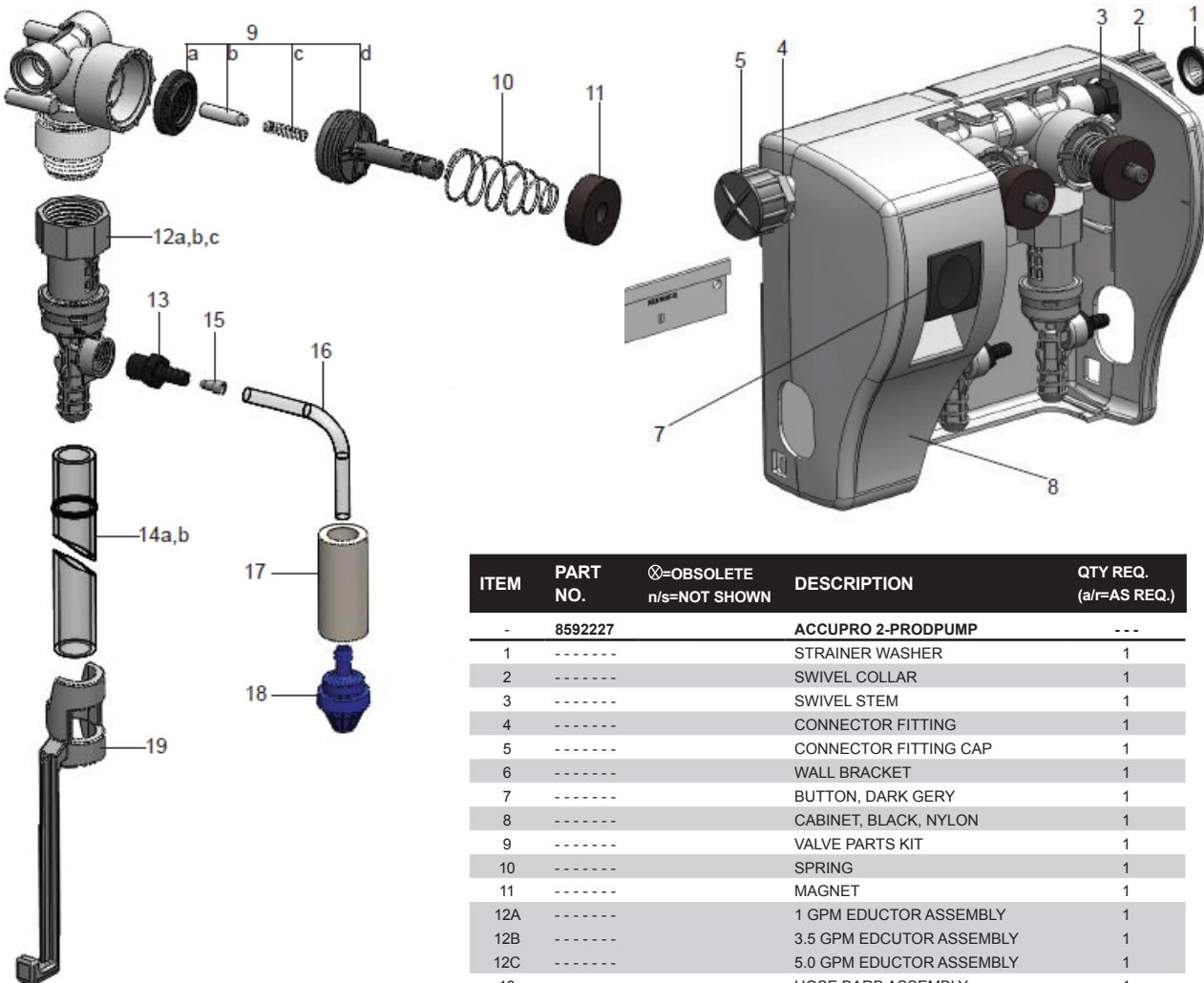
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|------------------------------|-----------------------------------|
| 1 | 5100583 | | Magnet, Cow, Stainless Steel | a/r |

Pulsation Voltage Converter



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|-------------------------------|-----------------------------------|
| --- | 3562153 | | ENCLOSURE ASSY,VOLT CONV,PULS | a/r |

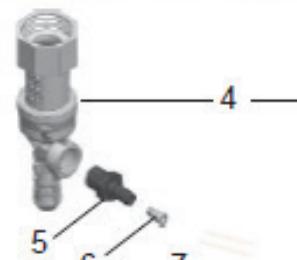
AccuPro Pump



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|--------------------------------|---------------------------|
| - | 8592227 | | ACCUPRO 2-PROPUMP | --- |
| 1 | ----- | | STRAINER WASHER | 1 |
| 2 | ----- | | SWIVEL COLLAR | 1 |
| 3 | ----- | | SWIVEL STEM | 1 |
| 4 | ----- | | CONNECTOR FITTING | 1 |
| 5 | ----- | | CONNECTOR FITTING CAP | 1 |
| 6 | ----- | | WALL BRACKET | 1 |
| 7 | ----- | | BUTTON, DARK GERY | 1 |
| 8 | ----- | | CABINET, BLACK, NYLON | 1 |
| 9 | ----- | | VALVE PARTS KIT | 1 |
| 10 | ----- | | SPRING | 1 |
| 11 | ----- | | MAGNET | 1 |
| 12A | ----- | | 1 GPM EDUCTOR ASSEMBLY | 1 |
| 12B | ----- | | 3.5 GPM EDCUTOR ASSEMBLY | 1 |
| 12C | ----- | | 5.0 GPM EDUCTOR ASSEMBLY | 1 |
| 13 | ----- | | HOSE BARB ASSEMBLY | 1 |
| 14A | 8592230 | | DISCHARGE HOSE | 1 |
| 14B | ----- | | 3.5 GPM DISCHARGE TUBE | 1 |
| 15 | 8592238 | | METERING TIP KIT | 1 |
| 16 | 8592235 | | CHEMICAL PICK UP TUBING .25X7' | 1 |
| 17 | 8592234 | | CERAMIC WEIGHT | 1 |
| 18 | 8592236 | | FOOT VALVE | 1 |
| | ----- | | HOSE HOOK, DARK GREY | 1 |
| | ----- | | HOSE HOOK, SKY BLUE | 1 |
| 19 | ----- | | HOSE HOOK, RED | 1 |
| | ----- | | HOSE HOOK, GREEN | 1 |
| | ----- | | HOSE HOOK, LIGHT GREY | 1 |
| | ----- | | HOSE HOOK, YELLOW | 1 |
| 20 | 8592229 | n/s | CHECK VALVE VITON SLIM | 1 |
| 21 | ----- | n/s | SECURITY SCREW | 1 |

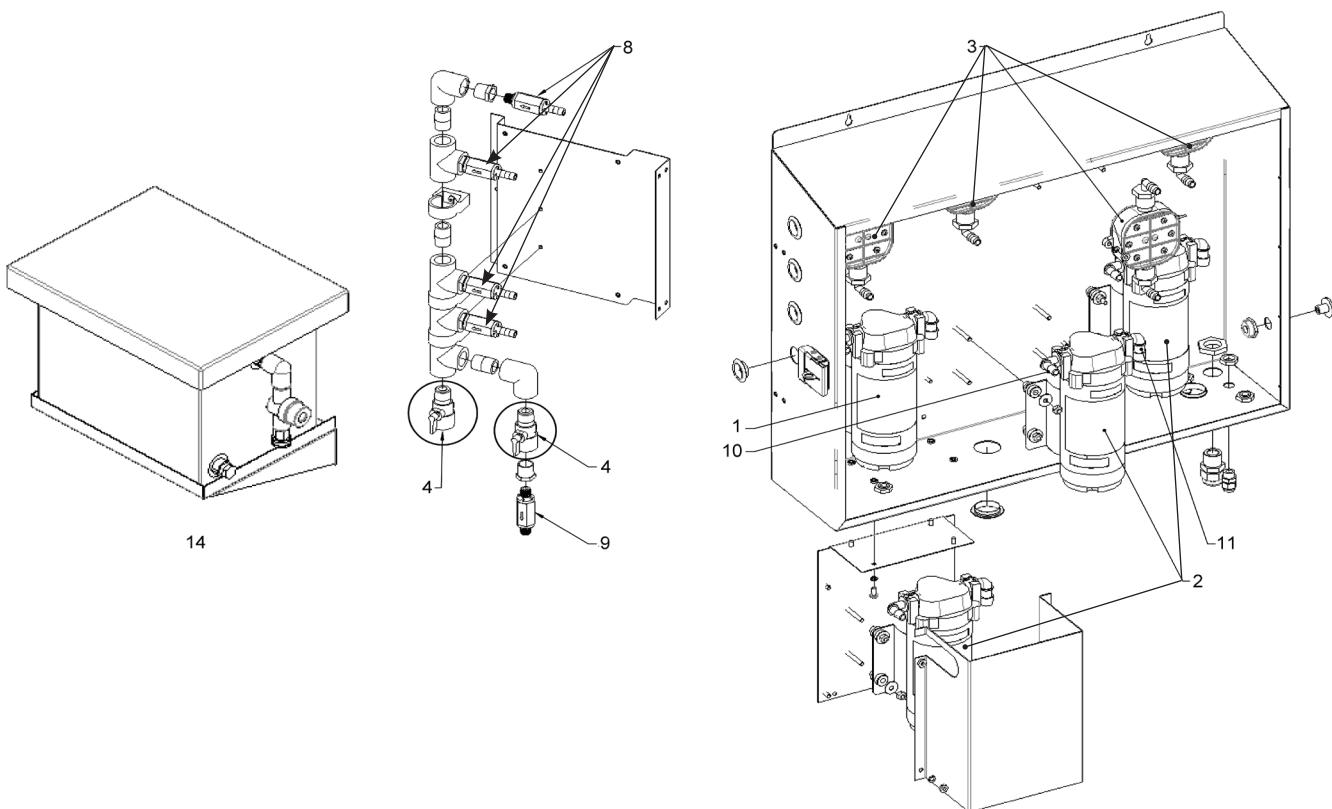
Parlor Master Hydro System

| | |
|-----------------------|-------------------|
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| EFFECTIVE: 9/28/16 | |



| ITEM | PART NO. | Ø=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|-----------------------------------|---------------------------|
| - | 8592228 | | HYDROSYSTEMPARLORMASTER II | --- |
| 1 | 8592233 | | WATER INLET MANIFOLD | 1 |
| | ----- | | WATER PRESSURE REGULATOR | 1 |
| | ----- | | WATER PRESSURE GAUGE | 1 |
| 2 | ----- | | AIR PRESSURE REGULATOR WITH GAUGE | 1 |
| 3 | 8592237 | | AIR DIAPHRAGM PUMP | 1 |
| 4 | 8592239 | | MANIFOLD,WTR BDY,DUAL EDUCTOR | 1 |
| 5 | ----- | | HOSE BARB, 1/4" | 1 |
| 6 | 8592238 | | METERING TIP KIT | 1 |
| 7 | 8592235 | | CHEMICAL PICKUP TUBING .25"X7' | 1 |
| 8 | ----- | | S-HOOK | 1 |
| 9 | 8592231 | | FLOAT ASSEMBLY | 1 |
| 10 | 8592236 | n/s | FOOT VALVE | 1 |
| 11 | 8592234 | n/s | CERAMIC WEIGHT | 1 |
| 12 | 8592232 | n/s | TWIST2CLEAN FILTER | 1 |

On-Farm Blending Unit



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|------|----------------------|-----------------------------|-----------------------------------|-----------------------------------|--------|
| | 8589982 | | Mixing, Dosing System, BM, 3-Pump | 9982 | |
| | 8589983 | | Mixing, Dosing System, BM, 4-Pump | 9983 | |
| 1 | 8589416 | | PUMP,EDP,EPDM,WATER | 1 | 1 |
| 2 | 8589415 | | PUMP,EDP,VITON,CHEM | 2 | 3 |
| 3 | 8589414 | | METER,FLOW | 3 | 4 |
| 4 | 8589413 | | VALVE,BALL,PVC,VITON | 2 | 2 |
| 5 | 8589412 | n/s | PCB,CONTROLLER | 1 | 1 |
| 6 | 8589411 | n/s | PCB,I/O | 1 | 1 |
| 7 | 8589410 | n/s | PCB,MEMORY MOD | 1 | 1 |
| 8 | 8589409 | | VALVE,CHECK,1/3# MAN | 3 | 4 |
| 9 | 8589408 | | VALVE,CHECK,1/3# CAL | 1 | 1 |
| 10 | 8589407 | | FITTING,VITON,PUMPOUT | 3 | 4 |
| 11 | 8589406 | | FITTING,VITON,PUMP IN | 3 | 4 |
| 12 | 8589405 | n/s | VALVE ASSY,PUMP,EPDM | 1 | 1 |
| 13 | 8589404 | n/s | VALVE ASSY,PUMP,VITON | 2 | 3 |
| 14 | 8589452 | | TANK,WATER/OXIDANT | 1 | Min. 1 |
| 15 | 8589984 ¹ | n/s | 3-PUMP MAINT. KIT, 6 MONTHS | a/r | - |
| 16 | 8589985 ² | n/s | 3-PUMP MAINT. KIT, 12 MONTHS | a/r | - |
| 17 | 8589986 ³ | n/s | 4-PUMP MAINT. KIT, 6 MONTHS | - | a/r |
| 18 | 8589987 ⁴ | n/s | 4-PUMP MAINT. KIT, 12 MONTHS | - | a/r |
| 19 | 8591024 | n/s | SWITCH,15",MULTIPOINT,LIQ LVL | a/r | a/r |
| 20 | 8591025 | n/s | SENSOR,TEMP,IODINE,25FT CBL | a/r | a/r |

¹ Kit contains (3) 8589407, (3) 8589406, (1) 8589408, (3) 8589409

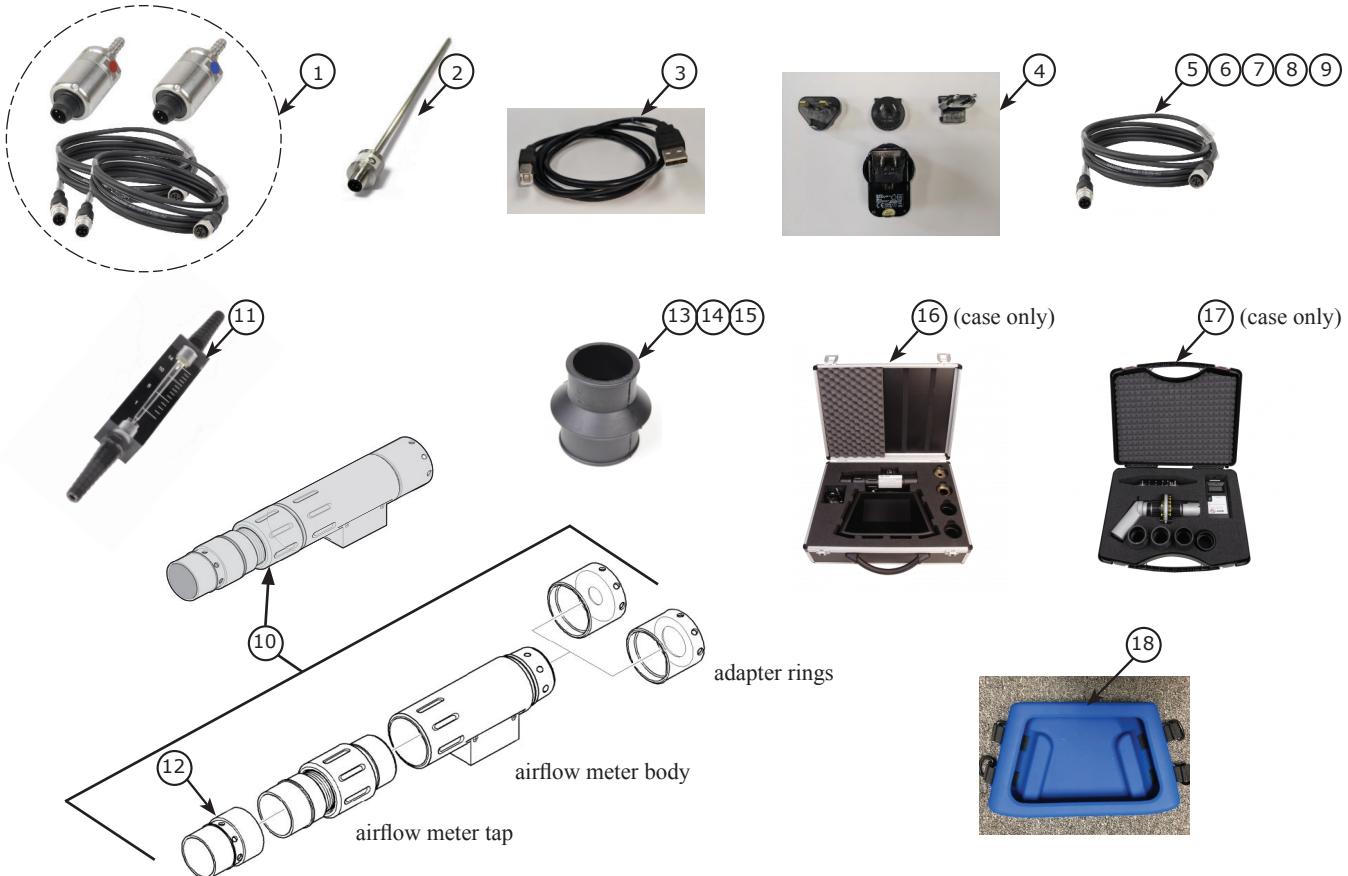
² Kit contains (3) 8589407, (3) 8589406, (1) 8589408, (3) 8589409, (1) 8589405, (2) 8589404

³ Kit contains (4) 8589407, (4) 8589406, (1) 8589408, (4) 8589409

⁴ Kit contains (4) 8589407, (4) 8589406, (1) 8589408, (4) 8589409, (1) 8589405, (3) 8589404

PT-VI Milking System Analyzer

| | |
|-----------------------|-------------------|
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| EFFECTIVE: 10/2/23 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|---|-----------------------------------|
| | 8597336 | | PT-VI STANDARD | 7336 |
| | 8597335 | | PT-VI PRO | 7335 |
| 1 | 8597334 | | VACUUM TRANSDUCER SET, EXT, PT-VI (includes one each red transducer, blue transducer, red 2-meter cable & blue 2-meter cable) | - 1 |
| 2 | 8597331 | | TEMPERATURE PROBE | - 1 |
| 3 | 8597349 | | PTVI,POWER CORD,USBA,USB | 1 1 |
| 4 | 8597350 | | PTVI,BATTERY CHARGER | 1 1 |
| 5 | 8597330 | | M12 CABLE, EXT TRANS. 2M, RED | - 1 |
| 6 | 8597977 | | M12 CABLE, EXT TRANS. 2M, BLUE | - 1 |
| 7 | 8597329 | | M12 CABLE, EXT TRANS. PROBE 5M | - - |
| 8 | 8597328 | | M12 CABLE, EXT TRANS. PRBE 10M | - - |
| 9 | 8597327 | | M12 CABLE, EXT TRANS. PRBE 20M | - - |
| 10 | 8597326 ¹ | | AIRFLOW METER 30-3000L/M, MECH (includes Item 12, airflow meter body & tap, & adapter rings 20 & 30 mm) | - - |
| 11 | 8597325 ¹ | | CLUSTER FLOW METER 0-14L/M | - - |
| 12 | 8597324 ¹ | | BYPASS 2000L/M FOR AIRFLOW MTR | - - |
| 13 | 8597323 ¹ | | CON. TUBES,AF METER 46/46MM | - - |
| 14 | 8597322 ¹ | | CON. TUBES,AF METER 46/38MM | - - |
| 15 | 8597321 ¹ | | CON. TUBES,AF METER 46/32MM | - - |
| 16 | 8597320 | | CASE F. PT-VI AND ELEC. AF MTR | 1 1 |
| 17 | 8597319 | | CASE F. AFM,CFM,BYP,TUBES,DVPM | - - |
| 18 | 8597318 | | PRTCT CASE F. PT-VI, SIL, BLUE | 1 1 |

Note:

1. These parts and accessories require the PT-VI Pro.

Rotary Stalls

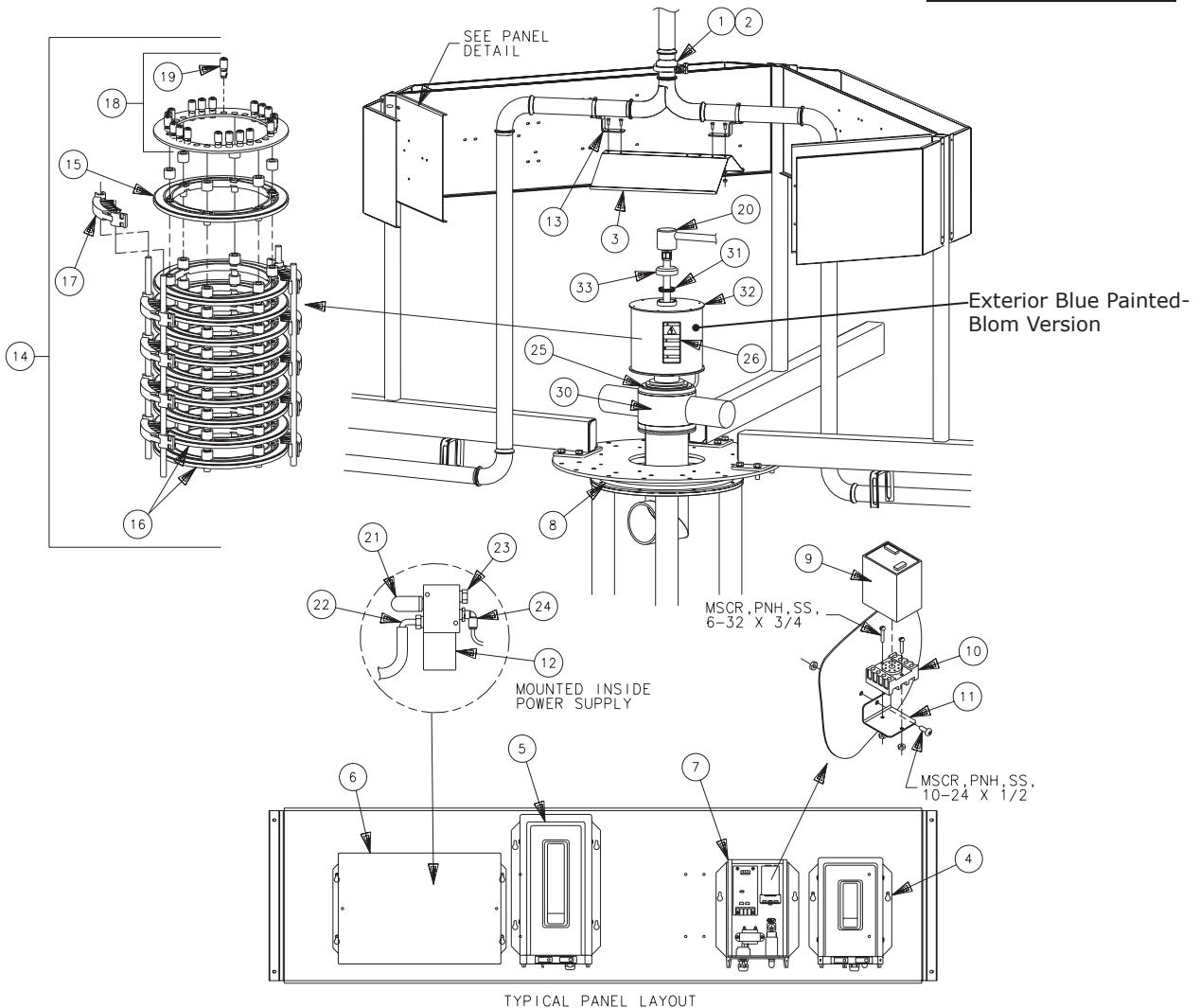
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| Framework & Sensors | 42 | |
| Pneumatics | 43 | |
| Security..... | 45 | |
| Sequencing Gate..... | 40 | |
| Texas Gate | 44 | |
| Wash Position Sensor | 45 | |
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| Entrance-Exit..... | 49 | |
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| Internal Man Pass Gate..... | 49 | |
| Safety Kit | 49 | |

Center Console, Pivot & Swivels

| | |
|-----------------------|-----------|
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| ITEM | PART NO. | ⊖=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|-----------|-----------------------------|---|-----------|
| - | - - - - - | | Center Console, Pivot & Swivels | - |
| 1 | 8503820 | | Swivel Assy, 2.5", Milk | 1 |
| | 8582871 | | Swivel Assy, 2.0", Milk | or 1 |
| | 8502962 | ⊖ | Swivel Assy, 1.5", Milk | or 1 |
| 2 | 8503824 | | Kit, Repair, 2.5" Milk Swivel | 1 |
| | 8583785 | | Kit, Repair, 2.0" Milk Swivel | or 1 |
| | 8503825 | | Kit, Repair, 1.5" Milk Swivel | or 1 |
| 3 | 8504082 | | Cover, Drip, Main Swivel, Rotary | 1 |
| 4 | 8518516 | | Cont Assy, LLC, 230/380V, 50/60Hz (Parts on page C-27.) | a/r |
| 5 | 8506679 | ⊖ | Controller Assy, Pulsation, PC-120 (Parts on page C-41.) | a/r |
| 6 | 3554142 | | Power Supply, 12 Unit (Parts on page D-3.) | a/r |
| 7 | 8518532 | | Cont Assy, AI, 230V, 50/60Hz (Parts on page C-40.) | 1 |
| 8 | 8503988 | | Bearing, Pivot, XCAL 360 | 1 |
| 9 | 8503787 | ⊖ | Relay, time Delay, 24V, Multimode | 1 |
| 10 | 3555114 | ⊖ | Base, Relay | 1 |
| 11 | 8503830 | ⊖ | Bracket, Timer, Air Injector | 1 |
| 12 | 8516130 | | Valve, Solenoid, 230 Vac | 2 |
| 13 | 3554475 | | Bracket, Mtg, 2101 | 2 |
| 14 | 8504073 | | Ring Assy, Slip, w/Cable (Includes items 15 thru 19.) | 1 |
| 15 | 8503844 | ⊖ | Slipring, Power, Rotary | 8 |
| 16 | 8503845 | | Slipring, Comm, Rotary | 2 |
| 17 | 8503846 | | Contact, Power/Com, Rotary | 10 |

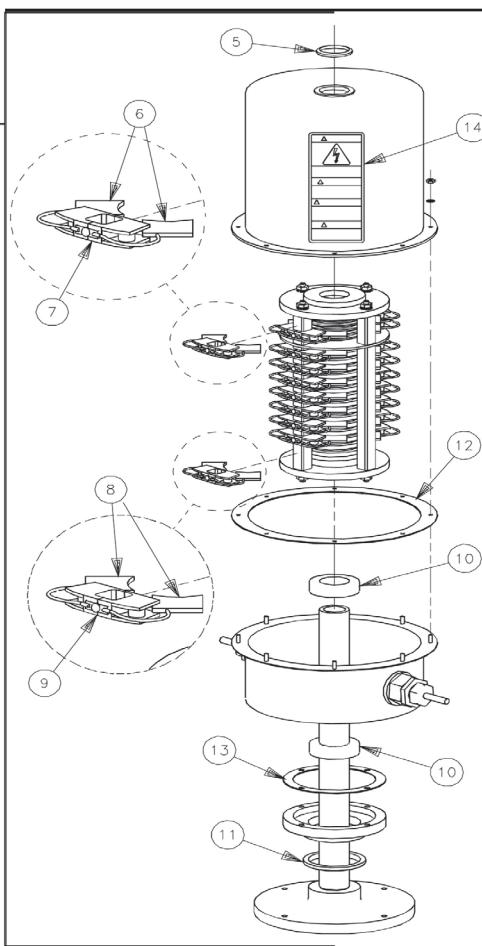
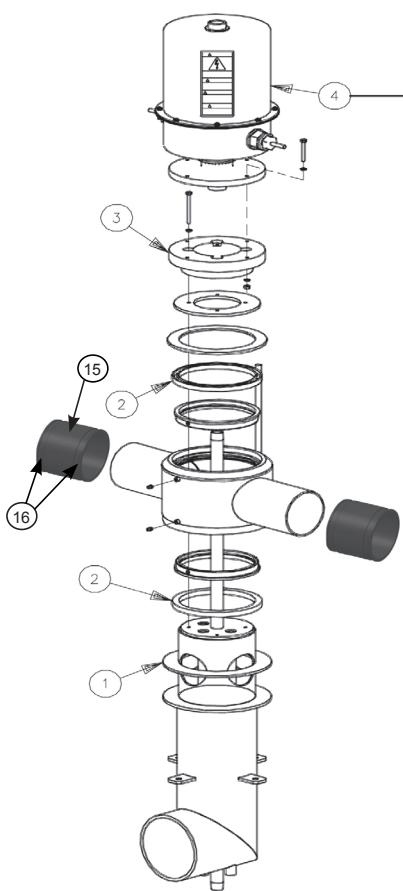
| ITEM | PART NO. | ⊖=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|-----------|-----------------------------|---|-----------------------------|
| 18 | 8510246 | ⊖ | Clamp Assr, Ring (Includes item 19.) | 1 |
| 19 | 8503848 | ⊖ | Clamp, Wire, Rotary Gland | 16 |
| 20 | 8502637 | | Swivel, Air, 3/4 NPT | 1 |
| 21 | 8551136 | | Muffler, Filter, 1/4 NPT | 1 |
| 22 | 3556483 | | Elbow, 90 Deg, Nyl, 1/4NPTx1/4Hose | 1 |
| 23 | 1431200 | | Plug Hex Hd, Brass, 1/4 | 1 |
| 24 | 8507015 | | Conn,Swl,Elb,5/32 OD x 1/4 NPT | 1 |
| 25 | 8503842 | | Seal, Quad, Viton, water and Air | 1 |
| | 8503843 | | Seal, 162 x 190 x 12, Swivel, Vacuum | or 1 |
| 26 | 8504733 | | Label, Warning, Electrical | 1 |
| 27 | 8504174 | n/s | Label, Warning, Det/Meter, Rotary | 1 |
| | 8504175 | ⊖ | Label, Warning, Det/Only, Rotary | or 1 |
| 28 | 8504212 | ⊖ | n/s | Sign, Warning, Wall, Rotary |
| 29 | 8504734 | ⊖ | n/s | Label, Rotary, Opti-Flo |
| 30 | 8502635 | 2 | Swivel, Main, Air, vac, Pwr, Comm (Includes items 14, 25, 32, 33.) | 1 |
| 31 | 8503847 | 1 | Seal, Top, Rotary Gland | 1 |
| 32 | 8510244 | ⊖ | Cover, Drip Edge, Ring Assy | 1 |
| 33 | 8510245 | | Cap, Drip Edge, Ring Assy | 1 |
| 34 | - - - - - | | Literature 9E-882 (Install. Instr.) | ref |
| 35 | - - - - - | | Literature 9E-883 (Operation Instr.) | ref |

Note:

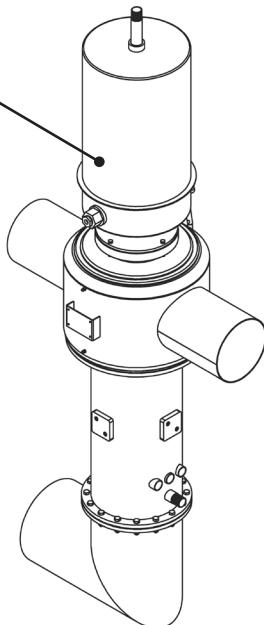
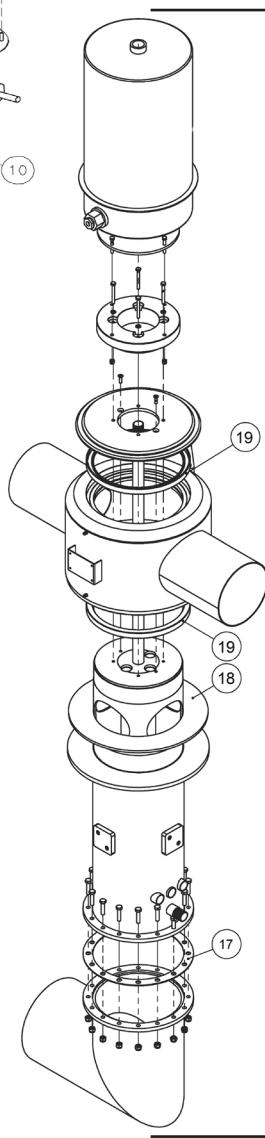
1. Used only on main swivel assemblies which do not have a drip edge cover.
2. Used on older version rotaries.
3. Used on newer version rotaries.

Main Swivel Assembly - Xcalibur, Stainless Steel Version

Rotary Stall
Size 40-80



Rotary Stall
Size 90-120

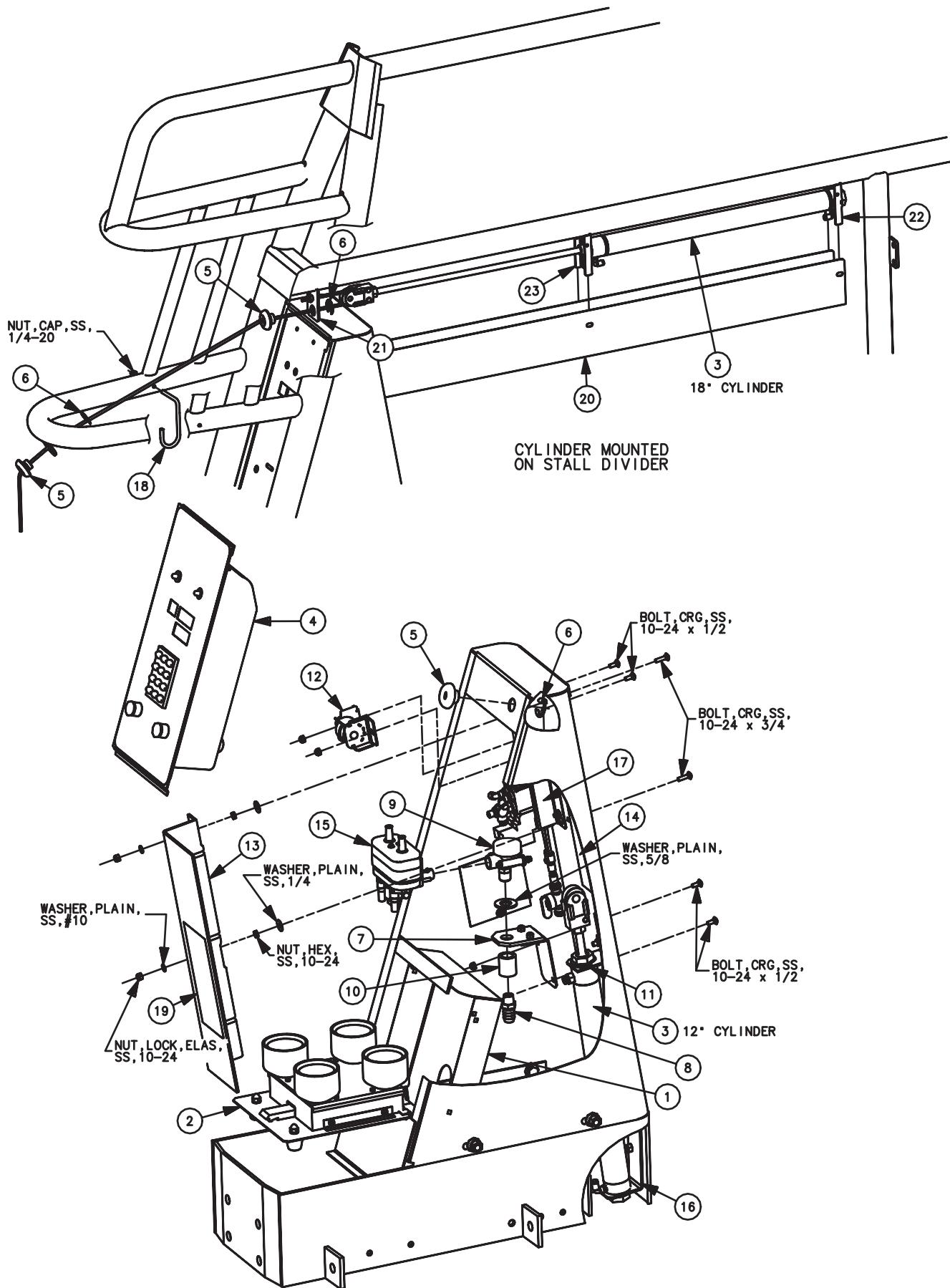


| ITEM NO. | PART NO. | DESCRIPTION | QTY. | REQ. |
|----------|----------|--|------|------|
| - | 8502635 | Swivel, Main, Air, Vac, Pwr, Comm | 635 | - |
| | 8593206 | XL, Swivel, Main, Air, Vac, Pwr, Comm | - | 206 |
| 1 | 8510705 | Bushing, Plastic, Swivel | 1 | - |
| 2 | 8503843 | Seal, 162 x 190 x 12, Swivel, Vacuum | 2 | - |
| 3 | 8510703 | Adapter, Slip Ring Assy, Rotary | 1 | - |
| 4 | 8510700 | Slip ring Assy, Rotary (Incl. Items 5 thru 14) | 1 | - |
| 5 | 8513230 | Seal, V-Ring, CR, 1.42-1.50 Shaft | 1 | 1 |
| 6 | 8513228 | Brush, 15A, 1.5 Bore, Comm | 8 | 8 |
| 7 | 8513229 | Kit, Brush Hldr, 15A, Com, L/Brush | 4 | 4 |
| 8 | 8513226 | Brush, 15A, 1.5 Bore, Power | 30 | 38 |
| 9 | 8513227 | Kit, Brush Hldr, 15A, Pwr, L/Brush | 15 | 19 |
| 10 | 8513232 | Bearing, Ball, 1.5 DS | 2 | - |
| 11 | 8513231 | Seal, V-Ring, CR, 2.48-2.68 Shaft | 1 | - |
| 12 | 8513234 | Gasket, 1.5, Bolted | 1 | - |
| 13 | 8513233 | Gasket, Brg Housing, 1.5 | 1 | - |
| 14 | 8504733 | Label, Warning, Electric | 1 | 1 |
| 15 | 8515468 | Tube, Rbr, 4.50 x .21 x 6.00 | 2 | 2 |
| 16 | 8553741 | Clamp, Hose, SS #104, 4.13 x -7.00 | 4 | 4 |
| 17 | 8594097 | Gasket, 265x2mm Megaswivel | - | 1 |
| 18 | 8594098 | Ring, NLN, 335x6mm Megaswivel | - | 1 |
| 19 | 8594099 | Seal, 250x15.9mm Megaswivel | - | 2 |
| 20 | 8592855 | Slip, Ring, Assy, Mega Rotary | - | 1 |

Note: 1. For use with swivel on 90+ stall rotary.

Rotary Cabinet Assembly

SECTION PAGE
I 5
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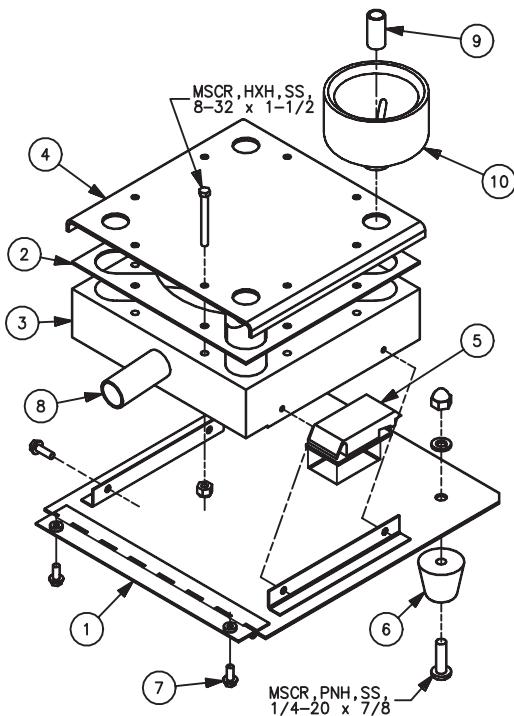
Rotary Cabinet Assembly

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|---------------------------------|-----------|-----------------------------|--|--------------|
| Cabinet Assembly, Rotary | | | | |
| 1 | 8503973 | ⊗ | Cover, Jetter, Rotary | 1 |
| 2 | 8503035 | | Jetter Assy, Rotary Parlor (See below for parts.) | 1 |
| 3 | - - - - - | | Cylinder Assy, Retract (Parts on Page I-6.) | 1 |
| 4 | 8504170 | ⊗ | Door Assy, Det/Meter, Rotary (Parts on page I-6-7.) | 1 |
| | 8509514 | ⊗ | Door Assy, 4600D, Rotary (Parts on page I-9.) | 1 |
| 5 | 8510834 | | Bushing, Cord Guide, Steel | 2 |
| 6 | 3552179 | | Ring, Retaining, ext-T, .750 | 2 |
| 7 | 8503650 | ⊗ | Mount Assy, Pulsator, Rotary | 1 |
| 8 | 3553278 | | Adapter, 5/8 Hose x 3/8 NPT | 1 |
| 9 | 8517600 | | Stallcock, Die-Cast, 3/8 NPT (Parts on page C-42.) | 1 |
| 10 | 8503860 | | Coupling, Galv, 3/8 NPT | 1 |
| 11 | 8503670 | ⊗ | Bracket, Mounting, Air cyl, Upper | 1 |
| 12 | 8503675 | ⊗ | Pulley Block Assy | 1 |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------------------|-----------------------------|--|--------------|
| 13 | 8504013 | ⊗ | Guard, Cylinder, Rotary Parlor | 1 |
| 14 | 8504014 | ⊗ | Label, Caution, Moving Parts | 1 |
| 15 | 8512564 | | Pulsator Assy, Filter High Flow (Parts on page B-8.) | 1 |
| 16 | 8503671 | ⊗ | Bracket, Mounting, Air Cyl, Lower | 1 |
| 17 | 8503972 | ⊗ | Valve Assy, Rotary, 4400 D/O | 1 |
| | 8503971 | ⊗ | Valve Assy, Rotary D/M (Parts on page I-10.) | 1 |
| | 3557997 | | Valve Assy, Detacher, 2 Valve (Parts on page F-21.) | 1 |
| 18 | 8504162 | | Hook, CIP, Rotary | 1 |
| 19 | 8509112 | ⊗ | Label, Threading cord, Detacher | 1 |
| 20 | 8511135 | | Guard, Cylinder, Rotary Stall | 1 |
| 21 | 8511134 | | Bracket, Mtg, Cord Guide | 1 |
| 22 | 8511133 | | Bracket, Mtg, Cylinder, Inner | 1 |
| 23 | 8511132 | | Bracket, Mtg, Cylinder, Outer | 1 |
| 24 | 8511136 ¹ | n/s | Kit, Retrofit, Rotary, cyl Mtg Includes Items 3, 5, 6, 20 - 23 and hardware.) | a/r |

Note: 1. Part number 8511136 used to move cylinder from internal cabinet to stall divider.

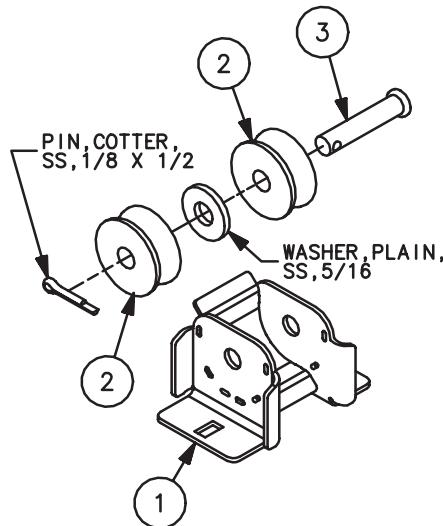
Rotary Parlor Jetter Assembly



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|-----------------------------------|----------------------|-----------------------------|--------------------------------------|--------------|
| Jetter Assy, Rotary Parlor | | | | |
| 1 | 8502899 | | Door Assy, Jetter, Rotary Parlor | 1 |
| 2 | 8502896 | | Gasket, Jetter, Rotary Parlor | 1 |
| 3 | 8502895 | | Distributor, Jetter, Rotary | 1 |
| 4 | 8502898 | | Cover, Jetter, Rotary Parlor | 1 |
| 5 | 8502966 | | Latch, Sliding | 1 |
| 6 | 4022465 | | Bumper, Tapered, 1.13 dia x 1.00 | 2 |
| 7 | 1011179 | ⊗ | Mscr, Hxwh, SS, Sems, 8-32 x 3/8 | 2 |
| | 1081179 | | MSCR,HXWH,SS 18-8,8-32 X 3/8 | 2 |
| 8 | 3553772 | | Tube, SS, .750 x .049 x 2.50 | 1 |
| 9 | 8513215 | | Tube, .44 x .049 x .88, SS | 4 |
| 10 | 8589313 ¹ | ⊗ | Cup, Jetter, R-Series, Short, Cs/100 | a/r |
| | 8589315 ¹ | ⊗ | Cup, Jetter, Xpress, Short, Cs/100 | a/r |
| | 8589309 ¹ | ⊗ | Cup, Jetter, Magnum, Short, Cs/100 | a/r |

Note: 1. Jetter Cups (Item 10) are not part of the 8503035 Jetter Assembly.

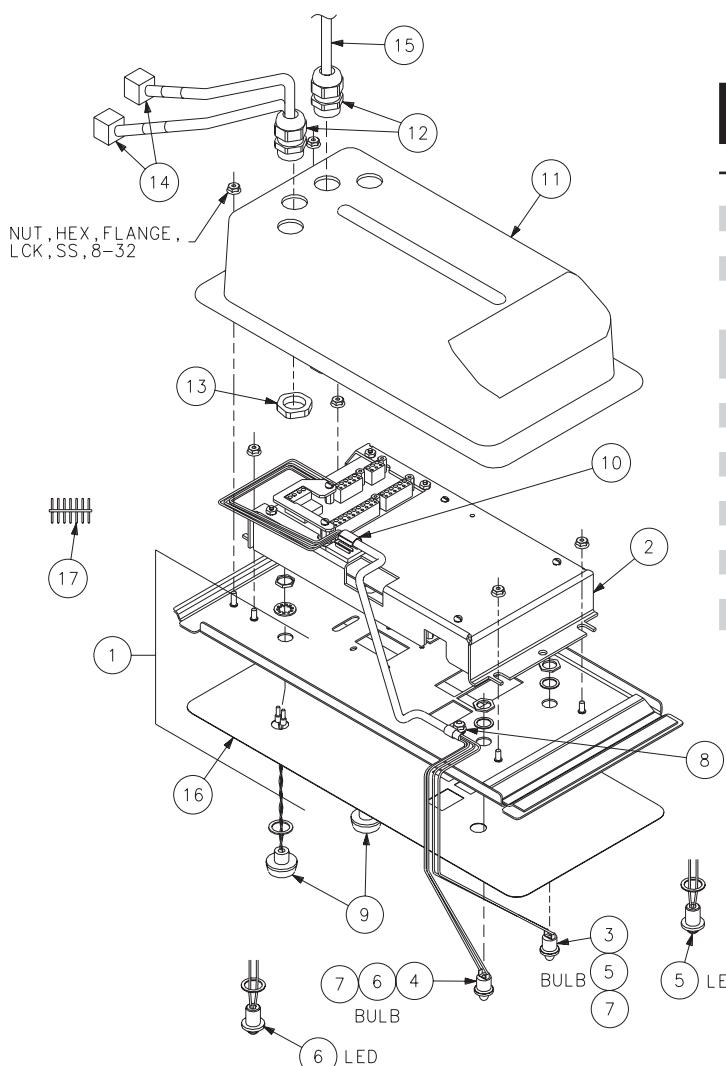
Pulley Block Assembly, Detacher



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|--------------------------------|--------------|
| 1 | 8503674 | ⊗ | Bracket Assembly, Pulley Mount | 1 |
| 2 | 8503668 | | Pulley, Cylinder | 2 |
| 3 | 8503687 | ⊗ | Pin, Clevis, SS, 5/16 x 1-1/2 | 1 |

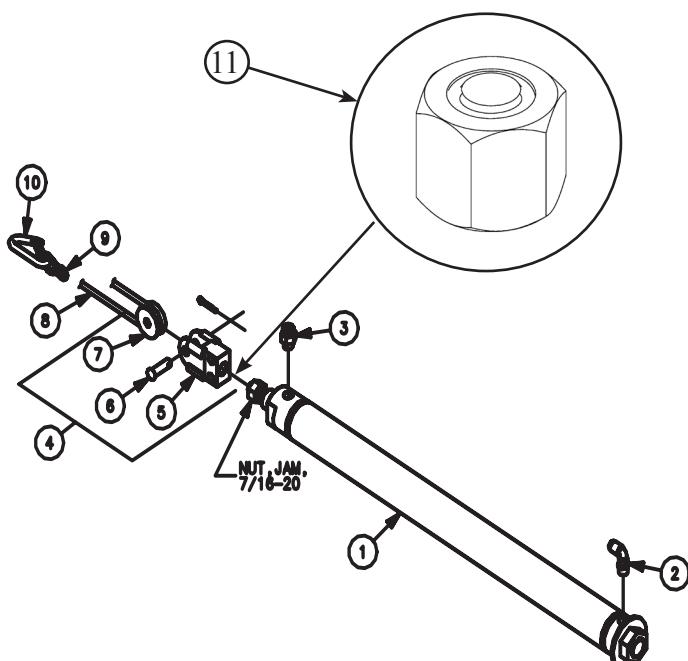
Detacher/Meter Rotary Door Assembly

Prior to 2007 Version

 SECTION **I** PAGE **7**
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| ITEM | PART NO. | ⊖=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|-----------|-----------------------------|---|-----------|
| - | 8504170 | ⊖ | Door Assy, D/M, Rotary | - |
| 1 | 8504744 | ⊖ | Door Assy, w/Label & Switches (Includes item 16) | 1 |
| 2 | 3557708 | | PWB&Brkt Assy, D/M, Perf | 1 |
| 3 | 3555919 1 | ⊖ | Socket Assy, Lamp, Red | 1 |
| 4 | 3555918 1 | ⊖ | Socket Assy, Lamp, Orange | 1 |
| 5 | 3550802 1 | | Lens, Bulb-Holder, Red | 1 |
| | 3558006 1 | | LED Indicator Assy, Red, 17" | or 1 |
| 6 | 3550804 1 | | Lens, Bulb-Holder, Amber | 1 |
| | 3558007 1 | | LED Indicator Assy, Yellow, 14" | or 1 |
| 7 | 3551812 1 | | Bulb, 28V | 2 |
| 8 | 1979202 | | Clamp, Cable, 1/4ID x .38 | 1 |
| 9 | 3557988 | | Switch, Door, Detacher, SS | 2 |
| 10 | 1914002 | | Clamp, Cable, 3/8 Dia, Adh | 1 |
| 11 | 8503040 | ⊖ | Cover, Electric, Rotary Parlor | 1 |
| 12 | 1917533 | | Conn, Str-Rif, .20-.35, 1/2 NPT | 2 |
| 13 | 1917551 | | Connector, Dome Nut, 1/2 NPT | 2 |
| 14 | 8503744 | | Cable Assy, Solenoid | 2 |
| 15 | 8503745 | | Cable Assy, Milk Meter, Rotary | 1 |
| 16 | 8504161 2 | | Label, Door, D/M, Rotary, w/Key pad (Only available as part of 8504744) | 1 |
| 17 | 3556490 | ⊖ | Connector, Hdr, 7-Pin x .1000 | 1 |

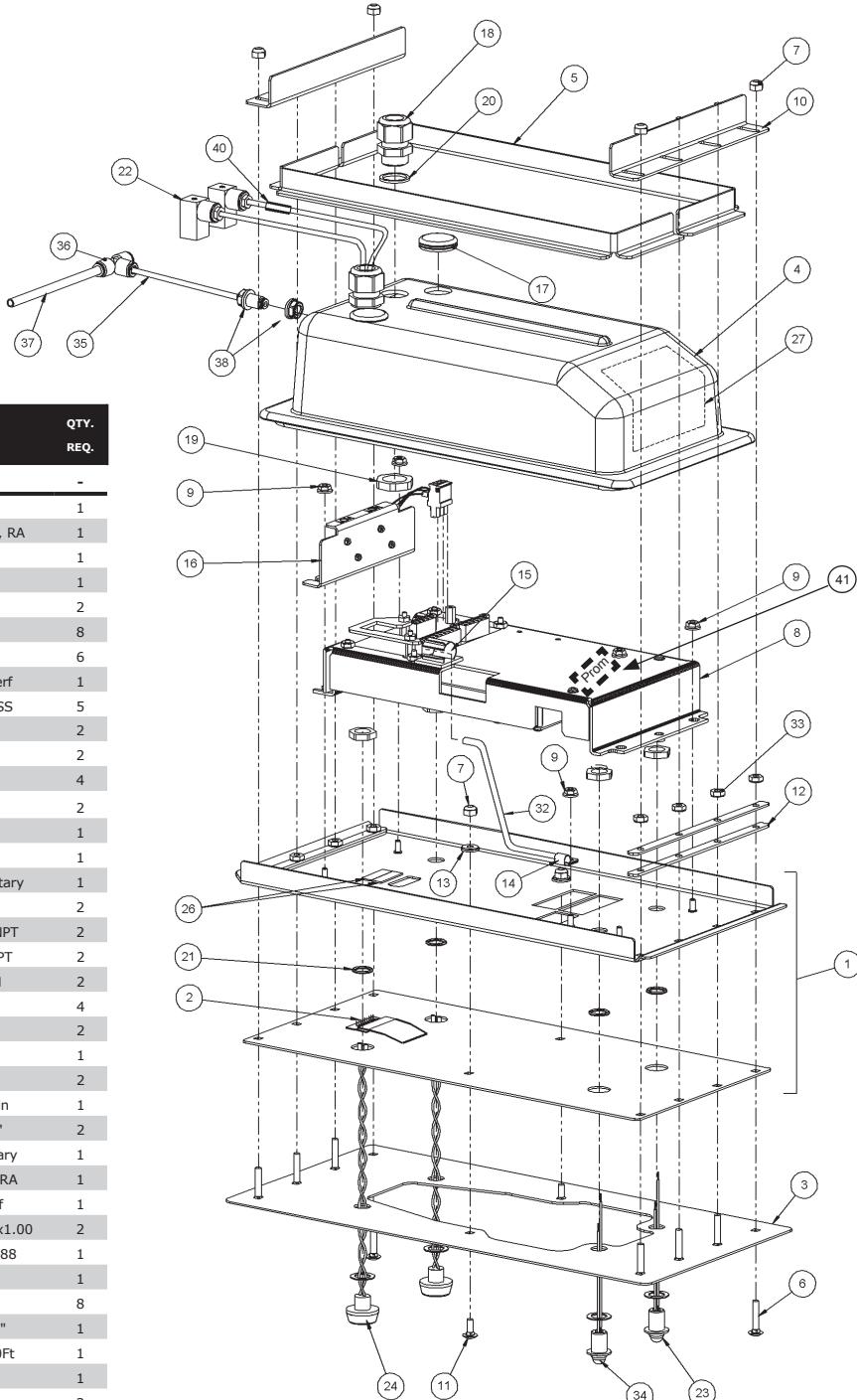
Notes: 1. When updating from bulbs to LED's, both bulbs must be changed to LED's.
LED's include Socket, Lens and Bulb.
2. P/n 8504744 is obsolete.



Detacher Cylinder Assembly

| ITEM | PART NO. | ⊖=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|-----------|-----------------------------|--|-----------|
| - | - - - - - | | Cylinder Assy, Detacher | - |
| | 8509643 | n/s | Cylinder, Air, 1.5x12.00, Internal Cabinet | 1 |
| 1 | 8581079 | | Kit, Rotary Detacher 18" Stall Mounted (Includes 8581077, cylinder only, and 8581078.) | or 1 |
| 2 | 3554451 | | Con, Swl, Elb, 5/32OD x 1/8NPT | 1 |
| 3 | 3554159 | | Conn, Push, 5/32OD x 1/8NPT | 1 |
| 4 | 8503677 | | Clevis Assy, w/Pulley (Includes item 5 thru 7) | 1 |
| 5 | 8503999 | | Clevis Assy, Air Cylinder, Rotary | 1 |
| 6 | 8504058 | | Pin, Clevis, SS, 5/16 x 1 | 1 |
| 7 | 8503668 | | Pulley, Cylinder | 1 |
| 8 | 8580140 | | Rope, Detach, Amsteel, 1/8", 90" | 1 |
| 9 | 8516326 | | Link, Break-Away, .156 | 1 |
| 10 | 3556991 | | Snap, Spring, SS, Looped | 1 |
| 11 | 8581078 | | Nut, Scraper, Rotary Detacher | 1 |

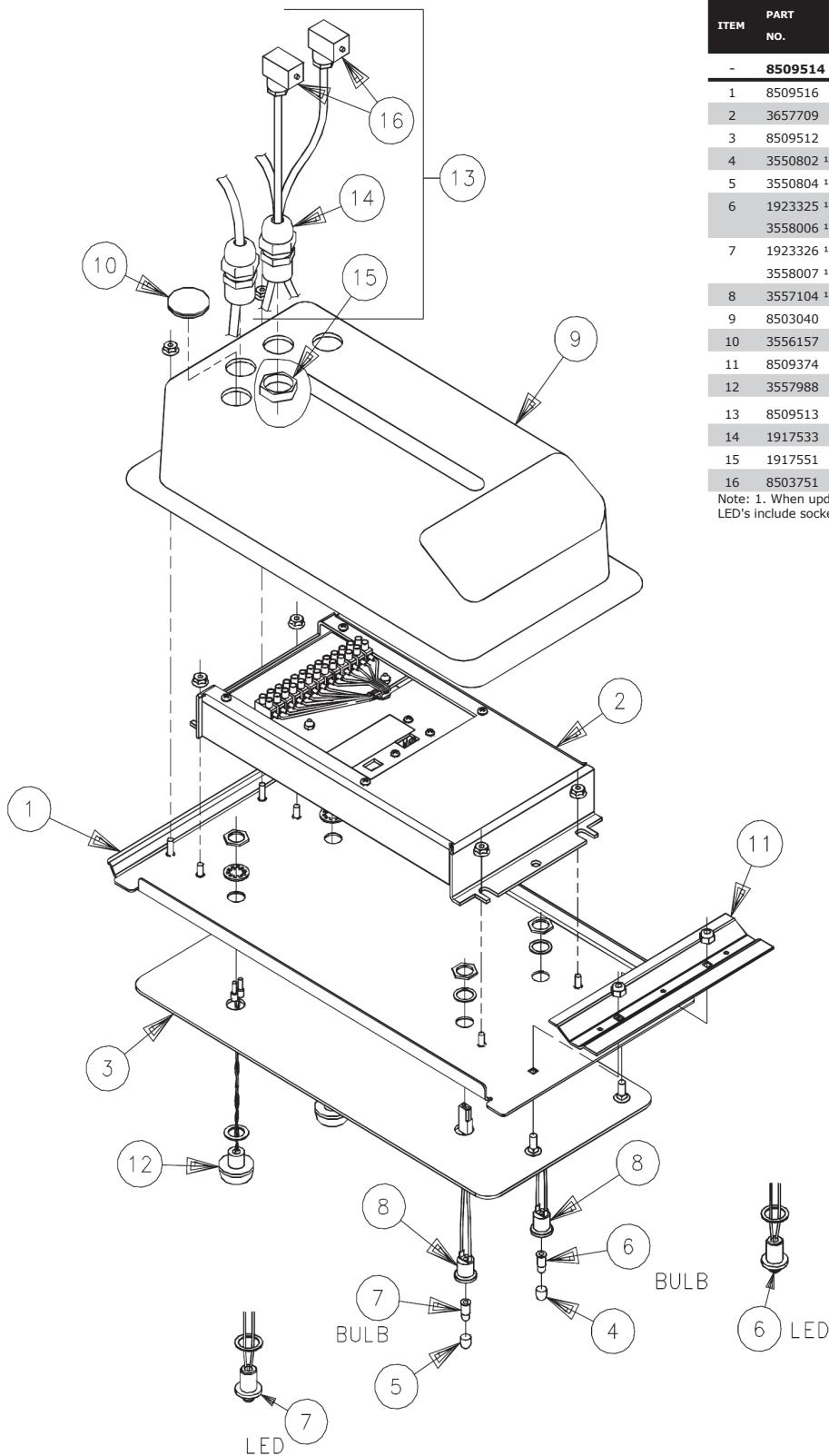
Detacher/Meter Rotary Door Assembly
Current Version



| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|----------|----------------|-------------------------------------|-----------|
| - | 8580387 | Door Assy, Rotary | - |
| 1 | 8581063 | Door Assy, Rotary, W/Label | 1 |
| 2 | 1916515 | Connector, HDR, 9-Pin x .100, RA | 1 |
| 3 | 8580382 | Door, Detacher, Rotary | 1 |
| 4 | 8580445 | Cover, Electronic, w/Gasket | 1 |
| 5 | 8580385 | Bracket, Cover | 2 |
| 6 | 1201204 | Bolt, CRG, SS, 10-24 x 1.00 | 8 |
| 7 | 1222379 | Nut, Lock, Elas, SS, 10-24 | 6 |
| 8 | 3557708 | PWB&BKT Assy, Det/Meter, Perf | 1 |
| 9 | 1225378 | Nut, Hex, Flange, Lck, 8-32, SS | 5 |
| 10 | 8580383 | Clamp, Cover | 2 |
| 11 | 1201200 | Bolt, CRG, SS, 10-24 x 1/2 | 2 |
| 12 | 8580433 | Shim, Sealing, Cover | 4 |
| 13 | 3551201 | Washer, Sealing, SS, #10 | 2 |
| 14 | 1979202 | Clamp, Cable, 1/4ID x 3/8 | 1 |
| 15 | 1914002 | Clamp, Cable, 3/8 Dia, ADH | 1 |
| 16 | 8580392 | Resistor & BKT Assy, D/M, Rotary | 1 |
| 17 | 3556157 | Grommet, Multiple, 5/32 | 2 |
| 18 | 1917533 | Conn, Str-Rlf, .20 - .35, 1/2 NPT | 2 |
| 19 | 1917551 | Connector, Dome, Nut, 1/2 NPT | 2 |
| 20 | 8580391 | O-Ring, .750ID x .07, Buna-N | 2 |
| 21 | 8580390 | O-Ring, .489 x .070, Silicone | 4 |
| 22 | 8503744 | Cable Assy, Solenoid | 2 |
| 23 | 3558006 | LED Indicator Assy, Red, 17" | 1 |
| 24 | 3557988 | Switch, Door, Detachers, SS | 2 |
| 25 | 8580430 | Wire Harness, Det/Meter, 2-Pin | 1 |
| 26 | 3557149 | Tape, Double Adhsv, 1/2" x 1" | 2 |
| 27 | 8580389 | ⊗ Nameplate, Det IM, D/M, Rotary | 1 |
| 28 | 1916515 | Connector, Hdr, 9-Pin x .100, RA | 1 |
| 29 | 3555380 | Lubricant, Grease, Waterproof | 1 |
| 30 | 0200306 | ⊗ Cntrnr,Pad,Foam,11.00x8.50x1.00 | 2 |
| 31 | 0201346 | Cntrnr,RSC, 17.00 x 7.88 x 5.88 | 1 |
| 32 | 1939519 | Insulator, Sleeve, PVC | 1 |
| 33 | 1219379 | Nut, Hex, Keps, SS, 10-24 | 8 |
| 34 | 3558007 | Led Indicator Assy, Yellow, 17" | 1 |
| 35 | 3554115 | Hose, Nyl, Nat, 5/32OD x 100Ft | 1 |
| 36 | 3558635 | Conn, Push, Tee, 1/4 x 5/32 | 1 |
| 37 | 8519183 | Tube, Nylon, .25 x .035 | 2 |
| 38 | 8581035 | Connector Bulkhead, 5/32 | 1 |
| 39 | 1913831 | Chemical, Sealant, Sil, SS-6001 | 1 |
| 40 | 1939324 | Insulator, Sleeve, H-SHK, 1/4, Yel | 1 |
| 41 | 3656896 | ⊗ Prom, D/M, Perf. (Smart ID, 5.XX) | 1 |
| | 3659179 | ⊗ Prom, W/O Carrier, DM (5.XX) | 1 |

Rotary 4600D Door Assembly

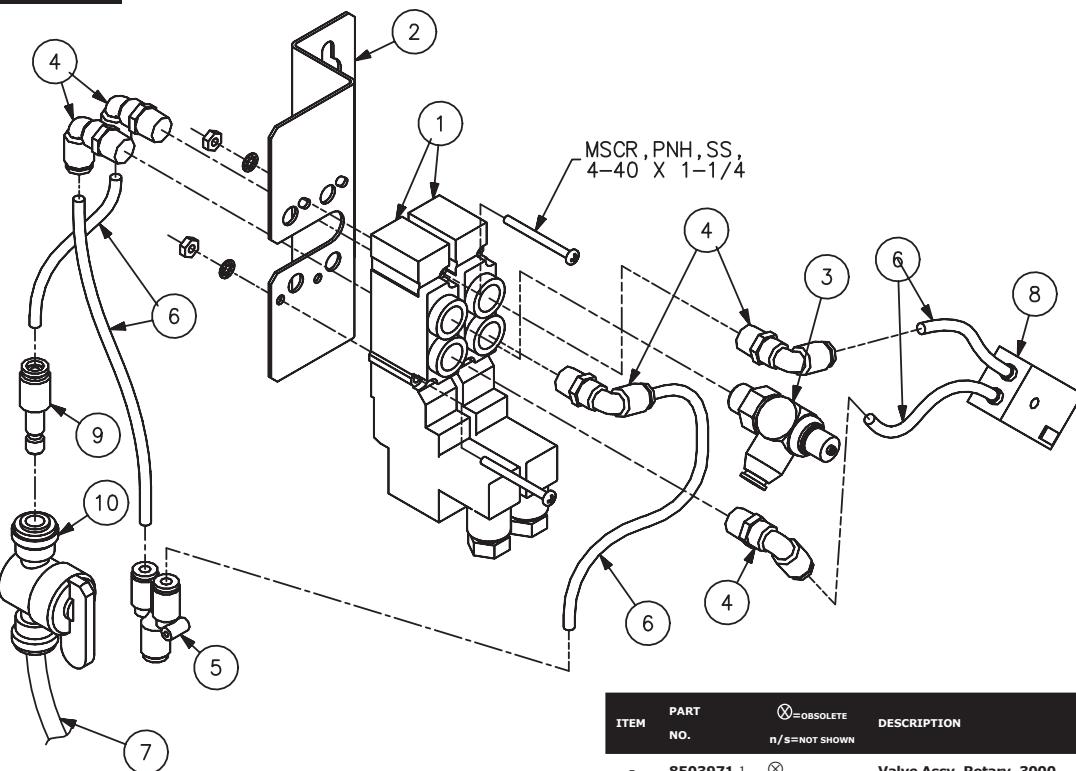
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| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|------|----------------------|---|-----------|
| - | 8509514 | Door Assy, 4600D, Rotary | - |
| 1 | 8509516 | Door Assy, w/Studs, Rotary, 4600D | 1 |
| 2 | 3657709 | *PWB & Blkt Assy, D/O, DDSS | 1 |
| 3 | 8509512 | Label, Door, D/O, Rotary | 1 |
| 4 | 3550802 ¹ | Lens, Bulb-Holder, Red | 1 |
| 5 | 3550804 ¹ | Lens, Bulb-Holder, Amber | 1 |
| 6 | 1923325 ¹ | Diode, LED, Red, 28V | 1 |
| | 3558006 ¹ | LED Indicator Assy, Red, 17" | or 1 |
| 7 | 1923326 ¹ | Diode, LED, Yel, 28V | 1 |
| | 3558007 ¹ | LED Indicator Assy, Yellow, 14" | or 1 |
| 8 | 3557104 ¹ | Socket Assy, Lamp, 4400 | 2 |
| 9 | 8503040 | Cover, Electric, Rotary Parlor | 1 |
| 10 | 3556157 | Grommet, Multiple, 5/32 | 1 |
| 11 | 8509374 | Bracket, Door, Rotary | 1 |
| 12 | 3557988 | Switch, Door, Detacher, SS | 2 |
| 13 | 8509513 | Wire Harness, 4600D, Rotary (Includes Items 14 thru 16) | 1 |
| 14 | 1917533 | Conn, Str-Rif., 20-.35, 1/2 NPT | 2 |
| 15 | 1917551 | Connector, Dome, Nut 1/2 NPT | 2 |
| 16 | 8503751 | Connector, Din, Solenoid | 2 |

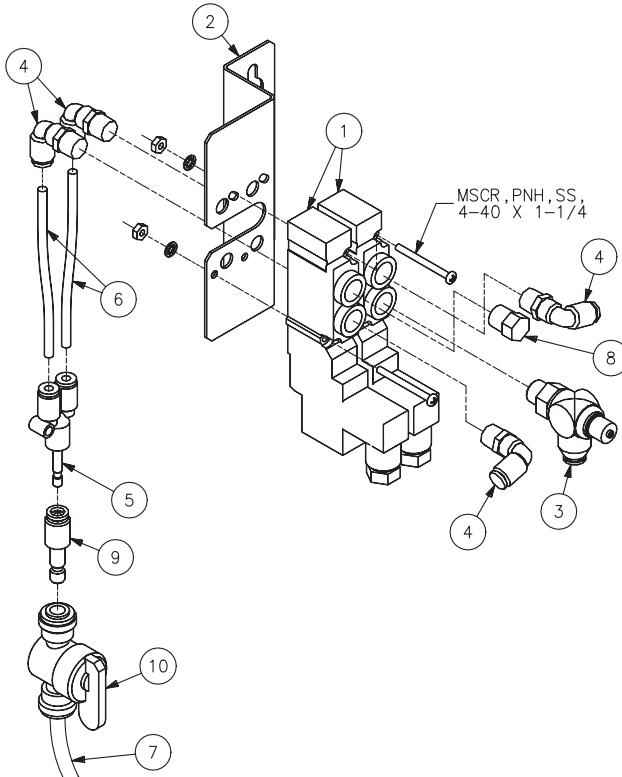
Note: 1. When updating from bulbs to LED's, both bulbs must be changed to LED's. LED's include socket, lens and bulb.

3000M Rotary Valve Assembly



| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|----------|----------------------|----------------------------------|-----------|
| - | 8503971 ¹ | Valve Assy, Rotary, 3000 | - |
| 1 | 3557108 | Valve, 4-Way, Air, Low Power | 2 |
| 2 | 8503870 | Bracket, Mtg, Valve, Rotary | 1 |
| 3 | 3554444 | Valve, Control, Flow, 1/8 NPT | 1 |
| 4 | 3554451 | Conn, Swl, Elb, 5/32OD x 1/8NPT | 1 |
| 5 | 8507088 | Conn, Push, Union Y, 5/32 | 1 |
| 6 | 3554439 | Hose, Nyl, Blk, 5/32OD x 100 Ft | a/r |
| 7 | 8519183 | Tube, Nylon, .25 x .035 | a/r |
| 8 | 8590304 | Valve, Air, Logic Or | 1 |
| 9 | 8507259 | Conn, Push, Rdcr, 5/32 x 1/4Tube | 1 |
| 10 | 8504019 | Valve, Ball, PP, 1/4 Push | 1 |

Note: 1. Valve assembly 8503971 replaced by valve assembly 3557997. See page F-21 for repair parts.



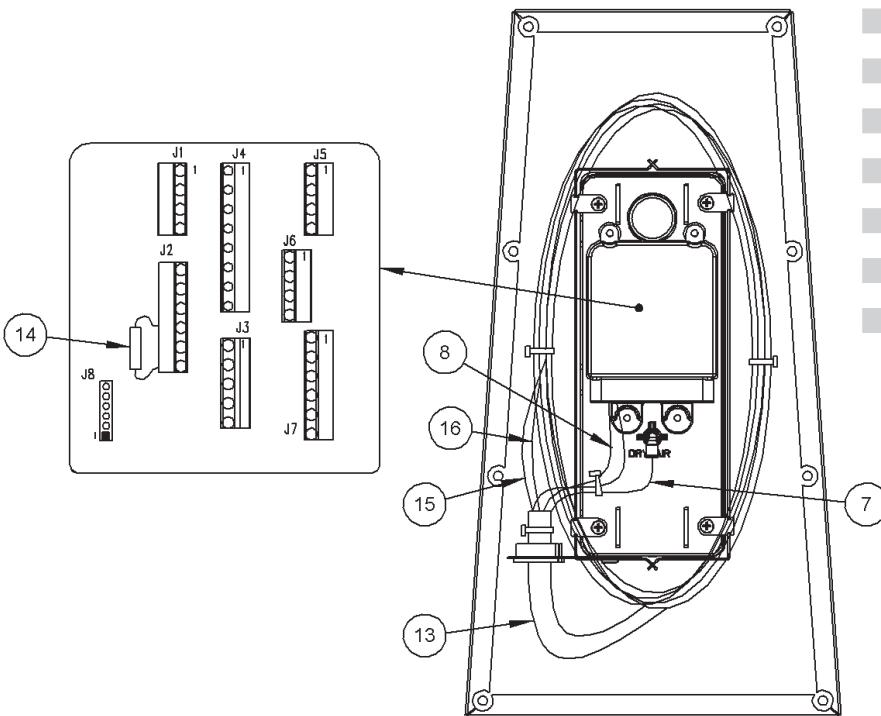
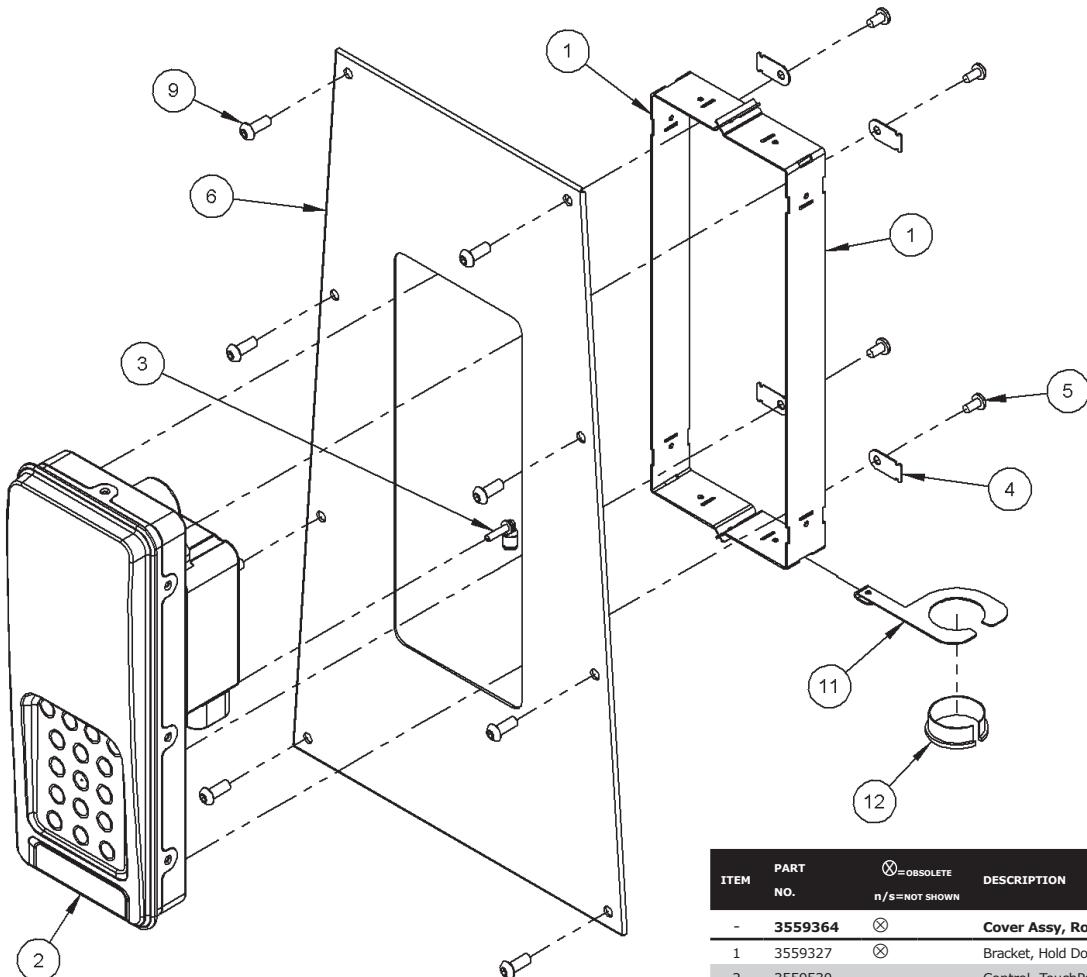
4400D Rotary Valve Assembly

| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|----------|----------------------|-----------------------------------|-----------|
| - | 8503972 ¹ | Valve Assy, Rotary, 4400 | - |
| 1 | 3557108 | Valve, 4-Way, Air, Low Power | 2 |
| 2 | 8503870 | Bracket, Mtg, Valve, Rotary | 1 |
| 3 | 3554444 | Valve, Control, Flow, 1/8 NPT | 1 |
| 4 | 3554451 | Conn, Swl, Elb, 5/32OD x 1/8NPT | 4 |
| 5 | 8590279 | Conn, Push, Plug-in Y, 5/32 | 1 |
| 6 | 3554439 | Hose, Nyl, Blk, 5/32OD x 100 Ft | a/r |
| 7 | 8519183 | Tube, Nylon, .25 x .035 | a/r |
| 8 | 1431240 | Plug, Hex Hd, Brass, 1/8 | 1 |
| 9 | 8507259 | Conn, Push, Rdcr, 5/32 x 1/4 Tube | 1 |
| 10 | 8504019 | Valve, Ball, PP, 1/4 Push | 1 |

Note: 1. Valve assembly 8503972 replaced by valve assembly 3557997. See page F-21 for repair parts.

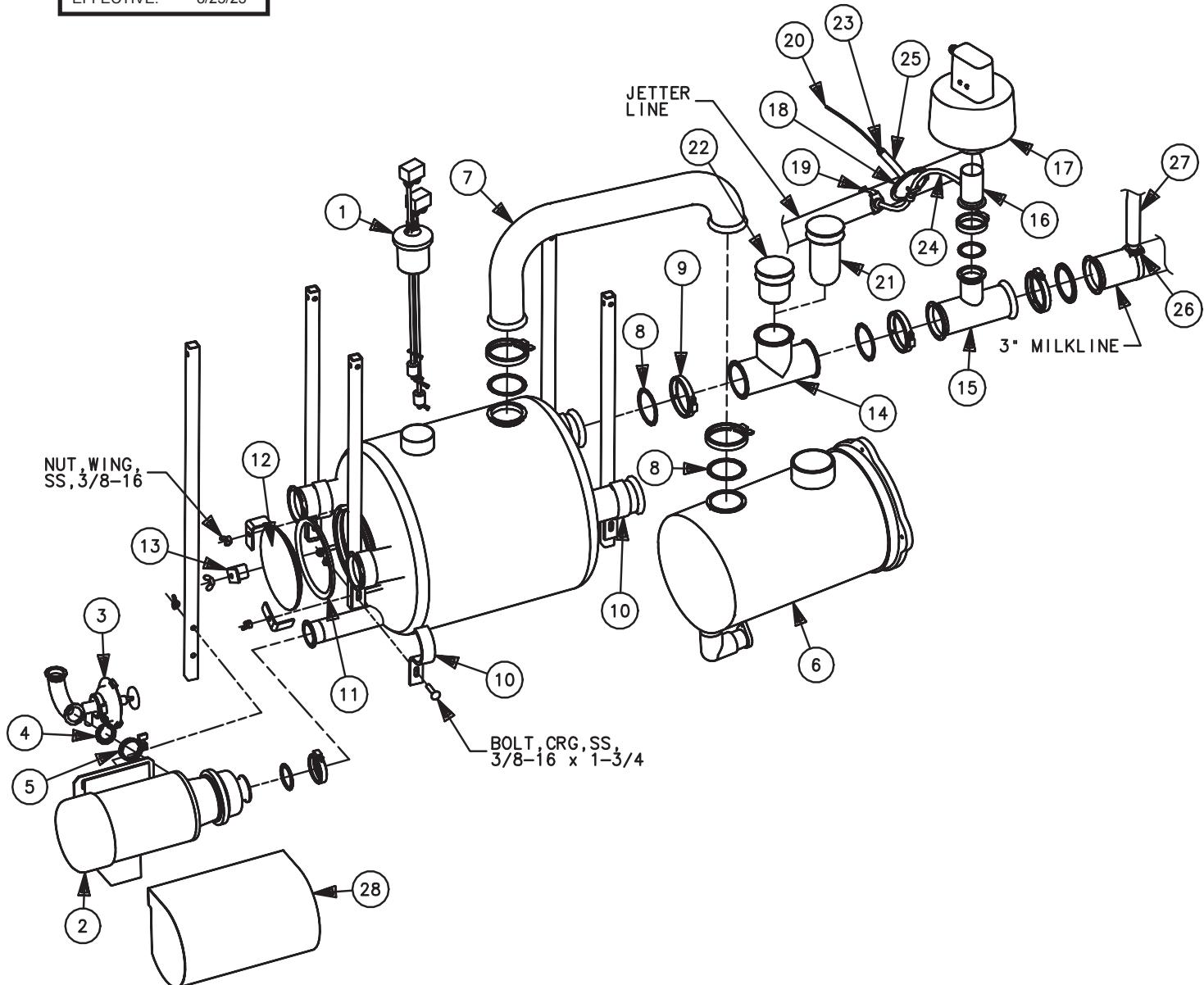
TouchPoint V Rotary Detacher Assembly

| | |
|------------------------|------------|
| SECTION I | PAGE 11 |
| EFFECTIVE: 12/15/09 | |



| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|----------|----------|-----------------------------------|-----------|
| - | 3559364 | Cover Assy, Rotary, T-Point V | - |
| 1 | 3559327 | Bracket, Hold Down, T-Point | 2 |
| 2 | 3559530 | Control, TouchPoint | 1 |
| 3 | 8504215 | Conn, Elbow, Push-Im, 5/32 | 1 |
| 4 | 3559326 | Bracket, Clamp, T-Point | 4 |
| 5 | 3559350 | MSCR, PNH, SS, M5 X 6 | 4 |
| 6 | 8581562 | Cover, T-Point, Cabinet, Xcal 360 | 1 |
| 7 | 3554530 | Hose, Nyl, Yel, 5/32 OD x 100Ft | a/r |
| 8 | 3559857 | Cable Assy, DC Power, F, 15 Ft | 1 |
| 9 | 8581734 | CSCR, BTH, SS, M5-1.0 X 16 | 8 |
| 10 | 8507015 | Conn,Swl,Elb, 5/32 OD X 1/4 NPT | 1 |
| 11 | 3559369 | Clip, Wire T-Point, Rotary | 1 |
| 12 | 3558490 | Bushing, Open/Closed, 1.25 Mtg | 1 |
| 13 | 3558497 | Tubing, Split, 3/4 ID | a/r |
| 14 | 3557453 | Termination, Prism | 1 |
| 15 | 3554440 | Hose, Grn, 5/32, OD x 100 Ft | a/r |
| 16 | 3554174 | Hose, Red, 5/32, OD x 100 Ft | a/r |

Rotary Receiver Group Assembly



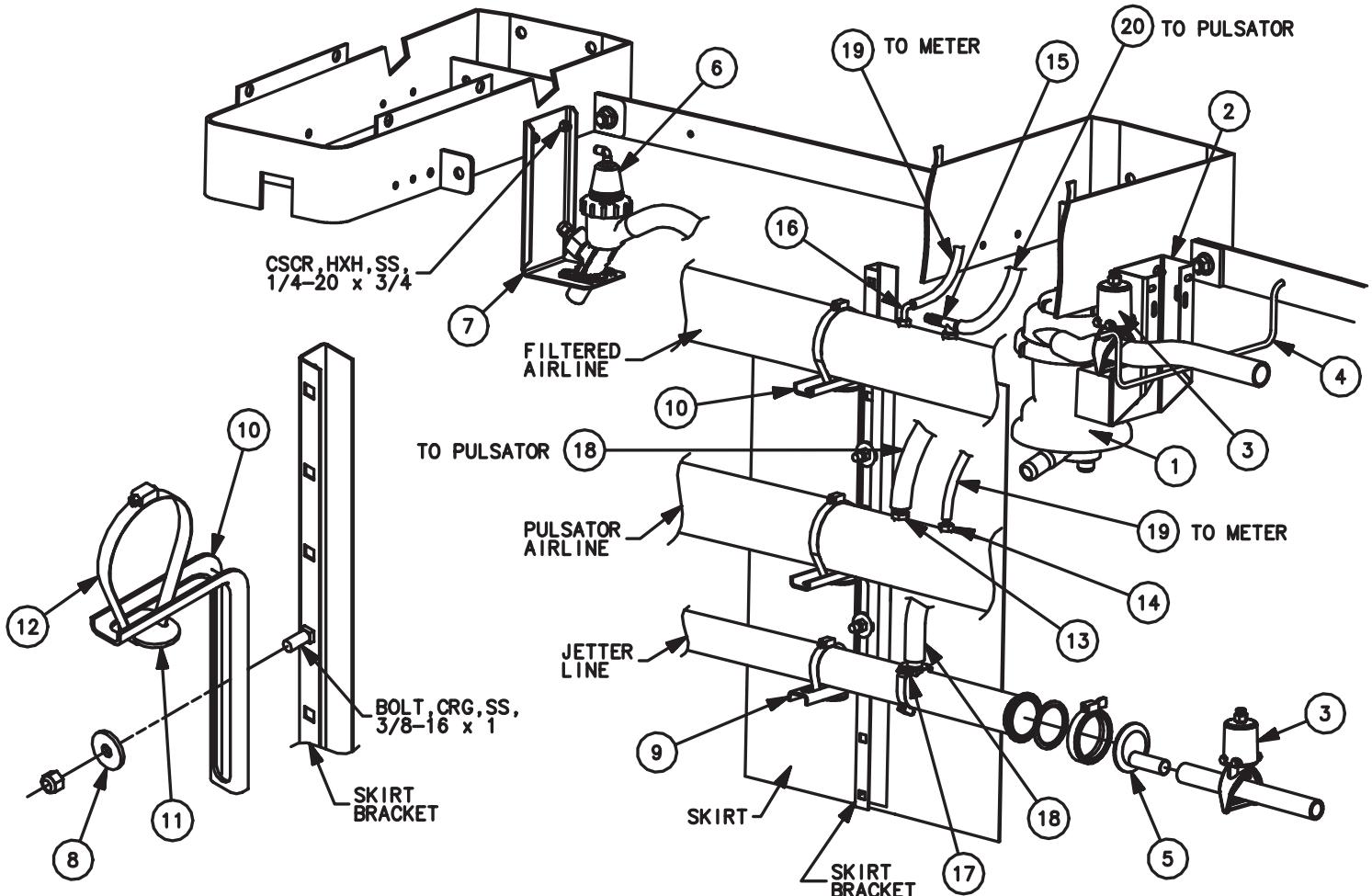
| ITEM NO. | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|----------|----------------------|-----------------------------|---|-----------|
| - | | | Rotary Receiver Group Assembly | - |
| 1 | 8503779 | ⊗ | Probe Assy, 3", Rotary (Parts on page C-28.) | 1 |
| 2 | 8507467 | | Pump, 2Hp, Washdown, LH | 1 |
| | 8509371 ¹ | | Pump, 3Hp, 3ph, CCW, 230/460V, 60Hz (Pump parts on page C-31.) | 1 |
| 3 | 8511967 | | Valve Assy, Drain (Parts on page C-32.) | 1 |
| 4 | 8515506 | | Valve, Flapper, Rbr, 1.5" | 1 |
| 5 | 8507938 | | Clamp, Hinged, 1.5: Heavy Duty | 1 |
| 6 | 8518842 | | Trap Assy, Sanitary, 3 In, SS | 1 |
| | 8518605 | | Trap Assy, Sanitary, 4 In, SS (Trap parts on page C-38.) | or 1 |
| 7 | 8503700 | ⊗ | Elbow, Trap, 3.00, Rotary | 1 |
| | 8503829 | ⊗ | Elbow, Trap, 4.00, Rotary | or 1 |
| | 8509593 | | Elbow, Trap, 4.00, Bsmt | or 1 |
| 8 | 8500331 | | Gasket, Tri-Clamp, 3 In | a/r |
| 9 | 8507966 | | Clamp, Band, SS, 3 In | a/r |
| 10 | 8503741 | | Bracket, Milkline, 3" | a/r |
| 11 | 8591043 | ⊗ | Gasket, Lid, Receiver | 1 |
| 12 | 8501393 | | Lid, Plexiglass, Rcvr, RP-60 | 1 |
| 13 | 8501398 | | Bracket, Lid | 3 |

| ITEM NO. | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|----------|----------------------|-----------------------------|---|-----------|
| 14 | 8508025 | ⊗ | Tee, Plastic, 3.0,w/Inst Pk | 2 |
| 15 | 8501242 | | Tee, Rdcr, SS, 3x3x2, Clp | 2 |
| 16 | 8504002 | | Adapter, Mounting, Air Inj | 2 |
| 17 | 8503938 | | Air Inj Assy, Cyclone 610, Fil (Parts on page C-44.) | 2 |
| 18 | 8503894 | | Valve, Drain, Vacuum, 3/8 Hose | 2 |
| 19 | 8517530 | | Nipple Assy, 1/4 Hose (Parts on page C-62.) | 2 |
| 20 | 3554439 | | Hose, Nyl, blk, 5/32 OD x 100Ft | a/r |
| 21 | 8512923 | | Plug, Int, Plstc, Wash, 3.00, Lg | 2 |
| 22 | 8512924 | | Plug, Int, Plstc, Milk, 3.00, Shrt | 2 |
| 23 | 8507091 | | Conn, Push, Union, 5/32 | 2 |
| 24 | 8506904 ² | ⊗ | Hose, Vinyl, .25 x .125W, Blk/Wht | a/r |
| | 41603932C | | Tube, Vacuum, Single, 9/32" X 100 Ft | a/r |
| 25 | 8506805 | | Hose, Vinyl, .38 x .125W, Blk/Wht | a/r |
| 26 | 8516041 | | Nipple Assy, Str, 3/4 ID (Parts on page C-61.) | 1 |
| 27 | 8516039 | | Hose, Milk, Silicone, 3/4 ID x 100 Ft | a/r |
| 28 | 8507463 | | Cover Assy, MP, 2 Hp, CCW, Vert | 1 |

Notes:
 1. Pump Assembly, 3Hp used on 80 cow rotaries only.
 2. Replaced by 40163932C. Note that this is a 100-foot roll.

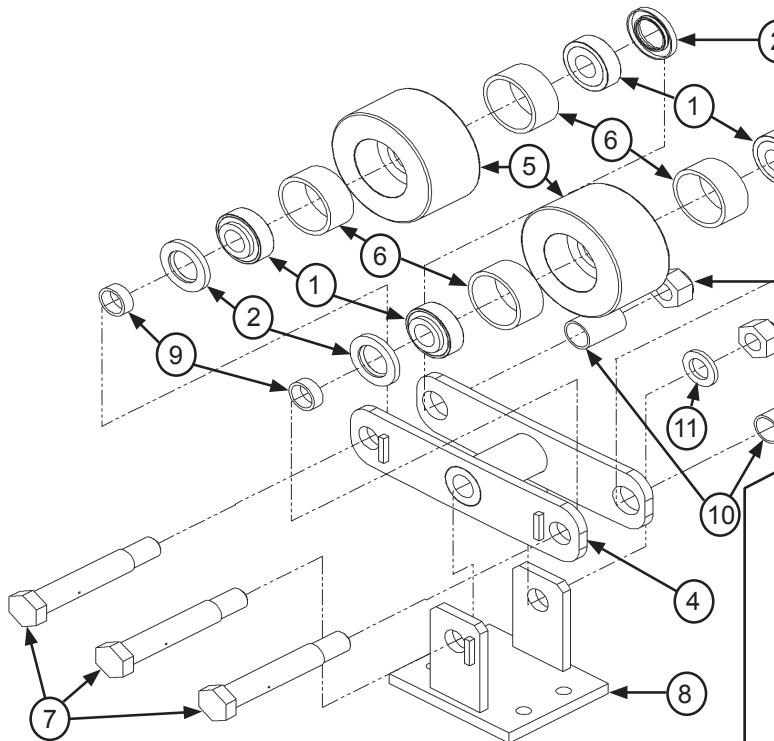
Rotary Brackets & Fittings

| | |
|-----------------------|------------|
| SECTION I | PAGE 13 |
| EFFECTIVE: 9/15/03 | |



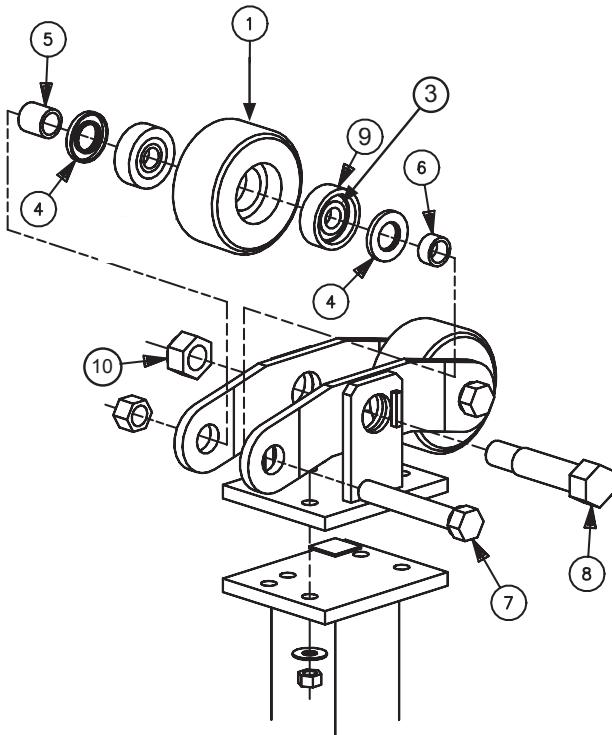
| ITEM NO. | PART NO. | X = OBSOLETE n/s = NOT SHOWN | DESCRIPTION | | QTY. REQ. |
|-------------|-------------|---------------------------------|---|-----|--------------|
| | | | Rotary Brackets & Fittings | | |
| - | - | - | Meter Assy, RH, Perfection (Parts on page D-113) | 1 | - |
| 1 | 3555726 | | | | |
| 2 | 8504214 | X | Bracket, Mtg, Meter Rotary | 1 | |
| 3 | 3557771 | | Valve Assy, Pinch, 3/4" | 1 | |
| 4 | 8503897 | X | (Parts on page D-46) | | |
| 5 | 8503785 | | Support, Hose, Shutoff, Rotary | 1 | |
| | 8507969 | X | Cap, End, w/Tubulation, 2.5 x .75 | 1 | |
| | | | Cap, End, w/Tubulation, 2.0 x .75 | 1 | |
| | | | Sensor Assy, w/Nipple, Air | 1 | |
| | | | (Parts on page D-132) | | |
| 6 | 3558011 | | | | |
| 7 | 8503871 | | Bracket, Sensor/Shutoff, Rotary | 1 | |
| 8 | 8503763 | | Wshtr, SS, .406 x 1.25 x .135 | 2 | |
| 9 | 8503754 | | Bracket, U-Hanger, SS | 1 | |
| 10 | 8503760 | | Bracket, L-Hanger, SS | 1 | |
| 11 | 8503762 | | Clip, Retainer, SS | 3 | |
| 12 | 8510105 | | Clamp, Hose, SS, #56, 2.13-4.00 | 3 | |
| 13 | 3553278 | | Adapter, 5/8 Hose x 3/8 NPT | 1 | |
| 14 | 8512906 | | Adapter, 1/4 Hose, x 1/4 NPT | 1 | |
| 15 | 4088277 | X | Tee, Nyl, Male, Branch, 3/8 | 1 | |
| 16 | 3556483 | | Elbow, 90, Nyl, 1/4 NPT x 1/4 Hose | 1 | |
| 17 | 8511510 | | Nipple Assy, Str, 5/8 ID | 1 | |
| | | | (Parts on page C-46) | | |
| 18 | 8507234 | | Hose, PVC, Reinf, 3/8 ID x 100Ft | a/r | |
| 19 | 3556372 | | Hose, Silicone, .25 x .09 Wall | a/r | |
| 20 | 8506805 | | Hose, Vinyl, .38 x .125W, Blk | a/r | |

Heavy Duty 4" Nylon Tandem Roller Assy



Nylon Tandem Rotary Roller Assembly

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|------------------------------------|-----------|
| | 8513164 | ⊗ | Wheel Assy, Tandem, 40 Stall | - |
| | 8513465 | ⊗ | Wheel Assy, Tandem, 50 Stall | - |
| | 8513166 | ⊗ | Wheel Assy, Tandem, 60 Stall | - |
| | 8513167 | ⊗ | Wheel Assy, Tandem, 72 Stall | - |
| | 8513168 | ⊗ | Wheel Assy, Tandem, 60 Stall, Jr | - |
| | 8513169 | ⊗ | Wheel Assy, Tandem, 72 Stall, Jr | - |
| 1 | 8513164 | | Wheel, Tandem, Nylon, 40 Stall | 2 |
| 1 | 8513165 | ⊗ | Wheel, Tandem, Nylon, 50 Stall | or 2 |
| 1 | 8513166 | ⊗ | Wheel, Tandem, Nylon, 60 Stall | or 2 |
| 1 | 8513167 | ⊗ | Wheel, Tandem, Nylon, 72 Stall | or 2 |
| 1 | 8513168 | ⊗ | Wheel, Tandem, Nylon, 60 Stall, Jr | or 2 |
| 1 | 8513169 | ⊗ | Wheel, Tandem, Nylon, 72 Stall, Jr | or 2 |
| 3 | 8513170 | ⊗ | Bearing, Tandem, 30306, 30mm ID | 4 |
| 4 | 8513311 | ⊗ | Seal, 42 x 72 x 8 MM | 4 |
| 5 | 8513173 | ⊗ | Spacer, Tandem, Large | 2 |
| 6 | 8513172 | ⊗ | Spacer, Tandem, Small | 2 |
| 7 | 8513171 | ⊗ | Axle, Tandem, 30mm | 2 |
| 8 | 8509154 | | Axle, 40mm Shaft, HD | 1 |
| 9 | 8580034 | ⊗ | Bushing, Bearing | 4 |
| 10 | 8503892 | ⊗ | Nut, Lock, Elas, M36-4mm | 1 |

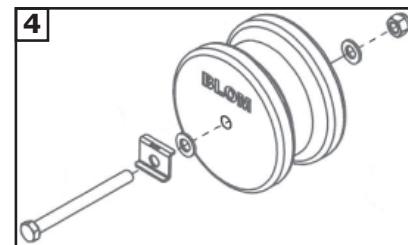
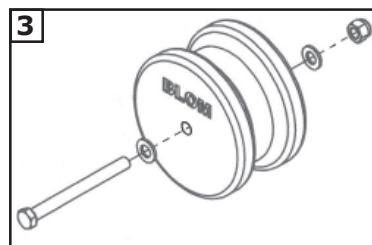
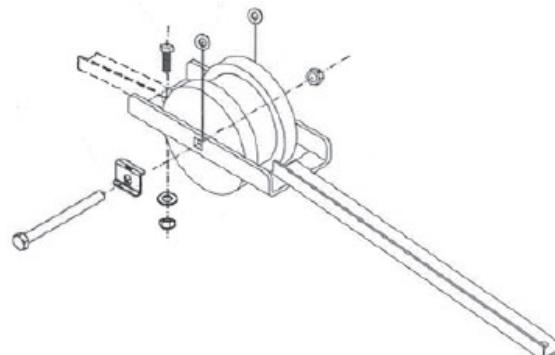
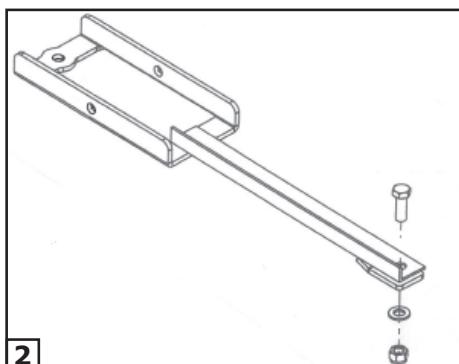
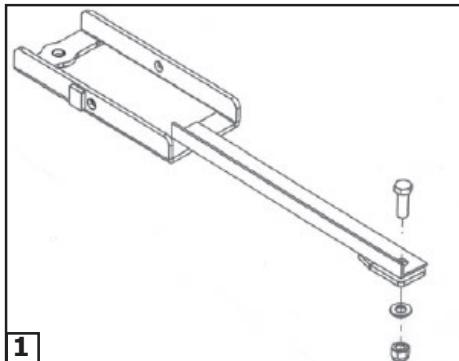


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|--------------------------------------|-----------|
| | 8514145 | ⊗ | Roller Assy, 40 Tandem, 4" HD | 145 |
| | 8513539 | | Roller Assy, 50 Tandem, 4" HD | 539 |
| | 8513542 | ⊗ | Roller Assy, 60 Tandem, 4" HD | 542 |
| | 8513543 | ⊗ | Roller Assy, 72 Tandem, 4" HD | 543 |
| 1 | 8509157 | | Bearing, 40 x 90 35.25 MM | 4 4 4 4 |
| 2 | 8509156 | | Seal, 55 x 90 x 10 MM | 4 4 4 4 |
| 3 | 8503982 | ⊗ | Nut, Lock, Elas, M36 - 4 MM | 3 3 3 3 |
| 4 | 8514146 | ⊗ | Plate Assy, 40 Tandem, 4" HD | 1 - - - |
| | 8513537 | ⊗ | Plate Assy, 50 Tandem, 4" HD | - 1 - - |
| | 8513551 | ⊗ | Plate Assy, 60 Tandem, 4" HD | - - 1 - |
| | 8513552 | ⊗ | Plate Assy, 72 Tandem, 4" HD | - - - 1 |
| 5 | 8514149 | ⊗ | Wheel, Roller, 40 Stall, 4" HD | 1 - - - |
| | 8513534 | ⊗ | Wheel, Roller, 50 Stall, 4" HD | - 1 - - |
| | 8513540 | ⊗ | Wheel, Roller, 60 Stall, 4" HD | - - 1 - |
| | 8513541 | ⊗ | Wheel, Roller, 72 Stall, 4" HD | - - - 1 |
| 6 | 8513535 | ⊗ | Bushing, Bearing, 4.13 x 3.54 x 1.81 | 4 4 4 4 |
| 7 | 8513536 | | Axle, 40 MM Shaft, Tandem, 4" HD | 3 3 3 3 |
| 8 | 8513531 | ⊗ | Fork Assy, Tandem, 4" HD | 1 1 1 1 |
| 9 | 8513532 | ⊗ | Spacer, Bushing, 2.00 x 1.614 x 0.80 | 2 2 2 2 |
| 10 | 8513533 | ⊗ | Spacer, Bushing, 2.00 x 1.62 x 2.87 | 2 2 2 2 |
| 11 | 8514140 | ⊗ | Spacer, Pivot, Tandem Roller | 1 1 1 1 |

Xcalibur, Daytona & Streamline Rotary Roller Assembly

SECTION I
EFFECTIVE: 7/7/23

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| ITEM | PART NO. | Obsolete n/s=NOT SHOWN | DESCRIPTION | No. of Rollers Included in Kit | QTY. REQ. | ITEM | PART NO. | Obsolete n/s=NOT SHOWN | DESCRIPTION | No. of Rollers Included in Kit | QTY. REQ. |
|-------------------|----------|------------------------|------------------------------|--------------------------------|-----------|------|----------|------------------------|-------------|--------------------------------|-----------|
| 2009 and later | | | | | | | | | | | |
| | 8595328 | | FRAME,KIT,ROTARY,XCAL,36 | a/r | | | 3 | 8594304 | | ROLLER KIT,ROTARY,XCAL,36 | 68 1 |
| | 8595327 | | FRAME,KIT,ROTARY,XCAL,40 | a/r | | | 8594303 | | | ROLLER KIT,ROTARY,XCAL,40 | 76 1 |
| | 8595326 | | FRAME,KIT,ROTARY,XCAL,44 | a/r | | | 8594302 | | | ROLLER KIT,ROTARY,XCAL,44 | 84 1 |
| | 8595325 | | FRAME,KIT,ROTARY,XCAL,50 | a/r | | | 8594301 | | | ROLLER KIT,ROTARY,XCAL,50 | 95 1 |
| 1 □ | 8595324 | | FRAME,KIT,ROTARY,XCAL,60 | a/r | | | 8594300 | | | ROLLER KIT,ROTARY,XCAL,60 | 114 1 |
| | 8595323 | | FRAME,KIT,ROTARY,XCAL,72 | a/r | | | 8594299 | | | ROLLER KIT,ROTARY,XCAL,72 | 137 1 |
| | 8595322 | | FRAME,KIT,ROTARY,XCAL,80 | a/r | | | 8594298 | | | ROLLER KIT,ROTARY,XCAL,80 | 152 1 |
| | 8595321 | | FRAME,KIT,ROTARY,XCAL,90 | a/r | | | 8595329 | | | ROLLER KIT,ROTARY,XCAL,90 | 171 1 |
| | 8595320 | | FRAME,KIT,ROTARY,XCAL,100 | a/r | | | 8594297 | | | ROLLER KIT,ROTARY,XCAL,100 | 190 1 |
| | 8595319 | | FRAME,KIT,ROTARY,XCAL,110 | a/r | | | 8594296 | | | ROLLER KIT,ROTARY,XCAL,110 | 209 1 |
| earlier than 2009 | | | | | | | | | | | |
| | 8595312 | | FRAME,KIT,LEGACY,XCAL/STR,32 | a/r | | | 4 | 8594311 | | ROLLER KIT,LEGACY,XCAL/STR,32 | 52 1 |
| | 8595331 | | FRAME,KIT,LEGACY,XCAL/STR,36 | a/r | | | 8594310 | | | ROLLER KIT,LEGACY,XCAL/STR,40 | 66 1 |
| | 8595311 | | FRAME,KIT,LEGACY,XCAL/STR,40 | a/r | | | 8594309 | | | ROLLER KIT,LEGACY,XCAL/STR,44 | 72 1 |
| | 8595310 | | FRAME,KIT,LEGACY,XCAL/STR,44 | a/r | | | 8594308 | | | ROLLER KIT,LEGACY,XCAL/STR,50 | 83 1 |
| | 8595309 | | FRAME,KIT,LEGACY,XCAL/STR,50 | a/r | | | 8594307 | | | ROLLER KIT,LEGACY,XCAL/STR,60 | 100 1 |
| | 8595308 | | FRAME,KIT,LEGACY,XCAL/STR,60 | a/r | | | 8594306 | | | ROLLER KIT,LEGACY,XCAL/STR,72 | 120 1 |
| 2 □ | 8595307 | | FRAME,KIT,LEGACY,XCAL/STR,72 | a/r | | | 8594305 | | | ROLLER KIT,LEGACY,XCAL/STR,80 | 132 1 |
| | 8595306 | | FRAME,KIT,LEGACY,XCAL/STR,80 | a/r | | | 8594295 | | | ROLLER KIT,RMS-X,DAYTONA,30 | 50 1 |
| | 8595318 | | FRAME,KIT,RMS-X,DAYTONA,30 | a/r | | | 8594294 | | | ROLLER KIT,RMS-X,DAYTONA,40 | 66 1 |
| | 8595317 | | FRAME,KIT,RMS-X,DAYTONA,40 | a/r | | | 8594293 | | | ROLLER KIT,RMS-X,DAYTONA,50 | 83 1 |
| | 8595316 | | FRAME,KIT,RMS-X,DAYTONA,50 | a/r | | | 8594292 | | | ROLLER KIT,RMS-X,DAYTONA,60 | 100 1 |
| | 8595315 | | FRAME,KIT,RMS-X,DAYTONA,60 | a/r | | | 8594291 | | | ROLLER KIT,RMS-X,DAYTONA,72 | 120 1 |
| | 8595314 | | FRAME,KIT,RMS-X,DAYTONA,72 | a/r | | | 8594290 | | | ROLLER KIT,RMS-X,DAYTONA,80 | 132 1 |
| | 8595313 | | FRAME,KIT,RMS-X,DAYTONA,80 | a/r | | | | | | | |

Note:

- One (1) frame kit will replace only one (1) frame, not all the frames on the rotary. It is not necessary to replace all the frames at once, only damaged frames need to be replaced.
- One (1) roller kit includes all the rollers necessary to replace all the rollers on the rotary. BouMatic advises replacing all the rollers at the same time to maintain constant circumference and even wear.

Xcalibur 360 Connection Plate Kit



| ITEM | PART NO. | Obsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|------------------------|-------------|-----------|
|------|----------|------------------------|-------------|-----------|

8597701 KIT,CONN PLATE,XCAL 360
Contains: 2 - Rail Connection Plates,
4 - M16 Locknuts, 4 - M16 2.0 X 80
CSCR HXH bolts, 8 - M16 Washers

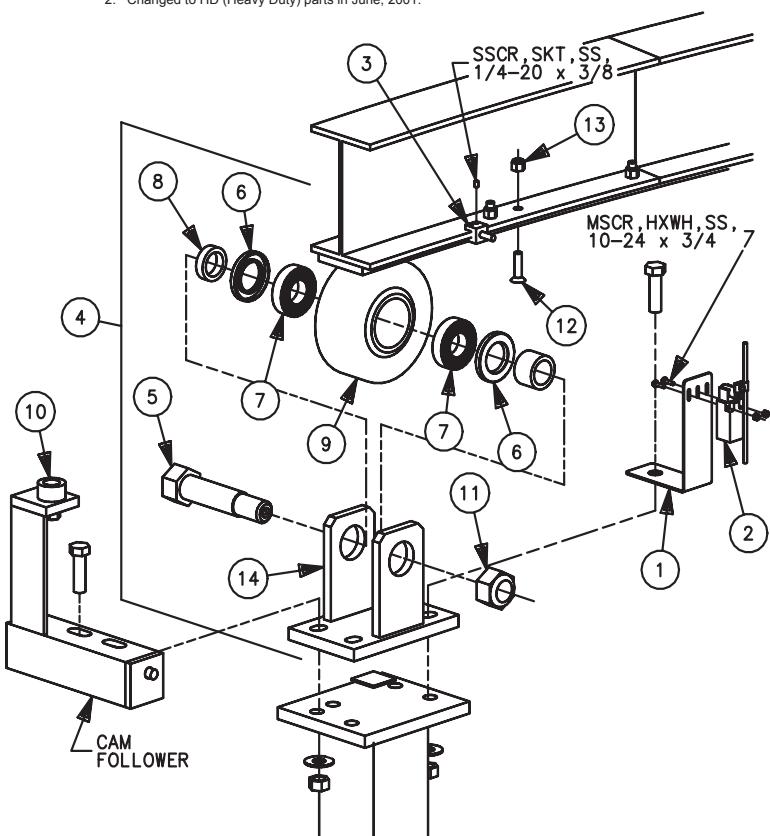
a/r

Rotary Roller Assembly

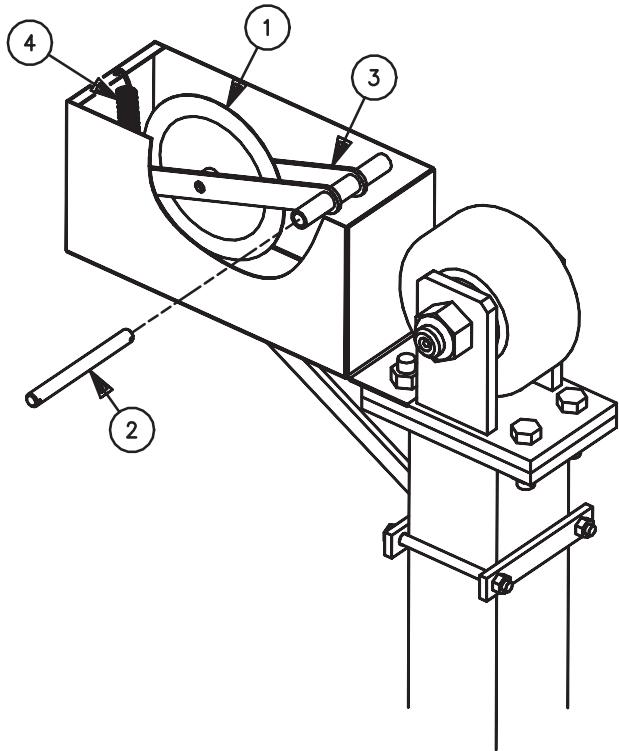
| ITEM | PART NO. | DESCRIPTION | QTY. REQ. |
|-------------------------------|----------------------|--|--------------|
| | | ⊗=OBsolete n/s=NOT SHOWN | |
| Rotary Roller Assembly | | | |
| 1 | 8504079 | Bracket, Home Position, Rotary | 1 |
| 2 | 8504177 | Switch, Limit | 1 |
| 3 | 8504081 | Block Assy, Home Position, Rotary | 1 |
| 4 | 8511193 | Wheel Assy, Roller 40 Stall, HD | 1 |
| | 8511194 | Wheel Assy, Roller, 50 Stall, HD | 1 |
| | 8511195 | Wheel Assy, Roller, 60 Stall, HD | 1 |
| | 8511196 | Wheel Assy, Roller, 72 Stall, HD (Includes items 8 & 10 and heavy duty versions of items 5-7, 9 & 14) | 1 |
| 5 | 8503770 | Axle, 40mm | 1 |
| | 8509154 ² | Axle, 40mm Shaft, HD | 1 |
| 6 | 8503765 | Seal, 50 x 80 x 10mm | 2 |
| | 8509156 ² | Seal, 55 x 90 x 10mm | 2 |
| 7 | 8503764 | Bearing, 40 x 80 x 19.75mm | 2 |
| | 8509157 ² | Bearing, 40 x 90 x 32.25mm | 2 |
| 8 | 8503771 | Spacer, Set of 2, Stl Idler Whls (Includes 30 & 15 mm spacers.) | 1 |
| 9 | 8509158 ² | Wheel, Roller, 30 Stall, HD | 1 |
| | 8508333 | Wheel, Roller, 40 Stall | 1 |
| | 8509159 ² | Wheel, Roller, 40 Stall, HD | or 1 |
| | 8508334 | Wheel, Roller, 50 Stall ² | 1 |
| | 8509160 ² | Wheel, Roller, 50 Stall, HD | or 1 |
| | 8508335 | Wheel, Roller, 60 Stall | 1 |
| | 8509161 ² | Wheel, Roller, 60 Stall, HD | or 1 |
| | 8508336 | Wheel, Roller, 72 Stall | 1 |
| | 8509162 ² | Wheel, Roller, 72 Stall, HD | 1 |
| | 8509163 ² | Wheel, Roller, 80 Stall, HD (Install larger diameter of wheel to outside of rotary.) | 1 |
| 10 | 8503992 | Bearing, Cam Follower | 1 |
| 11 | 8503982 | Nut, Lock, Elas, M36-4mm | 1 |
| 12 | 8504178 | Cscr, Fh Sch, M12-1.75 x 40, GD 8 | a/r |
| 13 | 8504179 | Nut, Lock, Elas, ZP, M12-1.75 | a/r |
| 14 | 8509151 | Fork Assy, 75mm Roller Wheel | 1 |
| | 8509155 ² | Fork Assy, HD | 1 |

Notes:

- When replacing spacers (item 8) make sure larger spacer, 38mm, gets inserted in the wheel on the side facing the rotary center.
- Changed to HD (Heavy Duty) parts in June, 2001.



RMS-X Oiler Assembly

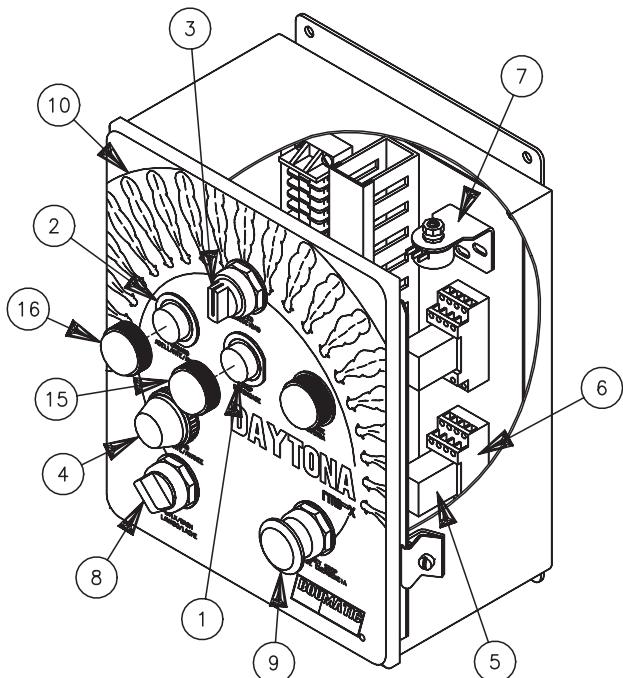
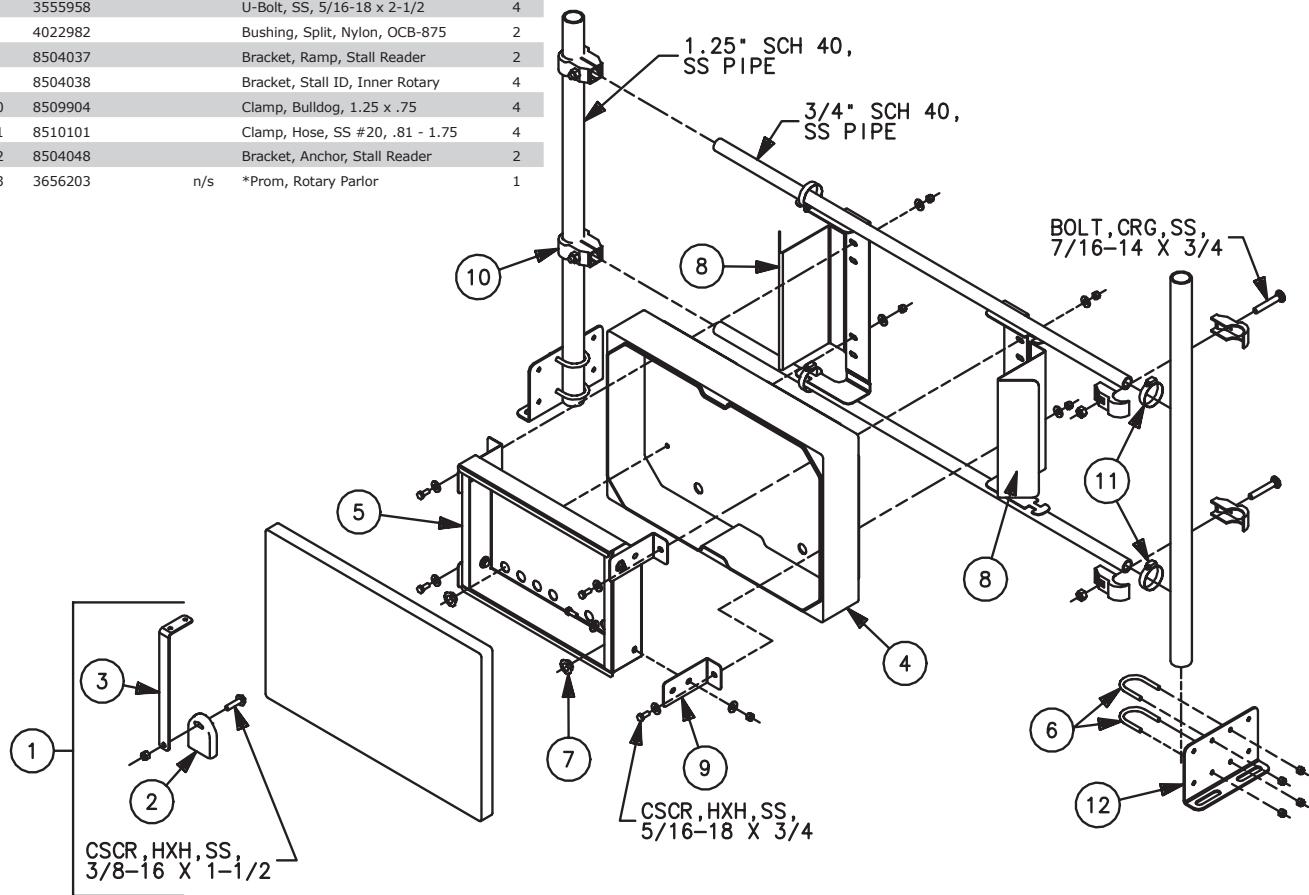


| ITEM | PART NO. | ⊗=OBsolete n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|----------------------------------|--------------|
| - | 8505220 | ⊗ | Oiler Assy, RMS-X | - |
| 1 | 8503979 | ⊗ | Wheel, Bath, Oil, 5mm x 200mm | 1 |
| 2 | 8503980 | ⊗ | Pin, Bath, Oil, 16mm Dia x 170mm | 1 |
| 3 | 8503981 | ⊗ | Pivot, Bath, Oil, SS | 1 |
| 4 | 8553740 | ⊗ | Spring, Ext., .420-.045 2.50 | 1 |

Rotary Stall ID Assembly

| | |
|--------------------|------|
| SECTION | PAGE |
| I | 17 |
| EFFECTIVE: 12/6/16 | |

| ITEM NO. | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|---------------------------------|-------------|-----------------------------|---|--------------|
| Rotary Stall ID Assembly | | | | |
| 1 | 8504035 | | Tag Assy, Stall, Rotary (Includes items 2 & 3) | a/r |
| 2 | 3554979 | | Tag, ID, Intl, Red | 1 |
| 3 | 8503742 | | Bracket, Stall, ID | 1 |
| 4 | 8504039 | | Enclosure, Stall, ID, Rotary | 1 |
| 5 | 3554287 | | Control Assy, Feeder | 1 |
| 6 | 3555958 | | U-Bolt, SS, 5/16-18 x 2-1/2 | 4 |
| 7 | 4022982 | | Bushing, Split, Nylon, OCB-875 | 2 |
| 8 | 8504037 | | Bracket, Ramp, Stall Reader | 2 |
| 9 | 8504038 | | Bracket, Stall ID, Inner Rotary | 4 |
| 10 | 8509904 | | Clamp, Bulldog, 1.25 x .75 | 4 |
| 11 | 8510101 | | Clamp, Hose, SS #20, .81 - 1.75 | 4 |
| 12 | 8504048 | | Bracket, Anchor, Stall Reader | 2 |
| 13 | 3656203 | n/s | *Prom, Rotary Parlor | 1 |

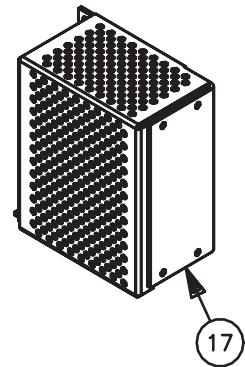
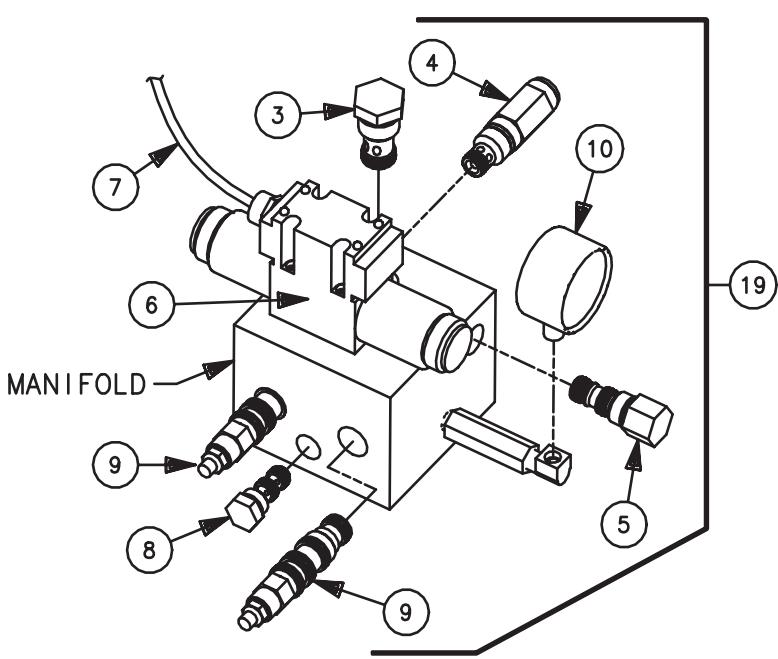
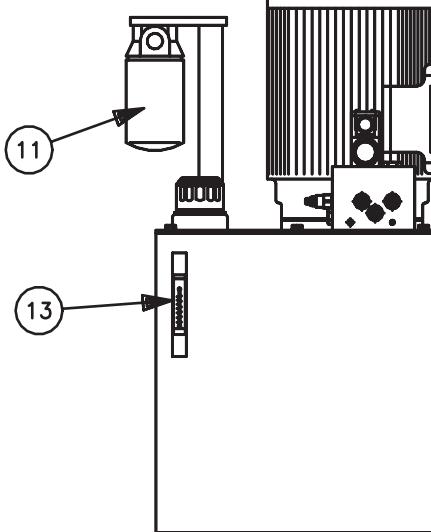
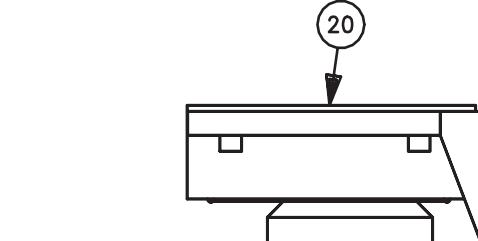
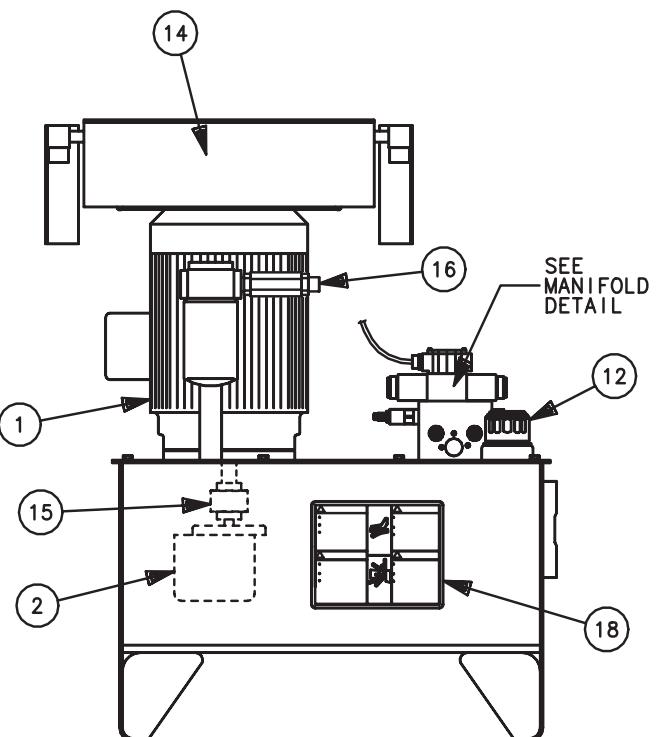


Daytona, Rotary Control Console
(Xcalibur 360EX, Control Console found in Section J)

| ITEM NO. | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|---------------------------------|-------------|-----------------------------|---|--------------|
| Console, Control, Rotary | | | | |
| 1 | 8503939 | | Pushbutton, N.C., Red (Includes item 15) | 1 |
| 2 | 8503940 | | Pushbutton, N.O., Green (Includes item 16) | 2 |
| 3 | 8503941 | | Potentiometer, 0-5K | 1 |
| 4 | 8503942 | | Light Assy, 24 VDC, Green (Includes item 14) | 1 |
| 5 | 8503943 | | Relay, 4PDT, 24V, AC/DC | 3 |
| 6 | 8503944 | ⊗ | Base, Relay, 4PDT | 3 |
| 7 | 8503945 | | Potentiometer, w/ Mtg, 5k | 1 |
| 8 | 8503946 | | Switch, Selector, 2-Position | 1 |
| 9 | 8503947 | | Pushbutton, Emergency Stop | 1 |
| 10 | 8503893 | | Label, Control Panel, RMS-X | 1 |
| 11 | 8504211 | n/s | Sign, Warning, Control, Rotary | 1 |
| 12 | 8514142 | n/s | Label, Wiring, Control Panel, RMS | 1 |
| 13 | 1923602 | n/s | Diode, Power, 1A, 400PIV, 1N4004 | 3 |
| 14 | 8508498 | ⊗ | n/s Bulb, 24V, .08 Amp | 1 |
| 15 | 8513238 | | Boot, Red, Pushbutton | 1 |
| 16 | 8513239 | | Boot, Green Pushbutton | 2 |

Rotary Hydraulic Power Unit

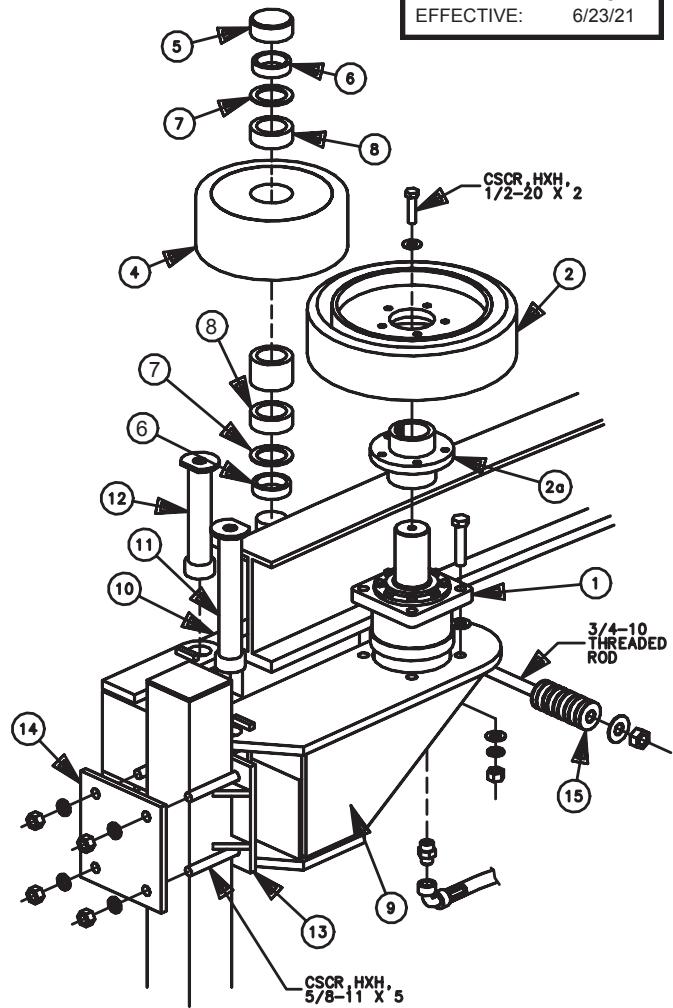
| ITEM | PART NO. | DESCRIPTION | QTY. | REQ. |
|---------|----------|--|------|-------|
| | | ⊗=OBSOLETE n/s=NOT SHOWN | | |
| 8502758 | | Drive, Hyd, Rty, 30-60, 220/480V | 758 | - - |
| 8505222 | ⊗ | Drive, Hyd, Rty, 30-60, 230V, 1 PH | - | 222 - |
| 8502759 | | Drive, Hyd, Rty, 72, 80, 220/480V | - - | 759 |
| 1 | 8503948 | Motor, 3Hp, 3Ph, 230-460V, 60Hz | 1 | - - |
| | 8503949 | Motor, 5Hp, 3Ph, 230-460V, 60Hz | 1 | - |
| | 8503950 | Motor, 7.5Hp, 3Ph, 230-460V, 60Hz | - | - 1 |
| 2 | 8503951 | Pump, Gear, 3 Hp, 1.8 Gal/Min | 1 | 1 - |
| | 8503952 | Pump, Gear, 5 Hp, 3.8 Gal/Min | 1 | 1 - |
| | 8503953 | Pump, Gear, 7.5 Hp, 7.5 Gal/Min | - | - 1 |
| 3 | 8503954 | Valve, Check | 1 | 1 1 |
| 4 | 8503955 | Valve, Relief | 1 | 1 1 |
| 5 | 8503956 | Valve, Logic Element | 1 | 1 1 |
| 6 | 8503957 | Valve, Prop, Direct, 5hp | 1 | 1 - |
| | 8503958 | Valve, Prop, Direct, 7.5hp | - | - 1 |
| 7 | 8503959 | Cable Assembly | 1 | 1 1 |
| 8 | 8503960 | Valve, Shuttle | 1 | 1 1 |
| 9 | 8503961 | Valve, Counterbalance | 2 | 2 2 |
| 10 | 8503962 | Guage, Pressure, 0-3000 PSI, 2.5" | 1 | 1 1 |
| 11 | 8503963 | Filter, 10 Micron, Repl | 1 | 1 1 |
| 12 | 8503964 | Breather, Filler, Filter | 1 | 1 1 |
| 13 | 8503965 | Gauge, Level/Temp, 5" Sight | 1 | 1 1 |
| 14 | 8503966 | Cooler, Oil, 30-60 Stall | 1 | 1 - |
| | 8503967 | Cooler, Oil, 72-80 Stall (Includes item 20) | - | - 1 |
| 15 | 8503968 | Kit, Coupler, Motor/Pump, 30-60 Stall | 1 | 1 - |
| | 8503969 | Kit, Coupler, Motor/Pump, 72-80 Stall | - | - 1 |
| 16 | 8504051 | Valve, Check, Hyd, 5000 PSI | 1 | 1 1 |
| 17 | 8509110 | Power Supply, 24VDC, 2.4A | 1 | 1 1 |
| 18 | 8504753 | Label, Warning, Rotary, HPU | 1 | 1 1 |
| 19 | 8508416 | Manifold Assy, 30-60 Stall | 1 | 1 - |
| | 8508417 | Manifold Assy, 72-80 Stall (Both Assys include items 3 thru 10) | - | - 1 |
| 20 | 8504006 | Filter, Air, 11.50 x 12.00, 30-60 | 1 | 1 - |
| | 8504007 | Filter, Air, 19.75 x 18.00, 77-80 | - | - 1 |



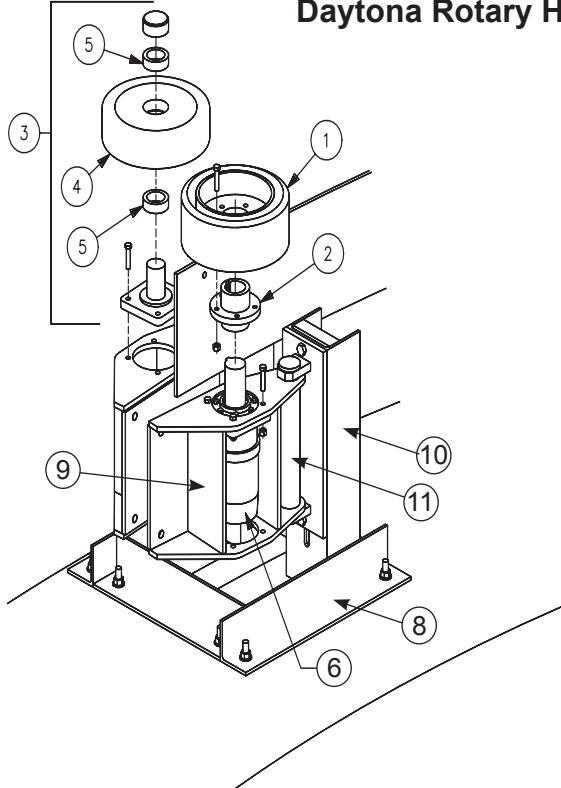
Daytona Rotary Hydraulic Drive Unit (Hulls)

| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|--------------------------------------|-------------------------------|--|-----------|
| Rotary Hydraulic Drive Unit - | | | |
| 1 | 8502763 | Motor, Hydraulic | 1 |
| 2 | 8512044 ^{2,3} | Wheel, Drive, 350mm Dia, w/o Hub | 1 |
| 2a | 8512045 ² | Adapter, Hub, Flange, Drive Wheel | 1 |
| 3 | 8509100 | Drive STD CCW, w/300 Idler | 1 |
| | 8509983 | Drive STD CW, w/300 Idler | or 1 |
| | 8510155 | Drive STD CCW, w/250 Idler | or 1 |
| | 8510156 | Drive STD CW, w/250 Idler | or 1 |
| | (All include items 4 thru 14) | | |
| 4 | 8504191 | Wheel, Idler, 300mm Dia | 1 |
| | 8503983 | Wheel, Idler, 250mm Dia | 1 |
| | 8514122 | Wheel, Idler, 250 x 75 Nylon | 1 |
| 5 | 8504122 | Collar, Idler Wheel | 1 |
| 6 | 8504123 | Spacer, Drive Idler Wheel | 2 |
| 7 | 8504121 | Seal, 2.50 x 4.00 x .375, Idler Wheel | 2 |
| 8 | 8503986 | Bearing, Idler, Drive, 50.8mm | 2 |
| 9 | 8509101 ⁴ | Mount, Drive Wheel, STD CW | 1 |
| | 8510955 ⁴ | Mount, Idler Wheel, STD CW | or 1 |
| 10 | 8509104 ¹ | Mount, Idler Wheel, STD CCW | 1 |
| | 8509982 ¹ | Mount, Drive Wheel, STD CCW | 1 |
| 11 | 8509108 | Pin, Main Pivot | 1 |
| 12 | 8509109 | Pin, Idler Pivot | 1 |
| 13 | 8509105 | Clamp, Main Pivot Post, w/Pivot | 1 |
| 14 | 8509256 | Clamp Main Pivot Post, Back | 1 |
| 15 | 8508415 | Washer, Belleville, 20.4mm x 50mm (MFG: Key Bellevilles Inc, p/n: 50-20.4-2-ZC) | 12 |

Note: 1. Basement Rotary brackets are opposite of standard (STD). Example: CW standard is CCW basement.
 2. When replacing older style scribe wheel, both drive wheel and adapter (item 2a) need to be ordered.
 3. Newer hubs have M14 bolts, rather than M12. With old wheels and new hubs, the bolt holes in the wheel will need to be drilled to M14 size, tapering the hole for the wheel-nut to 60 degrees.

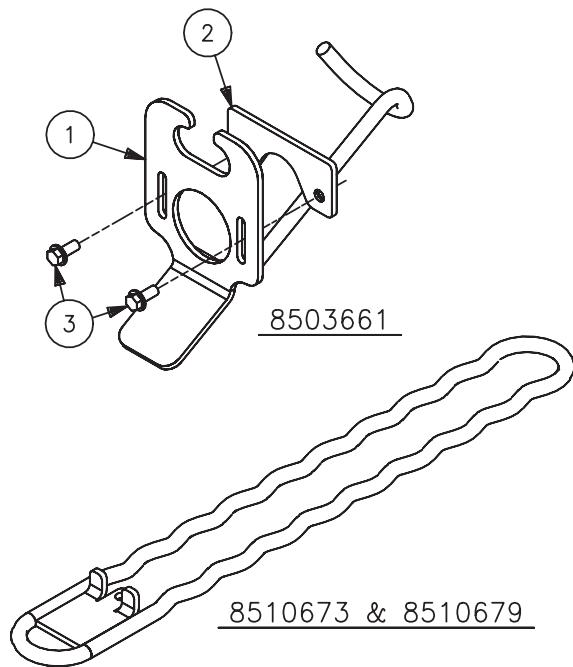


Daytona Rotary Hydraulic Drive Unit (Blom)



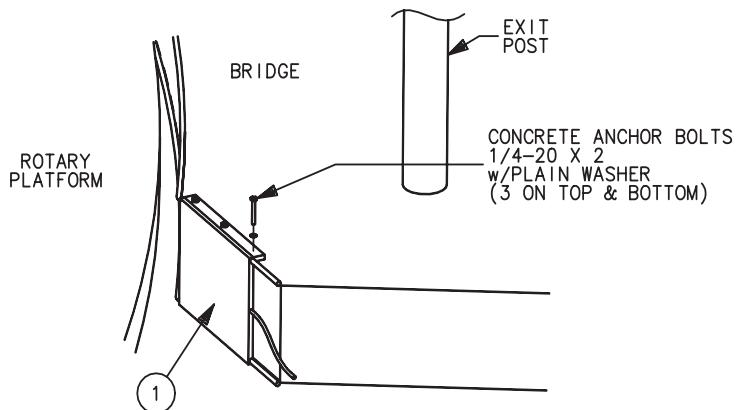
| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|---|----------|---|-----------|
| Rotary Hydraulic Drive Unit (Blom) - | | | |
| 1 | 8512619 | Wheel, Drive, 300 x 124, Hyd | 1 |
| 2 | 8512045 | Adapter, Hub, Flange, Drive Wheel | 1 |
| 3 | 8512622 | Wheel Assy, Idler, Hyd (Includes item 4) | 1 |
| 4 | 8512620 | Wheel, Idler, 300 x 75, Hyd (Includes 2 of item 5) | 1 |
| 5 | 8512621 | Bearing, Ball, 72 x 35 x 17 | 2 |
| 6 | 8502763 | Motor, Hydraulic | 1 |
| 7 | 8514126 | n/s Washer, Belleville, Set of 16 | 1 |
| 8 | 8584182 | Pedestal Base, Hyd, Daytona, Blom | 1 |
| 9 | 8584183 | Motor Bracket, Hyd, Daytona, Blom | 1 |
| 10 | 8584489 | Base, Hinge Pt, Hyd Drive, Daytona | 1 |
| 11 | 8584490 | Pin, Hinge, Ss, Hyd Drive, Daytona | 1 |

Rotary Hose Support Assemblies



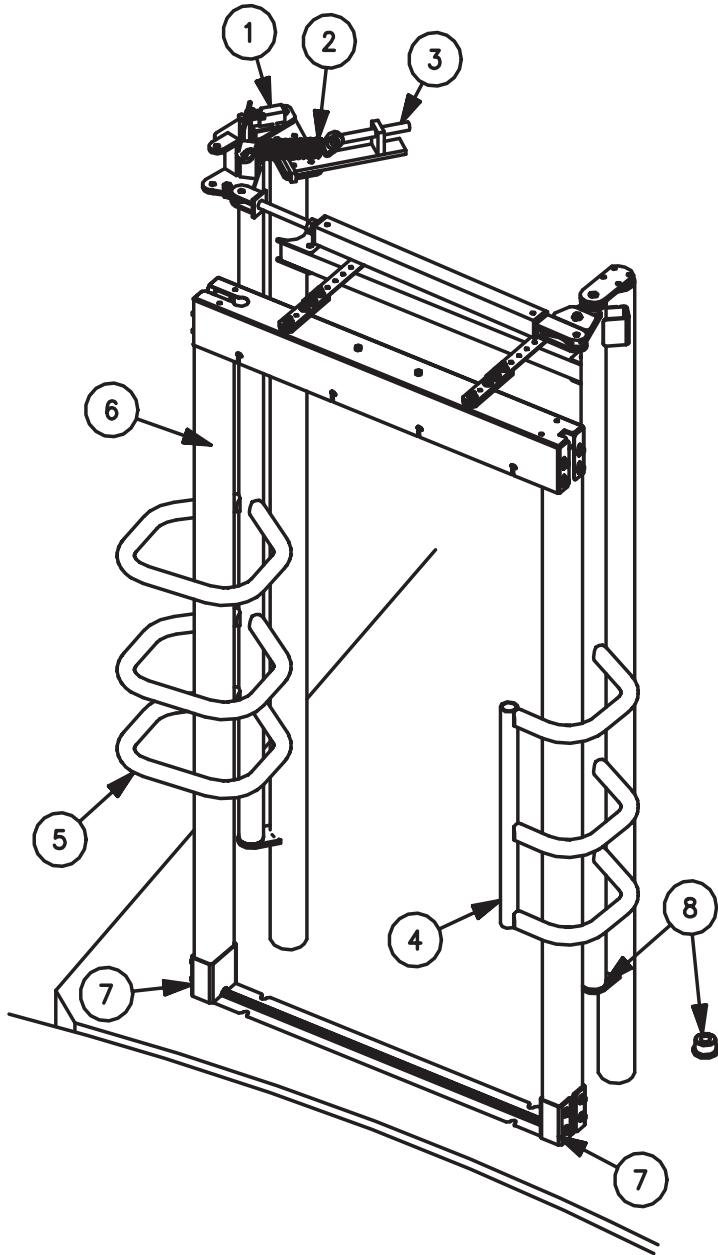
| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|----------|----------|------------------------------|-----------|
| | 8503661 | Support Assy, Hose, Rotary | 661 - |
| | 8510673 | Support Assy, Hose, 5/8" | - 673 |
| | 8510679 | Support Assy, Hose, 3/4" | - 679 |
| | 8583065 | Loop Only, 5/8" | - 065 |
| | 8583129 | Loop Only, 3/4" | - 129 |
| 1 | 8503660 | Plate, Hose Support | 1 - |
| 2 | 8501499 | Retainer Assy, Hose Support | 1 - |
| 3 | 1011179 | Mscr, Hxwh, Sems, 8-32 x 3/8 | 2 - |
| | 1081179 | MSCR,HXWH,SS 18-8,8-32 X 3/8 | 2 - |

Bridge Mat Switch



| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|--------------------------|----------|----------------------------|-----------|
| <u>Bridge Mat Switch</u> | | | |
| | 8509581 | Switch, Mat, 12.00 x 6.00 | 1 |
| 1 | 8509582 | Switch, Mat, 12.00 x 8.75 | or 1 |
| | 8509583 | Switch, Mat, 12.00 x 11.00 | or 1 |

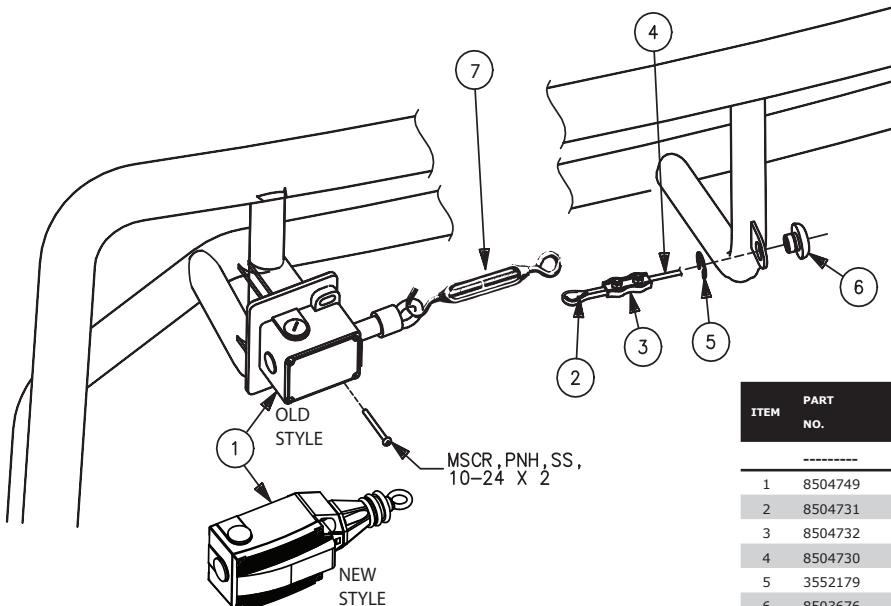
Entrance Gate Linkage



| ITEM NO. | PART NO. | DESCRIPTION | QTY. REQ. |
|------------------------------|----------|--|-----------|
| <u>Entrance Gate Linkage</u> | | | |
| 1 | 8504177 | Switch, Limit | 1 |
| 2 | 8503990 | Spring, Tensioner | 1 |
| 3 | 8503985 | Spring, Tensioner Rod | 1 |
| 4 | 8504172 | Gate, Exit, Rotary | 1 |
| 5 | 8504173 | Gate, Entrance, Rotary | 1 |
| 6 | 3557661 | Antenna Assy, 38" (Parts on page F-104) | 1 |
| 7 | 8504208 | Sleeve, ID Antenna | 2 |
| 8 | 8506959 | Bushing, Flanged, 1.06 x 2.06 | 4 |

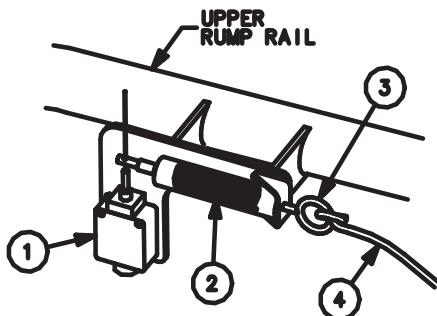
Pull Rope Mechanism

| | |
|----------------------|-------------------|
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| EFFECTIVE: 9/6/23 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|----------------------------|----------|-----------------------------|-------------------------------------|--------------|
| Pull Rope Mechanism | | | | |
| 1 | 8504749 | | Switch, Pull-Cable | 1 |
| 2 | 8504731 | | Thimble, SS, 3/16 | 1 |
| 3 | 8504732 | | Clamp, Cable, SS, 3/16, Low Profile | 1 |
| 4 | 8504730 | | Cable, Aircraft, 3/16 Dia | a/r |
| 5 | 3552179 | | Ring, Retaining, Ext-T, .750 | a/r |
| 6 | 8503676 | | Bushing, Cord Guide | a/r |
| 7 | 8597971 | | Turnbuckle ,Hook, Eye, 3/8 X 6, SS | 1 |

Older Version Pull Rope Mechanism



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|----------------------------|----------|-----------------------------|-------------------------------|--------------|
| Pull Rope Mechanism | | | | |
| 1 | 4017304 | | Switch, Limit, SPDT, Safety | 1 |
| 2 | 8503989 | ⊗ | Spring, Pin, Limit Switch | 1 |
| 3 | 8503984 | ⊗ | Pin, Limit Switch, 10mm Dia | 1 |
| 4 | 8504047 | ⊗ | Cord, Polypropylene, 3/8, Blk | a/r |

Xcalibur 360EX Pull Safety Switch



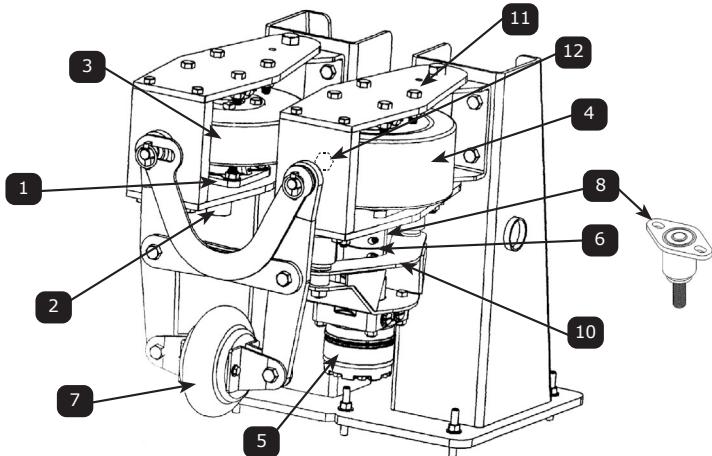
old style



new style

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|------|----------|-----------------------------|--|--------------|
| 1 | 8510668 | ⊗ | Switch,Pull Cable,Emergency Stop (old) | 1 |
| | 8588601 | | Switch,Pull Cable,Emergency Stop (new) | 2 |

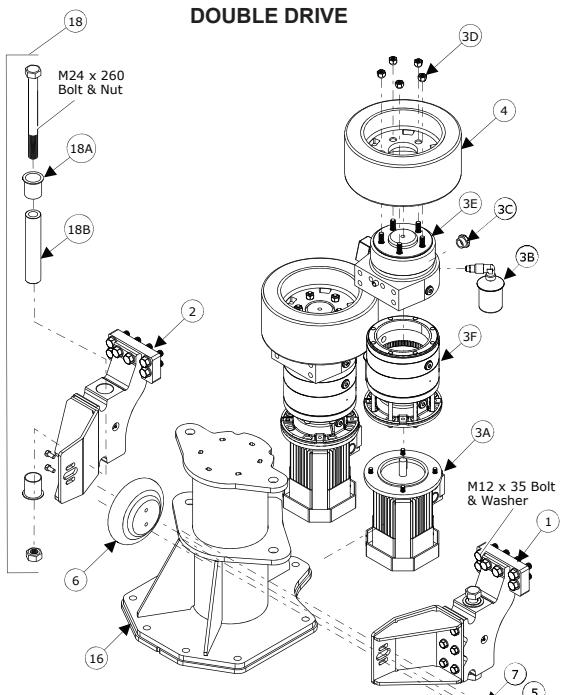
Xcalibur 360EX Hydraulic Drive



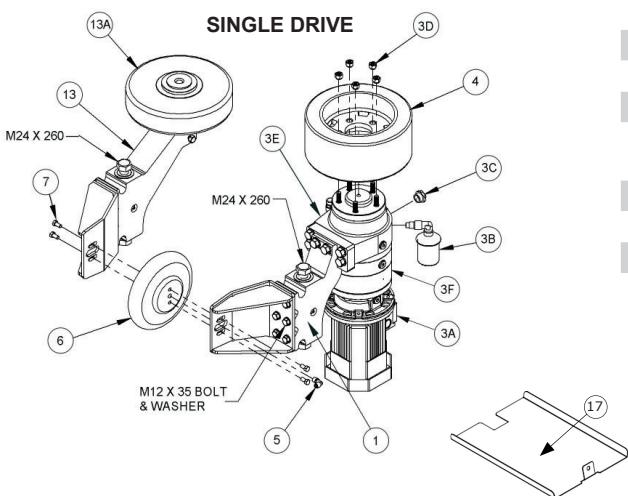
| ITEM | PART NO. | QTY REQ. (a/r=AS REQ.) | DESCRIPTION |
|--------------------------------|----------|---------------------------|---|
| Xcalibur 360EX Hydraulic Drive | | | |
| 1 | 8581713 | 4 | Bearing, Flange MT, 45mm |
| 2 | 8582881 | 2 | Shaft, Keyd, Drive, Main, Xcal 360 (require keyed coupling 8582880) |
| 3 | 8512620 | 1 | Wheel, Idler, 300X 75, Hyd, Nylon |
| 4 | 8512619 | 1 | Wheel, Drive, 300 x 130, Nyl Chas |
| | 8586358 | or 1 | Wheel, Drive, Poly, 300 x 130 |
| 5 | 8582459 | 1 | Motor, Hyd Drive, 750c, Blk, 60 or less |
| | 8582458 | 1 | Motor, Hyd Drive, 540cc, Red, 72-80 |
| 6 | 8581723 | 1 | Coupling, Conv, 1.25 in. - 44mm |
| | 8582880 | 1 | Coupling, Conv, 1.25 in. - 40mm, keyd (require keyed shaft 8582881) |
| 7 | 8581534 | 1 | Air Bag, Indexing, 90LX |
| 8 | 8587229 | 1 | Mount, Motor, Hyd Motor, XCAL90 |
| 9 | 8591660 | a/r | n/s Hinge Point XCAL360EX/M20x260 |
| 10 | 8587228 | 2 | Bracket, MTG, HYD Motor, XCal360 |
| 11 | 8587218 | 2 | Arm, MTG, Hyd Drive, XCal360 (8582718-W/O Drive Wheel) |
| 12 | 1273914 | a/r | Nut, Hex, M18-2.5 ZP |
| 13 | 1153843 | a/r | CSCR,HXH,M12-1.75 x 50 ZP |

Xcalibur 360EX Electric Drive Assemblies

DOUBLE DRIVE



SINGLE DRIVE

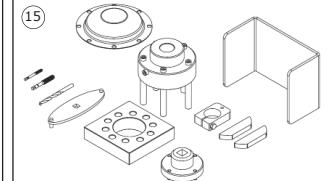


| ITEM | PART NO. | QTY REQ. (a/r=AS REQ.) | DESCRIPTION |
|--------------------------------|----------|---------------------------|---|
| E-DRIVE ASSY,SGL,TALL,240-480V | | | |
| 8587278 | | 278 | - |
| 8587280 | | - | 280 |
| 1 | 8587219 | 1 | ARM,MTG,E-DRIVE,XCAL360,RH |
| 2 | 8587220 | 1 | ARM,MTG,E-DRIVE,XCAL360,LH |
| 3 | 8587253 | 2 | E DRIVE,GEAR&MTR,STD,240-480 (INCL 3A-3F) |
| | 8589902 | a/r | n/s E DRIVE,GEAR&MTR,90DEGREE,1.5HP,240-480 |
| 3A | 8587255 | 2 | E-MOTOR,STD,1.5HP,240-480V,3PH |
| 3B | 8587176 | 2 | GRS CARTRIDGE,E-DRIVE,XCAL360 |
| 3C | 8587177 | 2 | SIGHT GLASS,E-DRIVE,XCAL360 |
| 3D | --- | 10 | NUT,LUG,M14 |
| 3E | 8593621 | 2 | E DRIVE,GEAR&MTR,BEARING BLOCK |
| | 8586358 | 2 | GEARBOX W/O MOTOR,XCAL360EX |
| 4 | 8586358 | 2 | WHEEL,DRIVE,POLY,300 X 130 |
| 5 | 8507022 | 1 | CONN,SWL,ELB,1/4 OD X 1/4 NPT |
| 6 | 8581534 | 1 | AIR BAG,INDEXING,90LX |
| 7 | 1174048 | 4 | CSCR,HXH,3/8-16 X 3/4 ZP |
| 8 | 8589164 | a/r | OIL,GEAR,CLP PG,ISO VG 220,5G |
| 9 | 8589899 | 1 | VENT,2WAY Xcal360,W/COVER |
| 10 | 8589903 | 1 | GREASE TRAP,Xcal360,MOTOR |
| 11 | 8589898 | 1 | COVER, Xcal360 WHEEL KIT |
| 12 | 8589915 | 1 | SEAL KIT,Xcal360,STD MOTOR |
| 13 | 8587192 | - | IDLER ASSY,E-DRIVE,XCAL360EX (INCL 13A) |
| 13A | 8587193 | - | WHEEL,IDLER,E-DRIVE,XCAL360EX |
| 14 | 85936221 | 1 | E DRIVE, BOLT REPAIR KIT |
| 15 | 85936231 | 1 | E DRIVE, BOLT REPAIR KIT TOOLS |
| 16 | 8587252 | a/r | PEDSTL,STD, MTR,E-DRIVE,XCAL360 |
| 17 | 8595899 | a/r | PROT PLATE DRIVE XCAL PER UNIT |
| 18 | 8596744 | a/r | KIT,REPAIR,PIVOT,DRIVE,XCAL360 (INCL 18A [x2], 18B, M24 x 260 BOLT & NUT) |
| 18A | 8595788 | 4 | FLANGED BUSHING |
| 18B | 8595789 | 2 | HOLLOW AXLE 40X205 |
| 19 | 8595790 | - | n/s DRIVE FRAME,XCAL 360EX,TYPE X |

Note 1. For use with part no. 8587253, E-Drive

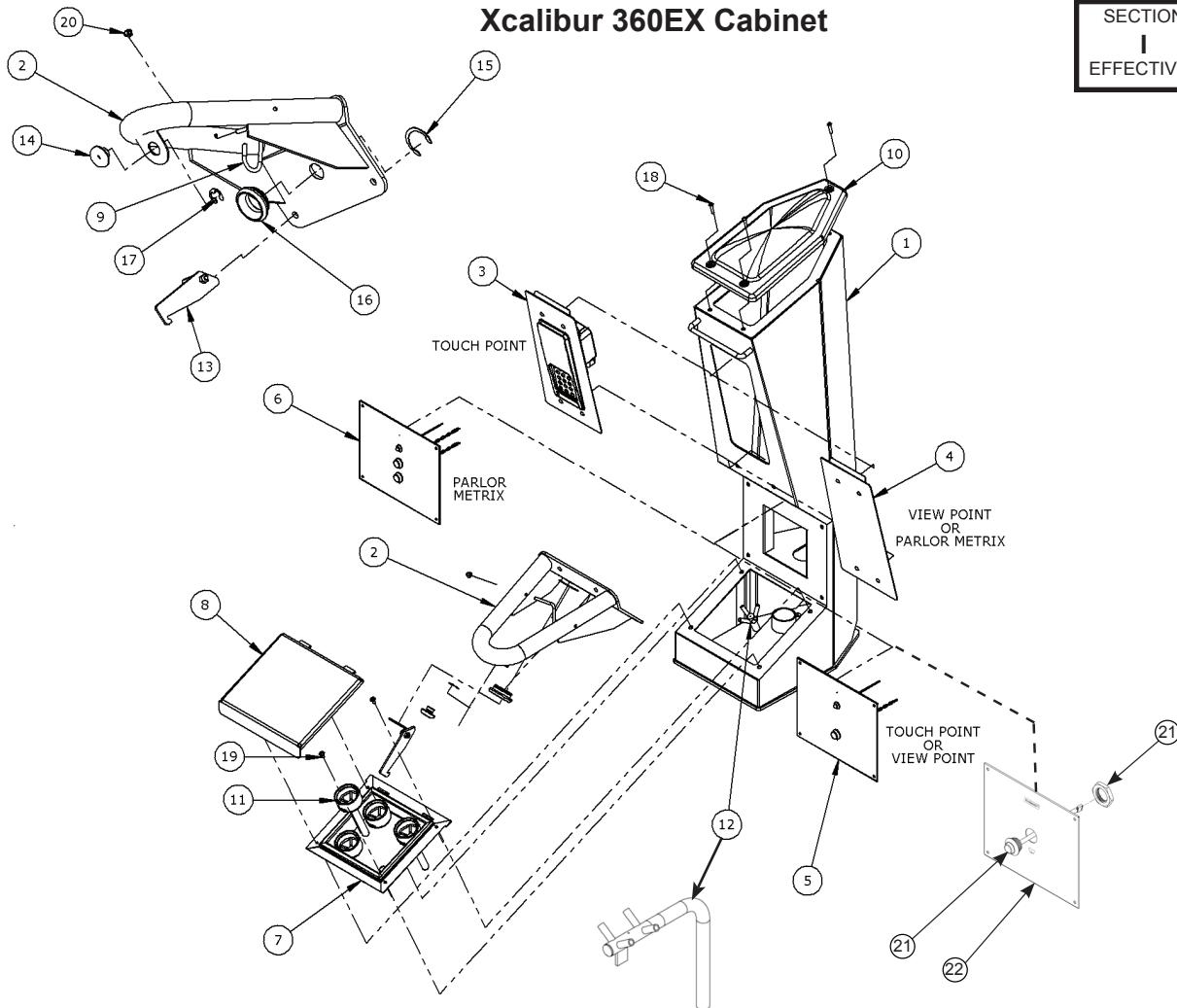
(14) E DRIVE, BOLT REPAIR KIT includes:

- Five wheel bolts with nut
- 2 x conical bearing
- 2 x seal
- 2 x O-ring
- 1 x main adjust nut
- 1 x grease cartridge
- Additional small parts

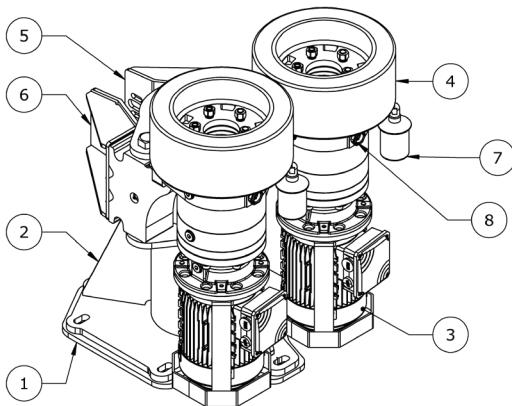


Xcalibur 360EX Cabinet

SECTION I
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EFFECTIVE: 1/17/22



Xcalibur Mega Rotary Double Drive

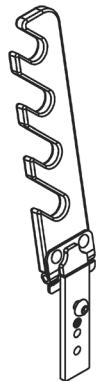


| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|-------------------|----------|---------------------------------|---------------------------|
| - 8592988* | | | |
| | | XL FRAME, DOUBLE DRIVE | - |
| 1 | 8592991 | XL, DRILL PLATE, E-DRIVE, 360 | 1 |
| 2 | 8592992 | XL, PEDSTL, E-DRIVE, XCAL360 | 1 |
| 3 | 8592990 | XL, DOUBLE DRIVE,MOTOR | 2 |
| 4 | 8586358 | WHEEL,DRIVE,POLY,300 X 130 | 2 |
| 5 | 8587220 | ARM,MTG,E-DRIVE,XCAL360,LH | 1 |
| 6 | 8581534 | ARM,MTG,E-DRIVE,XCAL360,RH | 1 |
| 7 | 8587176 | GRS CARTRIDGE,E-DRIVE,XCAL360 | 2 |
| 8 | 8587177 | SIGHT GLASS,E-DRIVE,XCAL360 | 2 |
| 9 | 8589899 | n/s VENT,2WAY XCAL360,w/ COVER | 2 |
| 10 | 8589903 | n/s GREASE TRAP,XCAL 360, MOTOR | 2 |

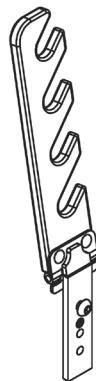
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|-------------------------------|----------|---|-----------------------------------|
| Xcalibur 360EX Cabinet | | | |
| 1 | 8584900 | Cabinet, Galv, XCal360 | 1 |
| | 8584902 | Cabinet, Stainless, XCal360 | 1 |
| 2 | 8582716 | Loop, Galv, Cabinet FR, XCal360 | 1 |
| | 8582718 | Loop, SS, Cabinet FR, XCal360 | 1 |
| 3 | 3561052 | Cover Assy, 360EX, T-PNT | 1 |
| 4 | 3561053 | Cover Assy, 360EX, Blank | 1 |
| 5 | 8581661 | Switch Assy, Remote, T-PT, XL360 (w/ terminal block) | 1 |
| | 3559760 | Remote Att, Assy, w/o POR Indicator (w/ Plugs) | 1 |
| 6 | 8581662 | Switch, Assy, Remote, P-MTX, XL360 | 1 |
| 7 | 8581567 | Tray Assy, Jetter Cabinet | 1 |
| 8 | 8581566 | Cover, Jetter, WDE Rotary | 1 |
| 9 | 8504162 | Hook, CIP, Rotary | a/r |
| | 8595287 | Hook, CIP, Xcal, FS Xtreme | a/r |
| 10 | 8583796 | Cover, Top, Cabinet, XCal360 | 1 |
| 11 | 8503022 | Cup, Jetters, R-Series | 4 |
| | 8589312 | Cup, Jetter, R-Series, Long, Cs/100 | a/r |
| 12 | 8514721 | Distributor, Plastic, Jetter | 1 |
| | 8595354 | Distributor, Jetter, XCAL | 1 |
| | 8511605 | TUBE,FRMD,SS,.750 X 5.00 | 1 |
| 13 | 8582257 | Latch Assy, Jetter Door, XCal360 | 1 |
| 14 | 8510834 | Bushing, Cord Guide, Steel | 1 |
| 15 | 8581603 | Ring, Retaining, EXT, CRES, 2,000 | 1 |
| 16 | 8581570 | Guide, Chain, Large | 1 |
| 17 | 3552179 | Ring, Retainer, EXT-T, .750 | 1 |
| 18 | 1013713 | MSCR, BTH, SS, M6-1.0 X 30 | 3 |
| 19 | 8581733 | MSCR,PNH,SS,M6-1.0 X 16 | 4 |
| 20 | 1207352 | Nut, Cap, SS, 1/4-20 | 1 |
| 21 | 8592835 | SmartLite Button Kit, Panel Mount | 1 |
| 22 | 3563356 | SmartLite Button Assembly, Rotary (Assembly includes 8592835) | a/r |

*For 90+ stall rotaaries.

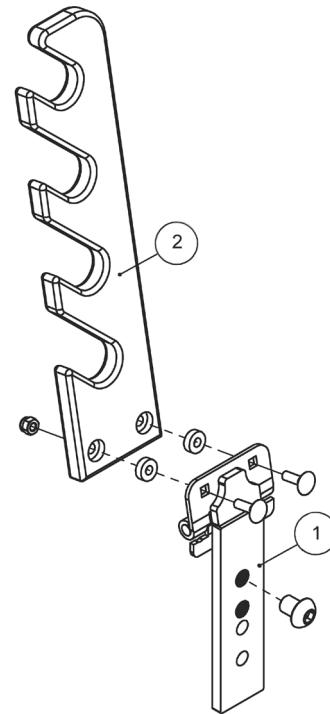
Xcalibur 360EX Hose Support



Clockwise



Counter Clockwise

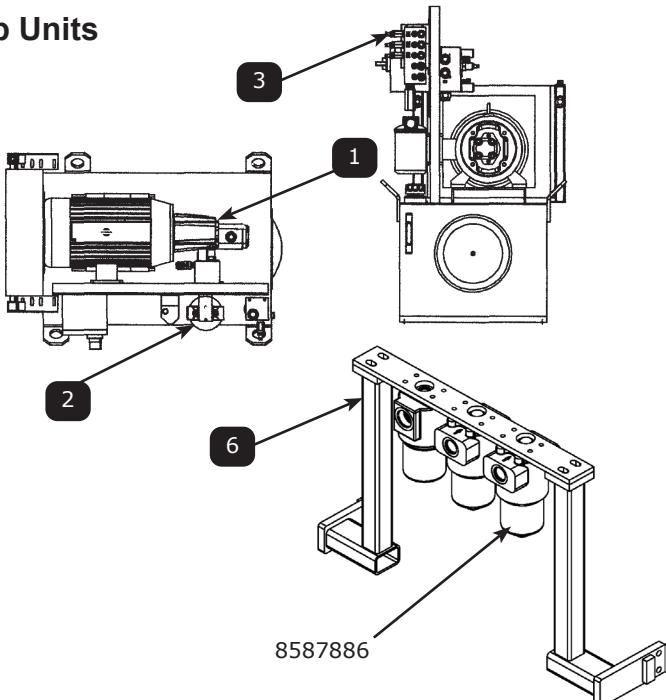


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|----------|-----------------------------|--------------------------------|---------------------------|
| | 8593615 | | SUPPORT,HOSE,XCAL360,FOLD,3/4 | 3615 |
| | 8593614 | | SUPPORT,HOSE,XCAL360,FOLD,5/8 | 3614 |
| 1 | 8593613 | | BASE,SUPPORT,HOSE,XCAL360,MAT | 1 1 |
| 2 | 8594480 | | SUPPORT,HOSE,XCAL360,PLAST,3/4 | 1 - |
| | 8594479 | | SUPPORT,HOSE,XCAL360,PLAST,5/8 | - 1 |

Xcalibur 360EX Hydraulic Pump Units

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|----------------------------------|-----------------------------------|
| | | | Xcalibur 360EX Hyd. Pump Units | - |
| 1 | 8582234 | ⊗ | Pump, HPU, 32-36 Stall, 360EX | 1 |
| | 8582235 | ⊗ | Pump, HPU, 40-60 Stall, 360EX | 1 |
| | 8582236 | | Pump, HPU, 72-80 Stall, 360EX | 1 |
| 2 | 8582238 | | Filter, HPU, 360EX | 1 |
| 3 | 8582961 | | Valve, Relief, Hyd., Xcal 360 | 1 |
| 4 | 8582964 | n/s | Valve, Prop, SML, Hyd., Xcal 360 | 1 |
| | 8582962 | n/s | Valve, Prop, LRG, Hyd., Xcal 360 | 1 |
| 5 | 8582959 | n/s | Cord Set, Xcal HPU, Prop VLV | 1 |
| 6 | 8588254 | | Pkg, Filter, Xcal Hyd Unit | a/r |

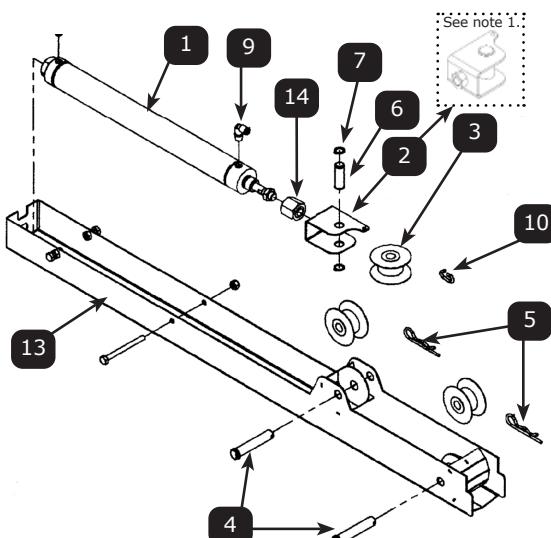
Note: Part No. 8582964 is used on systems 60 stall and smaller. Part No. 8582962 is used on systems 72 stalls and greater.



Xcalibur 360EX Cylinder Assy

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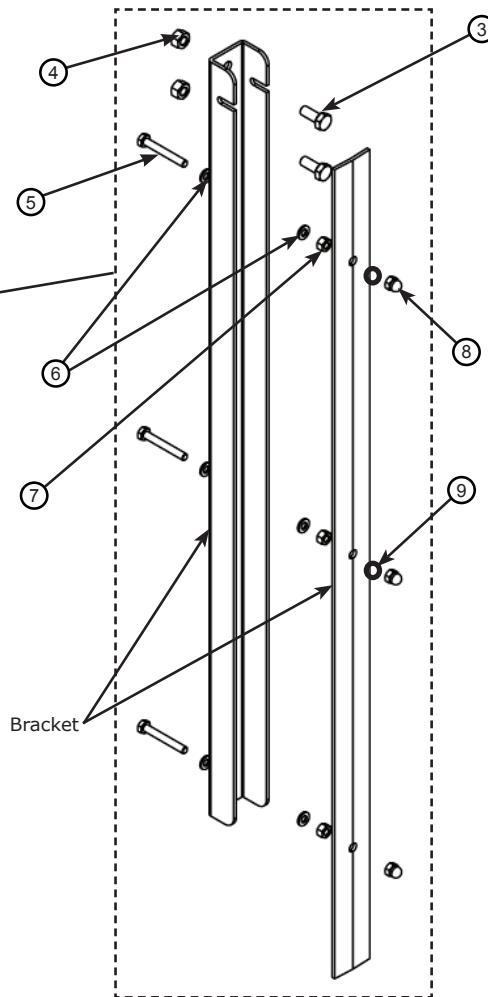
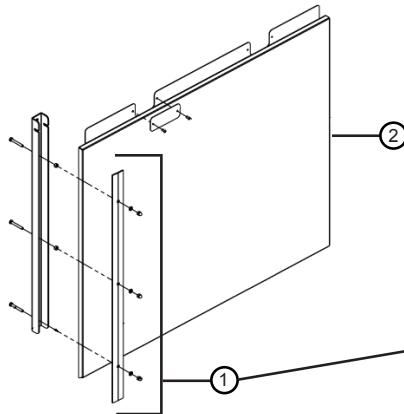


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|--|-----------------------------------|
| | 8581607 | | XCalibur 360EX Cylinder Assy w/Rope | 607 |
| | 8581606 | n/s | XCalibur 360EX Cylinder Assy w/Chain | 606 |
| 1 | 8581605 | ⊗ | Cylinder, Air, 1.50 x 12.00, XCal | 1 |
| | 8592226 | | Cylinder, Air, 1.50 x 12.00, XCal, w/S Nut | 1 |
| 2 | 8581608 | | Clevis Assy,XCAL 360 | 1 |
| | 8595275 ¹ | | Clevis Assy,Detach,Rope,Rotary | a/r |
| 3 | 8582424 | | Pulley, Guide, Chain, 2.25 Dia. | 4 |
| 4 | 8581610 | | Pin, Clevis, SS, .50 x 2.75 | 2 |
| 5 | 8582375 | | Pin, Hitch, .120 x 2.375, SS | 2 |
| 6 | 3556778 | | Pin, Pulley Mtg | 1 |
| 7 | 8582733 | | Ring, Retaining, Ext, ZP, .50 | 2 |
| 8 | 3554440 | n/s | Hose, Nyl, Grn, 5/32 OD x 100 ft. | 1 |
| 9 | 3554451 | | Conn, Swl, Elb, 5/32 ODX 1/8 NPT | 1 |
| 10 | 3551341 | | Link, Chain-Connector, SS | 1 |
| 11 | 3556695 | n/s | ROPE,DYNEEMA,1/8"X 8' | a/r |
| | 8587717 | n/s | ROPE,DYNEEMA,1/8"X 100' | a/r |
| 12 | 3551953 | n/s | Chain, Twist-Link,SS.,120 | - |
| | 8582437 | | Bracket Assy Chain,Cyl Detach | - |
| | 8581571 | | Bracket Assy Rope Cyl Detach | a/r |
| 14 | 8581078 | | Nut, Scraper | 1 |

Note:

1. Item is only for use with assembly 8581607 (rope). Updated clevis assembly in 2020. Drop in replacement for the 8581608 clevis assembly, previously used for rope. Assembly is complete with no repair parts.

Xcalibur 360 EX Rotary Skirt Assembly

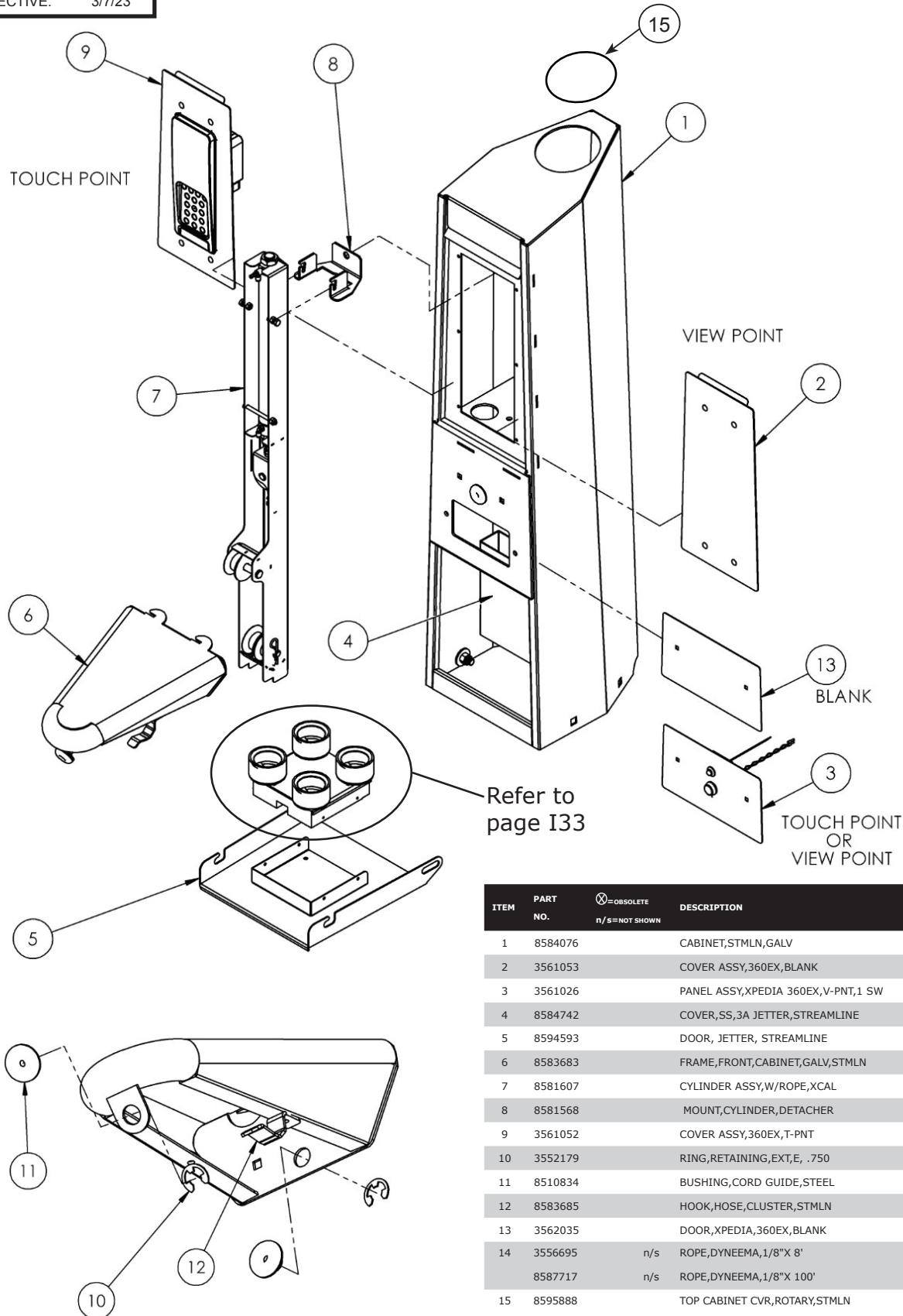


| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|---------------------------------------|-----------------------------------|
| 1 | 8592938 ¹ | | Bracket, Skirt, Xcal 360EX, All Sizes | a/r |
| 2 | 8592926 | | Skirt Assy, Xcal 360 EX, All Sizes | a/r |
| 3 | (see note 2) | | Bolt, Galv, M8 X 20 | 2 |
| 4 | (see note 2) | | Nut, Galv, M8 | 2 |
| 5 | (see note 2) | | Bolt, SS, M6 X 45 | 3 |
| 6 | (see note 2) | | Washer, Galv, M6 | 6 |
| 7 | (see note 2) | | Nut, Galv, M6 | 3 |
| 8 | (see note 2) | | Nut, Cap, SS, M6 | 3 |
| 9 | (see note 2) | | Washr, SS, M6 | 3 |

Notes:

1. Item 1 includes bracket and hardware items 3 thru 9.
2. Hardware included in Item 1. For individual parts, source locally.

Streamline 360EX Cabinet

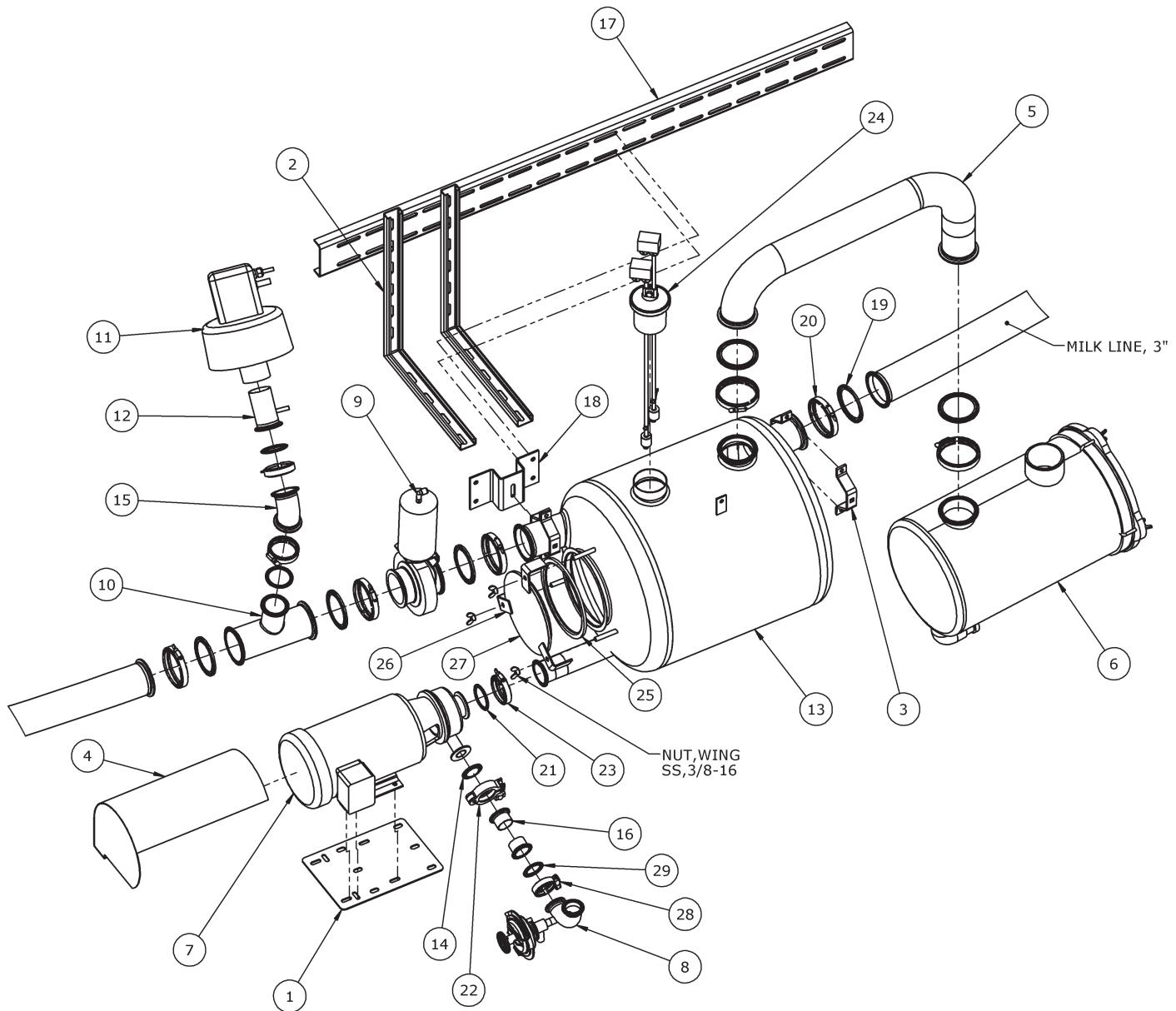


| ITEM | PART NO. | ☒=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|------------------------------------|-----------------------------------|
| 1 | 8584076 | | CABINET,STMLN,GALV | 1 |
| 2 | 3561053 | | COVER ASSY,360EX,BLANK | 1 |
| 3 | 3561026 | | PANEL ASSY,XPEDIA 360EX,V-PNT,1 SW | 1 |
| 4 | 8584742 | | COVER,SS,3A JETTER,STREAMLINE | 1 |
| 5 | 8594593 | | DOOR, JETTER, STREAMLINE | 1 |
| 6 | 8583683 | | FRAME,FRONT,CABINET,GALV,STMLN | 1 |
| 7 | 8581607 | | CYLINDER ASSY,W/ROPE,XCAL | 1 |
| 8 | 8581568 | | MOUNT,CYLINDER,DETACHER | 1 |
| 9 | 3561052 | | COVER ASSY,360EX,T-PNT | 2 |
| 10 | 3552179 | | RING,RETAINING,EXT,E,.750 | 2 |
| 11 | 8510834 | | BUSHING,CORD GUIDE,STEEL | 1 |
| 12 | 8583685 | | HOOK,HOSE,CLUSTER,STMLN | 1 |
| 13 | 3562035 | | DOOR,XPEDIA,360EX,BLANK | 1 |
| 14 | 3556695 | n/s | ROPE,DYNEEMA,1/8"X 8' | a/r |
| | 8587717 | n/s | ROPE,DYNEEMA,1/8"X 100' | a/r |
| 15 | 8595888 | | TOP CABINET CVR,ROTARY,STMLN | 1 |

Streamline Non-Basement Receiver Group Assy North America

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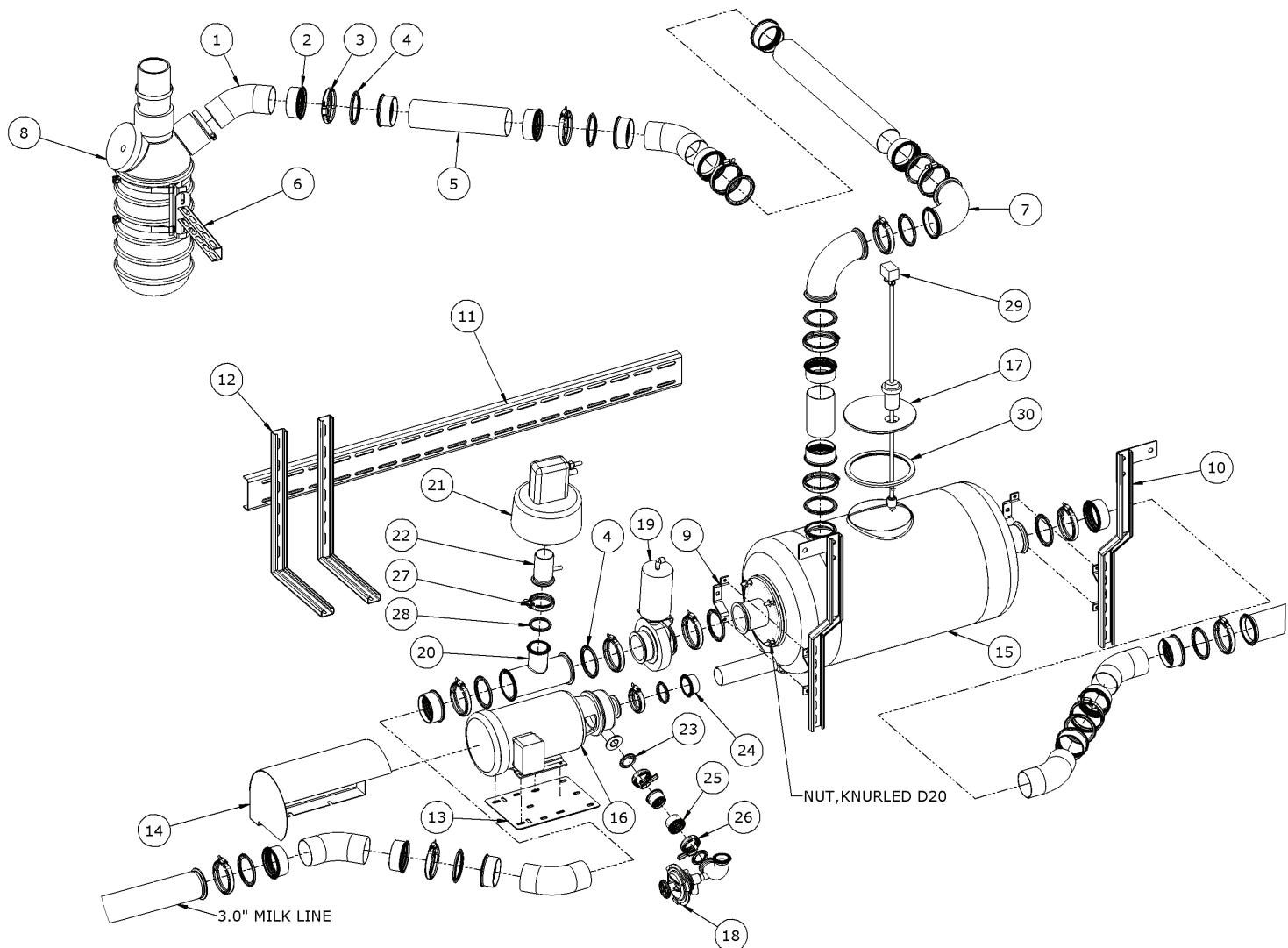
Streamline Non-Basement Receiver Group Assy

North America (Cont.)

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|
| 1 | 8587511 | | BRACKET,MILK PUMP,STMLN,N/B | 1 |
| 2 | 8587508 | | CHANNEL,MILK PUMP,STMLN,N/B,NA | 2 |
| 3 | 8581675 | | BRACKET,HANGER,3" TUBING | 4 |
| 4 | 8507463 | | COVER ASSY,MP,2HP,LH,VERT | 1 |
| 5 | 8503700 | ⊗ | ELBOW,TRAP,Ø3.00,ROTARY | 1 |
| 6 | 8518842 | | TRAP ASSY,SANITARY,3 IN,SS | 1 |
| 7 | 8507468 | | PUMP,2HP,WASHDOWN,3PH,60HZ,CW | 1 |
| 8 | 8511967 | | VALVE ASSY,DRAIN | 1 |
| 9 | 8502785 | | VALVE,BUTTERFLY,3.0,AIR CLOSED | 1 |
| 10 | 8501242 | | TEE,RDCR,SS,3"X3"X2",CLP | 1 |
| 11 | 8503938 | | AIR INJ ASSY,CYCLONE,620 | 1 |
| 12 | 8504002 | | ADAPTER,MOUNTING,AIR INJECTOR | 1 |
| 13 | 8581762 | | RCVR ASSY,STD,RTRY,32/36/40/44 | 1 |
| 14 | 8515506 | | VALVE,FLAPPER,RBR,1.5" | 1 |
| 15 | 8507953 | | ELBOW,45DEG,SS,CLP,2 | 1 |
| 16 | 8500370 | | FERRULE,SS,BUTT WELD ,1.5" | 2 |
| 17 | 8587507 | | BRKT,MOUNT,RCVR,STMLN,N/B | 1 |
| 18 | 8587510 | | BRKT,EXTN,RCVR,STMLN,N/B,NA | 1 |
| 19 | 8513767 | | GASKET,TRI-CLAMP,FLG,3.0" | 6 |
| 20 | 8507966 | | CLAMP,BAND,SS,3 IN | 6 |
| 21 | 8507951 | | GASKET,TRI-CLAMP,2.0" | 3 |
| 22 | 8507938 | | CLAMP,HINGED,1.5" HEAVY DUTY | 1 |
| 23 | 8507933 | | CLAMP,BAND,SS,2 IN | 3 |
| 24 | 8503779 | ⊗ | PROBE ASSY,3"ROTARY,DOUBLE | 1 |
| 25 | 8591043 | ⊗ | GASKET,LID,RECEIVER | 1 |
| 26 | 8501398 | | BRACKET,LID | 3 |
| 27 | 8501393 | | LID,PLEXIGLASS,RCVR,RP-60H | 1 |
| 28 | 8507932 | | CLAMP,BAND,SS,1-1/2" | 1 |
| 29 | 8507905 | | GASKET,TRI-CLAMP,1.5" | 1 |

Streamline Non-Basement Receiver Group Assy - EU

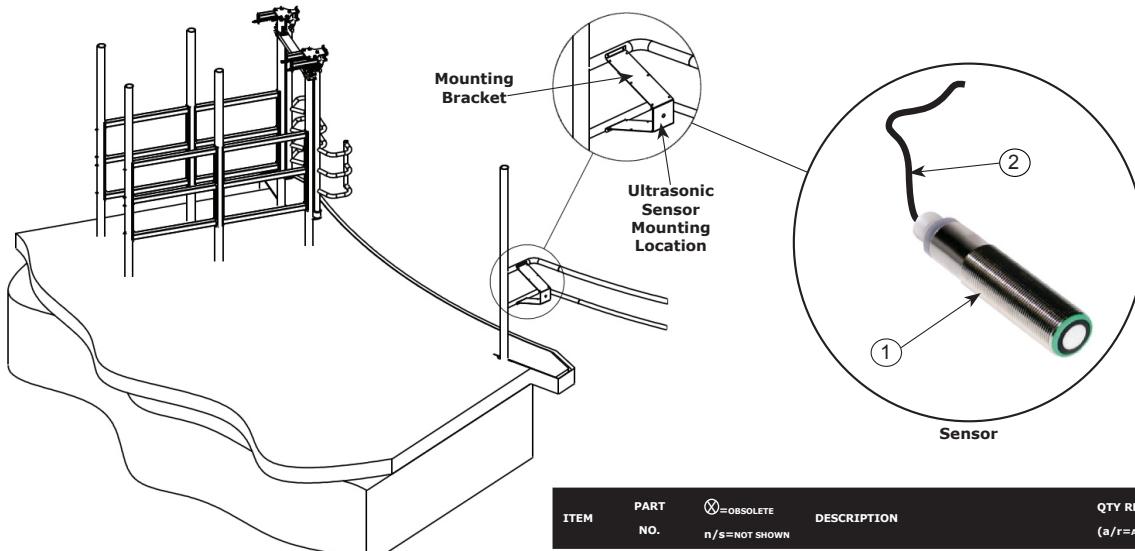
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Streamline Non-Basement Receiver Group Assy - EU (Cont.)

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|
| 1 | 8500365 | | ELBOW,45 DEG,SS,WLD,3 | 6 |
| 2 | 8500329 | | FERRULE,ROLL-ON,TC,3 | 17 |
| 3 | 8507966 | | CLAMP,BAND,SS,3 IN | 15 |
| 4 | 8513767 | | GASKET,TRI-CLAMP,FLG,3.0" | 15 |
| 5 | --- | | PIPE-3in | 1 |
| 6 | D428219 | | SUPPORT BRACKET RIGHT ANGLE 22 | 1 |
| 7 | 8500321 | | ELBOW,90DEG,SS,CLP,3" | 2 |
| 8 | 8508251 | | TRAP ASSY,SANITARY,3.00 IN | 1 |
| 9 | 8581675 | | BRACKET,HANGER,3" TUBING | 4 |
| 10 | 8587539 | | STRUT ASSY,RCVR,STMLN,N/B,EU | 2 |
| 11 | 8587507 | | BRKT,MOUNT,RCVR,STMLN,N/B | 1 |
| 12 | 8587509 | | CHANNEL,MILK PUMP,STMLN,N/B,EU | 2 |
| 13 | 8587511 | | BRACKET,MILK PUMP,STMLN,N/B | 1 |
| 14 | 8507463 | | COVER ASSY,MP,2HP,LH,VERT | 1 |
| 15 | F10536 | ⊗ | MILK RECEIVER 80L OUTPUTDIAM. | 1 |
| 16 | 8507468 | | PUMP,2HP,WASHDOWN,3PH,60HZ,CW | 1 |
| 17 | 8517429 | | LID,PLEXIGLASS,RCVR | 1 |
| 18 | 8511967 | | VALVE ASSY,DRAIN | 1 |
| 19 | 8502785 | | VALVE,BUTTERFLY,3.0,AIR CLOSED | 1 |
| 20 | 8501242 | | TEE,RDCR,SS,3"X3"X2",CLP | 1 |
| 21 | 8503938 | | AIR INJ ASSY,CYCLONE,620 | 1 |
| 22 | 8504002 | | ADAPTER,MOUNTING,AIR INJECTOR | 1 |
| 23 | 8515506 | | VALVE,FLAPPER,RBR,1.5" | 2 |
| 24 | 8500371 | | FERRULE,SS,BUTT WELD,2.00 | 1 |
| 25 | 8507904 | | FERRULE,ROLL-ON,TC,1.5 | 2 |
| 26 | 8507932 | | CLAMP,BAND,SS,1-1/2" | 2 |
| 27 | 8507933 | | CLAMP,BAND,SS,2 IN | 2 |
| 28 | 8507951 | | GASKET,TRI-CLAMP,2.0" | 2 |
| 29 | 8513975 | | PROBE ASSY,1.5" | 1 |
| 30 | 8591043 | ⊗ | GASKET,LID,RECEIVER | 1 |

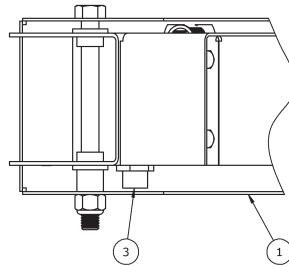
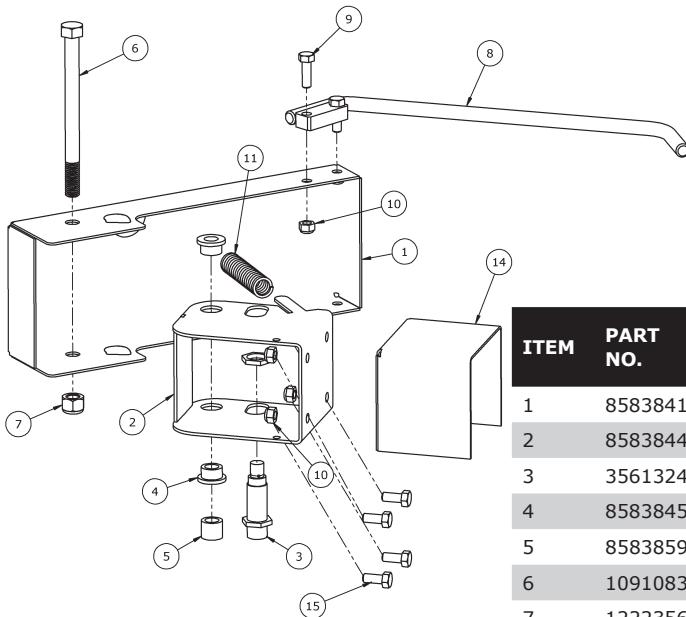
Streamline/Xcalibur 360EX Reverse Ultrasonic Sensor



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|------------------------------|-----------------------------------|
| 1 | 3561323 | | SENSOR,ULTRASONIC,70-1000MM | a/r |
| 2 | 3561321 | | CABLE,PROX,4 WIRE,SS,PVC,10M | a/r |

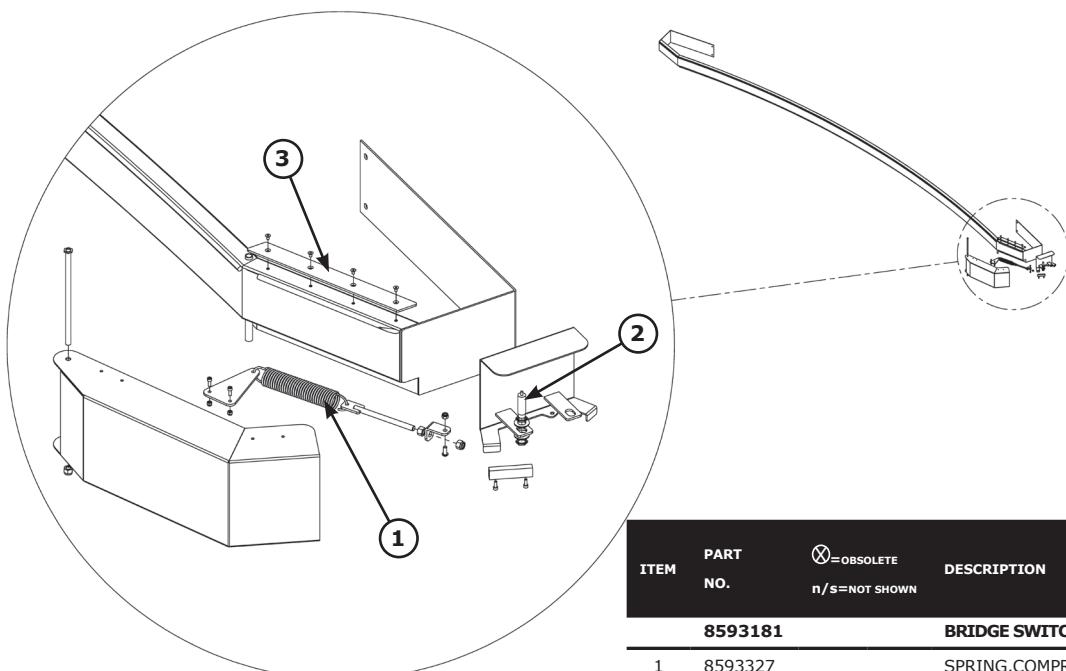
Bridge Switch (Gen. A)

| | |
|-----------------------|------------|
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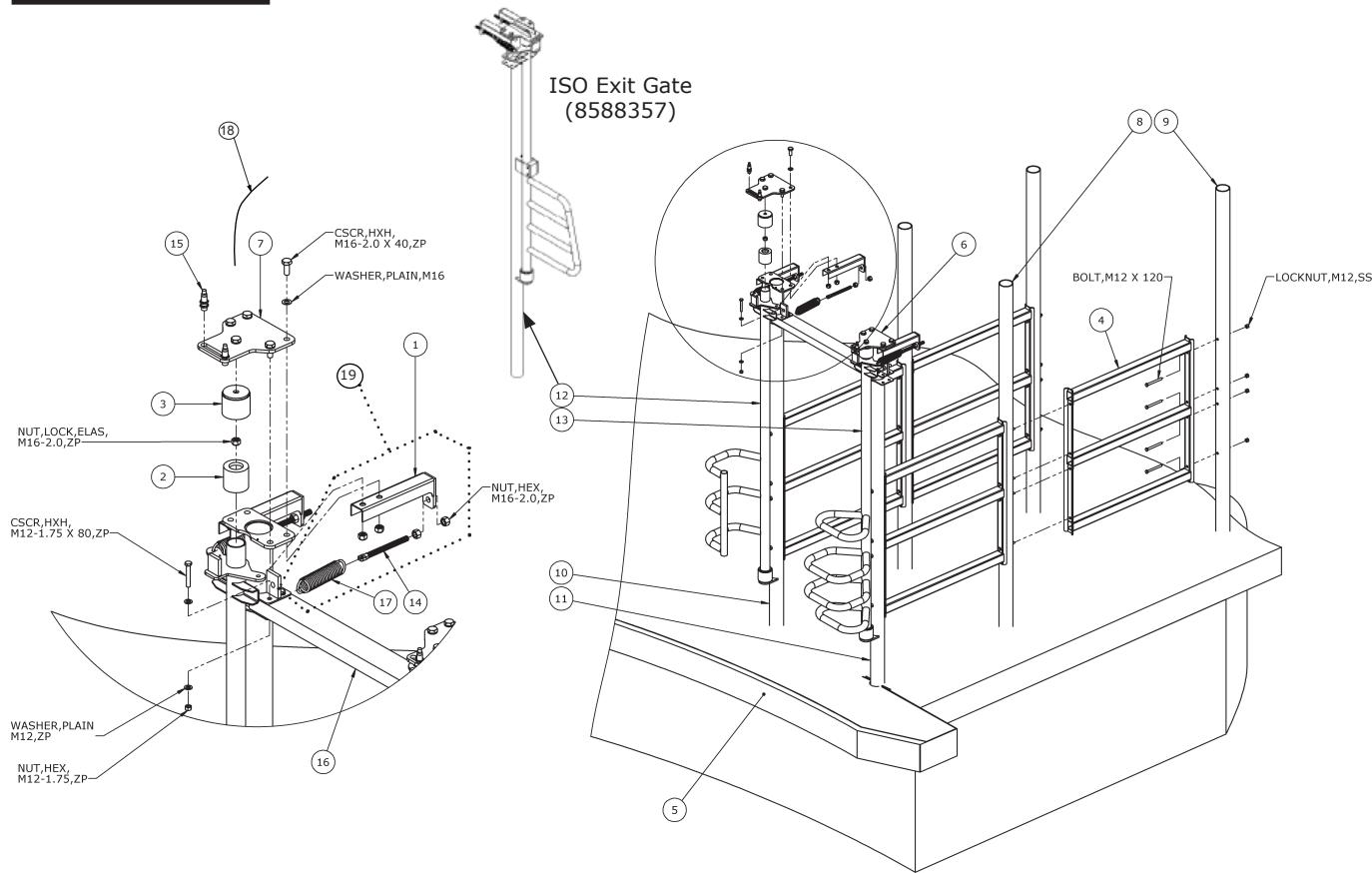
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r= AS REQ.) |
|------|----------|-----------------------------|--------------------------------|-------------------------------|
| 1 | 8583841 | | ENCLOSURE ASSY,BRIDGE SWITCH | 1 |
| 2 | 8583844 | | BRACKET ASSY,BRIDGE SWITCH | 1 |
| 3 | 3561324 | | SENSOR,INDUCTIVE,METAL HOUSING | 1 |
| 4 | 8583845 | | BEARING,FLG,BRZ,.50 X .75X .50 | 2 |
| 5 | 8583859 | | BEARING,SLV,BRZ,.50X .75X .625 | 1 |
| 6 | 1091083 | | CSCR,HXH,SS,1/2-13 X 6.00 | 1 |
| 7 | 1222356 | | NUT,LOCK,ELAS,SS,1/2-13 | 1 |
| 8 | 8583852 | | GUIDE ASSY,BRIDGE SWITCH | 1 |
| 9 | 1091029 | | CSCR,HXH,SS,5/16-18 X 1 | 2 |
| 10 | 1222353 | | NUT,LOCK,ELAS,SS,5/16-18 | 6 |
| 11 | 8583847 | | SPRING,COMPR.,.75-.091 X 3.125 | 1 |
| 12 | 8583869 | n/s | CABLE,SENSOR,4PIN,5M,FEM RTANG | 1 |
| 13 | 0201470 | n/s | CNTNR,RSC,24.00X12.00X12.00 | 1 |
| 14 | 8585426 | | EXTENSION,BRIDGE SWITCH C.C.W. | 1 |
| | 8585459 | | EXTENSION,BRIDGE SWITCH C.W. | 1 |
| 15 | 1091027 | | CSCR,HXH,SS,5/16-18 X 3/4 | 4 |
| 16 | 4016897 | n/s | LUBRICANT,ANTI-SEIZE | REF |

Bridge Switch (Gen. B)



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r= AS REQ.) |
|------|----------|-----------------------------|--------------------------------|-------------------------------|
| | 8593181 | | BRIDGE SWITCH ASSY, EX | |
| 1 | 8593327 | | SPRING,COMPR,BRIDGE SWITCH | 1 |
| 2 | 3561324 | | SENSOR,INDUCTIVE METAL HOUSING | 1 |
| 3 | 8595580 | | PLATE,GUIDE,BRIDGE SWITCH | 1 |

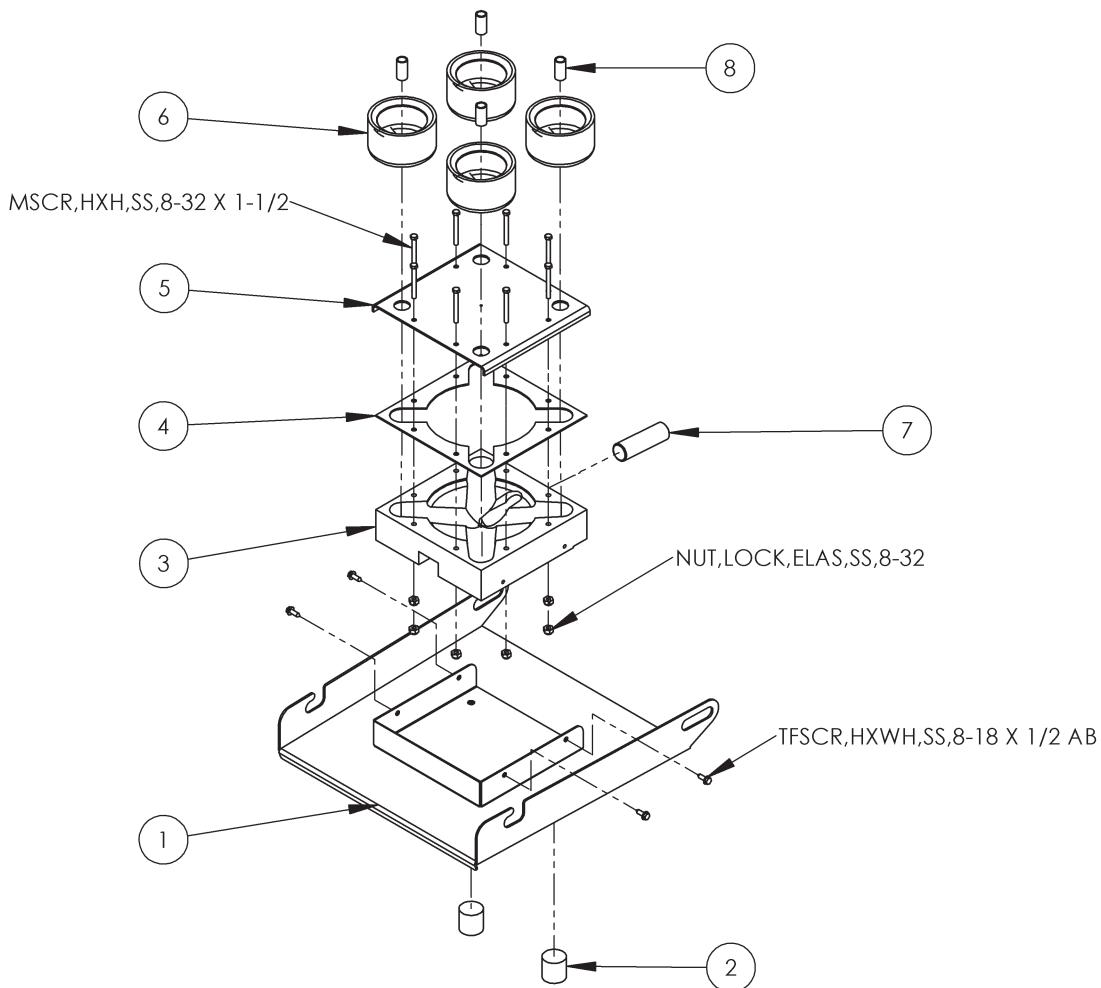
**Streamline/Xcalibur 360EX Entrance Gate
(Detail Portal Antenna)**



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--|-----------------------------------|
| 1 | 8584364 | | BRKT,SPRG,ENTR SAFTY,GALV,XCAL | 3 |
| 2 | 8583988 | | BUSHING,ENTR SAFTY,INNER,XCAL | 4 |
| 3 | 8583990 | ⊗ | BUSHING,ENTR SAFTY,OUTER,XCAL | 4 |
| 4 | 8583996 | | FENCING,ENTR,GALV,XCAL | 4 |
| 5 | | | FRAME,BRIDGE,SS,50,XCAL | 1 |
| 6 | 8584363 | | PLATE,TOP,ENTR SAFTY,GALV,1PRX | 1 |
| 7 | 8584362 | ⊗ | PLATE,TOP,ENTR,SAFTY,GALV,2PRX | 1 |
| 8 | 8583881 | ⊗ | POST,ENTR FENCE,LONG,GALV,XCAL | 2 |
| 9 | 8583880 | ⊗ | POST,ENTR FENCE,SHRT,GALV,XCAL | 2 |
| 10 | 8583883 | ⊗ | POST,ENTR,INNER,GALV,XCAL | 1 |
| 11 | 8583882 | ⊗ | POST,ENTR,OUTER,GALV,XCAL | 1 |
| | 8583984 | | POST,SAFTY,ENTR,INSD,CW,GALV | 1 |
| 12 | 8587296 | | POST,SAFTY,ENTR,INSD,CCW,GALV | 1 |
| | 8588357 | | GATE, EXIT, ISO, ROTARY | a/r |
| 13 | 8583985 | | POST,SAFTY,ENTR,OUT,GALV,XCAL | 1 |
| 14 | 8583981 | | ROD,THR'D,M16,SAFTY SPRG,XCAL | 3 |
| 15 | 3561324 | | SENSOR,INDUCTIVE,METAL HOUSING (PROXIMITY SENSOR) | 3 |
| 16 | 8504156 | ⊗ | SPACER,GATE,ENTR/EXIT,ROTARY | 1 |
| 17 | 8503990 | | SPRING,TENSIONER | 3 |
| | 3561320 | ⊗ | CABLE,PROX,4-WIRE,SS,PVC,5M | a/r |
| 18 | 3561321 | | CABLE,PROX,4-WIRE,SS,PVC,10M | a/r |
| | 3560766 | | CABLE,PROX,4-WIRE,SS,PVC,25M | a/r |
| 19 | 8594465 | | ENTRY BRACKET W/SPRING | a/r |

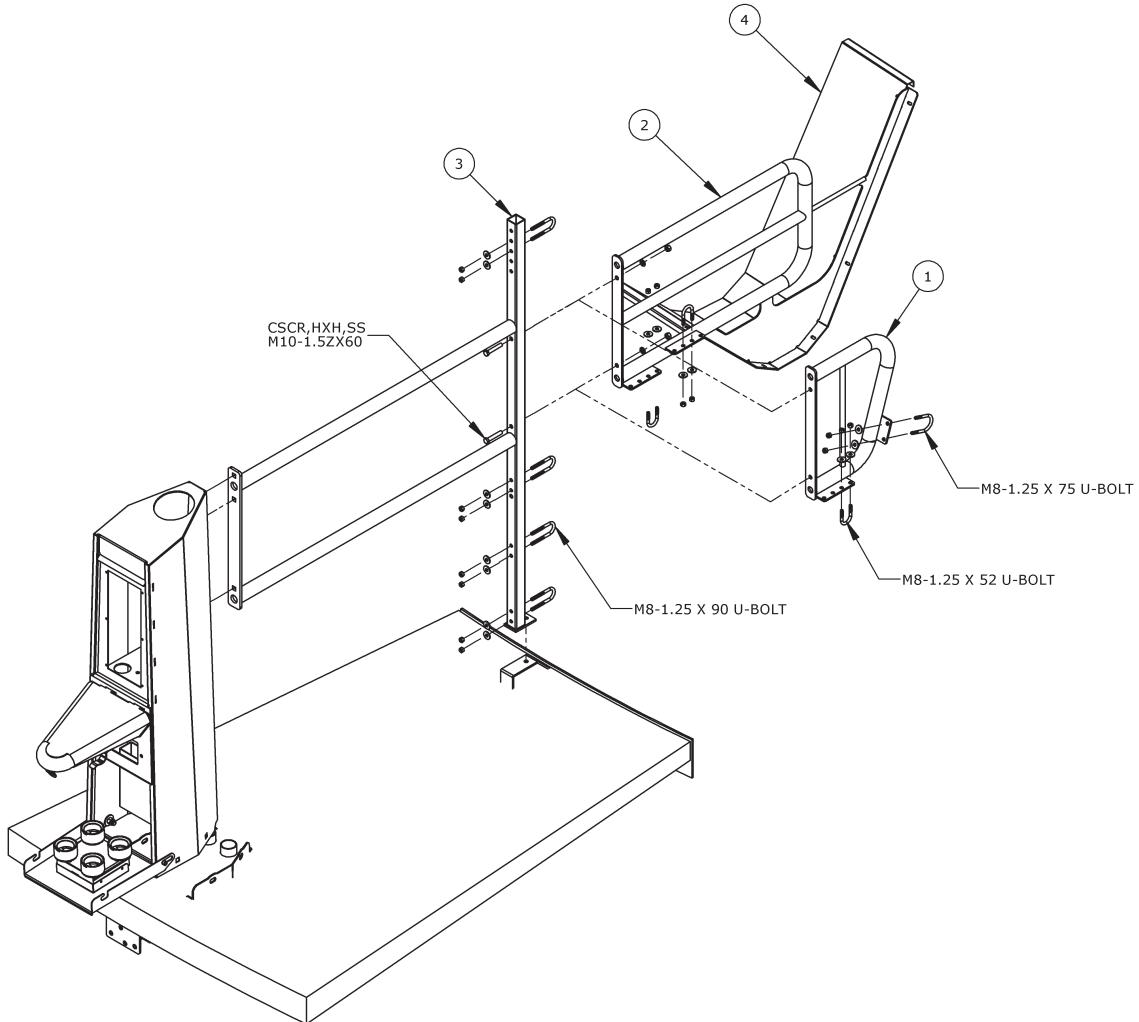
Streamline Jetter Assembly

| | |
|-----------------------|-------------------|
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| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--|-----------------------------------|
| 1 | 8594593 | | DOOR, JETTER, STREAMLINE | 1 |
| 2 | 8587590 | | BUMPER,RBR,JETTER DOOR,STMLN | 2 |
| 3 | 8502895 | | DISTRIBUTOR,JETTER,ROTARY | 1 |
| 4 | 8502896 | | GASKET,JETTER,ROTARY PARLOR | 1 |
| 5 | 8502898 | | COVER,JETTER,ROTARY PARLOR | 1 |
| 6 | 8586151 | ⊗ | CUP,JETTER,LOW PROFILE,LONG | 4 |
| | 8589308 | | CUP,JETTER,MAGNUM SERIES, LONG, CS/100 | a/r |
| 7 | 3553772 | | TUBE,SS,.750 X .049 X 2.50 | 1 |
| 8 | 8513215 | | TUBE,.44 X .049 X .88,SS | 4 |

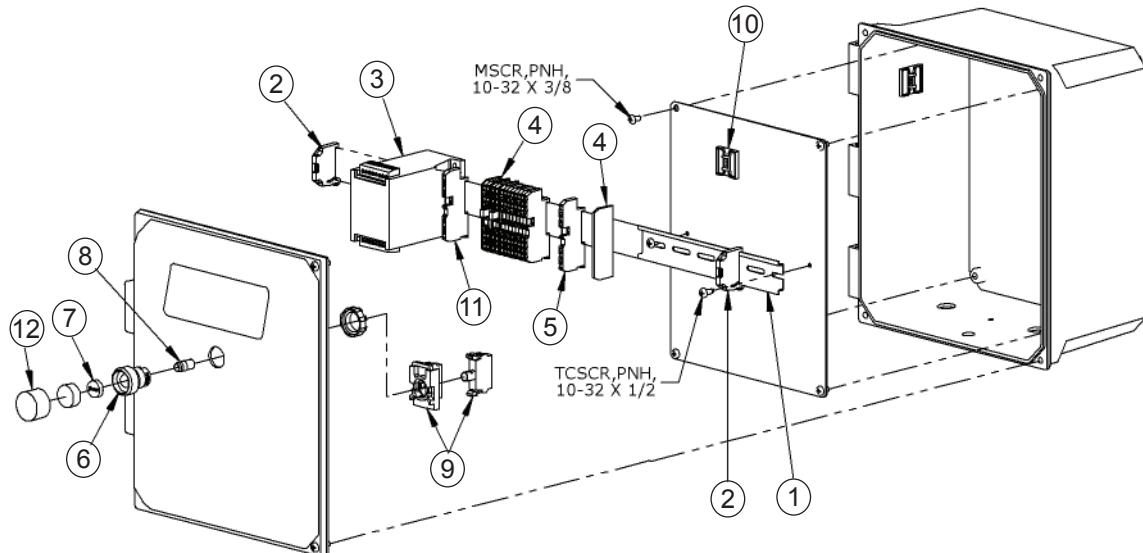
Streamline Stall Divider Fence



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|
| 1 | 8583893 | ⊗ | SPLITTER,NOFEEDING,STMLN | 1 |
| 2 | 8585034 | ⊗ | SPLITTER,FEEDING,GALV,STMLN | 1 |
| 3 | 8583897 | ⊗ | FENCE,STALL DIVIDER,STREAMLINE | 1 |
| 4 | 8585046 | | TROUGH,FEEDING,SS,50,STMLN | 1 |

Safety Mat Controller

| | |
|-----------------------|-------------------|
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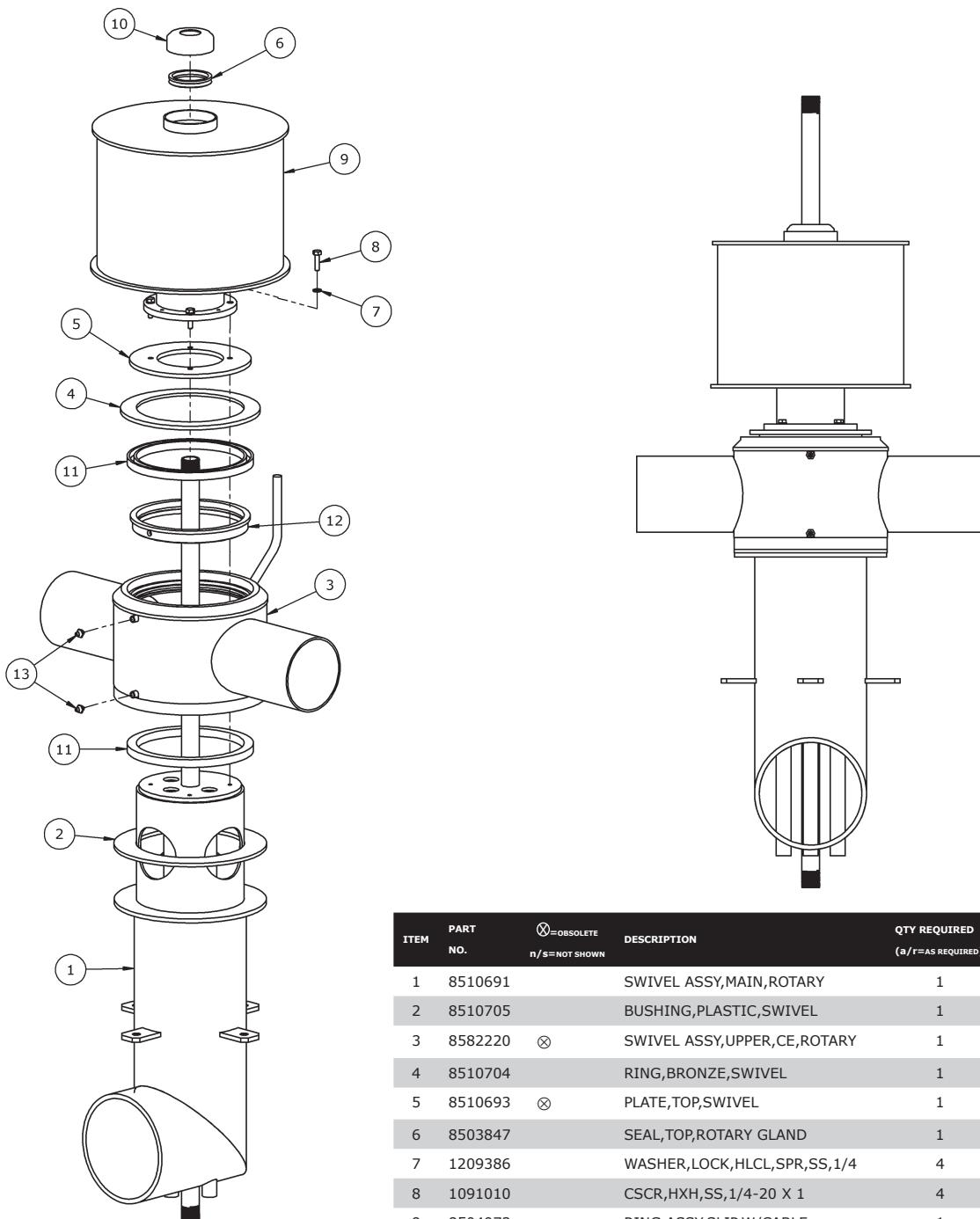


| | Width | Length |
|---------------|-------|--------|
| 2023 | 2 ft | 3 ft |
| Prior to 2023 | 3 ft | 4 ft |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|-------------------------------|-----------------------------------|
| --- | 8582413 | | CONTROLLER ASSY,SAFETY MAT | - |
| 1 | 3557978 | | RAIL,DIN,2M LONG X 35MM WIDE | a/r |
| 2 | 3558274 | | BRACKET,END,CONN,DIN RAIL MTG | 2 |
| 3 | 8582412 | | CONTROLLER,SAFETY MAT | 1 |
| 4 | 3559012 | | BARRIER,CONN,DIN RAIL MTG | 4 |
| 5 | 3558253 | | CONNECTOR,PWR,DIN RAIL MTG | 13 |
| 6 | 8582444 | | PUSHBUTTON,RED | 1 |
| 7 | 8582593 | | CAP,TEXT,RESET | 1 |
| 8 | 8582445 | | LED,SWITCH,RED | 1 |
| 9 | 8582443 | | BLOCK,CONTACT,NO | 1 |
| 10 | 1979400 | | RETAINER,MISC,SM MOUNT,NYLON | 3 |
| 11 | 3559011 | | CONNECTOR,PWR,PE,DIN RAIL MTG | 1 |
| 12 | 3560777 | | MEMBRANE,SWITCH,EXTEND,RUBBER | 1 |
| 13 | 1996553 | n/s | WIRE,STRD,18AWG,BLUE | a/r |
| 14 | 1996554 | n/s | WIRE,STRD,18AWG,WHT/BLU | a/r |
| 15 | 8582411 ¹ | | MAT,SAFETY | a/r |

Note:
1. Safety Mat not included with control assembly

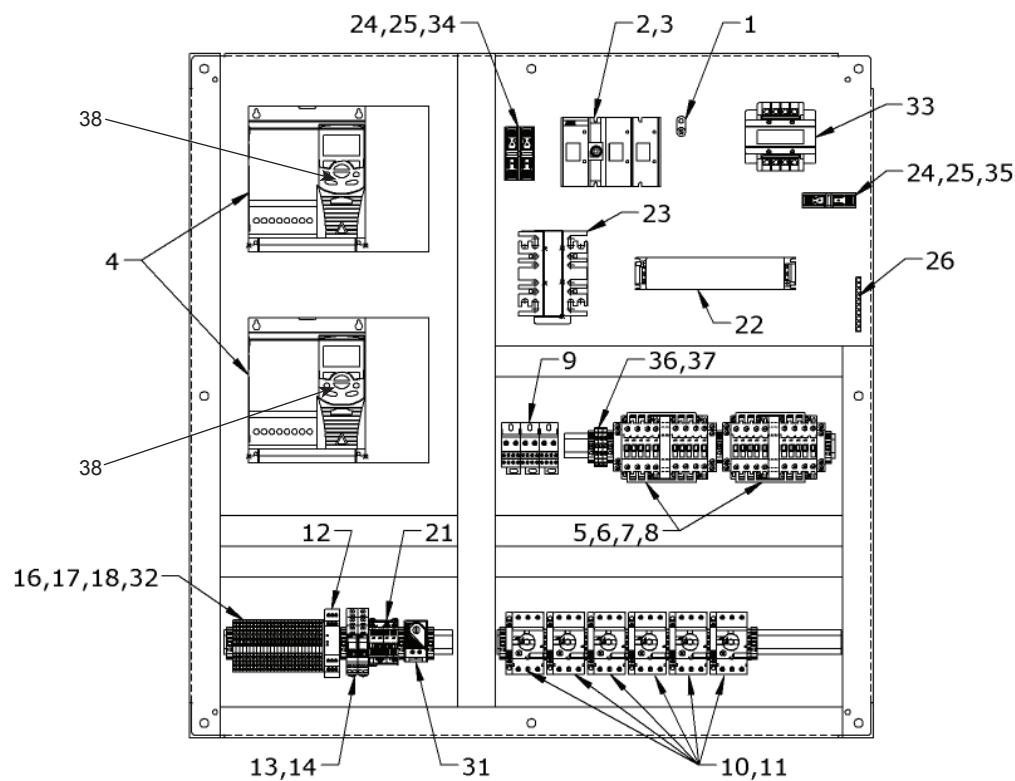
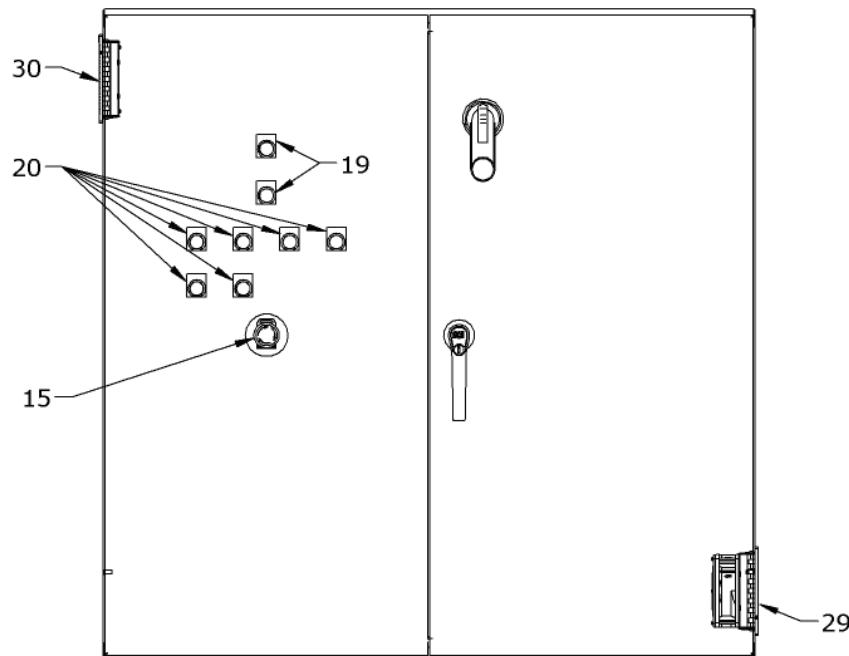
Streamline™/Xcalibur™ Swivel



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|-------------------------------|-----------------------------------|
| 1 | 8510691 | | SWIVEL ASSY,MAIN,ROTARY | 1 |
| 2 | 8510705 | | BUSHING,PLASTIC,SWIVEL | 1 |
| 3 | 8582220 | ⊗ | SWIVEL ASSY,UPPER,CE,ROTARY | 1 |
| 4 | 8510704 | | RING,BRONZE,SWIVEL | 1 |
| 5 | 8510693 | ⊗ | PLATE,TOP,SWIVEL | 1 |
| 6 | 8503847 | | SEAL,TOP,ROTARY GLAND | 1 |
| 7 | 1209386 | | WASHER,LOCK,HLCL,SPR,SS,1/4 | 4 |
| 8 | 1091010 | | CSCR,HXH,SS,1/4-20 X 1 | 4 |
| 9 | 8504073 | | RING ASSY,SLIP,W/CABLE | 1 |
| 10 | 8510245 | | CAP,DRIP EDGE,RING ASSY | 1 |
| 11 | 8503843 | | SEAL,162X190X12,SWIVEL,VACUUM | 2 |
| 12 | 8510689 | | BUSHING,BRONZE,SWIVEL | 2 |
| 13 | 3552192 | | FITTING,GREASE,1/4-28 | 2 |
| 14 | 201328 | | CNTNR,HSC,50.50X26.50X24.00,B | 1 |

Electric Drive Control Assemblies

| | |
|-----------------------|-------------------|
| SECTION I | PAGE 37 |
| EFFECTIVE: 6/30/21 | |



Note: The above figures do not represent all E-Drive controls.
Some components may change.

Electric Drive Control Assemblies (Cont.)

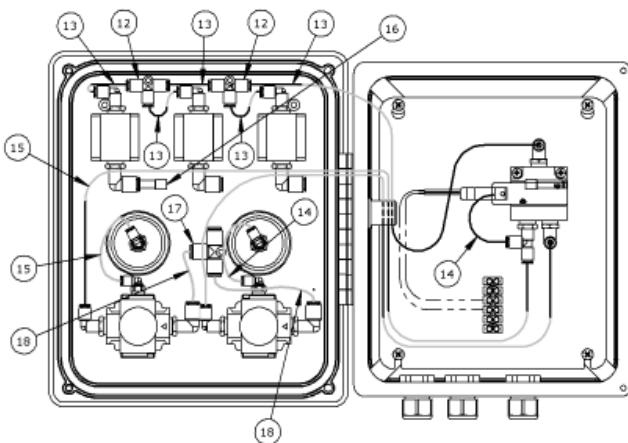
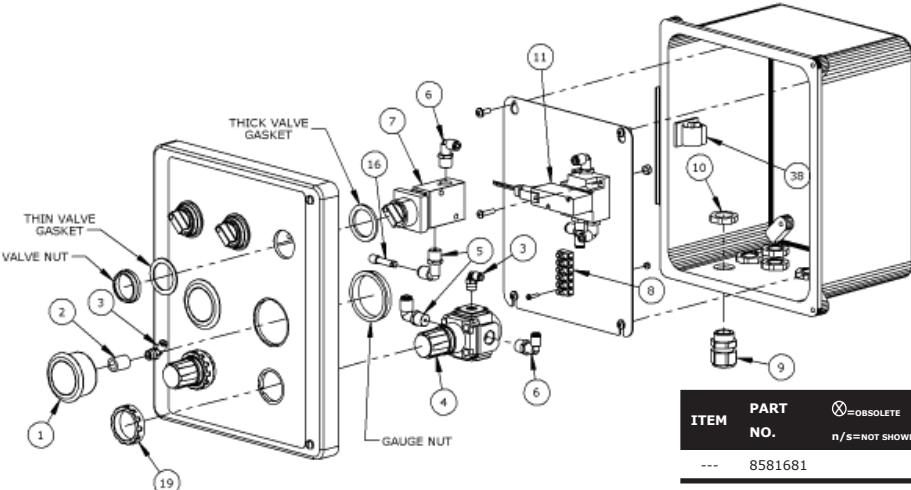
| ITEM | PART NO. | X=OBSCU RE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | | | | | | |
|------|-----------------------------------|--------------------------------|--------------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|----|----|------|---|
| | | | | 1998 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 3561998 | | CTRL ASSY,E-DRIVE,480V,15HP,2D | 1998 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 3562037 | | CTRL ASSY,EDRIVE,240V,7.5HP,1D | - | 2037 | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 3562038 | | CTRL ASSY,EDRIVE,240V,7.5HP,2D | - | - | 2038 | - | - | - | - | - | - | - | - | - | - | - | |
| | 3562039 | | CTRL ASSY,E-DRIVE,240V,15HP,1D | - | - | - | 2039 | - | - | - | - | - | - | - | - | - | - | |
| | 3562040 | | CTRL ASSY,E-DRIVE,240V,15HP,2D | - | - | - | - | 2040 | - | - | - | - | - | - | - | - | - | |
| | 3562041 | | CTRL ASSY,E-DRIVE,240V,15HP,8M | - | - | - | - | - | 2041 | - | - | - | - | - | - | - | - | |
| | 3562042 | | CTRL ASSY,EDRIVE,480V,7.5HP,1D | - | - | - | - | - | - | 2042 | - | - | - | - | - | - | - | |
| | 3562043 | | CTRL ASSY,EDRIVE,480V,7.5HP,2D | - | - | - | - | - | - | 2043 | - | - | - | - | - | - | - | |
| | 3562044 | | CTRL ASSY,E-DRIVE,480V,15HP,1D | - | - | - | - | - | - | - | 2044 | - | - | - | - | - | - | |
| | 3562045 | | CTRL ASSY,E-DRIVE,480V,15HP,8M | - | - | - | - | - | - | - | - | 2045 | - | - | - | - | - | |
| | 8591948 | | CTRL ASSY,E-DRIVE,480V,20HP,2D | - | - | - | - | - | - | - | - | - | 1948 | - | - | - | - | |
| | 8592866 | | CTRL ASSY,E-DRIVE,480V,30HP,2D | - | - | - | - | - | - | - | - | - | - | 2866 | - | - | - | |
| | 8593023 | | CTRL ASSY,E-DRIVE,240V,15HP,SF | - | - | - | - | - | - | - | - | - | - | - | - | - | 3023 | |
| 1 | 4040109 | | LUG,GROUND | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| | 3562068 | | SWITCH,FUSED DISCONNECT,60A | 1 | 1 | 1 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 2 | 3562109 | | SWITCH,FUSED DISCONNECT,100A | - | - | - | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - |
| | 3562119 | | SWITCH,FUSED DISCONNECT,30A | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - |
| | 3562071 | | FUSE,HIGH SPEED DRIVE,35A | 3 | - | - | - | - | - | - | - | 3 | 3 | 3 | 3 | 3 | 3 | - |
| 3 | 3562105 | | FUSE,HIGH SPEED DRIVE,60A | - | 3 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| | 3562110 | | FUSE,HIGH SPEED DRIVE,90A | - | - | - | 3 | 3 | 3 | - | - | - | - | - | - | - | - | - |
| | 3562115 | | FUSE,HIGH SPEED DRIVE,20A | - | - | - | - | - | 3 | 3 | - | - | - | - | - | - | - | - |
| | 3562072 ² | | DRIVE,VFD,ACS355 HD,15HP,480V | 2 | - | - | - | - | - | - | - | 1 | 2 | 2 | 2 | - | - | |
| 4 | 3562106 ² | | DRIVE,VFD,ACS355 HD,7.5HP,240V | - | 1 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| | 3562111 ² | | DRIVE,VFD,ACS355 HD,15HP,240V | - | - | - | 1 | 2 | 2 | - | - | - | - | - | - | - | - | - |
| | 3562116 ² | | DRIVE,VFD,ACS355 HD,7.5HP,480V | - | - | - | - | - | 1 | 2 | - | - | - | - | - | - | - | - |
| 5 | 4032728 ^⑧ | | ACCESSORY CONTACT,2-POLE | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | - |
| | 3561994 ¹ ^⑧ | | CONTACTOR,34A,NON REV,24VDC, | 4 | 3 | 4 | - | - | - | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | - |
| | 3562114 ¹ ^⑧ | | CONTACTOR,65A,NON REV,24VDC | - | - | - | 3 | 4 | 4 | - | - | - | - | - | - | - | - | - |
| | 3563968 | | CONT ASSY,XCAL360,480V,7.5/15 | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | - | - |
| 6 | 3563969 | | CONT ASSY,XCAL360,480V,15 | 2 | - | 2 | - | - | - | - | 2 | - | 2 | - | - | - | - | - |
| | 3563970 | | CONT ASSY,XCAL360,240V,7.5 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 3563971 | | CONT ASSY,XCAL360,480V,20 | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| | 3563972 | | CONT ASSY,XCAL360,240V,15 | - | - | - | 1 | - | - | - | - | - | - | - | - | - | - | - |
| | 3563973 | | CONT ASSY,XCAL360,240/480V,20 | - | - | - | - | 2 | 2 | - | - | - | - | - | 2 | 2 | - | - |
| 7 | 3562073 | | SURGE SUPPRESSOR,12-32VDC | 5 | 3 | 5 | 3 | 5 | 5 | 3 | 5 | 3 | 5 | 3 | 5 | 5 | 5 | - |
| 8 | 3562074 | | INTERLOCK,MECH/ELECT,2NC | 2 | 1 | 2 | - | - | - | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | - |
| | 3562112 | | INTERLOCK,MECH/ELECT,2NC | - | - | - | 1 | 2 | 2 | - | - | - | - | - | - | - | - | - |
| 9 | 3562075 | | BLOCK,POWER DIST,1-POLE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - |
| 10 | 3561993 | | OVERLOAD,MOTOR,2.5-4 AMP | 6 | - | - | - | - | - | 4 | 4 | 6 | 8 | 10 | 12 | - | - | - |
| | 3562107 | | OVERLOAD,MOTOR,4.0-6.3AMP | - | 4 | 4 | 6 | 6 | 8 | - | - | - | - | - | - | - | - | - |
| 11 | 3562076 | | CONTACT,SIDE MOUNT,AUX,1NO/1NC | 6 | 4 | 4 | 6 | 6 | 8 | 4 | 4 | 6 | 8 | 10 | 12 | - | - | - |
| 12 | 3562077 | | RELAY,EMERGENCY STOP | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 13 | 3562078 | | RELAY,2 CO,24VDC | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | - |
| 14 | 3562079 | | RELAY BASE | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | - |
| 15 | 3562080 | | E-STOP, 2NC | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 16 | 3562084 | | END STOP | 10 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | - |
| 17 | 3562085 | | TERMINAL BLOCK,MA2.5/5.4L,30A | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | - |
| 18 | 3562086 | | END COVER | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - |
| 19 | 3562088 | | LED INDICATOR,GREEN | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | - |
| 20 | 3562089 | | LED INDICATOR,YELLOW | 6 | 4 | 4 | 6 | 6 | 8 | 4 | 4 | 6 | 8 | 10 | 12 | - | - | - |
| 21 | 3562091 | | RELAY,4-POLE,2NO/2NC,24VDC | 1 | - | 1 | - | 1 | 1 | - | 1 | - | 1 | 1 | 1 | 1 | - | - |
| 22 | 3562092 | | FILTER,EMC,3-PH,480V,25A | 1 | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | - |
| | 3562117 | | FILTER,EMC,3-PH,480V,16A | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - |
| | 3562093 | | INPUT REACTOR,15HP,480V,21A | 1 | 1 | 1 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 23 | 3562113 | | INPUT REACTOR,15HP,230V,46.2A | - | - | - | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - |
| | 3562118 | | INPUT REACTOR,7.5HP,480V,11A | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - |
| 24 | 3562124 | | FUSEHOLDER,MODULAR | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | - | - | - | - | - |
| 25 | 3562125 | | COVER,FUSE | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | - | - | - | - |
| 26 | 3562094 | | GROUNDBAR | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | - |
| 27 | 3561984 | n/s | CONN,DOME,M25 X 1.5,RFI PROOF | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | - |
| 28 | 3561985 | n/s | NUT,LOCK,M25 X 1.5,RFI PROOF | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | - |
| 29 | 3562095 | | FAN ASSEMBLY, NEMA 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | - | - | - |
| 30 | 3562096 | | FILTER,ENCLOSURE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | - | - | - |

Electric Drive Control Assemblies (Cont.)

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | | | | | | | | | | | |
|------|----------|--------------------------------|-----------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| | | | 1998 | - | - | - | - | - | - | - | - | - | - | - |
| | 3561998 | CTRL ASSY,E-DRIVE,480V,15HP,2D | 1998 | - | - | - | - | - | - | - | - | - | - | - |
| | 3562037 | CTRL ASSY,EDRIVE,240V,7.5HP,1D | - | 2037 | - | - | - | - | - | - | - | - | - | - |
| | 3562038 | CTRL ASSY,EDRIVE,240V,7.5HP,2D | - | - | 2038 | - | - | - | - | - | - | - | - | - |
| | 3562039 | CTRL ASSY,E-DRIVE,240V,15HP,1D | - | - | - | 2039 | - | - | - | - | - | - | - | - |
| | 3562040 | CTRL ASSY,E-DRIVE,240V,15HP,2D | - | - | - | - | 2040 | - | - | - | - | - | - | - |
| | 3562041 | CTRL ASSY,E-DRIVE,240V,15HP,8M | - | - | - | - | - | 2041 | - | - | - | - | - | - |
| | 3562042 | CTRL ASSY,EDRIVE,480V,7.5HP,1D | - | - | - | - | - | - | 2042 | - | - | - | - | - |
| | 3562043 | CTRL ASSY,EDRIVE,480V,7.5HP,2D | - | - | - | - | - | - | - | 2043 | - | - | - | - |
| | 3562044 | CTRL ASSY,E-DRIVE,480V,15HP,1D | - | - | - | - | - | - | - | - | 2044 | - | - | - |
| | 3562045 | CTRL ASSY,E-DRIVE,480V,15HP,8M | - | - | - | - | - | - | - | - | - | 2045 | - | - |
| | 8591948 | CTRL ASSY,E-DRIVE,480V,20HP,2D | - | - | - | - | - | - | - | - | - | - | 1948 | - |
| | 8592866 | CTRL ASSY,E-DRIVE,480V,30HP,2D | - | - | - | - | - | - | - | - | - | - | - | 2866 |
| | 8593023 | CTRL ASSY,E-DRIVE,240V,15HP,SF | - | - | - | - | - | - | - | - | - | - | - | 3023 |
| 31 | 3562097 | THERMOSTAT N.O. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - |
| 32 | 3562098 | JUMPER BAR,2-POLE | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | - |
| 33 | 3562099 | XFMR,240-480 IN/115 OUT,100VA | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| 34 | 3562100 | FUSE,PRIMARY,1 AMP | 2 | - | - | - | - | - | 2 | 2 | 2 | 2 | - | - |
| 34 | 3562108 | FUSE,PRIMARY,2 AMP | - | 2 | 2 | 2 | 2 | 2 | - | - | - | - | - | - |
| 35 | 3562101 | FUSE,SECONDARY,1-1/4 AMP | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | - |
| 36 | 3562102 | TERMINAL BLOCK,M6/8,50A | 3 | - | - | - | - | - | 3 | 3 | 3 | 3 | 3 | - |
| 37 | 3562103 | END COVER,FEM6 | 1 | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | - |
| 38 | 3563955 | KEYPAD,DRIVE,E DRIVE | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | - |

Notes: 1. Contactors 3561994 & 3562114 are replaced by Contactor Assemblies 3563968 - 3563973.
 2. Replacement drives are not shipped with Keypad - 3563955.

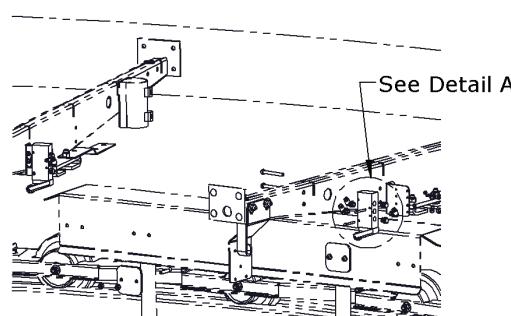
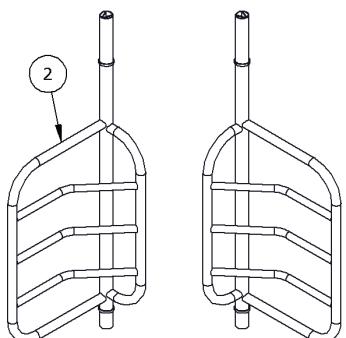
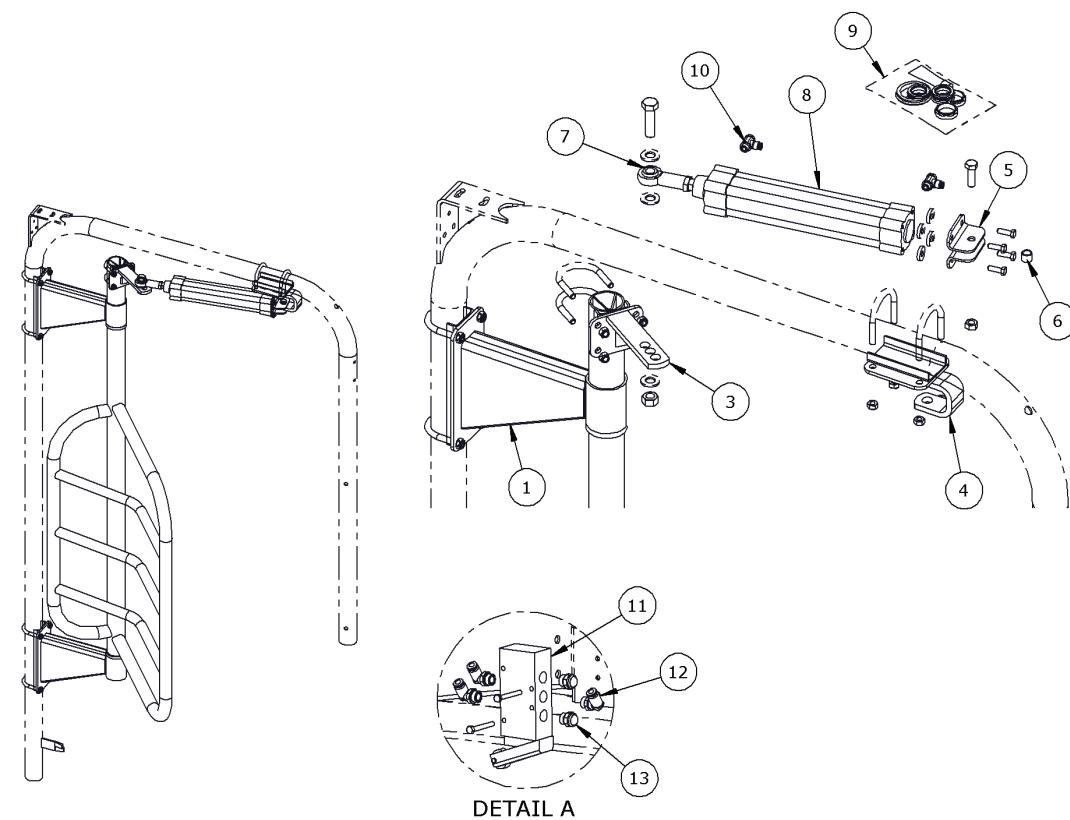
Xcalibur 360 Air Control Assembly



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|--------------------------------|-----------------------------------|
| --- | 8581681 | CONTROL ASSY,AIR,XCAL 360 | - |
| 1 | 8581678 | GAUGE,PRESSURE,150 PSI,1/8 NPT | 2 |
| 2 | 1400640 | COUPLING,GALV,1/8 | 2 |
| 3 | 3554451 | CONN,SWL,ELB,5/32 OD X 1/8 NPT | 4 |
| 4 | 8581677 | REGULATOR,AIR,PANEL MT | 2 |
| 5 | 8507022 | CONN,SWL,ELB,1/4 OD X 1/4 NPT | 5 |
| 6 | 8507015 | CONN,SWL,ELB,5/32 OD X 1/4 NPT | 5 |
| 7 | 8581679 | VALVE,3-WAY,MANUAL TWIST | 3 |
| 8 | 1917628 | CONNECTOR,TERM STRIP,6-POS | 1 |
| 9 | 1917533 | CONN,STR-RLF,.20-.35,1/2 NPT | 5 |
| 10 | 1917551 | CONNECTOR,DOME,NUT,1/2NPT | 5 |
| 11 | 8581707 | VALVE,SOLENOID,24VDC,W/FIT | 1 |
| 12 | 8507090 | CONN,PUSH,TEE,5/32 | 2 |
| 13 | 3556250 | HOSE,NYL,GRN,5/32 OD X 500 FT | A/R |
| 14 | 3556254 | HOSE,NYL,BLU,5/32 OD X 500 FT | A/R |
| 15 | 3556249 | HOSE,NYL,RED,5/32 OD X 500 FT | A/R |
| 16 | 8515588 | CONN,PUSH,PLUG,1/4 | 1 |
| 17 | 8507225 | CONN,PUSH,TEE,1/4 X 1/4 | 1 |
| 18 | 8519183 | TUBE,NYLON,NAT,.25 OD X .035W | A/R |
| 19 | 8588107 | NUT,REGULATOR,AR25 | 2 |

Xpedia 360IX Sequencing Gate

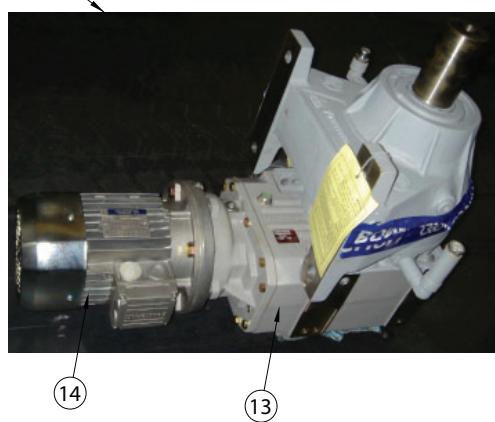
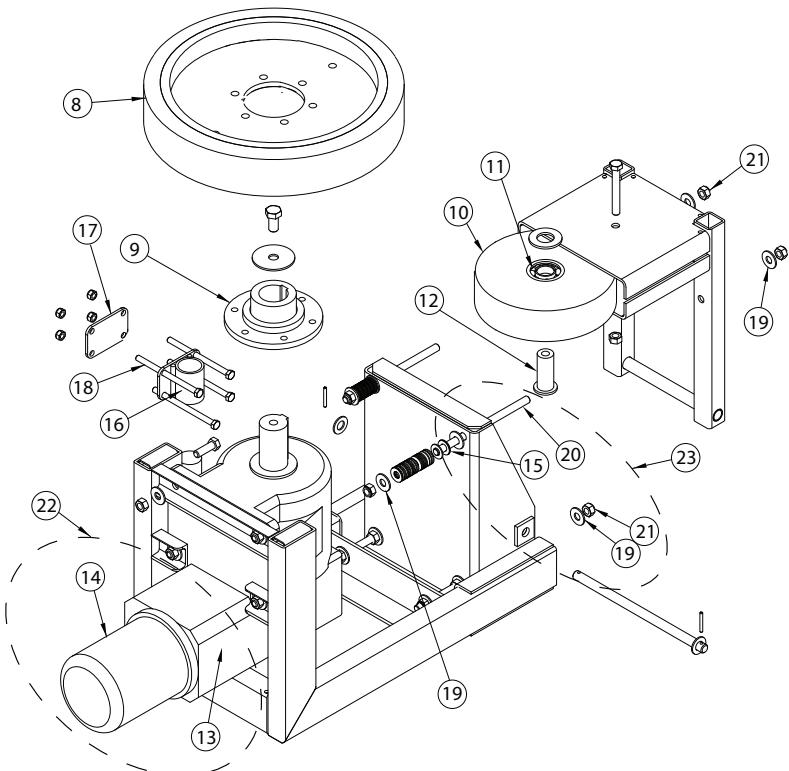
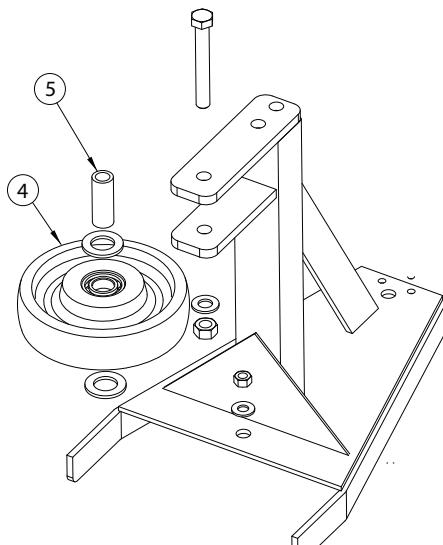
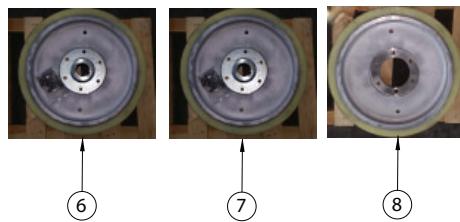
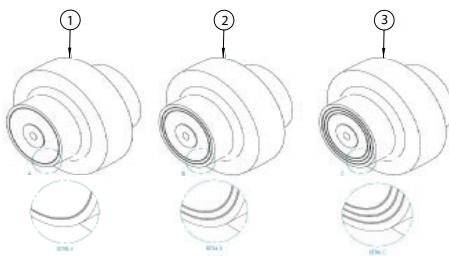
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------------------------------|----------|-------------------------------|-----------------------------------|
| Xpedia 360IX Sequencing Gate | | | |
| 1 | 8582147 | BEARING,STALL GATE,XPEDIA 360 | a/r |
| 2 | 8582148 | STALL GATE,CW/CCW,XPEDIA 360 | a/r |
| 3 | 8582149 | CYLINDER ARM,STALL GATE | a/r |
| 4 | 8582150 | SUPPORT,CYLINDER, BACK | a/r |
| 5 | 8582151 | BRACKET,CYLINDER BODY | a/r |
| 6 | 8582152 | COVER,LG 15MM | a/r |
| 7 | 8582153 | HINGE,M16XD16 | a/r |
| 8 | 8582154 | CYLINDER,D50X250 | a/r |
| 9 | 8582155 | GASKET PACK,CYLINDER,D50,GGN | a/r |
| 10 | 8582156 | FLOW REGULATOR,D4-6,G1/4 | a/r |
| 11 | 8582169 | WHEEL VALVE,D5/2,G1/4 | a/r |
| 12 | 8582170 | ELBOW,COUPLING,D4-6,G1/4 | a/r |
| 13 | 8582174 | SILENCER,G1/4 | a/r |



Xpedia 360IX Drive Components

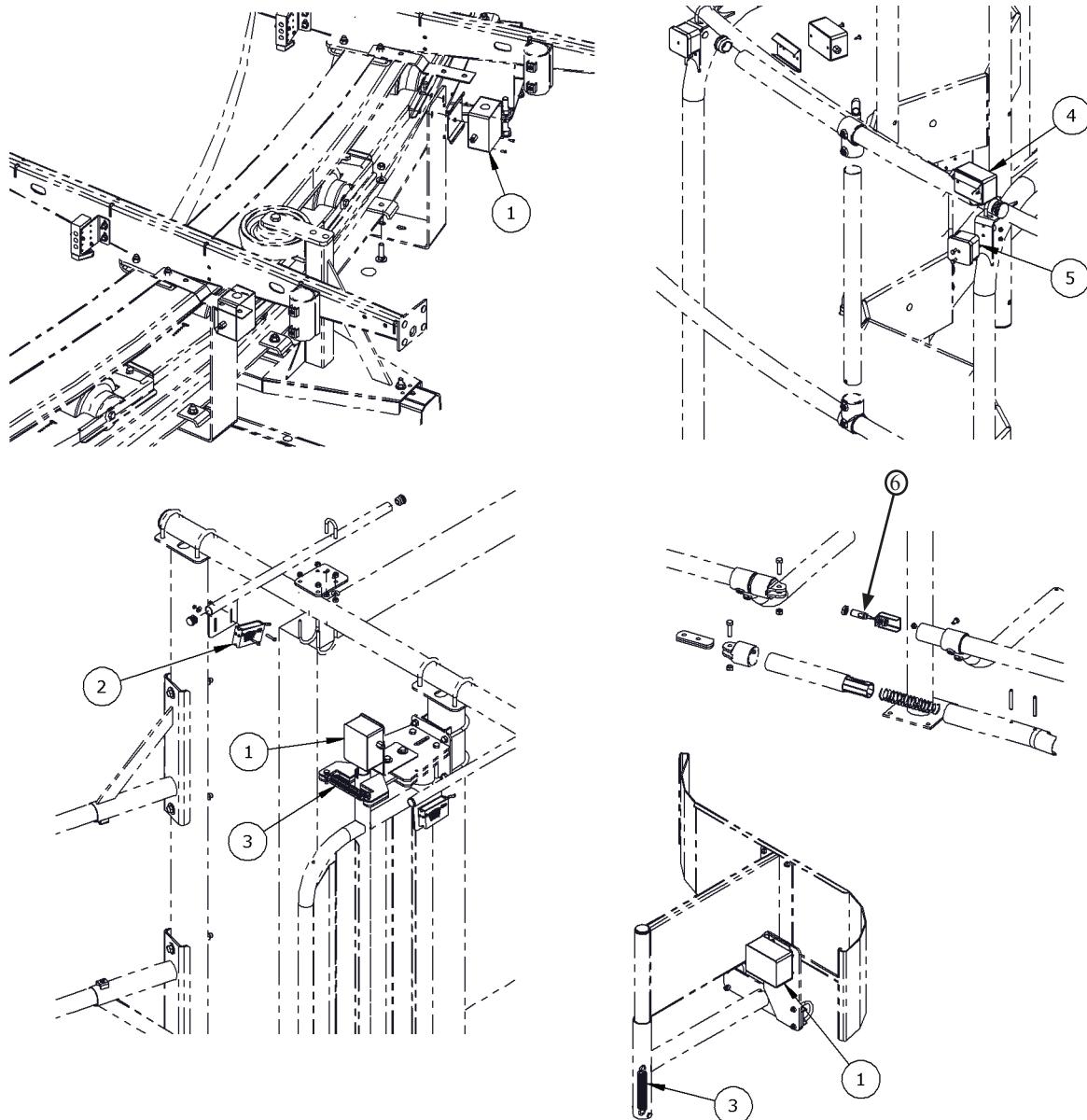
| | |
|--------------|-------------------|
| SECTION I | PAGE 41 |
| EFFECTIVE: | 8/3/23 |

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQ. (a/r=AS REQ.) |
|------|-----------------|-----------------------------|---|---------------------------|
| 1 | 8582135 | | ROLLER,105-91-110,XPEDIA 360 (IX:16/4,20/4 EX:24,28,32) | a/r |
| 2 | 8582136 | | ROLLER,107-19-110,XPEDIA 360 (IX:24/4,28/4,32/4 EX:36,40,44) | a/r |
| 3 | 8582137 | | ROLLER,107-85-110,XPEDIA 360 (IX:36/4) | a/r |
| 4 | 8582138 | | GUIDE ROLLER,D200X50,XPEDIA360 | a/r |
| 5 | 8585495 | | RING,GUIDE ROLLER,25-17X65MM | a/r |
| 6 | 8582139 | ⊗ | DRIVING WHEEL,D550X105,XP36 | a/r |
| 7 | 8592119 | | DRIVE WHEEL XPEDIA360 ASSY (replacment for pn 8582139) | a/r |
| 8 | 8582117 | | DRIVE WHEEL XPEDIA360 W/O HUB | a/r |
| 9 | 8582118 | | HUB DRIVE WHEEL XPEDIA360 | a/r |
| 10 | 8582140 | | COUNTERWHEEL,XPEDIA 360 | a/r |
| 11 | 8582141 | | BALL BEARING,D80-35x17.6307 | a/r |
| 12 | 8582142 | | SPACER,COUNTERWHEEL,XP360 | a/r |
| 13 | 8591018 | | GEARBOX, XPEDIA IX:16/4,20/4 EX:24,28 | a/r |
| | 8591019 | | GEARBOX, XPEDIA EX:32 36 | a/r |
| | 8591020 | | GEARBOX, XPEDIA IX:24/4,28/4 EX:40 | a/r |
| | 8591021 | | GEARBOX, XPEDIA IX:32/4,36/4 | a/r |
| 14 | 8582146 (shown) | | EU: MTR,0.75KW,230/400V,50HZ,IP55 | a/r |
| | 8591022 | | US: MOTOR,GEAR, 0,75KW CSA | a/r |
| 15 | 8585502 | | SPRING, WASHER, 16, 3 X 34 X 2 | a/r |
| 16 | 8595928 | | MOUNT,UPPER BRNG,DRIVE,XPEDIA360 | a/r |
| 17 | 8595929 | | PLATE,UPPER BRNG,XPEDIA360 | a/r |
| 18 | 8587132 | | U-BOLT,RECT,140 X 80,+EF | a/r |
| 22 | 8582143 | | GEARBOX & EU MOTOR, XPEDIA IX:16/4,20/4 X:24,28 (includes items 13 & European 14) | a/r |
| | 8582144 | | GEARBOX & EU MOTOR, XPEDIA EX:32 36 (includes items 13 & European 14) | a/r |
| | 8582145 | | GEARBOX & EU MOTOR XPEDIA IX:24/4,28/4 EX:40 (includes items 13 & European 14) | a/r |
| | 8592115 | | GEARBOX & EU MOTOR, XPEDIA IX:32/4,36/4 (includes items 13 & European 14) | a/r |
| 23 | 8593531 | | KIT MAINTENANCE GEARMOTOR (includes items 15, 19, 20 and 21) | a/r |



Xpedia 360IX Framework & Sensors

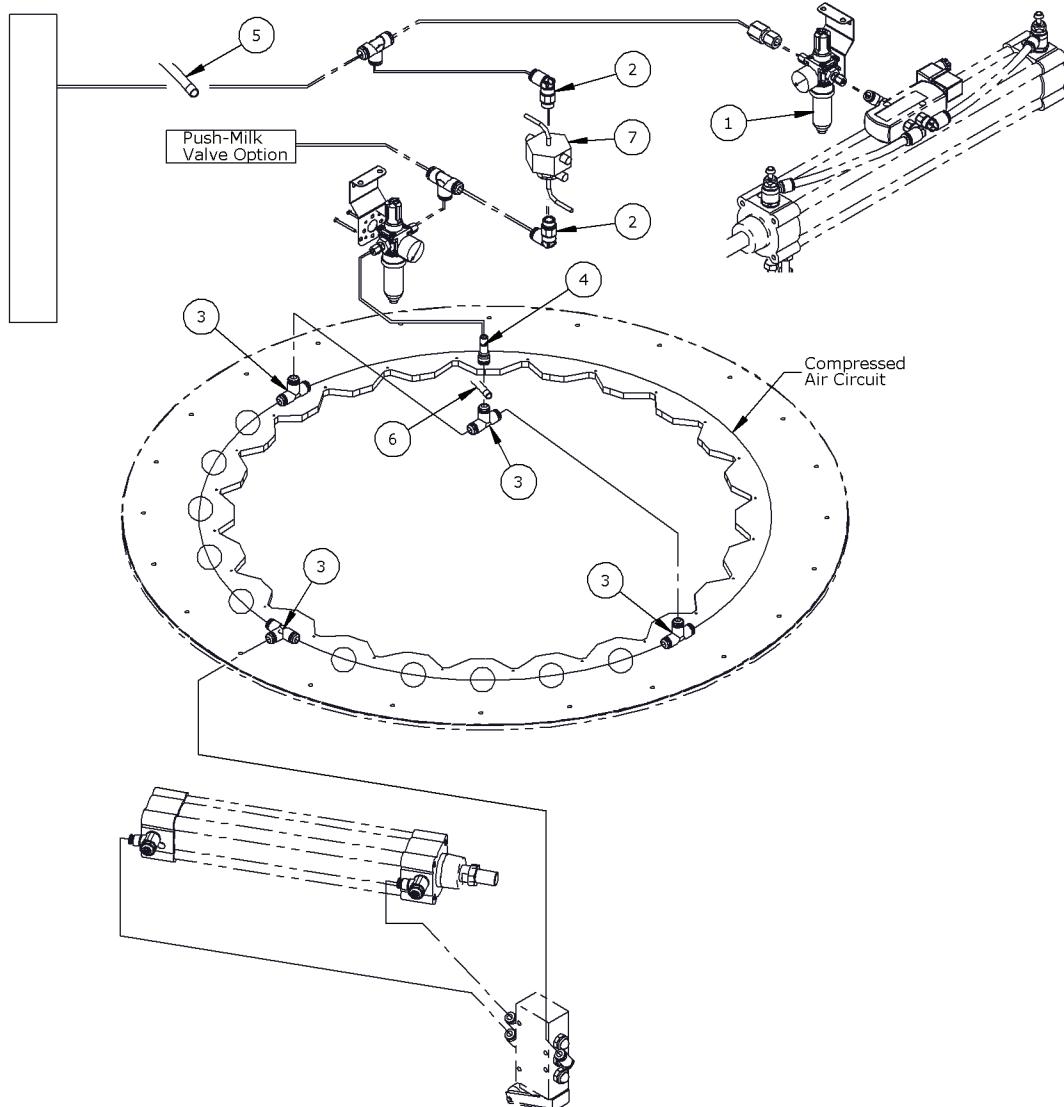
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|----------------------------------|-----------------------------------|
| --- | | Xpedia 360IX Framework & Sensors | - |
| 1 | 8514188 | BOX,SENSOR,D30,XPEDIA 360 | 3 |
| 2 | 8514187 | CELL,PHOTO-ELECTRIC,XPEDIA | 1 |
| 3 | 8582177 | SPRING,D25X165,STRAIGHT,BLUE | 2 |
| 4 | 8514198 | BOX,IR RCVR,STOP/SLO,NO OFF-HK | 1 |
| 5 | 8587114 | BOX,IR TRANSMITTER,NO OFF-HOOK | 1 |
| 6 | 8589548 | PROX SENSOR,24VDC,D30 | 1 |



Xpedia 360 EX and IX Pneumatics

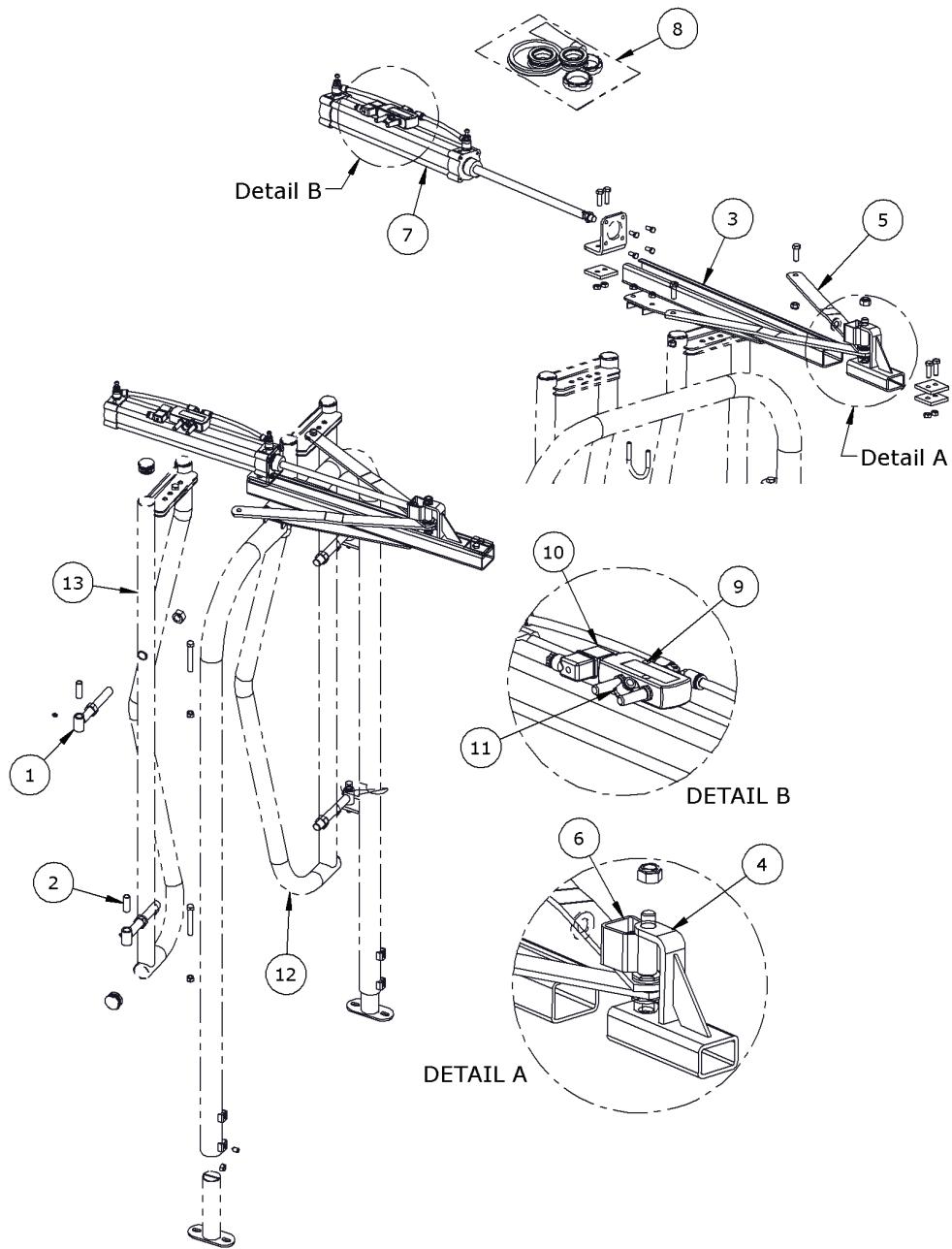
| | |
|-----------------------|------------|
| SECTION I | PAGE 43 |
| EFFECTIVE: 10/4/13 | |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|-------------------------|----------|--------------------------------|-----------------------------------|
| Xpedia 360IX Pneumatics | | | |
| 1 | 8582167 | ASSY,FILTER,REGULATOR,D50,G1/2 | 2 |
| 2 | 8582171 | ELBOW,COUPLING,D6-8,G1/4 | 2 |
| 3 | 8582172 | TEE,COUPLING,D6-6-6 | 4 |
| 4 | 8582173 | TUBE REDUCTION,D6-8,D4-6 | 1 |
| 5 | 8582175 | TUBE,D6-8 | a/r |
| 6 | 8582176 | TUBE,D4-6 | a/r |
| 7 | 8530577 | COMPLETE SWIVEL XPEDIA 360 | 1 |



Xpedia 360IX Texas Gate

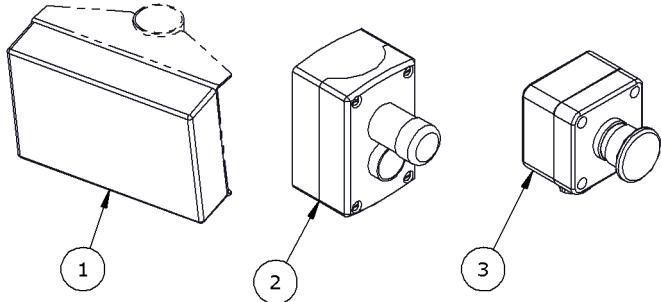
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|--------------------------------|-----------------------------------|
| --- | | Xpedia 360IX Texas Gate | - |
| 1 | 8582157 | HINGE,ADJUSTABLE,M22X165 | 4 |
| 2 | 8582158 | WEAR RING ,LG 49MM | 4 |
| 3 | 8582159 | RAIL SUPPORT,UPPER,TEXAS DR | 1 |
| 4 | 8582160 | SLIDE,TEXAS DOOR | 1 |
| 5 | 8582161 | ROD,TEXAS DOOR | 1 |
| 6 | 8582162 | CYLINDER STEM,TEXAS DOOR | 1 |
| 7 | 8582163 | CYLINDER,D63x400,PRE-MOUNTED | 1 |
| 8 | 8582164 | GASKET PACK,CYLINDER,D63,PES | 1 |
| 9 | 8582165 | VALVE,D5/2,NC,G1/4,24VDC | 1 |
| 10 | 8582166 | COIL,24VDC,VALVE | 1 |
| 11 | 8582171 | ELBOW,COUPLING,D6-8,G1/4 | 1 |
| 12 | 8588247 | GATE ASSY,ENTR,LH,XPEDIA 360IX | 1 |
| 13 | 8588248 | GATE ASSY,ENTR,RH,XPEDIA 360IX | 1 |



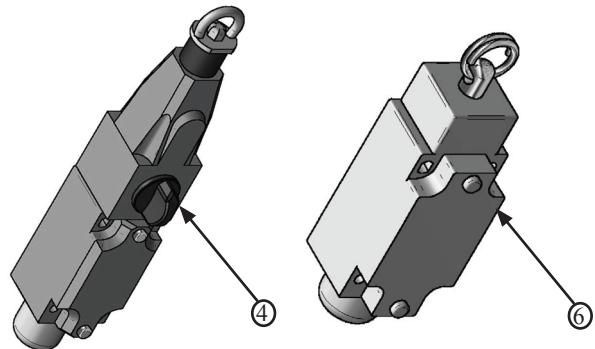
Xpedia 360IX & 360EX Security

| | |
|-----------------------|-------------------|
| SECTION I | PAGE 45 |
| EFFECTIVE: 10/4/13 | |

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|------------------------------|-----------------------------------|
| --- | | Xpedia 360IX Controls | - |
| 1 | 8514194 | KEYBOARD,CONTROL,ROTARY | 1 |
| 2 | 8582937 | BOX,2-BTN,START/STOP,XPD 360 | 1 |
| 3 | 8582938 | BOX,1-BTN,EMER STOP,XPD 360 | 1 |

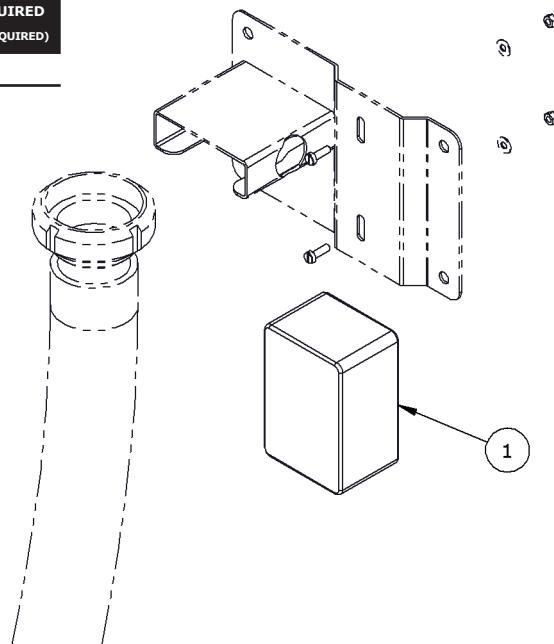


| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|----------------------------|-----------------------------------|
| --- | | Xpedia 360EX Controls | - |
| 4 | 8582910 | ROPE SWITCH EMERGENCY STOP | |
| 5 | 8589549 | n/s CABLE, E-STOP | |
| 6 | 8582911 | ROPE SWITCH START STOP | |
| 7 | 8589550 | n/s CABLE, START STOP | |

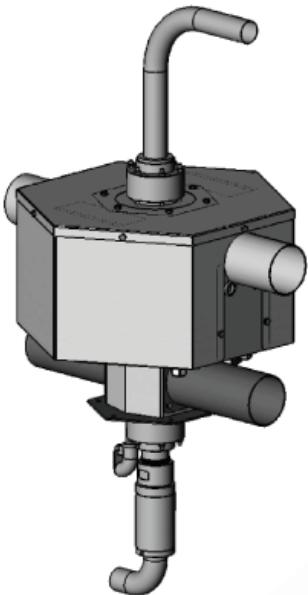


Xpedia 360IX and 360EX Wash Position Sensor

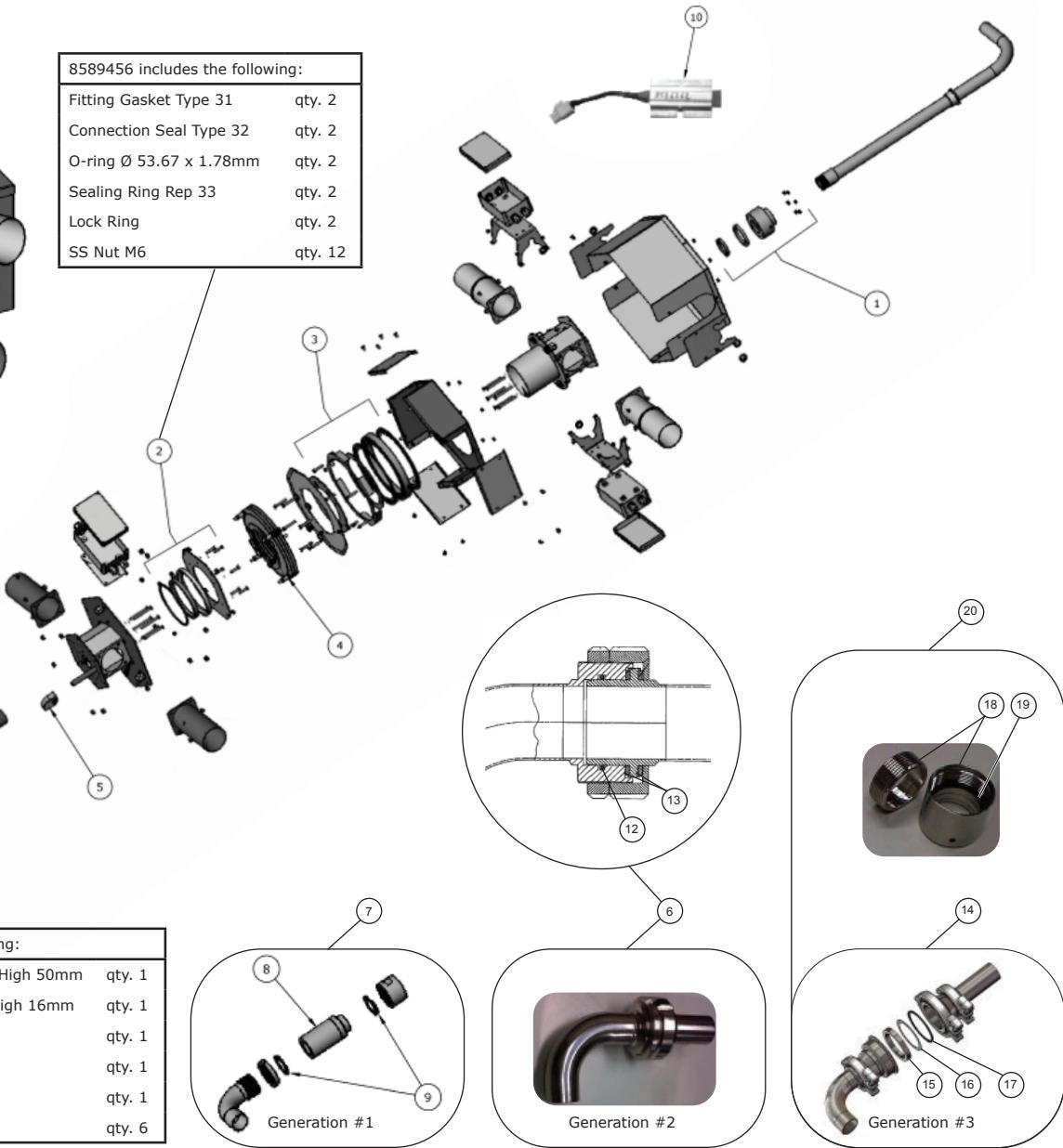
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------------|-----------------------------------|
| --- | | Xpedia 360IX Wash Position Sensor | - |
| 1 | 8514189 | BOX,SENSOR,D18,WASH POS,XPEDIA | 1 |



Xpedia 360IX Controls



| | |
|---------------------------------|---------|
| 8589456 includes the following: | |
| Fitting Gasket Type 31 | qty. 2 |
| Connection Seal Type 32 | qty. 2 |
| O-ring Ø 53.67 x 1.78mm | qty. 2 |
| Sealing Ring Rep 33 | qty. 2 |
| Lock Ring | qty. 2 |
| SS Nut M6 | qty. 12 |



8589458 includes the following:

| | |
|-------------------------------------|--------|
| Fitting Body Bronze Ø98mm High 50mm | qty. 1 |
| Bronze Fitting Cap Ø98mm High 16mm | qty. 1 |
| Gasket Fitting Type 31 | qty. 1 |
| Connection Seal Type 32 | qty. 1 |
| O-ring Ø 53.67 x 1.78mm | qty. 1 |
| SS Nut M6 | qty. 6 |

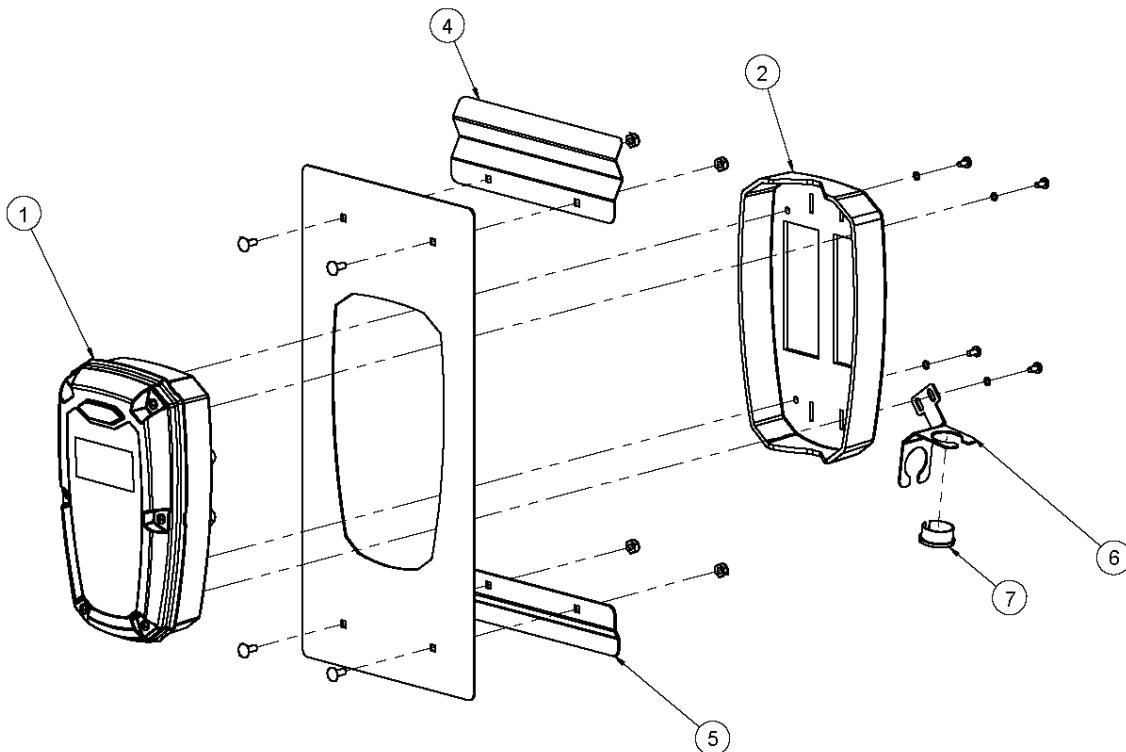
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|--|-----------------------------------|
| --- | 8530577 | | Xpedia 360IX Controls | - |
| 1 | 8589458 | | KIT,SWIVEL,XPEDIA,AIR (includes item 11) | 2 |
| 2 | 8589456 | | KIT,SWIVEL,XPEDIA,SEALS | 1 |
| 3 | 8589455 | | KIT,SWIVEL,XPEDIA,BEARING | 1 |
| 4 | 8589454 | | KIT,SWIVEL,XPEDIA,ELEC | 1 |
| 5 | 8589453 | | KIT,SWIVEL,XPEDIA,DRAIN VALVE | 1 |
| 6 | T408206 ¹ | ⊗ | UNION, ROTATION, D.40 | 1 |
| 7 | 8589459 ¹ | pre-2011 | KIT,SWIVEL,XPEDIA,MILK | |
| 8 | 8583440 | pre-2011 | MILK SWIVEL 1.5" XPEDIA 360 | |
| 9 | 8582936 | pre-2011 | KIT,SEALS,MILK SWIVEL,1.5",XPD | |
| 10 | 8586362 | | SWIVEL,HEAT RESIST,XPEDIA 360 | 1 |

Notes:
1. Replaced by item 14.

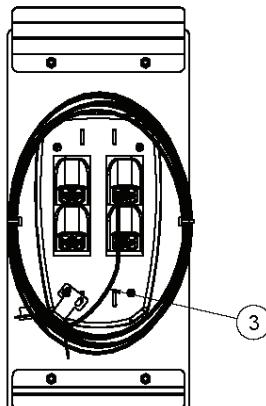
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|-----------|-----------------------------|--------------------------------|-----------------------------------|
| --- | 8530577 | | Xpedia 360IX Controls | - |
| 11 | 8586122 | n/s | KIT,GASKET,AIR SWIVEL,XPD 360 | 1 |
| 12 | D242114 | | O-RING ROTARY COUPLING DIA40 | 1 |
| 13 | D380519 | | WASHER SEALING ROTARY COUPLING | 2 |
| 14 | 608590366 | | MILK SWIVEL ASSY DIA40 CPL,F. | 1 |
| 15 | 8512637 | | SEAL,SWIVEL,2.375x3.005x.375 | 1 |
| 16 | 8512636 | | GASKET,SWIVEL,2.385x2.965x.034 | 1 |
| 17 | 8512638 | | SEAL,LOWER,MILK SWIVEL | 1 |
| 18 | D110024 | | COUPLING DIA40 STN STEEL MELOT | 1 |
| 19 | D242179 | | SEAL DIA40 COUPLING MILK PUMP | 1 |
| 20 | 8589463 | | KIT,SWIVEL,XPEDIA,MILK,BM | a/r |

**Streamline 360EX and Xpedia 360EX
AMI 5450 Cover Assembly**

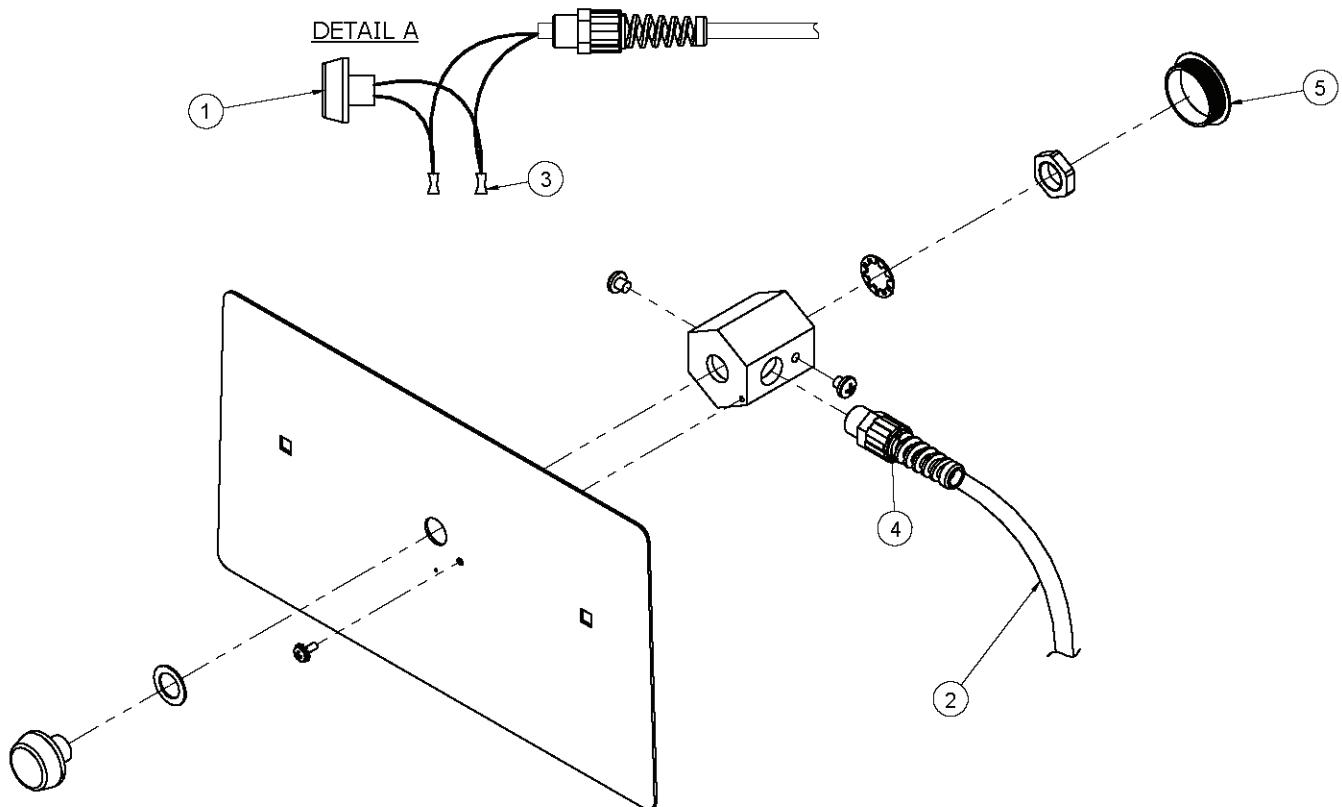
| | |
|-----------------------|-------------------|
| SECTION I | PAGE 47 |
| EFFECTIVE: 2/13/14 | |



BACK VIEW

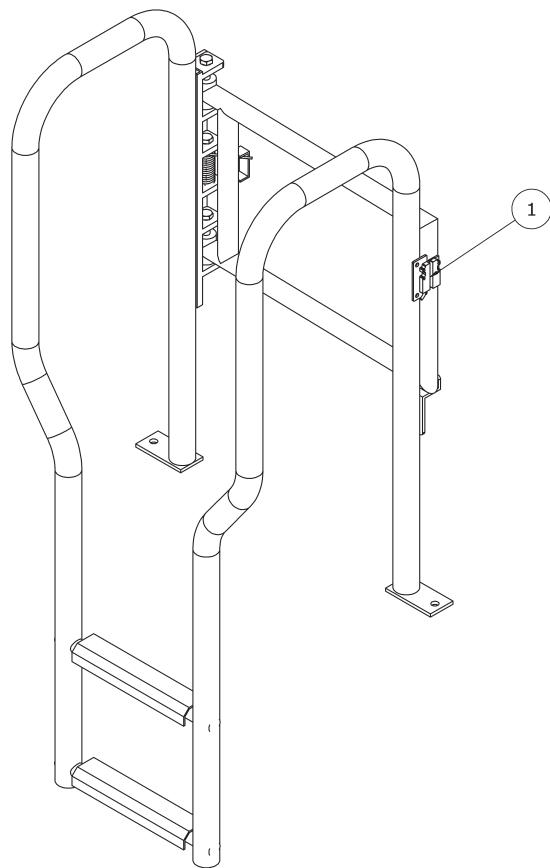


| Item | P/N | ⊗=Obsolete n/s=Not Shown | Description | Qty. Required |
|------|---------|-----------------------------|------------------------------|------------------|
| - | 3562428 | n/s | COVER ASSY,STMLN 360EX,5450 | 428 - |
| - | 3562430 | | COVER ASSY,XPEDIA 360EX,5450 | - 430 |
| 1 | 3562341 | | CONTROL ASSY,5450 | 1 1 |
| 2 | 3562311 | | ENCLOSURE,MOUNT,5450 | 1 1 |
| 3 | 3560979 | | CABLE ASSY,PULSATOR,120" | 1 1 |
| 4 | 3561271 | | TAB,CATCH,COVER,360EX,TOP | 1 - |
| | 3560959 | | TAB,CATCH,COVER,360EX,V-PNT | - 1 |
| 5 | 3561272 | | TAB,CATCH,COVER,360EX,BOTT. | 1 - |
| | 8582989 | | TAB,CATCH,COVER,ROTARY CAB | - 1 |
| 6 | 3562375 | | BRACKET,WIRE ROUTING,5450 | - 1 |
| 7 | 3562376 | | BUSHING,SPLIT,NYLON,OCB-1000 | - 1 |



| Item | P/N | ⊗=Obsolete n/s=Not Shown | Description | Qty. | Required |
|------|---------|-----------------------------|--------------------------------|------|----------|
| - | 3562429 | | PANEL ASSY,STMLN360EX,1SW,5450 | 29 | - |
| - | 3562431 | | PANEL,XPEDIA 360EX,1SW,SHRT | - | 31 |
| 1 | 3557988 | | SWITCH,DOOR,DETACHER,SS | 1 | 1 |
| 2 | 1997530 | | CABLE, 2-COND,20GA,1000FT | a/r | a/r |
| 3 | 3559724 | | CONNECTOR,SPLICE,22-18AWG | 2 | 2 |
| 4 | 1917572 | | CONN,STR-RLF,.20-.27,1/4 NPT | 1 | 1 |
| 5 | 3559728 | | CAP,REMOTE ATTACH,PG21 | 1 | 1 |

Internal Man Pass Gate Assy



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|--|-----------------------------------|
| - | ----- | | Internal Man Pass Gate Assembly | - |
| 1 | 8589058 | | SENSOR,SAFETY,MAG,CONTACTLESS | 1 |

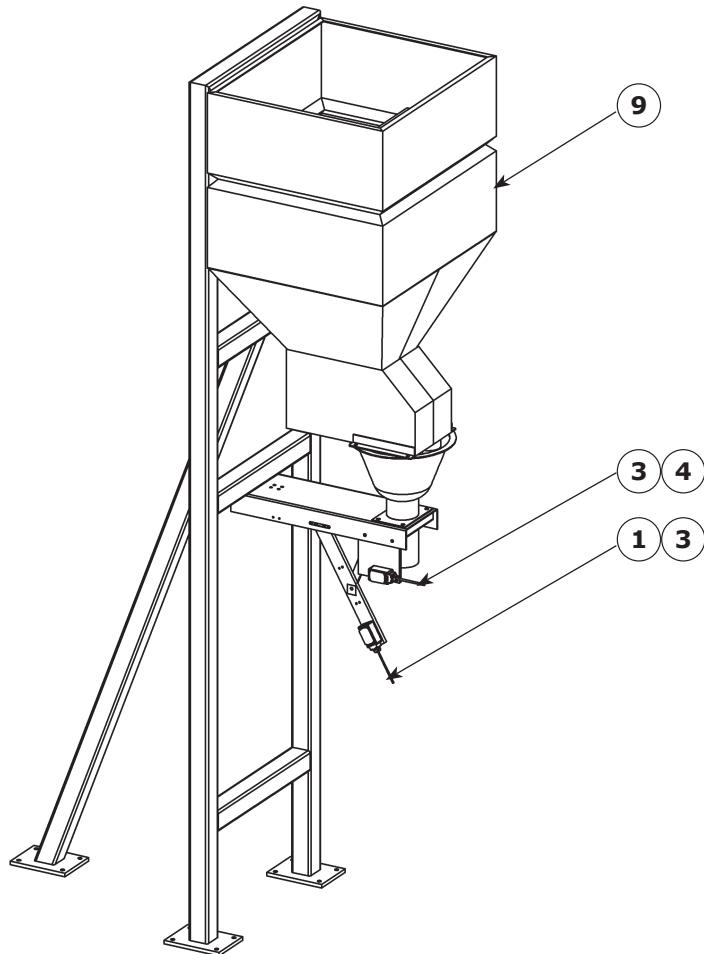
Safety Kit

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|
| - | ----- | | Safety Kit | - |
| - | 8589065 | n/s | SWITCH,PULL,W/INTEGRATED RESET | 2 |

Entrance-Exit

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|
| - | ----- | | ENTRANCE-EXIT | - |
| 1 | 8589059 | n/s | PUSHBUTTON,EMERGENCY STOP,22MM | 2 |
| 2 | 8589060 | n/s | BASE,RELAY,DIN,14 PIN,250V | 1 |
| 3 | 8589061 | n/s | RELAY,ELMCH,4PDT,24VDC,6A | 1 |
| 4 | 8589062 | n/s | CABLE,SENSOR,5M | 1 |
| 5 | 8589063 | n/s | SENSOR,PROX,30MM,NO | 1 |
| 6 | 8589064 | n/s | SPRING,TENSION,.116X.975X6.00 | 1 |

Feed Dispenser Assy



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------|-----------------------------|-----------------------------------|
| - | ----- | FEED DISPENSER ASSY | - |
| 1 | 4022052 | HEAD,LIMIT SWITCH | 1 |
| 2 | 8589066 | RESISTOR,POWER,50W,470 OHM | 1 |
| 3 | 8589067 | BODY,LIMIT SWITCH,24VDC | 2 |
| 4 | 8589068 | HEAD,LIMIT SWITCH,24VDC | 1 |
| 5 | 8589069 | RELAY,ELMCH,4PDT,110VAC,6A | 1 |
| 6 | 8589070 | CONTROLLER,LOGIC,XD10,24VDC | 1 |
| 7 | 8589071 | POWER SUPPLY,24VDC,5A | 1 |
| 8 | 8589072 | VALVE,SOL,24VDC,1/8",5/2 | 1 |
| 9 | 8589073 | FEEDER ASSY,ROTARY | 2 |

Cow Positioners

SECTION I
EFFECTIVE: 5/2/18

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1

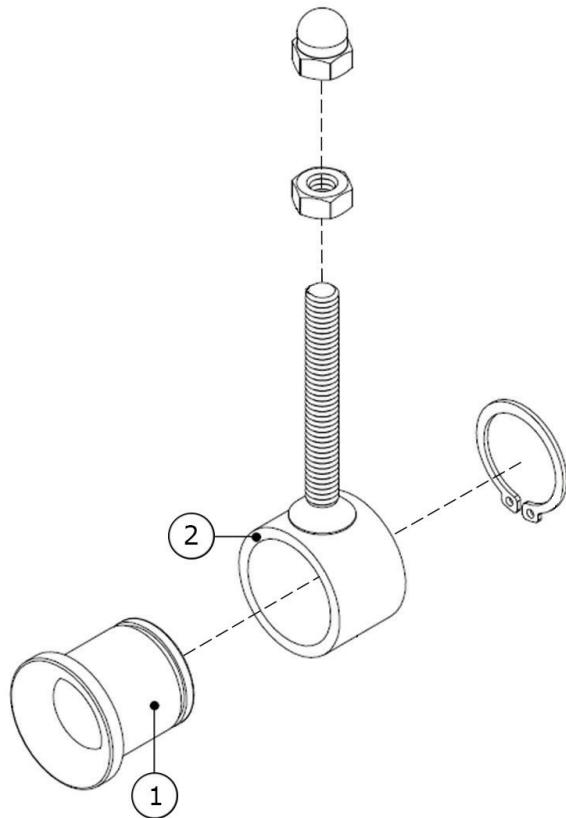


2

4

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|------|----------|-----------------------------|------------------------------|---------------------------|
| 1 | 8593191 | | COW POSITIONER W/GASKET | a/r |
| 2 | 8593190 | | MNTNG KIT,CONCRETE DECK,40MM | a/r |
| 3 | 8593189 | n/s | MNTG KIT,TILED DECK,60MM | a/r |
| 4 | 8593188 | | GASKET, COW POSITIONER | a/r |

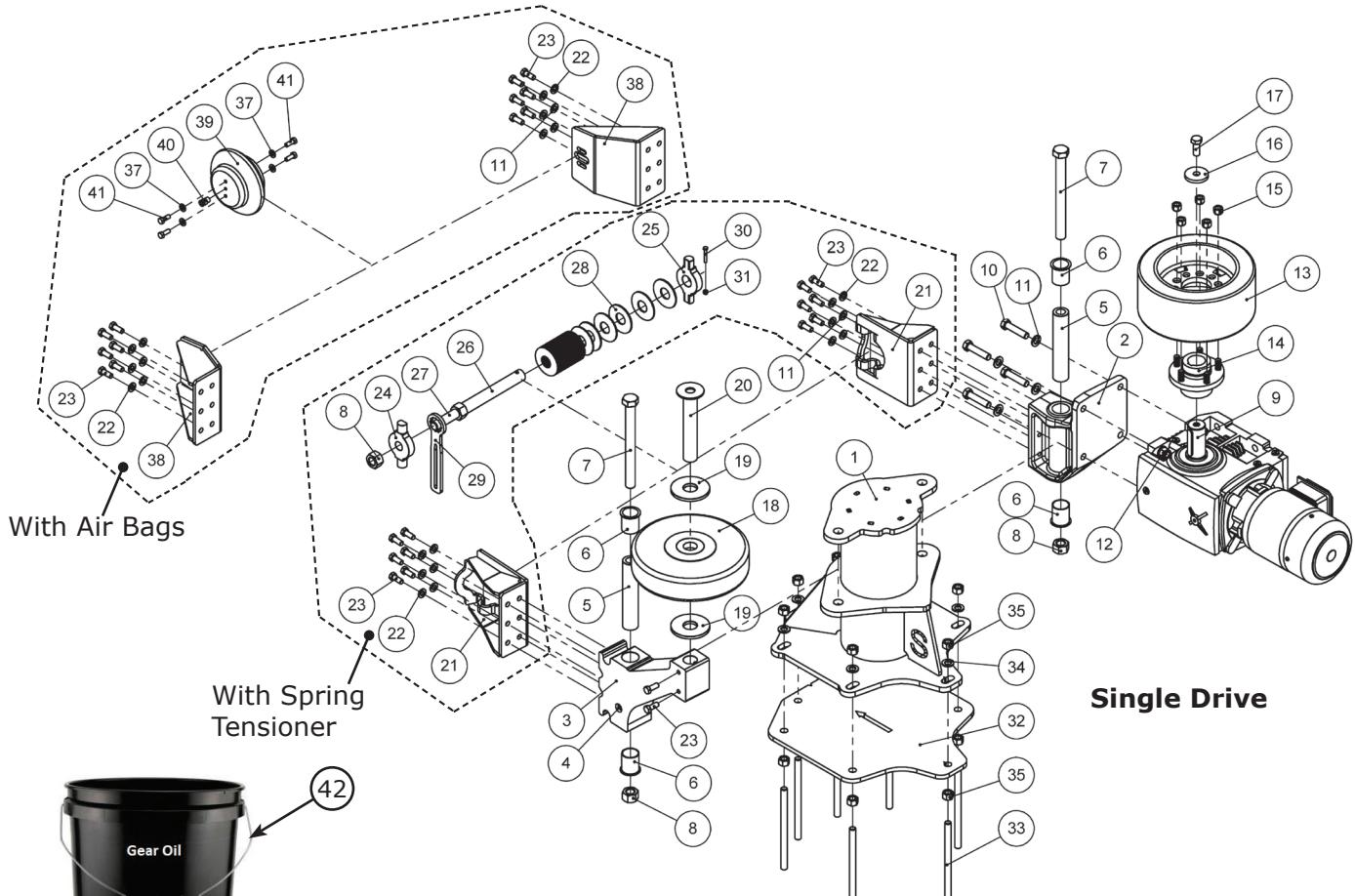
Chain Guide Bushing Assy



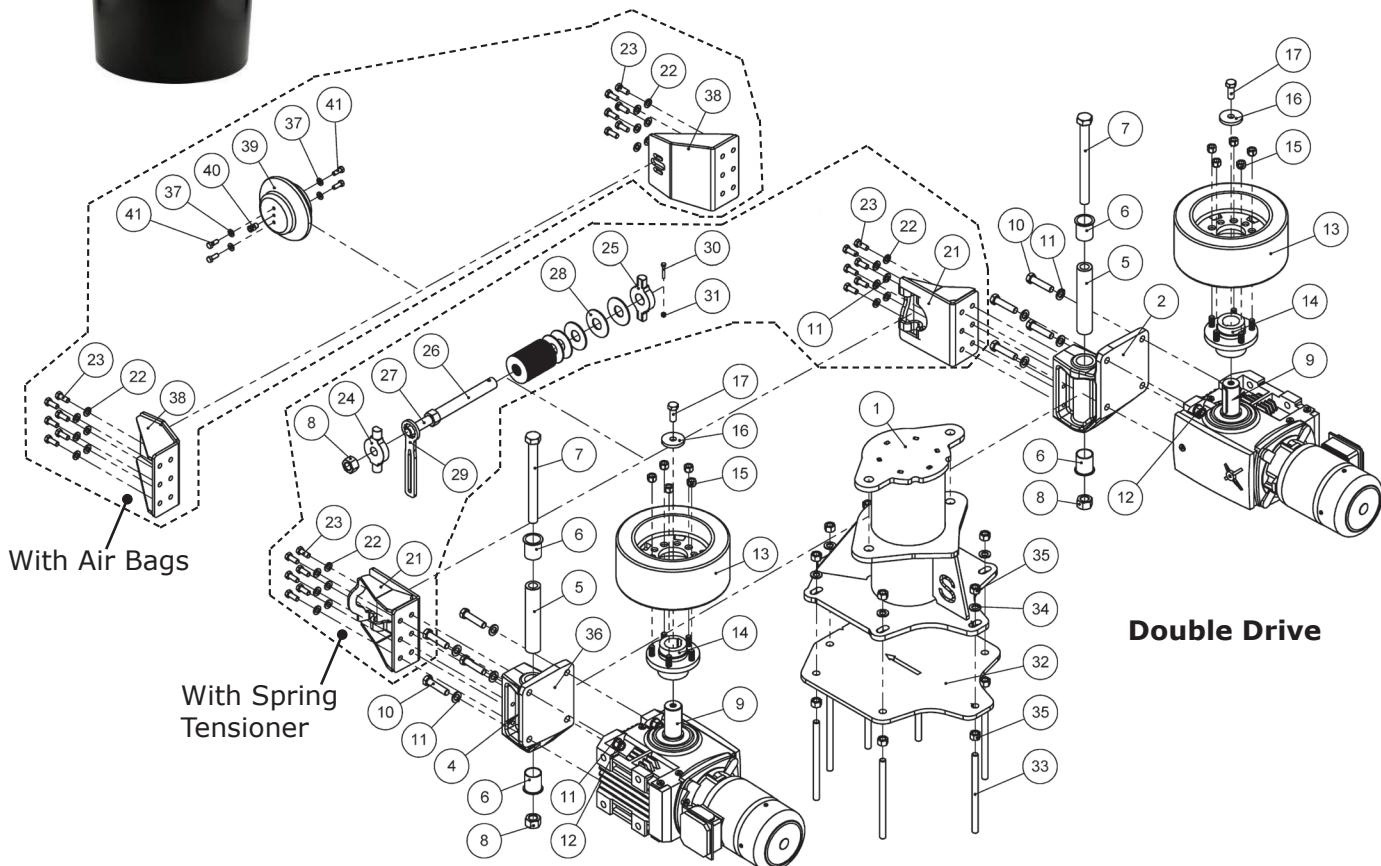
| ITEM | PART NO. | Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|---------------------------|------------------------------------|-----------------------------------|
| - | 8594068 | | CHAIN/ROPE GUIDE ASSY, BLOM | - |
| 1 | 8594065 | | BUSHING, CHAIN/ROPE GUIDE, WCLIP | 1 |
| 2 | 8594066 | | BUSHING HLDR, CHAIN/ROPE GUIDE | 1 |

Streamline Electric Drive (Single and Double)

| | |
|-----------------------|------------|
| SECTION I | PAGE 53 |
| EFFECTIVE: 7/14/20 | |



Single Drive



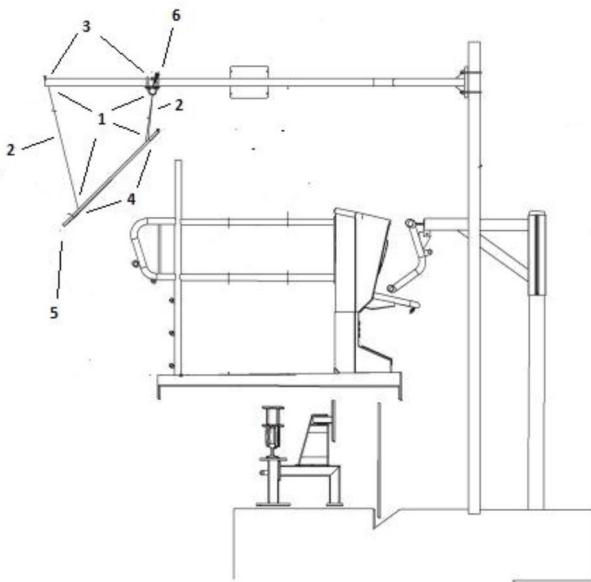
Double Drive

Streamline Electric Drive (Single and Double) cont.

| ITEM | PART NO. | <small>⊗=Obsolete n/s=Not Shown</small> | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|-------------|-----------------|---|---|---|-----|-------------|-------------|
| - | 8594269 | | DRIVE,ROTARY,SINGLE,SPRINGDISK | 4269 | | | |
| - | 8594268 | | DRIVE,ROTARY,DOUBLE,SPRINGDISK | 4268 | | | |
| - | 8594267 | | DRIVE,ROTARY,SINGLE,AIR BELOW | | | 4267 | |
| - | 8594266 | | DRIVE,ROTARY,DOUBLE,AIR BELOW | | | | 4266 |
| 1 | 8594265 | | BRKT,PDST,DRIVE,ROTARY,BLOM | 1 | 1 | 1 | 1 |
| 2 | 8594264 | | DRIVE ARM,ROTARY,RIGHT,BLOM | 1 | 1 | 1 | 1 |
| 3 | 8594262 | | IDLER ARM,ROTARY,BLOM | 1 | - | 1 | - |
| 4 | 8594261 | | GREASE NIPPLE,DRIVE,ROTARY | 2 | 4 | 2 | 4 |
| 5 | 8583688 | | AXLE,ARM,E-DRIVE,STMLN | 2 | 2 | 2 | 2 |
| 6 | 8583689 | | BUSHING,ARM,E-DRIVE,STMLN | 4 | 4 | 4 | 4 |
| 7 | 1174985 | | CSCR,HXH,M24-3.0 X 260,ZP | 2 | 2 | 2 | 2 |
| 8 | 1273980 | | NUT,HEX,M24-3.0,ZP | 3 | 5 | 2 | 5 |
| 9 | 8584711 | | E-DR,GR&MTR,DBL SFT,5.7,STMLN (40-50 Stall) | 1 | 2 | 1 | 2 |
| | 8584714 | | E-DR,GR&MTR,DBL SFT,7.6,STMLN (60-80 Stall) | 1 | 2 | 1 | 2 |
| 10 | 1174893 | | CSCR,HXH,M16-2.0 X 75,ZP | 4 | 8 | 4 | 8 |
| 11 | 1208829 | | WASHER,PLAIN,SS,M16 | 8 | 16 | 8 | 16 |
| 12 | 1280877 | | NUT,LOCK,ELAS,M16-2.0,ZP | 4 | 8 | 4 | 8 |
| 13 | 8512619 | | WHEEL,DRIVE,300X130,NYL CHAS | 1 | 2 | 1 | 2 |
| 14 | 8583693 | | HUB ASSY,W/M14 STUDS,STMLN | 1 | 2 | 1 | 2 |
| 15 | 8594260 | | NUT,LUG,M14 X 1/2 | 5 | 10 | 5 | 10 |
| 16 | 8594259 | | WASHER,PLAIN,M16,OD 60MM X 8 | 1 | 2 | 1 | 2 |
| 17 | 1174886 | | CSCR,HXH,M16-2.0 X 40,ZP | 1 | 2 | 1 | 2 |
| 18 | 8594258 | | IDLER WHEEL,DRIVE,ROTARY,BLOM | 1 | - | 1 | - |
| 19 | 8594257 | | WASHER,PLAIN,M36,OD 100MM X 8 | 2 | - | 2 | - |
| 20 | 8594256 | | SPINDLE,IDLER WHEEL,DRIVE,ROT | 1 | - | 1 | - |
| 21 | 8584385 | | TENSION ARM,SPRING,E-DR,STMLN | 2 | 2 | - | - |
| 22 | 1282829 | | WASHER,PLAIN,M12,ZP | 12 | 12 | 12 | 12 |
| 23 | 1174839 | | CSCR,HXH,M12-1.75 X 30,ZP | 14 | 12 | 14 | 12 |
| 24 | 8583676 | | PIVOT,DRIVE TENSIONER,M24 THD | 1 | 1 | - | - |
| 25 | 8583671 | | PIVOT,DR TENS,W/O THD,STMLN | 1 | 1 | - | - |
| 26 | 8594255 | | TUBE,GUIDING,SPRING DISK,ROT | 1 | 1 | - | - |
| 27 | 8594254 | | ROD,THREADED,SS,M24 X 240 | 1 | 1 | - | - |
| 28 | 8594253 | | KIT,SPRING DISK,DRIVE,ROTARY | 1 | 1 | - | - |
| 29 | 8583675 | | WRENCH,DRIVE TENSIONER,STMLN | 1 | 1 | - | - |
| 30 | 1174715 | | CSCR,HXH,M6 X 40 | 1 | 1 | - | - |
| 31 | 1222700 | | NUT,LOCK,ELAS,SS,M6-1.0 | 1 | 1 | - | - |
| 32 | 8594252 | | PLATE,PDST,DRIVE,ROTARY | 1 | 1 | 1 | 1 |
| 33 | 8594251 | | ROD,THREADED,SS,M16 X 250 | 7 | 7 | 7 | 7 |
| 34 | 1208829 | | WASHER,PLAIN,SS,M16 | 7 | 7 | 7 | 7 |
| 35 | 1273877 | | NUT,HEX,M16-2.0,ZP | 14 | 14 | 14 | 14 |
| 36 | 8594263 | | DRIVE ARM,ROTARY,LEFT,BLOM | - | 1 | - | 1 |
| 37 | 1208780 | | WASHER,PLAIN,SS,M10 | - | - | 4 | 4 |
| 38 | 8587574 | | TENSION ARM,AIR BAG,E-DR,360EX | - | - | 2 | 2 |
| 39 | 8581534 | | AIR BAG,INDEXING,90LX | - | - | 1 | 1 |
| 40 | 8594249 | | FITTING,PUSH,DRIVE,ROTARY,BLOM | - | - | 1 | 1 |
| 41 | 1174048 | | CSCR,HXH,3/8-16 X 1 ZP | - | - | 4 | 4 |
| 42 | 8589303 | | OIL,GEAR,CLP PG,ISO VG 680,5G | a/r | a/r | a/r | a/r |

ISO Rotary Mounting Module

| | |
|----------------------|------------|
| SECTION I | PAGE 55 |
| EFFECTIVE: 7/9/21 | |



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|-----------------------------------|-----------------------------------|
| - | 3559264 | MODULE,MOUNTING,ROTARY,ISO | - |
| 1 | 8594463 | CHAINLINK, ANTENNA, ISO, ROTARY | 6 |
| 2 | 8594461 | CHAIN, ANTENNA, ISO, ROTARY, 15' | a/r |
| 3 | 8594462 | EYEBOLT, ANTENNA, XCAL360 | 3 |
| 4 | 3553709 | EYEBOLT, ANTENNA, XCAL360 | 3 |
| 5 | 3563517 | MOD,CNTRL,N-SPR ANT,ROTARY,ISO | 1 |
| 6 | 3559250 | PIPE ASSY,HORIZ MTG,ISO,ROTARY | 1 |

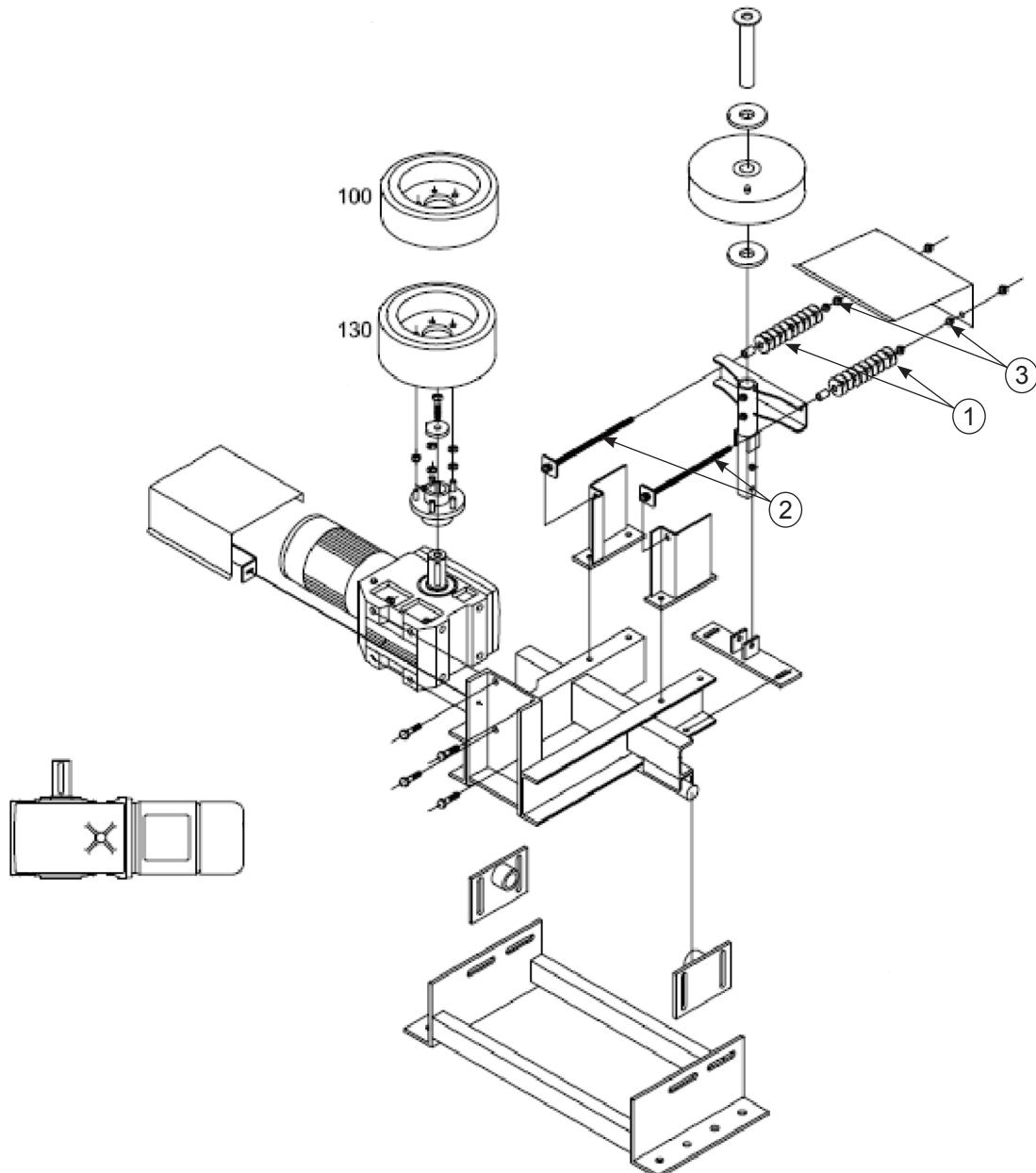
Xcalibur 360 IX Controller

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | |
|------|----------|--|-----------------------------------|--|
| - | - | XCALIBUR 360 IX CONTROLLER | | |
| 1 | 8595931 | CNTRL, FREQ, 3 MTR SYS, 460V, XCAL 360 IX, BLOM | a/r | |
| 2 | 8593582 | FREQ CNTRLR,3 MOTOR,200V,IX | a/r | |
| 3 | 8595932 | PWR SUPPLY, 24VDC, SOURCE, 460V, XCAL 360 IX, BLOM | a/r | |
| 4 | 8593581 | POWER SUPL,200V 24VDC,5A,IX | a/r | |
| 5 | 8595936 | TURN SWITCH, 2 POS, 60GR, XCAL 360 IX, BLOM | a/r | |
| 6 | 8595938 | TURN SWITCH,3 POS, XCAL 360 IX, BLOM | a/r | |
| 7 | 8595937 | SWITCH, INDUCTION, SQUEEZE PRO, XCAL 360 IX, BLOM | a/r | |
| 8 | 8595939 | CONTACT, NO, XCAL 360 IX, BLOM | a/r | |
| 9 | 8595940 | CONTACT, NC, XCAL 360 IX, BLOM | a/r | |
| 10 | 8593577 | ⊗ LIMITSWITCH,SPRING,IX (<i>replaced by 8595941</i>) | a/r | |
| 11 | 8595941 | SWITCH, LIMIT, SPRING, XCAL 360 IX, BLOM | a/r | |
| 12 | 8593583 | ⊗ EASY PLC,721-DC-TC,IX (<i>replaced by 8595930</i>) | a/r | |
| 13 | 8595930 | MODULE, EXTENSION, EASY E4, XCAL 360 IX, BLOM | a/r | |
| 14 | 8593580 | PHOTOCEL,COW DETECTION,IX | a/r | |
| 15 | 8593579 | POT,METER,IX | a/r | |
| 16 | 8593578 | LIMITSWITCH,ROD,IX | a/r | |
| 17 | 8593576 | PUSHBUTTON SW,2 GR OR 1 R, IX | a/r | |

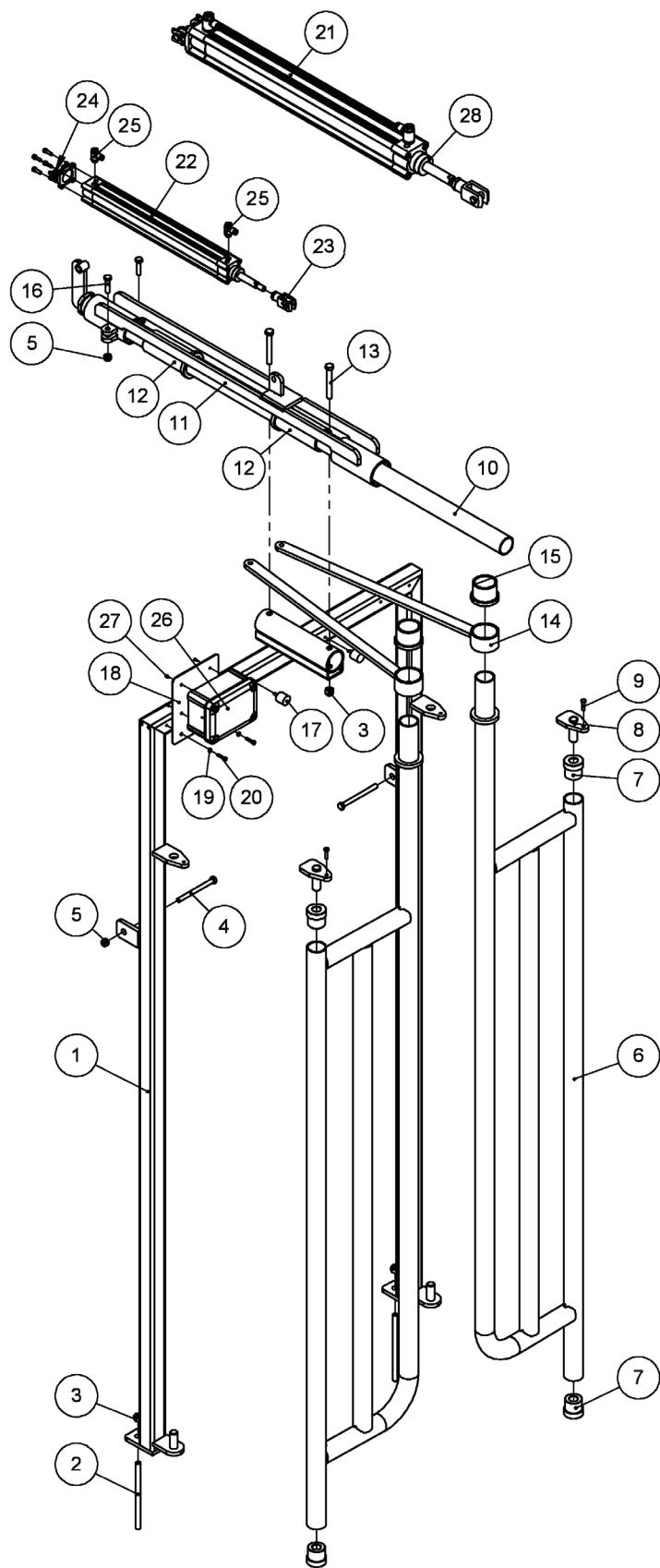


Xcalibur 360 IX Drive

| | |
|------------------------|-------------------|
| SECTION I | PAGE 57 |
| EFFECTIVE: 11/10/21 | |



| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------|-----------------------------|--------------------------------|-----------------------------------|
| - | 8596162 | | MOTOR W/ GEARBOX, AD 200 DRIVE | a/r |
| | 8593586 | ⊗ | E-DR,GR&MTR,R SHFT,5.9,IX | a/r |
| 1 | 608592082 | | DISC SPRINGS Ø50X2,5 (QTY 2) | 1 |
| | 8593573 | ⊗ | DISC SPRING,80X31X3,28P,IX | 1 |
| 2 | 608592083 | | THREADED ROD, IX DRIVE (QTY 2) | 1 |
| 3 | 608592084 | | NUTS M14 (SET OF 6 PCS) | 1 |



Xcalibur 360 IX Texas Gate (Cont.)

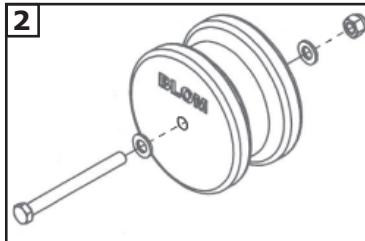
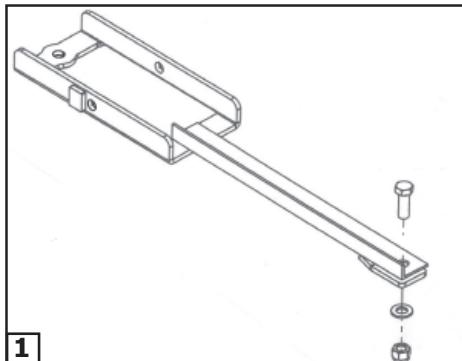
| | |
|------------------------|-------------------|
| SECTION I | PAGE 59 |
| EFFECTIVE: 11/10/21 | |

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|-----------------------------------|----------------------|-----------------------------|--------------------------------|---------------------------------|
| XCALIBUR 360 IX TEXAS GATE | | | | - |
| 1 | 8596219 | | FRAME,IX TEX GATE | 1 |
| 2 | 8596218 | | ROD,THREAD,M12x200 | 2 |
| 3 | 8596217 | | NUT,LOCK,DIN 985 M12 | 4 |
| 4 | 8596216 | | BOLT,HXH,DIN 933 M10x120 | 2 |
| 5 | 8596215 | | NUT,LOCK,DIN 985 M10 | 4 |
| 6 | 8596214 | | DOOR,IX TEX GATE | 2 |
| 7 | 8596213 | | BEARING,48.3x45mm,IX TEX GATE | 4 |
| 8 | 8596212 | | CLAMP,DOOR,IX TEX GATE | 2 |
| 9 | 8596211 | | BOLT,HXH,DIN 933 M6x25 | 2 |
| 10 | 8596210 | | TUBE, CONTROL,IX TEX GATE | 1 |
| 11 | 8596209 | | TUBE, OPERATE,IX TEX GATE | 1 |
| 12 | 8596208 | | BEARING,70x150mm,IX TEX GATE | 2 |
| 13 | 8596207 | | BOLT,HXH,DIN 931 M12x90-30 | 2 |
| 14 | 8596206 | | CONTROL ARM,IX TEX GATE | 2 |
| 15 | 8596205 | | BEARING,70x50mm,IX TEX GATE | 2 |
| 16 | 8596204 | | BOLT,HXH,DIN 933 M10x40 | 2 |
| 17 | 8596203 | | DOORSTOP,M6x25,IX TEX GATE | 2 |
| 18 | 8596202 | | PLATE,200x160x2mm,IX TEX GATE | 1 |
| 19 | 8596201 | | WASHER,DIN M5x125 | 2 |
| 20 | 8596200 | | BOLT,HXH,DIN 931 M5x25-16 | 2 |
| 21 | 8596199 ¹ | | KIT,NORMCYL,40-450,IX TEX GATE | 1 |
| 22 | 8596198 | | STANDARDCYL,40-450,IX TEX GATE | 1 |
| 23 | 8596197 | | CLEVIS ROD,IX TEX GATE | 1 |
| 24 | 8596196 | | SWIVEL FLANGE,IX TEX GATE | 1 |
| 25 | 8596195 | | VALVE,FLOWCONT,ONEWAY,IX TEX | 2 |
| 26 | 8596194 | | CONTROL BOX,IX TEX GATE | 1 |
| 27 | 8596193 | | SCREW,CS,DIN 7981 - ST2.9x9.5 | 4 |
| 28 | 8596192 | | SEALKIT,NORMCYL,IX TEX GATE | 1 |

NOTE:

1. Kit 8596119 includes items 22, 23, 24 and 25.

Xcalibur EX, Xcalibur IX Rotary Roller Assy



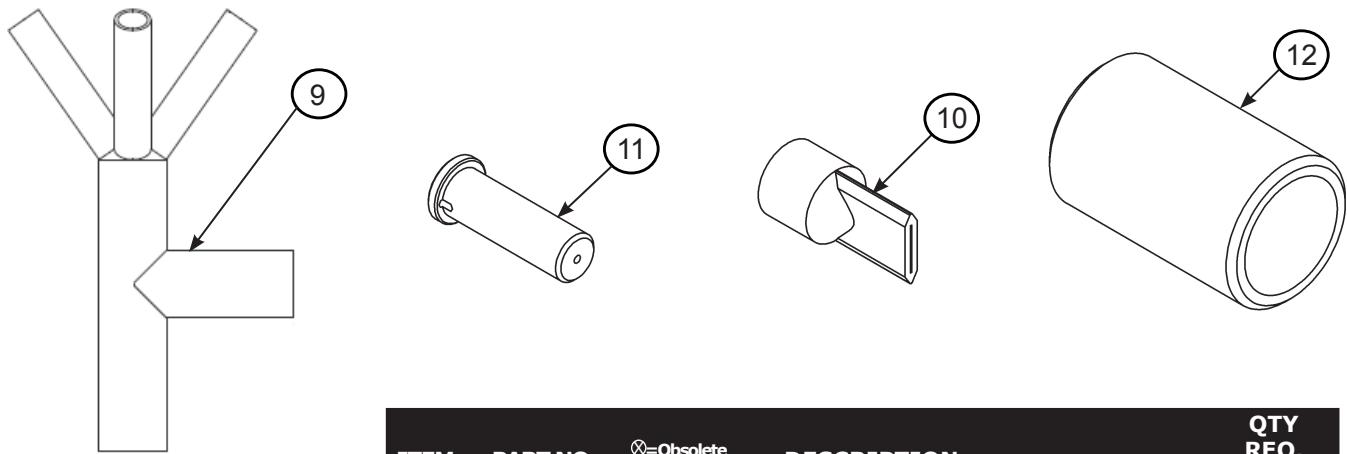
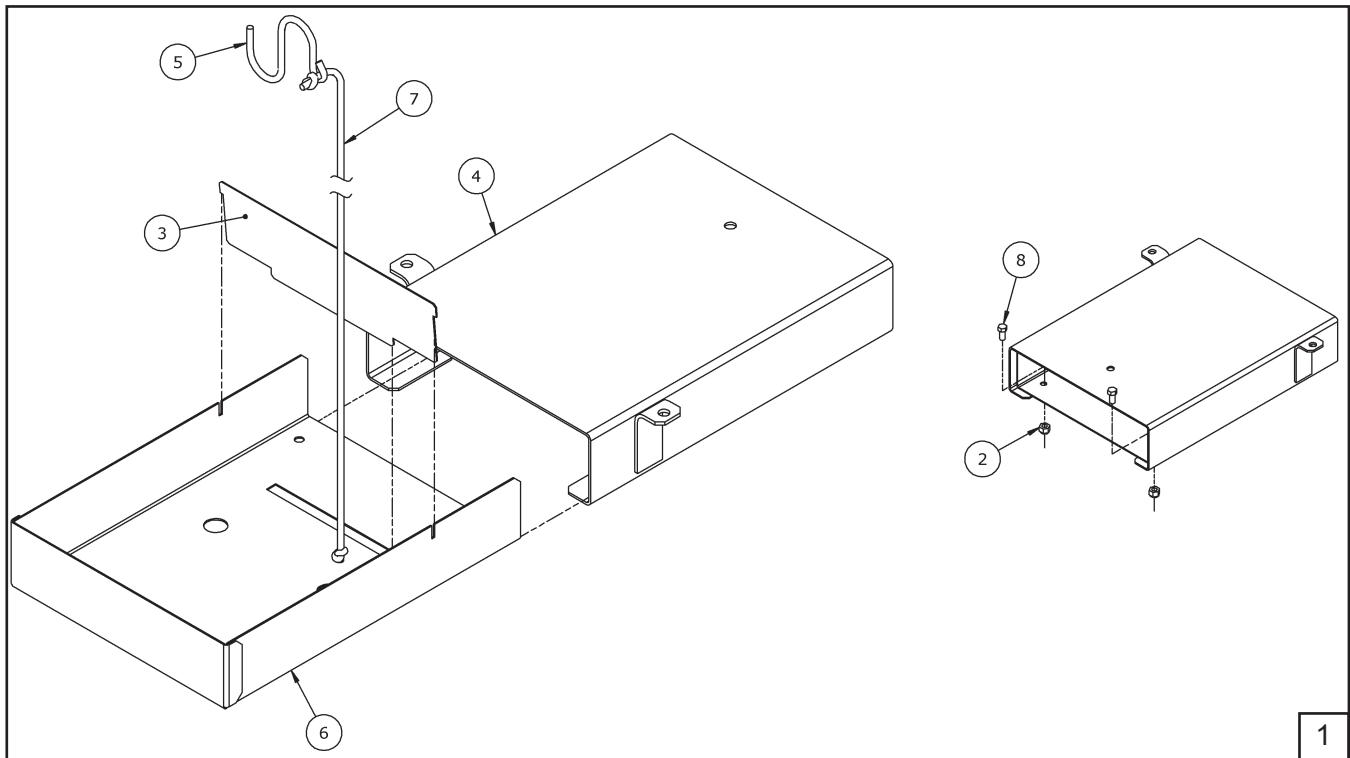
| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) | No. of Rollers |
|-------------------------------------|----------|-----------------------------|------------------------------|---------------------------|----------------|
| XCAL EX, XCAL IX ROTARY ROLLER ASSY | | | | | |
| Herringbone | | | | | |
| 1 | 8596175 | | FRAME,KIT,ROTARY,XCAL,IX,24 | a/r | |
| | 8596174 | | FRAME,KIT,ROTARY,XCAL,IX,32 | a/r | |
| | 8596173 | | FRAME,KIT,ROTARY,XCAL,IX,40 | a/r | |
| 2 | 8596172 | | ROLLER KIT,ROTARY,XCAL,IX,24 | 1 | 40 |
| | 8596171 | | ROLLER KIT,ROTARY,XCAL,IX,32 | 1 | 53 |
| | 8596170 | | ROLLER KIT,ROTARY,XCAL,IX,40 | 1 | 66 |
| Parabone | | | | | |
| 1 | 8593591 | | FRAME,KIT,ROTARY,PARA IX,40 | a/r | |
| 2 | 8596220 | | ROLLER KIT,ROTARY,PARA IX,32 | 1 | 60 |

Xcalibur 360 IX Man Pass Spring

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|---------------------------------|----------|-----------------------------|---------------------------|---------------------------------|
| XCALIBUR 360 IX MAN PASS SPRING | | | | |
| 1 | 8593584 | | SPRING,CAROUSEL,PASS,R,IX | a/r |
| 2 | 8593572 | | SPRING,DOOR POS,40X219,IX | a/r |

Jetter Tray

| | |
|------------------------|-------------------|
| SECTION I | PAGE 61 |
| EFFECTIVE: 11/10/21 | |

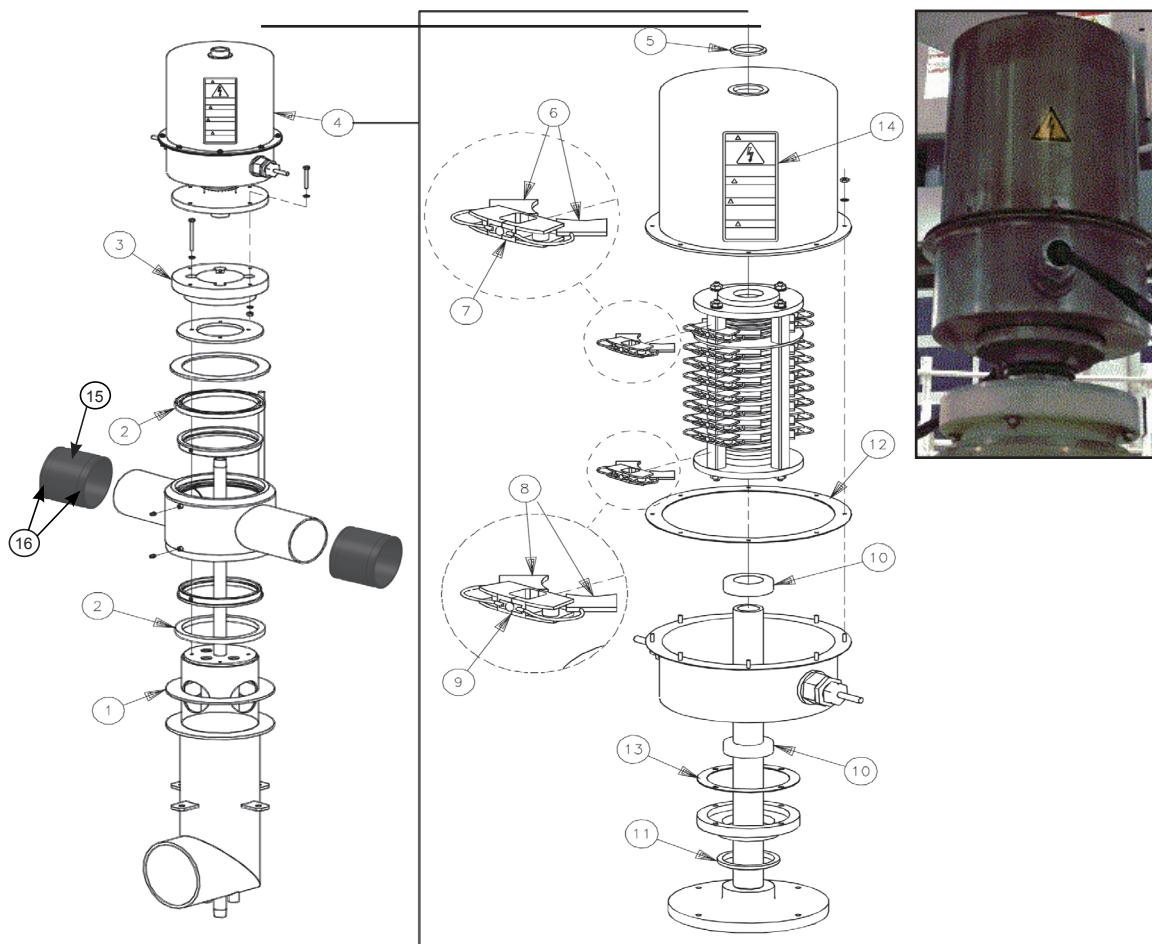


| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|------|----------------------|-----------------------------|----------------------------|---------------------------------|
| - | - | | JETTER TRAY | - |
| 1 | 8502881 | | DRAWER ASSY,SS JETTER | a/r |
| 2 | 1222352 ¹ | | NUT,LOCK,ELAS,SS,1/4-20 | 2 |
| 3 | 8502501 ¹ | | PLATE,BACK,JETTER HOLDER | 1 |
| 4 | 8502503 ¹ | | BRACKET ASSY,JETTER DRAWER | 1 |
| 5 | 8502880 ¹ | | HOOK,S,W/EYELET | 1 |
| 6 | 8503044 ¹ | | DRAWER ASSY,JETTER | 1 |
| 7 | 8587717 ¹ | | ROPE,DYNEEMA,1/8"X100FT | 0.025 |
| 8 | 1091006 ¹ | | CSCR,HXH,SS,1/4-20 X 1/2 | 2 |
| 9 | 8514752 | | DISTRIBUTOR,SS,JETTER | a/r |
| 10 | 8517844 | | VALVE,CHECK,DUCK-BILL,RUB. | a/r |
| 11 | 8518076 | | ORIFICE,WASH LINE | a/r |
| 12 | 8513215 | | TUBE,.44 X .049 X .688,SS | a/r |

NOTE:

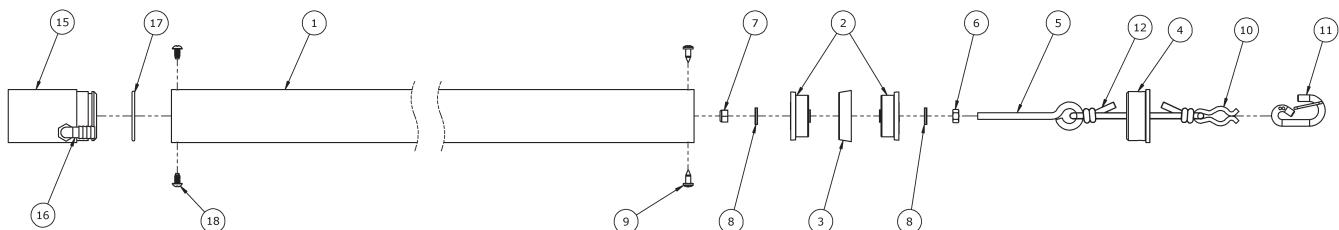
1. Included in p/n 8502881.

Main Swivel Assembly - Xcalibur, Stainless Steel Version



| ITEM NO. | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY. REQ. |
|----------|----------------|-----------------------------|--|------------|
| - | 8502635 | | Swivel, Main, Air, Vac, Pwr, Comm | 635 |
| 1 | 8510705 | | Bushing, Plastic, Swivel | 1 |
| 2 | 8503843 | | Seal, 162 x 190 x 12, Swivel, Vacuum | 2 |
| 3 | 8510703 | | Adapter, Slip Ring Assy, Rotary | 1 |
| 4 | 8510700 | | Slip ring Assy, Rotary (Incl. Items 5 thru 14) | 1 |
| 5 | 8513230 | ⊗ | Seal, V-Ring, CR, 1.42-1.50 Shaft | 1 |
| 6 | 8513228 | | Brush, 15A, 1.5 Bore, Comm | 8 |
| 7 | 8513229 | | Kit, Brush Hldr, 15A, Com, L/Brush | 4 |
| 8 | 8513226 | | Brush, 15A, 1.5 Bore, Power | 30 |
| 9 | 8513227 | | Kit, Brush Hldr, 15A, Pwr, L/Brush | 15 |
| 10 | 8513232 | ⊗ | Bearing, Ball, 1.5 DS | 2 |
| 11 | 8513231 | ⊗ | Seal, V-Ring, CR, 2.48-2.68 Shaft | 1 |
| 12 | 8513234 | ⊗ | Gasket, 1.5, Bolted | 1 |
| 13 | 8513233 | ⊗ | Gasket, Brg Housing, 1.5 | 1 |
| 14 | 8504733 | | Label, Warning, Electric | 1 |
| 15 | 8515468 | | Tube, Rbr, 4.50 x .21 x 6.00 | 2 |
| 16 | 8553741 | | Clamp, Hose, SS #104, 4.13 x -7.00 | 4 |
| | 8503820 | n/s | SWIVEL ASSY,2.50,MILK | 1 |
| 17 | 8582871 | n/s | MILK SWIVEL ASSY 2.00 | or 1 |

Detacher Cylinder

 SECTION I
 PAGE 63
 EFFECTIVE: 11/10/21


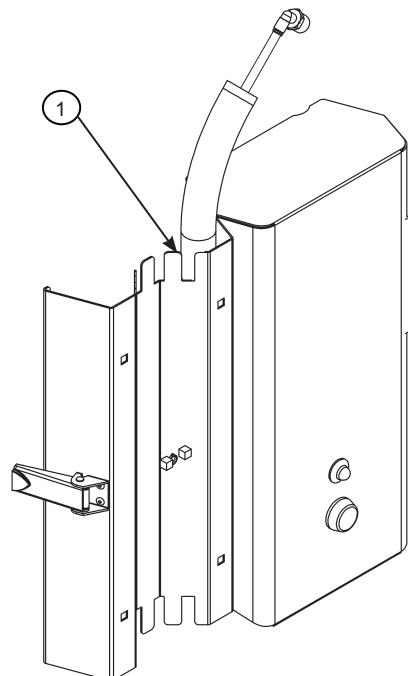
| ITEM | PART NO. | QTY REQ. (a/r=As Req.) |
|------|----------|---------------------------------|
| - | 3558045 | DESCRIPTION |
| 1 | 3553705 | CYLINDER,VACUUM,2 IN |
| 2 | 3553708 | PISTON,SECTION,VAC CYL |
| 3 | 3553692 | CUP,PACKING,1.875 |
| 4 | 3553706 | PLUG,BOTTOM |
| 5 | 3553709 | EYEBOLT,1/4-20X4.00X .50X2.75 |
| 6 | 1273352 | NUT,HEX,1/4-20,ZP |
| 7 | 1280352 | NUT,LOCK,ELAS,1/4-20 ZP |
| 8 | 3553726 | WASHER,SEALING |
| 9 | 1027275 | TFSCR,PNH,SS,10-16 X 1/2 AB |
| 10 | 8516326 | LINK, SAFETY BREAK-AWAY |
| 11 | 3556991 | SNAP,SPRING,SS,LOOPED |
| 12 | 3553738 | ROPE,DYNEEMA,1/8"X 5' |
| 15 | 8515594 | VALVE ASSY,VAC/AIR |
| 16 | 3563812 | ELBOW,90,NYL,VAC DETACH |
| 17 | 3553693 | O-RING,US1.674X .103 / EU38X3 |
| 18 | 1027274 | TFSCR,PNH,SS,10-16 X 3/8 AB |
| 19 | 3557049 | LUBRICANT,SILICONE MOLD REL |
| 18 | 8596202 | PLATE,200x160x2mm,IX TEX GATE |
| 19 | 8596201 | WASHER,DIN M5x125 |

Detacher Automation

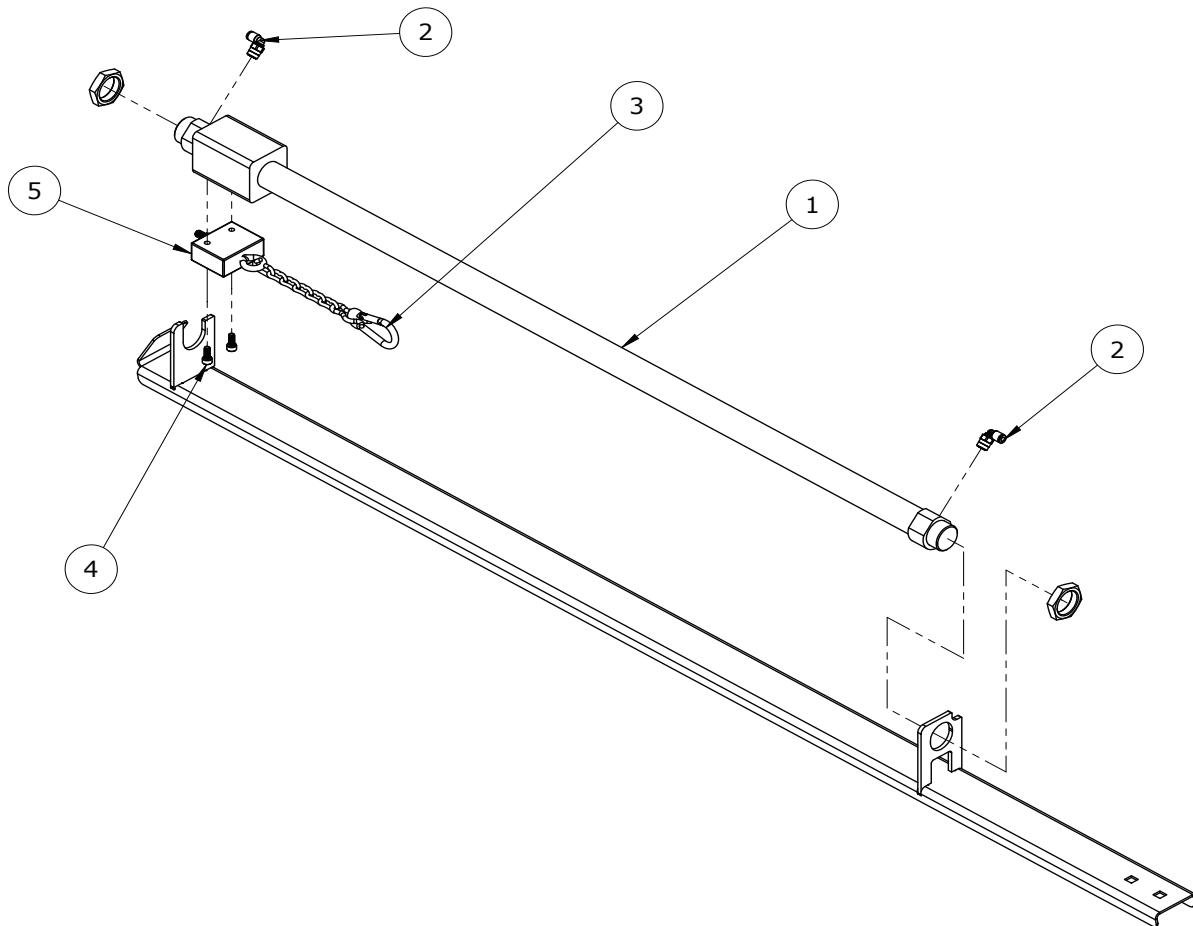
| ITEM | PART NO. | QTY REQ. (a/r=As Req.) |
|------|-------------|---------------------------------|
| - | - | DESCRIPTION |
| - | - | DETACHER AUTOMATION |
| 1 | 3559795 1 | DETACHER ASSY,VPS,AIR |
| 2 | 3559843 1 | DETACHER ASSY,V-POINT,VAC |
| 2 | 3557976 n/s | POWER SUPPLY,24VDC,4.0A,DIN |

NOTE:

1. See breakdown on page D30 & D31.



Xcalibur 360EX 2.0 Detacher Assy



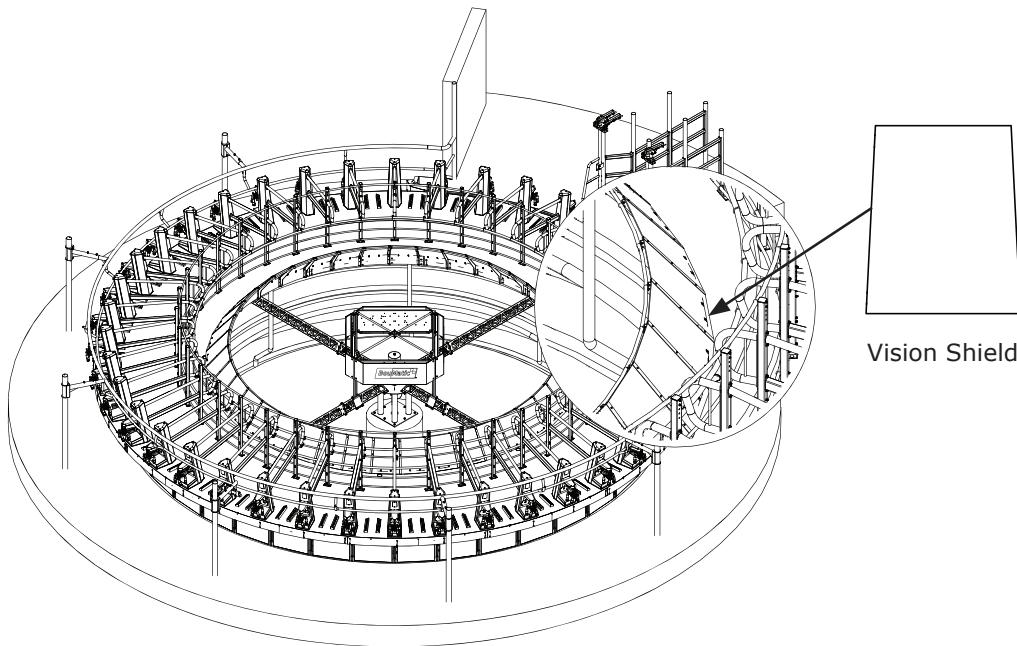
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|----------------------|--|-----------------------------------|
| - | 8597800 | XCALIBUR 360EX 2.0 DETACHER ASSY | - |
| 1 | 8597409 | CYLINDER, RODLESS, 800MM | 1 |
| 2 | 3554451 | CONN, SWL, ELBOW, 5/32 OD X 1/8 NPT | 2 |
| 3 | 8597405 | CHAIN ASSY, DETACHER, XCAL 2.0 <i>(includes chain, connecting link, eyebolt and hardware)</i> | 1 |
| 4 | 1084954 | CSCR, SCH, SS, 18-8, M5-0.8 X 12 | 2 |
| 5 | 8597411 | BLOCK, CARRIAGE, CYL | 1 |
| 6 | 3556695 ¹ | n/s ROPE, DYNEEMA, 1/8"X 8' | 1 |

Notes:

- When installing rope, remove eyebolt and chain from item 5, feed rope through hole in block, and tie knot on end of rope.

Xcalibur 360EX Vision Shield

SECTION I PAGE 65
EFFECTIVE: 7/27/23



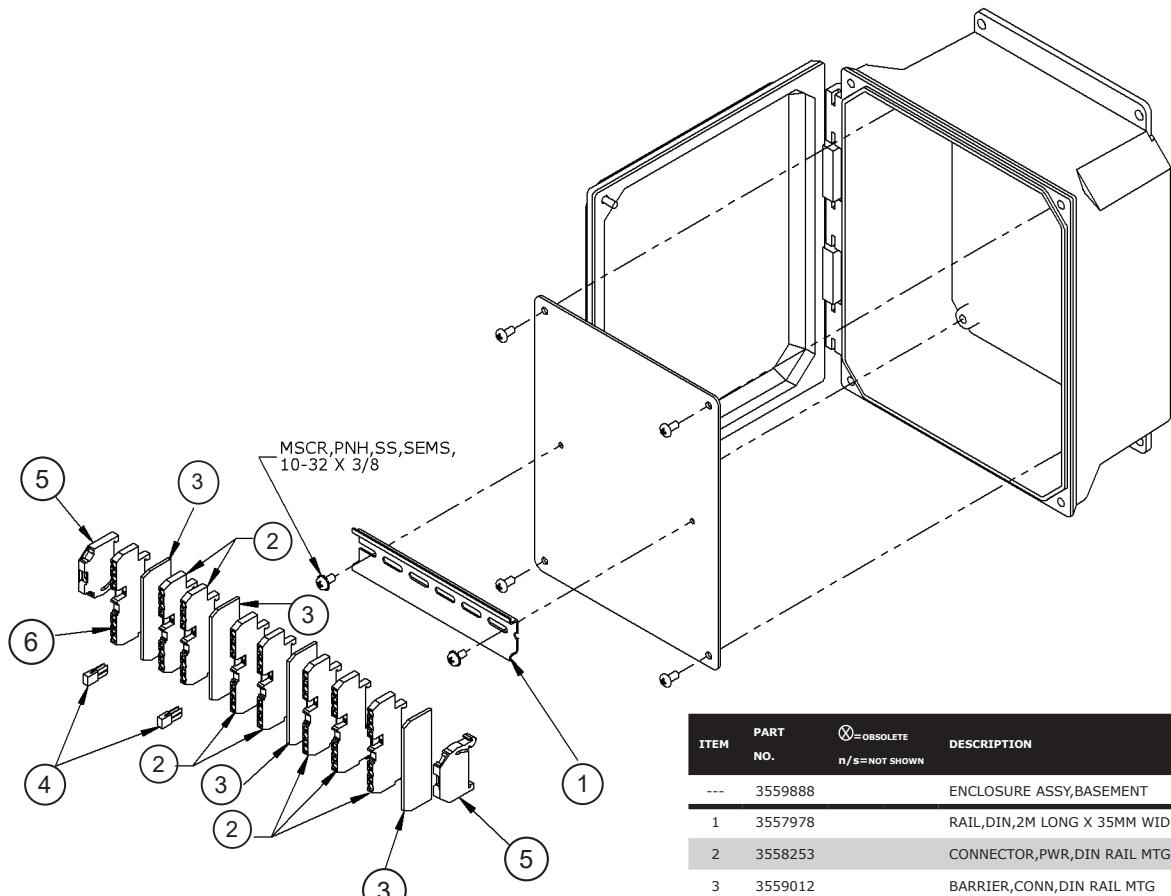
| ITEM | PART NO. | DESCRIPTION | QTY REQ. (a/r=As Req.) |
|------|-----------------|------------------------------|---------------------------|
| | 8582321 | SHIELD,VISION,PLSTC,32 STALL | 32 |
| | 8582322 | SHIELD,VISION,PLSTC,36 STALL | 36 |
| | 8582323 | SHIELD,VISION,PLSTC,40 STALL | 40 |
| | 8582324 | SHIELD,VISION,PLSTC,44 STALL | 44 |
| | 8582325 | SHIELD,VISION,PLSTC,50 STALL | 50 |
| | 8582326 | SHIELD,VISION,PLSTC,60 STALL | 60 |
| | 8582327 | SHIELD,VISION,PLSTC,72 STALL | 72 |
| | 8582328 | SHIELD,VISION,PLSTC,80 STALL | 80 |
| | 8582329 | SHIELD,VISION,SS,32 STALL | 32 |
| | 8582330 | SHIELD,VISION,SS,36 STALL | 36 |
| | 8582331 (shown) | SHIELD,VISION,SS,40 STALL | 40 |
| | 8582332 | SHIELD,VISION,SS,44 STALL | 44 |
| | 8582333 | SHIELD,VISION,SS,50 STALL | 50 |
| | 8582334 | SHIELD,VISION,SS,60 STALL | 60 |
| | 8582335 | SHIELD,VISION,SS,72 STALL | 72 |
| | 8582336 | SHIELD,VISION,SS,80 STALL | 80 |
| | 8597832 | SHIELD,VISION,SS,90 STALL | 90 |
| | 8597831 | SHIELD,VISION,SS,100 STALL | 100 |
| | 8597830 | SHIELD,VISION,SS,110 STALL | 110 |
| | 8597829 | SHIELD,VISION,SS,120 STALL | 120 |

Facility Automation

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Basement Enclosure Assembly



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|-------------------------------|-----------------------------------|
| --- | 3559888 | | ENCLOSURE ASSY,BASEMENT | - |
| 1 | 3557978 | | RAIL,DIN,2M LONG X 35MM WIDE | a/r |
| 2 | 3558253 | | CONNECTOR,PWR,DIN RAIL MTG | 7 |
| 3 | 3559012 | | BARRIER,CONN,DIN RAIL MTG | 4 |
| 4 | 3559007 | | CONNECTOR,JUMPER | 2 |
| 5 | 3558274 | | BRACKET,END,CONN,DIN RAIL MTG | 2 |
| 6 | 3559011 | | CONNECTOR,PWR,PE,DIN RAIL MTG | 1 |

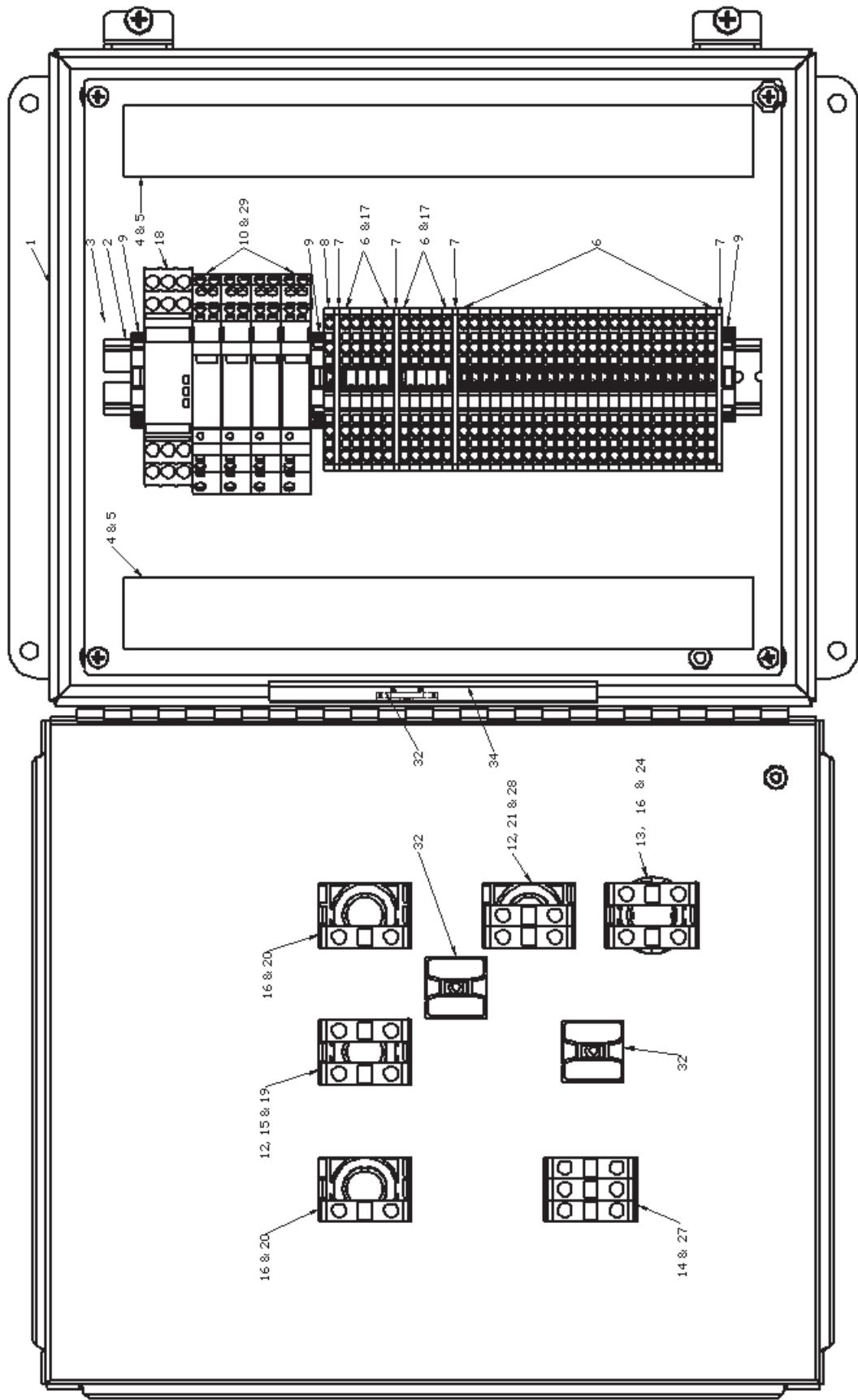
Xcalibur 360EX, Control Console

| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-----------------------------|--------------------------------|-----------------------------------|
| --- | 3559887 | | ENCLOSURE ASSY,CONTROL CONSOLE | - |
| 1 | 3561925 | | ENCLOSURE,SS,SA HPU,W/HOLES | 1 |
| 2 | 3557978 | | RAIL,DIN,2M LONG, X 35MM WIDE | A/R |
| 3 | 3560949 | | PANEL,CONSOLE ENCLOSURE | 1 |
| 4 | 3558247 | | DUCT,WIRING,1 X 3 X 72 LONG | A/R |
| 5 | 3558246 | | COVER,DUCT,1 X 72LG | A/R |
| 6 | 3558253 | | CONNECTOR,PWR,DIN RAIL MTG | 34 |
| 7 | 3559012 | | BARRIER,CONN,DIN RAIL MTG | 4 |
| 8 | 3559011 | | CONNECTOR,PWR,PE,DIN RAIL MTG | 1 |
| 9 | 3558274 | | BRACKET,END,CONN,DIN RAIL MTG | 3 |
| 10 | 3559420 | | RELAY,24VDC,2CO | 4 |
| 11 | 8582593 | | CAP,TEXT,RESET | 1 |
| 12 | 3560777 | | MEMBRANE,SWITCH,EXTEND,RUBBER | 2 |
| 13 | 4040124 | | SWITCH,2 POS | 1 |
| 14 | 8582445 | | LED,SWITCH,RED | 1 |
| 15 | 3560793 | | CONTACT,2 NC, W/HOLDER | 1 |
| 16 | 4040123 | | CONTACT,1-NO,W/HOLDER | 3 |
| 17 | 3559007 | | CONNECTOR,JUMPER | 8 |
| 18 | 3560806 | ⊗ | RELAY,SAFETY | 1 |
| | 3562077 | | RELAY,EMERGENCY STOP | 1 |
| 19 | 3560782 | | SWITCH,MOM,RED,EXT | 1 |
| 20 | 3560781 | | SWITCH,MOM,GREEN,FLSH | 2 |
| 21 | 3560780 | | SWITCH,MOM,GREEN,ILL,EXT | 1 |
| 22 | 3560776 | | SWITCH,ESTOP,60MM,ILLUM,TWST | 1 |
| 23 | 3560779 | | LED,SWITCH,GREEN | 1 |
| 24 | 3560790 | | CONTACT BLOCK,1INC | 1 |
| 25 | 3560791 | | CONTACT BLOCK,1NO | 1 |
| 26 | 3560778 | | MEMBRANE,SWITCH,FLUSH,RUBBER | 2 |
| 27 | 3560794 | | CONTACT,BLOCK,2 NC,LIGHT W/HOL | 1 |
| 28 | 3560792 | | CONTACT BLOCK,1 NO,LIGHT W/HOL | 1 |
| 29 | 3560802 | | JUMPER RELAY,8-WAY | 1 |
| 30 | 1996553 | n/s | WIRE,STRD,18AWG,BLUE,MTW | A/R |
| 31 | 1996554 | n/s | WIRE,STRD,18AWG,WHT/BLU,MTW | A/R |
| 32 | 1979400 | | RETAINER,MISC,SM MOUNT,NYLON | 3 |
| 33 | 1996334 | n/s | WIRE,STRD,14AWG,GRN/YEL,MTW | A/R |
| 34 | 4016780 | | TRIM,SEAL,FLEXIBLE,1/32 | A/R |

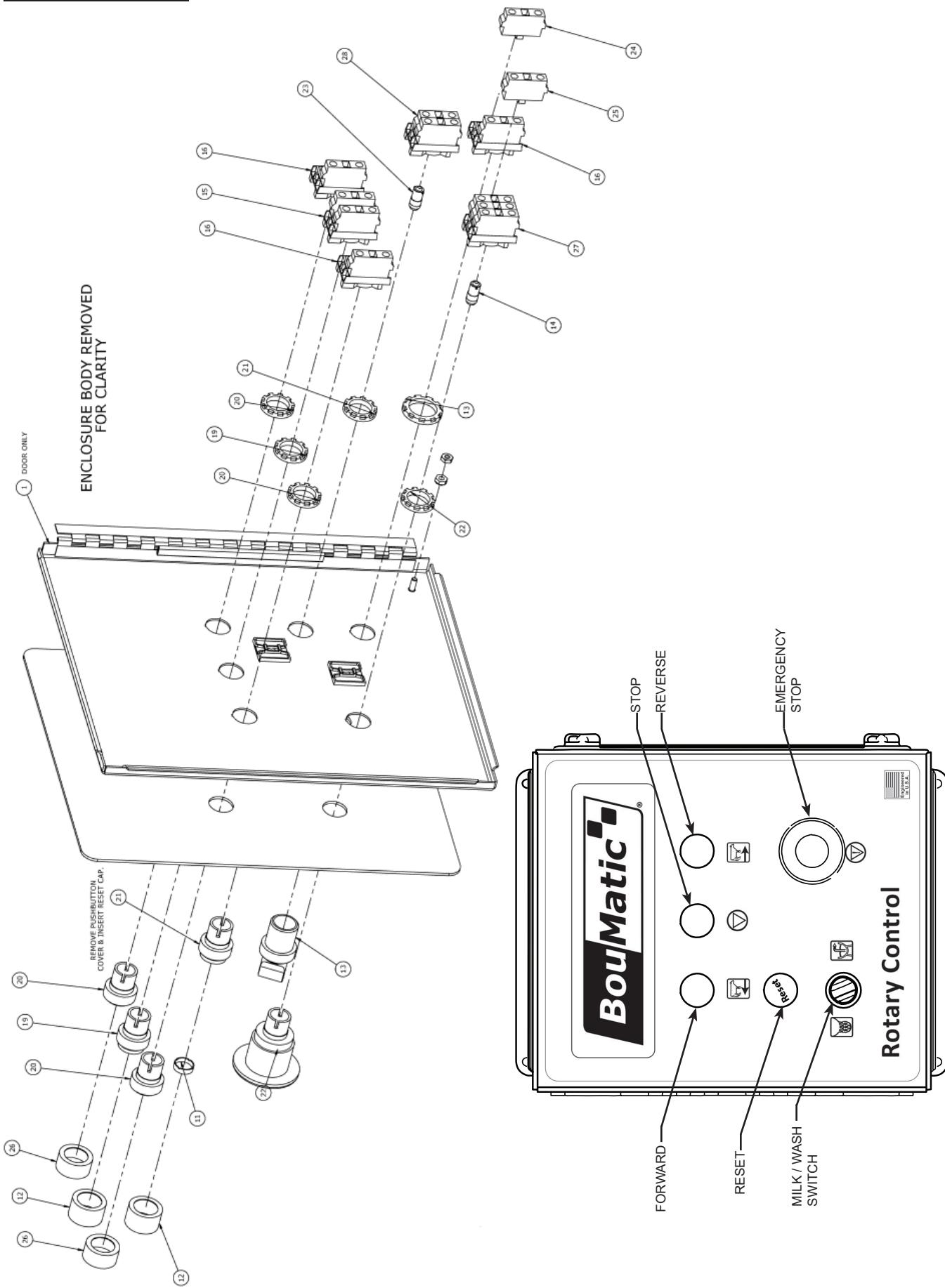
Xcalibur 360EX, Control Console Cont.

| | |
|-----------------------|------------------|
| SECTION J | PAGE 3 |
| EFFECTIVE: 3/13/23 | |

Top of Control Console

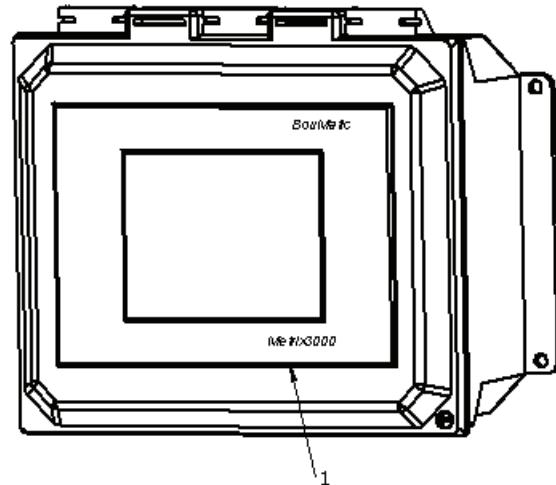
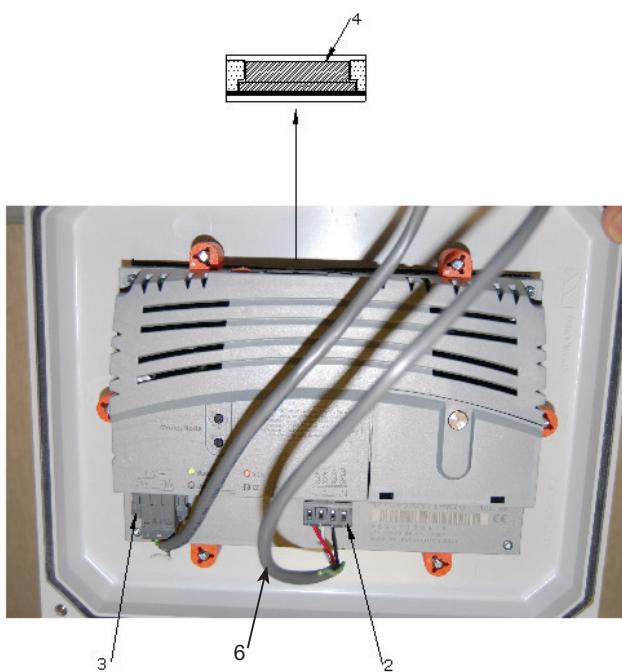


Xcalibur 360EX, Control Console Cont.



HMI Control Assembly (Gen. A)

| | |
|-----------------------|-----------|
| SECTION J | PAGE 5 |
| EFFECTIVE: 1/23/23 | |



| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|--------------------------------|-----------------------------------|
| --- | 3559486 | | CONTROL ASSY,HMI | - |
| 1 | 4029121 ¹ | | HMI,BM,7" QVGA,100MHZ,24VDC | 1 |
| 2 | 4029124 ² | | CONNECTOR,CLAMP,4-PIN,X2X BUS | 1 |
| 3 | 4029123 ² | | CONNECTOR,CLAMP,3-PIN,24 VDC | 1 |
| 4 | 3559491 ² | ⊗ | BATTERY,3V,LITHIUM (CR2477) | 1 |
| 5 | 3562326 ² | n/s | CF CARD,PROG ROTARY CONTROL | a/r |
| 6 | 3559889 | | CABLE,4-COND,24/22GA,COMM,100M | 1 |

Note:

1. If unit is older than Dec. 2020, 3559486 will need to be purchased as a replacement for 4029121.
2. Only for use with units older than 2021.

HMI Control Assembly (Gen. B)

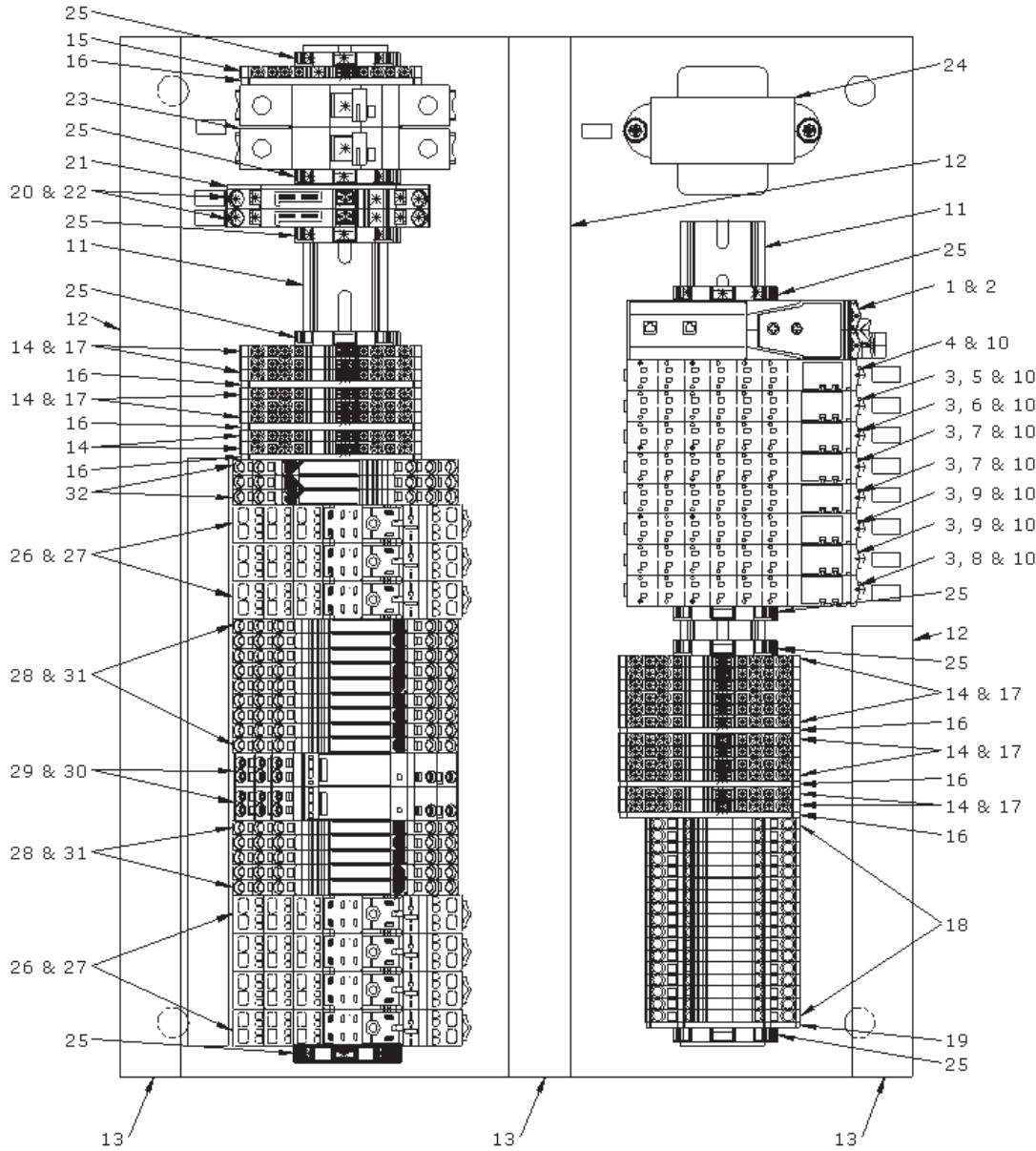
| ITEM | PART NO. | ⊗=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------------------|-----------------------------|-----------------------------|-----------------------------------|
| --- | 3559486 | | CONTROL ASSY,HMI | - |
| 1 | 4029121 ¹ | | HMI,BM,7" QVGA,100MHZ,24VDC | 1 |
| 6 | 4041650 ² | | CONNECTOR,POWER,HMI | 1 |

Note:

1. If unit is older than Dec. 2020, 3559486 will need to be purchased as a replacement for 4029121.
2. Only for use with units newer than December 2020.

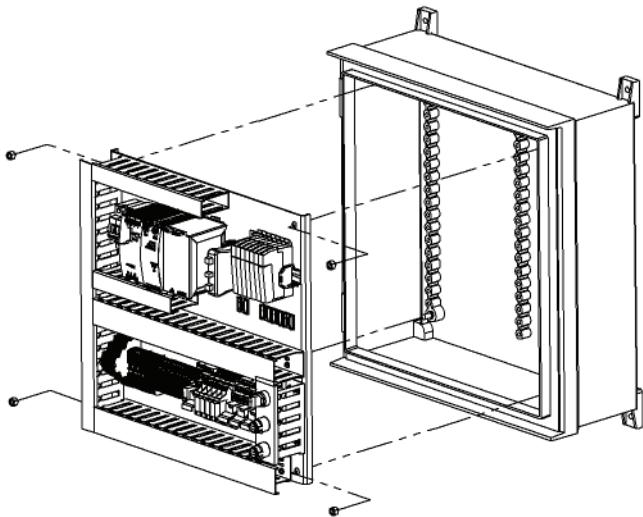


Pipeline Control Assembly, CIP-TTR, F

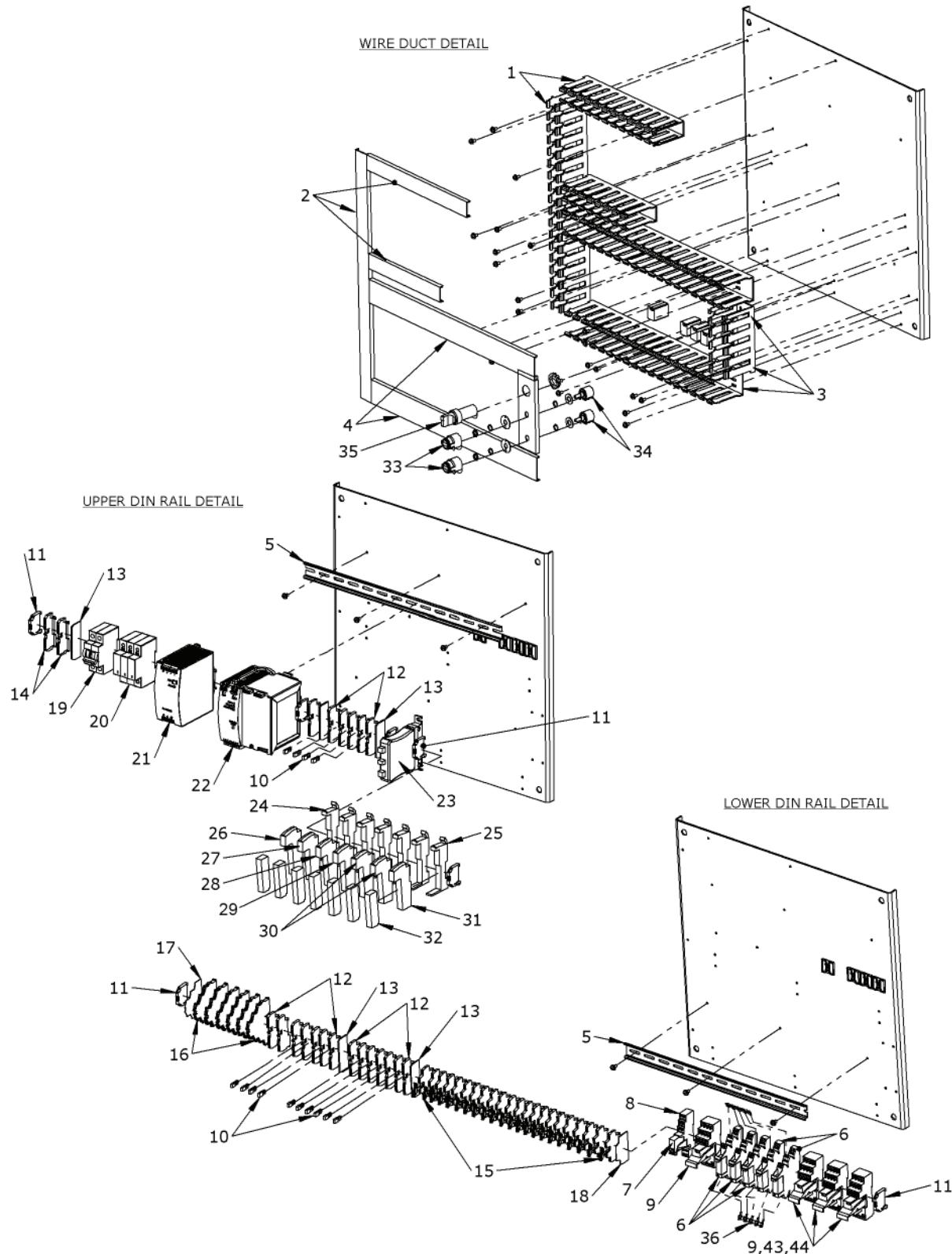


Rotary Main Control with HMI

| | |
|---------------------|------------------|
| SECTION J | PAGE 7 |
| EFFECTIVE: 10/16/23 | |



| ITEM NO. | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|----------|----------|---------------------------------|-----------------------------------|
| --- | 3559430 | CONTROL ASSY,ROTARY,MAIN | - |
| 1 | 3558247 | DUCT,WIRING,1 X 3 X 72 LG | a/r |
| 2 | 3558246 | COVER,DUCT,1 X 72 LG | a/r |
| 3 | 3558248 | DUCT,WIRING,2 X 3 X 72 LG | a/r |
| 4 | 3558270 | COVER,DUCT,2 X 72 LG | a/r |
| 5 | 3557978 | RAIL,DIN,2M LONG X 35MM WIDE | a/r |
| 6 | 3559420 | RELAY,24VDC,2CO | 5 |
| 7 | 3559418 | RELAY,DPDT,24VDC,LOCKING | 1 |
| 8 | 3559419 | BASE,RELAY,DPDT | 1 |
| 9 | 3562046 | RELAY,24VDC,7A,4 POLE | 4 |
| 10 | 3559007 | CONNECTOR,JUMPER | 14 |
| 11 | 3558274 | BRACKET,END,CONN,DIN RAIL MTG | 7 |
| 12 | 3558253 | CONNECTOR,PWR,DIN RAIL MTG | 20 |
| 13 | 3559012 | BARRIER,CONN,DIN RAIL MTG | 5 |
| 14 | 3559011 | CONNECTOR,PWR,PE,DIN RAIL MTG | 2 |
| 15 | 3559416 | TERMINAL BLOCK,2-LEVEL | 22 |
| 16 | 3559905 | TERMINAL BLOCK,4-LEVEL | 6 |
| 17 | 3559906 | TERMINAL BLOCK,END CAP,4-LEVEL | 1 |
| 18 | 3559417 | TERMINAL BLOCK,END CAP,2-LEVEL | 1 |
| 19 | 3559411 | BREAKER,CKT,2-POLE,10A | 1 |
| 20 | 3559412 | SURGE PROTECTOR,3-POLE,AC | 1 |
| 21 | 3559414 | POWER SUPPLY,10A,24VDC | 1 |
| 22 | 3559415 | CONTROLLER,DC,UPS,W/BATT | 1 |
| 23 | 3559428 | CONVERTER,DC TO DC,ISOLATED | 1 |
| 24 | 3560822 | BUS MODULE,SUPPLY,NODESW,BM05 | 1 |
| 25 | 4029127 | BUS MODULE,I/O UNIT,X20 | 6 |
| 26 | 4029128 | BUS RECEIVER,X20 LINK,X20 | 1 |
| 27 | 3559413 | MODULE,UNIVERSAL MIXED,X20 | 1 |
| 28 | 4029130 | DIGITAL MIX MODULE,X20 | 1 |
| 29 | 3559429 | DIGITAL SINK INPUT 12,X20 | 1 |
| 30 | 3559422 | BLANK,X20 | 2 |
| 31 | 3559423 | TRANSMITTER,BUSS,X20 | 1 |
| 32 | 4029131 | TERM BLOCK,12 PIN,X20 | 7 |
| 33 | 3559427 | DIAL COUNTINGL | 2 |
| 34 | 3559425 | POTENTIOMETER,10K,10-TURN | 2 |
| 35 | 3559426 | SWITCH,2-POSITION | 1 |
| 36 | 3560802 | JUMPER RELAY,8-WAY | 2 |
| 37 | 1996554 | n/s WIRE,STRD,18AWG,WHT/BLU,MTW | a/r |
| 38 | 1996553 | n/s WIRE,STRD,18AWG,BLUE,MTW | a/r |
| 39 | 1996335 | n/s WIRE,STRD,14AWG,BLACK,MTW | a/r |
| 40 | 1996334 | n/s WIRE,STRD,14AWG,GRN/YEL,MTW | a/r |
| 41 | 3559493 | n/s CF CARD,512MB,BLANK | 1 |
| 42 | 3562007 | SFTWR,ROTARY PARLOR CONTROL | 1 |
| 43 | 3562047 | EMC SUPPR MODULE,6-24VDC | 4 |
| 44 | 3562048 | SOCKET,RELAY,55 SERIES | 4 |
| 45 | 3564125 | n/s XCALIBUR,RETROFIT,CTRL | a/r |



Xpedia 360 EX and IX - Main Controller

| | |
|-----------------------|------------------|
| SECTION J | PAGE 9 |
| EFFECTIVE: 9/30/13 | |



| ITEM NO. | PART NO. | X=OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) | |
|-------------|-------------|-----------------------------|--------------------------------|-----------------------------------|------|
| | | | | a | r |
| --- | 8589534 | | CONTROL,MAIN.XPEDIA360,1 DRIVE | 9534 | --- |
| --- | 8589535 | | CONTROL,MAIN.XPEDIA360,2 DRIVE | --- | 9535 |
| 1 | 8514195 | | CONTROLLER ASSY,MONZA | 1 | 1 |
| 2 | 8514190 | | CONT ASSY,VSD,0.75KW,XPEDIA | 1 | - |
| 3 | 8582935 | | VAR.SPEED DRIVE 400V,2X0.75KW | - | 1 |
| 4 | 8587517 | | FILTER,EMC,ROTARY DRIVE | 1 | 1 |
| 5 | 8514191 | | POWER SUPPLY,24 VDC,XPEDIA | 1 | 1 |
| 6 | 8514192 | | CONTACTOR,MOTOR,24 VDC,XPEDIA | 1 | - |
| 7 | 8586232 | | CONTACTOR,DOUBLE,XPEDIA | - | 1 |
| 8 | 8589536 | | MODULE,SECURITY,XPEDIA 360 | 1 | 1 |
| 9 | 8589537 | | BREAKER,3P+N 10A,XPEDIA 360 | 1 | 1 |
| 10 | 8589538 | | BREAKER,MOTOR,HEAT,.75kW,XP360 | 1 | 2 |
| 11 | 8589539 | | BREAKER,1P+N 2A,XEPDIA 360 | 1 | 1 |



(1)

(2) (3)

(4)

(5)

(6)



(7)

(8)

(9)

(10)

(11)

Xpedia 360 EX and IX - Rotary Controller



| ITEM | PART NO. | OBSOLETE n/s=NOT SHOWN | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|---------------------------|--------------------------------|-----------------------------------|
| --- | 8530573 | | MCP SPE ROTO 16-28 | --- |
| --- | 8530574 | | MCP SPE ROTO 28-36 | --- |
| 1 | 8589540 | | TRANSFORMER,220-24V,2PULS | 1 |
| 2 | 8589541 | | TRANSFORMER,220-24V,3PULS | 1 |
| 3 | 8589542 | | CONTACTOR,PULS 9A | 1 |
| 4 | 8589543 | | CONTACTOR,PULS 6A | 1 |
| 5 | 8589544 | | CIRCUIT BREAKER,2 PULS,16A | 1 |
| 6 | 8589545 | | CIRCUIT BREAKER,3 PULS,25A | 1 |
| 7 | 8589546 | | CIRCUIT BREAKER,DET-PULS,6A | 1 |
| 8 | 8589547 | | 2 RELAY,PLUG-IN,AUX,24 VDC,XPD | 1 |
| 9 | 8514193 | | RELAY,PLUG-IN,AUX,24 VDC,XPD | 1 |
| 10 | 8593616 | n/s | NAMEPLATE,CONTROLLER,360IX | 1* |

* Required for installations obtaining CSA approval. Affix to the front of the controller.



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③ ④



⑤ ⑥ ⑦



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⑨

Xpedia 360 EX and IX - Keyboard

| | |
|-----------------------|-------------------|
| SECTION J | PAGE 11 |
| EFFECTIVE: 9/30/13 | |

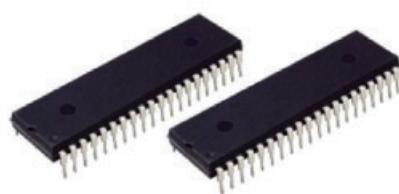
| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=AS REQUIRED) |
|------|----------|-------------------------------|-----------------------------------|
| --- | 8514194 | KEYBOARD,CONTROL,ROTARY | --- |
| 1 | 8582940 | SET ELECTRONIC BOARD | 1 |
| 2 | 8582941 | DISPLAY,CONTROLLER,XPEDIA 360 | 1 |
| 3 | 8588240 | PKG,EP ROM,XPEDIA CONTROLLER | 1 |



(1)



(2)

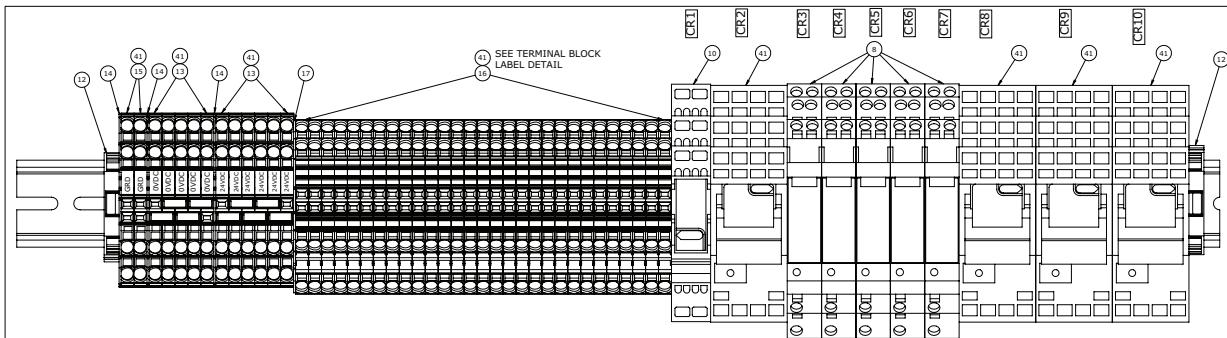
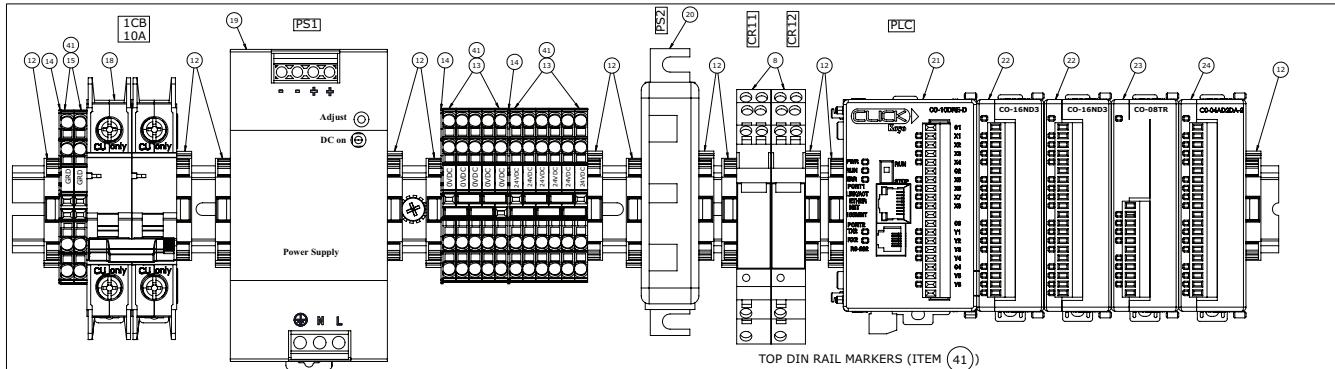


(3)

Rotary Main Control without HMI

| Item | Part No. | Description | QTY REQUIRED (a/r=As Required) |
|--|----------|--------------------------------|-----------------------------------|
| 3564057 ROTARY CONTROLLER CLICK PLC | | | |
| 1 | 3564087 | PANEL,ENCL,CNTRL,XCALIBUR 2.0 | 1 |
| 2 | 3564080 | DUCT/CVR,WIRING,1X3X22IN | 1 |
| 3 | 3564081 | DUCT/CVR,WIRING,1X3X23IN | 1 |
| 4 | 3564082 | DUCT/CVR,WIRING,2.25X3X22IN | 2 |
| 5 | 3564083 | DUCT/CVR,WIRING,2.25X3X7.875IN | 1 |
| 6 | 3557978 | RAIL,DIN,2M LONG X 35MM WIDE | .50 |
| 7 | 1098216 | MSCR,PNH,SS,SEMS,10-32 X 3/8 | 34 |
| 8 | 3559420 | RELAY,24VDC,2CO | 7 |
| 9 | 3559418 | RELAY,DPDT,24VDC,LOCKING | 1 |
| 10 | 3559419 | BASE,RELAY,DPDT | 1 |
| 11 | 3564064 | CONNECTOR,JUMPER,WAGO | 18 |
| 12 | 3558274 | BRACKET,END,CONN,DIN RAIL MTG | 14 |
| 13 | 3564065 | CONNECTOR,PWR,DIN RAIL MTG | 22 |
| 14 | 3564066 | BARRIER,CONN,DIN RAIL MTG | 6 |
| 15 | 3564067 | CONNECTOR,PWR,PE,DIN RAIL MTG | 4 |
| 16 | 3564068 | TERMINAL BLOCK,2-LEVEL | 29 |
| 17 | 3564069 | TERMINAL BLK,END CAP,2-LEVEL | 1 |
| 18 | 3564070 | BREAKER,CIRCUIT,2-POLE,10A | 1 |
| 19 | 3564071 | POWER SUPPLY,10A,24VDC | 1 |
| 20 | 3559428 | CONVERTER,DC TO DC,ISOLATED | 1 |
| 21 | 3563557 | PLC,CLICK,ETHERNET BASIC,24V | 1 |
| 22 | 3564016 | CARD,INPUT,DI,16 POINT,CLICK | 2 |
| 23 | 3564078 | MODULE,OUTPUT,8 PT 12-24VDC | 1 |
| 24 | 3564079 | MODULE,I/O,4IN/2OUT,24VDC | 1 |
| 25 | 3564043 | LED INDICATOR,RED,24VDC | 15 |

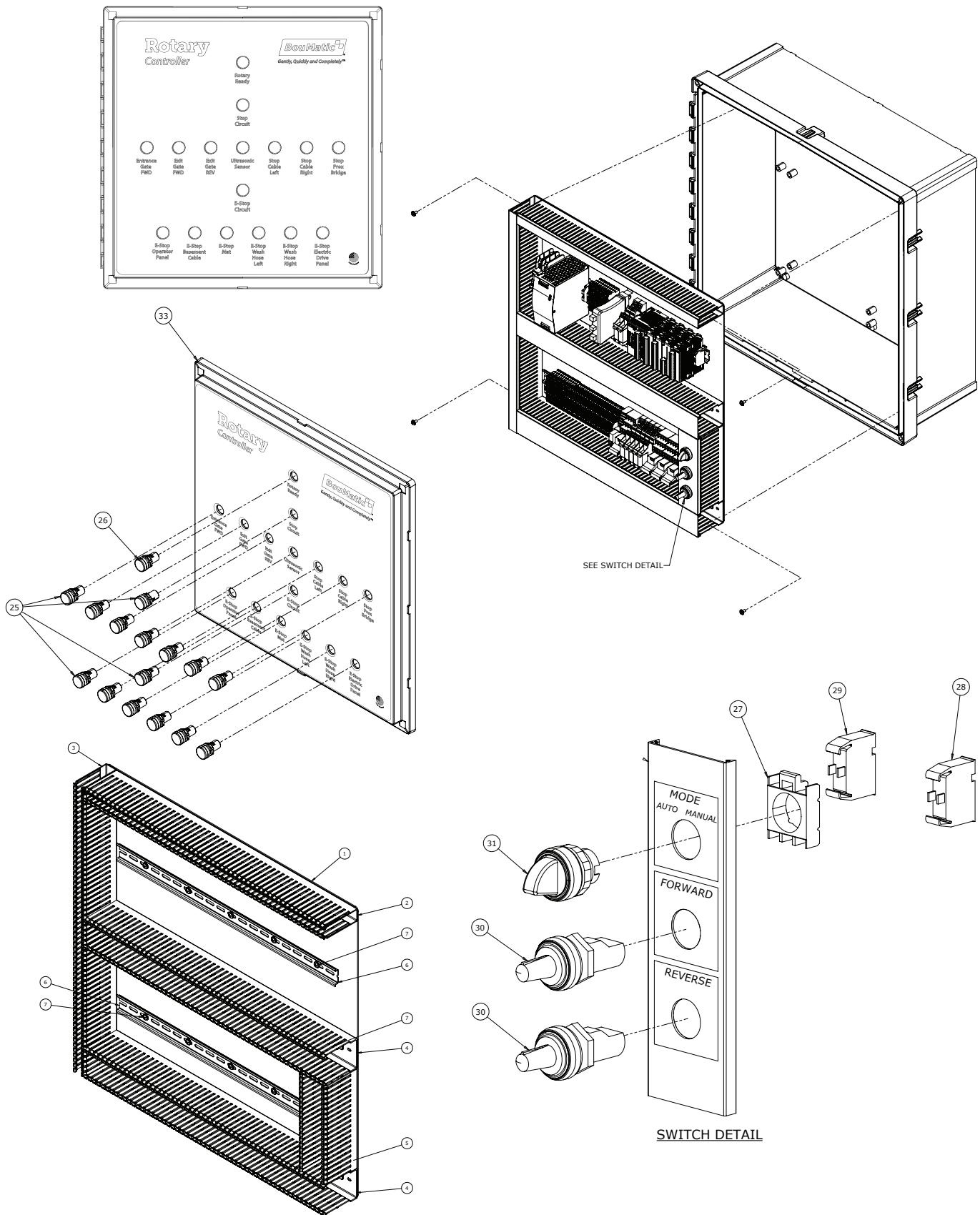
| Item | Part No. | Description | QTY REQUIRED (a/r=As Required) |
|--|----------|--------------------------------------|-----------------------------------|
| 3564057 ROTARY CONTROLLER CLICK PLC | | | |
| 26 | 3564041 | LED INDICATOR,GREEN,24VDC | 1 |
| 27 | 3564072 | BASE,MOUNTING,LOVATO SWITCH | 1 |
| 28 | 3564073 | CONTACT BLOCK,POTENTIOMETER,NO | 1 |
| 29 | 3564074 | CONTACT BLOCK,POTENTIOMETER,NC | 1 |
| 30 | 3564075 | POTENTIOMETER,10K,22MM | 2 |
| 31 | 3564076 | SWITCH,SELECTOR,2-POSITION | 1 |
| 32 | 3560802 | JUMPER RELAY,8-WAY | 2 |
| 33 | 3564077 | ENCLOSURE,24.00X24.00X10.63 | 1 |
| 34 | 3561319 | MARKERS,TERM BLK,UNIVERSAL | 1 |
| 35 | 1996554 | n/s WIRE,STRD,18AWG,WHT/BLU,MTW | 40 |
| 36 | 1996553 | n/s WIRE,STRD,18AWG,BLUE,MTW,100' RL | 200 |
| 37 | 1996335 | n/s WIRE,STRD,14AWG,BLACK,MTW | 6 |
| 38 | 1996334 | n/s WIRE,STRD,14AWG,GRN/YEL,MTW | 6 |
| 39 | 3562046 | RELAY,24VDC,7A,4 POLE | 4 |
| 40 | 3562047 | EMC SUPPR MODULE,6-24VDC | 4 |
| 41 | 3562048 | SOCKET,RELAY,55 SERIES | 4 |



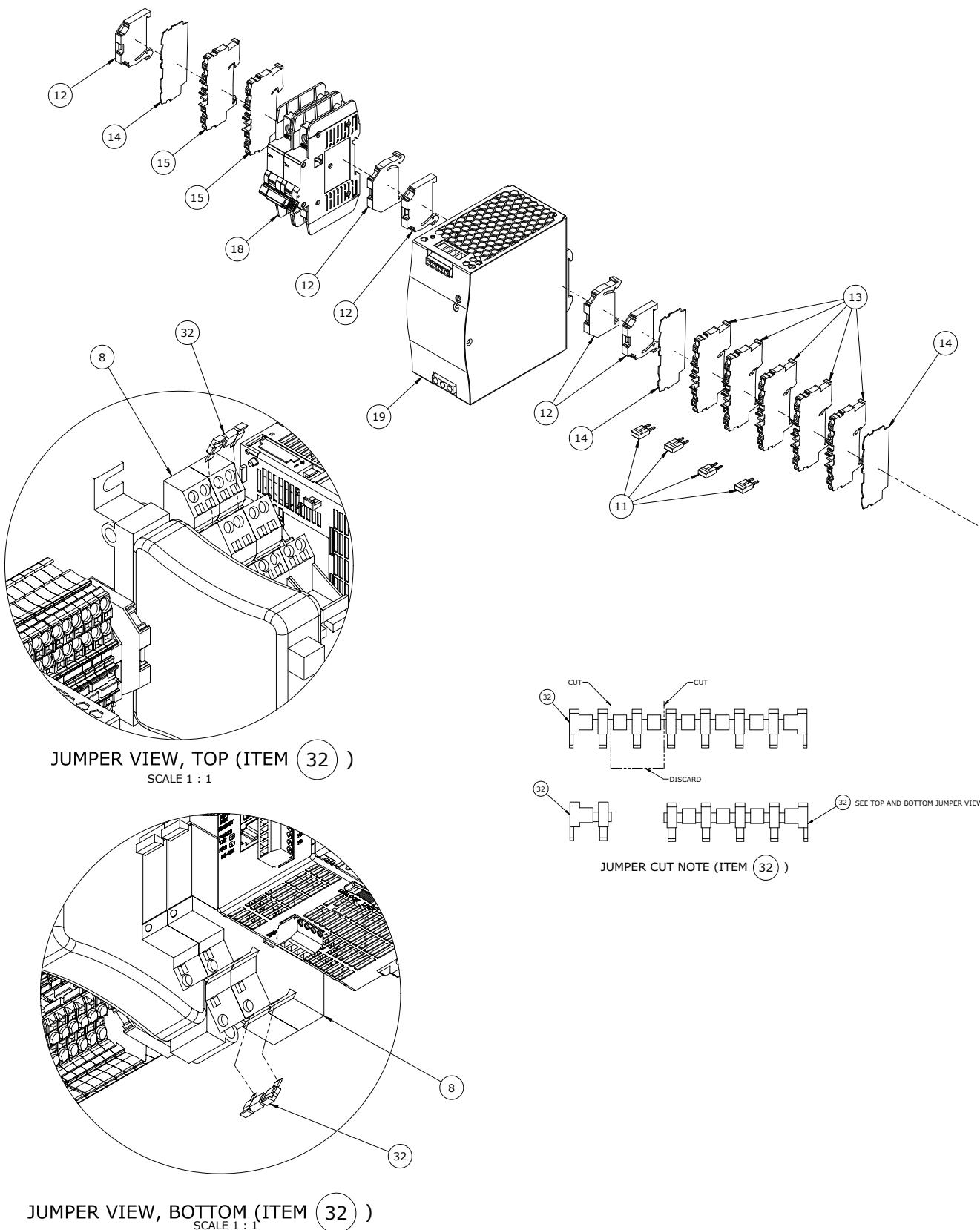
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 300-1 | 100-1 | 100-2 | 100-3 | 100-4 | 100-5 | 100-6 | 100-7 | 100-8 | 1DI-2 | 1DI-3 | 1DI-4 | 1DI-5 | 1DI-6 | 1DI-7 | 1DI-8 | 1DI-9 | 1DI-10 | 1DI-11 | 1DI-12 | 1DI-13 | 1DI-14 | 1DI-15 | 1DI-16 | 1DI-17 | 1DI-18 | 1DI-19 | 1DI-20 | 1DI-21 | 1DI-22 | 1DI-23 | 1DI-24 | 1DI-25 | 1DI-26 | 1DI-27 | 1DI-28 | 1DI-29 | 1DI-30 | 1DI-31 | 1DI-32 | 1DI-33 | 1DI-34 | 1DI-35 | 1DI-36 | 1DI-37 | 1DI-38 | 1DI-39 | 1DI-40 | 1DI-41 | 1DI-42 | 1DI-43 | 1DI-44 | 1DI-45 | 1DI-46 | 1DI-47 | 1DI-48 | 1DI-49 | 1DI-50 | 1DI-51 | 1DI-52 | 1DI-53 | 1DI-54 | 1DI-55 | 1DI-56 | 1DI-57 | 1DI-58 | 1DI-59 | 1DI-60 | 1DI-61 | 1DI-62 | 1DI-63 | 1DI-64 | 1DI-65 | 1DI-66 | 1DI-67 | 1DI-68 | 1DI-69 | 1DI-70 | 1DI-71 | 1DI-72 | 1DI-73 | 1DI-74 | 1DI-75 | 1DI-76 | 1DI-77 | 1DI-78 | 1DI-79 | 1DI-80 | 1DI-81 | 1DI-82 | 1DI-83 | 1DI-84 | 1DI-85 | 1DI-86 | 1DI-87 | 1DI-88 | 1DI-89 | 1DI-90 | 1DI-91 | 1DI-92 | 1DI-93 | 1DI-94 | 1DI-95 | 1DI-96 | 1DI-97 | 1DI-98 | 1DI-99 | 1DI-100 | 1DI-101 | 1DI-102 | 1DI-103 | 1DI-104 | 1DI-105 | 1DI-106 | 1DI-107 | 1DI-108 | 1DI-109 | 1DI-110 | 1DI-111 | 1DI-112 | 1DI-113 | 1DI-114 | 1DI-115 | 1DI-116 | 1DI-117 | 1DI-118 | 1DI-119 | 1DI-120 | 1DI-121 | 1DI-122 | 1DI-123 | 1DI-124 | 1DI-125 | 1DI-126 | 1DI-127 | 1DI-128 | 1DI-129 | 1DI-130 | 1DI-131 | 1DI-132 | 1DI-133 | 1DI-134 | 1DI-135 | 1DI-136 | 1DI-137 | 1DI-138 | 1DI-139 | 1DI-140 | 1DI-141 | 1DI-142 | 1DI-143 | 1DI-144 | 1DI-145 | 1DI-146 | 1DI-147 | 1DI-148 | 1DI-149 | 1DI-150 | 1DI-151 | 1DI-152 | 1DI-153 | 1DI-154 | 1DI-155 | 1DI-156 | 1DI-157 | 1DI-158 | 1DI-159 | 1DI-160 | 1DI-161 | 1DI-162 | 1DI-163 | 1DI-164 | 1DI-165 | 1DI-166 | 1DI-167 | 1DI-168 | 1DI-169 | 1DI-170 | 1DI-171 | 1DI-172 | 1DI-173 | 1DI-174 | 1DI-175 | 1DI-176 | 1DI-177 | 1DI-178 | 1DI-179 | 1DI-180 | 1DI-181 | 1DI-182 | 1DI-183 | 1DI-184 | 1DI-185 | 1DI-186 | 1DI-187 | 1DI-188 | 1DI-189 | 1DI-190 | 1DI-191 | 1DI-192 | 1DI-193 | 1DI-194 | 1DI-195 | 1DI-196 | 1DI-197 | 1DI-198 | 1DI-199 | 1DI-200 | 1DI-201 | 1DI-202 | 1DI-203 | 1DI-204 | 1DI-205 | 1DI-206 | 1DI-207 | 1DI-208 | 1DI-209 | 1DI-210 | 1DI-211 | 1DI-212 | 1DI-213 | 1DI-214 | 1DI-215 | 1DI-216 | 1DI-217 | 1DI-218 | 1DI-219 | 1DI-220 | 1DI-221 | 1DI-222 | 1DI-223 | 1DI-224 | 1DI-225 | 1DI-226 | 1DI-227 | 1DI-228 | 1DI-229 | 1DI-230 | 1DI-231 | 1DI-232 | 1DI-233 | 1DI-234 | 1DI-235 | 1DI-236 | 1DI-237 | 1DI-238 | 1DI-239 | 1DI-240 | 1DI-241 | 1DI-242 | 1DI-243 | 1DI-244 | 1DI-245 | 1DI-246 | 1DI-247 | 1DI-248 | 1DI-249 | 1DI-250 | 1DI-251 | 1DI-252 | 1DI-253 | 1DI-254 | 1DI-255 | 1DI-256 | 1DI-257 | 1DI-258 | 1DI-259 | 1DI-260 | 1DI-261 | 1DI-262 | 1DI-263 | 1DI-264 | 1DI-265 | 1DI-266 | 1DI-267 | 1DI-268 | 1DI-269 | 1DI-270 | 1DI-271 | 1DI-272 | 1DI-273 | 1DI-274 | 1DI-275 | 1DI-276 | 1DI-277 | 1DI-278 | 1DI-279 | 1DI-280 | 1DI-281 | 1DI-282 | 1DI-283 | 1DI-284 | 1DI-285 | 1DI-286 | 1DI-287 | 1DI-288 | 1DI-289 | 1DI-290 | 1DI-291 | 1DI-292 | 1DI-293 | 1DI-294 | 1DI-295 | 1DI-296 | 1DI-297 | 1DI-298 | 1DI-299 | 1DI-300 | 1DI-301 | 1DI-302 | 1DI-303 | 1DI-304 | 1DI-305 | 1DI-306 | 1DI-307 | 1DI-308 | 1DI-309 | 1DI-310 | 1DI-311 | 1DI-312 | 1DI-313 | 1DI-314 | 1DI-315 | 1DI-316 | 1DI-317 | 1DI-318 | 1DI-319 | 1DI-320 | 1DI-321 | 1DI-322 | 1DI-323 | 1DI-324 | 1DI-325 | 1DI-326 | 1DI-327 | 1DI-328 | 1DI-329 | 1DI-330 | 1DI-331 | 1DI-332 | 1DI-333 | 1DI-334 | 1DI-335 | 1DI-336 | 1DI-337 | 1DI-338 | 1DI-339 | 1DI-340 | 1DI-341 | 1DI-342 | 1DI-343 | 1DI-344 | 1DI-345 | 1DI-346 | 1DI-347 | 1DI-348 | 1DI-349 | 1DI-350 | 1DI-351 | 1DI-352 | 1DI-353 | 1DI-354 | 1DI-355 | 1DI-356 | 1DI-357 | 1DI-358 | 1DI-359 | 1DI-360 | 1DI-361 | 1DI-362 | 1DI-363 | 1DI-364 | 1DI-365 | 1DI-366 | 1DI-367 | 1DI-368 | 1DI-369 | 1DI-370 | 1DI-371 | 1DI-372 | 1DI-373 | 1DI-374 | 1DI-375 | 1DI-376 | 1DI-377 | 1DI-378 | 1DI-379 | 1DI-380 | 1DI-381 | 1DI-382 | 1DI-383 | 1DI-384 | 1DI-385 | 1DI-386 | 1DI-387 | 1DI-388 | 1DI-389 | 1DI-390 | 1DI-391 | 1DI-392 | 1DI-393 | 1DI-394 | 1DI-395 | 1DI-396 | 1DI-397 | 1DI-398 | 1DI-399 | 1DI-400 | 1DI-401 | 1DI-402 | 1DI-403 | 1DI-404 | 1DI-405 | 1DI-406 | 1DI-407 | 1DI-408 | 1DI-409 | 1DI-410 | 1DI-411 | 1DI-412 | 1DI-413 | 1DI-414 | 1DI-415 | 1DI-416 | 1DI-417 | 1DI-418 | 1DI-419 | 1DI-420 | 1DI-421 | 1DI-422 | 1DI-423 | 1DI-424 | 1DI-425 | 1DI-426 | 1DI-427 | 1DI-428 | 1DI-429 | 1DI-430 | 1DI-431 | 1DI-432 | 1DI-433 | 1DI-434 | 1DI-435 | 1DI-436 | 1DI-437 | 1DI-438 | 1DI-439 | 1DI-440 | 1DI-441 | 1DI-442 | 1DI-443 | 1DI-444 | 1DI-445 | 1DI-446 | 1DI-447 | 1DI-448 | 1DI-449 | 1DI-450 | 1DI-451 | 1DI-452 | 1DI-453 | 1DI-454 | 1DI-455 | 1DI-456 | 1DI-457 | 1DI-458 | 1DI-459 | 1DI-460 | 1DI-461 | 1DI-462 | 1DI-463 | 1DI-464 | 1DI-465 | 1DI-466 | 1DI-467 | 1DI-468 | 1DI-469 | 1DI-470 | 1DI-471 | 1DI-472 | 1DI-473 | 1DI-474 | 1DI-475 | 1DI-476 | 1DI-477 | 1DI-478 | 1DI-479 | 1DI-480 | 1DI-481 | 1DI-482 | 1DI-483 | 1DI-484 | 1DI-485 | 1DI-486 | 1DI-487 | 1DI-488 | 1DI-489 | 1DI-490 | 1DI-491 | 1DI-492 | 1DI-493 | 1DI-494 | 1DI-495 | 1DI-496 | 1DI-497 | 1DI-498 | 1DI-499 | 1DI-500 | 1DI-501 | 1DI-502 | 1DI-503 | 1DI-504 | 1DI-505 | 1DI-506 | 1DI-507 | 1DI-508 | 1DI-509 | 1DI-510 | 1DI-511 | 1DI-512 | 1DI-513 | 1DI-514 | 1DI-515 | 1DI-516 | 1DI-517 | 1DI-518 | 1DI-519 | 1DI-520 | 1DI-521 | 1DI-522 | 1DI-523 | 1DI-524 | 1DI-525 | 1DI-526 | 1DI-527 | 1DI-528 | 1DI-529 | 1DI-530 | 1DI-531 | 1DI-532 | 1DI-533 | 1DI-534 | 1DI-535 | 1DI-536 | 1DI-537 | 1DI-538 | 1DI-539 | 1DI-540 | 1DI-541 | 1DI-542 | 1DI-543 | 1DI-544 | 1DI-545 | 1DI-546 | 1DI-547 | 1DI-548 | 1DI-549 | 1DI-550 | 1DI-551 | 1DI-552 | 1DI-553 | 1DI-554 | 1DI-555 | 1DI-556 | 1DI-557 | 1DI-558 | 1DI-559 | 1DI-560 | 1DI-561 | 1DI-562 | 1DI-563 | 1DI-564 | 1DI-565 | 1DI-566 | 1DI-567 | 1DI-568 | 1DI-569 | 1DI-570 | 1DI-571 | 1DI-572 | 1DI-573 | 1DI-574 | 1DI-575 | 1DI-576 | 1DI-577 | 1DI-578 | 1DI-579 | 1DI-580 | 1DI-581 | 1DI-582 | 1DI-583 | 1DI-584 | 1DI-585 | 1DI-586 | 1DI-587 | 1DI-588 | 1DI-589 | 1DI-590 | 1DI-591 | 1DI-592 | 1DI-593 | 1DI-594 | 1DI-595 | 1DI-596 | 1DI-597 | 1DI-598 | 1DI-599 | 1DI-600 | 1DI-601 | 1DI-602 | 1DI-603 | 1DI-604 | 1DI-605 | 1DI-606 | 1DI-607 | 1DI-608 | 1DI-609 | 1DI-610 | 1DI-611 | 1DI-612 | 1DI-613 | 1DI-614 | 1DI-615 | 1DI-616 | 1DI-617 | 1DI-618 | 1DI-619 | 1DI-620 | 1DI-621 | 1DI-622 | 1DI-623 | 1DI-624 | 1DI-625 | 1DI-626 | 1DI-627 | 1DI-628 | 1DI-629 | 1DI-630 | 1DI-631 | 1DI-632 | 1DI-633 | 1DI-634 | 1DI-635 | 1DI-636 | 1DI-637 | 1DI-638 | 1DI-639 | 1DI-640 | 1DI-641 | 1DI-642 | 1DI-643 | 1DI-644 | 1DI-645 | 1DI-646 | 1DI-647 | 1DI-648 | 1DI-649 | 1DI-650 | 1DI-651 | 1DI-652 | 1DI-653 | 1DI-654 | 1DI-655 | 1DI-656 | 1DI-657 | 1DI-658 | 1DI-659 | 1DI-660 | 1DI-661 | 1DI-662 | 1DI-663 | 1DI-664 | 1DI-665 | 1DI-666 | 1DI-667 | 1DI-668 | 1DI-669 | 1DI-670 | 1DI-671 | 1DI-672 | 1DI-673 | 1DI-674 | 1DI-675 | 1DI-676 | 1DI-677 | 1DI-678 | 1DI-679 | 1DI-680 | 1DI-681 | 1DI-682 | 1DI-683 | 1DI-684 | 1DI-685 | 1DI-686 | 1DI-687 | 1DI-688 | 1DI-689 | 1DI-690 | 1DI-691 | 1DI-692 | 1DI-693 | 1DI-694 | 1DI-695 | 1DI-696 | 1DI-697 | 1DI-698 | 1DI-699 | 1DI-700 | 1DI-701 | 1DI-702 | 1DI-703 | 1DI-704 | 1DI-705 | 1DI-706 | 1DI-707 | 1DI-708 | 1DI-709 | 1DI-710 | 1DI-711 | 1DI-712 | 1DI-713 | 1DI-714 | 1DI-715 | 1DI-716 | 1DI-717 | 1DI-718 | 1DI-719 | 1DI-720 | 1DI-721 | 1DI-722 | 1DI-723 | 1DI-724 | 1DI-725 | 1DI-726 | 1DI-727 | 1DI-728 | 1DI-729 | 1DI-730 | 1DI-731 | 1DI-732 | 1DI-733 | 1DI-734 | 1DI-735 | 1DI-736 | 1DI-737 | 1DI-738 | 1DI-739 | 1DI-740 | 1DI-741 | 1DI-742 | 1DI-743 | 1DI-744 | 1DI-745 | 1DI-746 | 1DI-747 | 1DI- |

Rotary Main Control without HMI (Cont.)

| | |
|-----------------------|-------------------|
| SECTION J | PAGE 13 |
| EFFECTIVE: 7/21/23 | |

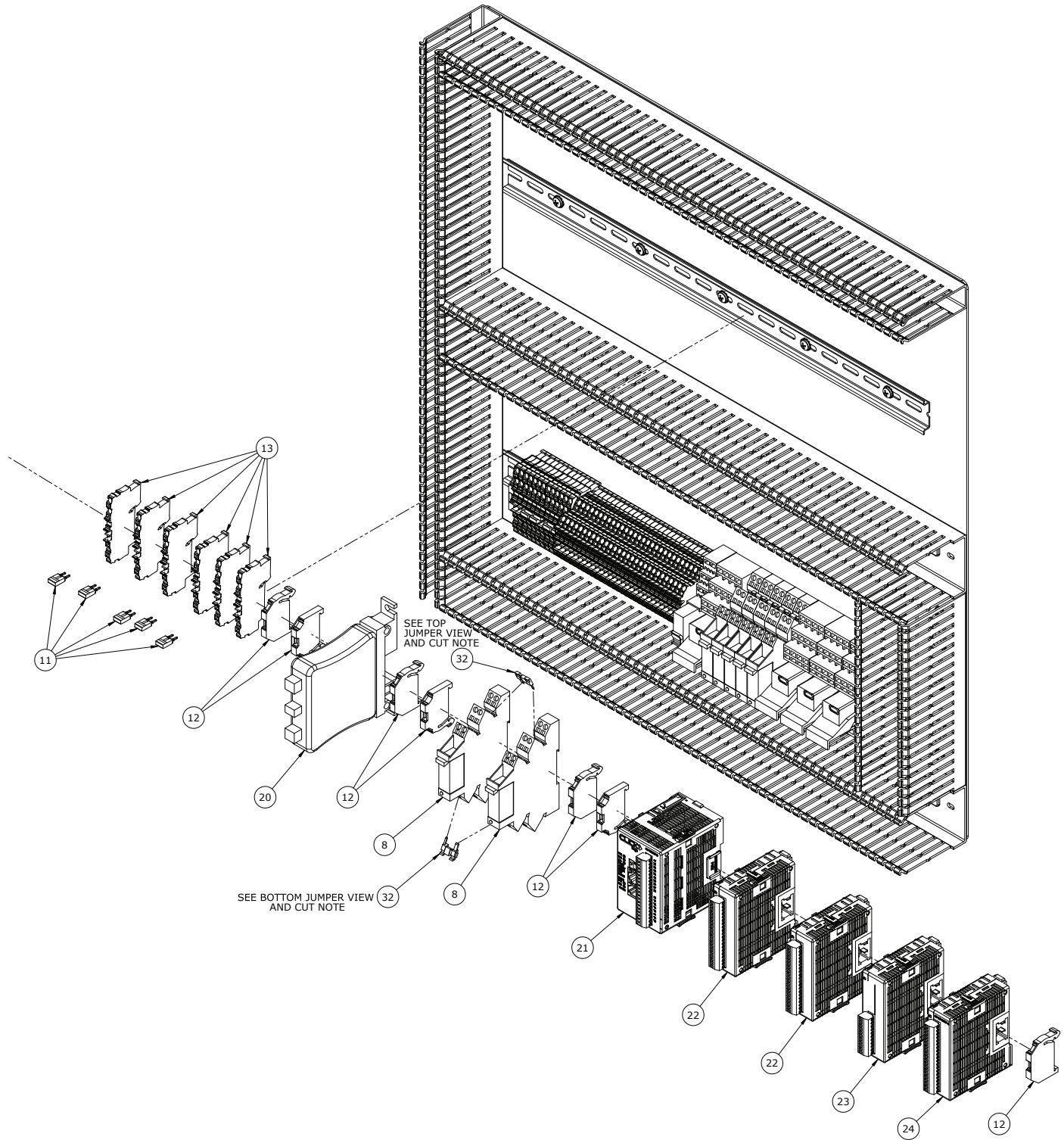


Rotary Main Control without HMI (Cont.)

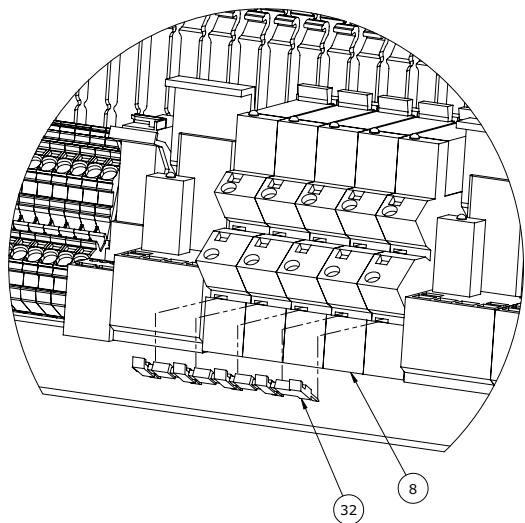
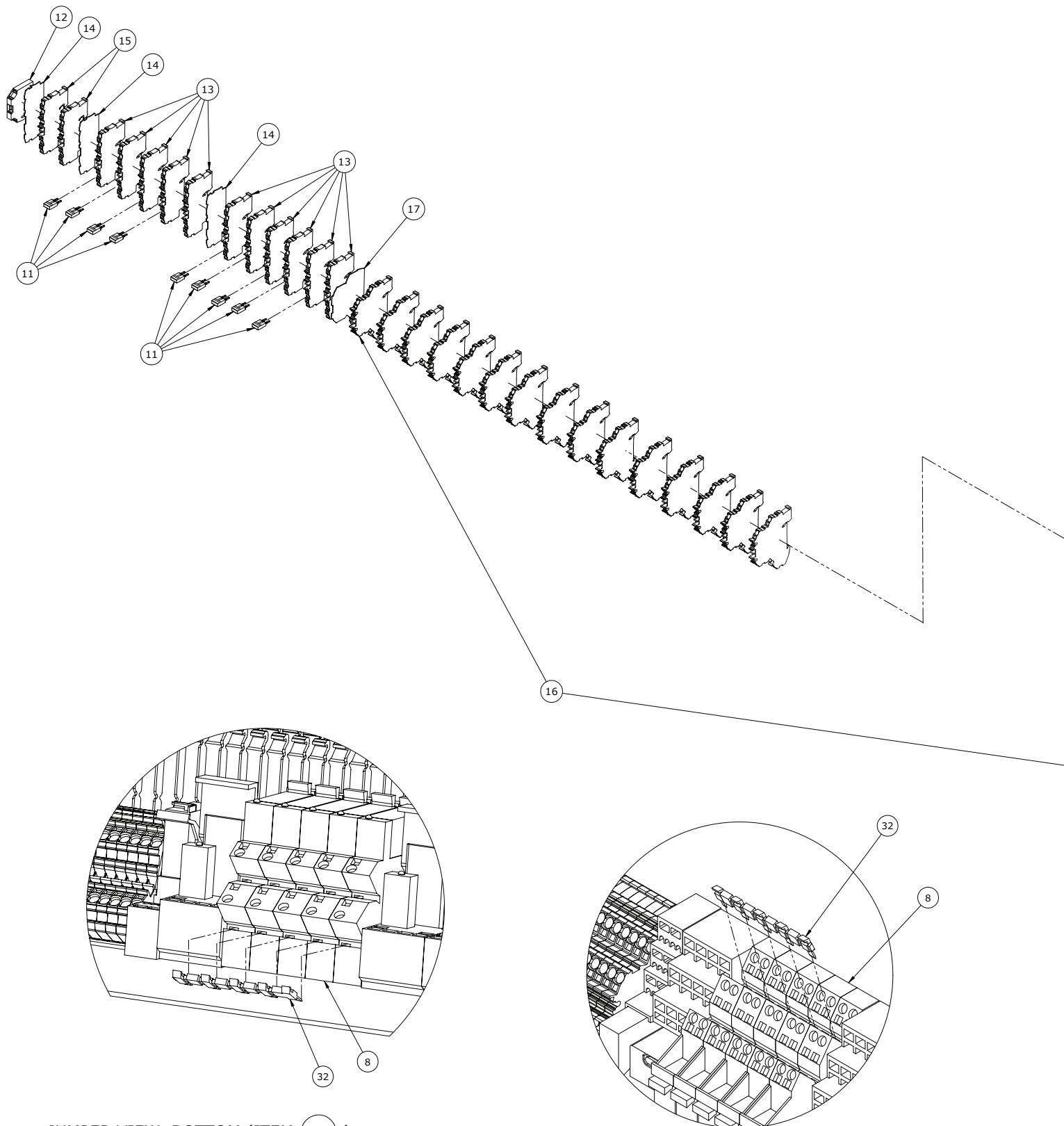


Rotary Main Control without HMI (Cont.)

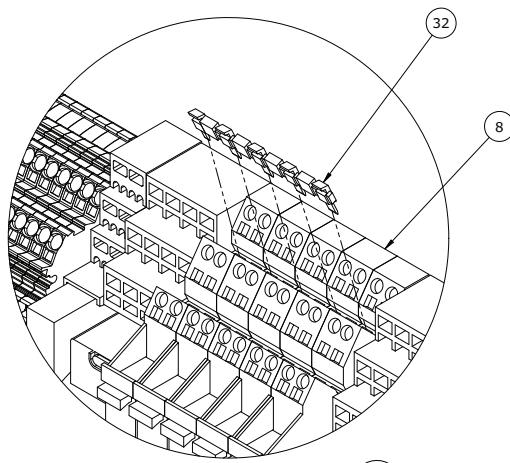
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|-----------------------|-------------------|
| SECTION J | PAGE 15 |
| EFFECTIVE: 7/21/23 | |



Rotary Main Control without HMI (Cont.)



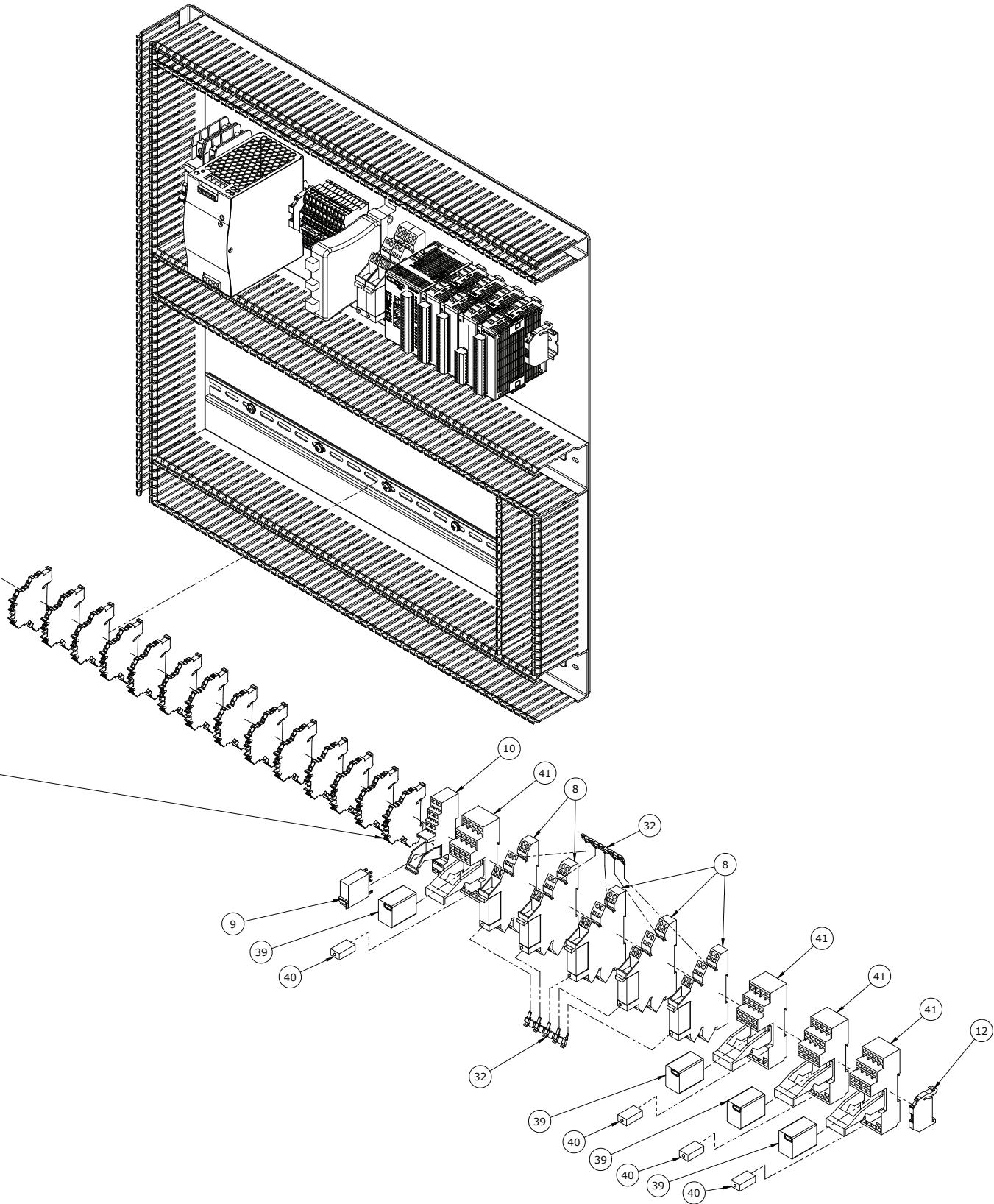
JUMPER VIEW, BOTTOM (ITEM (32))
SCALE 1 : 1



JUMPER VIEW, TOP (ITEM (32))
SCALE 1 : 1

Rotary Main Control without HMI (Cont.)

| | |
|-----------------------|-------------------|
| SECTION J | PAGE 17 |
| EFFECTIVE: 7/21/23 | |

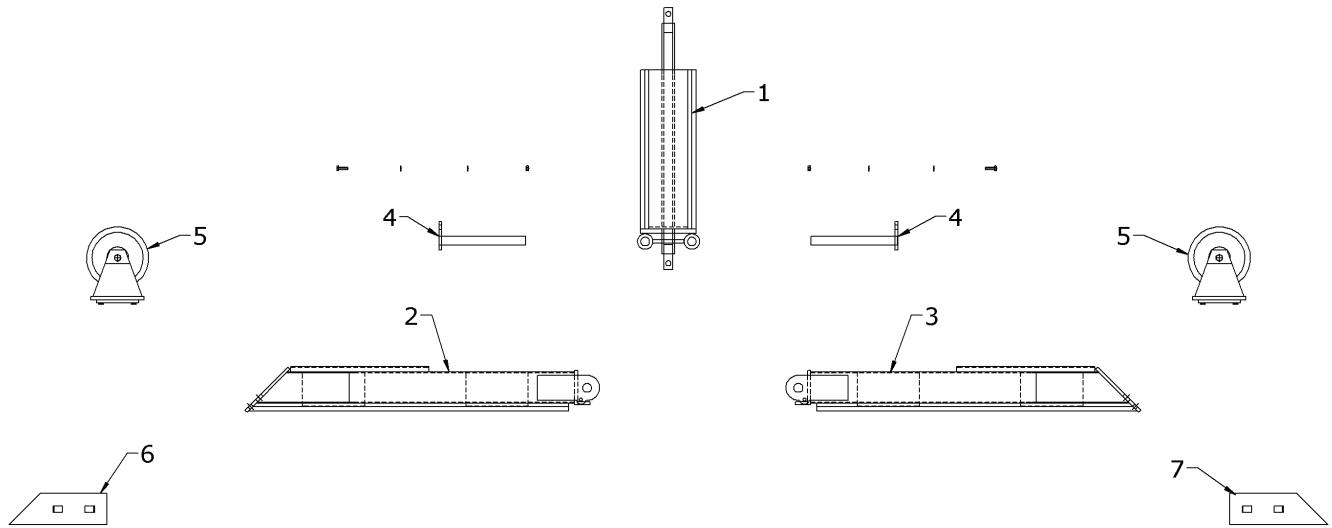


Slurry Equipment

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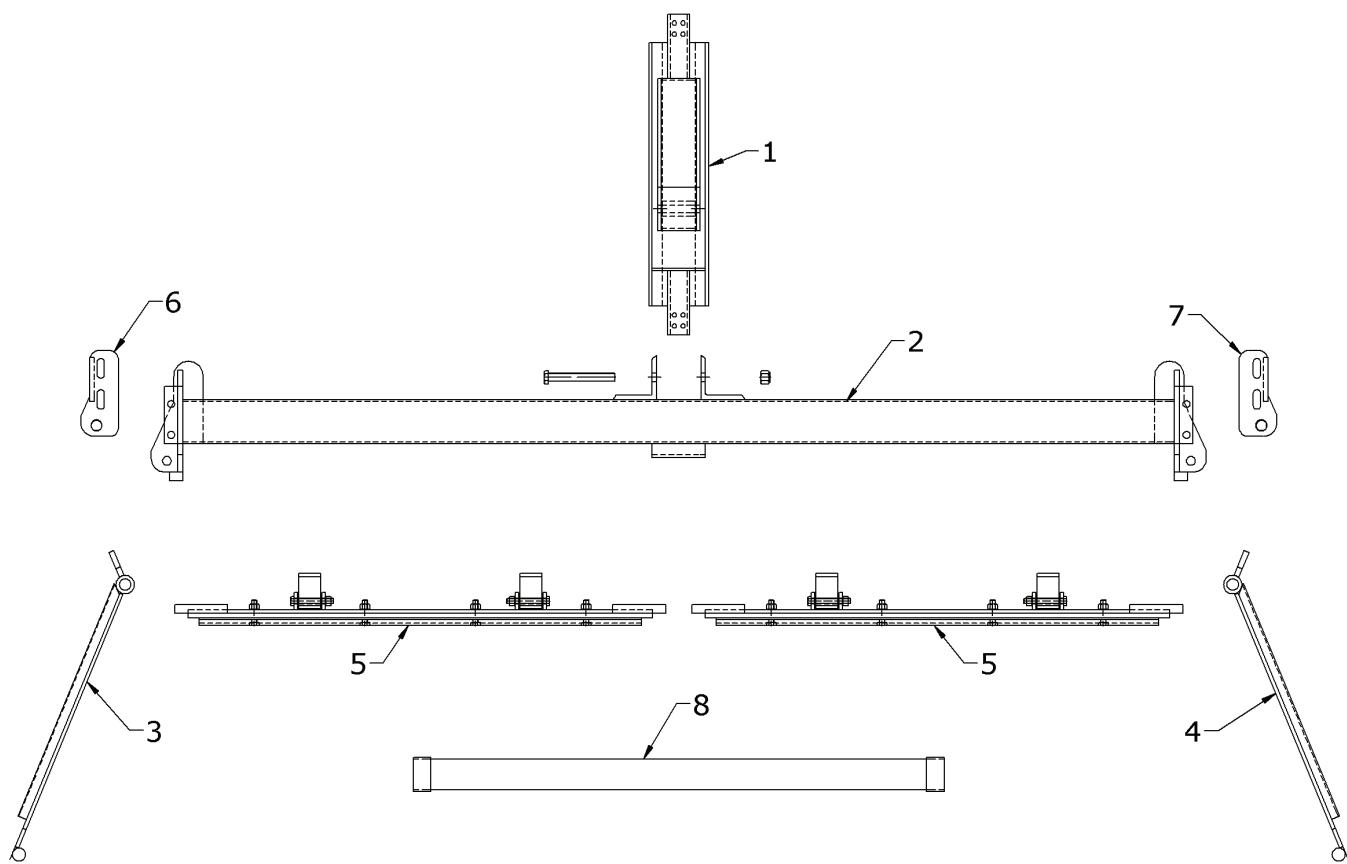
Typhoon™ V-Style Scraper



Typhoon™ V-Style Scraper (Cont.)

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | |
|------|----------|-----------------------------|----------------------------|-----------------------------------|------|------|
| | | | | ECO | SLIM | PLUS |
| | | | Typhoon™, ECO, V-Style | | | |
| | | | Typhoon™, SLIM, V-Style | | | |
| | | | Typhoon™, PLUS, V-Style | | | |
| 1 | 8586946 | | GUIDE,SCRAPER,TYPH E,V | 1 | - | - |
| | 8586590 | | GUIDE,SCRAPER,TYPH S,V | - | 1 | - |
| | 8586658 | | GUIDE,SCRAPER,TYPH +,V | - | - | 1 |
| | 8586787 | | WING,DX,SCRAPER,V,E,2.0 | 1 | - | - |
| | 8586660 | | WING,DX,SCRAPER,V,E,2.5 | or 1 | - | - |
| | 8586661 | | WING,DX,SCRAPER,V,E,3.0 | or 1 | - | - |
| | 8586662 | | WING,DX,SCRAPER,V,E,3.5 | or 1 | - | - |
| | 8586663 | | WING,DX,SCRAPER,V,E,4.0 | or 1 | - | - |
| | 8586664 | | WING,DX,SCRAPER,V,E,4.5 | or 1 | - | - |
| | 8586665 | | WING,DX,SCRAPER,V,E,5.0 | or 1 | - | - |
| | 8586693 | | WING,DX,SCRAPER,V,S,2.0 | - | 1 | - |
| | 8586694 | | WING,DX,SCRAPER,V,S,2.5 | - | or 1 | - |
| | 8586695 | | WING,DX,SCRAPER,V,S,3.0 | - | or 1 | - |
| 2 | 8586696 | | WING,DX,SCRAPER,V,S,3.5 | - | or 1 | - |
| | 8586697 | | WING,DX,SCRAPER,V,S,4.0 | - | or 1 | - |
| | 8586698 | | WING,DX,SCRAPER,V,S,4.5 | - | or 1 | - |
| | 8586699 | | WING,DX,SCRAPER,V,S,5.0 | - | or 1 | - |
| | 8586713 | | WING,DX,SCRAPER,V,+,2.0 | - | - | 1 |
| | 8586714 | | WING,DX,SCRAPER,V,+,2.5 | - | - | or 1 |
| | 8586715 | | WING,DX,SCRAPER,V,+,3.0 | - | - | or 1 |
| | 8586716 | | WING,DX,SCRAPER,V,+,3.5 | - | - | or 1 |
| | 8586717 | | WING,DX,SCRAPER,V,+,4.0 | - | - | or 1 |
| | 8586718 | | WING,DX,SCRAPER,V,+,4.5 | - | - | or 1 |
| | 8586719 | | WING,DX,SCRAPER,V,+,5.0 | - | - | or 1 |
| | 8586789 | | WING,SX,SCRAPER,V,E,2.0 | 1 | - | - |
| | 8586666 | | WING,SX,SCRAPER,V,E,2.5 | or 1 | - | - |
| | 8586667 | | WING,SX,SCRAPER,V,E,3.0 | or 1 | - | - |
| | 8586668 | | WING,SX,SCRAPER,V,E,3.5 | or 1 | - | - |
| | 8586669 | | WING,SX,SCRAPER,V,E,4.0 | or 1 | - | - |
| | 8586670 | | WING,SX,SCRAPER,V,E,4.5 | or 1 | - | - |
| | 8586671 | | WING,SX,SCRAPER,V,E,5.0 | or 1 | - | - |
| | 8586700 | | WING,SX,SCRAPER,V,S,2.0 | - | 1 | - |
| | 8586701 | | WING,SX,SCRAPER,V,S,2.5 | - | or 1 | - |
| | 8586702 | | WING,SX,SCRAPER,V,S,3.0 | - | or 1 | - |
| 3 | 8586703 | | WING,SX,SCRAPER,V,S,3.5 | - | or 1 | - |
| | 8586704 | | WING,SX,SCRAPER,V,S,4.0 | - | or 1 | - |
| | 8586705 | | WING,SX,SCRAPER,V,S,4.5 | - | or 1 | - |
| | 8586706 | | WING,SX,SCRAPER,V,S,5.0 | - | or 1 | - |
| | 8586720 | | WING,SX,SCRAPER,V,+,2.0 | - | - | 1 |
| | 8586721 | | WING,SX,SCRAPER,V,+,2.5 | - | - | or 1 |
| | 8586722 | | WING,SX,SCRAPER,V,+,3.0 | - | - | or 1 |
| | 8586723 | | WING,SX,SCRAPER,V,+,3.5 | - | - | or 1 |
| | 8586724 | | WING,SX,SCRAPER,V,+,4.0 | - | - | or 1 |
| | 8586725 | | WING,SX,SCRAPER,V,+,4.5 | - | - | or 1 |
| | 8586726 | | WING,SX,SCRAPER,V,+,5.0 | - | - | or 1 |
| 4 | 8586751 | | SHAFT,FRAME,SCRAPER,TYPH + | | | 2 |
| | 8586623 | | SHAFT,FRAME,SCRAPER,TYPH S | | | 2 |
| | 8586672 | ⊗ | SHAFT,FRAME,SCRAPER,TYPH E | 2 | | |
| 5 | 8586708 | | ROLLER ASSY,SCRAPER,V E S | 2 | 2 | - |
| | 8586752 | | ROLLER ASSY,SCRAPER,V,PLUS | - | - | 2 |
| 6 | 8586856 | | EXTENSION,LH,SCRAPER,V,+ | - | - | 1 |
| 7 | 8586860 | | EXTENSION,RH,SCRAPER,V,+ | - | - | 1 |

Typhoon™ Straight

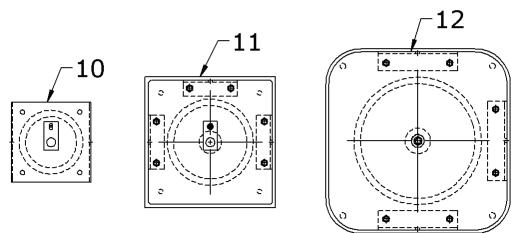
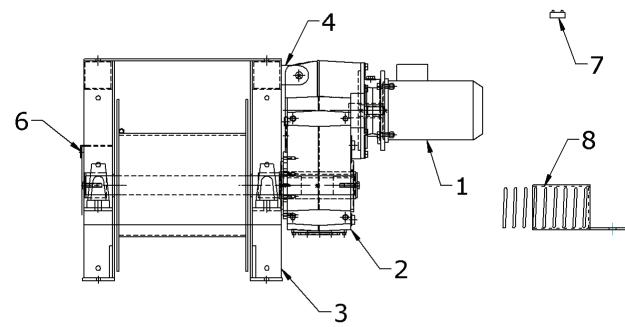
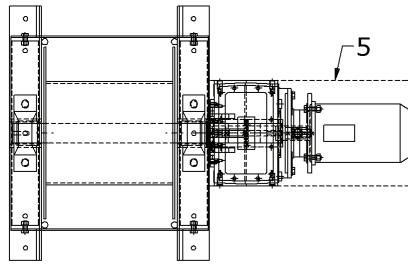


Typhoon™ Straight Cont.

| | |
|---------------------|------------------|
| SECTION K | PAGE 5 |
| EFFECTIVE: 11/6/12 | |

| ITEM | PART NO. | ⊗=Obsolete n/s=Not Shown | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | |
|------|----------|-----------------------------|------------------------------|-----------------------------------|-------|------|--------|
| | | | | ECO | ECO-F | SLIM | SLIM-R |
| | | | Typhoon™, ECO, Straight | | | | |
| | | | Typhoon™, ECO-F, Straight | | | | |
| | | | Typhoon™, SLIM, Straight | | | | |
| | | | Typhoon™, SLIM-R, Straight | | | | |
| 1 | 8586942 | | GUIDE,SCRAPER,TYPH E,STR | 1 | - | - | - |
| | 8586659 | | GUIDE,SCRAPER,TYPH E,STR,FLR | - | 1 | - | - |
| | 8586589 | | GUIDE,SCRAPER,TYPH S,STR | - | - | 1 | 1 |
| 2 | 8586625 | | FRAME,SCRAPER,TYPH E,STR,2.0 | 1 | 1 | - | - |
| | 8586632 | | FRAME,SCRAPER,TYPH E,STR,2.5 | or 1 | or 1 | - | - |
| | 8586633 | | FRAME,SCRAPER,TYPH E,STR,3.0 | or 1 | or 1 | - | - |
| | 8586634 | | FRAME,SCRAPER,TYPH E,STR,3.5 | or 1 | or 1 | - | - |
| | 8586635 | | FRAME,SCRAPER,TYPH E,STR,4.0 | or 1 | or 1 | - | - |
| | 8586636 | | FRAME,SCRAPER,TYPH E,STR,4.5 | or 1 | or 1 | - | - |
| | 8586637 | | FRAME,SCRAPER,TYPH E,STR,5.0 | or 1 | or 1 | - | - |
| | 8586738 | | FRAME,SCRAPER,TYPH S,STR,2.0 | - | - | 1 | 1 |
| | 8586739 | | FRAME,SCRAPER,TYPH S,STR,2.5 | - | - | or 1 | or 1 |
| | 8586740 | | FRAME,SCRAPER,TYPH S,STR,3.0 | - | - | or 1 | or 1 |
| | 8586741 | | FRAME,SCRAPER,TYPH S,STR,3.5 | - | - | or 1 | or 1 |
| | 8586742 | | FRAME,SCRAPER,TYPH S,STR,4.0 | - | - | or 1 | or 1 |
| | 8586743 | | FRAME,SCRAPER,TYPH S,STR,4.5 | - | - | or 1 | or 1 |
| | 8586744 | | FRAME,SCRAPER,TYPH S,STR,5.0 | - | - | or 1 | or 1 |
| 3 | 8586627 | | ARM,DX,SCRAPER,E | 1 | 1 | - | - |
| | 8586609 | | ARM,DX,SCRAPER,S | - | - | 1 | 1 |
| 4 | 8586628 | | ARM,SX,SCRAPER,E | 1 | 1 | - | - |
| | 8586610 | | ARM,SX,SCRAPER,S | - | - | 1 | 1 |
| 5 | 8586638 | | BLADE ASSY,SCRAPER,E,2.0 | 2 | 2 | - | - |
| | 8586639 | | BLADE ASSY,SCRAPER,E,2.5 | or 2 | or 2 | - | - |
| | 8586640 | | BLADE ASSY,SCRAPER,E,3.0 | or 2 | or 2 | - | - |
| | 8586641 | | BLADE ASSY,SCRAPER,E,3.5 | or 2 | or 2 | - | - |
| | 8586642 | | BLADE ASSY,SCRAPER,E,4.0 | or 2 | or 2 | - | - |
| | 8586643 | | BLADE ASSY,SCRAPER,E,4.5 | or 2 | or 2 | - | - |
| | 8586644 | | BLADE ASSY,SCRAPER,E,5.0 | or 2 | or 2 | - | - |
| | 8586687 | | BLADE ASSY,SCRAPER,S,2.0 | - | - | 2 | - |
| | 8586688 | | BLADE ASSY,SCRAPER,S,2.5 | - | - | or 2 | - |
| | 8586606 | | BLADE ASSY,SCRAPER,S,3.0 | - | - | or 2 | - |
| | 8586689 | | BLADE ASSY,SCRAPER,S,3.5 | - | - | or 2 | - |
| | 8586690 | | BLADE ASSY,SCRAPER,S,4.0 | - | - | or 2 | - |
| | 8586691 | | BLADE ASSY,SCRAPER,S,4.5 | - | - | or 2 | - |
| | 8586692 | | BLADE ASSY,SCRAPER,S,5.0 | - | - | or 2 | - |
| | 8586790 | | BLADE ASSY,SCRAPER,S,RB,2.0 | - | - | - | 1 |
| | 8586791 | | BLADE ASSY,SCRAPER,S,RB,2.5 | - | - | - | or 1 |
| | 8586760 | | BLADE ASSY,SCRAPER,S,RB,3.0 | - | - | - | or 1 |
| | 8586792 | | BLADE ASSY,SCRAPER,S,RB,3.5 | - | - | - | or 1 |
| | 8586793 | | BLADE ASSY,SCRAPER,S,RB,4.0 | - | - | - | or 1 |
| | 8586794 | | BLADE ASSY,SCRAPER,S,RB,4.5 | - | - | - | or 1 |
| | 8586795 | | BLADE ASSY,SCRAPER,S,RB,5.0 | - | - | - | or 1 |
| 6 | 8586629 | | BRACKET,DX,SCRAPER,E | 1 | 1 | - | - |
| | 8586607 | | BRACKET,DX,SCRAPER,S | - | - | 1 | 1 |
| 7 | 8586630 | | BRACKET,SX,SCRAPER,E | 1 | 1 | - | - |
| | 8586608 | | BRACKET,SX,SCRAPER,S | - | - | 1 | 1 |
| 8 | 8586774 | | ROLLER,SCRAPER | - | 1 | - | - |

Typhoon™ Drive - Cable

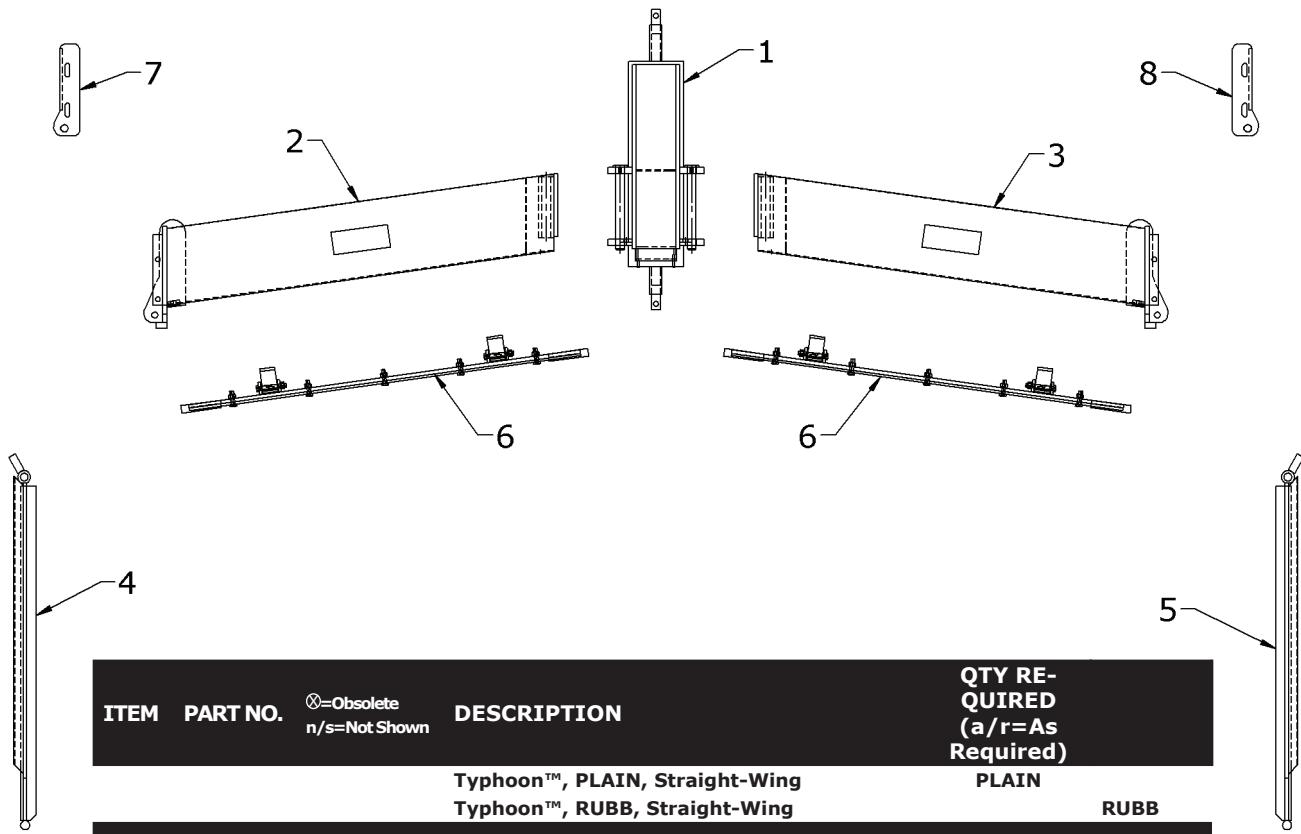


Typhoon™ Drive - Cable (Cont.)

SECTION PAGE
K 7
EFFECTIVE: 11/6/12

| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) | | | | | | | | | |
|------|----------|----------------------------------|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | QTY | | QTY | | QTY | | QTY | | QTY | |
| | 8586901 | DRIVE,CABLE,E,0.75 KW | ECO | | | | | | | | | |
| | 8586900 | DRIVE,CABLE,E,0.75 KW,ENCODER | ECO | | | | | | | | | |
| | 8586976 | DRIVE,CABLE,E,0.75 KW,LOW | ECO | | | | | | | | | |
| | 8586991 | DRIVE,CABLE,E,1.1 KW,ENCODER | ECO | | | | | | | | | |
| | 8586798 | DRIVE,CABLE,S,0.75 KW | SLIM | | | | | | | | | |
| | 8586802 | DRIVE,CABLE,S,0.75 KW,ENCODER | SLIM | | | | | | | | | |
| | 8586990 | DRIVE,CABLE,S,1.1 KW | SLIM | | | | | | | | | |
| | 8586563 | DRIVE,CABLE,1.1 KW | PLUS | | | | | | | | | |
| | 8586564 | DRIVE,CABLE,1.5 KW | PLUS | | | | | | | | | |
| | 8586568 | DRIVE,CABLE,P,1.1 KW,ENCODER | PLUS | | | | | | | | | |
| | 8586569 | DRIVE,CABLE,P,1.5 KW,ENCODER | PLUS | | | | | | | | | |
| 1 | 8586895 | MOTOR,1.1KW,1400RPM,Ø24,NO FAN | - | - | - | 1 | - | - | - | - | 1 | - |
| | 8586896 | MOTOR,1.5KW,1400RPM,Ø24,NO FAN | - | - | - | - | - | - | - | - | - | 1 |
| | 8586877 | MOTOR,.75KW,1400RPM,Ø19,NO FAN | - | 1 | - | - | - | 1 | - | - | - | - |
| | 8586818 | MOTOR,1.1KW,1400RPM,Ø24 | - | - | - | - | - | - | 1 | 1 | - | - |
| | 8586817 | MOTOR,1.5KW,1400RPM,Ø24 | - | - | - | - | - | - | - | 1 | - | - |
| | 8586815 | MOTOR,.75KW,1400RPM,Ø19 | 1 | - | 1 | - | 1 | - | - | - | - | - |
| 2 | 8586897 | GEARBOX,FEEDER CABLE ASSY,ECO | 1 | 1 | - | 1 | - | - | - | - | - | - |
| | 8586978 | GEARBOX,FEEDER CABLE ASSY,ECO LO | - | - | 1 | - | - | - | - | - | - | - |
| | 8586805 | GEARBOX,FEEDER CABLE ASSY,SLIM | - | - | - | - | 1 | 1 | 1 | - | - | - |
| | 8586591 | GEARBOX,FEEDER CABLE ASSY,PLUS | - | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 3 | 8586898 | FRAME,FEEDER CABLE ASSY,ECO | 1 | 1 | - | 1 | - | - | - | - | - | - |
| | 8586979 | FRAME,FEEDER CABLE ASSY,ECO LO | - | - | 1 | - | - | - | - | - | - | - |
| | 8586804 | FRAME,FEEDER CABLE ASSY,SLIM | - | - | - | - | 1 | 1 | 1 | - | - | - |
| | 8586596 | FRAME,FEEDER CABLE ASSY,PLUS | - | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 4 | 8586916 | BRACKET,MOUNTING,ECO | 1 | 1 | - | 1 | - | - | - | - | - | - |
| | 8586980 | BRACKET,MOUNTING,ECO LO | - | - | 1 | - | - | - | - | - | - | - |
| | 8586598 | BRACKET,MOUNTING,PLUS/SLIM | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 |
| 5 | 8586899 | COVER,FEEDER CABLE ASSY,ECO | 1 | 1 | - | 1 | - | - | - | - | - | - |
| | 8586981 | COVER,FEEDER CABLE ASSY,ECO LO | - | - | 1 | - | - | - | - | - | - | - |
| | 8586870 | COVER,FEEDER CABLE ASSY,SLIM | - | - | - | - | 1 | 1 | 1 | - | - | - |
| | 8586871 | COVER,FEEDER CABLE ASSY,PLUS | - | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 6 | 8586969 | COVER,BEARING,ECO | 1 | 1 | - | 1 | - | - | - | - | - | - |
| | 8586963 | COVER,BEARING,SLIM | - | - | - | - | 1 | 1 | 1 | - | - | - |
| | 8586968 | COVER,BEARING,PLUS | - | - | - | - | - | - | 1 | 1 | 1 | 1 |
| 7 | 8586872 | MOUNTING SYSTEM,ROPE TOW | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 8 | 8586973 | SUPPORT,CABLE,W/SPRING | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 9 | 8586570 | CABLE,SS,12MM (n/s) | - | - | - | - | - | - | - | a/r | a/r | a/r |
| | 8586917 | CABLE,SS,10MM (n/s) | - | - | - | - | a/r | a/r | a/r | - | - | - |
| | 8586918 | CABLE,SS,8MM (n/s) | a/r | a/r | a/r | a/r | - | - | - | - | - | - |
| | 8586920 | CORD,BLUE,12MM (n/s) | a/r | a/r | a/r | a/r | - | - | - | - | - | - |
| 10 | 8586565 | PULLEY ASSY,PLUS,400MM CABLE | - | - | - | - | - | - | - | 565 | 565 | 565 |
| 11 | 8586803 | PULLEY ASSY,S,270MM CABLE | - | - | - | - | 803 | 803 | 803 | - | - | - |
| 12 | 8586905 | PULLEY ASSY,E,270MM CABLE | 905 | 905 | 905 | 905 | - | - | - | - | - | - |

Typhoon™ Straight-Wing



| ITEM | PART NO. | DESCRIPTION | QTY REQUIRED (a/r=As Required) |
|------|-----------|--------------------------------|-----------------------------------|
| | | | PLAIN RUBB |
| 1 | 8586656 | GUIDE,SCRAPER,TYPH +,STR,SML | 1 1 |
| | 8586657 * | GUIDE,SCRAPER,TYPH +,STR,LRG | or 1 or 1 |
| 2 | 8586762 | WING,DX,SCRAPER,PLUS,2.5 | 1 1 |
| | 8586763 | WING,DX,SCRAPER,PLUS,3.0 | or 1 or 1 |
| 2 | 8586764 | WING,DX,SCRAPER,PLUS,3.5 | or 1 or 1 |
| | 8586765 | WING,DX,SCRAPER,PLUS,4.0 | or 1 or 1 |
| | 8586766 | WING,DX,SCRAPER,PLUS,4.5 | or 1 or 1 |
| | 8586761 | WING,DX,SCRAPER,PLUS,5.0 | or 1 or 1 |
| | 8586768 | WING,SX,SCRAPER,PLUS,2.5 | 1 1 |
| | 8586769 | WING,SX,SCRAPER,PLUS,3.0 | or 1 or 1 |
| | 8586770 | WING,SX,SCRAPER,PLUS,3.5 | or 1 or 1 |
| 3 | 8586771 | WING,SX,SCRAPER,PLUS,4.0 | or 1 or 1 |
| | 8586772 | WING,SX,SCRAPER,PLUS,4.5 | or 1 or 1 |
| | 8586767 | WING,SX,SCRAPER,PLUS,5.0 | or 1 or 1 |
| 4 | 8586779 | ARM,DX,SCRAPER,D PLUS | 1 1 |
| 5 | 8586780 | ARM,SX,SCRAPER,D PLUS | 1 1 |
| | 8586747 | BLADE ASSY,SCRAPER,PLUS,2.5 | 1 - |
| | 8586748 | BLADE ASSY,SCRAPER,PLUS,3.0 | or 1 - |
| | 8586749 | BLADE ASSY,SCRAPER,PLUS,3.5 | or 1 - |
| | 8586750 | BLADE ASSY,SCRAPER,PLUS,4.0 | or 1 - |
| | 8586746 | BLADE ASSY,SCRAPER,PLUS,4.5 | or 1 - |
| 6 | 8586755 | BLADE ASSY,SCRAPER,PLUS,5.0 | or 1 - |
| | 8586830 | BLADE ASSY,SCRAPER,PLUS,RB,2.5 | - 1 |
| | 8586833 | BLADE ASSY,SCRAPER,PLUS,RB,3.0 | - or 1 |
| | 8586834 | BLADE ASSY,SCRAPER,PLUS,RB,3.5 | - or 1 |
| | 8586836 | BLADE ASSY,SCRAPER,PLUS,RB,4.0 | - or 1 |
| | 8586838 | BLADE ASSY,SCRAPER,PLUS,RB,4.5 | - or 1 |
| | 8586840 | BLADE ASSY,SCRAPER,PLUS,RB,5.0 | - or 1 |
| 7 | 8586777 | BRACKET,DX,SCRAPER,PLUS | 1 1 |
| 8 | 8586778 | BRACKET,SX,SCRAPER,PLUS | 1 1 |

* Larger guide used on 5 meter models



Milking Solutions



CATÁLOGO Piezas de Recambio



Piezas de recambio de alta calidad para las máquinas de ordeño Gascoigne Melotte

June 2011 (ver1.62)



Condiciones de pago y entrega

No hay volumen de pedido establecido para hacer un pedido. En el Oeste de Europa los pedidos que excedan los 500 €, el porte es gratuito.

A los pedidos inferiores a esta suma se les aplicarán el porte correspondiente, a un precio moderado.

Todos los pedidos de menos de 2kg son gratuitos, cualquiera que sea su destino.

Pedidos pesados y voluminosos puede suponer costes adicionales. Gracias por contactar con nosotros para una cita.

Las devoluciones de piezas deben ser acompañadas de una copia de la factura de origen así como de un explicativo e dicha devolución

Cualquier reclamación debe ser notificada por escrito en un plazo de 7 días tras la recepción del pedido para reclamaciones por piezas defectuosas o errores de entrega.

Todas las piezas devueltas sin razón serán facturadas (15% de su precio original).

A menos un acuerdo por escrito, el pago deberá efectuarse el día 14 de cada mes siguiente a la fecha de la factura.



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Clusters & Liners



Faisceaux Trayeurs



Melkeinheiten & Zitzengummis



Melkstellen & Tepelvoeringen



Unidad de ordeño y Pezoneras

Cluster Configurations (Call for further details):

1. Valve or non-valve
2. Alternate (twin D255744MS) or simultaneous (single D255745MS) air sections
3. A choice of 11 MS liners. See following pages.
4. A choice of 4 shells; 200g or 280g & parallel or flared. See following pages.
5. Large (11mm) or standard (8.4mm) bore nozzles. Only chamfered version available.
6. Orange or grey jetter, air tube & bracket

Configuration de faisceau (Appeler pour plus de détails):

1. Valve ou sans valve
2. Pulsion alternée (jumelée D255744MS) ou simultanée (simple D255745MS)
3. Un choix de 11 manchons trayeur MS.
4. Un choix de 4 gobelets; 200g ou 280g & parallèle ou évasé.
5. Orifice large (11mm) ou standard (8.4 mm). Version disponible seulement chanfreinée.
6. Plateau de lavage jetter orange ou gris, tuyau à air et support.

Melkienheiten-Konfigurationen (Anruf für weitere Details):

1. Mit Ventil oder ohne Ventil
2. Pulsation alterniert (Doppel D255744MS) oder simultaan (einfach D255745MS)
3. Eine Auswahl von 11 Zitzengummis MS.
4. Eine Auswahl von 4 Zitzenbechergehäuse; 200g oder 280g & parallel oder abgefackelt.
5. Groß (11mm) oder Standard (8.4 mm) Bohrung Düsen. Nur abgeschrägten version erhältlich.
6. Orange oder Grau spülaufnahme, luftschlauch & halter

Melkstellenconfiguraties (Bel voor nadere bijzonderheden):

1. Met ventiel of geen ventiel
2. Pulsatie alternatief (doppel D255744MS) of simultaan (eenvoudig D255745MS)
3. Een keuze van 11 MS tepelvoeringen.
4. Een keuze van 4 bekertjes; 200g of 280g & parallel of uitgetrekt.
5. Breed (11mm) of standard (8.4 mm) Mond. Alleen afgeschuindt disponibel
6. Oranje of grijs etterstel wegklapbaar, pulsatieslang & steun

Configuraciones de unidad de ordeño (Llame para más detalles):

1. Válvula o sin válvula
2. Pulsación alternante (pares D255744MS) o simultánea (solo D255745MS)
3. Una selección de 11 pezoneras MS
4. Una selección de 4 cubiletes, 200g y 280g o paralelo o quemado
5. Orifice grande (11mm) o estándar (8,4 mm). Biselados sólo la versión disponible.
6. Plato de lavado jetter de color naranja o gris, tubo de aire y soporte



Milking Solutions Parts Catalogue

Sección A1

Unidad de ordeño & Pezoneras para Vaca

| Image | Description | Code |
|-------|--|--|
| | <p>MS Equipo de ordeño - ejemplo gris - consultar la guía MS Cluster - Grey Example - refer to guide</p> <p>MS Faisceau - Exemple gris - se reporter au guide MS Melkeinheit - Grau Beispiel - siehe Leitfaden</p> | MS Part Number: GREY |
| | <p>MS Equipo de ordeño - Ejemplo Naranja - consultar la guía MS Cluster - Orange Example - refer to guide</p> <p>MS Faisceau - Exemple orange - se reporter au guide MS Melkcheinheit - Orange Beispiel - siehe Leitfaden</p> | Correlates: ORANGE |
| | <p>MS Paquete pezoneras para D381416 x 4 (4) MS Pack Liner for D381416 x 4 (4)</p> <p>MS Sachet manchons pour D381416 x 4 (4) MS Zitzengummis für D381416 x 4 (4)</p> | MS Part Number: 607953 |
| | <p>MS Paquete pezoneras para D381922 x 4 (4) MS Pack Liner for D381922 x 4 (4)</p> <p>MS Sachet 4 manchons pour D381922 x 4 MS Sack Zitzengummis für D381922 x 4 (4)</p> | MS Part Number: 607989 |
| | <p>MS Paquete pezoneras para D381926 x 4 (4) MS Pack Liner for D381926 x 4 (4)</p> <p>MS Sachet manchons pour D381926 x 4 (4) MS Zitzengummis für D381926 x 4 (4)</p> | Correlates: 607990 D381926X4MS |
| | <p>MS Paquete pezoneras para Isoliner 1010 (4) MS Pack Liner for Isoliner 1010 (4)</p> <p>MS Manchons pour Isoliner 1010 (4) MS Zitzengummis für Isoliner 1010 (4)</p> | MS Part Number: 607992 |
| | <p>MS Paquete pezoneras para D381985 x 4 (D381416 Mod) (4) MS Pack Liner for D381985 x 4 (D381416 Mod) (4)</p> <p>MS Sachet de 4 Manchons pour D381985 x 4 (D381416 Mod) MS Zitzengummis für D381985 x 4 (D381416 Mod) (4)</p> | Correlates: 607999 D381985X4MS |
| | <p>MS Paquete pezoneras para D381986 x 4 (4) MS Pack Liner for D381986 x 4 (4)</p> <p>MS Sachet de 4 manchons pour D381986 x 4 (4) MS Zitzengummis für D381986 x 4 (4)</p> | MS Part Number: 608002 |
| | <p>MS Paquete pezoneras para Mk2 (4) MS Pack Liner for Mk2 (4)</p> <p>MS Sachet de 4 manchons pour Mk2 (4) MS Zitzengummis für Mk2 (4)</p> | Correlates: 608006 D381988X4MS |



Milking Solutions Parts Catalogue

Sección A1

Unidad de ordeño & Pezoneras para Vaca

| Image | Description | Code |
|-------|---|---|
| | <p>MS Paquete pezoneras para Mk5 (4)</p> <p>MS Pack Liner for Mk5 (4)</p> <p>MS Sachet manchons pour Mk5 (4)</p> <p>MS Sack Zitzengummis für Mk5 (4)</p> | MS Part Number: 608008 Correlates: D381989X4MS |
| | <p>MS Paquetepezoneras para D381991 x 4 (4)</p> <p>MS Pack Liner for D381991 x 4 (4)</p> <p>MS Sachet 4 manchons pour D381991 x 4 (4)</p> <p>MS Zitzengummis für D381991 x 4 (4)</p> | MS Part Number: 608010 Correlates: D381991X4MS |
| | <p>MS Paquete pezoneras (copa recta 995) 995 MS95 (4)</p> <p>MS Pack Liner (995 Str Shell) MS95 (4)</p> <p>MS Sachet manchons MS95 (4)</p> <p>MS Zitzengummis MS95 (4)</p> | MS Part Number: 608012 Correlates: D381995X4MS |
| | <p>MS Pezoneras 19mm tipo "Forty" (1)</p> <p>MS Liner Forty Type 19mm Long Life (1)</p> <p>MS Manchon 19mm Type "Forty" (M) (1)</p> <p>MS Zitzengummi 19mm "Forty" Typ (M) (1)</p> | MS Part Number: 608730 Correlates: G067516MS |
| | <p>MS Paquete pezoneras para 720 MK3H Flexhead (4)</p> <p>MS Pack Liner for 720 MK3H Flexhead (4)</p> <p>MS Sachet manchons pour 720 MK3H (4)</p> <p>MS Sack Zitzengummi für 720 MK3H (4)</p> | MS Part Number: 608776 Correlates: H278720X4MS |
| | <p>MS Paquete pezoneras 295 (4) Económico</p> <p>MS Pack Liner 295(4) Budget</p> <p>MS 295 sachet manchons (4) Budget</p> <p>MS 295 Sack Zitzengummis (4) Budget</p> | MS Part Number: 607947 Correlates: D381295X4B |
| | <p>MS Paquete pezoneras para Isoliner 1030 (4) económico</p> <p>MS Pack Liner for Isoliner 1030 (4) Budget</p> <p>MS Sachet manchons pour Isoliner 1030 (4) Budget</p> <p>MS Sack Zitzengummi für Isoliner 1030 (4) Budget</p> | MS Part Number: 607994 Correlates: D381975X4B |
| | <p>MS Paquete pezoneras para Mk5 (4) económico</p> <p>MS Pack Liner for Mk5 (4) Budget</p> <p>MS Sachet manchons pour Mk5 (4) Budget</p> <p>MS Sack Zitzengummi für Mk5 (4) Budget</p> | MS Part Number: 607996 Correlates: D381981X4B |
| | <p>Paquete pezoneras 987 B (4) económico</p> <p>B Pack Liner 987 (4) Budget</p> <p>987 sachet manchons (4) Budget</p> <p>987 Sack Zitzengummi (4) Budget</p> | MS Part Number: 608003 Correlates: D381987X4B |



Milking Solutions Parts Catalogue

Sección A1

Unidad de ordeño & Pezoneras para Vaca

| Image | Description | Code |
|-------|---|-----------------------------------|
| | ■ MS Paquete copas 280g quemado (4) ■ MS Pack Shell for 280g Flared (4) | MS Part Number: 608175 |
| | ■ MS Sachet de 4 Gobelets pour 280g Evasé (4) ■ MS Schachtel Zitzenbecher für 280gr Geschweift (4) | Correlates: D428027X4MS |
| | ■ MS Paquete copas 200g recto (4) ■ MS Pack Shell for 200g Parallel (4) | MS Part Number: 608176 |
| | ■ MS Sachet de 4 Gobelets pour 200g Droit (4) ■ MS Schachtel Zitzenbecher für 200gr Recht (4) | Correlates: D428028X4MS |
| | ■ MS Paquete copas 200g quemado (4) ■ MS Pack Shell for 200g Flared (4) | MS Part Number: 608177 |
| | ■ MS Sachet de 4 Gobelets pour 200g Evasé (4) ■ MS Schachtel Zitzenbecher für 200gr Geschweift (4) | Correlates: D428030X4MS |
| | ■ MS Paquete de copas 280g recto (4) ■ MS Pack Shell for 280g Parallel (4) | MS Part Number: 608178 |
| | ■ MS Sachet de 4 Gobelets pour 280g Droit (4) ■ MS Schachtel Zitzenbecher für 280gr Recht (4) | Correlates: D428039X4MS |



Milking Solutions Parts Catalogue

Sección A2
Accesorios Colector

| Image | Description | Code |
|-------|---|---|
| | ■ MS Colector para 400F alterno orificio largo bisel ■ MS Clawpiece for 400F Alt Large Bore Chamfered ■ MS Griff pour 400F Alterné ■ MS Sammelstück für 400F Wechseltakt | MS Part Number: 608224 Correlates: D492190MS |
| | ■ MS Colector para 400F simultáneo bisel ■ MS Clawpiece for 400F Sim Chamfered ■ MS Griff pour 400F simultané ■ MS Sammelstück für 400F Sim. | MS Part Number: 608225 Correlates: D492191MS |
| | ■ MS Colector para 400FB alterno bisel ■ MS Clawpiece for 400 FB Alt Chamfered ■ MS Griff pour 400FB Alterné ■ MS Sammelstück für 400FB Wechseltakt | MS Part Number: 608230 Correlates: D492211MS |
| | ■ MS Colector para 400FB simultáneo bisel ■ MS Clawpiece for 400 FB Sim Chamfered ■ MS Griff pour 400FB simultané ■ MS Sammelstück für 400FB Sim. | MS Part Number: 608231 Correlates: D492212MS |
| | ■ MS Colector para 400S alterno bisel ■ MS Clawpiece for 400 S Alt Chamfered ■ MS Griff pour 400 S alterné ■ MS Sammelstück für 400 S Alt. grosse Öffnung | MS Part Number: 608233 Correlates: D492223MS |
| | ■ MS Colector Isolac 400S simultáneo bisel ■ MS Clawpiece for 400 S Sim Chamfered ■ MS Griff pour 400 S Simultané ■ MS Sammelstück für 400 S grosse Öffnung | MS Part Number: 608235 Correlates: D492224MS |
| | ■ MS Colector para 400SB alterno bisel ■ MS Clawpiece for 400 SB Alt Chamfered ■ MS Griff pour 400 SB Alterné ■ MS Sammelstück für 400 SB alt standard Öffnung | MS Part Number: 608236 Correlates: D492225MS |
| | ■ MS Colector para 400SB simultáneo bisel ■ MS Clawpiece for 400 SB Sim Chamfered ■ MS Griff pour 400SB simultané ■ MS Sammelstück für 400 SB sim. Standard Öffnung | MS Part Number: 608237 Correlates: D492226MS |
| | ■ MS Tapa + boquilla 11 bisel ■ MS Cover + Nozzles 11 Chamfered ■ MS Couvercle Nipples 11mm ■ MS Deckel mit Nippeln grosse öffnung 11mm | MS Part Number: 608232 Correlates: D492218MS |



Milking Solutions Parts Catalogue

Sección A2
Accesorios Colector

| Image | Description | Code |
|-------|--|---|
| | ■ MSCubierta + boquilla para Isolac 400Sb 8.4mm bisel ■ MS Cover + Nozzles for Isolac 400 SB 8.4mm Chamfered ■ MS Couvercle nipples pour Isolac 400Sb 8.4mm ■ MS Deckel mit Nippeln standard Öffnung für Isolac 400Sb 8.4mm | MS Part Number: 608247 Correlates: D492234MS |
| | ■ MS Base de montaje para Isolac 400S ■ MS Base for Isolac 400S Long Collar ■ MS Base d'échappement pour Isolac 400S ■ MS Boden Milchauslaß für Isolac 400S | MS Part Number: 608181 Correlates: D429190MS |
| | ■ MS Repartidor complete alterno para Isolac ■ MS Pack Air Section Alternate for Isolac (Twin) ■ MS Kit relais Alterné pour Isolac (D) ■ MS Luftverteiler kpl. alt. für Isolac (D) | MS Part Number: 607844 Correlates: D255744MS |
| | ■ MS Repartidor complete simultáneo para Isolac ■ MS Pack Air Section Simultaneous for Isolac ■ MS Kit relais simultané pour Isolac (D) ■ MS Einheit Verteiler Sim. für Isolac (D) | MS Part Number: 607845 Correlates: D255745MS |
| | ■ MS Junta repartidor para Isolac ■ MS Gasket Air Section for Isolac White ■ MS Joint de répartiteur pour Isolac blanc (D) ■ MS Dichtung Verteiler für Isolac Weiß (D) | MS Part Number: 608169 Correlates: D391545MS |
| | ■ MS Tornillo inox 3.5mm x 22 AB para D255744MS/D255745MS ■ MS Screw Csk Pozi 3.5mm x 22 AB S/S for D255744MS/D255745MS ■ MS Vis Inox 3.5mm x 22 AB pour D255744MS/D255745MS (M) ■ MS Schraube Rostfrei 3.5mm x 22 AB für D255744MS/D255745MS (M) | MS Part Number: 607616 Correlates: D202728MS |
| | ■ MS Tornillo inox 3.9AB x 22 AB para D255744MS/D255745MS ■ MS Screw Csk Pozi 3.9mm x 22 AB S/S for D255744MS/D255745MS ■ MS Vis Inox 3.9AB x 22 AB pour D255744MS/D255745MS ■ MS Schraube Rostfrei 3.9AB x 22 für D255744MS/D255745MS | MS Part Number: 607615 Correlates: D202724MS |
| | ■ MS Junta de base de repartidor para D255695/D255696 ■ MS Seal Air Section Base for D255695/D255696 ■ MS Joint de base de répartiteur pour D255695/D255696 ■ MS Dichtung für Verteiler für D255695/D255696 | MS Part Number: 608036 Correlates: D382744MS |
| | ■ MS Junta superior repartidor ■ MS Seal Air Section Top ■ MS Joint Supérieur Répartiteur ■ MS Obere Dichtung für alt. Verteiler | MS Part Number: 608038 Correlates: D382746MS |



Milking Solutions Parts Catalogue

Sección A2
Accesorios Colector

| Image | Description | Code |
|-------|---|----------------------------------|
| | ■ MS Cuerpo transparente para 400ml Colector (F + FB) ■ MS Bowl Moulding for 400ml C/Pce (F + FB) ■ MS Corps transparent pour 400ml Griffe (F + FB) ■ MS Boden für 400ml Klaue (F + FB) | MS Part Number: 608085 |
| | ■ MS Cuerpo trasparente para 400ml Isolac (F + SB) ■ MS Bowl Moulding for 400ml C/Pce Sight Glass (S + SB) ■ MS Corps transparent pour 400ml Isolac (S + SB) ■ MS Durchsichtige Schale für 400ml Isolac (S + SB) | MS Part Number: 608086 |
| | ■ MS Junta sup/inf para Isolac 400 agujero ■ MS Seal Cap for Isolac 400 C/Pce Mousehole ■ MS Joint en caoutchouc pour Isolac 400 ■ MS Dichtung Gummi für Isolac 400 | MS Part Number: 608033 |
| | ■ MS Junta de eje = D382742X para Isolac 400 S ■ MS Seal Centre for Isolac 400 S C/Pce ■ MS Joint central griffe pour Isolac 400 S ■ MS Zentrale Dichtung für Isolac 400 S Klaue | MS Part Number: 608034 |
| | ■ MS Eje inox largo y media esfera para Isolac 400F ■ MS Seal Shut Off for Isolac 400F C/Pce ■ MS Clapet Griffe pour Isolac 400F ■ MS Klappe für Isolac 400F Klaue | MS Part Number: 608035 |
| | ■ MS Junta de eje para Isolac 400 (M) (F + FB) ■ MS Seal Locking for Isolac 400 C/Pce (F + FB) ■ MS Joint de verrouillage pour Isolac 400 (F + FB) ■ MS Riegel für Isolac 400 (F + FB) | MS Part Number: 608037 |
| | ■ MS Eje de junta para Isolac ■ MS Seal Central Spindle for Isolac ■ MS Joint Central pour Isolac ■ MS Zentrale Dichtung für Isolac | MS Part Number: 608040 |
| | ■ MS Perilla para Isolac 400ml ■ MS Knob for 400ml Isolac Clawpiece ■ MS Ecrou pour Isolac 400ml ■ MS Mutter für Isolac 400ml | MS Part Number: 608088 |
| | ■ MS Eje membrana inferior ■ MS Tie Bar + Moulded Knob ■ MS Axe clapet inférieur ■ MS Achse für unterklappe | MS Part Number: 608050 |



Milking Solutions Parts Catalogue

Sección A2
Accesorios Colector

| Image | Description | Code |
|----------------|---|---|
| | MS Anilla de acero inoxidable 1.5mm x 14mm MS Pin 1.5mm x 14mm S/S MS Gouille en inox 1.5mm x 14mm MS Stifte Rostfrei 1.5mm x 14mm | MS Part Number: 607919 Correlates: D320706MS |
| | MS Tirante para Isolac 400F & colector FB 19.25mm en acero inoxidable MS Spacer for Isolac 400F & FB Clawpiece 19.25mm S/S MS Entretoise pour Isolac 400F & Griff FB 19.25mm en Inox (M) MS Abstandshalter für Isolac 400F & FB Melkklaue Rostfrei (M) | MS Part Number: 608525 Correlates: DC83AK |
| | MS Repartidor 2 boquillas MS Air Section Twin MS Répartiteur à visser 2 embouchures MS Verteiler Alterniert | MS Part Number: 608738 Correlates: G273147MS |
| | MS Repartidor 1 boquilla (sim.) MS Air Section Single MS Répartiteur à visser 1 embouchure (sim) MS Verteiler Simultan | MS Part Number: 608739 Correlates: G273148MS |
| | MS Repartidor solo sim. MS Air Section Single MS Répartiteur 1 embouchure sim. MS Verteiler Simultan | MS Part Number: 608120 Correlates: D385747MS |
| | MS Repartidor dos alt. MS Air Section Twin MS Répartiteur 2 embouchures alt. MS Verteiler Alterniert | MS Part Number: 608121 Correlates: D385748MS |
| | MS Paquete de 5 juntas D242121MS para Maxicup/ EOMI Iso 1/2 MS Pack Gasket D242121MS for Maxicup / EOMI Iso 1/2 (5) MS Sachet de 5 joints D242121MS pour Maxicup/ EOMI Iso 1/2 MS Dichtung Sack (5) D242121MS für Maxicup/ EOMI Iso 1/2 | MS Part Number: 607805 Correlates: D255528MS |
| | MS Junta individual D255528MS para Maxicup EOMI Iso 1 & 2 MS Gasket Single D255528MS for Maxicup EOMI Iso 1 & 2 MS Joint D255528MS pour Maxicup EOMI Iso 1 & 2 MS Dichtung D255528MS für Maxicup EOMI Iso 1 & 2 | MS Part Number: 607754 Correlates: D242121MS |
| | Válvula de bola válvula de cierre MS Spherical Shut Off Valve for Maxicup MS Clapet sphérique pour Maxicup MS Runde Klappe für Maxicup | MS Part Number: 612486 Correlates: D382739MS |
| Awaiting Photo | | |



Milking Solutions Parts Catalogue

Sección A2
Accesorios Colector

| Image | Description | Code |
|------------|--|---|
| | ■ Válvula inferior válvula de cierre ■ MS Seal Locking Shut Off Valve for Maxicup ■ MS Clapet inférieur pour Maxicup ■ MS Unterklappe für Maxicup | MS Part Number: 612485 Correlates: D382738MS |
| | ■ MS Membrana superior válvula de cierre ■ MS Seal Central Shut Off Valve ■ MS Clapet supérieur ■ MS Klappe Oben | MS Part Number: 608032 Correlates: D382737MS |
| | ■ MS Anillo de resorte largo para Maxicup C/P ■ MS Spring Ring Large for Maxicup C/P ■ MS Anneau pour Maxicup C/P ■ MS Ring Maxicup für C/P | MS Part Number: 607767 Correlates: D243335MS |
| | ■ MS Anillo pequeño para Isoclaw ■ MS Spring Ring Small for Isoclaw ■ MS Petit Anneau pour Isoclaw ■ MS Kleine Ring für Isoclaw | MS Part Number: 607769 Correlates: D243703MS |
| cm 1 2 3 4 | ■ MS Resorte válvula rápida descargo para Isoclaw ■ MS Spring Quick Release Valve for Isoclaw ■ MS Ressort pour Isoclaw ■ MS Feder für Isoclaw | MS Part Number: 607768 Correlates: D243702MS |
| | ■ MS Soporte para colector Isolac 400ml ■ MS Cluster Support for 400ml Clawpiece ■ MS Support pour Isolac 400ml ■ MS Halter für Isolac 400ml | MS Part Number: 607932 Correlates: D356799MS |
| | ■ MS Soporte lavado Isolac naranja ■ MS Pack Cluster Support Bracket ■ MS Ensemble Support de griffe pour Faisceaux ORANGE ■ MS Sack Halter für Melkeinheiten ORANGE | MS Part Number: 608228 Correlates: D492192MS |
| | ■ MS Soporte naranja para grupo de ordeño ■ MS Bracket Cluster Support ■ MS Support orange pour Faisceaux ■ MS Halter Orange | MS Part Number: 608095 Correlates: D385660MS |
| | ■ MS Paquete Abarcon y silla Naranja 40mm (2) ■ MS Pack U Bolt & Saddle 40mm (2) ■ MS Sachet Collier Bosal orange (Etrier/Bride Plastique) 40mm (2) ■ MS Orange U-Bolzen und Sattel 40mm Sack (2) | MS Part Number: 607829 Correlates: D255663MS |



Milking Solutions Parts Catalogue

Sección A2
Accesorios Colector

| Image | Description | Code |
|-------|---|---|
| | <ul style="list-style-type: none"> ■ MS Soporte lavado Isolac gris ■ MS Pack Cluster Support Bracket GREY ■ MS Ensemble Support de griffe pour Faisceaux GRIS ■ MS Sack Halter für Melkeinheiten GRAU | MS Part Number: 608227 Correlates: D492192GREYMS |
| | <ul style="list-style-type: none"> ■ MS Soporte gris para grupo de ordeño ■ MS Bracket Cluster Support GREY ■ Ms Support gris pour Faisceaux ■ MS Halter Grau | MS Part Number: 608094 Correlates: D385660GREYMS |
| | <ul style="list-style-type: none"> ■ MS Paquete Abarcon y silla gris 40mm (2) ■ MS Pack U Bolt & Saddle 40mm Grey (2) ■ MS Sachet Collier Bosal gris (Etrier/Bride Plastique) 40mm (2) ■ MS Grau U Bolzen und Sattel 40mm Sack (2) | MS Part Number: 607828 Correlates: D255663GREYMS |
| | <ul style="list-style-type: none"> ■ MS Paquete de anillos de silicona (10 unidades) ■ MS Pack Cluster Ring Silicone (10) ■ MS Bague en silicone pour raccordement tuyaux (10) (M) ■ MS Satzblock-Ringsilikon (10) (M) | MS Part Number: 608391 Correlates: D700421MS |
| | <ul style="list-style-type: none"> ■ MS Paquete 20 tubo clip alt. negro ■ MS Pack Tube Clip Alternate Black (20) ■ MS Sachet de 20 clips noir pour Tuyau Alterné ■ MS Sack Schlauchklemme Wechseltakt Schwarz (20) | MS Part Number: 607822 Correlates: D255657MS |
| | <ul style="list-style-type: none"> ■ MS Gancho negro individual para tubo alt. (D255657MS = 20) ■ MS Tube Clip Alt Black (D255657MS = 20) ■ MS Clip noir individuel pour tuyau alt. (D255657MS) (D) ■ MS Schwarz Clip für Rohr Alternierend (1) (D255657MS) (M) | MS Part Number: 608089 Correlates: D385656MS |
| | <ul style="list-style-type: none"> ■ MS Paquete 20 tubo clip alt. naranja ■ MS Pack Tube Clip Alternate Orange (20) ■ MS Sachet de 20 clips orange pour Tuyau Alt. ■ MS Sack Schlauchklemme Wechseltakt Orange (20) | MS Part Number: 607823 Correlates: D255657ORANGE |
| | <ul style="list-style-type: none"> ■ MS Gancho naranja individual para tubo alt. (D255657MS = 20) ■ MS Tube Clip Alt Orange (D255657MS = 20) ■ MS Clip orange individuel pour Tuyau alt. (D255657MS = 20) ■ MS Orange Clip für Rohr Alternierend (D255657MS = 20) | MS Part Number: 608090 Correlates: D385656ORANGE |
| | <ul style="list-style-type: none"> ■ MS Paquete 20 tubo clip sim. naranja ■ MS Pack Tube Clip Simultaneous Orange (20) ■ MS Sachet de 20 clips orange pour Tuyau Sim. ■ MS Sack Schlauchklemme Gleichtakt Orange (20) | MS Part Number: 607824 Correlates: D255658MS |



Milking Solutions Parts Catalogue

Sección A2
Accesorios Colector

| Image | Description | Code |
|-------|--|--------------------------------------|
| | <p>MS Gancho naranja individual para tubo sim. (D255658MS = 20)</p> <p>MS Tube Clip Sim Individual Orange (D255658MS = 20)</p> | MS Part Number: 608091 |
| | <p>MS Clip individuel orange pour Tuyau sim (D255658MS = 20)</p> <p>MS Schlauchklamme Alt. orange (D255658MS = 20)</p> | Correlates: D385657MS |
| | <p>MS Pinza 24mm (para tubo de leche 14mm)</p> <p>MS Roll Clip od24 Tube (for 14mm tube)</p> | MS Part Number: 608733 |
| | <p>MS Pince 24mm (pour Tube à lait 14mm)</p> <p>MS Niro Klemme 24mm (Für Milchrohr 14mm)</p> | Correlates: G130026MS |
| | <p>MS Pinza inox 26mm (para tubito de leche 15.5 / 16mm)</p> <p>MS Roll Clip od 26 Tube (for 15.5 / 16mm tube)</p> | MS Part Number: 608182 |
| | <p>MS Pince Inox 26mm (pour Tube à lait 15.5 / 16mm)</p> <p>MS Niro Klemme 26mm Rostfrei (für Milchrohr 15.5 / 16mm)</p> | Correlates: D433430MS |
| | <p>MS Tubo de aire corto PVC naranja</p> <p>MS Air Tube Short Orange PVC</p> | MS Part Number: 608135 |
| | <p>MS Tuyau air court PVC orange</p> <p>MS Kurzer Pulsschlauch PVC orange</p> | Correlates: D385818MS |
| | <p>MS Paquete tubo de aire corto naranja (200)</p> <p>MS Pack Air Tube Short Orange (200)</p> | MS Part Number: 608135-200 |
| | <p>MS Sachet de 200 Tuyau air court Orange</p> <p>MS Sack Kurzer Pulsschlauch Orange (200)</p> | Correlates: D385818X200MS |
| | <p>MS Tubo de aire corto PVC gris 6 x 210mm</p> <p>MS Air Tube Short id6 x 210mm PVC Grey</p> | MS Part Number: 608134 |
| | <p>MS Tuyau air court PVC en Gris 6 x 210mm</p> <p>MS Kurzer Pulsschlauch PVC Grau 6 x 210mm</p> | Correlates: D385818GRYMS |
| | <p>MS Herramienta de desmontaje para pezonera</p> <p>MS Tool Liner Demounting</p> | MS Part Number: 608495 |
| | <p>MS Outil de démontage pour manchon (M)</p> <p>MS Werkzeug Zitzengummi Demontierung (M)</p> | Correlates: DC53AK |



Milking Solutions Parts Catalogue

Sección A3

Pezoneras para Cabra y Colector

| Image | Description | Code |
|-------|---|---|
| | ■ MS Equipo de ordeño para cabra (sin válvula) ■ MS Cluster for Goat (Non valve) ■ MS Faisceau pour Chèvre (sans valve) ■ MS Melkeinheiten für Ziege (ohne Ventil) | MS Part Number: 608709 Correlates: F96OVICAPRICLMS |
| | ■ MS Copas para Caprilac (tipo Ovilac) ■ MS Shells for Caprilac (Ovilac style) ■ MS Gobelets pour Caprilac (Ovilac style) ■ MS Einheit Zitzenbecher für Caprilac (Ovilac style) | MS Part Number: 608259 Correlates: D492287X2MS |
| | ■ MS Paquete copas para Caprilac (tipo Ovilac) (2) no clavija de desatascamiento ■ MS Pack Shells for Caprilac (Ovilac style) (2) No Air Tool ■ MS Sachet de 2 Gobelets pour Caprilac (Ovilac style) Epingle de débouchage ■ MS Einheit Zitzenbecher für Caprilac (Ovilac style) Nadel | MS Part Number: 608258 Correlates: D492287X2ALTMS |
| | ■ MS Copa Cabra (Tipo Ovilac) ■ MS Goat Shell (Ovilac style) ■ MS Gobelet Chèvre (Ovilac style) ■ MS Zitzenbecher für Ziegen (Ovilac style) | MS Part Number: 608142 Correlates: D385851STDMS |
| | ■ MS Tapón para copa (tipo Ovilac) ■ MS Plug for Ovilac-style Shell ■ MS Bouchon pour gobelet (Ovilac style) ■ MS Stopfen (Ovilac style) | MS Part Number: 608017 Correlates: D382639MS |
| | ■ MS Paquete pezoneras para Caprilac D381997 x 2 (2) ■ MS Pack Liner (2) for Goat Caprilac D381997 x 2 ■ MS Sachet Manchons pour Caprilac D381997 x 2 (2) ■ MS Zitzengummis für Caprilac D381997 x 2 (2) | MS Part Number: 608013 Correlates: D381997X2MS |
| | ■ MS Tapón colector capra ■ MS Plug Goat Claw ■ MS Bouchon ■ MS Stöpsel | MS Part Number: 608016 Correlates: D382637MS |
| | ■ MS Junta colector cabra ■ MS Seal Goat Claw ■ MS Joint ■ MS Dichtung | MS Part Number: 608041 Correlates: D382754MS |
| | ■ MS Tubito corto de leche en Silicona 8mm x 16mm x 300mm ■ MS Tube 8 x 16 x 300mm Silicone ■ MS Tuyau court à lait en Silicone 8mm x 16mm x 300mm ■ MS Rohr Silicone 8mm x 16mm x 300mm | MS Part Number: 608167 Correlates: D391538SMS |



Milking Solutions Parts Catalogue

Sección A3

Pezoneras para Cabra y Colector

| Image | Description | Code |
|-------|---|--|
| | <p>MS Tubo de pulsación en silicona 6mm x 13mm x 340mm MS Tube 6 x 13 x 340mm Silicone MS Tuyau de pulsation en silicone 6mm x 13mm x 340mm MS Rohr Silicone 6mm x 13mm x 340mm</p> | MS Part Number: 608168 Correlates: D391539SMS |
| | <p>MS Anillo de silicona roja 61mm - 16mm para Caprilac MS O Ring id 6.1mm ds 1.6mm Silicone Red for Caprilac MS Joint torique en silicone rouge 61mm - 16mm pour Caprilac MSDichtung Rot Silikon 61mm-16mm für Caprilac</p> | MS Part Number: 607765 Correlates: D242747MS |
| | <p>MS Anillo de silicona roja 81mm - 16mm para Caprilac MS O Ring id 8.1mm ds 1.6mm Silicone Red for Caprilac MS Anneau en silicone rouge 81mm - 16mm pour Caprilac MS O Ring Rot Silikon 81mm - 16mm für Caprilac</p> | MS Part Number: 607766 Correlates: D242748MS |
| | <p>MS Arandela inox M6 MS Washer Plain M6 S/S MS Rondelle en Inox M6 MS Beilagscheibe Rostfrei M6</p> | MS Part Number: 607621 Correlates: D204011MS |
| | <p>MS Tuerca inox M6 MS Nut Hex Full M6 S/S MS Ecrou en Inox M6 MS Mutter Rostfrei M6</p> | MS Part Number: 607632 Correlates: D204509MS |
| | <p>MS Tuerca inox M6 MS Nut Hex Nyloc M6 S/S MS Ecrou frein en Inox M6 MS Nyloc-Mutter Edelstahl M6</p> | MS Part Number: 607635 Correlates: D204550MS |
| | <p>MS Circlip inox tipo E cubilete 2.3 x 0.6mm MS Circlip E Type 2.3 x 0.6mm S/S MS Circlip inox Type E 2.3 x 0.6mm MS Circlip E Type 2.3 x 0.6mm Rostfrei</p> | MS Part Number: 607646 Correlates: D206704MS |
| | <p>MS Eje de cierre automático MS Catch Pin Goat Retractor MS Axe de verrouillage MS Zentrierstift</p> | MS Part Number: 612453 Correlates: D390738MS |
| | <p>MS Resorte de flexión derecho 270 cabra ACR MS Spring Torsion RH 270 Goat ACR MS Ressort Droit 270 Chèvre ACR (M) MS Torsionsfeder Rechte Seite 270 Ziege ACR</p> | MS Part Number: 607780 Correlates: D243731MS |



Milking Solutions Parts Catalogue

Sección A3

Pezoneras para Cabra y Colector

| Image | Description | Code |
|-------|--|----------------------------------|
| | MS Resorte de flexión izquierdo 270 cabra ACR MS Spring Torsion LH 270 Goat ACR | MS Part Number: 607781 |
| | MS Ressort Gauche 270 Chèvre ACR | Correlates: |
| | MS Torsionsfeder Linke 270 Ziegen ACR | D243732MS |



B



Auto Cluster Removal (ACR)



Décrochage Automatique



Automatische Abnahme und
Messbehalter Entleerung



Automatische Afname



ACR



Retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|--|---|
| | <p>Fuente de energía 9A Power supply 9 amp Alimentation 9A Netzanschlußgerät 9A</p> | MS Part Number: 303108 Correlates: D480109 |
| | <p>MS Fusible 15A rápido 6.35 x 32 para D480109 MS Fuse Quick Blow 15A 6.35 x 32 for D480109 MS Fusible 15A rapide 6.35 x 32 pour D480109 MS Sicherung 15A Gedrosselt 6.35 x 32 für D480109</p> | MS Part Number: 607892 Correlates: D263931MS |
| | <p>MS Fusible 1A fusión rápida 5 x 20 para D480109 MS Fuse Time Lag 1A 5 x 20 Glass for D480109 MS Fusible 1A fusion rapide 5 x 20 pour D480109 MS Sicherung 1A Schnellwirkend 5 x 20 für D480109</p> | MS Part Number: 607891 Correlates: D263925MS |
| | <p>MS Membrana para DV4 (vieja) MS Diaphragm for DV4 Old Type MS Membrane pour DV4 (ancien) MS Membran für DV4 (Alt)</p> | MS Part Number: 607976 Correlates: D381662MS |
| | <p>MS Paquete 5 válvulas para flotador MTO MS Pack Valve for MTO Float (5) MS Sachet de 5 clapets pour flotteur MTO MS Sack Schwimmerventil für MTO (5)</p> | MS Part Number: 607795 Correlates: D255070MS |
| | <p>MS Paquete válvula Ø17mm para DV5 MS Pack Diaphragm Valve Dia 17 for DV5 MS Vanne à membrane Ø17mm pour DV5 MS Membranventil Ø17mm für DV5</p> | MS Part Number: 608190 Correlates: D480080MS |
| | <p>MS Cuerpo Ø17mm para DV5 (D480080MS) MS Body Valve Dia 17mm for DV5 (D480080MS) MS Corps Ø17mm pour DV5 (D480080MS) MS Gehäuse Ø17mm für DV5 (D480080MS)</p> | MS Part Number: 608071 Correlates: D385584MS |
| | <p>MS Tapón para válvula DV1 DV5 & DV4 MS Cap for DV1 DV5 & DV4 Valve MS Couvercle pour DV1 DV5 & DV4 MS Deckel für DV1 DV5 & DV4</p> | MS Part Number: 608069 Correlates: D385574MS |
| | <p>MS Abrazadera para válvula D480074MS/D480075MS MS Ring Locking for DV1 DV4 & DV5 Valves MS Anneau de blocage pour D480074MS/D480075MS MS Verschraubungsring für D480074MS/D480075MS</p> | MS Part Number: 608068 Correlates: D385573MS |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|---|---|
| | MS Membrana para DV5 / DV4 (nueva) MS Diaphragm for DV5 / DV4 New Type MS Membrane pour DV5 / DV4 (neuf) MS Membrane für DV5 / DV4 (Neu) | MS Part Number: 607979 Correlates: D381667MS |
| | Repuestos para Isolator Xp Sensor Spare parts for Isolator Xp Sensor Pièces de rechange pour Isolator XP Sensor Ensemble capteur Ersatzteile für Isolator XP Sensor Milchflussanzeige-Einheit | MS Part Number: 303161 Correlates: D480197 |
| | MS Cámara de leche para Isolator ACR3/ XP MS Chamber Milk for Isolator 3 ACR3/ XP MS Joint de couvercle pour Isolator 3 ACR3/ XP MS Milchkammer für Isolator 3 ACR3/ XP | MS Part Number: 608122 Correlates: D385779MS |
| | MS Junta para cámara de leche ACR3/XP MS Seal for Milk Chamber Acr 3/XP MS Joint pour chambre à lait ACR3/XP MS Milchkammerdichtung für ACR3/XP | MS Part Number: 608042 Correlates: D382760MS |
| | MS Brida especial para Isolator 3/XP naranja MS Bracket for Isolator 3/XP orange MS Bride Support orange pour Isolator 3/XP MS Halterung Orange für Isolator 3/XP | MS Part Number: 608123 Correlates: D385780MS |
| | MS Paquete interruptor y etiqueta tipo para Isolator 3/XP MS Pack Switch & Label for Isolator 3/XP MS Interrupteur & Etiquette pour Isolator 3/XP MS Schalter für Isolator 3/XP | MS Part Number: 607840 Correlates: D255719MS |
| | MS Interruptor de conexión para D255719MS MS Switch Connection Assy for D255719MS MS Bouton pour D255719MS (D) MS Schalter Verbindung für D255719MS (M) | MS Part Number: 608194 Correlates: D480150MS |
| | MS Interruptor 12 x 12 PCB montaje remoto para Iso 3 MS Switch 12 x 12 PCB Mounting Remote for Iso 3 MS Interrupteur 12 x 12 PCB montage à distance pour Iso 3 (M) MS Schalter 12 x 12 PCB Displaykasten für Iso 3 (M) | MS Part Number: 607887 Correlates: D263738MS |
| | MS Membrana superior para Isolator 3/XP MS Diaphragm for Iso 3 Upper XP MS Diaphragme supérieur pour Isolateur 3/XP MS Obere Membrane für Isolator 3/XP | MS Part Number: 607985 Correlates: D381676MS |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|--|---|
| | ■ MS Membrana inferior para Isolator 3 ■ MS Diaphragm for Isolator 3 Lower ■ MS Membrane partie inférieure pour Isolator 3 ■ MS Untere Membrane für Isolator 3 | MS Part Number: 607986 Correlates: D381677MS |
| | ■ MS Válvula para Isolator 3/XP ■ MS Valve for Isolator 3/XP ■ MS Obturateur pour Isolator 3/XP ■ MS Ventil für Isolator 3/XP | MS Part Number: 608052 Correlates: D382873MS |
| | ■ MS Junta eje para Isolator 3 / Xp ■ MS Seal Shaft for Isolator 3 / Xp ■ MS Joint d'arbre pour Isolator 3 / Xp ■ MS Wellendichtung für Isolator 3 / Xp | MS Part Number: 608043 Correlates: D382762MS |
| | ■ MS Eprom para Isolator 3 tipo Vaca/Cabra ■ MS Eprom for Isolator 3 type Standard Cow / Goat ■ MS Eprom pour Isolator 3 type Vache/Chèvre ■ MS Eprom für Isolator 3 Stil programmiert Kuh / Ziege | MS Part Number: 608172 Correlates: D398531MS |
| | ■ MS Circlip inox tipo E 5 x 0.7mm Xp ■ MS Circlip E Type 5 x 0.7mm S/S Xp ■ MS Circlip en Inox type E 5 x 0.7mm Xp ■ MS Circlip Rostfrei E Stil 5 x 0.7mm Xp | MS Part Number: 607649 Correlates: D206707MS |
| | ■ MS Resorte de compresión de acero inoxidable para Isolator 3 ■ MS Spring Compression S/S for Isolator 3 ■ MS Ressort de Compression en Inox pour Isolator 3 ■ MS Druckfeder Rostfrei für Isolator 3 | MS Part Number: 607779 Correlates: D243723MS |
| | ■ MS Paquete pistas de circuito impreso para Isolator XP - Vaca ■ MS Pack PCB for Isolator XP Standard Cow ■ MS Circuit imprimé pour Isolator XP - Vache ■ MS Platine für Isolator XP Standard - Kühe | MS Part Number: 608199 Correlates: D480180MS |
| | ■ MS Fusible1.6A programado 5 x 20 ■ MS Fuse Time Lag 1.6A 5 x 20 ■ MS Fusible1.6A Temporisé 5 x 20 ■ MS Sicherung 1.6A Gedrosselt 5 x 20 | MS Part Number: 607904 Correlates: D263977MS |
| | ■ MS Electroválvula 2.5W 12V DC para Isolator 1,2,ACR/ARM ■ MS Coil Solenoid Valve 2.5W 12V DC for Isolator 1,2,ACR/ARM ■ MS Bobine électrovanne 2.5W 12V DC pour Isolator 1,2,ACR/ARM ■ MS Magnetventil 2.5W 12V DC für Isolator 1,2,ACR/ARM | MS Part Number: 607861 Correlates: D262501MS |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|---|---|
| | <p>MS Circuito impreso solo para serie 1 o serie 2 (D480067)</p> <p>MS PCB Control Box for ACR / ARM Series 1 & 2 (D480067)</p> <p>MS Circuit imprimé seul pour Série 1 ou Série 2 (D480067)</p> <p>MS P.C.B. für Serie 1 und Serie 2 (D480067)</p> | MS Part Number: 608744 Correlates: G357383MS |
| | <p>Repuestos para Dv TL</p> <p>Spare parts for Dv TL Assy</p> <p>Pièces de recharge pour Dv TL Assy</p> <p>Ersatzleile für Dv TL Assy</p> | MS Part Number: 303356 Correlates: D494175 |
| | <p>Repuestos para Isolator TL</p> <p>Spare parts for Isolator TL Assy</p> <p>Pièces de recharge pour Isolator TL Assy</p> <p>Ersatzleile für Isolator TL Assy</p> | MS Part Number: 303354 Correlates: D494170 |
| | <p>MS Restrictor para Isolator TL</p> <p>MS Restrictor for Isolator TL</p> <p>MS Restricteur Noir pour Isolator TL</p> <p>MS Drosselstück zchwarz für Isolator TL</p> | MS Part Number: 608084 Correlates: D385647MS |
| | <p>MS Paquete membrana tipo "C" para Lectron TL & Isolator TL</p> <p>MS Pack Diaphragm Type C for Lectron TL & Isolator TL</p> <p>MS Sachet de membranes Type C pour Lectron TL & Isolator TL</p> <p>MS Sack Membrane Type C für Lectron TL & Isolator TL</p> | MS Part Number: 607819 Correlates: D255654MS |
| | <p>MS Paquete membrana tipo "C" & "O" para MRTL & ACRTL</p> <p>MS Pack Diaphragm Type "C" & "O" for MRTL & ACRTL</p> <p>MS Sachet de membranes Type "C" & "O" pour MRTL & ACRTL</p> <p>MS Sack Membrane "C" und "O" für MRTL & ACRTL</p> | MS Part Number: 607820 Correlates: D255655MS |
| | <p>MS Paquete membrana tipo "O" para DVTL</p> <p>MS Pack Diaphragm Type "O" for DVTL</p> <p>MS Sachet membranes Type "O" pour DVTL</p> <p>MS Sack Membran "O" für DVTL</p> | MS Part Number: 607821 Correlates: D255656MS |
| | <p>MS Junta válvula</p> <p>MS Valve Seal</p> <p>MS Valve (D)</p> <p>MS Pulsator Kegel EL (D)</p> | MS Part Number: 608018 Correlates: D382714MS |
| | <p>MS Membrana para Pulsador TL D255654MS</p> <p>MS Diaphragm for Pulsator TL D255654MS</p> <p>MS Membrane pour Pulsateur TL D255654MS</p> <p>MS Membran für Pulsator TL D255654MS</p> | MS Part Number: 608092 Correlates: D385659MS |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|--|--|
| | MS Eje para Lectron TL (D255654MS / D255655MS) MS Spindle for Lectron TL (D255654MS / D255655MS) MS Axe pour Lectron TL (D255654MS / D255655MS) (M) MS Achse für Lectron TL (D255654MS / D255655MS) (M) | MS Part Number: 608159 Correlates: D390652MS |
| | MS Eje de latón para MR2000 TL D255655MS / 6MS MS Spindle Brass for MR2000TL D255655MS / 6MS MS Axe laiton pour MR2000 TL D255655MS / 6MS (M) MS Messing Spindel für MR2000 D255655MS / 6MS (M) | MS Part Number: 607920 Correlates: D321706MS |
| | MS Anillo 2.57 x 1.78 para D255655/6 MS O Ring Id 2.57 x 1.78 for D255655 / 6 MS Joint torique 2.57 x 1.78 pour D255655/6 MS Dichtungsring 2.57 x 1.78 für D255655/6 | MS Part Number: 607757 Correlates: D242701MS |
| | MS Anillo 12.29 x 3.53 para MR TL D255655MS / D255656MS MS O Ring id 12.29 x 3.53 for MR TL D255655MS / D255656MS MS Joint Torique 12.29 x 3.53 pour MR TL D255655MS / D255656MS MSDichtungsring 12.29 x 3.53 für MR TL D255655MS / D255656MS | MS Part Number: 607763 Correlates: D242733MS |
| | MS Resorte compresión de acero inoxidable para TL D255655MS / D255656MS MS Spring Compression for TL S/S D255655MS / D255656MS MS Ressort en Inox pour TL D255655MS / D255656MS MS Druckfeder für TL Rostfrei D255655MS / D255656MS | MS Part Number: 607775 Correlates: D243716MS |
| | MS Chimenea individual MS Chimney Single MS Cheminée individuelle MS Zylinder Single | MS Part Number: 608063 Correlates: D385537MS |
| | MS Paquete 6 chimeneas para Lectron MS Pack Chimney for Lectron (6) MS Sachet 6 cheminées ensemble pour Lectron MS Zylinder Sack für Lectron (6) | MS Part Number: 608064 Correlates: D385537X6MS |
| | MS Paquete de mazarotas y juntas (6) MS Pack Shuttle & Seal (6) MS Sachet de Masselottes & Joints (6) MS Schiffchen en Dichtung Sack (6) | MS Part Number: 607832 Correlates: D255682MS |
| | MS Paquete de mazarotas y juntas (6) alterado MS Pack Shuttle & Seal (6) Modified MS Sachet Masselottes & Joints (6) Modifié MS Sack Schiffchen en Dichtung (6) Modifizierend | MS Part Number: 607833 Correlates: D255682MSMOD |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|---|--|
| | ■ MS Junta para D255682MS ■ MS Seal - Armature Tip Shuttle for D255682MS ■ MS Joint pour D255682MS (M) ■ MS Dichtung für D255682MS (M) | MS Part Number: 607950 Correlates: D381386MS |
| | ■ MS Filtro doble para Lectron ■ MS Filter Twin for Lectron ■ MS Filtre pour Lectron ■ MS Filter für Lectron | MS Part Number: 608156 Correlates: D390628MS |
| | ■ MS Abrazadera de plástico para TL ■ MS Clamp for TL Pipeline plastic ■ MS Bride plastique pour TL ■ MS Leitungsklammer für TL plastik | MS Part Number: 608083 Correlates: D385646MS |
| | ■ MS Junta doble para Lectron ■ MS Gasket Twin for Lectron ■ MS Joint pour Lectron ■ MS Packung für Lectron | MS Part Number: 608166 Correlates: D391531MS |
| | ■ MS Junta de apéndice para TL ■ MS Gasket Filter Housing for TL ■ MS Joint d'étanchéité pour TL ■ MS Dichtung für TL | MS Part Number: 608109 Correlates: D385685MS |
| | ■ MS Paquete de 10 Juntas de apéndice para TL ■ MS Pack Gasket Filter Housing for TL (10) ■ MS Sachet de 10 joints d' étanchéité pour TL ■ MS Sack Dichtung für TL (10) | MS Part Number: 608110 Correlates: D385685X10MS |
| | ■ MS Bobina amarilla ■ MS Solenoid Coil Yellow ■ MS Bobine Jaune ■ MS Magnetventil Gelb | MS Part Number: 607863 Correlates: D262513MS |
| | ■ MS Soporte de solenoide ■ MS Bracket Solenoid ■ MS Etrier recuit ■ MS Magnetventil-Halterung | MS Part Number: 607865 Correlates: D262514MS |
| | ■ Repuestos para Ram Isolator 3 ■ Spare parts for Ram Isolator 3 ■ Pièces de recharge pour Vérin de décrochage Isolator 3 complet ■ Ersatzteile für Isolator 3 automatische abnamezylinder | MS Part Number: 303116 Correlates: D480128 |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|--|----------------------------------|
| | ■ MS Cilindro para Isolator 3 PVC naranja ■ MS Tube Ram for Isolator 3 PVC Orange ■ MS Cylindre de vérin pour Isolator 3 PVC Orange ■ MS Abnamezylinder für Isolator 3 PVC Orange | MS Part Number: 612494 |
| | | Correlates: D390665MS |
| | ■ MS Paquete cuerda (1) ■ MS Pack Cord Ram (1) ■ MS Sachet Corde (1) ■ MS Sack Abnahmeschnur (1) | MS Part Number: 607806 |
| | | Correlates: D255531MS |
| | ■ MS Paquete cuerda extensión corta (5) ■ MS Pack Cord Extension Short (5) ■ MS Sachet Corde allonges (5) ■ MS Sack Verlängerungsschnur (5) | MS Part Number: 607807 |
| | | Correlates: D255532MS |
| | ■ MS Cuerda larga 2.5m (1) ■ MS Pack Cord Ram Long 2.5m (1) ■ MS Corde Longue 2.5m (1) ■ MS Abnahmeschnur 2.5m Sack (1) | MS Part Number: 607808 |
| | | Correlates: D255533MS |
| | ■ MS Cuerda 5mm blanca Polyester (por metro) ■ MS Rope 5mm White Polyester (per meter) ■ MS Corde Polyester blanc 5mm (au mètre) ■ MS Schnur 5mm Weiß Polyester (pro meter) | MS Part Number: 607515 |
| | | Correlates: A040000MS |
| | ■ MS Agregado de cuerda ■ MS Cord Grip ■ MS Attache de corde ■ MS Schnursicherung | MS Part Number: 607662 |
| | | Correlates: D209743MS |
| | ■ MS Anillo de forma de acero inoxidable 4mm ■ MS Thimble 4mm Stn St Eye ■ MS Anneau de forme en inox 4mm ■ MS Schnurführung Rostfrei 4mm | MS Part Number: 607785 |
| | | Correlates: D249702MS |
| | ■ MS Paquete de accesorios Ram ■ MS Pack Fixings Ram ■ MS Kit accessoires Ram ■ MS Packung Befestigungen Kit Ram | MS Part Number: 612502 |
| | | Correlates: D255685MS |
| | ■ MS Gancho para manguera 10.7mm x 7/16" ■ MS Hose-Clip W10.7mm x 7/16 ■ MS Clip pour tuyau 10.7mm x 7/16" (M) ■ MS Schlauch-Clip 10.7mm x 7 / 16 " (M) | MS Part Number: 608716 |
| | | Correlates: G021756MS |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|---|---|
| | ■ MS Paquete de 5 mosquetón ■ MS Pack Carbine Hook (5) ■ MS Sachet de 5 mousquetons ■ MS Sack Karabinerhaken (5) | MS Part Number: 607811 Correlates: D255541MS |
| | ■ MS Gancho mosquetón (D255541MS) ■ MS Carbine Hook (D255541MS) ■ MS Crochet Mousqueton (D255541MS) ■ MS Karabiner Haken (D255541MS) | MS Part Number: 612501 Correlates: D222701MS |
| | ■ MS Paquete pistón completo ■ MS Pack Piston & Cord for ACR + ARM Assy ■ MS Ensemble piston complet ■ MS Sack Kolben-Einheit | MS Part Number: 607810 Correlates: D255536MS |
| | ■ MS Paquete de 5 juntas y membranas ■ MS Pack Seal Ram (5) ■ MS Sachet de 5 joints et membrane ■ MS Sack Kollbendichtung und membrane (5) | MS Part Number: 607809 Correlates: D255534MS |
| | ■ MS Membrana de goma para pistón de retirada ■ MS Seal Cup for Acr Cylinder ■ MS Joint pour vérin ■ MS Dichtung für Abnahmeyzylinder | MS Part Number: 608019 Correlates: D382716MS |
| | ■ MS Membrana para pistón ACR & Bras Ram ■ MS Diaphm for Piston Acr & Arm Ram ■ MS Membrane pour ACR & Bras Ram ■ MS Membrane für ACR & Arm Ram | MS Part Number: 608164 Correlates: D391509MS |
| | ■ MS Filtro mamparo para Isolator 3 38mm x 25mm x 6mm DC09AK ■ MS Filter Ram for Isolator 3 38mm x 25mm x 6mm DC09AK ■ MS Filtre vérin pour Isolateur 3 38mm x 25mm x 6mm DC09AK ■ MS Filter für Isolator 3 38mm x 25mm x 6mm DC09AK | MS Part Number: 608162 Correlates: D390666MS |
| | ■ MS Kit de conversión para ACR2 Ram, tapa & Polea ■ MS Kit Conversion for ACR2 Ram, Cap & Pulley ■ MS Kit de conversion pour ACR2 Ram, Capuchon & Poulie (M) ■ MS Umbausatz für ACR2 Ram Kappe & Riemenscheibe (M) | MS Part Number: 607838 Correlates: D255693MS |
| | ■ MS Paquete polea y montaje ■ MS Kit Pulley & Fixings ACR Ram ■ MS Sachet poulie et montage ■ MS Sack Riemenscheibe und Zubehör | MS Part Number: 612423 Correlates: D255726MS |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-----------------------|---|---|
| | ■ MS Tapón inferior ACR3 ■ MS Cap Ram Lower ACR 3 ■ MS Couvercle inférieur ■ MS Deckel untere | MS Part Number: 608127 Correlates: D385789MS |
| Awaiting Photo | | |
| | ■ MS Cilindro cuerpo PVC para Isolator 3 ■ MS Tube for Isolator 3 ACR Ram Threaded Ends ■ MS Tuyau pour Isolator 3 décrochage automatique Ram bouts filetés ■ MS Rohr für Isolator 3 ACR Ram Enden abgenutzt | MS Part Number: 612503 Correlates: D480133MS |
| | ■ MS Collar para ACR3 roscado interno ■ MS Collar for ACR 3 Threaded Internal ■ MS Collier pour vérin ■ MS Ring für Abnahmeyzylinder | MS Part Number: 608128 Correlates: D385790MS |
| | ■ MS Junta Ram para retirador automático 3 ■ MS Seal Ram for ACR3 ■ MS Joint pour décrochage automatique 3 ■ MS Pakkung für ACR3 | MS Part Number: 612500 Correlates: D382765MS |
| | ■ MS Abrazadera Ram ■ MS Ring Locking Ram ■ MS Bague ■ MS Ring | MS Part Number: 608129 Correlates: D385791MS |
| | ■ MS Polea 25mm x 12mm x 5.5mm ■ MS Pulley od25mm x id12mm x 5.5mm Bore ■ MS Poulie 25mm x 12mm x 5.5mm ■ MS Keilriemen 25mm x 12mm x 5.5mm | MS Part Number: 608139 Correlates: D385846MS |
| | ■ MS Manguito para polea D385846MS ■ MS Sleeve for Pulley D385846MS ■ MS Manches pour poulie D385846MS (M) ■ MS Muffe für Riemenscheibe D385846MS (M) | MS Part Number: 608140 Correlates: D385847MS |
| | ■ MS Arandela pequeña ■ MS Holding Boss ACR Piston Assy ■ MS Petite rondelle pour vérin ■ MS Beilagsscheibe Abnameyzyylinder | MS Part Number: 607923 Correlates: D326715MS |
| | ■ MS Arandela larga 16 x 2.5mm de acero inoxidable ■ MS Contact Ring 16 x 2.5mm S/S ■ MS Grande rondelle 16 x 2.5mm inox ■ MS Beilagsscheibe 16 x 2.5mm rostfrei | MS Part Number: 607924 Correlates: D326716MS |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|-------|---|----------------------------------|
| | <p>MS Cone guide para ACR & ARM Ram MS Cone Guide for ACR & ARM Ram</p> | MS Part Number: 608062 |
| | <p>MS Cône pour ACR & ARM Ram MS Kegelteil für ACR & ARM Ram</p> | Correlates: D385509MS |
| | <p>Caja polea ACR Ram MS Cage Pulley ACR Ram</p> | MS Part Number: 608076 |
| | <p>MS Cage Poulie ACR Ram (M) MS Korb Riemenscheibe ACR Ram (M)</p> | Correlates: D385596MS |
| | <p>MS Tapa superior para ACR 3 Ram (viejo D385788) MS Cap Upper for ACR 3 Ram (Old D385788)</p> | MS Part Number: 608200 |
| | <p>MS Couvercle pour Vérin ACR 3 (Ancien D385788) (D) MS Deckel für Abnahmeyzylinder (OII D385788) (D)</p> | Correlates: D480185MS |
| | <p>MS Mamparo Ram para ACR 3 MS Bulkhead Ram for ACR 3</p> | MS Part Number: 612472 |
| | <p>MS Cloison Ram pour ACR 3 MS Schott Ram für ACR 3</p> | Correlates: D385787MS |
| | <p>MS Sonda manguito negro Eoms para Isolator 2 MS Pack Probe Eoms for Isolator 2 Black Sleeve</p> | MS Part Number: 607816 |
| | <p>MS Sonde chemise noire Eoms pour Isolator 2 MS Sack Sondeneinheit Schwarz muffle Eoms für Isolator 2</p> | Correlates: D255620MS |
| | <p>MS Interruptor 1 polo 3A tornillos de los terminales para D498721 MS Switch 1 Pole 3A Screw Terminals for D498721</p> | MS Part Number: 607883 |
| | <p>MS Interrupteur 1 Pôle 3A Borne à vis pour D498721 MS Kippschalter 1 Polig 3A für D498721</p> | Correlates: D263714MS |
| | <p>MS Circuito impreso vaca para Isolator 2 MS Pack PCB Cow for Isolator 2</p> | MS Part Number: 607817 |
| | <p>MS Circuit Imprimé Vache pour Isolator 2 MS Sack Platine 1 Kühe für Isolator 2</p> | Correlates: D255622MS |
| | <p>MS Fusible 15A rapido 6.35 x 32 para D480109 MS Fuse Quick Blow 15A 6.35 x 32 for D480109</p> | MS Part Number: 607892 |
| | <p>MS Fusible 15A rapide 6.35 x 32 pour D480109 MS Sicherung 15A Gedrosselt 6.35 x 32 für D480109</p> | Correlates: D263931MS |
| | <p>MS Prendaestopas Pg7 MS Cable-Gland Pg7</p> | MS Part Number: 607905 |
| | <p>MS Presse étoupe Pg7 MS Kabelanschlussdichtung Pg7</p> | Correlates: D269544MS |

Piezas para retirado automático



Milking Solutions Parts Catalogue

Sección B1

Piezas para retirado automático

| Image | Description | Code |
|--|--|----------------------------------|
| A photograph of the MS Optical Scan Sensor, showing a cylindrical metal body with a red cap and a coiled grey cable. | ■ MS Lectura óptica del Sensor ■ MS Optical Scan Sensor | MS Part Number: 608198 |
| | ■ MS Lecture optique du capteur | Correlates: |
| | ■ MS Optische Scan-Sensor | D480177MS |



Pulsation

Pulsation

Pulsierungsaurustung

Pulsatie

Pulsación



Pulsación



Milking Solutions Parts Catalogue

Sección C1
Pulsadores y Componentes

| Image | Description | Code |
|-------|---|---|
| | ■ MS Equipo boquilla 17mm 32 - 51mm ■ MS Nozzle 17mm od 32 - 51mm (Vac/Wash Line) ■ MS Ensemble buse 17mm ■ MS Anschluss-Einheit 17mm | MS Part Number: 608311 Correlates: D500006MS |
| | ■ MS Anillo 16mm x 4mm para D500006MS ■ MS O Ring id16mmx4mm for D500006MS ■ MS Joint torique 16mm x 4mm pour D500006MS ■ MS Dichtungsring 16mm x 4mm für D500006MS | MS Part Number: 607760 Correlates: D242705MS |
| | ■ MS Junta inferior (D255584MS = paquete de 30) ■ MS Bottom Sealing Joint (D255584MS = Pack 30) ■ MS Joint inférieur (D255584MS = sachet de 30) (M) ■ MS Dichtung untere (D255584MS = Satz 30) (M) | MS Part Number: 607988 Correlates: D381895MS |
| | ■ MS Paquete junta inferior (30 x D381895MS) ■ MS Pack Bottom Sealing Joint (30 x D381895MS) ■ MS Sachet joint du bas (30 x D381895MS) ■ MS Gummidichtungssatz (30 x D381895MS) | MS Part Number: 607815 Correlates: D255584MS |
| | ■ Repuestos para Pulsator Lectron ■ Spare parts for Lectron Pulsator ■ Pièces de recharge pour Pulsateur Lectron ■ Ersatzleile für Lectron Pulsator | MS Part Number: 303333 Correlates: D494033 |
| | ■ MS Paquete de membranas y válvulas para Lectron (3) ■ MS Pack Diaphragm & Seal for Lectron (3) ■ MS Sachet de membranes et clapets pour Lectron (3) ■ MS Membrane und Packungs Sack für Lectron (3) | MS Part Number: 607812 Correlates: D255563MS |
| | ■ MS Membrana para Pulsador Lectron D255563MS ■ MS Diaphragm for Lectron Pulsator D255563MS ■ MS Membrane pour Pulsateur Lectron D255563MS ■ MS Membrane für Lectron Pulsator D255563MS | MS Part Number: 608165 Correlates: D391511MS |
| | ■ MS Manguito de plástico negro para Lectron D255563MS ■ MS Bush Plastic Black for Lectron D255563MS ■ MS Bague en plastique noir pour Lectron D255563MS (M) ■ MS Buchse Plastik Schwarzes für Lectron D255563MS (M) | MS Part Number: 608061 Correlates: D385507MS |
| | ■ MS Junta válvula ■ MS Valve Seal ■ MS Valve (D) ■ MS Pulsator Kegel EL (D) | MS Part Number: 608018 Correlates: D382714MS |



| Image | Description | Code |
|-------|---|---|
| | <p>MS Arandela de nylon 12 x 4.3 x 1 para D255563MS MS Washer Nylon 12 x 4.3 x 1 for D255563MS MS Rondelle en Nylon 12 x 4.3 x 1 pour D255563MS MS Scheibe Nylon 12 x 4.3 x 1 für D255563MS</p> | MS Part Number: 607643 Correlates: D204742MS |
| | <p>MS Filtro de aire para Lectron D255506MS MS Filter Element for Lectron Single D255506MS MS Filtre à air pour Lectron D255506MS (M) MS Luftfilter für Lectron D255506MS (M)</p> | MS Part Number: 608154 Correlates: D390500MS |
| | <p>MS Filtro de aire para Lectron (5) D390500MS MS Filter Element for Lectron (5 Pack) D390500MS MS Sachet de 5 filtres à air pour Lectron D390500MS MS Sack Filter für Lectron (5) D390500MS</p> | MS Part Number: 607804 Correlates: D255506MS |
| | <p>MS Paquete bobina borne y resistencia MS Pack Solenoid Terminal & Resistor MS Sachet Bobine Borne et Résistance MS Sack Magnetventil, Anschlussklammer und Widerstand</p> | MS Part Number: 607834 Correlates: D255683MS |
| | <p>MS Tornillo de latón N/P M3 x 6mm para D255683MS (1) MS Screw Pan Slot Brass N/P M3 x 6mm for D255683MS (Single) MS Vis en laiton N/P M3 x 6mm pour D255683MS (M) MS Schraube N/P M3 x 6mm für D255683MS (M)</p> | MS Part Number: 607595 Correlates: D200123MS |
| | <p>MS Resistor película del carbón 390RJ pour D255683MS MS Resistor Carbon Film 390RJ for D255683MS MS Résistance Couche Carbone 390RJ pour D255683MS (M) MS Widerstand Kohleschicht 390RJ für D255683MS (M)</p> | MS Part Number: 607907 Correlates: D270500MS |
| | <p>Repuestos para Pulsador Lectron TL Spare parts for Lectron TL Assy Pièces de recharge pour Pulsateur Lectron TL Ersatzleile für Lectron TL Pulsator</p> | MS Part Number: 303350 Correlates: D494147 |
| | <p>MS Paquete membrana tipo "C" para Lectron TL & Isolator TL MS Pack Diaphragm Type C for Lectron TL & Isolator TL MS Sachet de membranes Type C pour Lectron TL & Isolator TL MS Sack Membrane Type C für Lectron TL & Isolator TL</p> | MS Part Number: 607819 Correlates: D255654MS |
| | <p>MS Membrana para Pulsador TL D255654MS MS Diaphragm for Pulsator TL D255654MS MS Membrane pour Pulsateur TL D255654MS MS Membran für Pulsator TL D255654MS</p> | MS Part Number: 608092 Correlates: D385659MS |



Milking Solutions Parts Catalogue

Sección C1
Pulsadores y Componentes

| Image | Description | Code |
|-------|--|--|
| | ■ MS Eje para Lectron TL (D255654MS / D255655MS) ■ MS Spindle for Lectron TL (D255654MS / D255655MS) ■ MS Axe pour Lectron TL (D255654MS / D255655MS) (M) ■ MS Achse für Lectron TL (D255654MS / D255655MS) (M) | MS Part Number: 608159 Correlates: D390652MS |
| | ■ MS Paquete 6 chimeneas para Lectron ■ MS Pack Chimney for Lectron (6) ■ MS Sachet 6 cheminées ensemble pour Lectron ■ MS Zylinder Sack für Lectron (6) | MS Part Number: 608064 Correlates: D385537X6MS |
| | ■ MS Paquete de mazarotas y juntas (6) ■ MS Pack Shuttle & Seal (6) ■ MS Sachet de Masselottes & Joints (6) ■ MS Schiffchen en Dichtung Sack (6) | MS Part Number: 607832 Correlates: D255682MS |
| | ■ MS Paquete de mazarotas y juntas (6) alterado ■ MS Pack Shuttle & Seal (6) Modified ■ MS Sachet Masselottes & Joints (6) Modifié ■ MS Sack Schiffchen en Dichtung (6) Modifizierend | MS Part Number: 607833 Correlates: D255682MSMOD |
| | ■ MS Mazarota individual D255682MS ■ MS Shuttle Individual D255682MS ■ MS Masselottes individuelle D255682MS (M) ■ MS Schiffchen einzelnen D255682MS (M) | MS Part Number: 608264 Correlates: D494179MS |
| | ■ MS Mazarota individual alterado (D255682MSMOD) ■ MS Shuttle Individual Modified (D255682MSMOD) ■ MS Masselottes individuelle modifiée (D255682MS MOD) (M) ■ MS Schiffchen einzelnenGeändert (D255682MS MOD) (M) | MS Part Number: 608265 Correlates: D494179MSMOD |
| | ■ MS Junta para D255682MS ■ MS Seal - Armature Tip Shuttle for D255682MS ■ MS Joint pour D255682MS (M) ■ MS Dichtung für D255682MS (M) | MS Part Number: 607950 Correlates: D381386MS |
| | ■ MS Bobina amarilla ■ MS Solenoid Coil Yellow ■ MS Bobine Jaune ■ MS Magnetventil Gelb | MS Part Number: 607863 Correlates: D262513MS |
| | ■ MS Soporte de solenoide ■ MS Bracket Solenoid ■ MS Etrier recuit ■ MS Magnetventil-Halterung | MS Part Number: 607865 Correlates: D262514MS |



Milking Solutions Parts Catalogue

Sección C1
Pulsadores y Componentes

| Image | Description | Code |
|-------|--|--|
| | MS Filtro doble para Lectron MS Filter Twin for Lectron MS Filtre pour Lectron MS Filter für Lectron | MS Part Number: 608156 Correlates: D390628MS |
| | MS Abrazadera de plástico para TL MS Clamp for TL Pipeline plastic MS Bride plastique pour TL MS Leitungsklammer für TL plastik | MS Part Number: 608083 Correlates: D385646MS |
| | MS Reducción Lectron TL-TLE blanco 3.5mm MS Restrictor White 3.5mm Bore MS Frein de pulsation Blanc 3.5mm (TL) MS Widerstand Weiß 3.5mm (TL) | MS Part Number: 608157 Correlates: D390637MS |
| | MS Junta de apéndice para TL MS Gasket Filter Housing for TL MS Joint d'étanchéité pour TL MS Dichtung für TL | MS Part Number: 608109 Correlates: D385685MS |
| | MS Paquete de 10 Juntas de apéndice para TL MS Pack Gasket Filter Housing for TL (10) MS Sachet de 10 joints d'étanchéité pour TL MS Sack Dichtung für TL (10) | MS Part Number: 608110 Correlates: D385685X10MS |
| | MS Junta doble para Lectron MS Gasket Twin for Lectron MS Joint pour Lectron MS Packung für Lectron | MS Part Number: 608166 Correlates: D391531MS |
| | MS Kit de mantenimiento medidor de leche básico para Isolator 3 / TL (2 años) MS Kit Service Basic Milk Meter for Isolator 3 / TL (2 Year) MS Kit entretien compteur à lait basic pour Isolator 3 / TL (2 ans) (M) MS Service Kit Milchmessgerät für Isolator 3 / TL (2 Jahren) (M) | MS Part Number: 608707 Correlates: F492301CMS |
| | MS Y de plástico 8mm X 10mm colector oveja MS Y-Piece Id8xOd10 Sheep plastic Claw MS Y plastique 8mm X 10mm Griffe plastique MS Y-Stück Kunststoff 8mm X 10mm | MS Part Number: 608119 Correlates: D385746MS |
| | MS Fusible rápido 3.15A 5 x 20 para G033784 MS Fuse Quick Blow 3.15A 5 x 20 for G033784 MS Fusible rapide 3.15A 5 x 20 pour G033784 MS Sicherung Schnell Reagierend 3.15A 5 x 20 für G033784 | MS Part Number: 607903 Correlates: D263975MS |



Milking Solutions Parts Catalogue

Sección C1
Pulsadores y Componentes

| Image | Description | Code |
|-------|---|--|
| | <p>Fuente de energía 9A Power supply 9 amp Alimentation 9A Netzanschlußgerät 9A</p> | <p>MS Part Number: 303108</p> <p>Correlates: D480109</p> |
| | <p>MS Fusible 15A rapido 6.35 x 32 para D480109 MS Fuse Quick Blow 15A 6.35 x 32 for D480109 MS Fusible 15A rapide 6.35 x 32 pour D480109 MS Sicherung 15A Gedrosselt 6.35 x 32 für D480109</p> | <p>MS Part Number: 607892</p> <p>Correlates: D263931MS</p> |
| | <p>MS Fusible 5A 5x20mm Ms Fuse Quick Blow 5A 5x20mm MS Fusible 5A 5x20mm MS Sicherung 5A schnell reagierend 5x20mm</p> | <p>MS Part Number: 612456</p> <p>Correlates: D263934MS</p> |
| | <p>MS Fusible 1A fusión rápida 5 x 20 para D480109 MS Fuse Time Lag 1A 5 x 20 Glass for D480109 MS Fusible 1A fusion rapide 5 x 20 pour D480109 MS Sicherung 1A Schnellwirkend 5 x 20 für D480109</p> | <p>MS Part Number: 607891</p> <p>Correlates: D263925MS</p> |
| | <p>MS Pulsador LL90 para P94 simultaneo 60:40 MS Pulsator 60:40 for P94 Simultaneous LL90 MS Pulsateur LL90 pour P94 Simultané 60:40 MS Pulsator LL90 für P94 Gleichtakt 60:40</p> | <p>MS Part Number: 608686</p> <p>Correlates: F380850MS</p> |
| | <p>MS Pulsador LL90 para P94 alternado 60:40 MS Pulsator 60:40 for P94 Alternate LL90 MS Pulsateur LL90 pour P94 Alterné 60:40 MS Pulsator LL90 für P94 Wechseltakt 60:40</p> | <p>MS Part Number: 608688</p> <p>Correlates: F380854MS</p> |
| | <p>MS Pulsador LL90 para P94 alternado 70:30 MS Pulsator 70:30 for P94 Alternate LL90 MS Pulsateur LL90 pour P94 Alterné 70:30 MS Pulsator LL90 für P94 Wechseltakt 70:30</p> | <p>MS Part Number: 608687</p> <p>Correlates: F380851MS</p> |
| | <p>MS Filtro para P94 LL90 MS Filter for P94 LL90 MS Filtre pour P94 LL90 MS Filter für P94 LL90</p> | <p>MS Part Number: 608689</p> <p>Correlates: F380858MS</p> |
| | <p>MS Corredora para pulsador F380851MS 70:30 MS Slide Valve F380851MS 70:30 Ratio MS Tiroir pour pulsateur F380851MS 70:30 (M) MS Schieberventil F380851MS 70:30 (M)</p> | <p>MS Part Number: 608690</p> <p>Correlates: F380862MS</p> |



Milking Solutions Parts Catalogue

Sección C1
Pulsadores y Componentes

| Image | Description | Code |
|-------|---|--|
| | <p>MS Kit de mantenimiento 60:40 LL90 (P94) alternado para F380854MS MS Pack Service P94 LL90 60:40 Alternate for F380854MS MS Kit d'entretien 60:40 LL90 (P94) Alterné pour F380854MS MS Wartungssatz 60:40 LL90 (P94) Wechseltakt für F380854MS</p> | <p>MS Part Number: 608681</p> <p>Correlates: F380039MS</p> |
| | <p>MS Kit de mantenimiento 65:35 LL90 (P94) alternado para F380853 MS Pack Service P94 LL90 65:35 Alternate for F380853 MS Kit d'entretien 65:35 LL90 (P94) Alterné pour F380853 MS Wartungssatz 65:35 LL90 (P94) Wechseltakt für F380853</p> | <p>MS Part Number: 608682</p> <p>Correlates: F380042MS</p> |
| | <p>MS Kit de mantenimiento 60:40 LL90 (P94) simultáneo para F380850MS MS Pack Service P94 LL90 60:40 Simultaneous for F380850MS MS Kit d'entretien 60:40 LL90 (P94) Simultané pour F380850MS MS Wartungssatz 60:40 LL90 (P94) Gleichtakt für F380850MS</p> | <p>MS Part Number: 608683</p> <p>Correlates: F380043MS</p> |
| | <p>MS Membrana pequeña LL90 para P92 & P94 MS Diaphragm Small LL90 for P92 & P94 MS Membrane d'inversion LL90 pour P92 & P94 MS Umkehrmembran LL90 für P92 & P94</p> | <p>MS Part Number: 608685</p> <p>Correlates: F380833MS</p> |
| | <p>MS Adaptador para tapa de cubo Melotte MS Adaptor for P92&P94 M Susp Bucket MS Adapteur pour couvercle de pot Melotte MS Adapter für Melotte Hängeimerdeckel</p> | <p>MS Part Number: 608684</p> <p>Correlates: F380803MS</p> |
| | <p>MS Filtro fino para Pulsatronic MS Fine Filter Disc for Pulsatronic MS Filtre Fin pour Pulsatronic MS Feinfilter für Pulsatronic</p> | <p>MS Part Number: 608266</p> <p>Correlates: D494504MS</p> |
| | <p>MS Válvula solenoide para Pulsatronic S MS Solenoid Valve for Pulsatronic S MS Vanne Solenoide pour Pulsatronic S MS Magnetventil für Pulsatronic S</p> | <p>MS Part Number: 608267</p> <p>Correlates: D494512MS</p> |
| | <p>MS Batería para Pulsatronic S/600 MS Battery for Pulsatronic S/600 MS Batterie pour Pulsatronic S/600 MS Batterie für Pulsatronic S/600</p> | <p>MS Part Number: 608268</p> <p>Correlates: D494514MS</p> |
| | <p>MS Membrana para Pulsatronic MS Diaphragm for Pulsatronic MS Membrane pour Pulsatronic MS Membran für Pulsatronic</p> | <p>MS Part Number: 608269</p> <p>Correlates: D494523MS</p> |



Milking Solutions Parts Catalogue

Sección C1
Pulsadores y Componentes

| Image | Description | Code |
|-------|---|----------------------------------|
| | <p>MS Válvula guía para Pulsatronic MS Valve Stem Guide for Pulsatronic MS Clapet Guide pour Pulsatronic MS Ventilführung für Pulsatronic</p> | MS Part Number: 608270 |
| | <p>MS Válvula disco para Pulsatronic MS Valve Disc for Pulsatronic MS Disque de Clapet pour Pulsatronic MS Ventilscheibe für Pulsatronic</p> | MS Part Number: 608271 |
| | <p>MS Filtro grueso para Pulsatronic MS Filter Disc Coarse for Pulsatronic MS Filtre pour Pulsatronic MS Siebscheibe für Pulsatronic</p> | MS Part Number: 608272 |
| | <p>MS Caja para Pulsatronic MS Housing Drilled for Pulsatronic MS Boîtier pour Pulsatronic MS Gehäuse für Pulsatronic</p> | MS Part Number: 608273 |



Milking Solutions Parts Catalogue

Sección C2

Analizador Pulsaciones

| Image | Description | Code |
|-------|--|---|
| | ■ MS Filtro pulsografo (100) ■ MS Pack Filter Pulsation Analyser (100) ■ MS Sachet de 100 Filtres pour Valise Pulsographie ■ MS Sack Filter für Pulsierungsmessgerät (100) | MS Part Number: 607592 Correlates: D119427MS |
| | ■ MS Rollo de papel blanco para pulsaciones analizador ■ MS Paper Roll White For Pulsation Analyser ■ MS Rouleau Papier blanc pour Valise Pulsographie ■ MS Weiß Papierrolle für Pulsierungsmessgerät | MS Part Number: 607866 Correlates: D262528MS |
| | ■ MS Casete cinta de máquina de escribir negro ■ MS Ribbon Cassette Pulse Analyser Black ■ MS Cassette ruban encreur noir ■ MS Druckerband-Kassette Schwarz | MS Part Number: 607867 Correlates: D262529MS |
| | ■ MS Tapón pezones naranja ■ MS Teat Plug Orange ■ MS Bouchon obturateur orange ■ MS Zitzengummistöpsel orange | MS Part Number: 608056 Correlates: D385012MS |
| | ■ MS Tapón tetina negra de plástico ■ MS Teat Plug Black plastic ■ MS Bouchon obturateur noir en plastique ■ MS Zitzengummistöpsel Schwarz plastik | MS Part Number: 608073 Correlates: D385586MS |



D



Vacuum



Vide



Vakuum



Vacuüm



Vacío



Vacío



Milking Solutions Parts Catalogue

Sección D1

Bomba de vacío y el Motor

| Image | Description | Code |
|-------|---|-----------------------------------|
| | <ul style="list-style-type: none"> ■ MS Bomba 3VAC 1.5-2.2kW (reemplaza Maxivac 3) ■ MS3VAC 1.5-2.2kW Pump (Replaces Maxivac 3) ■ MS3VAC 1.5-2.2kW Pompe (remplace Maxivac 3) ■ MS3VAC 1.5-2.2kW Vakuumpumpe (ersetzt Maxivac 3) | MS Part Number: 608207 |
| | | Correlates: D488063MS |
| | <ul style="list-style-type: none"> ■ MS Rotor para Maxivac 3 Eje extendido ■ MS Rotor for Maxivac 3 Extended Shaft ■ MS Rotor pour Maxivac 3 Arbre Prolongé ■ MS Rotor für Maxivac 3 Welle Gesamtpreis (M) | MS Part Number: 612480 |
| | | Correlates: D324709MS |
| | <ul style="list-style-type: none"> ■ MS Paquete paletas para Maxivac 3 (4) F57 ■ MS Pack Vane for Maxivac 3 (4) F57 ■ MS Sachet ailettes pour Maxivac 3 (4) F57 ■ MS Flügel Sack für Maxivac 3 (4) F57 | MS Part Number: 608146 |
| | | Correlates: D389529X4MS |
| | <ul style="list-style-type: none"> ■ MS Bomba 4VAC 3.0-4.0kW (reemplaza Maxivac 4) ■ MS4VAC 3.0-4.0kW Pump (Replaces Maxivac 4) ■ MS4VAC 3.0-4.0kW Pompe (remplace Maxivac 4) ■ MS4VAC 3.0-4.0kW Vakuumpumpe (ersetzt Maxivac 4) | MS Part Number: 608208 |
| | | Correlates: D488065MS |
| | <ul style="list-style-type: none"> ■ MS Paquete paletas para Maxivac 4 (4) F57 ■ MS Pack Vane for Maxivac 4 (4) F57 ■ MS Sachet ailettes pour Maxivac 4 (4) F57 ■ MS Flügel Sack für Maxivac 4 (4) F57 | MS Part Number: 608147 |
| | | Correlates: D389530X4MS |
| | <ul style="list-style-type: none"> ■ MS Rodamiento 30 x 62 x 16 para Maxivac 3 & 4 ■ MS Bearing 30 x 62 x 16 (Ground) for Maxivac 3 & 4 ■ MS Roulement 30 x 62 x 16 pour Maxivac 3 & 4 ■ MS Kugellager 30 x 62 x 16 für Maxivac 3 & 4 | MS Part Number: 607682 |
| | | Correlates: D223701MS |
| | <ul style="list-style-type: none"> ■ MS Reten para Maxivac 3 & 4 del-tras ■ MS Seal Oil for Maxivac 3 & 4 ■ MS Bague d' étanchéité pour Maxivac 3 & 4 ■ MS Öldichtungsring für Maxivac 3 & 4 | MS Part Number: 607689 |
| | | Correlates: D225701MS |
| | <ul style="list-style-type: none"> ■ MS Arandela de engrasado para Maxivac 3 & 4 ■ MS Oil Shield Ring for Maxivac 3 & 4 ■ MS Rondelle de graissage pour Maxivac 3 & 4 ■ MS Öl Schutzring für Maxivac 3 und 4 | MS Part Number: 607915 |
| | | Correlates: D300703MS |
| | <ul style="list-style-type: none"> ■ MS Circlip inox 62 x 2mm para Maxivac 3 & 4 ■ MS Circlip Int 62 x 2mm Steel for Maxivac 3 & 4 ■ MS Circlip en acier 62 x 2mm pour Maxivac 3 & 4 ■ MS Circlip 62 x 2mm für Maxivac 3 & 4 | MS Part Number: 607648 |
| | | Correlates: D206706MS |



Milking Solutions Parts Catalogue

Sección D1

Bomba de vacío y el Motor

| Image | Description | Code |
|-------|--|---|
| | ■ MS Tapón 1/4 BSP negro ■ MS Plug 1/4 BSP Solid Black ■ MS Bouchon à vis noir 1/4 BSP ■ MS Schwarz Verschluß 1/4 BSP | MS Part Number: 607733 Correlates: D240837MS |
| | ■ MS Chavetta para Maxivac 3 & 4 ■ MS Key Parallel for Maxivac 3 & 4 ■ MS Clavette pour Maxivac 3 & 4 ■ MS Schlüssel für Maxivac 3 & 4 | MS Part Number: 607660 Correlates: D209729MS |
| | ■ MS Lámina de extremo para Maxivac 3 & 4 ■ MS End Plate for Maxivac 3 / 4 ■ MS Flasque pour Maxivac 3 & 4 ■ MS Endplatte für Maxivac 3 & 4 | MS Part Number: 607940 Correlates: D371712MS |
| | ■ MS Rotor para Maxivac 4 Eje extendido ■ MS Rotor for Maxivac 4 Extended Shaft ■ MS Rotor pour Maxivac 4 Arbre Prolongé ■ MS Rotor für Maxivac 4 Welle Gesamtpreis | MS Part Number: 607921 Correlates: D324710MS |
| | ■ MS Bomba 5VAC 5.5-7.5kW (reemplaza Maxivac 5) ■ MS5VAC 5.5-7.5kW Pump (Replaces Maxivac 5) ■ MS5VAC 5.5-7.5kW Pompe (remplace Maxivac 5) ■ MS5VAC 5.5-7.5kW Vakuumpumpe (ersetzt Maxivac 5) | MS Part Number: 608202 Correlates: D488025MS |
| | ■ MS Paquete paletas para Maxivac 5 (4) F57 ■ MS Pack Vane for Maxivac 5 (4) F57 ■ MS Sachet ailettes pour Maxivac 5 (4) F57 ■ MS Pumpenflügel Sack für Maxivac 5 (4) F57 | MS Part Number: 608148 Correlates: D389531X4MS |
| | ■ MS Rodamiento 40 x 80 x 18 para Maxivac 5 (Nuevo) ■ MS Bearing 40 x 80 x 18 Machined for Maxivac 5 (New) ■ MS Roulement 40 x 80 x 18 pour Maxivac 5 (neuf) ■ MS Kugellager 40 x 80 x 18 für Maxivac 5 (neu) | MS Part Number: 607681 Correlates: D223700MS |
| | ■ MS Reten para Maxivac 5 ■ MS Seal Oil for Maxivac 5 ■ MS Bague d'étanchéité pour Maxivac 5 ■ MS Dichtungsring für Maxivac 5 | MS Part Number: 607690 Correlates: D225702MS |
| | ■ MS Rodamiento 40 x 80 x 18 para Maxivac 5 (viejo) ■ MS Bearing 40 x 80 x 18 for Maxivac 5 Old ■ MS Roulement 40 x 80 x 18 pour Maxivac 5 (ancien) ■ MS Kuggellager 40 x 80 x 18 für Maxivac 5 (oll) | MS Part Number: 607680 Correlates: D223700/1MS |



Milking Solutions Parts Catalogue

Sección D1

Bomba de vacío y el Motor

| Image | Description | Code |
|-------|--|---|
| | ■ MS Cuña 0-05mm para Maxivac 5 ■ MS Shim 0.05mm for Maxivac 5 ■ MS Cale 0-05mm pour Maxivac 5 ■ MS Scheibe 0-05mm für Maxivac 5 | MS Part Number: 608163 Correlates: D390668MS |
| | ■ MS Circlip 80 x 2.5mm para MAXIVAC-5 ■ MS Circlip Int 80 x 2.5mm Steel for Maxivac 5 ■ MS Circlip en acier 80 x 2.5mm pour Maxivac 5 ■ MS Circlip 80 x 2.5mm für Maxivac 5 | MS Part Number: 607647 Correlates: D206705MS |
| | ■ MS Arandela de engrasado para Maxivac 5 ■ MS Oil Shield Ring for Maxivac 5 ■ MS Rondelle de graissage pour Maxivac 5 ■ MS Öl Schutzring für Maxivac 5 | MS Part Number: 607916 Correlates: D300704MS |
| | ■ MS Junta para Maxivac 5 ■ MS Gasket for Maxivac 5 ■ MS Joint pour Maxivac 5 ■ MS Packung für Maxivac 5 | MS Part Number: 608174 Correlates: D399507MS |
| | ■ MS Chaveta 10 x 8 x 32 para Maxivac 5 ■ MS Key Parallel 10 x 8 x 32 Form A for Maxivac 5 ■ MS Clavette 10 x 8 x 32 Forme A pour Maxivac 5 ■ MS Schlüssel 10 x 8 x 32 Form A für Maxivac 5 | MS Part Number: 607659 Correlates: D209727MS |
| | ■ MS Lámina de extremo para Maxivac 5 sin pintar ■ MS End Plate for Maxivac 5 Unpainted ■ MS Flasque pour Maxivac 5 non peinte ■ MS Endplatte für Maxivac 5 unlackiert | MS Part Number: 607938 Correlates: D371703MS |
| | ■ MS Rotor para Maxivac 5 ■ MS Rotor for Maxivac 5 ■ MS Rotor pour Maxivac 5 ■ MS Rotor für Maxivac 5 | MS Part Number: 607939 Correlates: D371705MS |
| | ■ MS Paquete paletas para Vac 2 (4) F57 ■ MS Vane Pack for Vac 2 (4) F57 ■ MS Sachet Ailettes pour Vac 2 (4) F57 ■ MS Sack Flügel für Vac 2 (4) F57 | MS Part Number: 608149 Correlates: D389537X4MS |
| | ■ MS Rodamiento 30 x 62 x 16 para Vac 2, 2A, 3, 3A & 4B ■ MS Bearing 30 x 62 x 16 for Vac 2, 2A, 3, 3A & 4B ■ MS Roulement 30 x 62 x 16 pour Vac 2, 2A, 3, 3A & 4B ■ MS Kugellager 30 x 62 x 16 für Vac 2, 2A, 3, 3A & 4B | MS Part Number: 607677 Correlates: D223016MS |



Milking Solutions Parts Catalogue

Sección D1

Bomba de vacío y el Motor

| Image | Description | Code |
|-------|---|---|
| | <p>MS Paquete paletas para Vac 2A (3) F57 MS Vane Pack for Vac 2A (3) F57 MS Sachet Ailettes pour Vac 2A (3) F57 MS Sack Flügel für Vac 2A (3) F57</p> | MS Part Number: 608150 Correlates: D389538X3MS |
| | <p>MS Paquete paletas para Vac 3 & PV3B (4) F57 MS Vane Pack for Vac 3 & PV3B (4) F57 MS Sachet Ailettes pour Vac 3 & PV3B (4) F57 MS Sack Flügel für Vac 3 & PV3B (4) F57</p> | MS Part Number: 608151 Correlates: D389539X4MS |
| | <p>MS Paquete paletas para Vac 3A / PV3 / PV3A (3) F57 MS Vane Pack for Vac 3A / PV3 / PV3A (3) F57 MS Sachet Ailettes pour Vac 3A / PV3 / PV3A (3) F57 MS Sack Flügel für Vac 3A / PV3 / PV3A (3) F57</p> | MS Part Number: 608152 Correlates: D389540X3MS |
| | <p>MS Paquete paletas para Vac 4A & Vac 4B (3) F57 MS Vane Pack for Vac 4A & Vac 4B (3) F57 MS Sachet Ailettes pour Vac 4A & Vac 4B (3) F57 MS Sack Flügel für Vac 4A & Vac 4B (3) F57</p> | MS Part Number: 608153 Correlates: D389542X3MS |
| | <p>MS Rodamiento 3205 para Vac 4 & 4A MS Bearing 3205 for Vac 4 & 4A MS Roulement 3205 pour Vac 4 & 4A MS Kugellager 3205 für Vac 4 & 4A</p> | MS Part Number: 607678 Correlates: D223020MS |
| | <p>MS Rodamiento 35 x 72 x 17 para Vac 4, 4A & 4B MS Bearing 35 x 72 x 17 for Vac 4, 4A & 4B MS Roulement 35 x 72 x 17 pour Vac 4, 4A & 4B MS Kugellager 35 x 72 x 17 für Vac 4, 4A & 4B</p> | MS Part Number: 607679 Correlates: D223021MS |
| | <p>MS Reten para VAC-2, 2A, 3, 3A Y 4B trasero MS Seal Oil Lip Type for Vac 2, 2A, 3, 3A & 4B MS Bague étanchéité pour Vac 2, 2A, 3, 3A & 4B MS Dichtungsring für Vac 2, 2A, 3, 3A & 4B</p> | MS Part Number: 607686 Correlates: D225008MS |
| | <p>MS Reten para Vac 4 & 4A trasero antiguo MS Seal Oil Lip Type for Vac 4 & 4A MS Bague d'étanchéité pour Vac 4 & 4A MS Dichtungsring für Vac 4 & 4A</p> | MS Part Number: 607688 Correlates: D225014MS |
| | <p>MS Reten para VAC-4, 4A, 4B & PV4 delantero MS Seal Oil Lip type for Vac 4, 4A 4B & PV4 MS Bague d'étanchéité pour Vac 4, 4A, 4B & PV4 MS Dichtungsring für Vac 4, 4A, 4B & PV4</p> | MS Part Number: 607687 Correlates: D225013MS |



Milking Solutions Parts Catalogue

Sección D1

Bomba de vacío y el Motor

| Image | Description | Code |
|-------|--|----------------------------------|
| | MS Junta para bomba D MS Seal for D Pump | MS Part Number: 608719 |
| | MS Bague de retenue d'huile pour Pompe à Vide D MS Dichtung für D Vakuum Pumpe | Correlates: G053600MS |
| | MS Polea 2 garganta 125 x mandrilado 28mm MS Pulley & Bush 2 Groove 125 Pcd 28mmB | MS Part Number: 607666 |
| | MS Poulie 2 gorges 125 x alésage 28mm MS Riemenscheibe 2 Nute 125 Pcd x 28mm Loch | Correlates: D222748MS |
| | MS Polea 2 garganta 200 x mandrilado 28mm MS Pulley & Bush 2 Groove 200Pcd 28mmB | MS Part Number: 607668 |
| | MS Poulie 2 gorges 200 x alésage 28mm MS Riemenscheibe 2 Nute 200 Pcd x 28mm Loch | Correlates: D222750MS |
| | MS Polea 3 garganta 224 x mandrilado 38mm MS Pulley & Bush 3 Groove 224Pcd 38mmB | MS Part Number: 607671 |
| | MS Poulie 3 gorges 224 x alésage 38mm MS Riemenscheibe 3 Nute 224 Pcd x 38mm Loch | Correlates: D222754MS |
| | MS Polea 3A garganta 150 x mandrilado 38mm para Maxivac 5 MS Pulley & Bush 3A Groove 150PCD 38mm Bore for Maxivac 5 | MS Part Number: 607673 |
| | MS Poulie 3A gorges 150 x alésage 38mm pour Maxivac 5 MS Riemenscheibe 3A Nute 150 Pcd x 38mm Loch für Maxivac 5 | Correlates: D222755MS |
| | MS Polea 3 garganta 125 x mandrilado 38mm MS Pulley & Bush 3Grv 125Pcd 38mmB | MS Part Number: 607674 |
| | MS Poulie 3 gorges 125 x alésage 38mm MS Riemenscheibe 3 Nute 125 Pcd x 38mm Loch | Correlates: D222756MS |
| | MS Correa Spa 1376 (Xpa 1357) MS Belt Vee Spa 1376 (Xpa 1357) | MS Part Number: 607664 |
| | MS Courroie Spa 1376 (Xpa 1357) MS Keilriemen Spa 1376 (Xpa 1357) | Correlates: D220711MS |
| | MS Correa Spa 1400 (Xpa 1400) MS Belt Vee Spa 1400 (Xpa 1400) | MS Part Number: 607663 |
| | MS Courroie Spa 1400 (Xpa 1400) MS Keilriemen Spa 1400 (Xpa 1400) | Correlates: D220705MS |
| | MS Montaje para bomba de vacío Maxivac 4/5 vertical MS Frame & Guard Vertical (for Maxivac 4/5 vertical) | MS Part Number: 608211 |
| | MS Ensemble pour pompe à vide Maxivac 4/5 Vertical (M) MS Vakuumpumpensatzeinheit Maxivac 4/5 Vertikal (M) | Correlates: D488069MS |



Milking Solutions Parts Catalogue

Sección D1

Bomba de vacío y el Motor

| Image | Description | Code |
|-------|--|--|
| | <p>MS Montaje para bomba de vacío Maxivac 3 y 4 horizontal MS Base & Guard Horizontal (for Maxivac 3/4) MS Ensemble pour pompe à vide Maxivac 3 et 4 Horizontal (M) MS Vakuumpumpensatzeinheit Maxivac 3 & 4 Horizontal (M)</p> | <p>MS Part Number: 608210</p> <p>Correlates: D488067MS</p> |
| | <p>MS Equipo de transformación para bomba de vacío Iso a Maxivacs MS Kit Conv for Iso Pumps To Maxivacs MS Kit de transformation pour pompe à vide Iso to Maxivacs MS Vakuumaggregat Umbausatz für Iso Pumps und Maxivacs</p> | <p>MS Part Number: 608204</p> <p>Correlates: D488046MS</p> |
| | <p>MS Reglaje del perno para bomba MS Adjusting Bolt Pump Frame MS Réglage du boulon pour pompe (M) MS Einstellschraube Pumpe (M)</p> | <p>MS Part Number: 607935</p> <p>Correlates: D360729MS</p> |
| | <p>MS Motor 2.2Kw 1 fase 240V 50Hz para Weg azul MS Motor 2.2Kw 1Ph 240V 50Hz for Weg Blue MS Moteur bleu Mono 230V 2.2Kw 50Hz pour Weg MS Blau Motor 1Phase 230V 2.2Kw 50Hz für Weg</p> | <p>MS Part Number: 607847</p> <p>Correlates: D260116MS</p> |
| | <p>MS Motor 3kW 1fase 240V 50Hz para Weg azul (sin estárter) MS Motor 3kW 1Ph 240V 50Hz for Weg Blue (No Starter) MS Moteur bleu Mono 230V 3Kw 50Hz pour Weg MS Blau Motor 1 Phase 230V 3Kw 50Hz für Weg</p> | <p>MS Part Number: 607848</p> <p>Correlates: D260117MS</p> |
| | <p>MS Motor 3.7Kw 1 fase 240V 50Hz azul MS Motor 3.7Kw 1Ph 240V 50Hz blue MS Moteur bleu Mono 3.7Kw 240V 50Hz MS Motor 3.7Kw 1Ph 240V 50Hz Blau</p> | <p>MS Part Number: 607849</p> <p>Correlates: D260118MS</p> |
| | <p>MS Motor & Estárter 3.7kw 1 fase 230V 50Hz MS Motor & Starter 3.7kw 1Ph 230V 50Hz MS Moteur et démarreur Mono 3.7kw 1Ph 230V 50Hz MS Motor und Starter 3.7kw 1Ph 230V 50Hz</p> | <p>MS Part Number: 607855</p> <p>Correlates: D260524MS</p> |
| | <p>MS Separador de aceite silencioso (naranja) MS Oil Separator / Silencer ORANGE MS Séparateur/silencieux d'huile ORANGE MS Ölabscheider ORANGE</p> | <p>MS Part Number: 608206</p> <p>Correlates: D488048MS</p> |
| | <p>MS Separador de aceite silencioso (azul) MS Oil Separator / Silencer BLUE MS Séparateur/silencieux d'huile BLEU MS Ölabscheider BLAU</p> | <p>MS Part Number: 608205</p> <p>Correlates: D488048BLUEMS</p> |



Milking Solutions Parts Catalogue

Sección D1

Bomba de vacío y el Motor

| Image | Description | Code |
|-------|---|----------------------------------|
| | <p>MS Filtro de fibra de rebenque para separador de aceite D488048MS</p> <p>MS Filter Matting for Oil Separator D488048MS</p> | MS Part Number: 612468 |
| | <p>MS Filtre fibre raban pour séparateur d'huile D488048MS</p> <p>MS Filtermatte für Ölabscheider D488048MS</p> | Correlates: DC96AK |
| | <p>MS filtro de plástico (Ronda) para el separador de aceite D480048MS</p> <p>MS Filter Plastic (Ronde) for Oil separator D480048MS</p> | MS Part Number: 612469 |
| | <p>MS Filtre plastique (rond) pour séparateur d'huile D480048MS</p> <p>MS MS Filter Kunststoff (Runde) für Ölabscheider D480048MS</p> | Correlates: DC97AK |
| | <p>MS Junta tapa calderin verde</p> <p>MS Gasket Green Interceptor</p> | MS Part Number: 607914 |
| | <p>MS Joints de couvercle Vert</p> <p>MS Dichtung Vakuumtank Grün</p> | Correlates: D299719MS |
| | <p>MS Junta Interceptor</p> <p>MS Gasket Interceptor</p> | MS Part Number: 607751 |
| | <p>MS Joint</p> <p>MS Dichtung</p> | Correlates: D242030MS |
| | <p>MS Reducción galvanizado 1 1/4 x 1 BSP</p> <p>MS Bush Reducing 1 1/4 x 1BSP Galv</p> | MS Part Number: 607693 |
| | <p>MS Réduction Galv. 1 1/4 x 1 BSP Galv.</p> <p>MS Reduziermuffe 1 1/4 x 1 B.S.P. verzinkt</p> | Correlates: D240434MS |



Milking Solutions Parts Catalogue

Sección D2

Contadores y Reguladores de Vacío

| Image | Description | Code |
|-------|--|--|
| | <p>MS Bolsa de 5 filtros superior para Isovac 600/2000/4000 MS Pack Filter Upper (5) for Isovac 600/2000/4000</p> <p>MS Sachet de 5 filtres supérieurs pour Isovac 600/2000/4000 MS Filter Oben Sack (5) für Isovac 600/2000/4000</p> | MS Part Number: 607791 Correlates: D255000MS |
| | <p>MS Bolsa de 5 filtros inferior para Isovac 2000 MS Pack Filter Lower for Isovac 2000 (10)</p> <p>MS Sachet de 10 filtres inférieurs pour Isovac 2000 MS Filter Unten sack (10) für Isovac 2000</p> | MS Part Number: 607792 Correlates: D255001MS |
| | <p>MS Paquete de 10 anillos 20 x 3 para Isovac 600 / 2000 / 4000 MS Pack O Ring 20 x 3 (10) for Isovac 600 / 2000 / 4000</p> <p>MS Sachet de 10 joints toriques 20 x 3 pour Isovac 600 / 2000 / 4000 MS O-Ring sack 20 x 3 (10) für Isovac 600 / 2000 / 4000</p> | MS Part Number: 607800 Correlates: D255117MS |
| | <p>MS Paquete de 10 filtros inferior para Isovac 31100 MS Pack Filter Lower for Isovac 31100 (10)</p> <p>MS Sachet de 10 filtres inférieurs pour Isovac 31100 MS Filter Unten Sack (10) für Isovac 31100</p> | MS Part Number: 607799 Correlates: D255097MS |
| | <p>MS Paquete de 10 anillos 25 x 3 para Isovac 2700 / 4000 MS Pack O Ring 25 x 3 (10) for Isovac 2700 / 4000</p> <p>MS Sachet de 10 joints toriques 25 x 3 pour Isovac 2700 / 4000 MS O-Ring Sack 25 x 3 (10) für Isovac 2700 / 4000</p> | MS Part Number: 607801 Correlates: D255118MS |
| | <p>MS Regulador para Isovac 3500 naranja MS Vacuum Regulator for Isovac 3500 Orange</p> <p>MS Régulateur orange pour Isovac 3500 MS Gesamtbild Regelventil für Isovac 3500 Orange</p> | MS Part Number: 608337 Correlates: D700150MS |
| | <p>MS Regulador de vacío para Servac 3500 azul MS Vacuum Regulator Blue for Servac 3500</p> <p>MS Régulateur à vide pour Servac 3500 Bleu (M) MS Vakuum-Regler Blau für Servac 3500 (M)</p> | MS Part Number: 608488 Correlates: DC46AK |
| | <p>MS Bolsa repuestos para Isovac 3500 MS Service Kit for Isovac 3500 Vacuum Regulator</p> <p>MS Sachet pièces de rechange pour Isovac 3500 MS Gesamtbild regelventil Set für Isovac 3500</p> | MS Part Number: 608336 Correlates: D700150KITMS |
| | <p>MS Servicio de mantenimiento para Isovac 3500 Regulador de vacío MS Service Kit for Isovac 3500 Vacuum Regulator</p> <p>MS Service entretien pour Isovac 3500 régulateur de dépression (M) MS Service Kit für Isovac 3500 Vakuum-Regler (M)</p> | MS Part Number: 608546 Correlates: DF3500MS |



Milking Solutions Parts Catalogue

Sección D2

Contadores y Reguladores de Vacío

| Image | Description | Code |
|-------|---|---|
| | <p>MS Servicio de mantenimiento para Isovac 7000 Regulador de vacío ■ MS Service Kit for Isovac 7000 Vacuum Regulator ■ MS Service entretien pour Isovac 7000 régulateur de dépression (M) ■ MS Service Kit für Isovac 7000 Vakuum-Regler (M)</p> | MS Part Number: 608547 Correlates: DF7000MS |
| | <p>MS Tubo de equilibrios de vacío para Isovac 3500 ■ MS Vacuum Balance Tube for Isovac 3500 ■ MS Tuyau de prise de vide pour Isovac 3500 ■ MS Vakuumausgleichsslauch für Isovac 3500</p> | MS Part Number: 608339 Correlates: D700152MS |
| | <p>MS Tubo de nylon blanco 4mm x 6mm para Isovac 3500 ■ MS Tube Nylon Flex id 4mm x od 6mm White for Isovac 3500 ■ MS Tube en Nylon blanc 4 x 6mm pour Isovac 3500 ■ MS NylonSchlauch Weiß 4 x 6mm für Isovac 3500</p> | MS Part Number: 607533 Correlates: A762005MS |
| | <p>MS Membrana inferior para Isovac 3500 de silicona ■ MS Diaphragm Main for Isovac 3500 Silicone ■ MS Membrane principale en silicone pour Isovac 3500 ■ MS Hauptdiaphragma Silikon für Isovac 3500</p> | MS Part Number: 608338 Correlates: D700151MS |
| | <p>MS Tornillo de estrella 4.8 x 16B ■ MS Screw S/Tp Pan Hd Poz 4.8 x 16B ■ MS Vis cruciforme 10B x 16 Isovac 3500 ■ MS Schraube 10B x 16 Isovac 3500</p> | MS Part Number: 608340 Correlates: D700153MS |
| | <p>MS Junta tórica 0221-16 pour Isovac 3500 (individual) ■ MS O Ring 0221-16 for Isovac 3500 (Single) ■ MS Joint torique 0221-16 pour Isovac 3500 ■ MS O-Ring 0221-16 für Isovac 3500</p> | MS Part Number: 608342 Correlates: D700155MS |
| | <p>MS Membrana negra piloto para Isovac 3500 ■ MS Diaphragm for Isovac 3500 Pilot Valve Black ■ MS Membrane noire pilote pour Isovac 3500 ■ MS Ventil Pilotdiaphragma für Isovac 3500 Schwarz</p> | MS Part Number: 608344 Correlates: D700156MS |
| | <p>MS Válvula piloto para Isovac ■ MS Pilot Valve for Isovac ■ MS Valve pilote pour Isovac ■ MS Pilotventil für Isovac</p> | MS Part Number: 608354 Correlates: D700166MS |
| | <p>MS Junta tórica 0031-16 pour Isovac 3500 (individual) ■ MS O Ring 0031-16 for Isovac 3500 (Single) ■ MS Joint torique 0031-16 pour Isovac 3500 ■ MS O-Ring 0031-16 für Isovac 3500</p> | MS Part Number: 608341 Correlates: D700154MS |



Milking Solutions Parts Catalogue

Sección D2

Contadores y Reguladores de Vacío

| Image | Description | Code |
|-------|--|----------------------------------|
| | ■ MS Tornillo moleteado M6 x 10 para Isovac 3500 ■ MS Thumb Screw Nylon Slotted M6 x 10 for Isovac 3500 | MS Part Number: 608346 |
| | ■ MS Vis moletée M6 x 10 pour Isovac 3500 ■ MS Schraube Nylon M16 x 10 für Isovac 3500 | Correlates: D700158MS |
| | ■ MS Filtro papel para Isovac 3500 superior ■ MS Cleaner Element for Isovac 3500 | MS Part Number: 608345 |
| | ■ MS Filtre papier pour Isovac 3500 ■ MS Filter für Isovac 3500 | Correlates: D700157MS |
| | ■ MS Tapa para Isovac 3500 ■ MS Cover for Isovac 3500 | MS Part Number: 608098 |
| | ■ MS Capot pour Isovac 3500 ■ MS Haube für Isovac 3500 | Correlates: D385668MS |
| | ■ MS Resorte de válvula para Isovac 3500 ■ MS Spring Valve for Isovac 3500 | MS Part Number: 608347 |
| | ■ MS Ressort de Valve pour Isovac 3500 ■ MS Feder für Isovac 3500 | Correlates: D700159MS |
| | ■ MS Válvula para Isovac 3500 ■ MS Valve Main for Isovac 3500 | MS Part Number: 608348 |
| | ■ MS Valve conique pour Isovac 3500 ■ MS Haupt Ventil für Isovac 3500 | Correlates: D700160MS |
| | ■ MS Cuerpo de molde para Isovac 3500 ■ MS Top Moulding for Isovac 3500 | MS Part Number: 608349 |
| | ■ MS Corps moulé pour Isovac 3500 ■ MS Federsitz für Isovac 3500 | Correlates: D700161MS |
| | ■ MS Caja filtro opcional ■ MS Clean Air Supply Moulding | MS Part Number: 608350 |
| | ■ MS Boîtier filtre optionnel Isovac 3500 ■ MS Halter für Filter Isovac 3500 | Correlates: D700162MS |
| | ■ MS Filtro para Isovac 3500 inferior ■ MS Filter for Isovac 3500 | MS Part Number: 608351 |
| | ■ MS Filtre pour Isovac 3500 ■ MS Filter für Isovac 3500 | Correlates: D700163MS |
| | ■ MS Arandela de válvula piloto ■ MS Disc For Floating Pilot Valve | MS Part Number: 608353 |
| | ■ MS Rondelle de valve pilote Isovac 3500 ■ MS Masterventilscheibe (Schwebend) Isovac 3500 | Correlates: D700165MS |



Milking Solutions Parts Catalogue

Sección D2

Contadores y Reguladores de Vacío

| Image | Description | Code |
|-------|---|------------------------------------|
| | MS Filtro espuma para Isovac 3500 MS Foam Ring for Isovac 3500 | MS Part Number: 608355 |
| | MS Mousse pour Isovac 3500 MS Schaumstoffring für Isovac 3500 | Correlates: D700167MS |
| | MS Basa válvula piloto para Isovac 3500 MS Base Pilot Valve for Isovac 3500 | MS Part Number: 608335 |
| | MS Base valve pilote pour Isovac 3500 (M) MS Unterseite Pilot Ventil für Isovac 3500 (M) | Correlates: D700149MS |
| | MS Regulador para Isovac 7000 naranja MS Regulator for Isovac 7000 | MS Part Number: 608352 |
| | MS Régulateur pour Isovac 7000 MS Regelventil für Isovac 7000 | Correlates: D700164MS |
| | MS Tapón para Isovac 7000 MS Moulding Top Slave for Isovac 7000 | MS Part Number: 608357 |
| | MS Bouchon pour Isovac 7000 MS Kappe für Isovac 7000 | Correlates: D700169MS |
| | MS Junta para Isovac/Servac 7000 MS Gasket Slave for Isovac/Servac 7000 | MS Part Number: 608356 |
| | MS Joint pour Isovac/Servac 7000 MS Dichtung für Isovac/Servac 7000 | Correlates: D700168MS |
| | MS Vacuometro 100kPa 3/8 BSP 80mm MS Gauge Vacuum 100kPa 3/8 BSP 80mm Face | MS Part Number: 607784 |
| | MS Indicateur de Vide 100kPa 3/8 BSP 80mm MS Vakuumeter 100kPa 3/8 BSP 80mm | Correlates: D249072MS |
| | MS Vacuometro 100kPa 100mm ajuste flecha MS Gauge Vacuum 100kPa 100mm Face Adjust Arrow | MS Part Number: 612444 |
| | MS Indicateur de vide 100kPa 100mm Réglage flèche (M) MS Vakuummeter 100kPa 100mm Verstellausleger (M) | Correlates: D249072ALTMS |
| | MS Abrazadera reducción hexagonal de acero inoxidable 1/2 x 3/8 BSP MS Bush Hex Reducer 1/2 x 3/8 BSP S/S | MS Part Number: 607739 |
| | MS Raccord réducteur Hexagonal en inox 1/2 x 3/8 BSP (M) MS VerkleinerungsVerbindung sechseckig Rostfrei 1/2 x 3/8 BSP (M) | Correlates: D240943MS |



Milking Solutions Parts Catalogue

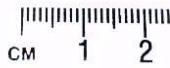
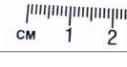
Sección D3
Lubricación Aceite

| Image | Description | Code |
|-------|--|---|
| | <p>MS Aceite Vacoil para bomba de vacío GM 5L MS Oil Vacoil For GM Vacuum Pumps 5 litre MS HuileVacoil pour pompe à vide GM 5L MS Öl Vacoil für Vakuumpumpe GM 5 Liter</p> | MS Part Number: 607911 Correlates: D291127MS |
| | <p>MS Aceite Vacoil para bomba de vacío GM 20L MS Oil Vacoil For GM Vacuum Pumps 20 litre MS Huile Vacoil pour pompe GM 20 litres MS Öl Vacoil Für GM Vakuum Pumpe 20 litre</p> | MS Part Number: 607912 Correlates: D291128MS |
| | <p>MS Engrasador goteo para Vac / Maxivac (D488024) MS Kit Oil Drop Lubricator for Vac / Maxivac (D488024) MS Lubrificateur goutte à goutte pour Vac / Maxivac (D488024) MSÖler Tropfenweise für Vac / Maxivac (D488024)</p> | MS Part Number: 608213 Correlates: D488077MS |
| | <p>MS Curva 1/4" M x H Galv.para D488077MS MS Bend 1/4" M x F Galv for D488077MS MS Coude 1/4" M x F Galv. pour D488077MS (D) MS Bogen 1/4" M x F Galv. für D488077MS (M)</p> | MS Part Number: 608463 Correlates: DC24AK |
| | <p>MS Tubo de captador de aceite PVC MS Oil Pick Up Tube Lubricator PVC MS Tube de Captage d'huile PVC MS Tauchrohr PVC</p> | MS Part Number: 608060 Correlates: D385140MS |
| | <p>MS Tapón Captador del bidón de aceite MS Oil Bottle Top Lubricator MS Bouchon Capteur du Bidon d'huile MS Stopfen für Ölkanne</p> | MS Part Number: 608100 Correlates: D385672MS |
| | <p>MS Tubo PVC Nylon 5 x 8 x 1m MS Tube Flexible PVC 5 x 8 x 1m MS Tube PVC Nylon 5 x 8 x 1m MS Nylonrohr PVC 5 x 8 x 1m</p> | MS Part Number: 608059 Correlates: D385139MS |
| | <p>MS Equipo Engrasador de goteo MS Lubricator Assy Oil Drop MS Ensemble Huileur Goutte à Goutte MS Öltropf-Schmiereinrichtung</p> | MS Part Number: 608358 Correlates: D700170MS |
| | <p>MS Tornillo de ajuste para engrasador MS Adjustment Screw Lubricator MS Vis de Réglage pour Huileur MS Stellschraube für Öltropf</p> | MS Part Number: 608359 Correlates: D700171MS |



Milking Solutions Parts Catalogue

Sección D3
Lubricación Aceite

| Image | Description | Code |
|--|---|---|
|   | <p>MS Junta tórica para engrasador MS O Ring Lubricator</p> <p>MS Joint Torique pour Huileur MS "O" Ring für Öltropf</p> | MS Part Number: 608360 Correlates: D700172MS |
|   | <p>MS Disco para engrasador MS Disc Lubricator</p> <p>MS Disque pour Huileur MS Scheibe für Öltropf</p> | MS Part Number: 608361 Correlates: D700173MS |
|   | <p>MS Esponja engrasador 14 x 30mm MS Filter 14 x 30mm Lubricator</p> <p>MS Filtre pour Huileur 14 x 30mm MS Filter für Öltropf 14 x 30mm</p> | MS Part Number: 608362 Correlates: D700174MS |
|   | <p>MS Cuerpo del engrasador MS Housing Lubricator</p> <p>MS Corps du Huileur MS Gehäuse für Öltropf</p> | MS Part Number: 608363 Correlates: D700175MS |
|   | <p>MS Cuentagotas para engrasador MS Dropper Lubricator</p> <p>MS Goutte à Goutte pour Huileur MS Tropfer für Öltropf</p> | MS Part Number: 608364 Correlates: D700176MS |
|   | <p>MS Mirilla de cristal para engrasador MS Sight Glass Lubricator</p> <p>MS Viseur en Verre pour Huileur MS Schauglas für Öltropf</p> | MS Part Number: 608365 Correlates: D700177MS |
|   | <p>MS Barril para engrasador MS Barrel Lubricator</p> <p>MS Réservoir pour Huileur MS Trommel für Öltropf</p> | MS Part Number: 608366 Correlates: D700178MS |
|   | <p>MS Arandela 14 x 18mm de cobre para engrasador MS Washer 14 x 18mm Copper Lubricator</p> <p>MS Rondelle 14 x 18mm en Cuivre pour huileur MS Unterlegscheibe 14 x 18mm Kupferring</p> | MS Part Number: 608367 Correlates: D700179MS |
|   | <p>MS Junta lubricador MS Seal Lubricator</p> <p>MS Bague MS Dichtung</p> | MS Part Number: 608368 Correlates: D700183MS |



Milk Receivers



Chambres de Réception



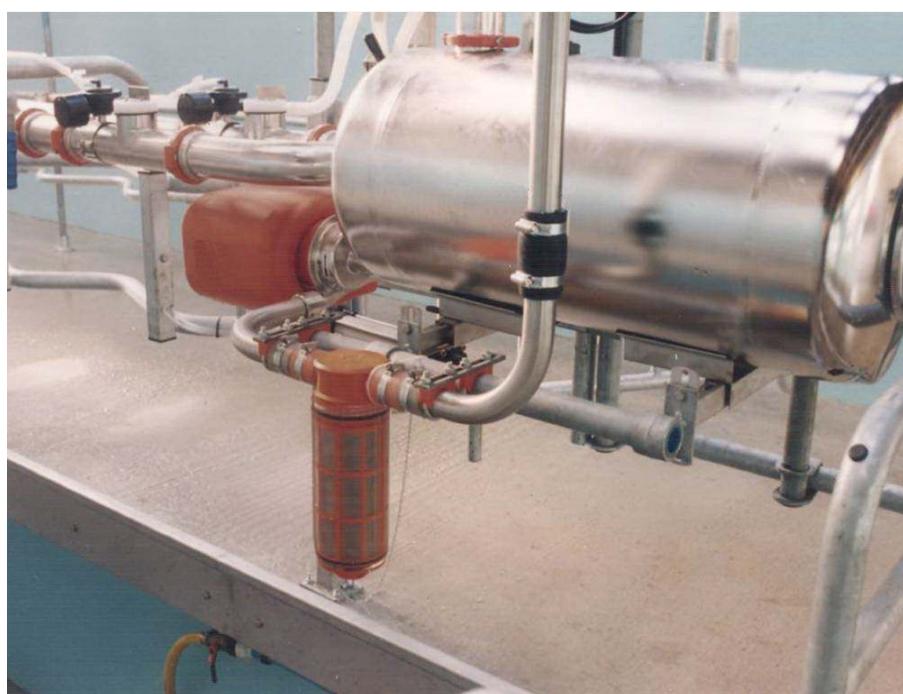
Endeinheiten



Melkpompgroepen



Receptores de la Leche



Receptores de la Leche



Milking Solutions Parts Catalogue

Sección E1
Asambleas Receptores

| Image | Description | Code |
|-------|---|----------------------------------|
| | ■ MS Tubo con mercurio 20A ■ MS Mercury Tube 20 Amp Switch ■ MS Tube avec Mercure 20A ■ MS Quecksilberrohr 20A | MS Part Number: 608717 |
| | ■ MS Fusible 10A programado 6.35 x 32 para G035784 ■ MS Fuse Time Lag 10A 6.35 x 32 for G035784 ■ MS Fusible10A temporisé 6.35 x 32 pour G035784 ■ MS Sicherung 10A Gedrosselt 6.35 x 32 für G035784 | Correlates: G035008MS |
| | ■ MS Tarro abierto 6 gallon/28kg ■ MS Jar 6 Gallon Open ■ MS Bocal ouvert 6 gallon/28Kg ■ MS Glasbehälter 28kg | MS Part Number: 608735 |
| | ■ MS Tarro abierto 32L ■ MS Jar 7 Gallon / 32 Ltr Open Receiver ■ MS Bocal ouvert 32 L ■ MS Geöffnet Glasbehälter 32 L | MS Part Number: 608496 |
| | ■ MS Tapa 2 entradas Ø40mm ■ MS 2 Nozzle Releaser Lid 40mm ■ MS Couvercle 2 entrées Ø40mm ■ MS Deckel 2 Nippel Ø 40mm | Correlates: G104158MS |
| | ■ MS sondas RT2 ■ MS Probe Set RT2 ■ MS sondes RT2 ■ MS Sonden RT2 | MS Part Number: 608718 |
| | ■ MS Cuerpo de cristal 135 x 340 mm Pyrex ■ MS Body Glass Trap 135 x 340mm Pyrex ■ MS Cylindre verre 135 x 340mm Pyrex ■ MS Schale 135 x 340mm Pyrex | MS Part Number: 612473 |
| | ■ MS Junta de cuerpo cristal ■ MS Gasket Body Glass ■ MS Joint de bocal ■ MS Dichtung | MS Part Number: 607753 |
| | ■ MS sonda magnética Unidad final ■ MS Pack Probe Milk Receivers ■ MS Sonde magnétique ■ MS Einheit Sonde | MS Part Number: 607803 |



Milking Solutions Parts Catalogue

Sección E1
Asambleas Receptores

| Image | Description | Code |
|-------|---|----------------------------------|
| | ■ MS Tuerca roscada M6 para sonda PAL ■ MS Nut M6 Threaded Plate Washer Probe PAL | MS Part Number: 607925 |
| | ■ MS Ecrou M6 pour sonde PAL ■ MS Mutter M6 für sonde PAL | Correlates: D327124MS |
| | ■ MS Tuerca inox M6 ■ MS Nut M6 Domed Hex Probe S/S | MS Part Number: 607640 |
| | ■ MS Ecrou borgne en inox M6 ■ MS Rostfrei Schliessmutter M6 | Correlates: D204607MS |
| | ■ MS Kit linea de distribución leche ■ MS Milk Delivery Line Sweep Kit | MS Part Number: 608779 |
| | ■ MS Kit ligne distribution lait (M) ■ MS Kit Reihenvertrieb Milch (M) | Correlates: H6001MS |
| | ■ MS Filtro regulador Combi 1/4 BSP ■ MS Filter Regulator Combi 1/4 BSP | MS Part Number: 607738 |
| | ■ MS Filtre Régulateur Combi 1/4 BSP (M) ■ MS Combi Filter Regler 1 / 4 BSP (M) | Correlates: D240942MS |
| | ■ MS Filtro para regulador de filtro D240942MS ■ MS Filter for D240942MS Filter Regulator | MS Part Number: 608500 |
| | ■ MS Filtre pour Régulateur de filtre D240942MS ■ MS Filter für MS D240942MS Filter Regulator | Correlates: DC58AK |
| | ■ MS Adaptador de acero inoxidable ½" BSP x 12mm (Botón pulsador) ■ MS Adaptor ½" BSP x 12mm Push In S/S | MS Part Number: 607737 |
| | ■ MS Adaptateur en Inox ½" BSP x 12mm (Bouton poussoir) (M) ■ MS Adapter Rostfrei ½" BSP x 12mm (Druckknopf) (M) | Correlates: D240938MS |
| | ■ MS Paquete Abarcon y silla Naranja 40mm (2) ■ MS Pack U Bolt & Saddle 40mm (2) | MS Part Number: 607829 |
| | ■ MS Sachet Collier Bosal orange (Etrier/Bride Plastique) 40mm (2) ■ MS Orange U-Bolzen und Sattel 40mm Sack (2) | Correlates: D255663MS |
| | ■ MS Reducción ½ x 3/8" ■ MS Nipple Reducing ½ x 3/8" | MS Part Number: 608450 |
| | ■ MS Réduction ½ x 3/8" (M) ■ MS Verkleinerung ½ x 3/8" (M) | Correlates: DC11AK |
| | ■ MS Entrada leche fileteada 3/8 ■ MS Milk Entry Threaded 3/8 | MS Part Number: 608451 |
| | ■ MS Entrée lait fileté 3/8 (M) ■ MS Milch Eintrag Gewinde 3 / 8 (M) | Correlates: DC12AK |



| Image | Description | Code |
|-------|---|----------------------------------|
| | ■ MS Válvula de bola de acero inoxidable (2) ■ MS Ball Valve 2 piece S/S | MS Part Number: 608452 |
| | ■ MS Clapet à bille en Inox (2) (M) ■ MS Kugelhahn Rostfrei (2) (M) | Correlates: DC13AK |
| | ■ MS Tubo blanco de nylon Polypenco 9mm x 12mm ■ MS Tube Nylon Polypenco Flex id 9mm x od 12mm White | MS Part Number: 607536 |
| | ■ MS Tube flexible blanc en Nylon Polypenco 9mm x 12mm ■ MS Schlauch Nylon Polypenco 9mm x 12mm Weiß | Correlates: A762009MS |
| | ■ MS Acoplamiento 3/8 BSP de acero hembra para H6001MS ■ MS Coupling 3/8 BSP St Steel Female for H6001MS | MS Part Number: 608438 |
| | ■ MS Connection 3/8 BSP en Inox Femelle pour H6001MS (M) ■ MS Kupplung 3 / 8 BSP Rostfrei weiblich für H6001MS (M) | Correlates: DC06AK |
| | ■ MS Codo macho y codo hembra 1/4" x 12 ■ MS Elbow 1/4" BSP x 12 M & F | MS Part Number: 608724 |
| | ■ MS Coude mâle & femelle 1/4" x 12 ■ MS Knie Außengewinde 1/4" B.S.P. x 12 | Correlates: G065021MS |
| | ■ MS T Ø12mm ■ MS Tee Push On od 12mm | MS Part Number: 608725 |
| | ■ MS Té Ø12mm ■ MS T-Stück Ø12mm | Correlates: G065029MS |



Milking Solutions Parts Catalogue

Sección E2

Bombas de leche y Componentes

| Image | Description | Code |
|-------|--|--|
| | <p>MS Placa de contacto 23 45 10 para Hi-Flo Mk2 MS Contact Ring 23 45 10 for Hi-Flo Mk2</p> <p>MS Plaque de contact 23 45 10 pour Haut Débis Mk2 MS Kontaktring 23 45 10 für Hi-Flo Mk2</p> | MS Part Number: 608720 Correlates: G053604MS |
| | <p>MS Junta de árbol 22-42-13 para Hi-Flo Mk2 MS Seal Shaft 22-42-13 for Hi-Flo Mk2</p> <p>MS Joint d'arbre 22-42-13 pour Haut Débis Mk2 MS Dichtung für Achse 22-42-13 für Hi-Flo Mk2</p> | MS Part Number: 608721 Correlates: G053605MS |
| | <p>MS Membrana bomba leche individual para Hi-Flo Mk2 MS Flap Non Return Valve Single for Hi-Flo Mk2</p> <p>MS Clapet anti-retour pour Haut Débis Mk2 MS Rückschlagventilklappe für Hi-Flo Mk2</p> | MS Part Number: 608727 Correlates: G067251MS |
| | <p>MS Reten bomba leche 3000-6000L. MS Seal Dupax Graphite Rotary Milk Pump for Hi Flo Plus/0.37Kw/0.75Kw</p> <p>MS Obturateur graphite pour Haut débit Plus/0.37Kw/0.75Kw MS Verschlussdichtung für Hi Flo Plus/0.37Kw/0.75Kw</p> | MS Part Number: 607683 Correlates: D225001MS |
| | <p>MS Contra reten bomba de leche blanco MS Seal Face Ceramic Stationary Milk Pump</p> <p>MS Anneau céramique et coiffe pour hélice blanc MS Keramikring für Milch Flügelrad Weiß</p> | MS Part Number: 607685 Correlates: D225002MS |
| | <p>MS Contra reten bomba de leche marrón MS Seal Face Ceramic Stationary Milk Pump Brown</p> <p>MS Anneau céramique et coiffe pour hélice marron MS Keramikring für Flügelrad Braun</p> | MS Part Number: 607684 Correlates: D225002ALTMS |
| | <p>MS Junta cerámica de goma para D225002MS MS Housing Rubber Ceramic Seal for D225002MS</p> <p>MS Joint céramique en caoutchouc pour D225002MS (M) MS Keramik-Dichtung Gummi für D225002MS (M)</p> | MS Part Number: 608453 Correlates: DC14AK |
| | <p>MS Bola negra de caucho 1in Dia +/- 0.004 0.75kW MS Ball Black Solid Rubber 1in Dia +/- 0.004 0.75kW</p> <p>MS Balle Noire en caoutchouc 1in Dia +/- 0.004 0.75kW MS Schwarz Ball gummi 1in Dia +/- 0.004 0.75kW</p> | MS Part Number: 607949 Correlates: D381384MS |
| | <p>MS Bola 22.5 caucho MS Ball 22.5mm Rubber</p> <p>MS Balle en caoutchouc 22.5mm MS Ball 22.5mm Gummi</p> | MS Part Number: 607955 Correlates: D381444MS |



Milking Solutions Parts Catalogue

Sección E2

Bombas de leche y Componentes

| Image | Description | Code |
|-------|--|---|
| | <p>MS Tapón negro 13mm toma de drenaje ■ MS Cap 13mm Drain Nozzle Black ■ MS Bouchon noir 13mm ■ MS Kappe 13mm Schwarz</p> | MS Part Number: 607946 Correlates: D381172MS |
| | <p>MS Válvula sin retorno individual 50mm ■ MS Non-Return Valve Single 50mm ■ MS Sachet de clapet anti retour 50mm ■ MS Rückschlagventilklappe Sack 50mm</p> | MS Part Number: 607913 Correlates: D299700MS |
| | <p>MS Junta 115 x 3.5 tapa bomba de leche 0.75Kw ■ MS O Ring Id115 x 3.5 Milk Pump Cover 0.75Kw ■ MS Joint 115 x 3.5 0.75Kw ■ MS Dichtung 115 x 3.5 0.75Kw</p> | MS Part Number: 607752 Correlates: D242035MS |
| | <p>MS Anillo 98.4mm x 3.2mm ■ MS O Ring id 98.4mm x 3.2mm ■ MS Joint 98.4mm x 3.2mm ■ MS Dichtung 98.4mm x 3.2mm</p> | MS Part Number: 607756 Correlates: D242192MS |
| | <p>MS Kit junta para bomba de leche 0.37Kw para Zenith ■ MS Seal Kit Milk Pump 0.37Kw for Zenith ■ MS Kit joint pour pompe à lait 0.37Kw pour Zenith (M) ■ MS Satz Dichtungen für Milchpump 0.37Kw für Zenith (D)</p> | MS Part Number: 608531 Correlates: DC89AK |
| | <p>MS Helice y arandela de cerámica 110LH pour D255093MS ■ MS Impellor & Ceramic Seal 110 LH for D255093MS ■ MS Hélice et anneau céramique 110LH pour D255093MS ■ MS Flugel und Keramikring 110LH für D255093MS</p> | MS Part Number: 608179 Correlates: D428201MS |
| | <p>MS Helice bomba lech. 6000 L.1CV ■ MS Pack Impellor & Washer 110 LH ■ MS Sachet hélice/rondelle gauche (hélice 4 Pales Ø110) ■ MS Flügelrad und Scheibe Sack Links (Flügel Ø110)</p> | MS Part Number: 607797 Correlates: D255093MS |
| | <p>MS Arandela inox M8mm ■ MS Washer Lock Serr Ext M8mm S/S ■ MS Rondelle en Inox dent. Vis M8mm (M) ■ MS Zahnscheibe Rostfrei 8mm (D)</p> | MS Part Number: 607627 Correlates: D204303MS |
| | <p>MS Membrana bomba leche para gran caudal Plus / 0.37kW / 0.75kW ■ MS Flap Valve Milk Pump Black for Hi-Flo Plus / 0.37kW / 0.75kW ■ MS Clapet Noir anti-retour Pompe à Lait pour Haut Débit Plus / 0.37kW / 0.75kW ■ MS Schwarz Ventilklappe für Milchpumpe Hi-Flo Plus / 0.37kW / 0.75kW</p> | MS Part Number: 607957 Correlates: D381473MS |



Milking Solutions Parts Catalogue

Sección E2

Bombas de leche y Componentes

| Image | Description | Code |
|-------|---|--|
| | <p>MS Motor 0.75Kw 1 fase 240V 50Hz 3000 T/M MS Motor 0.75Kw 1 phase 240V 50Hz Large Terminal Connection Box</p> <p>MS Moteur 0.75Kw Mono 240V 50Hz 3000 T/M (M) MS Motor 0.75Kw 1 Ph 240V 50Hz 3000 RPM (M)</p> | MS Part Number: 607846 Correlates: D260103ALTMS |
| | <p>MS Condensador 20μF motor bomba de leche 470 Voltios MS Capacitor 20μF Milk Pump Motor 470Volts</p> <p>MS Condensateur 20μF Moteur de Pompe à Lait 470 Volts (M) MS Kondensator 20μF Milch Pumpe Motor 470Volts (M)</p> | MS Part Number: 608470 Correlates: DC31AK |
| | <p>MS Estárter sin sobrecarga MS Starter Direct On Line (No overload)</p> <p>MS Démarreur sans surcharge MS Starter ohne Übelastschutz</p> | MS Part Number: 607857 Correlates: D262259MS |
| | <p>MS Relé 10A 250V - 24V AC MS Relay 10A 250V - 24V AC</p> <p>MS Relais 10A 250V - 24V AC MS Relais 10A 250V - 24V AC</p> | MS Part Number: 607856 Correlates: D262170MS |
| | <p>MS Interruptor y bobina 220Volt 50Hz MS Contactor Block & Coil 220V 50Hz</p> <p>MS Contacteur 220Volt 50Hz MS Kontaktgeber 220V 50Hz</p> | MS Part Number: 607858 Correlates: D262260MS |
| | <p>MS Relé térmica 4.5A - 6.5A pour D112654/D112703 MS Thermal Overload Relay 4.5A - 6.5A for D112654/D112703</p> <p>MS Protection Thermique 4.5A - 6.5A pour D112654/D112703 MS Thermoschutz 4.5A - 6.5A für D112654/D112703</p> | MS Part Number: 607859 Correlates: D262264MS |
| | <p>MS Contacto auxiliar MS Contact Auxiliary N/O</p> <p>MS Bloc contact auxiliaire MS Hilfskontakt</p> | MS Part Number: 607860 Correlates: D262266MS |
| | <p>MS Transformador 230/18V 6Va MS Transformer 230/18V 6Va</p> <p>MS Transformateur 230/18V 6Va MS Transformator 230/18V 6Va</p> | MS Part Number: 607869 Correlates: D262541MS |
| | <p>MS Membrana bomba de leche MS Flap Non Return Valve</p> <p>MS Clapet pompe à lait (D) MS Rückschlag-Ventil (M)</p> | MS Part Number: 608758 Correlates: G750252MS |



Milking Solutions Parts Catalogue

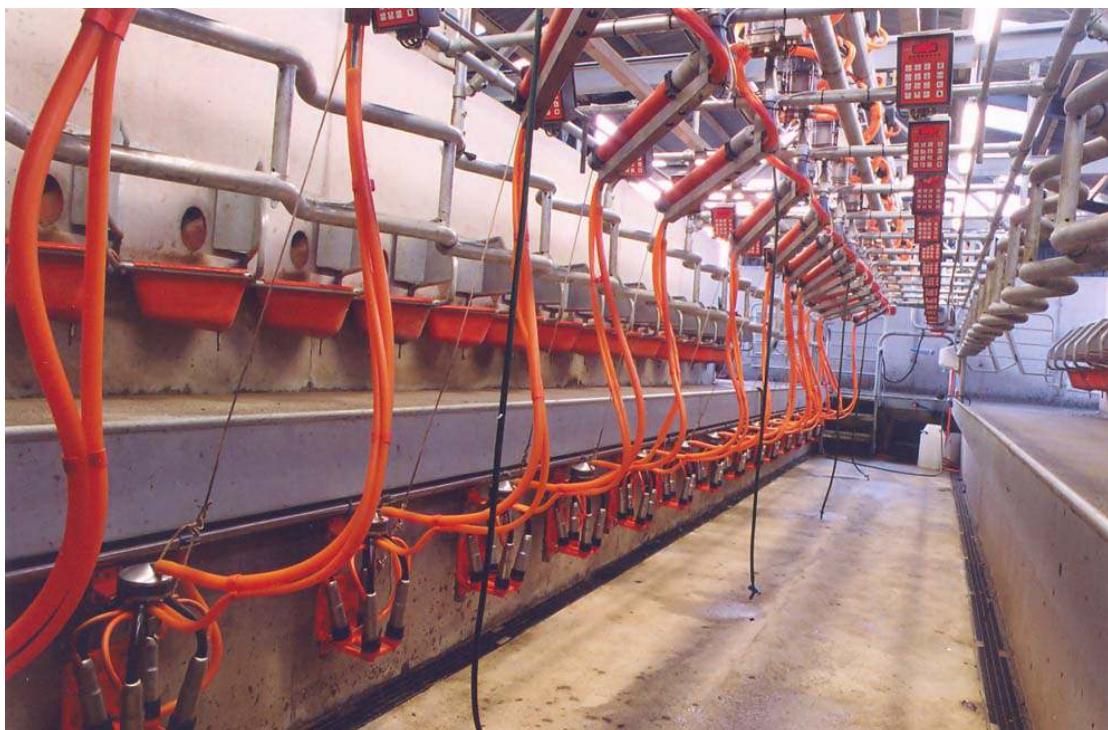
Sección E2

Bombas de leche y Componentes

| Image | Description | Code |
|-------|--|----------------------------------|
| | MS Junta 40 válvula de retención para D110024 MS Seal 40 Non Return Valve for D110024 | MS Part Number: 607755 |
| | MS Joint 10 pour D110024 | Correlates: |
| | MS Dichtung 40 für D110024 | D242179MS |



| Image | Description | Code |
|-------|--|----------------------------------|
| | <p>MS Paquete filtros de género 70 x 266 (100) MS Pack Filter Sock 70 x 266 (100)</p> | MS Part Number: 608330 |
| | <p>MS Ensemble Filtre chaussette en coton 70X266 (100) MS Sack Strumpffilter 200 aufgerauhte baumwolle 70x266 (100)</p> | Correlates: D700006MS |
| | <p>MS Paquete filtros de género 70 x 240 fibra de poliéster (100) MS Pack Filter Sock 70 x 240 polyester fiber (100)</p> | MS Part Number: 608331 |
| | <p>MS Boite Filtre chaussette en fibre de polyester 70X240 (100) MS Sack Strumpffilter 200 extra kräftig Polyesterfaser 70x240 (100)</p> | Correlates: D700007MS |
| | <p>MS Paquete filtros de género 620mm x 58mm 80g/m² (200) MS Pack Filter Sock 620mm x 58mm 80g/m² (200)</p> | MS Part Number: 608332 |
| | <p>MS Ensemble Filtre chaussette 620mm x 58mm 80g/m² (200) MS Sack Strumpffilter 620mm x 58mm 80g/m² (200)</p> | Correlates: D700018MS |
| | <p>MS Paquete filtros de género 80g/m² 400 x 58mm (200) MS Pack Filter Sock 80g/m² 400 x 58mm (200)</p> | MS Part Number: 506959 |
| | <p>MS Boite filtre chaussette 80g/m² 400 x 58mm (200) MS Sack Strumpffilter 80g/m² 400 x 58mm (200)</p> | Correlates: D700019MS |
| | <p>MS Paquete filtros de género 120g/m² 620 x 58mm (100) MS Pack Filter Sock 120g/m² 620 x 58mm (100)</p> | MS Part Number: 608333 |
| | <p>MS Boite filtre chaussette 120g/m² 620 x 58mm (100) MS Sack Strumpffilter 120g/m² 620 x 58mm (100)</p> | Correlates: D700020MS |
| | <p>MS Paquete filtros de género 120g/m² 400 x 58mm (100) MS Pack Filter Sock 120g/m² 400 x 58mm (100)</p> | MS Part Number: 608334 |
| | <p>MS Boite filtre chaussette 120g/m² 400 x 58mm (100) MS Sack Strumpffilter 120g/m² 400 x 58mm (100)</p> | Correlates: D700021MS |
| | <p>MS Paquette filtro de género Ultra Flow 530 x 63mm (100) MS Pack Filter Socks Ultra Flow 530 x 63mm (100)</p> | MS Part Number: 608486 |
| | <p>MS Ensemble Filtre Chaussette Ultra Flow 530 x 63mm (100) MS Sack Strumpffilter Ultra Flow 530 x 63mm (100)</p> | Correlates: DC44AK |

 **Fittings & Tubes** **Raccords & Tuyaux** **Einzelteile aus Gummi** **Rubberdelen** **Accesorios y Tuberías**



Milking Solutions Parts Catalogue

Sección F1

Accesorios de Caucho y de Silicona

| Image | Description | Code |
|-------|--|---|
| | <p>MS Tapón negro 13mm toma de drenaje MS Cap 13mm Drain Nozzle Black</p> <p>MS Bouchon noir 13mm MS Kappe 13mm Schwarz</p> | MS Part Number: 607946 Correlates: D381172MS |
| | <p>MS Tapón de caucho 32mm MS End Cap 32mm Rubber</p> <p>MS Bouchon en caoutchouc 32mm MS Endkappe gummi 32mm</p> | MS Part Number: 607967 Correlates: D381589MS |
| | <p>MS Tapón de caucho 40mm MS End Cap 40mm Rubber</p> <p>MS Bouchon en Caoutchouc 40mm MS EndkappeGummi 40mm</p> | MS Part Number: 607968 Correlates: D381590MS |
| | <p>MS Tapón de caucho 48mm de diámetro MS End Cap 48 Rubber</p> <p>MS Bouchon en caoutchouc 48 MS Endkappe Gummi 48</p> | MS Part Number: 607970 Correlates: D381595MS |
| | <p>MS Tapón negro Ø 40 + tetina 16mm MS Cap 40 + Nipple 16mm Black</p> <p>MS Bouchon noir Ø 40 avec Nippel 16mm MS Schwarz Endkappe Ø 40 mit Stutzen 16mm</p> | MS Part Number: 607945 Correlates: D381113MS |
| | <p>MS Tapón de caucho 50mm + tetina 16mm MS End Cap 50mm Rubber + Nipple 16mm</p> <p>MS Embout 50mm + tétine en caoutchouc 16mm (M) MS Endkappe 50mm Gummi + Nippel 16mm (M)</p> | MS Part Number: 608513 Correlates: DC71AK |
| | <p>MS Manguito de caucho Ø32mm MS Connector 32mm Rubber</p> <p>MS Manchon en Caoutchouc Ø32mm MS Kupplung Ø32mm gummi</p> | MS Part Number: 607965 Correlates: D381585MS |
| | <p>MS Manguito de caucho Ø40mm MS Connector 40mm Rubber</p> <p>MS Manchon en Caoutchouc Ø40mm MS Kupplung Ø40mm gummi</p> | MS Part Number: 607963 Correlates: D381580MS |
| | <p>MS Manguito de caucho 50 x 50mm MS Connector Rubber 50mm x 50mm</p> <p>MS Manchon en caoutchouc Ø50mm MS Kupplung Ø50mm gummi</p> | MS Part Number: 607954 Correlates: D381422MS |



Milking Solutions Parts Catalogue

Sección F1

Accesorios de Caucho y de Silicona

| Image | Description | Code |
|-------|---|---|
| | <p>MS Manguito de caucho 60 x 60 x 110mm de diámetro Bulboso</p> <p>MS Connector 60 x 60 x 110mm long Rubber Bulbous</p> <p>MS Manchon en caoutchouc 60 x 60 x 110mm</p> <p>MS Kupplung 60 x 60 x 110mm Gummi</p> | MS Part Number: 607951 Correlates: D381411MS |
| | <p>MS Manguito 79 x 79 de caucho</p> <p>MS Connector 76 x 76mm Rubber</p> <p>MS Manchon 76 x 76 caoutchouc</p> <p>MS Kupplung 76 x 76 gummi</p> | MS Part Number: 607972 Correlates: D381601MS |
| | <p>MS Manguito de caucho 90 x 90mm</p> <p>MS Connector 90 x 90 Rubber</p> <p>MS Manchon en caoutchouc 90 x 90</p> <p>MS Kupplung 90 X 90 Gummi</p> | MS Part Number: 607973 Correlates: D381602MS |
| | <p>MS Manguito de reducción de caucho 22 x 17mm</p> <p>MS Connector Reducing 22 x 17mm Rubber</p> <p>MS Manchon réducteur en caoutchouc 22 x 17mm</p> <p>MS Verkleinerungskupplung Gummi 22 x 17mm</p> | MS Part Number: 607969 Correlates: D381593MS |
| | <p>MS Manguito de reducción de caucho 40 x 32mm</p> <p>MS Connector Reducing 40 x 32</p> <p>MS Manchon réduit en caoutchouc 40 x 32</p> <p>MS Verkleinerungskupplung 40 x 32 gummi</p> | MS Part Number: 607962 Correlates: D381579MS |
| | <p>MS Manguito de reducción de caucho 50 x 40mm</p> <p>MS Connector Reducing 50 x 40mm Rubber</p> <p>MS Manchon réduit en caoutchouc 50 x 40mm</p> <p>MS Verkleinerungskupplung 50 x 40mm gummi</p> | MS Part Number: 607964 Correlates: D381584MS |
| | <p>MS Manguito de reducción de caucho 90 x 76mm</p> <p>MS Connector Reducing 90 x 76 Rubber</p> <p>MS Manchon réduit en caoutchouc 90 x 76</p> <p>MS Verkleinerungskupplung Gummi 90 x 76</p> | MS Part Number: 607974 Correlates: D381603MS |
| | <p>MS Válvula mariposa de goma 32mm</p> <p>MS Butterfly Valve 32mm Rubber</p> <p>MS Vanne papillon en caoutchouc 32mm</p> <p>MS Einheit Flügelventil Gummi 32mm</p> | MS Part Number: 608369 Correlates: D700217MS |
| | <p>MS Manguito para llave de goma de dos vías para D700217MS</p> <p>MS Body Only Butterfly 32mm rubber for D700217MS</p> <p>MS Manchon Ø32 pour Butterfly valve caoutchouc pour D700217MS</p> <p>MS Flügelventil-Kupplung 32 x 32 gummi für D700217MS</p> | MS Part Number: 607966 Correlates: D381586MS |



Milking Solutions Parts Catalogue

Sección F1

Accesorios de Cauchó y de Silicona

| Image | Description | Code |
|-------|--|---|
| | ■ MS Llave de goma de dos vías 40mm ■ MS Butterfly Valve 40mm rubber ■ MS Vanne papillon en caoutchouc 40mm ■ MS Einheit Flügelventil gummi 40mm | MS Part Number: 608308 Correlates: D500000MS |
| | ■ MS Llave de goma de dos vías 51mm ■ MS Butterfly Valve 51mm rubber ■ MS Vanne papillon en caoutchouc 51mm ■ MS Einheit Flügelventil gummi 51mm | MS Part Number: 608310 Correlates: D500005MS |
| | ■ MS Codo de caucho 32 x 32mm ■ MS Elbow 32 x 32mm Rubber ■ MS coude en caoutchouc 32 x 32mm ■ MS Knie 32 x 32mm Gummi | MS Part Number: 607975 Correlates: D381660MS |
| | ■ MS Codo de caucho 40 x 40mm ■ MS Elbow 40mm Rubber ■ MS Coude en caoutchouc 40 x 40 ■ MS Knie 40 x 40 Gummi | MS Part Number: 608757 Correlates: G750206MS |
| | ■ MS Codo de caucho 50 x 50mm ■ MS Elbow 50 x 50mm Rubber ■ MS Coude en caoutchouc 50 x 50mm ■ MS Knie 50 x 50mm Gummi | MS Part Number: 607977 Correlates: D381664MS |
| | ■ MS Codo reductor 50 x 40mm Caucho ■ MS Elbow reducing 50 x 40mm Rubber ■ MS Coude réducteur 50 x 40mm Caoutchouc ■ MS Gummiverkleinerungsknie 50 x 40mm | MS Part Number: 612478 Correlates: DC99AK |
| | ■ MS Codo de reducción 40 x 32mm caucho ■ MS Elbow Reducing 40 x 32mm rubber ■ MS Coude Réduit caoutchouc 40 x 32mm ■ MS Verkleinerungsknie 40 x 32mm gummi | MS Part Number: 608756 Correlates: G750205MS |
| | ■ MS Codo de caucho 16mm ■ MS Bend 16mm Rubber ■ MS Coude grand rayon 16mm caoutchouc ■ MS Bogen 16mm Gummi | MS Part Number: 607980 Correlates: D381668MS |
| | ■ MS Curva de caucho 32 x 32mm Easy Long ■ MS Bend 32 x 32mm Easy Long Rubber ■ MS Coude en caoutchouc 32 x 32 Easy long ■ MS Bogen gummi 32 x 32mm Easy Long | MS Part Number: 608498 Correlates: DC56AK |



Milking Solutions Parts Catalogue

Sección F1

Accesorios de Caucho y de Silicona

| Image | Description | Code |
|-------|---|---|
| | MS Codo de caucho 40 x 40mm MS Bend 40 x 40mm Rubber MS Coude grand rayon 40 x 40mm caoutchouc MS Bogen 40 x 40mm gummi | MS Part Number: 607958 Correlates: D381501MS |
| | MS Codo de caucho 50 x 50mm MS Bend 50 x 50 rubber MS Coude grand rayon 50 x 50 caoutchouc MS Bogen 50 X 50 Gummi | MS Part Number: 607959 Correlates: D381503MS |
| | MS Codo de reducción 40 x 32 caucho MS Bend Reducing 40 x 32 rubber MS Coude réduit grand rayon en caoutchouc 40 x 32 MS Verkleinerungsbogen 40 x 32 Gummi | MS Part Number: 607960 Correlates: D381505MS |
| | MS "T" encajable de caucho 32 x 32 x 32 MS Tee Equal 32mm rubber MS Té en caoutchouc 32 x 32 x 32 MS T-Stück 32 x 32 x 32 Gummi | MS Part Number: 608047 Correlates: D382792MS |
| | MS "T" encajable de caucho 50mm MS Tee Equal 50mm Rubber MS Té égal 50mm Caoutchouc MS Gummi T-Stück Gleichseitig 50mm | MS Part Number: 612479 Correlates: D382797MS |
| | MS "T" 40mm de caucho Nitrito MS Tee Equal 40mm Nitrile rubber MS Té caoutchouc 40mm Nitrile MS T-Stück 40mm Nitrile gummi | MS Part Number: 608390 Correlates: D700420MS |
| | MS "T" sin válvula mariposa perforado de caucho 40 x 40 x 40 MS Tee Valve 40 x 40 x 40mm Without Valve Drilled rubber MS Té papillon Valve percé en caoutchouc 40 x 40 x 40 MS Ventil T-Stück Gebohrt Gummi 40 x 40 x 40 | MS Part Number: 608049 Correlates: D382795MS |
| | MS Manifold invertido de caucho 146-73 MS Manifold Machined Inverted rubber 146-73 MS Manifold usine en caoutchouc 146-73 MS Bearbeiteter Verteiler Gummi 146-73 | MS Part Number: 607995 Correlates: D381979MS |
| | MS Colector para Sheerway 32mm MS Manifold Eye Level for Sheerway 32mm MS Manifold pour Sheerway 32mm MS Verteiler für Sheerway 32mm | MS Part Number: 608759 Correlates: G750553MS |



Milking Solutions Parts Catalogue

Sección F1

Accesorios de Caugo y de Silicona

| Image | Description | Code |
|-------|--|---|
| | MS Tubo "Y" de caucho 8.5mm x 6mm x 6mm MS Y Tube Rubber 8.5mm x 6mm x 6mm MS Tuyau en Y en caoutchouc 8.5mm x 6mm x 6mm MS Y Stück Gummi 8.5mm x 6mm x 6mm | MS Part Number: 608053 Correlates: D382948MS |
| | MS Válvula de drenaje (1) (D255028MS) MS Drain Valve Single (D255028MS) Duck Bill MS Purgeur en caoutchouc (1) (D255028MS) MS Gummi Dränageventil (1) (D255028MS) | MS Part Number: 607944 Correlates: D381095MS |
| | MS Paquete Válvula de drenaje (5) MS Pack Drain Valve Duck Bill (5) MS Sachet de 5 Purgeurs (D) MS Dränageventil (5) (D) | MS Part Number: 607793 Correlates: D255028MS |
| | MS Tapón de silicona 40mm MS End Cap 40mm Silicone MS Bouchon en Silicone 40mm MS Silikonendkappe 40mm | MS Part Number: 608398 Correlates: D700428MS |
| | MS Manguito de silicona 32 x 32mm MS Connector 32 x 32 Silicone MS Manchon silicone 32 x 32mm MS Kupplung 32 x 32mm Silikon | MS Part Number: 608374 Correlates: D700404MS |
| | MS Manguito de protección de silicona para tubo 14mm MS Sleeve Protection Silicone for 14mm Tube MS Raccord de Protection en Silicone 14mm pour tuyau (M) MS Silikon-Hülle Schutz 14mm für Rohr (M) | MS Part Number: 608392 Correlates: D700422MS |
| | MS Manguito de protección de silicona para tubo 16mm MS Sleeve Protection Silicone for 16mm Tube MS Raccord de Protection en Silicone 16mm pour tuyau (M) MS Silikon-Hülle Schutz 16mm für Rohr (M) | MS Part Number: 608393 Correlates: D700423MS |
| | MS Manguito de silicona 40mm MS Connector 40mm Silicone MS Manchon en silicone 40mm MS Kupplung 40mm Silikon | MS Part Number: 608382 Correlates: D700412MS |
| | MS Manguito de silicona 50mm MS Connector 50mm Silicone MS Manchon en silicone 50mm MS Kupplung 50mm Silikon | MS Part Number: 608388 Correlates: D700418MS |



Milking Solutions Parts Catalogue

Sección F1

Accesorios de Caucho y de Silicona

| Image | Description | Code |
|-------|---|----------------------------------|
| | <p>MS Manguito de reducción de silicona 40x32mm MS Connector Reducing 40 x 32mm Silicone</p> | MS Part Number: 608383 |
| | <p>MS Manchon réduit en silicone 40x32mm MS Verkleinerkupplung 40 x 32mm Silikon</p> | Correlates: D700413MS |
| | <p>MS Manguito de reducción de silicona 50x40mm MS Connector Reducing 50 x 40mm Silicone</p> | MS Part Number: 608389 |
| | <p>MS Manchon réduit en silicone 50 x 40mm MS Verkleinerkupplung 50 x 40mm Silikon</p> | Correlates: D700419MS |
| | <p>MS Manguito de reducción 50 x 32mm de silicona MS Connector Reducing 50 x 32mm Silicone</p> | MS Part Number: 608408 |
| | <p>MS Manchon Réduit 50 x 32mm Silicone MS Verkleinerkupplung 50 x 32mm Silikon</p> | Correlates: D700440MS |
| | <p>MS Válvula mariposa de goma 32mm MS Butterfly Valve 32mm Silicone</p> | MS Part Number: 608378 |
| | <p>MS Vanne papillon en Silicone 32mm MS Einheit Flügelventil 32mm Silikon</p> | Correlates: D700408MS |
| | <p>MS Válvula mariposa de silicona 40mm MS Butterfly Valve Assy 40mm Silicone</p> | MS Part Number: 608387 |
| | <p>MS Vanne papillon en Silicone 40mm MS EinheitFlügelventil 40mm Silikon</p> | Correlates: D700417MS |
| | <p>MS Codo de silicona 32 x 32mm MS Elbow 32 x 32mm Silicone</p> | MS Part Number: 608372 |
| | <p>MS Coude en silicone 32 x 32mm MS Knie 32 x 32mm Silikon</p> | Correlates: D700401MS |
| | <p>MS Codo de silicona 40mm MS Elbow 40mm Silicone</p> | MS Part Number: 608380 |
| | <p>MS Coude en Silicone 40mm (M) MS Knie 40mm Silikon (M)</p> | Correlates: D700410MS |
| | <p>MS Codo radio largo de silicona 50 x 50mm MS Elbow Radius 50 x 50mm Silicone</p> | MS Part Number: 608404 |
| | <p>MS Coude Grand Rayon en silicone 50 x 50mm (M) MS Bogen Länge Radius 50 x 50mm Silikon (M)</p> | Correlates: D700436MS |
| | <p>MS Codo de reducción radio largo de silicona 32 x 22mm MS Elbow Reducing 32mm x 22mm Silicone</p> | MS Part Number: 608402 |
| | <p>MS Coude réduit Grand rayon en silicone 32 x 22mm (M) MS Verkleinerungsbogen 32 x 22mm Silikon (M)</p> | Correlates: D700433MS |



Milking Solutions Parts Catalogue

Sección F1

Accesorios de CaUCHO y de Silicona

| Image | Description | Code |
|-------|---|---|
| | <p>MS Codo de reducción de silicona 40 x 32mm MS Elbow Reducing 40mm x 32mm Silicone MS Coude réduit en silicone 40 x 32mm (M) MS Verkleinerungsknie 40 x 32mm Silikon (M)</p> | MS Part Number: 608403 Correlates: D700435MS |
| | <p>MS Codo de reducción de silicona 50 x 40mm MS Elbow Reducing 50 x 40mm Silicone MS Coude réduit en silicone 50 x 40mm (M) MS Verkleinerungsknie 50 x 40mm Silikon (M)</p> | MS Part Number: 612461 Correlates: D700443MS |
| | <p>MS Curva cola larga de silicona 19mm x 6in MS Bend Long Tailed 19mm x 6 inches silicone MS Coude à longue queue en Silicone 19mm x 6in (M) MS Knie Lang Schwanz 19mm x 6in Silikon (M)</p> | MS Part Number: 608407 Correlates: D700439MS |
| | <p>MS Curva de silicona cola larga 14mm x 6in MS Bend Silicone Long Tailed 14mm x 6 inches MS Coude en silicone 14mm x 6" (M) MS Bogen Silicone 14mm x 6in (M)</p> | MS Part Number: 608409 Correlates: D700441MS |
| | <p>MS Codo radio largo de silicona 32 x 32mm MS Bend Long Radius 32 x 32 Silicone MS Coude grand rayon en Silicone 32 x 32mm (D) MS Bogen Länge Radius 32 x 32mm Silicone (M)</p> | MS Part Number: 608373 Correlates: D700403MS |
| | <p>MS Curva radio largo de silicona 40 x 40mm MS Bend Long Radius 40 x 40mm Silicone MS Coude grand rayon en silicone 40 x 40mm (D) MS Bogen Länge Radius 40 x 40mm Silikon (M)</p> | MS Part Number: 608381 Correlates: D700411MS |
| | <p>MS Curva de reducción radio largo de silicona 40 x 32mm MS Bend Reducing 40 x 32mm Silicone MS Coude réduit grand rayon en Silicone 40 x 32mm (M) MS Verkleinerungsbogen 40 x 32mm Silikon (M)</p> | MS Part Number: 608386 Correlates: D700416MS |
| | <p>MS "T" de silicona 32mm MS Tee Equal 32 Silicone MS Té en Silicone 32mm MS T-Stück 32mm Silikon</p> | MS Part Number: 608371 Correlates: D700400MS |
| | <p>MS "T" de silicona 40mm MS Tee Equal 40mm Silicone MS Té en Silicone 40mm MS T-Stück 40mm Silikon</p> | MS Part Number: 608379 Correlates: D700409MS |



Milking Solutions Parts Catalogue

Sección F1

Accesorios de Caucho y de Silicona

| Image | Description | Code |
|-------|---|---|
| | <p>MS "T" encajable 50mm de silicona MS Silicone Tee Equal 50mm MS Té en Silicone 50mm MS T-Stück 50mm Silikon</p> | MS Part Number: 608406 Correlates: D700438MS |
| | <p>MS "T" de reducción de silicona 22 x 32 x 29mm MS Tee Swept Reducer & Tap 22 x 32 x 29mm Silicone MS Té coude réduit & Robinet en Silicone 22 x 32 x 29mm (M) MS T-Stück Verkleinerungsbogen und Silikon Hahn 22 x 32 x 29mm (M)</p> | MS Part Number: 608400 Correlates: D700430MS |
| | <p>MS Bola colector tarro y reductor de silicona 32mm MS Jar Manifold Ball & Reducer Assy 32mm Silicone MS Bocal collecteur balle & réducteur en Silicone 32mm (M) MS Jar verteiler ball & Silikon Reducer 32mm (M)</p> | MS Part Number: 608377 Correlates: D700407MS |
| | <p>MS Bola colector tarro y reductor de silicona 40mm MS Jar Manifold Ball & Reducing Assy 40mm Silicone MS Assemblage bocal balle manifold & Reducteur 40mm en Silicone (M) MS Jar verteiler ball & Silikon Reducer 40mm (M)</p> | MS Part Number: 608385 Correlates: D700415MS |
| | <p>MS "T" de silicona 32 x 32 x 32mm MS Tee Swept 32 x 32 x 32 Silicone MS Té coude en silicone 32 x 32 x 32mm (D) MS T-Stück Bogen 32 x 32 x 32mm Silikon (M)</p> | MS Part Number: 608375 Correlates: D700405MS |
| | <p>MS "T" de reducción de silicona 32 x 32 x 26mm MS Tee Swept Reducing 32 x 32 x 26 Silicone MS Té coude réduit en Silicone 32 x 32 x 26mm (D) MS T-Stück Verkleinern 32 x 32 x 26mm Silikon (M)</p> | MS Part Number: 608376 Correlates: D700406MS |
| | <p>MS "T" de reducción de silicona 32 x 40 x 26mm MS Tee Swept Reducing 32 x 40 x 26mm Silicone MS Té coude réduit en silicone 32 x 40 x 26mm (M) MS Verkleinerndes T-Stück 32 x 40 x 26mm Silikon (M)</p> | MS Part Number: 608384 Correlates: D700414MS |
| | <p>MS "T" de silicona 32mm con toma 16mm MS Tee Equal 32mm with 16mm Nipple Silicone MS Té en silicone 32mm avec buse 16mm (M) MS T-Stück 32mm mit 16mm Nippel Silikon (M)</p> | MS Part Number: 608405 Correlates: D700437MS |
| | <p>MS "T" de reducción de silicona 40 x 40 x 32mm MS Tee Reducing 40mm x 40mm x 32mm Silicone MS Té réduit en Silicone 40 x 40 x 32mm MS Verkleinerndes T-Stück 40 x 40 x 32mm Silikon</p> | MS Part Number: 608399 Correlates: D700429MS |



Milking Solutions Parts Catalogue

Sección F2

Tuberías de Caucho y de Silicona

| Image | Description | Code |
|-------|---|---|
| | ■ MS Tubo de caucho 6.4mm x 13mm x 20m ■ MS Pack Rubber Tube id6.4mm x od13mm x 20m ■ MS Rouleau tuyau en Caoutchouc 6.4mm x 13mm x 20m ■ MS Sack Schlauch gummi 6.4mm x 13mm x 20m | MS Part Number: 608214 Correlates: D492040MS |
| | ■ MS Tubo de caucho 8mm x 16mm x 20m ■ MS Pack Rubber Tube Id8 x Od16 x 20m ■ MS Rouleau Tuyau e caoutchouc 8mm x 16mm x 20m ■ MS Sack Schlauch gummi 8mm x 16mm x 20m | MS Part Number: 608215 Correlates: D492042MS |
| | ■ MS Rollo tubo doble de caucho 8x16x20 ■ MS Pack Rubber Twin Tube Id8 x Od16 x 20m ■ MS Rouleau tuyau jumelé en caoutchouc 8mm X 16mm X 20m ■ MS Sack Doppelschlauch gummi 8mm X 16mm X 20m | MS Part Number: 608229 Correlates: D492206MS |
| | ■ MS Tubo de caucho 13mm x 24mm x 20m ■ MS Pack Rubber Tube 13mm x 24mm x 20m ■ MS Rouleau Tuyau en caoutchouc 13mm x 24mm x 20m ■ MS Sack Schlauch gummi 13mm x 24mm x 20m | MS Part Number: 608216 Correlates: D492046MS |
| | ■ MS Tubo de caucho 14mm x 25mm x 20m ■ MS Pack Rubber Tube Id14 x Od25 x 20m ■ MS Rouleau Tuyau en caoutchouc 14mm x 25mm x 20m ■ MS Sack Schlauch gummi 14mm x 25mm x 20m | MS Part Number: 608217 Correlates: D492048MS |
| | ■ MS Tubo de caucho 15.5mm x 26.5mm x 20m ■ MS Pack Rubber Tube 15.5 x 26.5 x 20m ■ MS Rouleau Tuyau en caoutchouc 15.5mm x 26.5mm x 20m ■ MS Sack Schlauch gummi15.5mm x 26.5mm x 20m | MS Part Number: 608220 Correlates: D492164MS |
| | ■ MS Tubo de caucho 19mm x 33mm x 10m ■ MS Pack Rubber Tube Id19 x Od33 x 10m ■ MS Rouleau Tuyau en caoutchouc 19mm x 33mm x 10m ■ MS Sack Schlauch gummi 19mm x 33mm x 10m | MS Part Number: 608219 Correlates: D492052MS |
| | ■ MS Tubo de silicona claro 6mm x 12mm x 20m ■ MS Pack Silicone Tube 6 x 12 x 20m Clear ■ MS Tuyau en Silicone Clair 6mm x 12mm x 20m ■ MS Sack Silikonschlauch 6mm x 12mm x 20m hell | MS Part Number: 608254 Correlates: D492264MS |
| | ■ MS Tubo de silicona naranja 6mm x 12mm x 20m ■ MS Pack Silicone Tube 6 x 12 x 20m Orange ■ MS Tuyau en Silicone Orange 6mm x 12mm x 20m ■ MS Sack Silikonschlauch 6mm x 12mm x 20m orange | MS Part Number: 608255 Correlates: D492264ORANGE |

Tuberías de Caucho y de Silicona



Milking Solutions Parts Catalogue

Sección F2

Tuberías de Cauchó y de Silicona

| Image | Description | Code |
|-------|---|---|
| | ■ MS Tubo de silicona tubo doble 7 x 14 x 20m ■ MS Pack Silicone Tube Twin 7mm x 14mm x 20m ■ MS Rouleau Tuyau en Silicone 7 x 14 x 20m ■ MS Silicium-Doppelschlauch 7 x 14 x 20m | MS Part Number: 608246 Correlates: D492233MS |
| | ■ MS Tubo de silicona claro 8mm x 16mm x 20m ■ MS Pack Silicone Tube 8 x 16 x 20m Clear ■ MS Rouleau Tuyau en Silicone Clair 8mm x 16mm x 20m ■ MS Sack Siliciumschlauch 8mm x 16mm x 20m hell | MS Part Number: 608238 Correlates: D492228MS |
| | ■ MS Tubo de silicona naranja 8mm x 16mm x 20m ■ MS Pack Silicone Tube 8 x 16 x 20m Orange ■ MS Rouleau Tuyau en Silicone orange 8mm x 16mm x 20m ■ MS Sack Siliciumschlauch orange 8mm x 16mm x 20m | MS Part Number: 608239 Correlates: D492228ORANGE |
| | ■ MS Tubo de silicona claro 8mm x 16mm x 20m ■ MS Pack Silicone Tube Twin 8 x 16 x 20m Clear ■ MS Rouleau Tuyau en Silicone Clair 8mm x 16mm x 20m ■ MS Sack Silicium-doppelschlauch 8mm x 16mm x 20m hell | MS Part Number: 608251 Correlates: D492243MS |
| | ■ MS Tubo de silicona naranja 8mm x 16mm x 20m ■ MS Pack Silicone Tube Twin 8 x 16 x 20m Orange ■ MS Rouleau Tuyau en Silicone orange 8mm x 16mm x 20m ■ MS Sack Silicium-Doppelschlauch 8mm x 16mm x 20m Orange | MS Part Number: 608252 Correlates: D492243ORANGE |
| | ■ MS Tubo de silicona claro 14mm x 24mm x 20m ■ MS Pack Silicone Tube 14 x 24 x 20m Clear ■ MS Rouleau Tuyau en Silicone Clair 14mm x 24mm x 20m ■ MS Sack Siliciumschlauch 14mm x 24mm x 20m hell | MS Part Number: 608240 Correlates: D492230MS |
| | ■ MS Tubo de silicona naranja 14mm x 24mm x 20m ■ MS Pack Silicone Tube 14 x 24 x 20m Orange ■ MS Rouleau Tuyau en Silicone orange 14mm x 24mm x 20m ■ MS Sack Siliciumschlauch 14mm x 24mm x 20m orange | MS Part Number: 608241 Correlates: D492230ORANGE |
| | ■ MS Tubo de silicona claro 15.5mm x 27mm x 20m ■ MS Pack Silicone Tube 15.5 x 27 x 20m Clear ■ MS Rouleau Tuyau en Silicone Clair 15.5mm x 27mm x 20m ■ MS Sack Siliciumschlauch 15.5mm x 27mm x 20m hell | MS Part Number: 608242 Correlates: D492231MS |
| | ■ MS Tubo de silicona naranja 15.5mm x 27mm x 20m ■ MS Pack Silicone Tube 15.5 x 27 x 20m Orange ■ MS Rouleau Tuyau en Silicone orange 15.5mm x 27mm x 20m ■ MS Sack Siliciumschlauch 15.5mm x 27mm x 20m orange | MS Part Number: 608243 Correlates: D492231ORANGE |

Tuberías de Cauchó y de Silicona



Milking Solutions Parts Catalogue

Sección F2

Tuberías de Cauchó y de Silicona

| Image | Description | Code |
|-------|--|---|
| | ■ MS Tubo de silicona claro 19mm x 31mm x 10m ■ MS Pack Silicone 19 x 31 x 10m Clear ■ MS Rouleau Tuyau en Silicone Clair 19mm x 31mm x 10m ■ MS Sack Siliciumschlauch 19mm x 31mm x 10m hell | MS Part Number: 608244 Correlates: D492232MS |
| | ■ MS Tubo de silicona naranja 19mm x 31mm x 10m ■ MS Pack Silicone Tube 19 x 31 x 10m Orange ■ MS Rouleau Tuyau en Silicone orange 19mm x 31mm x 10m ■ MS Sack Siliciumschlauch 19mm x 31mm x 10m orange | MS Part Number: 608245 Correlates: D492232ORANGE |
| | ■ MS Podadera economico ■ MS Shears Economy ■ MS Sécateur orange (Petit) ■ MS Orange Rohrscheren (Klein) | MS Part Number: 607593 Correlates: D119460MS |
| | ■ MS Podadera naranja (largo) ■ MS Shears Heavy Tube Orange ■ MS Sécateur Orange (Grand) ■ MS Orange Rohrscheren (Groß) | MS Part Number: 607594 Correlates: D119461MS |
| | ■ MS Manguito de protección de silicona para tubo 14mm ■ MS Sleeve Protection Silicone for 14mm Tube ■ MS Raccord de Protection en Silicone 14mm pour tuyau (M) ■ MS Silikon-Hülle Schutz 14mm für Rohr (M) | MS Part Number: 608392 Correlates: D700422MS |
| | ■ MS Manguito de protección de silicona para tubo 16mm ■ MS Sleeve Protection Silicone for 16mm Tube ■ MS Raccord de Protection en Silicone 16mm pour tuyau (M) ■ MS Silikon-Hülle Schutz 16mm für Rohr (M) | MS Part Number: 608393 Correlates: D700423MS |
| | ■ MS Tubo de silicona 42mm x 28mm x 1m ■ MS Tube Silicone od42mm x id28mm x 1m ■ MS Tuyau en Silicone 42mm x 28mm x 1m ■ MS Silikon-Schlauch 42mm x 28mm x 1m | MS Part Number: 608394 Correlates: D700424MS |
| | ■ MS Tubo de silicona 52mm x 38mm x 2m ■ MS Tube Silicone od52mm x id38mm x 2m ■ MS Tuyau en Silicone 52mm x 38mm x 2m ■ MS Silikon-Schlauch 52mm x 38mm x 2m | MS Part Number: 608395 Correlates: D700425MS |
| | ■ MS Tubo de silicona 61mm x 47mm x 1m ■ MS Tube Silicone od61mm x id47mm x 1m ■ MS Tuyau en silicone 61mm x 47mm x 1m ■ MS Silikonschlauch 61mm x 47mm x 1m | MS Part Number: 612425 Correlates: D700442MS |



Milking Solutions Parts Catalogue

Sección F2

Tuberías de Cauchó y de Silicona

| Image | Description | Code |
|-------|--|------------------------------------|
| | <p>MS Tubo de aire corto PVC gris 6 x 210mm MS Air Tube Short id6 x 210mm PVC Grey</p> | MS Part Number: 608134 |
| | <p>MS Tuyau air court PVC en Gris 6 x 210mm MS Kurzer Pulsschlauch PVC Grau 6 x 210mm</p> | Correlates: D385818GRYMS |
| | <p>MS Tubo de aire corto PVC naranja MS Air Tube Short Orange PVC</p> | MS Part Number: 608135 |
| | <p>MS Tuyau air court PVC orange MS Kurzer Pulsschlauch PVC orange</p> | Correlates: D385818MS |
| | <p>MS Paquete de tubos de aire corto de silicona 7mm x 224mm (12) MS Pack Short Air Tube id 7mm x 224mm Silicone (12)</p> | MS Part Number: 608396 |
| | <p>MS Sachet de 12 tuyaux air court en Silicone 7mm x 224mm MS Kurzer Pulsschlauch Sack 7mm x 224mm Silikon (12)</p> | Correlates: D700426X12MS |
| | <p>MS Paquete de tubos de aire corto de silicona 7mm x 267mm (12) MS Pack Short Air Tube id7mm x 267mm Silicone (12)</p> | MS Part Number: 608397 |
| | <p>MS Sachet de 12 tuyaux air court en Silicone 7mm x 267mm MS Kurzer Pulsschlauch Sack 7mm x 267mm Silikon (12)</p> | Correlates: D700427X12MS |
| | <p>MS Tubito corto de leche en Silicona 8mm x 16mm x 300mm MS Tube 8 x 16 x 300mm Silicone</p> | MS Part Number: 608167 |
| | <p>MS Tuyau court à lait en Silicone 8mm x 16mm x 300mm MS Rohr Silicone 8mm x 16mm x 300mm</p> | Correlates: D391538SMS |
| | <p>MS Tubo de pulsación en silicona 6mm x 13mm x 340mm MS Tube 6 x 13 x 340mm Silicone</p> | MS Part Number: 608168 |
| | <p>MS Tuyau de pulsation en silicone 6mm x 13mm x 340mm MS Rohr Silicone 6mm x 13mm x 340mm</p> | Correlates: D391539SMS |



Milking Solutions Parts Catalogue

Sección F3

Accesorios de PVC y Tuberías

| Image | Description | Code |
|-------|--|---|
| | <p>MS Tubo PVC 63mm Naranja (m). Solo 5 metros largo MS uPVC Tube 63mm Orange (per m) 5 meter lengths only MS Tube uPVC orange 63mm (au mètre) seulement 5 mètres de long MS uPVC Orange Schlauch 63 mm (pro Meter) allein 5 Meter lang</p> | MS Part Number: 607530 Correlates: A761063ORANGE |
| | <p>MS Tubo PVC 90mm Gris (m). Solo 5 metros largo MS uPVC Tube 90mm Grey (per m) only 5 meter only MS Tube uPVC gris 90mm (au mètre) seulement 5 mètres de long MS uPVC Grau Schlauch 90mm (pro Meter) allein 5 Meter lang</p> | MS Part Number: 607531 Correlates: A761090MS |
| | <p>MS Tubo PVC 90mm Naranja (m) Solo 5 metros largo MS uPVC Tube 90mm Orange (per m) only 5 meter only MS Tube uPVC orange 90mm (au mètre) seulement 5 mètres de long MS uPVC Orange Schlauch 90mm (pro Meter) allein 5 Meter lang</p> | MS Part Number: 607532 Correlates: A761090ORANGE |
| | <p>MS Tubo PVC 100NB reforzado Heliflex naranja (m) MS Tube PVC Reinforced 100NB Heliflex Orange (m) MS Tube PVC flexible Heliflex orange 100NB (m) MS Schlauch PVC Drahtverstärkt elastisch Heliflex Orange 100NB (m)</p> | MS Part Number: 607537 Correlates: A762100MS |
| | <p>MS Codo uPVC de plástico gris 90mm 90° MS Elbow 90mm 90° uPVC Plastic Grey MS Coude uPVC plastique gris 90mm 90° MS Bogen 90mm 90°uPVC Plastik Grau</p> | MS Part Number: 608505 Correlates: DC63AK |
| | <p>MS Codo 90° 63mm uPVC Naranja MS Bend 90° 63mm uPVC Orange MS Coude femelle uPVC orange 63mm 90° MS Bogen Einfach 90° 63mm uPVC Orange</p> | MS Part Number: 607706 Correlates: D240782ORANGE |
| | <p>MS Codo 90° 90mm uPVC Gris MS Bend 90mm x 90° uPVC Grey MS Coude femelle 90° 90mm uPVC Gris MS Bogen Einfach 90° 90mm uPVC Grau</p> | MS Part Number: 607707 Correlates: D240784MS |
| | <p>MS Codo uPVC 90° 90mm Naranja MS Upvc 90mm Bend 90° Orange MS Coude femelle uPVC orange 90° 90mm MS Bogen Einfach 90° 90mm uPVC Orange</p> | MS Part Number: 607708 Correlates: D240784ORANGE |
| | <p>MS Codo uPVC 45° 63mm Naranja MS Upvc 63mm Bend 45° Orange MS Coude femelle uPVC orange 45° 63mm MS Bogen Einfach 45° 63mm uPVC Orange</p> | MS Part Number: 607709 Correlates: D240785ORANGE |



Milking Solutions Parts Catalogue

Sección F3

Accesorios de PVC y Tuberías

| Image | Description | Code |
|-------|---|---|
| | ■ MS Codo uPVC gris 90mm x 45° ■ MS Bend 90mm x 45° uPVC Grey ■ MS Coude femelle uPVC gris 90mm x 45° ■ MS Bogen Einfach 45° x 90mm uPVC Grau | MS Part Number: 607710 Correlates: D240787MS |
| | ■ MS Codo uPVC 90mm 45° Naranja ■ MS Upvc 90mm Bend 45° Orange ■ MS Coude femelle uPVC orange 90mm 45° ■ MS Bogen Einfach 45° 90mm uPVC Orange | MS Part Number: 607711 Correlates: D240787ORANGE |
| | ■ MS "T" uPVC naranja 63mm ■ MS uPVC 63mm Tee Orange ■ MS Té uPVC orange 63mm ■ MS T-Stück Gleichseitig uPVC 63 mm | MS Part Number: 607712 Correlates: D240788ORANGE |
| | ■ MS "T" uPVC gris 90mm ■ MS Tee 90mm uPVC Grey ■ MS Té uPVC gris 90mm ■ MS T-Stück Gleichseitig uPVC 90 mm Grau | MS Part Number: 607713 Correlates: D240790MS |
| | ■ MS "T" uPVC naranja 90mm ■ MS Upvc 90mm Tee Orange ■ MS Té uPVC orange 90mm ■ MS T-Stück Gleichseitig uPVC 90 mm Orange | MS Part Number: 607714 Correlates: D240790ORANGE |
| | ■ MS Tapón uPVC naranja 63mm ■ MS uPVC 63mm End Cap Orange ■ MS Bouchon uPVC orange 63mm ■ MS uPVC Endkappe Einfach 63 mm Orange | MS Part Number: 607715 Correlates: D240794ORANGE |
| | ■ MS Tapón uPVC gris 90mm ■ MS End Cap 90mm uPVC Grey ■ MS Bouchon uPVC gris 90mm ■ MS Endkappe Einfach 90mm uPVC Grau | MS Part Number: 607716 Correlates: D240796MS |
| | ■ MS Tapón uPVC naranja 90mm ■ MS Upvc 90mm End Cap Orange ■ MS Bouchon uPVC orange 90mm ■ MS Endkappe Einfach 90mm uPVC Orange | MS Part Number: 607717 Correlates: D240796ORANGE |
| | ■ MS Encaje uPVC 63mm naranja ■ MS Upvc 63mm Socket Orange ■ MS Manchon uPVC orange 63mm ■ MS uPVC Anschluss Einfach 63mm Orange | MS Part Number: 607718 Correlates: D240797ORANGE |



Milking Solutions Parts Catalogue

Sección F3

Accesorios de PVC y Tuberías

| Image | Description | Code |
|-------|---|---|
| | ■ MS Manguito uPVC gris 90mm ■ MS Socket 90mm uPVC Grey ■ MS Manchon uPVC gris 90mm ■ MS Anschluss Einfach 90mm uPVC Grau | MS Part Number: 607719 Correlates: D240799MS |
| | ■ MS Manguito uPVC naranja 90mm ■ MS Upvc 90mm Socket Orange ■ MS Manchon uPVC orange 90mm ■ MS Anschluss Einfach 90mm uPVC Orange | MS Part Number: 607720 Correlates: D240799ORANGE |
| | ■ MS Reducción uPVC 90 X 63mm naranja ■ MS Socket Reducer uPVC 90 x 63mm Orange ■ MS Manchon réduit uPVC orange 90 X 63mm ■ MS Anschluss reduzierend 90 X 63mm uPVC Orange | MS Part Number: 607731 Correlates: D240827ORANGE |
| | ■ MS Adaptador2" BSPx75mm Upvc Gris ■ MS Adaptor 2" BSPx75mm Upvc Grey ■ MS Adaptateur 2" BSPx75mm Upvc Gris ■ MS Adapter 2" BSPx75mm Upvc Grau | MS Part Number: 607721 Correlates: D240802MS |
| | ■ MS Reducción uPVC gris 90 X 75 ■ MS Bush Red 90 x 75 uPVCGrey ■ MS Réduction uPVC gris 90 X 75 ■ MS Reduziermuffe 90 x 75 uPVC grau | MS Part Number: 607722 Correlates: D240805MS |
| | ■ MS Reducción uPVC gris 90mm x 63mm ■ MS Bush Reducing 90mm x 63mm uPVC Grey ■ MS Réduction uPVC gris 90mm x 63mm ■ MS Reduziermuffe 90mm X 63mm uPVC Grau | MS Part Number: 607728 Correlates: D240814MS |
| | ■ MS Reducción 63 x 50mm Upvc Gris ■ MS Bush Reducing 63 x 50mm Grey ■ MS Réduction 63 x 50mm Upvc Gris ■ MS Reduziermuffe 63 x 50mm Upvc Grau | MS Part Number: 607732 Correlates: D240828MS |
| | ■ MS Niple 50mm x 40mm x 100mm Upvc gris ■ MS Nipple od50mm x id40mm x 100mm Upvc Grey ■ MS Embout 50mm x 40mm x 100mm Upvc gris ■ MS Nipel 50mm x 40mm x 100mm Upvc Grau | MS Part Number: 612426 Correlates: D390649MS |
| | ■ MS Válvula de Compuerta 63mm Valterra ■ MS Gate Valve 63mm Valterra ■ MS Vanne tiroir 63mm Valterra ■ MS Asperventil 63mm Valterra | MS Part Number: 607729 Correlates: D240825MS |



Milking Solutions Parts Catalogue

Sección F3
Accesorios de PVC y Tuberías

| Image | Description | Code |
|-------|---|---|
| | ■ MS Válvula de Compuerta 90mm Valterra ■ MS Gate Valve 90mm Valterra ■ MS Vanne tiroir 90mm Valterra ■ MS Asperventil 90mm Valterra | MS Part Number: 607734 Correlates: D240838MS |
| | ■ MS Llave 3 vías 40 Plástico ■ MS Valve 3 Way 40 Label Plastic ■ MS Vanne 3 voies 40 Plastique ■ MS Ventil 3 Weg 40 Plastik | MS Part Number: 607691 Correlates: D240255MS |
| | ■ MS Llave 3 vias 51 plasticó ■ MS Valve 3 Way 51 Plastic ■ MS Vanne 3 voies 51 Plastique ■ MS Ventil 3 Weg 51 Plastik | MS Part Number: 607692 Correlates: D240317MS |
| | ■ MS Cola PVC 250ml ■ MS Solvent Cement 250ml ■ MS Pot de Colle PVC 250ml ■ MS Klebstoff Lösungsmittel 250ml | MS Part Number: 607704 Correlates: D240775MS |
| | ■ MS Pinza de plástico Ø40mm Maclow ■ MS Clip Pipe Ø40mm Plastic Maclow ■ MS Pince Plastique Ø40mm Maclow ■ MS Klammer Kunststoff Ø40mm Maclow | MS Part Number: 607723 Correlates: D240807MS |
| | ■ MS Pinza de plástico Ø51mm Maclow ■ MS Clip Pipe Ø51mm Plastic Maclow ■ MS Pince Plastique Ø51mm Maclow ■ MS Klammer Kunststoff Ø51mm Maclow | MS Part Number: 607724 Correlates: D240808MS |
| | ■ MS Pinza de plástico Ø63mm Maclow ■ MS Clip Pipe Ø63mm Plastic Maclow ■ MS Pince Plastique Ø63mm Maclow ■ MS Klammer Kunststoff Ø63mm Maclow | MS Part Number: 607725 Correlates: D240809MS |
| | ■ MS Pinza de plástico Ø76mm Maclow ■ MS Clip Pipe Ø76mm Plastic Maclow ■ MS Pince Plastique Maclow Ø76mm ■ MS Klammer Kunststoff Ø76mm Maclow | MS Part Number: 607726 Correlates: D240810MS |
| | ■ MS Pinza de plástico Ø90mm Maclow ■ MS Clip Pipe Ø90mm Plastic Maclow ■ MS Pince Plastique Ø90mm Maclow ■ MS Klammer Kunststoff Ø90mm Maclow | MS Part Number: 607727 Correlates: D240811MS |



Milking Solutions Parts Catalogue

Sección F3

Accesorios de PVC y Tuberías

| Image | Description | Code |
|-------|--|---|
| | ■ MS Y de plástico 8mm X 10mm colector oveja ■ MS Y-Piece Id8xOd10 Sheep plastic Claw ■ MS Y plastique 8mm X 10mm Griffe plastique ■ MS Y-Stück Kunststoff 8mm X 10mm | MS Part Number: 608119 Correlates: D385746MS |
| | ■ MS "T" encajable de plástico 12mm x 16mm ■ MS Tee Equal id12mm x od16mm Plastic ■ MS Té plastique 12mm x 16mm ■ MS T-Stück Kuntstoff 12mm x 16mm | MS Part Number: 607943 Correlates: D380573MS |
| | ■ MS Lavado de colector ■ MS Wash Claw Assy ■ MS Connecteur acid. ■ MS Verteilerstück Säurereinigung | MS Part Number: 608742 Correlates: G332020MS |
| | ■ MS Conector de lavado ■ MS Claw Circulation Wash ■ MS Connecteur de lavage ■ MS Verteilerstück Zirkulationsreinigung | MS Part Number: 608722 Correlates: G055505MS |
| | ■ MS Reducción para G332020MS ■ MS Reducer for G332020MS ■ MS Connecteur Acid. pour G332020MS (M) ■ MS Verteilerstück Säurereinigung für G332020MS (M) | MS Part Number: 608460 Correlates: DC21AK |
| | ■ MS Tubo PVC Nylon 5 x 8 x 1m ■ MS Tube Flexible PVC 5 x 8 x 1m ■ MS Tube PVC Nylon 5 x 8 x 1m ■ MS Nylonrohr PVC 5 x 8 x 1m | MS Part Number: 608059 Correlates: D385139MS |
| | ■ MS Tubo plastico transparente 6 x 8 ret ■ MS Tube PVC Flex id 6mm od 8mm Clear (30m) ■ MS Tube PVC clair Flexible 6mm x 8mm (30m) ■ MS Schlauch PVC Elastisch 6mm x 8mm Hell (30m) | MS Part Number: 607534 Correlates: A762006MS |
| | ■ MS Tubo de nylon blanco Polypenco 6mm x 8mm ■ MS Tube Polypenco Nylon Flexible id 6mm x od 8mm White ■ MS Tube Nylon blanc Polypenco 6mm x 8mm ■ MS Schlauch Nylon Weiss Polypenco 6mm x 8mm | MS Part Number: 607535 Correlates: A762007MS |
| | ■ MS Tubo blanco de nylon Polypenco 9mm x 12mm ■ MS Tube Nylon Polypenco Flex id 9mm x od 12mm White ■ MS Tube flexible blanc en Nylon Polypenco 9mm x 12mm ■ MS Schlauch Nylon Polypenco 9mm x 12mm Weiß | MS Part Number: 607536 Correlates: A762009MS |

Accesorios de PVC y Tuberías



Milking Solutions Parts Catalogue

Sección F3

Accesorios de PVC y Tuberías

| Image | Description | Code |
|-------|---|--|
| | <p>MS Grifo perforado de plástico 12.5mm MS Tap Drilled Plastic 12.5mm Outlet MS Robinet Prise Echantillon 12.5mm MS Hahn mit belüftung 12.5mm</p> | <p>MS Part Number: 608155</p> <p>Correlates: D390533MS</p> |
| | <p>MS Drenaje automático completo 3/8 inch BSP MS Valve Assembly Self Draining 3/8 inch MS Drain automatique complet 3/8 inch BSP (M) MS Ablasshahn Automatisch 3/8 inch BSP (M)</p> | <p>MS Part Number: 608458</p> <p>Correlates: DC19AK</p> |
| | <p>MS Válvula drenaje automático 1/2 inch BSP MS Valve Assembly Self Draining 1/2 inch BSP MS Drain automatique 1/2 pouce BSP MS Ablasshahn automatisch 1/2 inch BSP</p> | <p>MS Part Number: 608737</p> <p>Correlates: G237004MS</p> |
| | <p>MS Collar de cierre negro 310 x 4.8 individual MS Cable Tie 310 x 4.8 Black Single MS Collier de serrage noir 310 x 4.8 (M) MS Schwarz Kablebefestigung 310 x 4.8 (M)</p> | <p>MS Part Number: 607661</p> <p>Correlates: D209739MS</p> |
| | <p>MS Abrazadera plástica 186mm x 4.67mm blanco MS Cable Tie 186mm x 4.67mm White MS Collier de serrage blanc 186mm x 4.67mm (M) MS Kablebefestigung 186mm x 4.67mm Weiß M)</p> | <p>MS Part Number: 608439</p> <p>Correlates: DC07AK01</p> |
| | <p>MS Tipo KK 77-4 A4 MS KK 77-4 MS Type KK 77-4 A4 MS KK Type 77-4 A4</p> | <p>MS Part Number: 304472</p> <p>Correlates: DKK7740MS</p> |
| | <p>MS Tipo KK 77-6 A6 MS KK Type Stop End Plastic 133-2 MS Type KK 77-6 A6 MS KK Type 77-6 A6</p> | <p>MS Part Number: 304474</p> <p>Correlates: DKK7760MS</p> |
| | <p>MS Tipo KK 77-7 A7 MS KK Type Stop End Plastic 133-3 MS Type KK 77-7 A7 MS KK Type 77-7 A7</p> | <p>MS Part Number: 304475</p> <p>Correlates: DKK7770MS</p> |
| | <p>MS Tipo KK 77-8 A8 MS KK Type Stop End Plastic 133-4 MS Type KK 77-8 A8 MS KK Type 77-8 A8</p> | <p>MS Part Number: 608575</p> <p>Correlates: DKK7780MS</p> |



Milking Solutions Parts Catalogue

Sección F3

Accesorios de PVC y Tuberías

| Image | Description | Code |
|-------|--|---|
| | <ul style="list-style-type: none"> ■ MS Tapón tipo KK 77-9 A9 ■ MS KK Type Stop End Plastic 133-5 ■ MS Bouchon Type KK 77-9 A9 ■ MS KK Type 77-9 A9 | MS Part Number: 304476 Correlates: DKK7790MS |
| | <ul style="list-style-type: none"> ■ MS Bisagra para Swingover ■ MS Hinge Bush for Swingover ■ MS Charnière pour Swingover (M) ■ MS Scharnier für Swingover (M) | MS Part Number: 608524 Correlates: DC82AK |
| | <ul style="list-style-type: none"> ■ MS Bisagra Tandem incluido ■ MS Hinge Bush Gate including Tandem ■ MS Goujon charnière ■ MS Scharnierbuchse | MS Part Number: 608058 Correlates: D385052MS |
| | <ul style="list-style-type: none"> ■ MS Paquete 20 tubo clip alt. negro ■ MS Pack Tube Clip Alternate Black (20) ■ MS Sachet de 20 clips noir pour Tuyau Alterné ■ MS Sack Schlauchklemme Wechseltakt Schwarz (20) | MS Part Number: 607822 Correlates: D255657MS |
| | <ul style="list-style-type: none"> ■ MS Paquete 20 tubo clip alt. naranja ■ MS Pack Tube Clip Alternate Orange (20) ■ MS Sachet de 20 clips orange pour Tuyau Alt. ■ MS Sack Schlauchklemme Wechseltakt Orange (20) | MS Part Number: 607823 Correlates: D255657ORANGE |
| | <ul style="list-style-type: none"> ■ MS Paquete 20 tubo clip sim. naranja ■ MS Pack Tube Clip Simultaneous Orange (20) ■ MS Sachet de 20 clips orange pour Tuyau Sim. ■ MS Sack Schlauchklemme Gleichtakt Orange (20) | MS Part Number: 607824 Correlates: D255658MS |
| | <ul style="list-style-type: none"> ■ MS Gancho negro individual para tubo alt. (D255657MS = 20) ■ MS Tube Clip Alt Black (D255657MS = 20) ■ MS Clip noir individuel pour tuyau alt. (D255657MS) (D) ■ MS Schwarz Clip für Rohr Alternierend (1) (D255657MS) (M) | MS Part Number: 608089 Correlates: D385656MS |
| | <ul style="list-style-type: none"> ■ MS Gancho naranja individual para tubo alt. (D255657MS = 20) ■ MS Tube Clip Alt Orange (D255657MS = 20) ■ MS Clip orange individuel pour Tuyau alt. (D255657MS = 20) ■ MS Orange Clip für Rohr Alternierend (D255657MS = 20) | MS Part Number: 608090 Correlates: D385656ORANGE |
| | <ul style="list-style-type: none"> ■ MS Gancho naranja individual para tubo sim. (D255658MS = 20) ■ MS Tube Clip Sim Individual Orange (D255658MS = 20) ■ MS Clip individuel orange pour Tuyau sim (D255658MS = 20) ■ MS Schlauchklamme Alt. orange (D255658MS = 20) | MS Part Number: 608091 Correlates: D385657MS |



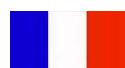
Milking Solutions Parts Catalogue

Sección F4
Accesorios Inox y Tuberías

| Image | Description | Code |
|-------|--|---|
| | ■ MS Conector de acero inoxidable 22 X 75mm ■ MS Connector 22 x 75mm Stainless Steel ■ MS Connecteur Inox 22 X 75mm ■ MS Verbindung Rostfrei 22 X 75mm | MS Part Number: 607929 Correlates: D328706MS |
| | ■ MS Boquilla de acero inoxidable Ø16mm para tubo Ø40 ■ MS Nozzle Assy 16mm for 32 - 51mm Tube S/S ■ MS Buse en inox complet Ø16mm pour tuyau Ø40 ■ MS Einheit anschlusstutzen Ø16mm für Ø40 Rohrleitung Rostfrei | MS Part Number: 608184 Correlates: D433661MS |
| | ■ MS Boquilla de acero inoxidable Ø18mm para tubo Ø40 ■ MS Nozzle Assy 18mm for 32 - 51mm Tube ■ MS Nipple en inox complet Ø18mm pour tuyau Ø40 ■ MS Einheit anschlusstutzen Ø18mm für Ø40 Rohrleitung Rostfrei | MS Part Number: 608183 Correlates: D433657MS |
| | ■ MS Abrazadera de tubo galv. 63mm 2" NB ■ MS Tube Clamp Galv 63mm 2" NB ■ MS Tuyau de serrage Galv. 63mm 2" NB (M) ■ MS Schlauchklemme Galv 63mm 2 "NB (M) | MS Part Number: 608510 Correlates: DC68AK |
| | ■ MS Abrazadera 43mm 32mmNB M8 Z/P ■ MS U Bolt 43mm 32mmNB M8 Z/P ■ MS Etrier 43mm 32mmNB M8 Z/P ■ MS U Bolzen 43mm 32mmNB M8 Z/P | MS Part Number: 612497 Correlates: D360710MS |
| | ■ MS Abrazadera abarcon inox 43mm 32Nb M6 ■ MS U Bolt 43mm 32Nb M6 S/S ■ MS Bosal Inox 43mm 32Nb M6 (M) ■ MS U Bolzen Rostfrei 43mm 32Nb M6 (M) | MS Part Number: 607934 Correlates: D360724MS |
| | ■ MS Perno "U" 1½ M10 & tuerca galv. ■ MS U Bolt 1½ M10 & Nut Galv ■ MS Boulon U 1½ M10 & Ecrou galv (M) ■ MS U Schraube 1½ M10 & Nut Galv (M) | MS Part Number: 608774 Correlates: H226220MS |
| | ■ Grifo a brida para tubo 1 ½ " BSP ■ MS Tap Clamp Right Angle 1¼ x 1½ inches ■ MS Robinet à bride pour tuyau 1¼ x 1½ BSP ■ MS Hahn für 1¼ x 1½ BSP Rohrleitung | MS Part Number: 612482 Correlates: D240275MS |

**F 5**

Guide to selecting correct Tube Clamps



Guide pour sélectionner le bon Serre-tuyaux

Wegweiser zur Bestellung der richtigen
Rohrschelle

Gids om correcte Buis te selecteren

Guía para la correcta selección de las
abrazaderas del tubo

| Size reference Dimension de la pièce Größenbezeichnung Grootte verwijzing Tamaño de referencia | Tube diameter o.d. Extérieur du tube Rohraussendurchmesser Buitenkant van de buis Diámetro del tubo o.d. | Nominal bore Taille nominale i.d. Nennhohlung innen Nominale omvang Diámetro nominal |
|--|--|--|
| | mm Inches | mm Inches |
| 4 | 21.3 27/32 | 15 1/2 |
| 5 | 26.9 1 1/16 | 20 3/4 |
| 6 | 33.7 1 11/32 | 25 1 |
| 7 | 42.4 1 11/16 | 32 1 1/4 |
| 8 | 48.3 1 29/32 | 40 1 1/2 |
| 9 | 60.3 2 3/8 | 50 2 |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|--|---|
| | <p>MS Tubo cruz 1 1/4" x 1 1/4"</p> <p>MS Tube Grip Crossover 1 1/4inch x 1 1/4inch</p> <p>MS Tube Grip Crossover 1 1/4" x 1 1/4" (M)</p> <p>MS Bogen Grip Crossover 1 1/4" x 1 1/4" (M)</p> | MS Part Number: 607705 Correlates: D240781MS |
| | <p>MS Abrazadera cruzada 1 x 1</p> <p>MS Tube Grip Crossover 1 x 1</p> <p>MS Tuyau Croisement 1 x 1 (M)</p> <p>MS Rohr Kreuzung 1 x 1 (M)</p> | MS Part Number: 608436 Correlates: DC04AK |
| | <p>MS Cable de sujeción 2</p> <p>MS Rotaclamp for (Rotalock) Fitting 2</p> <p>MS Serre-Câble 2 (M)</p> <p>MS Klemme Rohr 2 (M)</p> | MS Part Number: 608480 Correlates: DC40AK |
| | <p>MS Cable de sujeción 2" x 1"</p> <p>MS Rotaclamp for (Rotalock) Fitting 2in x 1in</p> <p>MS Serre-Câble 2" x 1"(M)</p> <p>MS Klemme Rohr 2" X 1" (M)</p> | MS Part Number: 608504 Correlates: DC62AK |
| | <p>MS Cable de sujeción para 1 1/4" x 1 1/2"</p> <p>MS Rotaclamp for (Rotalock) Fitting 1 1/4in x 1 1/2in</p> <p>MS Serre-Câble pour 1 1/4" x 1 1/2" (M)</p> <p>MS Klemme Rohr für 1 1/4" x 1 1/2" (M)</p> | MS Part Number: 608464 Correlates: DC25AK |
| | <p>MS Sujeción de tubo 1 1/2 x 1"</p> <p>MS Tube Grip Crossover 1 1/2 x 1inch</p> <p>MS Poignée pour tube 1 1/2 x 1" (M)</p> <p>MS Griffrohr 1 1/2 x 1" (M)</p> | MS Part Number: 608511 Correlates: DC69AK |
| | <p>MS KK 10-3 A3 B3</p> <p>MS KK 10-3</p> <p>MS KK 10-3 A3 B3</p> <p>MS KK 10-3 A3 B3</p> | MS Part Number: 304270 Correlates: DKK1030MS |
| | <p>MS Kee Klamp 10-4</p> <p>MS KK Type Tee Short 101-0</p> <p>MS Kee Klamp 10-4</p> <p>MS Kee Klamp 10-4</p> | MS Part Number: 304271 Correlates: DKK1040MS |
| | <p>MS Tipo KK 10-5 A5 B5</p> <p>MS KK Type Tee Short 101-1</p> <p>MS Type KK 10-5 A5 B5</p> <p>MS Type KK 10-5 A5 B5</p> | MS Part Number: 304272 Correlates: DKK1050MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|--|---|
| | ■ MS Tipo KK 10-6 A6 B6 ■ MS KK Type Tee Short 101-2* ■ MS Type KK 10-6 A6 B6 ■ MS KK Type 10-6 A6 B6 | MS Part Number: 304273 Correlates: DKK1060MS |
| | ■ MS Tipo KK 10-67 A6 B7 ■ MS KK Type Tee Short 101-2/3 ■ MS Type KK 10-67 A6 B7 ■ MS Type KK 10-67 A6 B7 | MS Part Number: 304274 Correlates: DKK1067MS |
| | ■ MS Tipo KK 10-70 A7 B7 ■ MS KK Type Tee Short 101-3 ■ MS Type KK 10-70 A7 B7 ■ MS Type KK 10-70 A7 B7 | MS Part Number: 608562 Correlates: DKK1070MS |
| | ■ MS Tipo KK 10-76 A7 B6 ■ MS KK Type Tee Short 101-3/2 ■ MS Type KK 10-76 A7 B6 ■ MS Type KK 10-76 A7 B6 | MS Part Number: 304276 Correlates: DKK1076MS |
| | ■ MS Tipo KK 10-78 3/4 ■ MS KK Type Tee Short 101 3/4 ■ MS Type KK 10-78 3/4 ■ MS Type KK 10-78 3/4 | MS Part Number: 612471 Correlates: DKK1078MS |
| | ■ MS Tipo KK 10-8 A8 B8 ■ MS KK Type Tee Short 101-4 ■ MS Type KK 10-8 A8 B8 ■ MS Type KK 10-8 A8 B8 | MS Part Number: 304278 Correlates: DKK1080MS |
| | ■ MS Tipo KK 10-87 A8 B7 ■ MS KK Type Tee Short 101-4/3 ■ MS Type KK 10-87 A8 B7 ■ MS Type KK 10-87 A8 B7 | MS Part Number: 304279 Correlates: DKK1087MS |
| | ■ MS Tipo KK 10-9 A9 B9 ■ MS KK Type Tee Short 101-5* ■ MS Type KK 10-9 A9 B9 ■ MS Type KK 10-9 A9 B9 | MS Part Number: 608563 Correlates: DKK1090MS |
| | ■ MS Tipo KK 10-98 A9 B8 ■ MS KK Type Tee Short 101-5/4 ■ MS Type KK 10-98 A9 B8 ■ MS Type KK 10-98 A9 B8 | MS Part Number: 304281 Correlates: DKK1098MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|---|---|
| | <p>MS Tipo KK 14-4 A4 MS KK Type Sleeve Joint 149-0 MS Type KK 14-4 A4 MS Type KK 14-4 A4</p> | MS Part Number: 304287 Correlates: DKK1440MS |
| | <p>MS Tipo KK 14-5 A5 MS KK Type Sleeve Joint 149-1 MS Type KK 14-5 A5 MS Type KK 14-5 A5</p> | MS Part Number: 304288 Correlates: DKK1450MS |
| | <p>MS Tipo KK 14-6 A6 MS KK Type Sleeve Joint 149-2 MS Type KK 14-6 A6 MS Type KK 14-6 A6</p> | MS Part Number: 304289 Correlates: DKK1460MS |
| | <p>MS Tipo KK 14-7 A7 MS KK Type Sleeve Joint 149-3 MS Type KK 14-7 A7 MS Type KK 14-7 A7</p> | MS Part Number: 304290 Correlates: DKK1470MS |
| | <p>MS Tipo KK 14-8 A8 MS KK Type Sleeve Joint 149-4 MS Type KK 14-8 A8 MS Type KK 14-8 A8</p> | MS Part Number: 304291 Correlates: DKK1480MS |
| | <p>MS Tipo KK 14-9 A9 MS KK Type Sleeve Joint 149-5 MS Type KK 14-9 A9 MS Type KK 14-9 A9</p> | MS Part Number: 304292 Correlates: DKK1490MS |
| | <p>MS Tipo KK 15-4 A4 MS KK Type Elbow 90Deg 125-0 MS Type KK 15-4 A4 MS Type KK 15-4 A4</p> | MS Part Number: 304293 Correlates: DKK1540MS |
| | <p>MS Tipo KK 15-6 A6 MS KK Type Elbow 90Deg 125-2 MS Type KK 15-6 A6 MS Type KK 15-6 A6</p> | MS Part Number: 304295 Correlates: DKK1560MS |
| | <p>MS Tipo KK 15-7 A7 MS KK Type Elbow 90Deg 125-3 MS Type KK 15-7 A7 MS Type KK 15-7 A7</p> | MS Part Number: 608564 Correlates: DKK1570MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|---|---|
| | MS Tipo KK 15-8 A8 MS KK Type Elbow 90Deg 125-4 MS Type KK 15-8 A8 MS Type KK 15-8 A8 | MS Part Number: 304296 Correlates: DKK1580MS |
| | MS Tipo KK 15-9 A9 MS KK Type Elbow 90Deg 125-5 MS Type KK 15-9 A9 MS Type KK 15-9 A9 | MS Part Number: 304297 Correlates: DKK1590MS |
| | MS Tipo KK 16-6 A6 MS KK Type Tee Clamp-On 135-2 MS Type KK 16-6 A6 MS Type KK 16-6 A6 | MS Part Number: 304299 Correlates: DKK1660MS |
| | MS Tipo KK 16-7 A7 MS KK Type Tee Clamp-On 135-3 MS Type KK 16-7 A7 MS Type KK 16-7 A7 | MS Part Number: 304300 Correlates: DKK1670MS |
| | MS Tipo KK 16-8 A8 MS KK Type Tee Clamp-On 135-4 MS Type KK 16-8 A8 MS Type KK 16-8 A8 | MS Part Number: 304301 Correlates: DKK1680MS |
| | MS Tipo KK 16-9 A9 MS KK Type Tee Clamp-On 135-5 MS Type KK 16-9 A9 MS Type KK 16-9 A9 | MS Part Number: 304302 Correlates: DKK1690MS |
| | MS Tipo KK 17-5 A5 MS KK Type CrossoverClamp-On160-1 MS Type KK 17-5 A5 MS Type KK 17-5 A5 | MS Part Number: 304303 Correlates: DKK1750MS |
| | MS Tipo KK 17-6 A6 MS KK Type CrossoverClamp-On160-2 MS Type KK 17-6 A6 MS Type KK 17-6 A6 | MS Part Number: 304304 Correlates: DKK1760MS |
| | MS Tipo KK 17-7 A7 MS KK Type CrossoverClamp-On160-3 MS Type KK 17-7 A7 MS Type KK 17-7 A7 | MS Part Number: 608565 Correlates: DKK1770MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|--|----------------------------------|
| | <p>MS Tipo KK 17-8 A8 MS KK Type CrossoverClamp-On160-4</p> | MS Part Number: 304306 |
| | <p>MS Type KK 17-8 A8 MS Type KK 17-8 A8</p> | Correlates: DKK1780MS |
| | <p>MS Tipo KK 18-7 A7 MS KK Type Joint Int 150-3*</p> | MS Part Number: 608566 |
| | <p>MS Type KK 18-7 A7 MS Type KK 18-7 A7</p> | Correlates: DKK1870MS |
| | <p>MS Tipo KK 21-4 A4 MS KK Type Corner 116-0</p> | MS Part Number: 304320 |
| | <p>MS Type KK 21-4 A4 MS Type KK 21-4 A4</p> | Correlates: DKK2140MS |
| | <p>MS Tipo KK 21-7 A7 MS KK Type Corner 116-3</p> | MS Part Number: 304323 |
| | <p>MS Type KK 21-7 A7 MS KK Type 21-7 A7</p> | Correlates: DKK2170MS |
| | <p>MS Tipo KK 25-4 A4 MS KK Type Tee Long 104-0</p> | MS Part Number: 304327 |
| | <p>MS Type KK 25-4 A4 MS KK Type 25-4 A4</p> | Correlates: DKK2540MS |
| | <p>MS Tipo KK 25-7 A7 MS KK Type Tee Long 104-3</p> | MS Part Number: 608567 |
| | <p>MS Type KK 25-7 A7 MS KK Type 25-7 A7</p> | Correlates: DKK2570MS |
| | <p>MS Tipo KK 25-8 A8 MS KK Type Tee Long 104-4</p> | MS Part Number: 304330 |
| | <p>MS Type KK 25-8 A8 MS KK Type 25-8 A8</p> | Correlates: DKK2580MS |
| | <p>MS Tipo KK 26-7 A7 B7 MS KK Type Cross Two Socket 119-3</p> | MS Part Number: 608568 |
| | <p>MS Type KK 26-7 A7 B7 MS KK Type 26-7 A7 B7</p> | Correlates: DKK2670MS |
| | <p>MS Tipo KK 26-8 A8 B8 MS KK Type Cross Two Socket 119-4</p> | MS Part Number: 304335 |
| | <p>MS Type KK 26-8 A8 B8 MS KK Type 26-8 A8 B8</p> | Correlates: DKK2680MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|--|---|
| | MS Tipo KK 26-9 A9 B9 MS KK Type Cross two socket 119-5 MS Type KK 26-9 A9 B9 MS KK Type 26-9 A9 B9 | MS Part Number: 304337 Correlates: DKK2690MS |
| | MS Tipo KK 45-6 A6 B6 MS KK Type Crossover 90Deg 161-2 MS Type KK 45-6 A6 B6 MS KK Type 45-6 A6 B6 | MS Part Number: 304366 Correlates: DKK4560MS |
| | MS Tipo KK 45-7 A7 B7 MS KK Type Crossover 90Deg 161-3 MS Type KK 45-7 A7 B7 MS KK Type 45-7 A7 B7 | MS Part Number: 608569 Correlates: DKK4570MS |
| | MS Tipo KK 45-76 A7 B6 MS KK Type Crossover 90Deg 161-3/2 MS Type KK 45-76 A7 B6 MS KK Type 45-76 A7 B6 | MS Part Number: 304368 Correlates: DKK4576MS |
| | MS Tipo KK 45-8 A8 B8 MS KK Type Crossover 90Deg 161-4 MS Type KK 45-8 A8 B8 MS KK Type 45-8 A8 B8 | MS Part Number: 304369 Correlates: DKK4580MS |
| | MS Tipo KK 45-86 A8 B6 MS KK Type Crossover 90Deg 161-4/2 MS Type KK 45-86 A8 B6 MS KK Type 45-86 A8 B6 | MS Part Number: 304370 Correlates: DKK4586MS |
| | MS Tipo KK 45-87 A8 B7 MS KK Type Crossover 90Deg 161-4/3 MS Type KK 45-87 A8 B7 MS KK Type 45-87 A8 B7 | MS Part Number: 304371 Correlates: DKK4587MS |
| | MS Tipo KK 45-9 A9 B9 MS KK Type Crossover 90Deg 161-5 MS Type KK 45-9 A9 B9 MS KK Type 45-9 A9 B9 | MS Part Number: 304372 Correlates: DKK4590MS |
| | MS Tipo KK 45-98 A9 B8 MS KK Type Crossover 90Deg 161-5/4 MS Type KK 45-98 A9 B8 MS KK Type 45-98 A9 B8 | MS Part Number: 304373 Correlates: DKK4598MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|--|---|
| | <p>MS Tipo KK 46-7 A7 B7 C7 MS KK Type Socket Comb 165-3 MS Type KK 46-7 A7 B7 C7 MS KK Type 46-7 A7 B7 C7</p> | MS Part Number: 304378 Correlates: DKK4670MS |
| | <p>MS Tipo KK F50-5 A5 MS KK Type Swivel F Section173F-1 MS Type KK F50-5 A5 MS KK Type F50-5 A5</p> | MS Part Number: 304384 Correlates: DKK5015MS |
| | <p>MS Tipo KK F50-6 A6 MS KK Type Swivel F Section173F-2 MS Type KK F50-6 A6 MS KK Type F50-6 A6</p> | MS Part Number: 304385 Correlates: DKK5016MS |
| | <p>MS Tipo KK F50-8 A8 MS KK Type Swivel F Section173F-4 MS Type KK F50-8 A8 MS KK Type F50-8 A8</p> | MS Part Number: 304387 Correlates: DKK5018MS |
| | <p>MS Tipo KK M50-4 A4 MS KK Type Swivel M Section173M-0 MS Type KK M50-4 A4 MS KK Type M50-4 A4</p> | MS Part Number: 304389 Correlates: DKK5024MS |
| | <p>MS Tipo KK M50-5 A5 MS KK Type Swivel M Section173M-1 MS Type KK M50-5 A5 MS KK Type M50-5 A5</p> | MS Part Number: 304390 Correlates: DKK5025MS |
| | <p>MS Tipo KK M50-6 A6 MS KK Type Swivel M Section173M-2 MS Type KK M50-6 A6 MS KK Type M50-6 A6</p> | MS Part Number: 304391 Correlates: DKK5026MS |
| | <p>MS Tipo KK M50-7 A7 MS KK Type Swivel M Section173M-3 MS Type KK M50-7 A7 MS KK Type M50-7 A7</p> | MS Part Number: 304392 Correlates: DKK5027MS |
| | <p>MS Tipo KK M50-8 A8 MS KK Type Swivel M Section173M-4 MS Type KK M50-8 A8 MS KK Type M50-8 A8</p> | MS Part Number: 304393 Correlates: DKK5028MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|---|---|
| | <p>MS Tipo KK M50-9 A9 MS KK Type Swivel M Section173M-5 MS Type KK M50-9 A9 MS KK Type M50-9 A9</p> | MS Part Number: 304394 Correlates: DKK5029MS |
| | <p>MS Tipo KK C50-55 A5 MS KK Type Swivel Sgle Comb 173-1 MS Type KK C50-55 A5 MS KK Type C50-55 A5</p> | MS Part Number: 304396 Correlates: DKK5035MS |
| | <p>MS Tipo KK C50-66 A6 MS KK Type Swivel Sgle Comb 173-2 MS Type KK C50-66 A6 MS KK Type C50-66 A6</p> | MS Part Number: 304397 Correlates: DKK5036MS |
| | <p>MS Tipo KK C50-77 A7 MS KK Type Swivel Sgle Comb 173-3 MS Type KK C50-77 A7 MS KK Type C50-77 A7</p> | MS Part Number: 608571 Correlates: DKK5037MS |
| | <p>MS Tipo KK C50-88 A8 MS KK Type Swivel Sgle Comb 173-4 MS Type KK C50-88 A8 MS KK Type C50-88 A8</p> | MS Part Number: 304398 Correlates: DKK5038MS |
| | <p>MS Tipo KK 61-5 A5 MS KK Type Base Flange 131-1 MS Type KK 61-5 A5 MS KK Type 61-5 A5</p> | MS Part Number: 304434 Correlates: DKK6150MS |
| | <p>MS Tipo KK 61-6 A6 MS KK Type Base Flange 131-2 MS Type KK 61-6 A6 MS KK Type 61-6 A6</p> | MS Part Number: 304435 Correlates: DKK6160MS |
| | <p>MS Tipo KK 61-7 A7 MS KK Type Base Flange 131-3 MS Type KK 61-7 A7 MS KK Type 61-7 A7</p> | MS Part Number: 304436 Correlates: DKK6170MS |
| | <p>MS Tipo KK 61-8 A8 MS KK Type Base Flange 131-4 MS Type KK 61-8 A8 MS KK Type 61-8 A8</p> | MS Part Number: 304437 Correlates: DKK6180MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|---|---|
| | ■ MS Tipo KK 61-9 A9 ■ MS KK Type Base Flange 131-5 ■ MS Type KK 61-9 A9 ■ MS KK Type 61-9 A9 | MS Part Number: 304438 Correlates: DKK6190MS |
| | ■ MS Tipo KK 62-5 A5 ■ MS KK Base Railing Flange 132-1 ■ MS Type KK 62-5 A5 ■ MS KK Type 62-5 A5 | MS Part Number: 304440 Correlates: DKK6250MS |
| | ■ MS Tipo KK 62-6 A6 ■ MS KK Base Railing Flange 132-2 ■ MS Type KK 62-6 A6 ■ MS KK Type 62-6 A6 | MS Part Number: 304441 Correlates: DKK6260MS |
| | ■ MS Tipo KK 62-7 A7 ■ MS KK Base Railing Flange 132-3 ■ MS Type KK 62-7 A7 ■ MS KK Type 62-7 A7 | MS Part Number: 608573 Correlates: DKK6270MS |
| | ■ MS Tipo KK 62-8 A8 ■ MS KK Base Railing Flange 132-4 ■ MS Type KK 62-8 A8 ■ MS KK Type 62-8 A8 | MS Part Number: 304442 Correlates: DKK6280MS |
| | ■ MS Tipo KK 62-9 A9 ■ MS KK Base Railing Flange 132-5 ■ MS Type KK 62-9 A9 ■ MS KK Type 62-9 A9 | MS Part Number: 304443 Correlates: DKK6290MS |
| | ■ MS Tipo KK 70-5 A5 ■ MS KK 70-5 ■ MS Type KK 70-5 A5 ■ MS KK Type 70-5 A5 | MS Part Number: 304455 Correlates: DKK7050MS |
| | ■ MS Tipo KK 70-6 A6 ■ MS KK Type Brkt Hand Rail 143-2 ■ MS Type KK 70-6 A6 ■ MS KK Type 70-6 A6 | MS Part Number: 304456 Correlates: DKK7060MS |
| | ■ MS Tipo KK 70-7 A7 ■ MS KK Type Brkt Hand Rail 143-3 ■ MS Type KK 70-7 A7 ■ MS KK Type 70-7 A7 | MS Part Number: 304457 Correlates: DKK7070MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|--|---|
| | ■ MS Tipo KK 70-8 A8 ■ MS KK Type Bracket Hand Rail 143-4 ■ MS Type KK 70-8 A8 ■ MS KK Type 70-8 A8 | MS Part Number: 608574 Correlates: DKK7080MS |
| | ■ MS Tipo KK 75-4 A4 ■ MS KK Type Collar Locking 179-0 ■ MS Type KK 75-4 A4 ■ MS KK Type 75-4 A4 | MS Part Number: 304463 Correlates: DKK7540MS |
| | ■ MS Tipo KK 75-5 A5 ■ MS KK Type Collar Locking 179-1 ■ MS Type KK 75-5 A5 ■ MS KK Type 75-5 A5 | MS Part Number: 304464 Correlates: DKK7550MS |
| | ■ MS Tipo KK 75-6 A6 ■ MS KK Type Collar Locking 179-2 ■ MS Type KK 75-6 A6 ■ MS KK Type 75-6 A6 | MS Part Number: 304465 Correlates: DKK7560MS |
| | ■ MS Tipo KK 75-7 A7 ■ MS KK Type Collar Locking 179-3 ■ MS Type KK 75-7 A7 ■ MS KK Type 75-7 A7 | MS Part Number: 304466 Correlates: DKK7570MS |
| | ■ MS Tipo KK 75-8 A8 ■ MS KK Type Collar Locking 179-4 ■ MS Type KK 75-8 A8 ■ MS KK Type 75-8 A8 | MS Part Number: 304467 Correlates: DKK7580MS |
| | ■ MS Tipo KK 76-6 A6 ■ MS KK Type Hook 182-2 ■ MS Type KK 76-6 A6 ■ MS KK Type 76-6 A6 | MS Part Number: 304469 Correlates: DKK7660MS |
| | ■ MS Tipo KK 77-6 A6 ■ MS KK Type Stop End Plastic 133-2 ■ MS Type KK 77-6 A6 ■ MS KK Type 77-6 A6 | MS Part Number: 304474 Correlates: DKK7760MS |
| | ■ MS Tipo KK 77-7 A7 ■ MS KK Type Stop End Plastic 133-3 ■ MS Type KK 77-7 A7 ■ MS KK Type 77-7 A7 | MS Part Number: 304475 Correlates: DKK7770MS |



Milking Solutions Parts Catalogue

Sección F5

Abrazadera de Tubo y Soportes

| Image | Description | Code |
|-------|--|----------------------------------|
| | <p>MS Tipo KK 77-8 A8</p> <p>MS KK Type Stop End Plastic 133-4</p> | MS Part Number: 608575 |
| | <p>MS Type KK 77-8 A8</p> <p>MS KK Type 77-8 A8</p> | Correlates: DKK7780MS |
| | <p>MS Tapón tipo KK 77-9 A9</p> <p>MS KK Type Stop End Plastic 133-5</p> | MS Part Number: 304476 |
| | <p>MS Bouchon Type KK 77-9 A9</p> <p>MS KK Type 77-9 A9</p> | Correlates: DKK7790MS |
| | <p>MS Tipo KK 83-6 A6</p> <p>MS KK Type Gate Hinge 140-2</p> | MS Part Number: 304493 |
| | <p>MS Type KK 83-6 A6</p> <p>MS KK Type 83-6 A6</p> | Correlates: DKK8360MS |
| | <p>MS Tipo KK 83-7 A7</p> <p>MS KK Type Gate Hinge 140-3</p> | MS Part Number: 304494 |
| | <p>MS Type KK 83-7 A7</p> <p>MS KK Type 83-7 A7</p> | Correlates: DKK8370MS |
| | <p>MS Tipo KK 83-8 A8</p> <p>MS KK Type Gate Hinge 140-4</p> | MS Part Number: 304495 |
| | <p>MS Type KK 83-8 A8</p> <p>MS KK Type 83-8 A8</p> | Correlates: DKK8380MS |

 Milking Recording Contrôle du Lait Milchmengenmessung Meetglazen/Melkmeters Control Leche

Control Leche



Milking Solutions Parts Catalogue

Sección G1

Tarros y Componentes para el control Leche

| Image | Description | Code |
|-------|--|----------------------------------|
| | ■ MS Paquete válvula Ø17mm para DV1 ■ MS Pack Diaphragm Vented Valve 17 for DV1 ■ MS Valve diaphragme Ø17mm pour DV1 ■ MS Membrane Ventile Ø17mm für DV1 | MS Part Number: 608188 |
| | | Correlates: D480075MS |
| | ■ MS Cuerpo Ø17mm para DV1 ventilado ■ MS Body Valve for DV1 17 Vented ■ MS Corps Ø17mm pour DV1 ■ MS Gehäuse für DV1 17mm | MS Part Number: 608072 |
| | | Correlates: D385585MS |
| | ■ MS Regatón negro 1" para DV1 ■ MS Ferrule 1" Black for DV1 Bleed Cap ■ MS Capuchon noir 1" pour DV1 ■ MS Kappe Schwarz 1" für DV1 | MS Part Number: 607788 |
| | | Correlates: D249735MS |
| | ■ MS Abrazadera para válvula D480074MS/D480075MS ■ MS Ring Locking for DV1 DV4 & DV5 Valves ■ MS Anneau de blocage pour D480074MS/D480075MS ■ MS Verschraubungsring für D480074MS/D480075MS | MS Part Number: 608068 |
| | | Correlates: D385573MS |
| | ■ MS Tapón para válvula DV1 DV5 & DV4 ■ MS Cap for DV1 DV5 & DV4 Valve ■ MS Couvercle pour DV1 DV5 & DV4 ■ MS Deckel für DV1 DV5 & DV4 | MS Part Number: 608069 |
| | | Correlates: D385574MS |
| | ■ MS Paquete diafragma, eje y junta para DV1 ■ MS Pack Diaphragm & Shaft & Seal for DV1 ■ MS Sachet diaphragme, axe et joint pour DV1 ■ MS Montierte Membrane für DV1 | MS Part Number: 607826 |
| | | Correlates: D255661MS |
| | ■ MS Membrana para DV1 ■ MS Diaphragm for DV1 ■ MS Membrane pour DV1 ■ MS Membrane für DV1 | MS Part Number: 607982 |
| | | Correlates: D381672MS |
| | ■ MS Eje para DV1 ■ MS Shaft for DV1 ■ MS Axe pour DV1 (M) ■ MS Welle für DV1 (M) | MS Part Number: 608161 |
| | | Correlates: D390658MS |
| | ■ MS Junta para DV1 ■ MS Seal for DV1 ■ MS Joint pour DV1 ■ MS Dichtung für DV1 | MS Part Number: 608039 |
| | | Correlates: D382750MS |



Milking Solutions Parts Catalogue

Sección G1

Tarros y Componentes para el control Leche

| Image | Description | Code |
|-------|--|---|
| | <p>MS Resorte de acero inoxidable (compression) para DV1 D480075MS MS Spring Compression for DV1 D480075MS</p> <p>MS Ressort Inox (compression) pour DV1 D480075MS MS Druckfeder Rostfrei für DV1 D480075MS</p> | MS Part Number: 607777 Correlates: D243718MS |
| | <p>MS Paquete para Distribuidor de lavado MS Pack for Wash Distributor Assy</p> <p>MS Distributeur de lavage MS Spulverteiler</p> | MS Part Number: 608189 Correlates: D480079MS |
| | <p>MS Base distribuidor de lavado MS Base Wash Distributor</p> <p>MS Base Distributeur de Lavage (M) MS Unterseite Spulverteiler (M)</p> | MS Part Number: 608074 Correlates: D385591MS |
| | <p>MS Bola de nylon 17.5mm para D480079MS Extra fluje MS Ball 11/16 (17-5m) Nylon for D480079MS Extra Flow</p> <p>MS Balle en nylon 17.5mm pour D480079MS Extra Flux MS Ball 17.5mm Nylon für D480079MS Extra Flow</p> | MS Part Number: 607786 Correlates: D249720MS |
| | <p>MS Bola de nylon 15.9mm standard para D480079MS MS Ball 5/8 Nylon for D480079MS</p> <p>MS Balle en nylon 15.9mm standard pour D480079MS MS Ball 15.9mm Nylon - standard für D480079MS</p> | MS Part Number: 607787 Correlates: D249723MS |
| | <p>MS Bola de caucho negra 17.5mm para D480079MS MS Ball 17.5 Rubber black Ø17.5mm for D480079MS</p> <p>MS Balle en caoutchouc noir Ø17.5mm pour D480079MS MS Ball Schwarz gummi Ø17.5mm für D480079MS</p> | MS Part Number: 607961 Correlates: D381507MS |
| | <p>MS Bola 20mm Polipropileno Sólido MS Ball 20 Polypropylene Solid</p> <p>MS Balle 20mm Polypropylene Solide MS Ball 20mm Polypropylene Solid</p> | MS Part Number: 608070 Correlates: D385575MS |
| | <p>MS Bolla nitrilo 22mm válvula 5g MS Ball Nitrile 22mm Valve 5g Light</p> <p>MS Balle Nitrile 22mm valve 5g (M) MS Nitril-22mm Kugelhahn 5g (M)</p> | MS Part Number: 608506 Correlates: DC64AK |
| | <p>MS Anillo distribuidor de lavado MS O Ring Wash Distributor</p> <p>MS Joint Torique MS O Ring</p> | MS Part Number: 607762 Correlates: D242727MS |



Milking Solutions Parts Catalogue

Sección G1

Tarros y Componentes para el control Leche

| Image | Description | Code |
|-------|--|---|
| | ■ MS Tapón de caucho 40mm ■ MS End Cap 40mm Rubber ■ MS Bouchon en Caoutchouc 40mm ■ MS EndkappeGummi 40mm | MS Part Number: 607968 Correlates: D381590MS |
| | ■ MS Paquete válvula 22mm 90° para DV4 ■ MS Pack Diaphm-Valve 22 90° for DV4 ■ MS Valve à diaphragme 22mm 90° pour DV4 ■ MS Membraneventil Sack 22mm 90° für DV4 | MS Part Number: 608186 Correlates: D480074MS |
| | ■ MS Paquete válvula 22mm 90° para DV4 (sin resorte) ■ MS Pack Diaphragm-Valve 22 90° for DV4 (no spring) ■ MS Valve à diaphragme 22mm 90° pour DV4 (sans ressort) ■ MS Membraneventil Sack 22mm 90° für DV4 (Kein Feder) | MS Part Number: 608187 Correlates: D480074MSNS |
| | ■ MS Membrana para DV5 / DV4 (nueva) ■ MS Diaphragm for DV5 / DV4 New Type ■ MS Membrane pour DV5 / DV4 (neuf) ■ MS Membrane für DV5 / DV4 (Neu) | MS Part Number: 607979 Correlates: D381667MS |
| | ■ MS Resorte de compresión para la bomba DV4 ■ MS Spring Compression for DV4 Diaphragm pump ■ MS Ressort de compression pour pompe DV4 ■ MS Druckfeder für DV4 pump | MS Part Number: 607771 Correlates: D243712MS |
| | ■ MS Válvula para DV4 90° 22mm (D480074MS) ■ MS Body Valve for DV4 90° 22mm (D480074MS) ■ MS Valve pour DV4 90° 22mm (D480074MS) ■ MS Ventil für DV4 90° 22mm (D480074MS) | MS Part Number: 612420 Correlates: D385572MS |
| | ■ MS Paquete para válvula Servo ■ MS Pack Valve & Housing for Servo Tap ■ MS Ensemble pour Servo Valve ■ MS Montiertes Ventil | MS Part Number: 607825 Correlates: D255659MS |
| | ■ MS Resorte de compresión válvula Servo para D480088 ■ MS Spring Compression Servo Valve for D480088 ■ MS Ressort pour D480088 ■ MS Feder für D480088 | MS Part Number: 607770 Correlates: D243709MS |
| | ■ MS Tarro cerrado 28kg ■ MS Jar 6 Gallon / 28Kg Glass Domed ■ MS Bocal fermé 28Kg ■ MS Glasbehälter 28Kg | MS Part Number: 608054 Correlates: D384056MS |

Tarros y Componentes para el control Leche



Milking Solutions Parts Catalogue

Sección G1

Tarros y Componentes para el control Leche

| Image | Description | Code |
|-------|---|----------------------------------|
| | ■ MS Tarro cerrado 33kg ■ MS Jar 7 Gallon / 33Kg Glass Domed ■ MS Bocal fermé 33Kg ■ MS Glasbehälter 33Kg | MS Part Number: 608055 |
| | ■ MS Junta inferior bocal/ recipiente sanitario ■ MS Washer Seating Receiver Assy ■ MS Joint inférieur bocal/piège sanit. ■ MS Beilagscheibe für Dichtungssitz | MS Part Number: 612505 |
| | ■ MS Equipo Soporte tarro ■ MS Jar Support Assembly ■ MS Support bocal avec ferrures fixation ■ MS Halter Glasbehälter | MS Part Number: 612496 |
| | ■ MS Abrazadera 43mm 32mmNB M8 Z/P ■ MS U Bolt 43mm 32mmNB M8 Z/P ■ MS Etrier 43mm 32mmNB M8 Z/P ■ MS U Bolzen 43mm 32mmNB M8 Z/P | MS Part Number: 612497 |
| | ■ MS Grifo perforado de plástico 12.5mm ■ MS Tap Drilled Plastic 12.5mm Outlet ■ MS Robinet Prise Echantillon 12.5mm ■ MS Hahn mit belüftung 12.5mm | MS Part Number: 608155 |
| | ■ Repuestos para MR2000 TL ■ Spare parts for MR2000 TI Assy ■ Pièces de recharge pour MR2000 TL Assy ■ Ersatzleile für MR2000 TL Assy | MS Part Number: 303353 |
| | ■ MS Paquete membrana tipo "C" & "O" para MRTL & ACRTL ■ MS Pack Diaphragm Type "C" & "O" for MRTL & ACRTL ■ MS Sachet de membranes Type "C" & "O" pour MRTL & ACRTL ■ MS Sack Membrane "C" und "O" für MRTL & ACRTL | MS Part Number: 607820 |
| | ■ MS Junta válvula ■ MS Valve Seal ■ MS Valve (D) ■ MS Pulsator Kegel EL (D) | MS Part Number: 608018 |
| | ■ MS Membrana para Pulsador TL D255654MS ■ MS Diaphragm for Pulsator TL D255654MS ■ MS Membrane pour Pulsateur TL D255654MS ■ MS Membran für Pulsator TL D255654MS | MS Part Number: 608092 |

Tarros y Componentes para el control Leche



Milking Solutions Parts Catalogue

Sección G1

Tarros y Componentes para el control Leche

| Image | Description | Code |
|-------|--|--|
| | ■ MS Eje para Lectron TL (D255654MS / D255655MS) ■ MS Spindle for Lectron TL (D255654MS / D255655MS) ■ MS Axe pour Lectron TL (D255654MS / D255655MS) (M) ■ MS Achse für Lectron TL (D255654MS / D255655MS) (M) | MS Part Number: 608159 Correlates: D390652MS |
| | ■ MS Anillo 2.57 x 1.78 para D255655/6 ■ MS O Ring Id 2.57 x 1.78 for D255655 / 6 ■ MS Joint torique 2.57 x 1.78 pour D255655/6 ■ MS Dichtungsring 2.57 x 1.78 für D255655/6 | MS Part Number: 607757 Correlates: D242701MS |
| | ■ MS Anillo 12.29 x 3.53 para MR TL D255655MS / D255656MS ■ MS O Ring id 12.29 x 3.53 for MR TL D255655MS / D255656MS ■ MS Joint Torique 12.29 x 3.53 pour MR TL D255655MS / D255656MS ■ MSDichtungsring 12.29 x 3.53 für MR TL D255655MS / D255656MS | MS Part Number: 607763 Correlates: D242733MS |
| | ■ MS Resorte compresión de acero inoxidable para TL D255655MS / D255656MS ■ MS Spring Compression for TL S/S D255655MS / D255656MS ■ MS Ressort en Inox pour TL D255655MS / D255656MS ■ MS Druckfeder für TL Rostfrei D255655MS / D255656MS | MS Part Number: 607775 Correlates: D243716MS |
| | ■ MS Eje de latón para MR2000 TL D255655MS / 6MS ■ MS Spindle Brass for MR2000TL D255655MS / 6MS ■ MS Axe laiton pour MR2000 TL D255655MS / 6MS (M) ■ MS Messing Spindel für MR2000 D255655MS / 6MS (M) | MS Part Number: 607920 Correlates: D321706MS |
| | ■ MS Bobina amarilla ■ MS Solenoid Coil Yellow ■ MS Bobine Jaune ■ MS Magnetventil Gelb | MS Part Number: 607863 Correlates: D262513MS |
| | ■ MS Soporte de solenoide ■ MS Bracket Solenoid ■ MS Etrier recuit ■ MS Magnetventil-Halterung | MS Part Number: 607865 Correlates: D262514MS |
| | ■ MS Paquete de mazarotas y juntas (6) ■ MS Pack Shuttle & Seal (6) ■ MS Sachet de Masselottes & Joints (6) ■ MS Schiffchen en Dichtung Sack (6) | MS Part Number: 607832 Correlates: D255682MS |
| | ■ MS Paquete de mazarotas y juntas (6) alterado ■ MS Pack Shuttle & Seal (6) Modified ■ MS Sachet Masselottes & Joints (6) Modifié ■ MS Sack Schiffchen en Dichtung (6) Modifizierend | MS Part Number: 607833 Correlates: D255682MSMOD |

Tarros y Componentes para el control Leche



Milking Solutions Parts Catalogue

Sección G1

Tarros y Componentes para el control Leche

| Image | Description | Code |
|-------|--|------------------------------------|
| | ■ MS Junta para D255682MS ■ MS Seal - Armature Tip Shuttle for D255682MS | MS Part Number: 607950 |
| | ■ MS Joint pour D255682MS (M) ■ MS Dichtung für D255682MS (M) | Correlates: D381386MS |
| | ■ MS Paquete 6 chimeneas para Lectron ■ MS Pack Chimney for Lectron (6) | MS Part Number: 608064 |
| | ■ MS Sachet 6 cheminées ensemble pour Lectron ■ MS Zylinder Sack für Lectron (6) | Correlates: D385537X6MS |
| | ■ MS Chimenea individual ■ MS Chimney Single | MS Part Number: 608063 |
| | ■ MS Cheminée individuelle ■ MS Zylinder Single | Correlates: D385537MS |
| | ■ MS Junta de apéndice para TL ■ MS Gasket Filter Housing for TL | MS Part Number: 608109 |
| | ■ MS Joint d'étanchéité pour TL ■ MS Dichtung für TL | Correlates: D385685MS |
| | ■ MS Paquete de 10 Juntas de apéndice para TL ■ MS Pack Gasket Filter Housing for TL (10) | MS Part Number: 608110 |
| | ■ MS Sachet de 10 joints d' étanchéité pour TL ■ MS Sack Dichtung für TL (10) | Correlates: D385685X10MS |
| | ■ MS Junta doble para Lectron ■ MS Gasket Twin for Lectron | MS Part Number: 608166 |
| | ■ MS Joint pour Lectron ■ MS Packung für Lectron | Correlates: D391531MS |
| | ■ MS Anillo Pulsator Chimenea Nitrilo ■ MS O Ring Pulsator Chimney Nitrile | MS Part Number: 607759 |
| | ■ MS Joint torique Pulsateur Nitrile ■ MS Dichtungsring Pulsator Nitrile | Correlates: D242702MS |
| | ■ MS Filtro doble para Lectron ■ MS Filter Twin for Lectron | MS Part Number: 608156 |
| | ■ MS Filtre pour Lectron ■ MS Filter für Lectron | Correlates: D390628MS |
| | ■ MS Abrazadera de plástico para TL ■ MS Clamp for TL Pipeline plastic | MS Part Number: 608083 |
| | ■ MS Bride plastique pour TL ■ MS Leitungsklammer für TL plastik | Correlates: D385646MS |



Milking Solutions Parts Catalogue

Sección G1

Tarros y Componentes para el control Leche

| Image | Description | Code |
|-------|--|----------------------------------|
| | MS Y de plástico 8mm X 10mm colector oveja MS Y-Piece Id8xOd10 Sheep plastic Claw | MS Part Number: 608119 |
| | MS Y plastique 8mm X 10mm Griffe plastique MS Y-Stück Kunststoff 8mm X 10mm | Correlates: D385746MS |
| | MS Reducción Lectron TL-TLE blanco 3.5mm MS Restrictor White 3.5mm Bore | MS Part Number: 608157 |
| | MS Frein de pulsation Blanc 3.5mm (TL) MS Widerstand Weiß 3.5mm (TL) | Correlates: D390637MS |



Milking Solutions Parts Catalogue

Sección G2
Piezas Control Leche

| Image | Description | Code |
|-------|---|--|
| | <p>Repuestos para medidor de leche MR2000 - conductividad Spare parts for Milk Meter MR2000 Conductivity Pièces de recharge pour Compteur à lait MR2000 - Conductivité Ersatzteile für Einheit MR2000 Milchmessgerät - Leitfähigkeit</p> | MS Part Number: 303295 Correlates: D492273 |
| | <p>MS kit de mantenimiento para medidor de leche MR2000 MS Kit Service for MR2000 Milk Meter Comprehensive MS Kit Entretien pour Compteur à Lait MR2000 MS Service Kit für Milchmessgerät MR2000</p> | MS Part Number: 607839 Correlates: D255699MS |
| | <p>MS kit de mantenimiento para medidor de leche MR2000 MS Kit Service for MR2000 Milk Meter MS Kit Entretien pour Compteur à Lait MR2000 (basic) (M) MS Service Kit für MR2000 (D)</p> | MS Part Number: 608457 Correlates: DC18AK |
| | <p>MS Kit de mantenimiento medidor de leche básico para Isolator 3 / TL (2 años) MS Kit Service Basic Milk Meter for Isolator 3 / TL (2 Year) MS Kit entretien compteur à lait basic pour Isolator 3 / TL (2 ans) (M) MS Service Kit Milchmessgerät für Isolator 3 / TL (2 Jahren) (M)</p> | MS Part Number: 608707 Correlates: F492301CMS |
| | <p>MS Resorte para MR2000 MS Spring Valve Actuator for Milk Meter MR2000 MS Ressort pour MR2000 MS Feder für MR2000</p> | MS Part Number: 607773 Correlates: D243714MS |
| | <p>MS Membrana válvula motor para MR2000 MS Diaphragm Valve Actuator for MR2000 MS Membrane pour MR2000 MS Membrane für MR2000</p> | MS Part Number: 607981 Correlates: D381669MS |
| | <p>MS Junta larga tipo para medidor de leche MR2000 MS Seal Large Foot for Milk meter MR2000 MS Grand joint pour Compteur à lait MR2000 MS Grosse Dichtung für MR2000</p> | MS Part Number: 608022 Correlates: D382723MS |
| | <p>MS Junta pequeño tipo para medidor de leche MR2000 MS Seal Small Foot for Milk meter MR2000 MS Petit joint pour compteur à lait MR2000 MS Kleine Dichtung für MR2000</p> | MS Part Number: 608023 Correlates: D382724MS |
| | <p>MS Junta de eje para Medidor de leche MR2000 MS Seal Shaft Valve Actuator Top Hat for Milk meter MR2000 MS Joint d'axe pour compteur à lait MR2000 MS Achsendichtung für MR2000</p> | MS Part Number: 608024 Correlates: D382725MS |



Milking Solutions Parts Catalogue

Sección G2
Piezas Control Leche

| Image | Description | Code |
|-------|--|---|
| | ■ MS Junta de sonda conductividad ■ MS Seal Conductivity Probe ■ MS Joint de sonde de niveau ■ MS Dichtung niveausonde | MS Part Number: 608025 Correlates: D382726MS |
| | ■ MS Junta pequeña = D382732X ■ MS Seal Top Hall Switch = D382732X ■ MS Petit joint de sonde = D382732X ■ MS Kleine Sondendichtung = D382732X | MS Part Number: 608030 Correlates: D382732MS |
| | ■ MS Junta de sonda superior ■ MS Seal Bottom Hall Switch / Seal Sampler ■ MS Joint de sonde inférieur ■ MS Sondendichtung | MS Part Number: 608031 Correlates: D382733MS |
| | ■ MS Válvula + Eje (desatascador) ■ MS Valve + Shaft Valve Actuator (Plunger) ■ MS Clapet + Axe ■ MS Klappe Mit Aschse | MS Part Number: 608051 Correlates: D382869MS |
| | ■ MS Gancho para MR2000 ■ MS Clip Snap for Milk Meter MR2000 ■ MS Clip pour MR2000 ■ MS Clip für MR2000 | MS Part Number: 608082 Correlates: D385645MS |
| | ■ MS Porta botella de muestra para MR2000 ■ MS Holder Sample Bottle for MR2000 ■ MS Joint Porte Bouteille pour MR2000 ■ MS Dichtung für MR2000 | MS Part Number: 607987 Correlates: D381817MS |
| | ■ MS Tapón cámara inferior para medidor de leche MR2000 ■ MS Plug Bottom Chamber for Milk Meter MR2000 ■ MS Bouchon échantillon pour Compteur à lait MR2000 ■ MS Stopfen Probeentnahme für MR2000 | MS Part Number: 608014 Correlates: D382634MS |
| | ■ MS Junta de cámara superior ■ MS Seal Top Chamber ■ MS Joint de Chambre Supérieure ■ MS Dichtung Kopfkammer | MS Part Number: 608026 Correlates: D382727MS |
| | ■ MS Junta de cámara baja ■ MS Seal Bottom Chamber ■ MS Joint de Chambre basse ■ MS Bovenkamerdichtung | MS Part Number: 608027 Correlates: D382728MS |



Milking Solutions Parts Catalogue

Sección G2
Piezas Control Leche

| Image | Description | Code |
|-------|---|---|
| | ■ MS Junta de cámara de medición para MR2000 ■ MS Seal Measuring Chamber for MR2000 ■ MS Joint chambre de mesure pour MR2000 ■ MS Dichtung Kopfkammer für MR2000 | MS Part Number: 608028 Correlates: D382729MS |
| | ■ MS Tornillo de retención de actuador para MR2000 ■ MS Actuator Retaining Screw for MR2000 ■ MS Vis pour MR2000 ■ MS Schraube für MR2000 | MS Part Number: 608081 Correlates: D385642MS |
| | ■ MS Tapa válvula para MR2000 ■ MS Cap Valve Actuator for Milk Meter (MR2000) ■ MS Couvercle de Valve pour MR2000 ■ MS Bedienungsklappe für MR2000 | MS Part Number: 608078 Correlates: D385610MS |
| | ■ MS Cuerpo válvula para medidor de leche ■ MS Body Valve Actuator for Milk Meter ■ MS Corps de Valve ■ MS Gehäuse Motorklappe | MS Part Number: 608079 Correlates: D385611MS |
| | ■ MS "J" de retención para medidor de leche ■ MS "J" Bolt M6 for Milk Meter ■ MS "J" de Retenue pour Compteur à Lait ■ MS "J" Teil für Milchmessgerät | MS Part Number: 608080 Correlates: D385614MS |
| | ■ MS Tuerca plas. Retención "J" M6 Blanco nylon ■ MS Nut Threaded Ring M6 White Nylon ■ MS Anneau M6 nylon blanc ■ MS Schraube M6 Weiß nylon | MS Part Number: 607657 Correlates: D209718MS |
| | ■ MS Resorte para MR2000 ■ MS Spring for Milk Meter MR2000 ■ MS Ressort pour MR2000 ■ MS Feder für MR2000 | MS Part Number: 607774 Correlates: D243715MS |
| | ■ MS Paquete antiespuma ■ MS Pack Froth Shield Conversion Kit ■ MS Sachet anti-mousse ■ MS Sack Anti-Schaum | MS Part Number: 607836 Correlates: D255692MS |
| | ■ MS Anti espuma para medidor de leche ■ MS Froth Shield for milk meter ■ MS Anti Mousse pour Compteur à Lait (M) ■ MS Schaumschutzblech für Milchmessgeräte (M) | MS Part Number: 608132 Correlates: D385808MS |



Milking Solutions Parts Catalogue

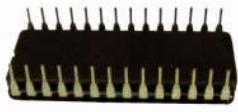
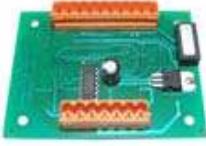
Sección G2
Piezas Control Leche

| Image | Description | Code |
|-------|--|---|
| | ■ MS Guía antiespuma para medidor de leche D492134 ■ MS Guide Froth Shield for D492134 milk meter ■ MS Guide pour D492134 compteur à lait ■ MS Führung für D492134 Milchmenmessgeräte | MS Part Number: 608253 Correlates: D492246MS |
| | ■ MS Resorte para MR2000 ■ MS Spring Sampler for MR2000 ■ MS Ressort pour MR2000 ■ MS Feder für MR2000 | MS Part Number: 607772 Correlates: D243713MS |
| | ■ MS Membrana para MR2000 Mk2 ■ MS Membrane Keyboard for MR2000 Mk2 ■ MS Membrane pour MR2000 Mk2 ■ MS Membran für MR2000 Mk2 | MS Part Number: 607886 Correlates: D263736MS |
| | ■ MS Pistas de circuito impreso para caja de display Mr2000 ■ MS PCB for MR2000 Display Box ■ MS Circuit Imprimé pour boitier display MR2000 ■ MS Kontrollkarte für MR2000 | MS Part Number: 608221 Correlates: D492176MS |
| | ■ MS Tornillo inox display M3 x 60 ■ MS Screw Csk Slotted M3 x 60 S/S Display Box ■ MS Vis Inox M3 x 60 (Compteur à Lait) ■ MS Schraube Rostfrei M3 x 60 (Milchmenmessgeräte) | MS Part Number: 607614 Correlates: D202720MS |
| | ■ MS Teclado caja de pulsación para Parlour Star ■ MS Keypad Membrane for Parlour Star ■ MS Clavier membrane pour Parlour Star ■ MS Membran für Parlour Star | MS Part Number: 607889 Correlates: D263760MS |
| | ■ MS Fusible de cristal 2A 5 x 20 ■ MS Fuse Time Lag 2A 5 x 20 Glass ■ MS Fusible en verre temporisé 2A 5 x 20 ■ MS Glas Sicherung 2A Gedrosselt 5 x 20 | MS Part Number: 607893 Correlates: D263932MS |
| | ■ MS Caja de conexión conductividad ■ MS Connection Box Assy Conductivity ■ MS Boitier de connexion conductivité ■ MS Verbindungskasten Leitfähigkeit | MS Part Number: 608256 Correlates: D492272MS |
| | ■ MS Paquete juntas para caja de conexión (10) ■ MS Pack Gasket Connection Box (10) ■ MS Sachet de 10 Joints de Boite de connexion (M) ■ MS Sack Dichtung Anschlussbox (10) (M) | MS Part Number: 608518 Correlates: DC76AK |



Milking Solutions Parts Catalogue

Sección G2
Piezas Control Leche

| Image | Description | Code |
|---|---|----------------------------------|
|  | <p>MS Eprom para programa Windows GM3000</p> <p>MS Eprom for Display Box GM3000 Windows</p> <p>MS Eprom pour programme Windows GM3000</p> <p>MS Eprom für programmiert GM3000 Windows</p> | MS Part Number: 608173 |
| | | Correlates: D398582MS |
|  | <p>MS Eprom para programa GM 3000 (especificar versión de programa)</p> <p>MS Eprom for MR2000 Displ Box GM3000 (Check version)</p> <p>MS Eprom pour Programme GM3000 (spécifier version du programme)</p> <p>MS E-Prom für Programmiert GM3000 (Version muss angegeben werden)</p> | MS Part Number: 608171 |
| | | Correlates: D398512MS |
|  | <p>MS Pistas de circuito impreso para Mk1 versión 2</p> <p>MS PCB Connection Box Assy for Mark Mk1 Version 2 Unpotted</p> <p>MS Carte pour MK1 Version 2 (D)</p> <p>MS Gedruckte Schaltung für Mk1 Version 2 (M)</p> | MS Part Number: 608248 |
| | | Correlates: D492237MS |
|  | <p>MS Conector 9 Hembra</p> <p>MS Connector 9 Pin Female</p> <p>MS Connecteur 9 broches femelle</p> <p>MS Anschluss 9 Stecker Weibchen</p> | MS Part Number: 612507 |
| | | Correlates: M0003MS |
|  | <p>MS Conector 10 Hembra</p> <p>MS Connector 10 Pin Female</p> <p>MS Connecteur 10 Broches Femelle</p> <p>MS Anschluss 10 Stecker Weibchen</p> | MS Part Number: 612508 |
| | | Correlates: M0004MS |
|  | <p>MS Pistas de circuito impreso para Mk2 versión 2</p> <p>MS PCB Connection Box for Mark Mk2 Version 2</p> <p>MS P.C.B. pour Mk2 Version 2</p> <p>MS Platine für Mk2 Version 2</p> | MS Part Number: 608250 |
| | | Correlates: D492241MS |
|  | <p>MS Caja sin circuito</p> <p>Connection Box Drilled</p> <p>MS Boitier sans circuit</p> <p>MS Platinebox ohne Platine</p> | MS Part Number: 608158 |
| | | Correlates: D390644MS |
|  | <p>MS Tarjeta de conductividad para MR2000</p> <p>MS PCB Connection box Conductivity for MR2000</p> <p>MS P.C.B. Conductivité pour MR2000</p> <p>MS Platine Leitfähigkeit für MR2000</p> | MS Part Number: 607841 |
| | | Correlates: D255722MS |
|  | <p>MS Soporte de circuito 19.7mm</p> <p>MS Support PCB 19.7mm</p> <p>MS Support de circuit 19.7mm</p> <p>MS Halter 19.7mm</p> | MS Part Number: 607906 |
| | | Correlates: D269550MS |



| Image | Description | Code |
|-------|---|---|
| | <p>MS Prendaestopas Pg7 MS Cable-Gland Pg7 MS Presse étoupe Pg7 MS Kabelanschlussdichtung Pg7</p> | MS Part Number: 607905 Correlates: D269544MS |
| | <p>MS Interruptor doble polo 10A medidor de leche MS Switch Double Pole 10A Milk meter display MS Interrupteur double pôle 10A Compteur à lait MS Schalter Doppel-polig 10A Milchmenagemessgeräte</p> | MS Part Number: 607879 Correlates: D263701MS |
| | <p>MS Interruptor 3A 250V 3 Posiciones MS Switch 2 Pole 250V 3 Position OnOffOn MS Interrupteur 3A 250V 3 Positions MS 3-Positionsschalter 3A - 250V</p> | MS Part Number: 607881 Correlates: D263708MS |
| | <p>MS Tapa para D263701MS / 708MS / 714MS MS Cover Lever Switch for D263701MS / 708MS / 714MS MS Capuchon pour D263701MS / 708MS / 714MS MS Hebelschalter-Deckel für D263701MS / 708MS / 714MS</p> | MS Part Number: 607880 Correlates: D263702MS |
| | <p>MS Botón de Interruptor negro para MR2000 MS Switch Push Button N/O Black for MR2000 MS Bouton pousoir noir pour MR2000 MS Knopf Drucktaste Schwarz für MR2000</p> | MS Part Number: 607884 Correlates: D263732MS |
| | <p>MS Tapa de botón Neoprene para D263732MS MS Hood Neoprene Push Button for D263732MS MS Capuchon de bouton pousoir pour D263732MS MS Deckel für D263732 MS</p> | MS Part Number: 607885 Correlates: D263735MS |
| | <p>MS Interruptor reset puerta MS Gate Reset Switch (Whisker / Wand) MS Interrupteur fin de course de remise à zéro (M) MS Schalter mit Feder (D)</p> | MS Part Number: 609867 Correlates: P037000MS |
| | <p>MS Interruptor para accionar puerta para P037000MS MS Actuator Head Gate Reset Whisker Switch for P037000MS MS Interrupteur pour actionner porte pour P037000MS (M) MS-Schalter zu-Tür betätigen für P037000MS (M)</p> | MS Part Number: 608517 Correlates: DC75AK |
| | <p>MS Interruptor para reglaje puerta para P037000MS MS Whisker Only Gate Reset Switch for P037000MS MS Interrupteur pour réglage porte pour P037000MS (M) MS Schalter zur Einstellung Tür für P037000MS (M)</p> | MS Part Number: 608514 Correlates: DC72AK |



Milking Solutions Parts Catalogue

Sección G2
Piezas Control Leche

| Image | Description | Code |
|-------|---|----------------------------------|
| | ■ MS Rectificador 25A 100V ■ MS Rectifier 25A 100V ■ MS Pont de diode 25A 100V ■ MS Brücke-Gleichrichter 25A 100V | MS Part Number: 607908 |
| | | Correlates: D272508MS |
| | ■ MS Fusible 4A 5 x 20 para D700053 ■ MS Fuse Quick Blow 4A 5 x 20 for D700053 ■ MS Fusible 4A 5 x 20 pour D700053 ■ MS Sicherung 4A 5 x 20 für D700053 | MS Part Number: 607897 |
| | | Correlates: D263950MS |
| | ■ MS Fusible 6.3A programado 5 x 20 para D700053 ■ MS Fuse Time Lag 6.3A 5 x 20 for D700053 ■ MS Fusible 6.3A temporisé 5 x 20 pour D700053 ■ MS Sicherung 6.3A Gedrosselt 5 x 20 für D700053 | MS Part Number: 607899 |
| | | Correlates: D263952MS |
| | ■ Fuente de energía 9A ■ Power supply 9 amp ■ Alimentation 9A ■ Netzanschlußgerät 9A | MS Part Number: 303108 |
| | | Correlates: D480109 |
| | ■ MS Fusible 1A fusión rápida 5 x 20 para D480109 ■ MS Fuse Time Lag 1A 5 x 20 Glass for D480109 ■ MS Fusible 1A fusion rapide 5 x 20 pour D480109 ■ MS Sicherung 1A Schnellwirkend 5 x 20 für D480109 | MS Part Number: 607891 |
| | | Correlates: D263925MS |
| | ■ MS Fusible 15A rápido 6.35 x 32 para D480109 ■ MS Fuse Quick Blow 15A 6.35 x 32 for D480109 ■ MS Fusible 15A rapide 6.35 x 32 pour D480109 ■ MS Sicherung 15A Gedrosselt 6.35 x 32 für D480109 | MS Part Number: 607892 |
| | | Correlates: D263931MS |
| | ■ MS Equipo repuestos para Pulsameter 2 izquierda azul ■ MS Parts for Pulsameter 2 Left Blue Complete Assy ■ MS Pièces pour Pulsamètre 2 coté Gauche Bleu ■ MS Einheit für Pulsameter 2 Links Blau | MS Part Number: 612439 |
| | | Correlates: D492501BLU |
| | ■ MS Equipo repuestos para Pulsameter 2 derecha azul ■ MS Parts Pulsameter 2 Right Blue Complete Assy ■ MS Pièces pour Pulsamètre 2 coté Droit Bleu ■ MS Einheit für Pulsameter 2 Recht Blau | MS Part Number: 612445 |
| | | Correlates: D492601BLU |
| | ■ MS Kit de mantenimiento azul para Pulsameter 2 ■ MS Kit Service for Pulsameter 2 Blue ■ MS Kit de maintenance Bleu pour Pulsamètre 2 ■ MS Service Kit Blau für Pulsameter 2 | MS Part Number: 612450 |
| | | Correlates: PUL2B99MS |



Milking Solutions Parts Catalogue

Sección G2
Piezas Control Leche

| Image | Description | Code |
|-------|---|---|
| | <p>MS Membrana Ø63mm válvula de lavado azul para Pulsameter 2 MS Diaphragm Ø63mm Wash Valve Blue for Pulsameter 2 MS Membrane Ø63mm Vanne lavage Bleu pour Pulsamètre 2 MS Membrane Ø63mm Reinigungsventil Blau für Pulsameter 2</p> | MS Part Number: 612447 Correlates: PUL2B26MS |
| | <p>MS Membrana Ø48mm Válvula linea de leche azul para Pulsameter 2 MS Diaphragm Ø48mm Milk Line Valve Blue for Pulsamter 2 MS Membrane Ø48mm Vanne lait Bleu pour Pulsamètre 2 MS Membrane Ø48mm Absperrventil Blau für Pulsameter 2</p> | MS Part Number: 612446 Correlates: PUL2B07MS |
| | <p>MS Válvula azul para Pulsameter 2 MS Flap Valve Blue for Pulsameter 2 MS Valve Clapet Bleu pour Pulsamètre 2 MS Klappenventil Blau für Pulsameter 2</p> | MS Part Number: 612431 Correlates: PUL2B04MS |
| | <p>MS Junta plato de silicona claro para Pulsameter 2 MS Flat Silicone Ring Clear for Pulsameter 2 MS Joint plat en silicone Clair pour Pulsamètre 2 MS Silikon Scheibe klar für Pulsameter 2</p> | MS Part Number: 612432 Correlates: PUL2C23MS |
| | <p>MS Junta exterior válvula de lavado blanco para Pulsameter 2 MS Seal Ring Wash Valve Outside White for Pulsameter 2 MS Joint extérieur Vanne lavage Blanc pour Pulsamètre 2 MS Dichtung reinigungsventil Ausen Weiß für Pulsameter 2</p> | MS Part Number: 612448 Correlates: PUL2W24MS |
| | <p>MS Junta tapa azul para Pulsameter 2 MS Seal Lid Pulsameter 2 Blue for Pulsameter 2 MS Joint couvercle Bleu pour Pulsamètre 2 MS Dichtung Deckel Blau für Pulsameter 2</p> | MS Part Number: 612434 Correlates: PUL2B09MS |
| | <p>MS Kit de mantenimiento muestra azul para Pulsameter 2 MS Kit Service Sampler Pulsameter 2 Blue MS Kit de maintenance échantillonneur Bleu pour Pulsamètre 2 MS Service Kit Probierer Blau für Pulsameter 2</p> | MS Part Number: 612449 Correlates: PUL2B98MS |
| | <p>MS Válvula de ventilación azul para Pulsameter 2 MS Flap Ventilation Blue MS Clapet de ventilation Bleu pour Pulsamètre 2 MS Belüftungsplatte Blau für Pulsameter 2</p> | MS Part Number: 612437 Correlates: PUL2B32MS |
| | <p>MS Junta Nitrilo negro 28 x 3mm para Pulsameter 2 MS O Ring Nitrile Black 28x3mm for Pulsameter 2 MS Joint Nitrile Noir 28 x 3mm pour Pulsamètre 2 MS O Ring Nitrile Schwarz 28 x 3mm für Pulsameter 2</p> | MS Part Number: 612438 Correlates: PUL2N30MS |



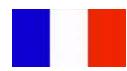
Milking Solutions Parts Catalogue

Sección G2
Piezas Control Leche

| Image | Description | Code |
|-------|--|----------------------------------|
| | ■ MS Tapón válvula sección superior azul para Pulsameter 2 ■ MS Valve Cap Upper Section Blue for Pulsameter 2 | MS Part Number: 612435 |
| | ■ MS Bouchon vanne section supérieure Bleu pour Pulsamètre 2 ■ MS Deckel Ventil Oberteil für Pulsameter 2 | Correlates: PUL2B06MS |



| Image | Description | Code |
|-------|--|----------------------------------|
| | <p>MS Paquete juntas de 30 unidades MS Pack Seal Forward (30)</p> | MS Part Number: 607814 |
| | <p>MS Sachet de 30 joints pour vanne MS Sack Vordere Dichtung (30)</p> | Correlates: D255577MS |
| | <p>MS Tapón para manija 14mm MS Plug 14mm for Milkveyor Handle</p> <p>MS Bouchon pour poignée 14mm MS Stöpsel für 14mm Handgriff</p> | MS Part Number: 608015 |
| | <p>MS Gancho tubo doble 40mm MS Clip Twin Tube 40Lg</p> <p>MS Attache double Tube 40mm MS Doppelrohr-Klammer 40mm</p> | MS Part Number: 608309 |
| | | Correlates: D500002MS |

 Feeding Ordinateurs - Alimentation Fütterung Ausserhalb des Melkstands Loopstal Voeren Alimentación



Milking Solutions Parts Catalogue

Sección H1

Distribuidores de Alimentos en la Sala de Ordeño

| Image | Description | Code |
|-------|---|---|
| | <p>Fuente de energía 9A Power supply 9 amp Alimentation 9A Netzanschlußgerät 9A</p> | MS Part Number: 303108 Correlates: D480109 |
| | <p>MS Fusible 15A rapido 6.35 x 32 para D480109 MS Fuse Quick Blow 15A 6.35 x 32 for D480109 MS Fusible 15A rapide 6.35 x 32 pour D480109 MS Sicherung 15A Gedrosselt 6.35 x 32 für D480109</p> | MS Part Number: 607892 Correlates: D263931MS |
| | <p>MS Fusible 1A fusión rápida 5 x 20 para D480109 MS Fuse Time Lag 1A 5 x 20 Glass for D480109 MS Fusible 1A fusion rapide 5 x 20 pour D480109 MS Sicherung 1A Schnellwirkend 5 x 20 für D480109</p> | MS Part Number: 607891 Correlates: D263925MS |
| | <p>MS Distribuidor de alimentación eléctrico MS Pack Feed Metering Unit Assy MS Distributeur d'alimentation électrique MS Kraftfutterdosiergerät</p> | MS Part Number: 608313 Correlates: D508027MS |
| | <p>MS Dosificador de acero inoxidable (sin motor o taladro) MS Metering Unit Body S/S (no motor or auger) MS Mesureur Inox (pas moteur ou tarière) (M) MS-Meter Rostfrei (ohne Motor oder Schnecke) (M)</p> | MS Part Number: 607831 Correlates: D255677MS |
| | <p>MS Taladro Mk2 Unidad de Medición MS Auger for Mk2 Metering Unit MS Vis de distribution pour Mk2 MS Futtereinheit für Mk2</p> | MS Part Number: 608314 Correlates: D508042MS |
| | <p>MS Paquete motor y montaje unidad de medición MS Pack Motor & Mount Metering Unit MS Moteur et ensemble fixation MS Sack Motor und Montage-Einheit</p> | MS Part Number: 607818 Correlates: D255646MS |
| | <p>MS Motor y adaptador soldado, sin montaje MS Motor & Welded Adaptor, no mount MS Moteur et adaptateur (M) MS Motor und Adapter Geschweißt (M)</p> | MS Part Number: 607852 Correlates: D260517+ |
| | <p>MS Collar de acero inoxidable 22 x 19 x 5mm MS Collar od 22mm x id 19mm x 5mm Stn St MS Collier en inox 22 x 19 x 5mm (M) MS Rostfrei Halsband 22 x 19 x 5mm (M)</p> | MS Part Number: 607930 Correlates: D328715MS |



Milking Solutions Parts Catalogue

Sección H1

Distribuidores de Alimentos en la Sala de Ordeño

| Image | Description | Code |
|-------|--|----------------------------------|
| | MS Plato para motor de montaje MS Plate Motor Mounting | MS Part Number: 607931 |
| | MS Plateau pour Moteur de Montage (M) MS Platte Motor Mount (M) | Correlates: D351723MS |
| | MS Tirante 10 x 27 Acetal MS Spacer Dia 10 x 27 Acetal | MS Part Number: 608160 |
| | MS Entretoise 10 x 27 Acetal (M) MS Abstandshalter 10 x 27 Acetal (M) | Correlates: D390655MS |
| | MS Tornillo CSK SKT M6 x 40 STL Z/P MS Screw CSK SKT Cap M6 x 40 STL Z/P | MS Part Number: 607612 |
| | MS Vis CSK SKT M6 x 40 STL Z/P (M) MS Schraube CSK SKT M6 x 40 STL Z/P (M) | Correlates: D202707MS |
| | MS Pasador partido 2 x 25 Z/P MS Pin Split 2 x 25 Z/P | MS Part Number: 607644 |
| | MS Cheville fendue 2 x 25 Zingué Z/P (M) MS Splint 2 x 25 Z/P (M) | Correlates: D205702MS |
| | MS Pasador tensión Dia 4 x 18 acero STL Z/P MS Pin Tension Dia 4 x 18 STL Z/P | MS Part Number: 607645 |
| | MS Cheville Tension Dia 4 x 18 Acier Zingué STL Z/P MS Stift Dia 4 x 18 STL Z/P | Correlates: D205703MS |
| | MS Adaptador MS Adaptor Drive Motor | MS Part Number: 607927 |
| | MS Adaptateur(M) MS Adapter (M) | Correlates: D327748MS |
| | MS Tubo PVC 100NB reforzado Heliflex naranja (m) MS Tube PVC Reinforced 100NB Heliflex Orange (m) | MS Part Number: 607537 |
| | MS Tube PVC flexible Heliflex orange 100NB (m) MS Schlauch PVC Drahtverstärkt elastisch Heliflex Orange 100NB (m) | Correlates: A762100MS |
| | MS Fusible 20A rapido 6.35 x 32 para D508037 MS Fuse Quick Blow 20A 6.35 X 32 for D508037 | MS Part Number: 607896 |
| | MS Fusible 20A rapide 6.35 x 32 pour D508037 MS Sicherung 20A Schnell Wirkend 6.35 x 32 für D508037 | Correlates: D263945MS |
| | MS Fusible 25A rapido 6.35 x 32 para D508000 MS Fuse Quick Blow 25A 6.35 x 32 for D508000 | MS Part Number: 607894 |
| | MS Fusible 25A rapide 6.35 x 32 pour D508000 MS Sicherung 25A Schnell Wirkend 6.35 x 32 für D508000 | Correlates: D263943MS |



Milking Solutions Parts Catalogue

Sección H1

Distribuidores de Alimentos en la Sala de Ordeño

| Image | Description | Code |
|-------|---|---|
| | MS Fusible programmed 5A 6.35 x 32 para D508037/D508000 MS Fuse Time Lag 5A 6.35 x 32 Feed Conn Box for D508037/D508000 MS Fusible 5A temporisé 6.35 x 32 pour D508037/D508000 MS Sicherung 5A mit Verzögerung 6.35 x 32 für D508037/D508000 | MS Part Number: 607895 Correlates: D263944MS |
| | MS Bombillo 14V 0.75W para D508134 (individual) MS Bulb 0.75Kw 14V for D508134 (Single) MS Ampoule 14V 0.75W pour D508134 MS Birne 14V 0.75W für D508134 | MS Part Number: 607890 Correlates: D263883MS |
| | MS Interruptor 3A 250V 3 Posiciones MS Switch 2 Pole 250V 3 Position OnOffOn MS Interrupteur 3A 250V 3 Positions MS 3-Positionsschalter 3A - 250V | MS Part Number: 607881 Correlates: D263708MS |
| | MS Micro interruptor 5A para D508134 MS Microswitch 5A for D508134 MS Micro interrupteur 5A pour D508134 MS Mikroschalter 5A für D508134 | MS Part Number: 607882 Correlates: D263709MS |
| | MS Motor síncrono y caja de cambios MS Motor Synchronous & Gearbox MS Micromoteur MS Synchron Motor Einweg | MS Part Number: 607851 Correlates: D260501MS |
| | MS Diodo IN5401 3A 100V MS Diode 1N5401 3A 100V MS Diode 1N5401 3A 100V MS Diode 1N5401 3A 100V | MS Part Number: 607909 Correlates: D272509MS |
| | MS Fusible 1.25A programado 5 x 20 para MF2000 MDU MS Fuse Time Lag 1.25A 5 x 20 for MF2000 MDU MS Fusible 1.25A temporisé 5 x 20 pour MF2000 MDU MS Sicherung 1.25A mit Verzögerung 5 x 20 für MF2000 MDU | MS Part Number: 607900 Correlates: D263956MS |
| | MS Fusible programado 4A 5 x 20 para MF2000 MDU MS Fuse Time Lag 4A 5 x 20 for MF2000 MDU MS Fusible temporisé 4A 5 x 20 pour MF2000 MDU MS Sicherung 4A mit Verzögerung 5 x 20 für MF2000 MDU | MS Part Number: 607898 Correlates: D263951MS |
| | MS Fusible 2A rapido 5x20mm MS Fuse Quick Blow 2A 5x20mm MS Fusible 2A rapide 5x20mm MS Sicherung 2A Schnell wirken 5x20mm | MS Part Number: 612455 Correlates: D263933MS |



Milking Solutions Parts Catalogue

Sección H1

Distribuidores de Alimentos en la Sala de Ordeño

| Image | Description | Code |
|-------|---|--|
| | <p>MS Fusible 3,15A para circuito impreso Fullwood caja de control de potencia</p> <p>MS Fuse 3.15A for PCB Fullwood Feeder Control Box</p> <p>MS Fusible 3,15A pour circuit imprimé Fullwood boite de contrôle d'alimentation</p> <p>MS Sicherung 3,15 A für PCB Fullwood Fütterer Kontrolle Box</p> | <p>MS Part Number:</p> <p>612481</p> <p>Correlates:</p> <p>M0001MS</p> |



Milking Solutions Parts Catalogue

Sección H2

Computadores - Alimentación

| Image | Description | Code |
|-------|--|---|
| | <p>MS Dispensador de alimento inox 190 x 390 MS Feed Dispenser 190 x 390 As OOPF Stn St</p> <p>MS Trémis dac en inox 390 x 180 MS Futterzuteileinheit 180 x 390 Rostfrei</p> | MS Part Number: 608315 Correlates: D508244MS |
| | <p>MS Dispensador de alimento 190 x 390 OOPF Galv MS Feed Dispenser 190 x 390 Assy OOPF Galv</p> <p>MS Trémis pour bouchon standard Galv. 190 x 390 MS Futterzuteileinheit für normale pellets 390 x 180 Galv.</p> | MS Part Number: 608789 Correlates: H813930MS |
| | <p>MS Motor 24V AC 50Hz 6RPM OOPF + Condensador MS Motor 24V AC 50Hz 6RPM OOPF + Capacitor</p> <p>MS Moteur 24V AC 50Hz 6RPM OOPF + Condensateur MS Motor 24V Wechselstrom 50Hz 6RPM OOPF + Kondensator</p> | MS Part Number: 607854 Correlates: D260522MS |
| | <p>MS Condensador 22Uf OOPF (D260522MS) MS Capacitor 22Uf OOPF (D260522MS)</p> <p>MS Condensateur 22Uf OOPF (D260522MS) (M) MS Kondensator 22Uf OOPF (D260522MS) (M)</p> | MS Part Number: 608534 Correlates: DC92AK |
| | <p>MS Kit barra detrás motor OOPF MS Kit Rear Bar Motor OOPF</p> <p>MS Kit Barre arrière Moteur OOPF (M) MS Set Hinterer Stange Motor OOPF (M)</p> | MS Part Number: 608533 Correlates: DC91AK |
| | <p>MS Motor 24V 24V AC 50Hz 6 RPM MS Motor ID2000 24V 50Hz 6RPM OOPF</p> <p>MS Moteur 24V AC 50Hz 6 RPM MS Motor 24V Wechselstrom 50Hz 6RPM</p> | MS Part Number: 608794 Correlates: H824210MS |
| | <p>MS Solenoide 24VDC para ID2000 MS Solenoid 24V DC for ID2000</p> <p>MS Electro aimant 24V DC pour ID2000 MS Magnetventil 24V DC für ID2000</p> | MS Part Number: 608795 Correlates: H825520MS |
| | <p>MS Conector con rectificador para solenoide MS Plug + Rectifier For Solenoid</p> <p>MS Connecteur avec redresseur MS Stecker mit Gleichrichter</p> | MS Part Number: 608796 Correlates: H825620MS |
| | <p>MS Fusible T15A 6.35 x 32mm MS Fuse Time Lag T15A 6.35 x 32mm</p> <p>MS Fusible T15A 6.35 x 32mm MS Sicherung T15A 6.35 x 32mm</p> | MS Part Number: 607901 Correlates: D263966MS |



Milking Solutions Parts Catalogue

Sección H2

Computadores - Alimentación

| Image | Description | Code |
|-------|--|---|
| | <p>MS Tarjeta para alimento caja de relevo GM 3000 MS PCB for Feed Relay Box GM3000 MS Circuit imprimé pour aliment boîtier relais GM 3000 MS P.C.B. für Futterarten Relaiskasten GM 3000</p> | MS Part Number: 608263 Correlates: D493200MS |
| | <p>MS Panel de antena O-O-P-F-S Normal MS Aerial Loop O-O-P-F-S Normal MS Panneau d'antenne MS Einheit Ringantenne</p> | MS Part Number: 608792 Correlates: H823960MS |
| | <p>MS Equipo pesebre para Tiris MS Manger Assembly for Tiris MS Ensemble mangeoire pour Tiris (M) MS Einheit Futterschale für Tiris (M)</p> | MS Part Number: 608317 Correlates: D508259MS |
| | <p>MS Tarjeta + cable coaxial para H814460 / H823960MS MS PCB & Coax Cable for H814460 / H823960MS MS Cable coaxial et carte pour H814460 / H823960MS MS Platine mit Koaxalkabel für H814460 / H823960MS</p> | MS Part Number: 608798 Correlates: H850930MS |
| | <p>MS Relé 12V 15A para MR2000 H858930 MS Relay 12V 15A for MR2000 H858930 MS Relais 12V 15A pour MR2000 H858930 MS Relais 12V 15A für MR2000 H858930</p> | MS Part Number: 607862 Correlates: D262508MS |
| | <p>MS Antena para Tiris para ICT/IST (D262638 Flex) MS Antenna For Central Id Tiris (D262638 Flex) MS Antenne rigide pour Tiris pour ICT/IST (D262638 Flex) MS Antenne für Zentrale Tiererkennung (D262638 Flex)</p> | MS Part Number: 608319 Correlates: D510029MS |
| | <p>MS Torsión del resorte para el dispensador kilometric MS Spring Torsion for Kilomatic Dispenser MS Ressort Dispenseur pour Kilomatic MS Feder Futterung für Kilomatic</p> | MS Part Number: 608780 Correlates: H790020MS |
| | <p>MS Battería de litio 180M AH 3 V MS Battery Lithium 180M AH 3V MS Batterie lithium 180M AH 3 V MS Batterie lithium 180M AH 3 V</p> | MS Part Number: 609876 Correlates: Z064820MS |
| | <p>MS Teclado a membrana para Speedkey MS Membrane Keypad for Speedkey MS clavier à membrane pour Speedkey (M) MS Folientastatur für Speedkey (M)</p> | MS Part Number: 608530 Correlates: DC88AK |



Milking Solutions Parts Catalogue

Sección H3

Piezas para Caja de Identificación

| Image | Description | Code |
|-------|--|---|
| | ■ MS Etiqueta de oreja Tiris hembra 3cm - vaca ■ MS Eartag 3cm High Performance Female ■ MS Boucle oreille Tiris Femelle 3cm - vache ■ MS Ohrmarke Standard 3cm Ohne Rückerteil-Küh | MS Part Number: 608320 Correlates: D510079MS |
| | ■ MS Botón macho - Varilla estándar 25mm ■ MS Button Male Standard Stem 25mm ■ MS Bouton mâle - Tige standard 25mm ■ MS Rückenteil für Ohrmarke 25mm | MS Part Number: 608321 Correlates: D510081MS |
| | ■ MS Botón macho 20mm Varilla corta ■ MS Button Male Short Stem 20mm ■ MS Bouton pour mâle 20mm Tige courte (M) ■ MS Rückenteil für Ohrmarke 20mm (M) | MS Part Number: 608323 Correlates: D510085MS |
| | ■ MS Pinza para etiqueta Varilla estándar ■ MS Applicator Tag Std Stem ■ MS Pince pour boucle tige standard ■ MS Zange für Ohrmarke | MS Part Number: 608322 Correlates: D510082MS |
| | ■ MS Soporte para hembra para etiqueta Tiris cuello gris ■ MS Holder for Female Tiris Tag/Grey Collar ■ MS Support gris pour Boucle Tiris Femelle (M) ■ MS Stützen für Ohrmarke weiblich Tiris Grau (M) | MS Part Number: 608474 Correlates: DC35AK |
| | ■ MS Cincha nylon Transponder 120cm x 4cm x 4mm ■ MS Collar Nylon Transponder 120cm x 4cm x 4mm ■ MS Sangle 120cm x 4cm x 4mm ■ MS Halsband 120cm x 4 cm x 4mm | MS Part Number: 608782 Correlates: H802520MS |
| | ■ MS Bucle naranja de plástico ■ MS Loop Collar Plastic Orange ■ MS Passant orange en plastique ■ MS Halsbandring orange plastik | MS Part Number: 608783 Correlates: H802610MS |
| | ■ MS Tenedor de transponder plano naranja ■ MS Transponder Holder Flat Type ■ MS Boitier orange ■ MS Traspondergehäuse Orange | MS Part Number: 608075 Correlates: D385593MS |
| | ■ MS Caja MR naranja ■ MS Transponder Holder Pendant Orange ■ MS Boitier MR Orange ■ MS Gehäuse orange | MS Part Number: 608784 Correlates: H802930MS |



Milking Solutions Parts Catalogue

Sección H3

Piezas para Caja de Identificación

| Image | Description | Code |
|-------|--|--|
| | MS Numero "0" naranja p/collar solo MS Marker Tag No 0 (Single) Orange MS Numéro simple nº 0 Orange MS Halsbandnummer nur als einelnummer Nr 0 Orange | MS Part Number: 608809 Correlates: KKN0MS |
| | MS Numero "1" naranja p/collar solo MS Marker Tag No 1 (Single) Orange MS Numéro simple nº 1 Orange MS Halsbandnummer nur als einelnummer Nr 1 Orange | MS Part Number: 608810 Correlates: KKN1MS |
| | MS Numero "2" naranja p/collar solo MS Marker Tag No 2 (Single) Orange MS Numéro simple nº 2 Orange MS Halsbandnummer nur als einelnummer Nr 2 Orange | MS Part Number: 608811 Correlates: KKN2MS |
| | MS Numero "3" naranja p/collar solo MS Marker Tag No 3 (Single) Orange MS Numéro simple nº 3 Orange MS Halsbandnummer nur als einelnummer Nr 3 Orange | MS Part Number: 608812 Correlates: KKN3MS |
| | MS Numero "4" naranja p/collar solo MS Marker Tag No 4 (Single) Orange MS Numéro simple nº 4 Orange MS Halsbandnummer nur als einelnummer Nr 4 Orange | MS Part Number: 608813 Correlates: KKN4MS |
| | MS Numero "5" naranja p/collar solo MS Marker Tag No 5 (Single) Orange MS Numéro simple nº 5 Orange MS Halsbandnummer nur als einelnummer Nr 5 Orange | MS Part Number: 608814 Correlates: KKN5MS |
| | MS Numero "6/9" naranja p/collar solo MS Marker Tag No 6 / 9 (Single) Orange MS Numéro simple nº 6 / 9 Orange MS Halsbandnummer nur als einelnummer Nr 6 / 9 Orange | MS Part Number: 608815 Correlates: KKN6MS |
| | MS Numero "7" naranja p/collar solo MS Marker Tag No 7 (Single) Orange MS Numéro simple nº 7 Orange MS Halsbandnummer nur als einelnummer Nr 7 Orange | MS Part Number: 608816 Correlates: KKN7MS |
| | MS Numero "8" naranja p/collar solo MS Marker Tag No 8 (Single) Orange MS Numéro simple nº 8 Orange MS Halsbandnummer nur als einelnummer Nr 8 Orange | MS Part Number: 608817 Correlates: KKN8MS |

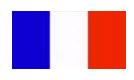


Milking Solutions Parts Catalogue

Sección H3

Piezas para Caja de Identificación

| Image | Description | Code |
|-------|--------------------------------------|---------------------------------|
| | MS Marker Tag Pair (2 Digits) Yellow | MS Part Number: N/A |
| | MS 2 x 2 Numéros Jaune | Correlates: KKNR0??MS |
| | MS 2 x 2 Numbers Gelb | |
| | MS 2 x 3 Numeros amarillo | MS Part Number: N/A |
| | MS Marker Tag Pair (3 Digits) Yellow | |
| | MS 2 x 3 Numéros Jaune | Correlates: KKNR???MS |
| | MS 2 x 3 Numbers Gelb | |

 **Washing & Cooling** **Lavage & Refroidissement** **Reinigungsaurüstung** **Reinigingsapparatuur** **Lavado y Refrigeración**



Milking Solutions Parts Catalogue

Sección I1
Plato de lavado

| Image | Description | Code |
|-------|--|---|
| | ■ MS Paquete de 4 copas de lavado ■ MS Pack Wash Cup (4) ■ MS Sachet de 4 coupes laveuses ■ MS Spülbecher Sack (4) | MS Part Number: 607971 Correlates: D381599X4MS |
| | ■ MS Conector de lavado ■ MS Claw Circulation Wash ■ MS Connecteur de lavage ■ MS Verteilerstück Zirkulationsreinigung | MS Part Number: 608722 Correlates: G055505MS |
| | ■ MS Lavado de colector ■ MS Wash Claw Assy ■ MS Connecteur acid. ■ MS Verteilerstück Säurereinigung | MS Part Number: 608742 Correlates: G332020MS |
| | ■ MS Reducción para G332020MS ■ MS Reducer for G332020MS ■ MS Connecteur Acid. pour G332020MS (M) ■ MS Verteilerstück Säurereinigung für G332020MS (M) | MS Part Number: 608460 Correlates: DC21AK |
| | ■ MS Bomba de agua 25-28mm ■ MS Int Jetter 25/30 ■ MS Tête de lavage 25-28mm (M) ■ MS Wasserpumpe 25-28mm (M) | MS Part Number: 608411 Correlates: D704351MS |
| | ■ MS Ducha contrapezoneras ■ MS Wash Jetter Assy ■ MS Plateau Jetters ■ MS Spülaufnahme | MS Part Number: 608292 Correlates: D498740MS |
| | ■ MS Paquete Tapas de lavado para Isojet (4) ■ MS Pack Seal for Isojet (4) ■ MS Sachet de Coupelles de Lavage pour Isojet (4) ■ MS Einlageringsatz für Isojet (4) | MS Part Number: 608282 Correlates: D498729X4MS |
| | ■ MS Gancho de soporte de bandeja para Isojet naranja ■ MS Bracket Hinge for Isojet Orange ■ MS Charnière orange pour Isojet (M) ■ MS Scharnier orange für Isojet (M) | MS Part Number: 608104 Correlates: D385676MS |
| | ■ MS Soporte bandeja de lavado H para Isojet ■ MS Body H for Isojet ■ MS Corps H pour Isojet (M) ■ MS Körper H für Isojet (M) | MS Part Number: 608102 Correlates: D385675MS |



Milking Solutions Parts Catalogue

Sección I1
Plato de lavado

| Image | Description | Code |
|-------|---|----------------------------------|
| | ■ MS Paquete boquilla 20mm plástico (4) Isojet ■ MS Pack Nipple 20mm Plastic Orange (4) ■ MS Sachet chanelles 20mm plastique (4) ■ MS Spülfinger 20mm Plastik (4) | MS Part Number: 608283 |
| | | Correlates: D498730MS |
| | ■ MS Paquete boquilla 23mm plástico (4) para Isojet ■ MS Pack Nipple 23mm Plastic (4) for Isojet ■ MS Sachet de 4 Chadelles en plastique 23mm pour Isojet ■ MS Spülfinger Plastik 23mm (4) für Isojet | MS Part Number: 608284 |
| | | Correlates: D498731MS |
| | ■ MS Paquete boquilla 27mm plástico (4) para Isojet ■ MS Pack Nipple 27mm Plastic (4) for Isojet ■ MS Sachet de 4 Chadelles en plastique 27mm pour Isojet ■ MS Spülfinger Plastik 27mm (4) für Isojet | MS Part Number: 608285 |
| | | Correlates: D498732MS |
| | ■ MS Paquete de tornillos inox 8mm x 31.7 AB para Isojet ■ MS Screw CSK Pozi 8mm x 31.7 AB S/S for Isojet ■ MS Sachet de Vis en Inox Cruciforme 8mm x 31.7 AB pour Isojet ■ MS Sack Schraube Rostfrei 8mm x 31.7 AB für Isojet | MS Part Number: 607613 |
| | | Correlates: D202714MS |
| | ■ MS Resorte de compresión para Isojet ■ MS Spring Compression Detent for Isojet ■ MS Ressort de compression pour Isojet ■ MS Druckfeder für Isojet | MS Part Number: 607776 |
| | | Correlates: D243717MS |
| | ■ MS Tapón para Isojet ■ MS Plug for Isojet ■ MS Bouchon pour Isojet ■ MS Stopfen für Isojet | MS Part Number: 608107 |
| | | Correlates: D385678MS |
| | ■ MS Toma entrada para Isojet-Caprijet ■ MS Nozzle Inlet for Isojet ■ MS Buse entrée d'eau pour Isojet ■ MS Einlaßstutzen für Isojet | MS Part Number: 608302 |
| | | Correlates: D498747MS |
| | ■ MS Válvula de chequeo para Isojet (Naranja D498762) ■ MS Check Valve for Isojet (Orange D498762) ■ MS Clapet anti-retour pour Isojet (Orange D498762) ■ MS Kontrollventil für Isojet (Orange D498762) | MS Part Number: 608288 |
| | | Correlates: D498734MS |
| | ■ MS Tapón para Isojet ■ MS Drain Valve for Isojet ■ MS Bouchon pour Isojet ■ MS Stopfen für Isojet | MS Part Number: 608115 |
| | | Correlates: D385697MS |



Milking Solutions Parts Catalogue

Sección I1
Plato de lavado

| Image | Description | Code |
|-------|--|---|
| | ■ MS Soporte lavado Isolac naranja ■ MS Pack Cluster Support Bracket ■ MS Ensemble Support de griffe pour Faisceaux ORANGE ■ MS Sack Halter für Melkeinheiten ORANGE | MS Part Number: 608228 Correlates: D492192MS |
| | ■ MS Soporte naranja para grupo de ordeño ■ MS Bracket Cluster Support ■ MS Support orange pour Faisceaux ■ MS Halter Orange | MS Part Number: 608095 Correlates: D385660MS |
| | ■ MS Paquete Abarcon y silla gris 40mm (2) ■ MS Pack U Bolt & Saddle 40mm Grey (2) ■ MS Sachet Collier Bosal gris (Etrier/Bride Plastique) 40mm (2) ■ MS Grau U Bolzen und Sattel 40mm Sack (2) | MS Part Number: 607828 Correlates: D255663GREYMS |
| | ■ MS Paquete Abarcon y silla Naranja 40mm (2) ■ MS Pack U Bolt & Saddle 40mm (2) ■ MS Sachet Collier Bosal orange (Etrier/Bride Plastique) 40mm (2) ■ MS Orange U-Bolzen und Sattel 40mm Sack (2) | MS Part Number: 607829 Correlates: D255663MS |
| | ■ MS Ducha contrapezoneras - Gris ■ MS Wash Jetter Assy GREY ■ MS Plateau Jetters - Gris ■ MS Spülaufnahme GRAU | MS Part Number: 608291 Correlates: D498740GRYCHKMS |
| | ■ MS Paquete Tapas de lavado para Isojet (4) GRIS ■ MS Pack Seal for Isojet (4) GREY ■ MS Sachet de Coupelles de Lavage pour Isojet (4) GRIS ■ MS Einlageringsatz für Isojet (4) GRAU | MS Part Number: 608281 Correlates: D498729X4GREYMS |
| | ■ MS Tapón gris para Isojet ■ MS Plug for Isojet GREY ■ MS Bouchon gris pour Isojet ■ MS Stopfen für Isojet Grau | MS Part Number: 608106 Correlates: D385678GREYMS |
| | ■ MS Toma entrada para Isojet-Caprijet gris ■ MS Nozzle Inlet for Isojet - GREY ■ MS Buse entrée d'eau pour Isojet GRIS ■ MS Einlaßstutzen für Isojet GRAU | MS Part Number: 608301 Correlates: D498747GREYMS |
| | ■ MS Válvula de chequeo para Isojet GRIS ■ MS Check Valve for Isojet GREY ■ MS Clapet anti-retour pour Isojet GRIS ■ MS Kontrollventil für Isojet GRAU | MS Part Number: 608287 Correlates: D498734GREYMS |



Milking Solutions Parts Catalogue

Sección I1
Plato de lavado

| Image | Description | Code |
|-------|--|-------------------------------------|
| | ■ MS Tapón para Isojet gris ■ MS Drain Valve for Isojet GREY | MS Part Number: 608114 |
| | ■ MS Bouchon pour Isojet gris ■ MS Stopfen für Isojet grau | Correlates: D385697GREYMS |
| | ■ MS Soporte lavado Isolac gris ■ MS Pack Cluster Support Bracket GREY | MS Part Number: 608227 |
| | ■ MS Ensemble Support de griffe pour Faisceaux GRIS ■ MS Sack Halter für Melkeinheiten GRAU | Correlates: D492192GREYMS |
| | ■ MS Soporte gris para grupo de ordeño ■ MS Bracket Cluster Support GREY | MS Part Number: 608094 |
| | ■ Ms Support gris pour Faisceaux ■ MS Halter Grau | Correlates: D385660GREYMS |
| | ■ MS Equipo ducha cabra ■ MS Goat Wash Jetter Assy | MS Part Number: 608307 |
| | ■ MS Chèvre Ensemble Plateau de Lavage ■ MS Ziegen Spülaufnahme | Correlates: D498794MS |
| | ■ MS Paquete juntas para Caprijet ■ MS Pack Seal for Caprijet** | MS Part Number: 608299 |
| | ■ MS Sachet Ensemble Joints pour Caprijet Mk2 (4) ■ MS Sack Dichtungseinheit für Caprijet Mk2 (4) | Correlates: D498745X4MS |
| | ■ MS Gancho para Caprijet Mk2 ■ MS Clip for Caprijet Mk2** | MS Part Number: 608138 |
| | ■ MS Attache pour Caprijet Mk2 ■ MS Klammer für Caprijet Mk2 | Correlates: D385838MS |



Milking Solutions Parts Catalogue

Sección I2

Sistema de Lavado Automático y Drenaje

| Image | Description | Code |
|-------|--|----------------------------------|
| | MS Membrana para DV4 (vieja) MS Diaphragm for DV4 Old Type | MS Part Number: 607976 |
| | MS Membrane pour DV4 (ancien) MS Membrane für DV4 (Alt) | Correlates: D381662MS |
| | MS Filtro de aire para Lectron (5) D390500MS MS Filter Element for Lectron (5 Pack) D390500MS | MS Part Number: 607804 |
| | MS Sachet de 5 filtres à air pour Lectron D390500MS MS Sack Filter für Lectron (5) D390500MS | Correlates: D255506MS |
| | MS Interruptor 1 polo 3A tornillos de los terminales para D498721 MS Switch 1 Pole 3A Screw Terminals for D498721 | MS Part Number: 607883 |
| | MS Interrupteur 1 Pôle 3A Borne à vis pour D498721 MS Kippschalter 1 Polig 3A für D498721 | Correlates: D263714MS |
| | MS Membrana para DV5 / DV4 (nueva) MS Diaphragm for DV5 / DV4 New Type | MS Part Number: 607979 |
| | MS Membrane pour DV5 / DV4 (neuf) MS Membrane für DV5 / DV4 (Neu) | Correlates: D381667MS |
| | MS Resorte de compresión para la bomba DV4 MS Spring Compression for DV4 Diaphragm pump | MS Part Number: 607771 |
| | MS Ressort de compression pour pompe DV4 MS Druckfeder für DV4 pump | Correlates: D243712MS |
| | MS Tapón para válvula DV1 DV5 & DV4 MS Cap for DV1 DV5 & DV4 Valve | MS Part Number: 608069 |
| | MS Couvercle pour DV1 DV5 & DV4 MS Deckel für DV1 DV5 & DV4 | Correlates: D385574MS |
| | MS Abrazadera para válvula D480074MS/D480075MS MS Ring Locking for DV1 DV4 & DV5 Valves D480074MS/D480075MS | MS Part Number: 608068 |
| | MS Anneau de blocage pour D480074MS/D480075MS MS Verschraubungsring für D480074MS/D480075MS | Correlates: D385573MS |
| | MS Gancho inox 70-55 para Servo MS Hose Clip Worm Drive 70-55 S/S for Servo | MS Part Number: 607658 |
| | MS Raccord en inox 70-55 pour Servo MS Schlauchklemme Rostfrei 70-55 für Servo | Correlates: D209719MS |
| | MS Electroválvula 24V Ø50 completa MS Valve Dump 50mm 24 Volt Complete | MS Part Number: 608777 |
| | MS Electrovanne 24V Ø50 normalement fermé MS Ventileinheit 24V Ø50 Normalerweise Geschlossen | Correlates: H461550MS |



Milking Solutions Parts Catalogue

Sección I2

Sistema de Lavado Automático y Drenaje

| Image | Description | Code |
|-------|---|--|
| | <p>MS Bobina 24V para H461550MS MS Coil 24V Volts for H461550MS MS Bobine 24V pour H461550MS MS Spule 24V für H461550MS</p> | <p>MS Part Number: 608778</p> |
| | | <p>Correlates: H464310MS</p> |
| | <p>MS Bobina negra 230V 50/60Hz ED 40% Max 45 min MS Solenoid Coil Black 230V 50/60Hz ED 40% Max 45 min MS Bobine Noire 230V 50/60Hz ED 40% Max 45 min (M) MS Magnetventil Schwarz 230V 50/60Hz ED 40% Max 45 min (M)</p> | <p>MS Part Number: 608471</p> |
| | | <p>Correlates: DC32AK</p> |
| | <p>MS Electroválvula 240V Ø50mm - Normalmente Cerrado para Servo MS Valve Assy 240V 50mm Normally Closed for Servo MS Electrovanne 240V Ø50mm - normalement Fermé pour Servo MS Ventileinheit 240V Ø50mm - Normalerweise geschlossen für Servo</p> | <p>MS Part Number: 607870</p> |
| | | <p>Correlates: D262571MS</p> |
| | <p>MS Bobina negra 230V para D262571 (no MS) para Servo MS Coil Black 240 Volts for D262571 (not MS) for Servo MS Bobine noire 230V pour D262571 (pas MS) pour Servo MS Spule 230V 33W für D262571 Schwarz (nicht MS) für Servo</p> | <p>MS Part Number: 607871</p> |
| | | <p>Correlates: D262578MS</p> |
| | <p>MS Paquete 6 chimeneas para Lectron MS Pack Chimney for Lectron (6) MS Sachet 6 cheminées ensemble pour Lectron MS Zylinder Sack für Lectron (6)</p> | <p>MS Part Number: 608064</p> |
| | | <p>Correlates: D385537X6MS</p> |
| | <p>MS Paquete de mazarotas y juntas (6) MS Pack Shuttle & Seal (6) MS Sachet de Masselottes & Joints (6) MS Schiffchen en Dichtung Sack (6)</p> | <p>MS Part Number: 607832</p> |
| | | <p>Correlates: D255682MS</p> |
| | <p>MS Bobina amarilla MS Solenoid Coil Yellow MS Bobine Jaune MS Magnetventil Gelb</p> | <p>MS Part Number: 607863</p> |
| | | <p>Correlates: D262513MS</p> |
| | <p>MS Soporte de solenoide MS Bracket Solenoid MS Etrier recuit MS Magnetventil-Halterung</p> | <p>MS Part Number: 607865</p> |
| | | <p>Correlates: D262514MS</p> |
| | <p>MS Electroválvula 24V Ac 3/4 BSP F (Funcionamiento Manual) MS Electrovalve 24V Ac 3/4 BSP F (Manual Operate) MS Electrovanne 24V Ac 3/4 BSP F MS Magnetventil 24V Ac 3/4 BSP F</p> | <p>MS Part Number: 607874</p> |
| | | <p>Correlates: D262652MS</p> |



Milking Solutions Parts Catalogue

Sección I2

Sistema de Lavado Automático y Drenaje

| Image | Description | Code |
|-------|---|--|
| | <p>MS Kit de servicio para bobina D262587 + 8/3 Aquastar MS Service Kit for Solenoid D262587 + 8/3 Aquastar MS Kit de service pour Bobine D262587 + 8/3 Aquastar (M) MS Service Set für Magnetventiel D262587 + 8/3 Aquastar (M)</p> | <p>MS Part Number: 608433</p> <p>Correlates: DC01AK</p> |
| | <p>MS Kit de mantenimiento para bobina D262652MS Aquastar MS Service Kit for Solenoid D262652MS Aquastar MS Ensemble pièces pour bobine D262652MS Aquastar (M) MS Magnetventielset für D262652MS Aquastar (M)</p> | <p>MS Part Number: 608454</p> <p>Correlates: DC15AK</p> |
| | <p>MS Electroválvula 24V AC para Aquastar MS Solenoid Valve 24 Volt AC for Aquastar MS Electrovanne 24V AC pour Aquastar (D) MS Magnetventiel 24V AC für Aquastar (M)</p> | <p>MS Part Number: 608455</p> <p>Correlates: DC16AK</p> |
| | <p>MS Membrana para Aquastar MS Membrane Keypad for Aquastar MS Membrane pour Aquastar MS Membran für Aquastar ohne Deckel</p> | <p>MS Part Number: 607888</p> <p>Correlates: D263756MS</p> |
| | <p>MS Válvula de lavado 50mm Push On - cerrado normal MS Valve 50Mm N/C Push On MS Valve de lavage 50mm Push On - fermé normal MS Reinigungsventil 50mm zum aufstecken normalerweise geschlossen</p> | <p>MS Part Number: 608289</p> <p>Correlates: D498736MS</p> |
| | <p>MS Válvula conversión de 3 vías Ø50 MS Changeover Valve D50 Clamp on MS Vannes à 3 voies Ø50 pour raccord à sertir MS Wechselventil Ø50 zum Aufstecken</p> | <p>MS Part Number: 608296</p> <p>Correlates: D498744MS</p> |
| | <p>MS Resorte de compresión de acero inoxidable para Válvula de lavado Aquastar MS Spring Compression for Wash Valve S/S Aquastar MS Ressort en Inox pour Valve de Lavage Aquastar MS Druckfeder Rostfrei für Reinigungsventile Aquastar</p> | <p>MS Part Number: 607778</p> <p>Correlates: D243721MS</p> |
| | <p>MS Membrana válvula de lavado Ø50mm para Aquastar MS Diaphragm 50mm Valve for Aquastar MS Membrane valve de lavage Ø50mm pour Aquastar MS Membran Reinigungsventile Ø50mm für Aquastar</p> | <p>MS Part Number: 607983</p> <p>Correlates: D381673MS</p> |
| | <p>MS Junta válvula de lavado Ø50mm para Aquastar MS Seal Wash Valve 50mm for Aquastar MS Joint Valve de Lavage Ø50mm pour Aquastar MS Dichtung Reinigungsventile Ø50mm für Aquastar</p> | <p>MS Part Number: 608045</p> <p>Correlates: D382772MS</p> |



Milking Solutions Parts Catalogue

Sección I2

Sistema de Lavado Automático y Drenaje

| Image | Description | Code |
|-------|---|----------------------------------|
| | <p>MS Junta de distribución Ø50mm para Aquastar (D242738) MS Seal Shaft 50mm diameter Wash Valve for Aquastar (D242738)</p> <p>MS Joint de Distribution Ø50mm pour Aquastar (D242738) MS Verteilerdichtung Ø50mm Wechselventil für Aquastar (D242738)</p> | MS Part Number: 608046 |
| | <p>MS Membrana para dosificador de bomba Aquastar MS Diaphragm for Dosing Pump Aquastar</p> <p>MS Membrane pour pompe Aquastar MS Membran für dosierpumpe Aquastar</p> | Correlates: D382780MS |
| | <p>MS Llave 3 vías 40 Plástico MS Valve 3 Way 40 Label Plastic</p> <p>MS Vanne 3 voies 40 Plastique MS Ventil 3 Weg 40 Plastik</p> | MS Part Number: 607691 |
| | <p>MS Llave 3 vias 51 plasticó MS Valve 3 Way 51 Plastic</p> <p>MS Vanne 3 voies 51 Plastique MS Ventil 3 Weg 51 Plastik</p> | Correlates: D240255MS |
| | <p>MS Llave 3 vias 51 plasticó MS Valve 3 Way 51 Plastic</p> <p>MS Vanne 3 voies 51 Plastique MS Ventil 3 Weg 51 Plastik</p> | MS Part Number: 607692 |



Milking Solutions Parts Catalogue

Sección I3
Refrigeración y Etscheid

| Image | Description | Code |
|-------|--|---|
| | ■ Junta de boca de caucho Etscheid (tapa KT/RT) ■ Etscheid Seal Manhole Rubber Ridged ■ Joint Trou d'Homme en Caoutchouc Etscheid (Couvercle KT/RT) (M) ■ Etscheid Gummi Mannlochdichtung (RT/KTDeckel) (M) | MS Part Number: 608577 Correlates: E085001 |
| | ■ Junta de boca de caucho blanco Etscheid (tapa KT) ■ Etscheid Seal Manhole Rubber O Ring White (KT lid) ■ Joint Trou d'Homme en Caoutchouc blanc Etscheid (Couvercle KT)(M) ■ Etscheid Weiß Gummi Mannlochdichtung Etscheid (KT Deckel)(M) | MS Part Number: 608578 Correlates: E085028 |
| | ■ Grifo de evacuación Etscheid (KT/RT) ■ Etscheid Jug-Filler 2In Bs/Rjt ■ Robinet d'évacuation Etscheid (KT/RT) (M) ■ Etscheid Füller Krug (KT/RT) (M) | MS Part Number: 608583 Correlates: E128017 |
| | ■ Abrazadera de lavado Etscheid (Lavatronic) ■ Etscheid Wash-Connection ■ Raccord de Lavage Etscheid (Lavatronic) (M) ■ Etscheid Wasch Verbindung (Lavatronic) (M) | MS Part Number: 608584 Correlates: E128020 |
| | ■ Calentador de tubo Etscheid (Lavatronic) ■ Etscheid Heater Tube Plain ■ Tube Chauffant Etscheid (Lavatronic) (M) ■ Etscheid Gehäuse - Heizungsrohr einfach (Lavatronic)(M) | MS Part Number: 608586 Correlates: E128318 |
| | ■ Tubo presión Etscheid (Lavatronic) ■ Etscheid Pressure Tube Complete ■ Tube Pression Etscheid (Lavatronic) (M) ■ Etscheid Druckschlauch Komplett für Waschmittel (Lavatronic) (M) | MS Part Number: 608591 Correlates: E140016 |
| | ■ Respiradero Etscheid Tanque (KT/RT) ■ Etscheid Tank Vent ■ Event Etscheid Tank (KT/RT) (M) ■ Filler für Etscheid Tank (KT/RT) (M) | MS Part Number: 608592 Correlates: E160001 |
| | ■ Membrana Etscheid para válvula de drenaje ■ Etscheid Diaphragm Drain Valve ■ Membrane Etscheid pour Vanne de Vidange E222003 (Lavatronic) (M) ■ Etscheid Membrane Ablassventil für E222003 (Lavatronic) (D) | MS Part Number: 608594 Correlates: E162001 |
| | ■ Bisagra para cierre de la tapa Etscheid KT/RT ■ Etscheid Locking Hinge For Kt/Rt Lid ■ Charnière pour fermeture du couvercle Etscheid KT/RT (M) ■ Etscheid Kniehebelverschluß RT/KT Deckel (M) | MS Part Number: 608595 Correlates: E165004 |



Milking Solutions Parts Catalogue

Sección I3

Refrigeración y Etscheid

| Image | Description | Code |
|-------|--|---|
| | <p>Disco azul & perno para agitador de motor Etscheid Etscheid Blue discs & bolts Agitator Motor</p> <p>Disque Bleu & Boulons pour Moteur d'agitation Etscheid (M) Dichtungssatz für Etscheid Motor Blau (D)</p> | MS Part Number: 608596 Correlates: E199302 |
| | <p>Válvula de drenaje Etscheid para tanque KT/RT (Lavatronic) Etscheid Drain Valve For Kt/Rt Tanks</p> <p>Vanne de Vidange Etscheid pour Tank KT/RT (Lavatronic) (M) Etscheid Ablassventil für KT/RT Tank (Lavatronic) (M)</p> | MS Part Number: 608599 Correlates: E222003 |
| | <p>Agitador de motor Etscheid tanque R245M6B KT Etscheid Agitator Motor R245M6B Kt Tank</p> <p>Moteur pour Agitateur Etscheid Tank R245M6B KT (M) Etscheid Rühremotor R245M6B KT Tank (M)</p> | MS Part Number: 608627 Correlates: E902104 |
| | <p>Bomba Etscheid detergente químico 24V Dc Etscheid Pump Detergent Chemical 24V Dc</p> <p>Pompe Etscheid pour Solution de Nettoyage 24V DC (Lavatronic) (M) Etscheid Dosierpumpe 24V DC (Lavatronic) (M)</p> | MS Part Number: 608628 Correlates: E904219 |
| | <p>Bomba de enjuague Etscheid 1 fase Etscheid Rinsing Pump 1Ph</p> <p>Pompe de Rinçage Etscheid 1 Phase (Lavatronic) Etscheid Spülpumpe 1 phasig (Lavatronic) (M)</p> | MS Part Number: 608629 Correlates: E904237 |
| | <p>Bomba de enjuague Etscheid 3 fases Etscheid Rinsing Pump 3 Phase</p> <p>Pompe de rinçage Etscheid 3 phases Etscheid Spülpumpe 1 phasig (Lavatronic) (M)</p> | MS Part Number: 608630 Correlates: E904240 |
| | <p>Bomba de lavado Etscheid programador RHM200 Etscheid Pump Wash Programmer RHM200</p> <p>Pompe de lavage Etscheid programmeur RHM200 Etscheid Pumpe Wäsche Programmierer RHM200(M)</p> | MS Part Number: 608631 Correlates: E904338 |
| | <p>Pulverizador Etscheid para E904219 Etscheid Nozzle Pump E904219</p> <p>Gicleur Etscheid pour E904219 (M) Etscheid Rippendeckel türkis für E904219 (D)</p> | MS Part Number: 608632 Correlates: E904678 |
| | <p>Tirante Etscheid para bomba E904219 Etscheid Plate Pump E904219</p> <p>Entretoise Etscheid pour Pompe E904219 (M) Etscheid Zwischenplatte türkis für E904219 (D)</p> | MS Part Number: 608633 Correlates: E904679 |



Milking Solutions Parts Catalogue

Sección I3
Refrigeración y Etscheid

| Image | Description | Code |
|-------|--|---|
| | <p>Válvula plata Etscheid para bomba E904219 Etscheid Valve Plate For Pump E904219 Etscheid pour Pompe E904219 (M) Etscheid Ventilplatte für E904219 (D)</p> | MS Part Number: 608634 Correlates: E904680 |
| | <p>Membrana Etscheid para bomba E904219 Etscheid Diaphm For Pump E904219 Membrane Etscheid pour Pompe E904219 (M) Etscheid Wulstmembrane für E904219 (D)</p> | MS Part Number: 608635 Correlates: E904681 |
| | <p>Tubo & boquillas blancas Etscheid Etscheid Tube & White Nozzles Tube et buses blanches Etscheid (M) Etscheid Schlauch & weiß Düse (M)</p> | MS Part Number: 608636 Correlates: E904709 |
| | <p>Kit de reemplazo Etscheid para bomba E904219 Etscheid Service set for Pump E904219 Kit de Rechange Etscheid pour Pompe E904219 Etscheid Ersatzleitset für E904219</p> | MS Part Number: 608637 Correlates: E904714 |
| | <p>Tapa clara programa de lavado Etscheid Etscheid Cover Clear Wash Programmer Couvercle clair programme de lavage Etscheid (M) Etscheid Klar Deckel programm-Wäsche (M)</p> | MS Part Number: 608638 Correlates: E904718 |
| | <p>Bomba peristático rotor Etscheid Etscheid Rotor Peristatic Pump Péristatic Rotor de pompe Etscheid (M) Etscheid Rotor Peristatic Pumpe (M)</p> | MS Part Number: 608639 Correlates: E904719 |
| | <p>Placa de montaje clara Etscheid Etscheid Plate Mounting Clear Plaque de montage clair Etscheid (M) Etscheid Klar Montage-Platte (M)</p> | MS Part Number: 608640 Correlates: E904720 |
| | <p>Calentador Etscheid 8Kw 3 fases (Lavatronic) Etscheid Heater 8Kw 3 Phase (Lavatronic) Radiateur Etscheid 8Kw 3 Phases (Lavatronic) (M) Etscheid Heizung 8kW 3 Phasen (Lavatronic) (M)</p> | MS Part Number: 608641 Correlates: E908002 |
| | <p>Junta de salida Etscheid roja para válvula mariposa NW50 - KT Tank 2cm viejo Etscheid Seal Outlet Butterfly Valve Red NW50 - KT Tank 2cm Old Etscheid Joint Exutoire rouge pour Vanne papillon NW50 - KT Réservoir 2cm (Ancien) (M) Etscheid Rot Siegel Sceckdose Drosselklappe NW50 - KT tank 2cm (Alt) (M)</p> | MS Part Number: 608643 Correlates: E914013 |



| Image | Description | Code |
|-------|---|----------------------------------|
| | <p>Anillo Etscheid (Salida del tanque 2In KT/RT)</p> <p>Etscheid O Ring 2" Between Tank Outlet & Butterfly Valve</p> | MS Part Number: 608644 |
| | <p>Joint torique Etscheid (Sortie du réservoir 2In KT/RT) (M)</p> <p>Etscheid Dichtungsring (Tank -Steckdose Dichtung 2In KT/RT) (M)</p> | Correlates: E914035 |
| | <p>Junta de salida Etscheid azul para válvula mariposa NW40 - KT tanque 3cm nuevo</p> <p>Etscheid Seal Outlet Butterfly Valve Blue NW40 - KT Tank 3cm New</p> <p>Etscheid Joint Exutoire bleu pour Vanne papillon NW40 - KT Réservoir 3cm (Neuf) (M)</p> <p>Etscheid Blau Siegel Sceckdose Drosselklappe NW40 - KT tank 3cm (Neu) (M)</p> | MS Part Number: 608645 |
| | | Correlates: E914155 |
| | <p>Junta de salida azul para válvula mariposa NW50 - KT tanque nuevo</p> <p>Seal Outlet Butterfly Valve Blue KT Tank NW50 New</p> <p>Joint exutoire bleu pour vanne papillon NW50 - KT réservoir nouveau</p> <p>Blau Seigel Sceckdose Drosselklappe KT Tank NW50 neue</p> | MS Part Number: 608646 |
| | | Correlates: E914156 |
| | <p>Manguera de succión de caucho Etscheid (Lavatronic)</p> <p>Etscheid Rubber Suction Hose</p> | MS Part Number: 608647 |
| | <p>Tube d'Aspiration en Caoutchouc Etscheid (Lavatronic) (M)</p> <p>Etscheid Gummi Sauganschluß (Lavatronic) (D)</p> | Correlates: E915007 |
| | <p>Llave inglesa "C" Etscheid Connexion tanque</p> <p>Etscheid Spanner C Tank Connections</p> | MS Part Number: 608649 |
| | <p>Clé "C" Etscheid (D)</p> <p>Etscheid Schraubenschlüssel "C" (M)</p> | Correlates: E917146 |
| | <p>Abrazadera Etscheid "Y" 1/2" (Lavatronic)</p> <p>Etscheid "Y" Connection Piece 1/2In (Lavatronic)</p> | MS Part Number: 608652 |
| | <p>Raccord Etscheid "Y" 1/2" (Lavatronic) (M)</p> <p>Etscheid "Y" Verbindungsstück 1/2" (Lavatronic) (M)</p> | Correlates: E921007 |
| | <p>Válvula Etscheid Rv290 3/8" (Lavatronic)</p> <p>Etscheid Valve One-Way Rv290 3/8In (Lavatronic)</p> | MS Part Number: 608655 |
| | <p>Vanne Etscheid Rv290 3/8" (Lavatronic) (M)</p> <p>Etscheid Rückschlagventil Rv290 3/8 Zoll (Lavatronic) (D)</p> | Correlates: E922003 |
| | <p>Válvula de solenoide Etscheid 2/2 vías de agua (Lavatronic)</p> <p>Etscheid Solenoid-Valve 2/2 Way Water (Lavatronic)</p> | MS Part Number: 608657 |
| | <p>Bobine Etscheid 2/2 voies d'eau (Lavatronic) (M)</p> <p>Etscheid Magnetventil 2/2 Wege wasser(Lavatronic) (M)</p> | Correlates: E922504 |
| | <p>Electroválvula Etscheid 2/2 vías de agua 220 - 240V</p> <p>Etscheid Solenoid Valve 2/2 Way Water 220 - 240V</p> | MS Part Number: 608658 |
| | <p>Etscheid Electrovalve 2/2 voies d'eau 220 - 240V (M)</p> <p>Etscheid Magnetventil 2/2 wegen wasser 220 - 240V (M)</p> | Correlates: E922529 |



Milking Solutions Parts Catalogue

Sección I3
Refrigeración y Etscheid

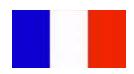
| Image | Description | Code |
|-------|--|---|
| | <p>Teclado Etscheid Lavatronic GM Mk2</p> <p>Etscheid Membrane Lavatronic Panel GM Mk2</p> <p>Clavier Etscheid Lavatronic GM Mk2 (M)</p> <p>Etscheid Tastafurfolie Lavatronic GM Mk2 (M)</p> | MS Part Number: 608663 Correlates: E944601 |
| | <p>Teclado Etscheid Lavatronic GM</p> <p>Etscheid Membrane Lavatronic Panel GM</p> <p>Clavier Etscheid Lavatronic GM (M)</p> <p>Etscheid Tastafurfolie Lavatronic GM (M)</p> | MS Part Number: 608664 Correlates: E944602 |
| | <p>Membrana balacín Etscheid Lavatronic</p> <p>Etscheid Membrane Rocker Switch Lavatronic</p> <p>Etscheid Membrane Bascule Lavatronic (M)</p> <p>Etscheid Membrane Kippschalter Lavatronic (M)</p> | MS Part Number: 608665 Correlates: E944606 |
| | <p>Interruptor Etscheid 24V 50/60 Hz</p> <p>Etscheid Contactor 24V Coil 50/60Hz</p> <p>Etscheid Bobine Contacteur 24V 50/60 Hz (M)</p> <p>Etscheid Kontaktor Spule 24V 50/60 Hz (M)</p> | MS Part Number: 608668 Correlates: E952106 |
| | <p>Transformador 2 x 12 / 1A</p> <p>Transformer 2 x 12 / 1A</p> <p>Transformateur 2 x 12 / 1A</p> <p>Transformator 2 x 12 / 1A</p> | MS Part Number: 612462 Correlates: E952907 |
| | <p>Termostato Etscheid (Lavatronic)</p> <p>Etscheid Thermostat Heater (Lavatronic)</p> <p>Thermostat Etscheid (Lavatronic) (M)</p> <p>Etscheid Temperaturbegrenzer (Lavatronic) (M)</p> | MS Part Number: 608671 Correlates: E959046 |
| | <p>Termostato Etscheid (Tanque Kw)</p> <p>Etscheid Thermostat Module Kw Tank</p> <p>Thermostat Etscheid (Tank Kw) (M)</p> <p>Etscheid Thermostat (Kw Tank) (M)</p> | MS Part Number: 608672 Correlates: E963031 |
| | <p>Sonda temperatura Etscheid Aw 1000 S22 (Lavatronic)</p> <p>Etscheid Probe Temperature Aw 1000 S22 (Lavatronic)</p> <p>Sonde Température Etscheid (Lavatronic)</p> <p>Etscheid Fühler Lavatronic (D)</p> | MS Part Number: 608673 Correlates: E963951 |
| | <p>Sonda temperatura Etscheid KTY/ programador de lavado</p> <p>Etscheid Probe Temperature KTY / Wash Programmer</p> <p>Etscheid Sonde de température KTY/ Programme de lavage (M)</p> <p>Etscheid Prüfspitze Temperatur KTY / Programm-Wäsche (M)</p> | MS Part Number: 608674 Correlates: E963952 |



Milking Solutions Parts Catalogue

Sección I3
Refrigeración y Etscheid

| Image | Description | Code |
|-------|---|----------------------------------|
| | <p>Spain: Tarjeta Etscheid 1000 revisada E964219 UK: Etscheid Pcb Aw 1000 Servcd E964219 France: Etscheid Circuit imprimé 1000 révisé E964219 (M) Germany: Etscheid PCB Aw 1000 revidiert E964219 (M)</p> | MS Part Number: 608675 |
| | | Correlates: E963994 |
| | <p>Spain: Tarjeta de alimentación Etscheid (Lavatronic) UK: Etscheid Pcb Mains Power Supply (Lavatronic) France: Carte d'Alimentation Etscheid (Lavatronic) (M) Germany: Etscheid Netzanschlußgerät (Lavatronic) (M)</p> | MS Part Number: 608676 |
| | | Correlates: E964183 |
| | <p>Spain: Tarjeta Etscheid & programador (Lavatronic) UK: Etscheid Pcb Aw 1000 Mk4 + Timer (Lavatronic) France: Carte Etscheid & Programmateur (Lavatronic) (M) Germany: Etscheid Netzanschlußgerät & Zeitmesser (Lavatronic) (M)</p> | MS Part Number: 608679 |
| | | Correlates: E964221 |
| | <p>Spain: MS Caja terminal para bomba Etscheid E904237 UK: MS Terminal Box for Etscheid E904237 Pump France: MS Boite Terminale pour Etscheid pompe E904237 (M) Germany: MS Terminal Gehäuse für Etscheid E904237 pumpe (M)</p> | MS Part Number: 608475 |
| | | Correlates: DC36AK |
| | <p>Spain: MS Tapón par tubo refrigerador UK: MS End Cap Tube Cooler France: MS Bouchon pour tube pré-refroidisseur Germany: MS Endkappe für Rohrkühlereinheit</p> | MS Part Number: 608099 |
| | | Correlates: D385670MS |
| | <p>Spain: MS Cola PVC 250ml UK: MS Solvent Cement 250ml France: MS Pot de Colle PVC 250ml Germany: MS Klebstoff Lösungsmittel 250ml</p> | MS Part Number: 607704 |
| | | Correlates: D240775MS |
| | <p>Spain: MS Codo de caucho 40 x 40mm UK: MS Bend 40 x 40mm Rubber France: MS Coude grand rayon 40 x 40mm caoutchouc Germany: MS Bogen 40 x 40mm gummi</p> | MS Part Number: 607958 |
| | | Correlates: D381501MS |

J **Stalling** **Stalles** **Melkstandteile** **Ijzerwerk** **Establo****Establo**



Milking Solutions Parts Catalogue

Sección J1
Pesebre

| Image | Description | Code |
|-------|---|---|
| | <p>MS Pesebre para Universal Isoline MS Manger Tray for Isoline Universal MS Mangeoire Universelle pour Isoligne MS Futterschale für Standard Isoline</p> | MS Part Number: 608077 Correlates: D385597MS |
| | <p>MS Pesebre para estable Tándem GM MS Manger Tray for GM Tandem Stalls MS Mangeoire MS Futterschale</p> | MS Part Number: 608801 Correlates: H911230MS |
| | <p>MS Pesebre peldaño izquierdo MS Manger Tray for LH Echelon MS Mangeoire pour échelon Gauche MS Futterschale für Echelon links</p> | MS Part Number: 608740 Correlates: G277280MS |
| | <p>MS Pesebre peldaño derecho MS Manger Tray for RH Echelon MS Mangeoire pour échelon Droite MS Futterschale für Echelon Rechts</p> | MS Part Number: 608741 Correlates: G277281MS |
| | <p>MS Pesebre izquierdo para 50 grados MS Manger Tray LH for 50Deg MS Mangeoire Gauche pour 50° (M) MS Futterschale Links für 50° (M)</p> | MS Part Number: 608130 Correlates: D385806MS |
| | <p>MS Pesebre derecho para 50 grados MS Manger Tray RH for 50Deg MS Mangeoire Droite pour 50° (M) MS Futterschale Rechts für 50° (M)</p> | MS Part Number: 608131 Correlates: D385807MS |
| | <p>MS Pesebre establos en angulo Tandem MS Trough Angled Stalls Tandem MS Mangeoire Tandem MS Futterschale Tandem</p> | MS Part Number: 608057 Correlates: D385025MS |
| | <p>MS Pesebre izquierdo (cabra/oveja) MS Manger Tray Sheep / Goat LH MS Mangeoire Droite (Chèvre/Brebis) (M) MS Futterschale Links (Schafe und Ziege) (M)</p> | MS Part Number: 608067 Correlates: D385569MS |
| | <p>MS Pesebre derecho (cabra/oveja) MS Manger Tray Sheep / Goat RH MS Mangeoire Droite (Chèvre/Brebis) (M) MS Futterschale Rechts (Schafe und Ziege) (M)</p> | MS Part Number: 608066 Correlates: D385568MS |



| Image | Description | Code |
|-------|--|---|
| | ■ MS Tola de fibra de hierro perforado ■ MS Hopper Glassfibre Drilled ■ MS Trémis d'alimentation en fibre de verre ■ MS Glasfaser-Futtertrichter | MS Part Number: 608732 |
| | ■ MS Tapadera para tolva G108105MS ■ MS Hopper Lid Grp For G108105MS ■ MS Couvercle pour G108105MS ■ MS Deckel für G108105MS | Correlates: G108105MS MS Part Number: 608136 |
| | ■ MS Pantalla para pesebre Isoline ■ MS Screen for Isoline Manger (Weld Fit) ■ MS Ecran pour mangeoire Isoline (M) ■ MS Schrim für Isoline Futterschale (M) | MS Part Number: 608434 Correlates: DC02AK |
| | ■ MS Tornillo + tuerca M6 x 20mm Z/P (DC02AK) ■ MS Bolt Roofing + Nut M6 x 20mm Z/P (DC02AK) ■ MS Boulon pour toiture + Ecrou M6 x 20mm Z/P (DC02AK) ■ MS Schraube Dachdecker + Mutter M6 x 20mm Z / P (DC02AK) | MS Part Number: 612493 Correlates: D200741MS |



Milking Solutions Parts Catalogue

Sección J2

Cilindro, Piezas y Reparación

| Image | Description | Code |
|-------|--|---|
| | ■ MS Tubo plastico transparente 6 x 8 ret ■ MS Tube PVC Flex id 6mm od 8mm Clear (30m) ■ MS Tube PVC clair Flexible 6mm x 8mm (30m) ■ MS Schlauch PVC Elastisch 6mm x 8mm Hell (30m) | MS Part Number: 607534 Correlates: A762006MS |
| | ■ MS Tubo de nylon blanco Polypenco 6mm x 8mm ■ MS Tube Polypenco Nylon Flexible id 6mm x od 8mm White ■ MS Tube Nylon blanc Polypenco 6mm x 8mm ■ MS Schlauch Nylon Weiss Polypenco 6mm x 8mm | MS Part Number: 607535 Correlates: A762007MS |
| | ■ MS Tubo blanco de nylon Polypenco 9mm x 12mm ■ MS Tube Nylon Polypenco Flex id 9mm x od 12mm White ■ MS Tube flexible blanc en Nylon Polypenco 9mm x 12mm ■ MS Schlauch Nylon Polypenco 9mm x 12mm Weiß | MS Part Number: 607536 Correlates: A762009MS |
| | ■ MS Codo macho y codo hembra 1/4" x 12 ■ MS Elbow 1/4 BSP x 12 M & F ■ MS Coude mâle & femelle 1/4" x 12 ■ MS Knie Außengewinde 1/4" B.S.P. x 12 | MS Part Number: 608724 Correlates: G065021MS |
| | ■ MS T Ø12mm ■ MS Tee Push On od 12mm ■ MS Té Ø12mm ■ MS T-Stück Ø12mm | MS Part Number: 608725 Correlates: G065029MS |
| | ■ MS Kit puerta de entrada Aire Comprimido ■ MS Kit Gate Entry Compressed Air ■ MS Kit porte d'entrée air comprimé (M) ■ MS Kit Gate Eintrag Druckluft (M) | MS Part Number: 608752 Correlates: G363511MS |
| | ■ MS Kit puerta de salida Aire Comprimido ■ MS Kit Gate Exit Compressed Air ■ MS Kit Porte de sortie air comprimé (M) ■ MS Kit Gate Exit Druckluft (M) | MS Part Number: 608753 Correlates: G363512MS |
| | ■ MS Kit puerta de entrada de vacío ■ MS Kit Gate Entry Vacuum ■ MS Kit porte d'entrée à vide (M) ■ MS Kit Tor Eintrag Vacuum (M) | MS Part Number: 608754 Correlates: G363514MS |
| | ■ MS Kit puerta de salida de vacío ■ MS Kit Gate Exit Vacuum ■ MS Kit porte de sortie à vide (M) ■ MS Kit Tor Exit Vacuum (M) | MS Part Number: 608755 Correlates: G363515MS |



Milking Solutions Parts Catalogue

Sección J2

Cilindro, Piezas y Reparación

| Image | Description | Code |
|-------|---|--|
| | <p>MS Capa MS Trunnion Mtg Rear MS Chape MS Zapfen Mtg Rear</p> | MS Part Number: 607736 Correlates: D240921MS |
| | <p>MS Soporte pesebre MS Bracket Manger Support MS Support mangeoire (M) MS Halter Futterschale (M)</p> | MS Part Number: 608750 Correlates: G363062MS |
| | <p>MS Cilindro neumático 63 diámetro x 250CA / Vac MS Cylinder Pneumatic 63 Bore x 250 CA / Vac MS Vérin Pneumatique 63 Bore x 250 CA / Vac (M) MS Pneumatikzylinder 63 Bore x 250 CA / Vac (M)</p> | MS Part Number: 607735 Correlates: D240919MS |
| | <p>MS Tubo sólo para D240919MS para Joucamatic cilindro CA / Vac MS Barrel only for D240919MS for Joucamatic Cylinder CA / Vac MS Corps pour D240919MS pour Cylindre Joucamatic CA / Vac (M) MS Gehäuse für D240919MS für Joucamatic Zylinder CA / Vac(M)</p> | MS Part Number: 608467 Correlates: DC28AK |
| | <p>MS Cilindro de vacío 80mm X160 para puerta de entrada MS Cylinder Vacuum 80mm Bore x 160mm MS Vérin à vide 80mm X160 pour porte d'entrée MS Vakuum Zylinder 80 Lochgröße x 160 für Eingangstor</p> | MS Part Number: 608726 Correlates: G065039MS |
| | <p>MS Kit juntas 50mm para Joucomatic MS Kit internal body Seal 50mm for Joucomatic MS Sachet de joints 50mm pour Joucomatic (D) MS Kolbendichtung 50mm Set für Joucomatic (M)</p> | MS Part Number: 607696 Correlates: D240577MS |
| | <p>MS Kit juntas pistón 63 para Joucomatic MS Kit Piston Seal 63 for Joucomatic MS Sachet de joints piston 63 pour Joucomatic (M) MS Kolbendichtung 63 Set für Joucomatic (M)</p> | MS Part Number: 607697 Correlates: D240578MS |
| | <p>MS Kit juntas pistón 63 para Norgren MS Kit Piston Seal 63 for Norgren MS Sachet de joints piston 63 pour Norgren (M) MS Kolbendichtung 63 Set für Norgren (M)</p> | MS Part Number: 607698 Correlates: D240578NORGRENMS |
| | <p>MS Kit para cilindros Schrader 80/VAC MS Kit Cylinder Repair for Schrader only 80/VAC MS Kit Joints de Remplacement pour Vérin Schrader seulement 80/VAC MS Ersatz-Dichtungssatz nur für Schrader Zylinder nur 80/VAC</p> | MS Part Number: 607702 Correlates: D240747MS |



Milking Solutions Parts Catalogue

Sección J2
Cilindro, Piezas y Reparación

| Image | Description | Code |
|-------|--|--|
| | <p>MS Rodamiento & Junta varilla del pistón 50mm cilindro MS Bearing & Piston Rod Seal Service 50mm Cylinder MS Ensemble Roulement & Joint pour Tige 50mm Cylindre (M) MS Kugellager & Dichtung fur 50mm Zylinder (M)</p> | <p>MS Part Number: 607695</p> <p>Correlates: D240576MS</p> |
| | <p>MS Cojinete fin de barra hembra de plástico (D497555) MS Rod End Bearing Female Plastic (D497555) MS Tige de roulement en plastique femelle (M) (D497555) MS Gelenkstangenkopf Female Kunststoff (M) (D497555)</p> | <p>MS Part Number: 612452</p> <p>Correlates: DC95AK</p> |
| | <p>MS Regulador 1/4 BSP 8mm MS Flow Regulator Elbow 1/4 BSP 8mm MS Régulateur de débit 1/4" BSP 8mm MS Flußregulator 1/4" BSP 8mm</p> | <p>MS Part Number: 607701</p> <p>Correlates: D240746MS</p> |
| | <p>MS Carrete neumático 1/4 " BSP (M) MS Spool Valve 1/4 " BSP MS Distributeur Pneumatique 1/4 " BSP MS Spulenventil 1/4 " BSP</p> | <p>MS Part Number: 608723</p> <p>Correlates: G065016MS</p> |
| | <p>MS Carrete neumático con muelle de resorte MS Spool Valve Spring Return MS Distributeur Pneumatique avec retour de ressort (M) MS Spulenventil Federrückstellung (M)</p> | <p>MS Part Number: 608476</p> <p>Correlates: DC37AK</p> |
| | <p>MS Carrete neumático acoplado 12V DC MS Spool Valve Twin Solenoid 12V DC MS Distributeur pneumatique bobine jumelé 12V DC (M) MS Doppelspule Magnetventil 12V DC (M)</p> | <p>MS Part Number: 608437</p> <p>Correlates: DC05AK</p> |
| | <p>MS Bobina 12V DC 2W para Norgren (para D262624MS) MS Coil 12V DC 2W for Norgren (for D262624MS) MS Bobine 12V DC 2 W pour Norgren (pour D262624MS) MS Magnetventil 12V DC 2W für Norgren (für D262624MS)</p> | <p>MS Part Number: 607875</p> <p>Correlates: D262653MS</p> |
| | <p>MS Bobina / Resorte 12V DC MS Spool Valve Solenoid / Spring 12V DC MS Bobine / Ressort 12V DC MS Magnetventil / Feder12V DC</p> | <p>MS Part Number: 607873</p> <p>Correlates: D262624MS</p> |
| | <p>MS Bobina válvula 1/8in BSP Cabra salida MS Valve Spool 1/8in BSP Goat exit gate MS Bobine Vanne 1/8in BSP (M) Goat exit gate MS Spule Ventil 1/8in BSP (M) Goat exit gate</p> | <p>MS Part Number: 607744</p> <p>Correlates: D240972MS</p> |



| Image | Description | Code |
|-------|--|-----------------|
| | MS Bobina válvula 1/4 BSP cabra entrada | MS Part Number: |
| | MS Valve Spool 1/4 BSP Goat entrance gate | 607749 |
| | MS Bobine Vanne 1/4 BSP (M) Goat entrance gate | Correlates: |
| | MS Spule Ventil 1/4 BSP (M) Goat entrance gate | D240978MS |



Milking Solutions Parts Catalogue

Sección J3

Piezas para Mensaje Tandem

| Image | Description | Code |
|-------|---|---|
| | <p>MS Electroválvula (1) 24V 50Hz Western Doors MS Solenoid Valve Single 24V 50Hz Western Doors MS Vanne de Bobine (1) 24V 50Hz Porte Ouest (D) MS Magnetventil (1) 24V 50Hz Western Tür (M)</p> | MS Part Number: 607699 Correlates: D240622MS |
| | <p>MS Electroválvula doble 24V 50Hz Tandem (Puertas de entrada) MS Solenoid Valve Double 24V 50Hz Tandem + Plugs & Coils MS Bobine 2 pôles 24V 50Hz Tandem (Portes Entrée) (M) MS Magnetventil Doppel 24V 50Hz Tandem (Box tore)(M)</p> | MS Part Number: 607700 Correlates: D240624MS |
| | <p>MS Bobina 24V para D240622MS / D240624MS MS Coil 24V for D240622MS / D240624MS MS Bobine 24V pour D240622MS / D240624MS MS Magnetventil 24V für D240622MS / D240624MS</p> | MS Part Number: 608468 Correlates: DC29AK |
| | <p>MS Tapón para D240622MS / D240624MS / D262624MS MS Plug for D240622MS / D240624MS / D262624MS MS Bouchon pour D240622MS / D240624MS / D262624MS MS Stopfen für D240622MS / D240624MS / D262624MS</p> | MS Part Number: 608469 Correlates: DC30AK |
| | <p>MS Silenciador de filtro 1/8" BSP & Regulador (Tándem) MS Filter Silencer 1/8" BSP & Regulator (Tandem) MS Filtre 1/8" BSP & Régulateur (Tandem) (M) MS Filter 1/8" BSP & Regler (Tandem) (M)</p> | MS Part Number: 608503 Correlates: DC61AK |
| | <p>MS Filtro silenciador 1/4" BSP & Regulador (Tandem) Puerta de entrada MS Filter Silencer 1/4" BSP & Regulator (Tandem) Stall Gates MS Filtre Silencieux 1/4" BSP & Régulateur (Tandem) Porte d'entrée(M) MS Filter Auspufftopf 1/4" BSP & Regler (Tandem) Box Tore(M)</p> | MS Part Number: 607694 Correlates: D240476MS |
| | <p>MS Fotocélula caja de control Tandem interior MS Photocell Tandem Inside control box MS Cellule photoélectrique inside control box MS Fotozelle inside control box</p> | MS Part Number: 608769 Correlates: H095210MS |
| | <p>MS Fotocélula AutoTandem & reflector MS Photocell Autotandem & reflector MS Cellule photo électrique Autotandem & reflector MS Fotozelle Autotandem & reflector</p> | MS Part Number: 608770 Correlates: H095310MS |
| | <p>MS Reflector rectangular 50 x 72mm Tándem MS Reflector Rectangular 50x70mm Tandem MS Réflecteur 50 x 72mm (D) MS Reflektor Rechteckig 50 x 70mm Tandem (M)</p> | MS Part Number: 608768 Correlates: H086210MS |



Milking Solutions Parts Catalogue

Sección J3

Piezas para Mensaje Tandem

| Image | Description | Code |
|-------|---|--|
| | ■ MS Bisagra Tandem incluido ■ MS Hinge Bush Gate including Tandem ■ MS Goujon charnière ■ MS Scharnierbuchse | MS Part Number: 608058 Correlates: D385052MS |
| | ■ MS Pesebre para establo Tándem GM ■ MS Manger Tray for GM Tandem Stalls ■ MS Mangeoire ■ MS Futterschale | MS Part Number: 608801 Correlates: H911230MS |
| | ■ MS Motor 24V DC "Perro automático" ■ MS Motor 24V DC (Automatic Dog) ■ MS Moteur 24V DC "Chien électrique" (M) ■ MS Motor 24V DC "Automatischer Hund" (M) | MS Part Number: 608440 Correlates: DC08555234AK |
| | ■ MS Polea interior de "perro automático" 36mm x 8mm x 12mm ■ MS Pulley Automatic Dog 36mm x 8mm x 12mm ■ MS Poule "Chien Electrique" 36 x 8 mm x 12mm (M) ■ MS Rolle "Automatischer Hund" 36mm x 8mm x 12mm (M) | MS Part Number: 608441 Correlates: DC08565008AK |
| | ■ MS Caucho de entrenamiento "perro automático" ■ MS Drive Rubber Automatic Dog ■ MS Caoutchouc d'entraînement "Chien électrique" (M) ■ MS Gummi-Antrieb "Automatischer Hund" (M) | MS Part Number: 608445 Correlates: DC08565133AK |
| | ■ MS árbol motor "perro automático" ■ MS Drive Shaft Automatic Dog ■ MS Arbre d'entraînement "Chien électrique" (M) ■ MS Antriebswelle "Automatischer Hund" (M) | MS Part Number: 608446 Correlates: DC08565143AK |



Milking Solutions Parts Catalogue

Sección J4
Pesebre para Cabra

| Image | Description | Code |
|-------|---|---|
| | <p>MS Kit juntas para Camozzi K024063 63mm (Rápida salida) Cabra viejo 2001</p> <p>MS Seal Kit Ram for Camozzi K024063 63mm (rapid exit) Goat Old Pre 2001</p> <p>MS Sachet de joints pour Camozzi K024063 63mm (sortie rapide) Chèvre Ancien Pré 2001 (M)</p> <p>MS Dichtung Satz für Camozzi K024063 (schnell Ausgang) Ziege pre 2001 (M)</p> | MS Part Number: 607743 Correlates: D240970MS |
| | <p>MS Kit junta Ram para Camozzi K024050 50mm Cabra viejo 2001</p> <p>MS Seal Kit Ram for Camozzi K024050 50mm (rapid exit) Goat Old Pre 2001</p> <p>MS Sachet de joints pour Camozzi K024050 (sortie rapide) Chèvre Ancien 2001 (M)</p> <p>MS Dichtung Satz für Camozzi K024050 (schnell ausgang) Ziege Oll 2001 (M)</p> | MS Part Number: 607746 Correlates: D240976MS |
| | <p>MS Kit junta Ram para Camozzi K024040 rápida salida cabra viejo 2001</p> <p>MS Seal Kit Ram for Camozzi K024040 40mm (rapid exit) Goat Old Pre 2001</p> <p>MS Sachet de joints pour Camozzi K024040 (sortie rapide) Chèvre Ancien pré 2001 (M)</p> <p>MS Dichtung Satz für Camozzi K024040 (schnell ausgang) Ziege Oll pre 2001 (M)</p> | MS Part Number: 607748 Correlates: D240977MS |
| | <p>MS Kit juntas para Camozzi K024063 63mm (Rápida salida) Cabra nuevo 2001</p> <p>MS Seal Kit Ram for Camozzi K024063 63mm Goat New Post 2001</p> <p>MS Sachet joints pour Camozzi K024063 63mm (sortie rapide) Chèvre Nouveau 2001(M)</p> <p>MS Dichtung für Camozzi K024063 63mm (schnell Ausgang) Ziege Neu 2001 (M)</p> | MS Part Number: 607742 Correlates: D240970/1MS |
| | <p>MS Kit junta Ram para Camozzi K026050 50mm Cabra nuevo 2001</p> <p>MS Seal Kit Ram for Camozzi K026050 50mm Goat New Post 2001</p> <p>MS Sachet joint Ram pour Camozzi K026050 50mm chèvre Nouveau Post 2001 (M)</p> <p>MS Seal Kit Ram für Camozzi K026050 50mm Goat Neue Post 2001 (M)</p> | MS Part Number: 607745 Correlates: D240976/1MS |
| | <p>MS Kit junta Ram para Camozzi K026040 40mm Cabra nuevo 2001</p> <p>MS Seal Kit Ram for Camozzi K026040 40mm Goat New Post 2001</p> <p>MS Sachet joint Ram pour Camozzi K026040 40mm chèvre Nouveau Post 2001 (M)</p> <p>MS Seal Kit Ram für Camozzi K026040 40mm Goat Neue Post 2001 (M)</p> | MS Part Number: 607747 Correlates: D240977/1MS |
| | <p>MS Portilla uPVC corta 300 x 600 x 10mm</p> <p>MS Flipper Gate UPVC Short 300x600x10mm</p> <p>MS Porte nageoire uPVC courte 300 x 600 x 10mm (M)</p> <p>MS uPVC Flosse Tor Kurz 300 x 600 x 10mm (M)</p> | MS Part Number: 608538 Correlates: CD7130AK |
| | <p>MS Portilla Upvc larga</p> <p>MS Flipper Gate UPVC Long</p> <p>MS Porte nageoire Upvc Longue (M)</p> <p>MS Flosse Tor UPVC Lang (M)</p> | MS Part Number: 608537 Correlates: DCA106AK |
| | <p>MS Resorte portilla (cabra) (salida rápida)</p> <p>MS Spring Torsion Flipper Gate Sheep (rapid exit)</p> <p>MS Ressort (Chèvre) (sortie rapide) (M)</p> <p>MS Drehfeder (Schaf) (schnell ausgang) (M)</p> | MS Part Number: 608466 Correlates: DC27AK |



Milking Solutions Parts Catalogue

Sección J4
Pesebre para Cabra

| Image | Description | Code |
|-------|---|----------------------------------|
| | ■ MS Resorte de extensión (cabra) (salida rápida) ■ MS Spring Extension Flipper Gate (Goat) (rapid exit) | MS Part Number: 607782 |
| | ■ MS Ressort d'extension (Chèvre) (sortie rapide) ■ MS Druckfeder (Ziege) (schnell Ausgang) | Correlates: D243734MS |
| | ■ MS Polea (Katrol) 1 garganta Ø100 ■ MS Pulley (Katrol) 1 groove 100 dia | MS Part Number: 608539 |
| | ■ MS Poulie (Katrol) 1 gorge Ø100 (M) ■ MS Riemenscheibe (Katrol) 1 Nut Ø100 (M) | Correlates: DCD762AK |
| | ■ MS Polea (Katrol) 2 gargantas Ø100 ■ MS Pulley (Katrol) 2 groove 100 dia | MS Part Number: 608540 |
| | ■ MS Poulie (Katrol) 2 gorges Ø100 (M) ■ MS Riemenscheibe (Katrol) (2 Nuten) Ø100 (M) | Correlates: DCD763AK |
| | ■ MS Resorte de flexión derecho 270 cabra ACR ■ MS Spring Torsion RH 270 Goat ACR | MS Part Number: 607780 |
| | ■ MS Ressort Droit 270 Chèvre ACR (M) ■ MS Torsionsfeder Rechte Seite 270 Ziege ACR | Correlates: D243731MS |
| | ■ MS Resorte de flexión izquierdo 270 cabra ACR ■ MS Spring Torsion LH 270 Goat ACR | MS Part Number: 607781 |
| | ■ MS Ressort Gauche 270 Chèvre ACR ■ MS Torsionsfeder Linke 270 Ziegen ACR | Correlates: D243732MS |



Miscellaneous



Divers



Divers



Diversen



Miscelánea



Miscelánea



Milking Solutions Parts Catalogue

Sección K1
Ropa

| Image | Description | Code |
|-------|--|---|
| | ■ MS Chaqueta para ordeño Neopreno S (manga larga) ■ MS Jacket Parlour Neoprene Small Long Sleeve ■ MS Blouson de traite Néoprene Manches longues - Petit ■ MS Melkstand Jacke Neopren Langer Ärmel - Klein | MS Part Number: 608419 Correlates: D705056MS |
| | ■ MS Chaqueta para ordeño Neopreno M (manga larga) ■ MS Jacket Parlour Neoprene Medium Long Sleeve ■ MS Blouson de traite Néoprene Manches longues - Moyen ■ MS Melkstand Jacke Neopren Langer Ärmel - Mittelgroß | MS Part Number: 608421 Correlates: D705058MS |
| | ■ MS Chaqueta para ordeño Neopreno L (manga larga) ■ MS Jacket Parlour Neoprene Large Long Sleeve ■ MS Blouson de traite Néoprene Manches longues - Large ■ MS Melkstand Jacke Neopren Langer Ärmel - Groß | MS Part Number: 608423 Correlates: D705060MS |
| | ■ MS Chaqueta para ordeño Neopreno XL (manga larga) ■ MS Jacket Parlour Neoprene XL Long Sleeve ■ MS Blouson de traite Néoprene Manches longues - Extra Large ■ MS Melkstand Jacke Neopren Langer Ärmel - Extragroß | MS Part Number: 608430 Correlates: D705085MS |
| | ■ MS Chaqueta para ordeño Neopreno S (manga corta) ■ MS Jacket Neoprene Small Short Sleeve ■ MS Blouson de traite Néoprene Manches Courtes - Petit ■ MS Melkstand Jacke Neopren Kurzer Ärmel - Klein | MS Part Number: 608420 Correlates: D705057MS |
| | ■ MS Chaqueta para ordeño Neopreno M (manga corta) ■ MS Jacket Neoprene Medium Short Sleeve ■ MS Blouson de traite Néoprene Manches Courtes - Moyen ■ MS Melkstand Jacke Neopren Kurzer Ärmel - Mittelgroß | MS Part Number: 608422 Correlates: D705059MS |
| | ■ MS Chaqueta para ordeño Neopreno L (manga corta) ■ MS Jacket Neoprene Large Short Sleeve ■ MS Blouson de traite Néoprene Manches Courtes - Large ■ MS Melkstand Jacke Neopren Kurzer Ärmel - Groß | MS Part Number: 608424 Correlates: D705061MS |
| | ■ MS Chaqueta para ordeño Neopreno XL (manga corta) ■ MS Jacket Neoprene XLarge Short Sleeve ■ MS Blouson de traite Néoprene Manches Courtes - Extra Large ■ MS Melkstand Jacke Neopren Kurzer Ärmel - Extragroß | MS Part Number: 608432 Correlates: D705087MS |
| | ■ MS Chaqueta para ordeño Nylon S (manga larga) ■ MS Jacket Parlour Nylon Small ■ MS Blouson de traite Nylon - Petit ■ MS Melkstand Jacke Nylon - Klein | MS Part Number: 608425 Correlates: D705062MS |

Ropa



Milking Solutions Parts Catalogue

Sección K1
Ropa

| Image | Description | Code |
|-------|--|---|
| | ■ MS Chaqueta para ordeño Nylon M (manga larga) ■ MS Jacket Parlour Nylon Medium ■ MS Blouson de traite Nylon - Moyen ■ MS Melkstand Jacke Nylon - Mittelgroß | MS Part Number: 608426 Correlates: D705064MS |
| | ■ MS Chaqueta para ordeño Nylon L (manga larga) ■ MS Jacket Parlour Nylon Large ■ MS Blouson de traite Nylon - Large ■ MS Melkstand Jacke Nylon - Groß | MS Part Number: 608427 Correlates: D705066MS |
| | ■ MS Chaqueta para ordeño Nylon XL (manga larga) ■ MS Jacket Parlour Nylon X Large ■ MS Blouson de traite Nylon - Extra Large ■ MS Melkstand Jacke Nylon -Extragroß | MS Part Number: 608431 Correlates: D705086MS |
| | ■ MS Pantalón para ordeño Nylon S ■ MS Trousers Parlour Neoprene Small ■ MS Pantalon de traite Néoprene - Petit ■ MS Melkstand Hose Neopren - Klein | MS Part Number: 608416 Correlates: D705037MS |
| | ■ MS Pantalón para ordeño Nylon M ■ MS Trousers Parlour Neoprene Medium ■ MS Pantalon de traite Néoprene - Moyen ■ MS Melkstand Hose Neopren - Mittelgroß | MS Part Number: 608417 Correlates: D705038MS |
| | ■ MS Pantalón para ordeño Nylon L ■ MS Trousers Parlour Neoprene Large ■ MS Pantalon de traite Néoprene - Large ■ MS Melkstand Hose Neopren - Groß | MS Part Number: 608418 Correlates: D705039MS |
| | ■ MS Pantalón para ordeño Nylon XL ■ MS Trousers Parlour Neoprene X Large ■ MS Pantalon de traite Néoprene - Extra Large ■ MS Melkstand Hose Neopren - Extragroß | MS Part Number: 608428 Correlates: D705083MS |
| | ■ MS Pantalón para ordeño Nylon S ■ MS Trousers Parlour Nylon Small ■ MS Pantalon de traite Nylon - petit ■ MS Melkstand Hose Nylon - Klein | MS Part Number: 608412 Correlates: D705018MS |
| | ■ MS Pantalón para ordeño Nylon M ■ MS Trousers Parlour Nylon Medium ■ MS Pantalon de traite Nylon - Moyen ■ MS Melkstand Hose Nylon - Mittelgroß | MS Part Number: 608413 Correlates: D705019MS |

Ropa



| Image | Description | Code |
|-------|--|----------------------------------|
| | ■ MS Pantalón para ordeño Nylon L ■ MS Trousers Parlour Nylon Large | MS Part Number: 608414 |
| | ■ MS Pantalon de traite Nylon - Large ■ MS Melkstand Hose Nylon - Groß | Correlates: D705020MS |
| | ■ MS Pantalón para ordeño Nylon XL ■ MS Trousers Parlour Nylon X Large | MS Part Number: 608429 |
| | ■ MS Pantalon de traite Nylon - Extra Large ■ MS Melkstand Hose Nylon - Extragroß | Correlates: D705084MS |
| | ■ MS Bata para ordeño Neopreno 48 x 36 ■ MS Apron Milking Neoprene 48 x 36 | MS Part Number: 608415 |
| | ■ MS Tablier de traite Néoprene 48 x 36 ■ MS Melkerschürze Neopren 48 x 36 | Correlates: D705023MS |



Milking Solutions Parts Catalogue

Sección K2

Sistema de Rociado de Pezones

| Image | Description | Code |
|-------|--|----------------------------------|
| | <p>MS Junta 40mm compatible para D408100 MS Seal 40mm Wide Coupling for D408100</p> | MS Part Number: 607750 |
| | <p>MS Joint 40mm pour D408100 MS Dichtung 40mm für D408100</p> | Correlates: D242013MS |
| | <p>MS Reten bomba leche 3000-6000L. MS Seal Dupax Graphite Rotary Milk Pump for Hi Flo Plus/0.37Kw/0.75Kw</p> | MS Part Number: 607683 |
| | <p>MS Obturateur graphite pour Haut débit Plus/0.37Kw/0.75Kw MS Verschlussdichtung für Hi Flo Plus/0.37Kw/0.75Kw</p> | Correlates: D225001MS |
| | <p>MS Junta 115 x 3.5 tapa bomba de leche 0.75Kw MS O Ring Id115 x 3.5 Milk Pump Cover 0.75Kw</p> | MS Part Number: 607752 |
| | <p>MS Joint 115 x 3.5 0.75Kw MS Dichtung 115 x 3.5 0.75Kw</p> | Correlates: D242035MS |
| | <p>MS Helice bomba lech. 6000 L.1CV MS Pack Impellor & Washer 110 LH</p> | MS Part Number: 607797 |
| | <p>MS Sachet hélice/rondelle gauche (hélice 4 Pales Ø110) MS Flügelrad und Scheibe Sack Links (Flügel Ø110)</p> | Correlates: D255093MS |
| | <p>MS Fusible 1A fusión rápida 5 x 20 para D480109 MS Fuse Time Lag 1A 5 x 20 Glass for D480109</p> | MS Part Number: 607891 |
| | <p>MS Fusible 1A fusion rapide 5 x 20 pour D480109 MS Sicherung 1A Schnellwirkend 5 x 20 für D480109</p> | Correlates: D263925MS |

Sistema de Rociado de Pezones



Milking Solutions Parts Catalogue

Sección K3
Detector de Mastitis

| Image | Description | Code |
|-------|--|----------------------------------|
| | ■ MS Detector de mastitis azul individual ■ MS Mastitis Detector Blue Single ■ MS DéTECTEUR de Mammite Blue ■ MS Mastitis Detektor Blau | MS Part Number: 608329 |
| | | Correlates: D700000MS |
| | ■ MS Podadera economico ■ MS Shears Economy ■ MS SéCATEUR orange (Petit) ■ MS Orange Rohrscheren (Klein) | MS Part Number: 607593 |
| | | Correlates: D119460MS |
| | ■ MS Podadera naranja (largo) ■ MS Shears Heavy Tube Orange ■ MS SéCATEUR Orange (Grand) ■ MS Orange Rohrscheren (Groß) | MS Part Number: 607594 |
| | | Correlates: D119461MS |
| | ■ MS Tapa transparente para cubo ■ MS Lid transparent Bucket ■ MS Couvercle ■ MS Deckel | MS Part Number: 607942 |
| | | Correlates: D380073MS |
| | ■ MS Cubo con tapa de plástico 30L ■ MS Dump Bucket & Lid Plastic 30 litre ■ MS Seau en plastique avec couvercle 30L (M) ■ MS Plastik Eimer mit Deckel 30 Liter (M) | MS Part Number: 608370 |
| | | Correlates: D700305MS |
| | ■ MS Cubo trasparente y culata naranja de 30 litros (sin tapadera) ■ MS Bucket dump 30 liters Plastic orange base (no lid) ■ MS Seau base orange en plastique 30 litres (sans couvercle) (M) ■ MS Eimer 30 Liter der orange Plastikunterseite (keine Kappe) (M) | MS Part Number: 608501 |
| | | Correlates: DC59AK |
| | ■ MS Tapa de cubo y junta para DC59AK ■ MS Lid & Gasket Dump Bucket for DC59AK ■ MS Couvercle et joint pour Seau DC59AK (M) ■ MS Kappe & Dichtung für Eimer DC59AK (M) | MS Part Number: 608502 |
| | | Correlates: DC60AK |
| | ■ MS Tapa & cubo 3 entradas DC59AK ■ MS Lid & Gasket Dump Bucket 3 inlets DC59AK ■ MS Couvercle & Seau 3 entrées DC59AK ■ MS Deckel & Eimer 3 Einlass DC59AK | MS Part Number: 612484 |
| | | Correlates: M0002MS |
| | ■ MS Adaptador para tapa de cubo Melotte ■ MS Adaptor for P92&P94 M Susp Bucket ■ MS Adapteur pour couvercle de pot Melotte ■ MS Adapter für Melotte Hängeeimerdeckel | MS Part Number: 608684 |
| | | Correlates: F380803MS |



Plant & Equipment



Installations et Équipements



Maschinen und Anlagen



Plant & Equipment



Instalaciones y Equipo



Instalaciones y Equipo



Milking Solutions Parts Catalogue

Sección L1
Instalaciones y Equipo

| Image | Description | Code |
|-------|--|---|
| | ■ MS Cable Pvc 2 x 0.22mm ² ■ MS Cable Pvc 2 Core Scr 0.22Sq mm ■ MS Câble Pvc 2 Centre Scr 0.22mm ² (M) ■ MS Kabel Pvc 2 Kern Scr 0.22mm ² (M) | MS Part Number: 607517 Correlates: A053023MS |
| | ■ MS Cable PVC 6 x 0.22mm ² ■ MS Cable PVC 6 Core Scr 0.22sq mm ■ MS Cable PVC 6 Centre 0.22mm ² (M) ■ MS PVC-Kabel 6 Kern 0.22mm ² (M) | MS Part Number: 607518 Correlates: A053080MS |
| | ■ MS Barra M10 x 1000mm Z/P ■ MS Studding M10 x 1000mm Z/P ■ MS Tige de métal filté M10 x 1000mm Z/P (M) ■ MS Metallstab filit M10 x 1000mm Z/P (M) | MS Part Number: 607527 Correlates: A210010MS |
| | ■ MS Bobina de vinilo Pasamanos negras 25m ■ MS Coil Vinyl Handrail Black 25m ■ MS Bobine vinyle rampe noire 25m ■ MS Spule Vinyl Handlauf | MS Part Number: 612454 Correlates: D249740MS |
| | ■ MS Tubo de leche Swingover ■ MS Milk Tube Swingover ■ MS Tube à lait Swingover (M) ■ MS MilchRohr Swingover (M) | MS Part Number: 608195 Correlates: D480163MS |
| | ■ MS Bisagra para Swingover ■ MS Hinge Bush for Swingover ■ MS Charnière pour Swingover (M) ■ MS Scharnier für Swingover (M) | MS Part Number: 608524 Correlates: DC82AK |
| | ■ MS Kit linea de distribución leche ■ MS Milk Delivery Line Sweep Kit ■ MS Kit ligne distribution lait (M) ■ MS Kit Reihenvertrieb Milch (M) | MS Part Number: 608779 Correlates: H6001MS |
| | ■ MS Distribuidor de alimentación eléctrica ■ MS Pack Feed Metering Unit Assy ■ MS Distributeur d'alimentation électrique ■ MS Kraftfutterdosiergerät | MS Part Number: 608313 Correlates: D508027MS |
| | ■ MS Máquinas transportables Groningen - sin Puntos de ordeños ■ MS Mobile Milker Groningen - No cluster ■ MS Chariot pot trayeur Groningen - Sans Faisceau ■ MS Melkaurüstung Melkeimer Groningen - Ohne Melkeinheiten | MS Part Number: 612476 Correlates: DC98AK |



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| MS Parte | Corr. | Descripción | Sección Comienza |
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| 307515 | A040000MS | MS Cuerda f | 18 |
| 607517 | A053023MS | MS Cable Pvc 2 x 0.22mm ² | 155 |
| 607518 | A053080MS | MS Cable PVC 6 x 0.22mm ² | 155 |
| 607527 | A210010MS | MS Barra M10 x 1000mm Z/P | 155 |
| 607530 | A761063ORANGE | MS Tubo PVC 63mm Naranja (m). Solo 5 metros largo | 74 |
| 607531 | A761090MS | MS Tubo PVC 90mm Gris (m). Solo 5 metros largo | 74 |
| 607532 | A761090ORANGE | MS Tubo PVC 90mm Naranja (m) Solo 5 metros largo | 74 |
| 607533 | A762005MS | MS Tubo de nylon blanco 4mm x 6mm para Isovac 3500 | 46 |
| 607534 | A762006MS | MS Tubo plastico transparente 6 x 8 ret | 74 |
| 607534 | A762006MS | MS Tubo plastico transparente 6 x 8 ret | 140 |
| 607535 | A762007MS | MS Tubo de nylon blanco Polypenco 6mm x 8mm | 74 |
| 607535 | A762007MS | MS Tubo de nylon blanco Polypenco 6mm x 8mm | 140 |
| 607536 | A762009MS | MS Tubo blanco de nylon Polypenco 9mm x 12mm | 53 |
| 607536 | A762009MS | MS Tubo blanco de nylon Polypenco 9mm x 12mm | 74 |
| 607536 | A762009MS | MS Tubo blanco de nylon Polypenco 9mm x 12mm | 140 |
| 607537 | A762100MS | MS Tubo PVC 100NB reforzado Heliflex naranja (m) | 74 |
| 607537 | A762100MS | MS Tubo PVC 100NB reforzado Heliflex naranja (m) | 113 |
| 607592 | D119427MS | MS Filtro pulsografo (100) | 37 |
| 607593 | D119460MS | MS Podadera economico | 70 |
| 607593 | D119460MS | MS Podadera economico | 153 |
| 607594 | D119461MS | MS Podadera naranja (largo) | 70 |
| 607594 | D119461MS | MS Podadera naranja (largo) | 153 |
| 607595 | D200123MS | MS Tornillo de latón N/P M3 x 6mm para D255683MS (1) | 30 |
| 612493 | D200741MS | MS Tornillo + tuerca M6 x 20mm Z/P (DC02AK) | 138 |
| 607612 | D202707MS | MS Tornillo CSK SKT M6 x 40 STL Z/F | 113 |
| 607613 | D202714MS | MS Paquete de tornillos inox 8mm x 31.7 AB para Isojet | 123 |
| 607614 | D202720MS | MS Tornillo inox display M3 x 6C | 102 |
| 607615 | D202724MS | MS Tornillo inox 3.9AB x 22 AB para D255744MS/D255745MS | 7 |
| 607616 | D202728MS | MS Tornillo inox 3.5mm x 22 AB para D255744MS/D255745MS | 7 |
| 607621 | D204011MS | MS Arandela inox M6 | 14 |
| 607627 | D204303MS | MS Arandela inox M8mm | 56 |
| 607632 | D204509MS | MS Tuerca inox M6 | 14 |
| 607635 | D204550MS | MS Tuerca inox M6 | 14 |
| 607640 | D204607MS | MS Tuerca inox M6 | 53 |
| 607643 | D204742MS | MS Arandela de nylon 12 x 4.3 x 1 para D255563MS | 30 |
| 607644 | D205702MS | MS Pasador partido 2 x 25 Z/P | 113 |
| 607645 | D205703MS | MS Pasador tensión Dia 4 x 18 acero STL Z/P | 113 |
| 607646 | D206704MS | MS Circlip inox tipo E cubilete 2.3 x 0.6mm | 14 |
| 607647 | D206705MS | MS Circlip 80 x 2.5mm para MAXIVAC-5 | 39 |
| 607648 | D206706MS | MS Circlip inox 62 x 2mm para Maxivac 3 & 4 | 39 |
| 607649 | D206707MS | MS Circlip inox tipo E 5 x 0.7mm Xp | 18 |
| 607657 | D209718MS | MS Tuerca plas. Retención "J" M6 Blanco nylon | 102 |
| 607658 | D209719MS | MS Gancho inox 70-55 para Servo | 127 |
| 607659 | D209727MS | MS Chaveta 10 x 8 x 32 para Maxivac 5 | 39 |
| 607660 | D209729MS | MS Chavetta para Maxivac 3 & 4 | 39 |
| 607661 | D209739MS | MS Collar de cierre negro 310 x 4.8 individual | 74 |
| 607662 | D209743MS | MS Agregado de cuerda | 18 |
| 607663 | D220705MS | MS Correa Spa 1400 (Xpa 1400) | 39 |
| 607664 | D220711MS | MS Correa Spa 1376 (Xpa 1357) | 39 |
| 612501 | D222701MS | MS Gancho mosquetón (D255541MS) | 18 |



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| MS Parte | Corr. | Descripción | Sección Comienza |
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| 307666 | D222748MS | MS Polea 2 (| 39 |
| 607668 | D222750MS | MS Polea 2 garganta 200 x mandrilado 28mm | 39 |
| 607671 | D222754MS | MS Polea 3 garganta 224 x mandrilado 38mm | 39 |
| 607673 | D222755MS | MS Polea 3A garganta 150 x mandrilado 38mm para Maxivac 5 | 39 |
| 607674 | D222756MS | MS Polea 3 garganta 125 x mandrilado 38mm | 39 |
| 607677 | D223016MS | MS Rodamiento 30 x 62 x 16 para Vac 2, 2A, 3, 3A & 4B | 39 |
| 607678 | D223020MS | MS Rodamiento 3205 para Vac 4 & 4A | 39 |
| 607679 | D223021MS | MS Rodamiento 35 x 72 x 17 para Vac 4, 4A & 4B | 39 |
| 607680 | D223700/1MS | MS Rodamiento 40 x 80 x 18 para Maxivac 5 (viejo) | 39 |
| 607681 | D223700MS | MS Rodamiento 40 x 80 x 18 para Maxivac 5 (Nuevo) | 39 |
| 607682 | D223701MS | MS Rodamiento 30 x 62 x 16 para Maxivac 3 & 4 | 39 |
| 607683 | D225001MS | MS Reten bomba leche 3000-6000L. | 56 |
| 607683 | D225001MS | MS Reten bomba leche 3000-6000L. | 152 |
| 607684 | D225002ALTM | MS Contra reten bomba de leche marrón | 56 |
| 607685 | D225002MS | MS Contra reten bomba de leche blanco | 56 |
| 607686 | D225008MS | MS Reten para VAC-2, 2A, 3, 3A Y 4B trasero | 39 |
| 607687 | D225013MS | MS Reten para VAC-4, 4A, 4B & PV4 delantero | 39 |
| 607688 | D225014MS | MS Reten para Vac 4 & 4A trasero antiguo | 39 |
| 607689 | D225701MS | MS Reten para Maxivac 3 & 4 del-tras | 39 |
| 607690 | D225702MS | MS Reten para Maxivac 5 | 39 |
| 607691 | D240255MS | MS Llave 3 vías 40 Plástico | 74 |
| 607691 | D240255MS | MS Llave 3 vías 40 Plástico | 127 |
| 612482 | D240275MS | Grifo a brida para tubo 1 ½ " BSP | 81 |
| 607692 | D240317MS | MS Llave 3 vias 51 plasticó | 74 |
| 607692 | D240317MS | MS Llave 3 vias 51 plasticó | 127 |
| 607693 | D240434MS | MS Reducción galvanizado 1 ¼ x 1 BSP | 39 |
| 607694 | D240476MS | MS Filtro silenciador ¼" BSP & Regulador (Tandem) Puerta de entrada | 144 |
| 607695 | D240576MS | MS Rodamiento & Junta varilla del pistón 50mm cilindro | 140 |
| 607696 | D240577MS | MS Kit juntas 50mm para Joucomatic | 140 |
| 607697 | D240578MS | MS Kit juntas pistón 63 para Joucomatic | 140 |
| 607698 | D240578NORGREN | MS Kit juntas pistón 63 para Norgren | 140 |
| 607699 | D240622MS | MS Electroválvula (1) 24V 50Hz Western Doors | 144 |
| 607700 | D240624MS | MS Electroválvula doble 24V 50Hz Tandem (Puertas de entrada) | 144 |
| 607701 | D240746MS | MS Regulador ¼ BSP 8mm | 140 |
| 607702 | D240747MS | MS Kit para cilindros Schrader 80/VAC | 140 |
| 607704 | D240775MS | MS Cola PVC 250ml | 74 |
| 607704 | D240775MS | MS Cola PVC 250ml | 131 |
| 607705 | D240781MS | MS Tubo cruz 1¼" x 1¼" | 82 |
| 607706 | D240782ORANGE | MS Codo 90° 63mm uPVC Naranja | 74 |
| 607707 | D240784MS | MS Codo 90° 90mm uPVC Gris | 74 |
| 607708 | D240784ORANGE | MS Codo uPVC 90° 90mm Naranja | 74 |
| 607709 | D240785ORANGE | MS Codo uPVC 45° 63mm Naranja | 74 |
| 607710 | D240787MS | MS Codo uPVC gris 90mm x 45° | 74 |
| 607711 | D240787ORANGE | MS Codo uPVC 90mm 45° Naranja | 74 |
| 607712 | D240788ORANGE | MS "T" uPVC naranja 63mm | 74 |
| 607713 | D240790MS | MS "T" uPVC gris 90mm | 74 |
| 607714 | D240790ORANGE | MS "T" uPVC naranja 90mm | 74 |
| 607715 | D240794ORANGE | MS Tapón uPVC naranja 63mm | 74 |
| 607716 | D240796MS | MS Tapón uPVC gris 90mm | 74 |
| 607717 | D240796ORANGE | MS Tapón uPVC naranja 90mm | 74 |



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| MS Parte | Corr. | Descripción | Sección Comienza |
|----------|---------------|--|------------------|
| 307718 | D240797ORANGE | MS Encaje u | 74 |
| 607719 | D240799MS | MS Manguito uPVC gris 90mm | 74 |
| 607720 | D240799ORANGE | MS Manguito uPVC naranja 90mm | 74 |
| 607721 | D240802MS | MS Adaptador2" BSPx75mm Upvc Gris | 74 |
| 607722 | D240805MS | MS Reducción uPVC gris 90 X 75 | 74 |
| 607723 | D240807MS | MS Pinza de plástico Ø40mm Maclow | 74 |
| 607724 | D240808MS | MS Pinza de plástico Ø51mm Maclow | 74 |
| 607725 | D240809MS | MS Pinza de plástico Ø63mm Maclow | 74 |
| 607726 | D240810MS | MS Pinza de plástico Ø76mm Maclow | 74 |
| 607727 | D240811MS | MS Pinza de plástico Ø90mm Maclow | 74 |
| 607728 | D240814MS | MS Reducción uPVC gris 90mm x 63mm | 74 |
| 607729 | D240825MS | MS Válvula de Compuerta 63mm Valterra | 74 |
| 607731 | D240827ORANGE | MS Reducción uPVC 90 X 63mm naranja | 74 |
| 607732 | D240828MS | MS Reducción 63 x 50mm Upvc Gris | 74 |
| 607733 | D240837MS | MS Tapón ¼ BSP negro | 39 |
| 607734 | D240838MS | MS Válvula de Compuerta 90mm Valterra | 74 |
| 607735 | D240919MS | MS Cilindro neumático 63 diámetro x 250CA / Vac | 140 |
| 607736 | D240921MS | MS Capa | 140 |
| 607737 | D240938MS | MS Adaptador de acero inoxidable ½" BSP x 12mm (Botón pulsador) | 53 |
| 607738 | D240942MS | MS Filtro regulador Combi 1/4 BSP | 53 |
| 607739 | D240943MS | MS Abrazadera reducción hexagonal de acero inoxidable ½ x 3/8 BSP | 46 |
| 607742 | D240970/1MS | MS Kit juntas para Camozzi K024063 63mm (Rápida salida) Cabra nuevo 200146 | |
| 607743 | D240970MS | MS Kit juntas para Camozzi K024063 63mm (Rápida salida) Cabra viejo 200146 | |
| 607744 | D240972MS | MS Bobina válvula 1/8in BSP Cabra salida | 140 |
| 607745 | D240976/1MS | MS Kit junta Ram para Camozzi K026050 50mm Cabra nuevo 2001 | 146 |
| 607746 | D240976MS | MS Kit junta Ram para Camozzi K026050 50mm Cabra viejo 2001 | 146 |
| 607747 | D240977/1MS | MS Kit junta Ram para Camozzi K026040 40mm Cabra nuevo 2001 | 146 |
| 607748 | D240977MS | MS Kit junta Ram para Camozzi K026040 rápida salida cabra viejo 2001 | 146 |
| 607749 | D240978MS | MS Bobina válvula ¼ BSP cabra entrada | 140 |
| 607750 | D242013MS | MS Junta 40mm compatible para D408100 | 152 |
| 607751 | D242030MS | MS Junta Interceptor | 39 |
| 607752 | D242035MS | MS Junta 115 x 3.5 tapa bomba de leche 0.75Kw | 56 |
| 607752 | D242035MS | MS Junta 115 x 3.5 tapa bomba de leche 0.75Kw | 152 |
| 607753 | D242100MS | MS Junta de cuerpo cristal | 53 |
| 607754 | D242121MS | MS Junta individual D255528MS para Maxicup EOMI Iso 1 & 2 | 7 |
| 607755 | D242179MS | MS Junta 40 válvula de retención para D110024 | 56 |
| 607756 | D242192MS | MS Anillo 98.4mm x 3.2mm | 56 |
| 607757 | D242701MS | MS Anillo 2.57 x 1.78 para D255655/6 | 18 |
| 607757 | D242701MS | MS Anillo 2.57 x 1.78 para D255655/6 | 95 |
| 607759 | D242702MS | MS Anillo Pulsator Chimenea Nitrilo | 95 |
| 607760 | D242705MS | MS Anillo 16mm x 4mm para D500006MS | 30 |
| 607762 | D242727MS | MS Anillo distribuidor de lavado | 95 |
| 607763 | D242733MS | MS Anillo 12.29 x 3.53 para MR TL D255655MS / D255656MS | 18 |
| 607763 | D242733MS | MS Anillo 12.29 x 3.53 para MR TL D255655MS / D255656MS | 95 |
| 607765 | D242747MS | MS Anillo de silicona roja 61mm - 16mm para Caprilac | 14 |
| 607766 | D242748MS | MS Anillo de silicona roja 81mm - 16mm para Caprilac | 14 |
| 607767 | D243335MS | MS Anillo de resorte largo para Maxicup C/P | 7 |
| 607768 | D243702MS | MS Resorte válvula rápida descargo para Isoclaw | 7 |
| 607769 | D243703MS | MS Anillo pequeño para Isoclaw | 7 |
| 607770 | D243709MS | MS Resorte de compresión válvula Servo para D480088 | 95 |



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|----------|-------------|--|------------------|
| 307771 | D243712MS | MS Resorte | 95 |
| 607771 | D243712MS | MS Resorte de compresión para la bomba DV4 | 127 |
| 607772 | D243713MS | MS Resorte para MR2000 | 102 |
| 607773 | D243714MS | MS Resorte para MR2000 | 102 |
| 607774 | D243715MS | MS Resorte para MR2000 | 102 |
| 607775 | D243716MS | MS Resorte compresión de acero inoxidable para TL D255655MS / D255656MS | 127 |
| 607775 | D243716MS | MS Resorte compresión de acero inoxidable para TL D255655MS / D255656MS | 127 |
| 607776 | D243717MS | MS Resorte de compression para Isojet | 123 |
| 607777 | D243718MS | MS Resorte de acero inoxidable (compression) para DV1 D480075MS | 95 |
| 607778 | D243721MS | MS Resorte de compresión de acero inoxidable para Válvula de lavado Aquastar | 127 |
| 607779 | D243723MS | MS Resorte de compresión de acero inoxidable para Isolator 3 | 18 |
| 607780 | D243731MS | MS Resorte de flexión derecho 270 cabra ACR | 14 |
| 607780 | D243731MS | MS Resorte de flexión derecho 270 cabra ACR | 146 |
| 607781 | D243732MS | MS Resorte de flexión izquierdo 270 cabra ACR | 14 |
| 607781 | D243732MS | MS Resorte de flexión izquierdo 270 cabra ACR | 146 |
| 607782 | D243734MS | MS Resorte de extensión (cabra) (salida rápida) | 146 |
| 612444 | D249072ALTM | MS Vacuometro 100kPa 100mm ajuste flecha | 46 |
| 607784 | D249072MS | MS Vacuometro 100kPa 3/8 BSP 80mm | 46 |
| 607785 | D249702MS | MS Anillo de forma de acero inoxidable 4mm | 18 |
| 607786 | D249720MS | MS Bola de nylon 17.5mm para D480079MS Extra fluje | 95 |
| 607787 | D249723MS | MS Bola de nylon 15.9mm standard para D480079MS | 95 |
| 607788 | D249735MS | MS Regatón negro 1" para DV1 | 95 |
| 612454 | D249740MS | MS Bobina de vinilo Pasamanos negras 25m | 155 |
| 607791 | D255000MS | MS Bolsa de 5 filtros superior para Isovac 600/2000/4000 | 46 |
| 607792 | D255001MS | MS Bolsa de 5 filtros inferior para Isovac 2000 | 46 |
| 607793 | D255028MS | MS Paquete Válvula de drenaje (5) | 62 |
| 607795 | D255070MS | MS Paquete 5 válvulas para flotador MTO | 18 |
| 607797 | D255093MS | MS Helice bomba lech. 6000 L.1CV | 56 |
| 607797 | D255093MS | MS Helice bomba lech. 6000 L.1CV | 152 |
| 607799 | D255097MS | MS Paquete de 10 filtros inferior para Isovac 31100 | 46 |
| 607800 | D255117MS | MS Paquete de 10 anillos 20 x 3 para Isovac 600 / 2000 / 4000 | 46 |
| 607801 | D255118MS | MS Paquete de 10 anillos 25 x 3 para Isovac 2700 / 4000 | 46 |
| 607803 | D255180MS | MS sonda magnética Unidad final | 53 |
| 607804 | D255506MS | MS Filtro de aire para Lectron (5) D390500MS | 30 |
| 607804 | D255506MS | MS Filtro de aire para Lectron (5) D390500MS | 127 |
| 607805 | D255528MS | MS Paquete de 5 juntas D242121MS para Maxicup/ EOMI Iso 1/2 | 7 |
| 607806 | D255531MS | MS Paquete cuerda (1) | 18 |
| 607807 | D255532MS | MS Paquete cuerda extensión corta (5) | 18 |
| 607808 | D255533MS | MS Cuerda larga 2.5m (1) | 18 |
| 607809 | D255534MS | MS Paquete de 5 juntas y membranas | 18 |
| 607810 | D255536MS | MS Paquete pistón completo | 18 |
| 607811 | D255541MS | MS Paquete de 5 mosquetón | 18 |
| 607812 | D255563MS | MS Paquete de membranas y válvulas para Lectron (3) | 30 |
| 607814 | D255577MS | MS Paquete juntas de 30 unidades | 111 |
| 607815 | D255584MS | MS Paquete junta inferior (30 x D381895MS) | 30 |
| 607816 | D255620MS | MS Sonda manguito negro Eoms para Isolator 2 | 18 |
| 607817 | D255622MS | MS Circuito impreso vaca para Isolator 2 | 18 |
| 607818 | D255646MS | MS Paquete motor y montaje unidad de medición | 113 |
| 607819 | D255654MS | MS Paquete membrana tipo "C" para Lectron TL & Isolator TL | 18 |
| 607819 | D255654MS | MS Paquete membrana tipo "C" para Lectron TL & Isolator TL | 30 |



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| 307820 | D255655MS | MS Paquete | 18 |
| 607820 | D255655MS | MS Paquete membrana tipo "C" & "O" para MRTL & ACRTL | 95 |
| 607821 | D255656MS | MS Paquete membrana tipo "O" para DVTL | 18 |
| 607822 | D255657MS | MS Paquete 20 tubo clip alt. negro | 7 |
| 607822 | D255657MS | MS Paquete 20 tubo clip alt. negro | 74 |
| 607823 | D255657ORANGE | MS Paquete 20 tubo clip alt. naranja | 7 |
| 607823 | D255657ORANGE | MS Paquete 20 tubo clip alt. naranja | 74 |
| 607824 | D255658MS | MS Paquete 20 tubo clip sim. naranja | 7 |
| 607824 | D255658MS | MS Paquete 20 tubo clip sim. naranja | 74 |
| 607825 | D255659MS | MS Paquete para válvula Servo | 95 |
| 607826 | D255661MS | MS Paquete diafragma, eje y junta para DV1 | 95 |
| 607828 | D255663GREYMS | MS Paquete Abarcon y silla gris 40mm (2) | 7 |
| 607828 | D255663GREYMS | MS Paquete Abarcon y silla gris 40mm (2) | 123 |
| 607829 | D255663MS | MS Paquete Abarcon y silla Naranja 40mm (2) | 7 |
| 607829 | D255663MS | MS Paquete Abarcon y silla Naranja 40mm (2) | 53 |
| 607829 | D255663MS | MS Paquete Abarcon y silla Naranja 40mm (2) | 123 |
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| 607832 | D255682MS | MS Paquete de mazarotas y juntas (6) | 30 |
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| 607832 | D255682MS | MS Paquete de mazarotas y juntas (6) | 127 |
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| 607833 | D255682MSMOD | MS Paquete de mazarotas y juntas (6) alterado | 30 |
| 607833 | D255682MSMOD | MS Paquete de mazarotas y juntas (6) alterado | 95 |
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| 607865 | D262514MS | MS Soporte de solenoide | 30 |
| 607865 | D262514MS | MS Soporte de solenoide | 95 |
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| 607891 | D263925MS | MS Fusible 1A fusión rápida 5 x 20 para D480109 | 30 |
| 607891 | D263925MS | MS Fusible 1A fusión rápida 5 x 20 para D480109 | 102 |
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| 607892 | D263931MS | MS Fusible 15A rápido 6.35 x 32 para D480109 | 18 |
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| 607892 | D263931MS | MS Fusible 15A rápido 6.35 x 32 para D480109 | 102 |
| 607892 | D263931MS | MS Fusible 15A rápido 6.35 x 32 para D480109 | 113 |
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| 607897 | D263950MS | MS Fusible 4A 5 x 20 para D700053 | 102 |
| 607898 | D263951MS | MS Fusible programado 4A 5 x 20 para MF2000 MDU | 113 |
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| 607921 | D324710MS | MS Rotor para Maxivac 4 Eje extendido | 39 |
| 607923 | D326715MS | MS Arandela pequeña | 18 |
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| 607946 | D381172MS | MS Tapón negro 13mm toma de drenaje | 62 |
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| 607949 | D381384MS | MS Bola negra de caucho 1in Dia +/- 0.004 0.75kW | 56 |
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| 607950 | D381386MS | MS Junta para D255682MS | 30 |
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| 607954 | D381422MS | MS Manguito de caucho 50 x 50mm | 62 |
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| 607961 | D381507MS | MS Bola de caucho negra17.5mm para D480079MS | 95 |
| 607962 | D381579MS | MS Manguito de reducción de caucho 40 x 32mm | 62 |
| 607963 | D381580MS | MS Manguito de caucho Ø40mm | 62 |
| 607964 | D381584MS | MS Manguito de reducción de caucho 50 x 40mm | 62 |
| 607965 | D381585MS | MS Manguito de caucho Ø32mm | 62 |
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| 607967 | D381589MS | MS Tapón de caucho 32mm | 62 |
| 607968 | D381590MS | MS Tapón de caucho 40mm | 62 |
| 607968 | D381590MS | MS Tapón de caucho 40mm | 95 |
| 607969 | D381593MS | MS Manguito de reducción de caucho 22 x 17mm | 62 |
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| 607975 | D381660MS | MS Codo de caucho 32 x 32mm | 62 |
| 607976 | D381662MS | MS Membrana para DV4 (vieja) | 18 |
| 607976 | D381662MS | MS Membrana para DV4 (vieja) | 127 |
| 607977 | D381664MS | MS Codo de caucho 50 x 50mm | 62 |
| 607979 | D381667MS | MS Membrana para DV5 / DV4 (nueva) | 18 |
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| 607982 | D381672MS | MS Membrana para DV1 | 95 |
| 607983 | D381673MS | MS Membrana válvula de lavado Ø50mm para Aquastar | 127 |
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| 607985 | D381676MS | MS Membrana superior para Isolator 3/XP | 18 |
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| 607989 | D381922X4MS | MS Paquete pezoneras para D381922 x 4 (4) | 4 |
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| 607995 | D381979MS | MS Manifold invertido de caucho 146-73 | 62 |
| 607996 | D381981X4B | MS Paquete pezoneras para Mk5 (4) económico | 4 |
| 607999 | D381985X4MS | MS Paquete pezoneras para D381985 x 4 (D381416 Mod) (4) | 4 |
| 608002 | D381986X4MS | MS Paquete pezoneras para D381986 x 4 (4) | 4 |
| 608003 | D381987X4B | Paquete pezoneras 987 B (4) económico | 4 |
| 608006 | D381988X4MS | MS Paquete pezoneras para Mk2 (4) | 4 |
| 608008 | D381989X4MS | MS Paquete pezoneras para Mk5 (4) | 4 |
| 608010 | D381991X4MS | MS Paquetepezoneras para D381991 x 4 (4) | 4 |
| 608012 | D381995X4MS | MS Paquete pezoneras (copa recta 995) 995 MS95 (4) | 4 |
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| 608016 | D382637MS | MS Tapón colector capra | 14 |
| 608017 | D382639MS | MS Tapón para copa (tipo Ovilac) | 14 |
| 608018 | D382714MS | MS Junta válvula | 18 |
| 608018 | D382714MS | MS Junta válvula | 30 |
| 608018 | D382714MS | MS Junta válvula | 95 |
| 608019 | D382716MS | MS Membrana de goma para pistón de retirada | 18 |
| 608022 | D382723MS | MS Junta larga tipo para medidor de leche MR2000 | 102 |
| 608023 | D382724MS | MS Junta pequeño tipo para medidor de leche MR2000 | 102 |
| 608024 | D382725MS | MS Junta de eje para Medidor de leche MR2000 | 102 |
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| 608030 | D382732MS | MS Junta pequeña = D382732X | 102 |
| 608031 | D382733MS | MS Junta de sonda superior | 102 |
| 608032 | D382737MS | MS Membrana superior válvula de cierre | 7 |
| 612485 | D382738MS | Válvula inferior válvula de cierre | 7 |
| 612486 | D382739MS | Válvula de bola válvula de cierre | 7 |
| 608033 | D382741MS | MS Junta sup/inf para Isolac 400 agujero | 7 |
| 608034 | D382742MS | MS Junta de eje = D382742X para Isolac 400 S | 7 |
| 608035 | D382743MS | MS Eje inox largo y media esfera para Isolac 400F | 7 |
| 608036 | D382744MS | MS Junta de base de repartidor para D255695/D255696 | 7 |
| 608037 | D382745MS | MS Junta de eje para Isolac 400 (M) (F + FB) | 7 |
| 608038 | D382746MS | MS Junta superior repartidor | 7 |
| 608039 | D382750MS | MS Junta para DV1 | 95 |
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| 608043 | D382762MS | MS Junta eje para Isolator 3 / Xp | 18 |
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| 608046 | D382780MS | MS Junta de distribución Ø50mm para Aquastar (D242738) | 127 |
| 608047 | D382792MS | MS "T" encajable de caucho 32 x 32 x 32 | 62 |
| 608049 | D382795MS | MS "T" sin válvula mariposa perforado de caucho 40 x 40 x 40 | 62 |
| 612479 | D382797MS | MS "T" encajable de caucho 50mm | 62 |
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| 608051 | D382869MS | MS Válvula + Eje (desatascador) | 102 |
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| 608053 | D382948MS | MS Tubo "Y" de caucho 8.5mm x 6mm x 6mm | 62 |
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| 612473 | D384021MS | MS Cuerpo de cristal 135 x 340 mm Pyrex | 53 |
| 608054 | D384056MS | MS Tarro cerrado 28kg | 95 |
| 608055 | D384058MS | MS Tarro cerrado 33kg | 95 |
| 608056 | D385012MS | MS Tapón pezones naranja | 37 |
| 608057 | D385025MS | MS Pesebre establos en angulo Tandem | 138 |
| 608058 | D385052MS | MS Bisagra Tandem incluido | 74 |
| 608058 | D385052MS | MS Bisagra Tandem incluido | 144 |
| 608059 | D385139MS | MS Tubo PVC Nylon 5 x 8 x 1m | 50 |



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| 608061 | D385507MS | MS Manguito de plasticó negro para Lectron D255563MS | 30 |
| 608062 | D385509MS | MS Cono guía para ACR & ARM Ram | 18 |
| 608063 | D385537MS | MS Chimenea individual | 18 |
| 608063 | D385537MS | MS Chimenea individual | 95 |
| 608064 | D385537X6MS | MS Paquete 6 chimeneas para Lectron | 18 |
| 608064 | D385537X6MS | MS Paquete 6 chimeneas para Lectron | 30 |
| 608064 | D385537X6MS | MS Paquete 6 chimeneas para Lectron | 95 |
| 608064 | D385537X6MS | MS Paquete 6 chimeneas para Lectron | 127 |
| 608066 | D385568MS | MS Pesebre derecho (cabra/oveja) | 138 |
| 608067 | D385569MS | MS Pesebre izquierdo (cavra/oveja) | 138 |
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| 608068 | D385573MS | MS Abrazadera para válvula D480074MS/D480075MS | 18 |
| 608068 | D385573MS | MS Abrazadera para válvula D480074MS/D480075MS | 95 |
| 608068 | D385573MS | MS Abrazadera para válvula D480074MS/D480075MS | 127 |
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| 608069 | D385574MS | MS Tapón para válvula DV1 DV5 & DV4 | 95 |
| 608069 | D385574MS | MS Tapón para válvula DV1 DV5 & DV4 | 127 |
| 608070 | D385575MS | MS Bola 20mm Polipropileno Sólido | 95 |
| 608071 | D385584MS | MS Cuerpo Ø17mm para DV5 (D480080MS) | 18 |
| 608072 | D385585MS | MS Cuerpo Ø17mm para DV1 ventilado | 95 |
| 608073 | D385586MS | MS Tapón tetina negra de plasticó | 37 |
| 608074 | D385591MS | MS Base distribuidor de lavado | 95 |
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| 608077 | D385597MS | MS Pesebre para Universal Isoline | 138 |
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| 608082 | D385645MS | MS Gancho para MR2000 | 102 |
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| 608083 | D385646MS | MS Abrazadera de plástico para TL | 30 |
| 608083 | D385646MS | MS Abrazadera de plástico para TL | 95 |
| 608084 | D385647MS | MS Restrictor para Isolator TL | 18 |
| 608085 | D385648MS | MS Cuerpo transparente para 400ml Colector (F + FB) | 7 |
| 608086 | D385649MS | MS Cuerpo trasparente para 400ml Isolac (F + SB) | 7 |
| 608088 | D385653MS | MS Perilla para Isolac 400ml | 7 |
| 608089 | D385656MS | MS Gancho negro individual para tubo alt. (D255657MS = 20) | 7 |
| 608089 | D385656MS | MS Gancho negro individual para tubo alt. (D255657MS = 20) | 74 |
| 608090 | D385656ORANGE | MS Gancho naranja individual para tubo alt. (D255657MS = 20) | 7 |
| 608090 | D385656ORANGE | MS Gancho naranja individual para tubo alt. (D255657MS = 20) | 74 |
| 608091 | D385657MS | MS Gancho naranja individual para tubo sim. (D255658MS = 20) | 7 |
| 608091 | D385657MS | MS Gancho naranja individual para tubo sim. (D255658MS = 20) | 74 |
| 608092 | D385659MS | MS Membrana para Pulsador TL D255654MS | 18 |
| 608092 | D385659MS | MS Membrana para Pulsador TL D255654MS | 30 |
| 608092 | D385659MS | MS Membrana para Pulsador TL D255654MS | 95 |
| 608094 | D385660GREYMS | MS Soporte gris para grupo de ordeño | 7 |
| 608094 | D385660GREYMS | MS Soporte gris para grupo de ordeño | 123 |



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| MS Parte | Corr. | Descripción | Sección Comienza |
|------------|---------------|---|------------------|
| 308095 | D385660MS | MS Soporte | 7 |
| 608095 | D385660MS | MS Soporte naranja para grupo de ordeño | 123 |
| 608098 | D385668MS | MS Tapa para Isovac 3500 | 46 |
| 608099 | D385670MS | MS Tapón par tubo refrigerador | 131 |
| 608100 | D385672MS | MS Tapón Captador del bidón de aceite | 50 |
| 608102 | D385675MS | MS Soporte bandeja de lavado H para Isojet | 123 |
| 608104 | D385676MS | MS Gancho de soporte de bandeja para Isojet naranja | 123 |
| 608106 | D385678GREYMS | MS Tapón gris para Isojet | 123 |
| 608107 | D385678MS | MS Tapón para Isojet | 123 |
| 608109 | D385685MS | MS Junta de apéndice para TL | 18 |
| 608109 | D385685MS | MS Junta de apéndice para TL | 30 |
| 608109 | D385685MS | MS Junta de apéndice para TL | 95 |
| 608110 | D385685X10MS | MS Paquete de 10 Juntas de apéndice para TL | 18 |
| 608110 | D385685X10MS | MS Paquete de 10 Juntas de apéndice para TL | 30 |
| 608110 | D385685X10MS | MS Paquete de 10 Juntas de apéndice para TL | 95 |
| 608114 | D385697GREYMS | MS Tapón para Isojet gris | 123 |
| 608115 | D385697MS | MS Tapón para Isojet | 123 |
| 608119 | D385746MS | MS Y de plástico 8mm X 10mm colector oveja | 30 |
| 608119 | D385746MS | MS Y de plástico 8mm X 10mm colector oveja | 74 |
| 608119 | D385746MS | MS Y de plástico 8mm X 10mm colector oveja | 95 |
| 608120 | D385747MS | MS Repartidor solo sim. | 7 |
| 608121 | D385748MS | MS Repartidor dos alt. | 7 |
| 608122 | D385779MS | MS Cámara de leche para Isolator ACR3/ XP | 18 |
| 608123 | D385780MS | MS Brida especial para Isolator 3/XP naranja | 18 |
| 612472 | D385787MS | MS Mamparo Ram para ACR 3 | 18 |
| 608127 | D385789MS | MS Tapón inferior ACR3 | 18 |
| 608128 | D385790MS | MS Collar para ACR3 roscado interno | 18 |
| 608129 | D385791MS | MS Abrazadera Ram | 18 |
| 608130 | D385806MS | MS Pesebre izquierdo para 50 grados | 138 |
| 608131 | D385807MS | MS Pesebre derecho para 50 grados | 138 |
| 608132 | D385808MS | MS Anti espuma para medidor de leche | 102 |
| 608134 | D385818GRYMS | MS Tubo de aire corto PVC gris 6 x 210mm | 7 |
| 608134 | D385818GRYMS | MS Tubo de aire corto PVC gris 6 x 210mm | 70 |
| 608135 | D385818MS | MS Tubo de aire corto PVC naranja | 7 |
| 608135 | D385818MS | MS Tubo de aire corto PVC naranja | 70 |
| 608135-200 | D385818X200MS | MS Paquete tubo de aire corto naranja (200) | 7 |
| 608136 | D385837MS | MS Tapadera para tolva G108105MS | 138 |
| 608138 | D385838MS | MS Gancho para Caprijet Mk2 | 123 |
| 608139 | D385846MS | MS Polea 25mm x 12mm x 5.5mm | 18 |
| 608140 | D385847MS | MS Manguito para polea D385846MS | 18 |
| 608142 | D385851STDMS | MS Copa Cabra (Tipo Ovilac) | 14 |
| 608146 | D389529X4MS | MS Paquete paletas para Maxivac 3 (4) F57 | 39 |
| 608147 | D389530X4MS | MS Paquete paletas para Maxivac 4 (4) F57 | 39 |
| 608148 | D389531X4MS | MS Paquete paletas para Maxivac 5 (4) F57 | 39 |
| 608149 | D389537X4MS | MS Paquete paletas para Vac 2 (4) F57 | 39 |
| 608150 | D389538X3MS | MS Paquete paletas para Vac 2A (3) F57 | 39 |
| 608151 | D389539X4MS | MS Paquete paletas para Vac 3 & PV3B (4) F57 | 39 |
| 608152 | D389540X3MS | MS Paquete paletas para Vac 3A / PV3 / PV3A (3) F57 | 39 |
| 608153 | D389542X3MS | MS Paquete paletas para Vac 4A & Vac 4B (3) F57 | 39 |
| 608154 | D390500MS | MS Filtro de aire para Lectron D255506MS | 30 |



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| MS Parte | Corr. | Descripción | Sección Comienza |
|----------|-------------|--|------------------|
| 308155 | D390533MS | MS Grifo per | 74 |
| 608155 | D390533MS | MS Grifo perforado de plástico 12.5mm | 95 |
| 608156 | D390628MS | MS Filtro doble para Lectron | 18 |
| 608156 | D390628MS | MS Filtro doble para Lectron | 30 |
| 608156 | D390628MS | MS Filtro doble para Lectron | 95 |
| 608157 | D390637MS | MS Reducción Lectron TL-TLE blanco 3.5mm | 30 |
| 608157 | D390637MS | MS Reducción Lectron TL-TLE blanco 3.5mm | 95 |
| 608158 | D390644MS | MS Caja sin circuito | 102 |
| 612426 | D390649MS | MS Niple 50mm x 40mm x 100mm Upvc gris | 74 |
| 608159 | D390652MS | MS Eje para Lectron TL (D255654MS / D255655MS) | 18 |
| 608159 | D390652MS | MS Eje para Lectron TL (D255654MS / D255655MS) | 30 |
| 608159 | D390652MS | MS Eje para Lectron TL (D255654MS / D255655MS) | 95 |
| 608160 | D390655MS | MS Tirante 10 x 27 Acetal | 113 |
| 608161 | D390658MS | MS Eje para DV1 | 95 |
| 612494 | D390665MS | MS Cilindro para Isolator 3 PVC naranja | 18 |
| 608162 | D390666MS | MS Filtro mamparo para Isolator 3 38mm x 25mm x 6mm DC09AK | 18 |
| 608163 | D390668MS | MS Cuña 0-05mm para Maxivac 5 | 39 |
| 612453 | D390738MS | MS Eje de cierre automático | 14 |
| 608164 | D391509MS | MS Membrana para pistón ACR & Bras Ram | 18 |
| 608165 | D391511MS | MS Membrana para Pulsador Lectron D255563MS | 30 |
| 608166 | D391531MS | MS Junta doble para Lectron | 18 |
| 608166 | D391531MS | MS Junta doble para Lectron | 30 |
| 608166 | D391531MS | MS Junta doble para Lectron | 95 |
| 608167 | D391538SMS | MS Tubito corto de leche en Silicona 8mm x 16mm x 300mm | 14 |
| 608167 | D391538SMS | MS Tubito corto de leche en Silicona 8mm x 16mm x 300mm | 70 |
| 608168 | D391539SMS | MS Tubo de pulsación en silicona 6mm x 13mm x 340mm | 14 |
| 608168 | D391539SMS | MS Tubo de pulsación en silicona 6mm x 13mm x 340mm | 70 |
| 608169 | D391545MS | MS Junta repartidor para Isolac | 7 |
| 608171 | D398512MS | MS Eprom para programa GM 3000 (especificar versión de programa) | 102 |
| 608172 | D398531MS | MS Eprom para Isolator 3 tipo Vaca/Cabra | 18 |
| 608173 | D398582MS | MS Eprom para programa Windows GM3000 | 102 |
| 608174 | D399507MS | MS Junta para Maxivac 5 | 39 |
| 608175 | D428027X4MS | MS Paquete copas 280g quemado (4) | 4 |
| 608176 | D428028X4MS | MS Paquete copas 200g recto (4) | 4 |
| 608177 | D428030X4MS | MS Paquete copas 200g quemado (4) | 4 |
| 608178 | D428039X4MS | MS Paquete de copas 280g recto (4) | 4 |
| 608179 | D428201MS | MS Helice y arandela de cerámica 110LH pour D255093MS | 56 |
| 608181 | D429190MS | MS Base de montaje para Isolac 400S | 7 |
| 608182 | D433430MS | MS Pinza inox 26mm (para tubito de leche 15.5 / 16mm) | 7 |
| 608183 | D433657MS | MS Boquilla de acero inoxidable Ø18mm para tubo Ø40 | 81 |
| 608184 | D433661MS | MS Boquilla de acero inoxidable Ø16mm para tubo Ø40 | 81 |
| 608186 | D480074MS | MS Paquete válvula 22mm 90° para DV4 | 95 |
| 608187 | D480074MSNS | MS Paquete válvula 22mm 90° para DV4 (sin resorte) | 95 |
| 608188 | D480075MS | MS Paquete válvula Ø17mm para DV1 | 95 |
| 608189 | D480079MS | MS Paquete para Distribuidor de lavado | 95 |
| 608190 | D480080MS | MS Paquete válvula Ø17mm para DV5 | 18 |
| 303108 | D480109 | Fuente de energía 9A | 18 |
| 303108 | D480109 | Fuente de energía 9A | 30 |
| 303108 | D480109 | Fuente de energía 9A | 102 |
| 303108 | D480109 | Fuente de energía 9A | 113 |



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| MS Parte | Corr. | Descripción | Sección Comienza |
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| 303116 | D480128 | Repuestos p | 18 |
| 612503 | D480133MS | MS Cilindro cuerpo PVC para Isolator 3 | 18 |
| 608194 | D480150MS | MS Interruptor de conexión para D255719MS | 18 |
| 608195 | D480163MS | MS Tubo de leche Swingover | 155 |
| 608198 | D480177MS | MS Lectura óptica del Sensor | 18 |
| 608199 | D480180MS | MS Paquete pistas de circuito impreso para Isolator XP - Vaca | 18 |
| 608200 | D480185MS | MS Tapa superior para ACR 3 Ram (viejo D385788) | 18 |
| 303161 | D480197 | Repuestos para Isolator Xp Sensor | 18 |
| 608202 | D488025MS | MS Bomba 5VAC 5.5-7.5kW (reemplaza Maxivac 5) | 39 |
| 608204 | D488046MS | MS Equipo de transformación para bomba de vacío Iso a Maxivacs | 39 |
| 608205 | D488048BLUEMS | MS Separador de aceite silencioso (azul) | 39 |
| 608206 | D488048MS | MS Separador de aceite silencioso (naranja) | 39 |
| 608207 | D488063MS | MS Bomba 3VAC 1.5-2.2kW (reemplaza Maxivac 3) | 39 |
| 608208 | D488065MS | MS Bomba 4VAC 3.0-4.0kW (reemplaza Maxivac 4) | 39 |
| 608210 | D488067MS | MS Montaje para bomba de vacío Maxivac 3 y 4 horizontal | 39 |
| 608211 | D488069MS | MS Montaje para bomba de vacío Maxivac 4/5 vertical | 39 |
| 608213 | D488077MS | MS Engrasador goteo para Vac / Maxivac (D488024) | 50 |
| 608214 | D492040MS | MS Tubo de caucho 6.4mm x 13mm x 20m | 70 |
| 608215 | D492042MS | MS Tubo de caucho 8mm x 16mm x 20m | 70 |
| 608216 | D492046MS | MS Tubo de caucho 13mm x 24mm x 20m | 70 |
| 608217 | D492048MS | MS Tubo de caucho 14mm x 25mm x 20m | 70 |
| 608219 | D492052MS | MS Tubo de caucho 19mm x 33mm x 10m | 70 |
| 612496 | D492119MS | MS Equipo Soporte tarro | 95 |
| 608220 | D492164MS | MS Tubo de caucho 15.5mm x 26.5mm x 20m | 70 |
| 608221 | D492176MS | MS Pistas de circuito impreso para caja de display Mr2000 | 102 |
| 608224 | D492190MS | MS Colector para 400F alterno orificio largo bisel | 7 |
| 608225 | D492191MS | MS Colector para 400F simultáneo bisel | 7 |
| 608227 | D492192GREYMS | MS Soporte lavado Isolac gris | 7 |
| 608227 | D492192GREYMS | MS Soporte lavado Isolac gris | 123 |
| 608228 | D492192MS | MS Soporte lavado Isolac naranja | 7 |
| 608228 | D492192MS | MS Soporte lavado Isolac naranja | 123 |
| 608229 | D492206MS | MS Rollo tubo doble de caucho 8x16x20 | 70 |
| 608230 | D492211MS | MS Colector para 400FB alterno bisel | 7 |
| 608231 | D492212MS | MS Colector para 400FB simultáneo bisel | 7 |
| 608232 | D492218MS | MS Tapa + boquilla 11 bisel | 7 |
| 608233 | D492223MS | MS Colector para 400S alterno bisel | 7 |
| 608235 | D492224MS | MS Colector Isolac 400S simultáneo bisel | 7 |
| 608236 | D492225MS | MS Colector para 400SB alterno bisel | 7 |
| 608237 | D492226MS | MS Colector para 400SB simultáneo bisel | 7 |
| 608238 | D492228MS | MS Tubo de silicona claro 8mm x 16mm x 20m | 70 |
| 608239 | D492228ORANGE | MS Tubo de silicona naranja 8mm x 16mm x 20m | 70 |
| 608240 | D492230MS | MS Tubo de silicona claro 14mm x 24mm x 20m | 70 |
| 608241 | D492230ORANGE | MS Tubo de silicona naranja 14mm x 24mm x 20m | 70 |
| 608242 | D492231MS | MS Tubo de silicona claro 15.5mm x 27mm x 20m | 70 |
| 608243 | D492231ORANGE | MS Tubo de silicona naranja 15.5mm x 27mm x 20m | 70 |
| 608244 | D492232MS | MS Tubo de silicona claro 19mm x 31mm x 10m | 70 |
| 608245 | D492232ORANGE | MS Tubo de silicona naranja 19mm x 31mm x 10m | 70 |
| 608246 | D492233MS | MS Tubo de silicona tubo doble 7 x 14 x 20m | 70 |
| 608247 | D492234MS | MSCubierta + boquilla para Isolac 400Sb 8.4mm bisel | 7 |
| 608248 | D492237MS | MS Pistas de circuito impreso para Mk1 versión 2 | 102 |



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| MS Parte | Corr. | Descripción | Sección Comienza |
|----------|-----------------|--|------------------|
| 308250 | D492241MS | MS Pistas de | 102 |
| 608251 | D492243MS | MS Tubo de silicona claro 8mm x 16mm x 20m | 70 |
| 608252 | D492243ORANGE | MS Tubo de silicona naranja 8mm x 16mm x 20m | 70 |
| 608253 | D492246MS | MS Guía antiespuma para medidor de leche D492134 | 102 |
| 608254 | D492264MS | MS Tubo de silicona claro 6mm x 12mm x 20m | 70 |
| 608255 | D492264ORANGE | MS Tubo de silicona naranja 6mm x 12mm x 20m | 70 |
| 608256 | D492272MS | MS Caja de connexión conductividad | 102 |
| 303295 | D492273 | Repuestos para medidor de leche MR2000 - conductividad | 102 |
| 608258 | D492287X2ALTMS | MS Paquete copas para Caprilac (tipo Ovilac) (2) no clavija de desatascamiento | 64 |
| 608259 | D492287X2MS | MS Copas para Caprilac (tipo Ovilac) | 14 |
| 612439 | D492501BLU | MS Equipo repuestos para Pulsameter 2 izquierda azul | 102 |
| 612445 | D492601BLU | MS Equipo repuestos para Pulsameter 2 derecha azul | 102 |
| 608263 | D493200MS | MS Tarjeta para alimento caja de relevo GM 3000 | 117 |
| 303333 | D494033 | Repuestos para Pulsator Lectron | 30 |
| 303350 | D494147 | Repuestos para Pulsador Lectron TL | 30 |
| 303353 | D494167 | Repuestos para MR2000 TL | 95 |
| 303354 | D494170 | Repuestos para Isolator TL | 18 |
| 303356 | D494175 | Repuestos para Dv TL | 18 |
| 608264 | D494179MS | MS Mazarota individual D255682MS | 30 |
| 608265 | D494179MSMOD | MS Mazarota individual alterado (D255682MSMOD) | 30 |
| 608266 | D494504MS | MS Filtro fino para Pulsatronic | 30 |
| 608267 | D494512MS | MS Válvula solenoide para Pulsatronic S | 30 |
| 608268 | D494514MS | MS Batería para Pulsatronic S/600 | 30 |
| 608269 | D494523MS | MS Membrana para Pulsatronic | 30 |
| 608270 | D494524MS | MS Válvula guia para Pulsatronic | 30 |
| 608271 | D494526MS | MS Válvula disco para Pulsatronic | 30 |
| 608272 | D494532MS | MS Filtro grueso para Pulsatronic | 30 |
| 608273 | D494540MS | MS Caja para Pulsatronic | 30 |
| 608281 | D498729X4GREYMS | MS Paquete Tapas de lavado para Isojet (4) GRIS | 123 |
| 608282 | D498729X4MS | MS Paquete Tapas de lavado para Isojet (4) | 123 |
| 608283 | D498730MS | MS Paquete boquilla 20mm plástico (4) Isojet | 123 |
| 608284 | D498731MS | MS Paquete boquilla 23mm plástico (4) para Isojet | 123 |
| 608285 | D498732MS | MS Paquete boquilla 27mm plástico (4) para Isojet | 123 |
| 608287 | D498734GREYMS | MS Válvula de chequeo para Isojet GRIS | 123 |
| 608288 | D498734MS | MS Válvula de chequeo para Isojet (Naranja D498762) | 123 |
| 608289 | D498736MS | MS Válvula de lavado 50mm Push On - cerrado normal | 127 |
| 608291 | D498740GRYCHKMS | MS Ducha contrapezoneras - Gris | 123 |
| 608292 | D498740MS | MS Ducha contrapezoneras | 123 |
| 608296 | D498744MS | MS Válvula conversión de 3 vías Ø50 | 127 |
| 608299 | D498745X4MS | MS Paquete juntas para Caprijet | 123 |
| 608301 | D498747GREYMS | MS Toma entrada para Isojet-Caprijet gris | 123 |
| 608302 | D498747MS | MS Toma entrada para Isojet-Caprijet | 123 |
| 608307 | D498794MS | MS Equipo ducha cabra | 123 |
| 608308 | D500000MS | MS Llave de goma de dos vías 40mm | 62 |
| 608309 | D500002MS | MS Gancho tubo doble 40mm | 111 |
| 608310 | D500005MS | MS Llave de goma de dos vías 51mm | 62 |
| 608311 | D500006MS | MS Equipo boquilla 17mm 32 - 51mm | 30 |
| 608313 | D508027MS | MS Distribuidor de alimentación eléctrica | 113 |
| 608313 | D508027MS | MS Distribuidor de alimentación eléctrica | 155 |
| 608314 | D508042MS | MS Taladro Mk2 Unidad de Medición | 113 |



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| 308315 | D508244MS | MS Dispens: | 117 |
| 608317 | D508259MS | MS Equipo pesebre para Tiris | 117 |
| 608319 | D510029MS | MS Antena para Tiris para ICT/IST (D262638 Flex) | 117 |
| 608320 | D510079MS | MS Etiqueta de oreja Tiris hembra 3cm - vaca | 119 |
| 608321 | D510081MS | MS Botón macho - Varilla estándar 25mm | 119 |
| 608322 | D510082MS | MS Pinza para etiqueta Varilla estándar | 119 |
| 608323 | D510085MS | MS Botón macho 20mm Varilla corta | 119 |
| 608329 | D700000MS | MS Detector de mastitis azul individual | 153 |
| 608330 | D700006MS | MS Paquete filtros de género 70 x 266 (100) | 60 |
| 608331 | D700007MS | MS Paquete filtros de género 70 x 240 fibra de poliéster (100) | 60 |
| 608332 | D700018MS | MS Paquete filtros de género 620mm x 58mm 80g/m ² (200) | 60 |
| 506959 | D700019MS | MS Paquete filtros de género 80g/m ² 400 x 58mm (200) | 60 |
| 608333 | D700020MS | MS Paquete filtros de género 120g/m ² 620 x 58mm (100) | 60 |
| 608334 | D700021MS | MS Paquete filtros de género 120g/m ² 400 x 58mm (100) | 60 |
| 608335 | D700149MS | MS Basa válvula piloto para Isovac 3500 | 46 |
| 608336 | D700150KITMS | MS Bolsa repuestos para Isovac 3500 | 46 |
| 608337 | D700150MS | MS Regulador para Isovac 3500 naranja | 46 |
| 608338 | D700151MS | MS Membrana inferior para Isovac 3500 de silicona | 46 |
| 608339 | D700152MS | MS Tubo de equilibrios de vacío para Isovac 3500 | 46 |
| 608340 | D700153MS | MS Tornillo de estrella 4.8 x 16B | 46 |
| 608341 | D700154MS | MS Junta tórica 0031-16 pour Isovac 3500 (individual) | 46 |
| 608342 | D700155MS | MS Junta tórica 0221-16 pour Isovac 3500 (individual) | 46 |
| 608344 | D700156MS | MS Membrana negra piloto para Isovac 3500 | 46 |
| 608345 | D700157MS | MS Filtro papel para Isovac 3500 superior | 46 |
| 608346 | D700158MS | MS Tornillo mleteado M6 x 10 para Isovac 3500 | 46 |
| 608347 | D700159MS | MS Resorte de válvula para Isovac 3500 | 46 |
| 608348 | D700160MS | MS Válvula para Isovac 3500 | 46 |
| 608349 | D700161MS | MS Cuerpo de molde para Isovac 3500 | 46 |
| 608350 | D700162MS | MS Caja filtro opcional | 46 |
| 608351 | D700163MS | MS Filtro para Isovac 3500 inferior | 46 |
| 608352 | D700164MS | MS Regulador para Isovac 7000 naranja | 46 |
| 608353 | D700165MS | MS Arandela de válvula piloto | 46 |
| 608354 | D700166MS | MS Válvula piloto para Isovac | 46 |
| 608355 | D700167MS | MS Filtro espuma para Isovac 3500 | 46 |
| 608356 | D700168MS | MS Junta para Isovac/Servac 7000 | 46 |
| 608357 | D700169MS | MS Tapón para Isovac 7000 | 46 |
| 608358 | D700170MS | MS Equipo Engrasador de goteo | 50 |
| 608359 | D700171MS | MS Tornillo de ajuste para engrasador | 50 |
| 608360 | D700172MS | MS Junta tórica para engrasador | 50 |
| 608361 | D700173MS | MS Disco para engrasador | 50 |
| 608362 | D700174MS | MS Esponja engrasador 14 x 30mm | 50 |
| 608363 | D700175MS | MS Cuerpo del engrasador | 50 |
| 608364 | D700176MS | MS Cuentagotas para engrasador | 50 |
| 608365 | D700177MS | MS Mirilla de cristal para engrasador | 50 |
| 608366 | D700178MS | MS Barril para engrasador | 50 |
| 608367 | D700179MS | MS Arandela 14 x 18mm de cobre para engrasador | 50 |
| 608368 | D700183MS | MS Junta lubricador | 50 |
| 608369 | D700217MS | MS Válvula mariposa de goma 32mm | 62 |
| 608370 | D700305MS | MS Cubo con tapa de plástico 30L | 153 |
| 608371 | D700400MS | MS "T" de silicona 32mm | 62 |



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| 308372 | D700401MS | MS Codo de | 62 |
| 608373 | D700403MS | MS Codo radio largo de silicona 32 x 32mm | 62 |
| 608374 | D700404MS | MS Manguito de silicona 32 x 32mm | 62 |
| 608375 | D700405MS | MS "T" de silicona 32 x 32 x 32mm | 62 |
| 608376 | D700406MS | MS "T" de reducción de silicona 32 x 32 x 26mm | 62 |
| 608377 | D700407MS | MS Bola colector tarro y reductor de silicona 32mm | 62 |
| 608378 | D700408MS | MS Válvula mariposa de goma 32mm | 62 |
| 608379 | D700409MS | MS "T" de silicona 40mm | 62 |
| 608380 | D700410MS | MS Codo de silicona 40mm | 62 |
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June 2011 (ver1.62)