

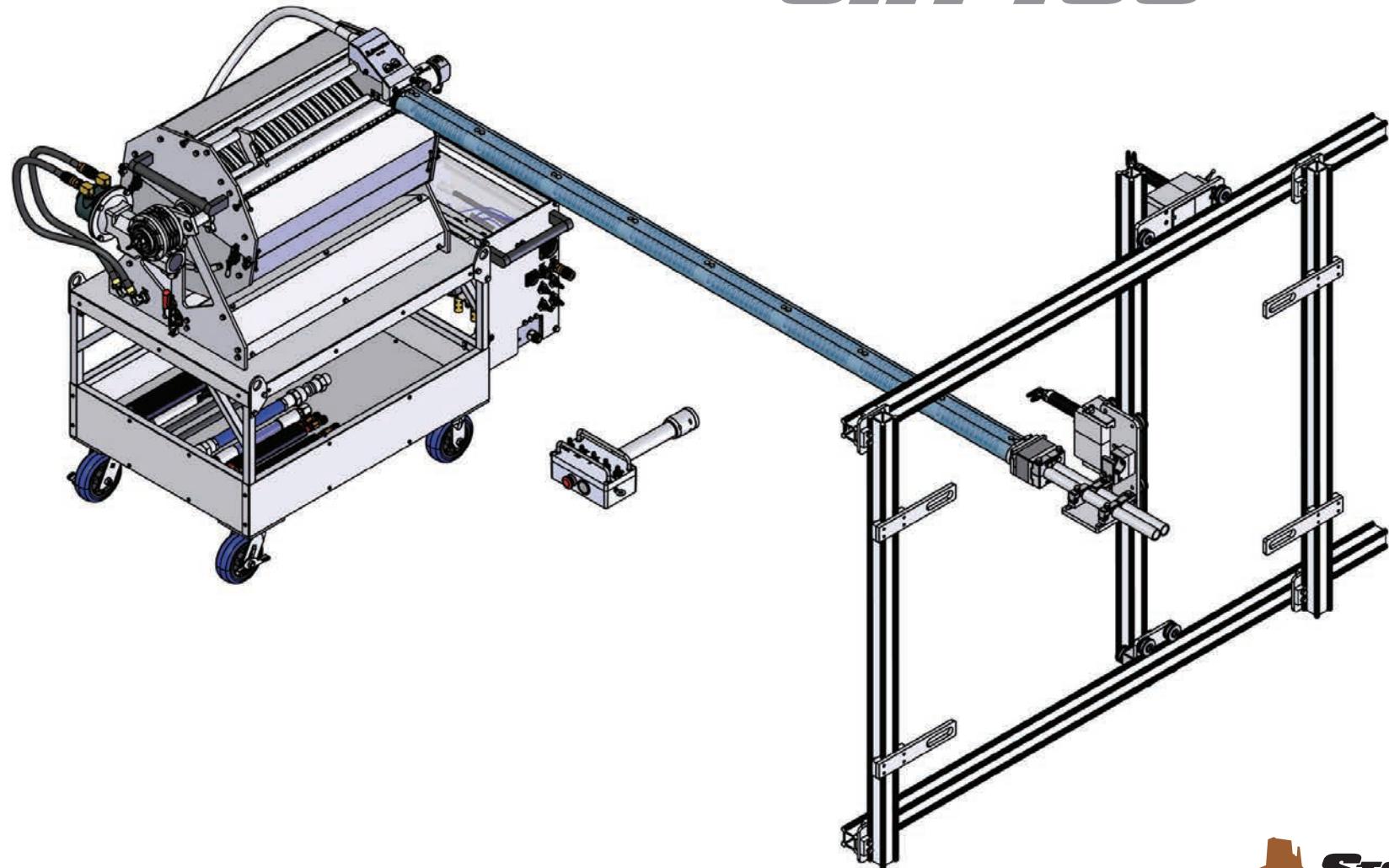
# PARTS MANUAL

# **SABERTOOOTH**

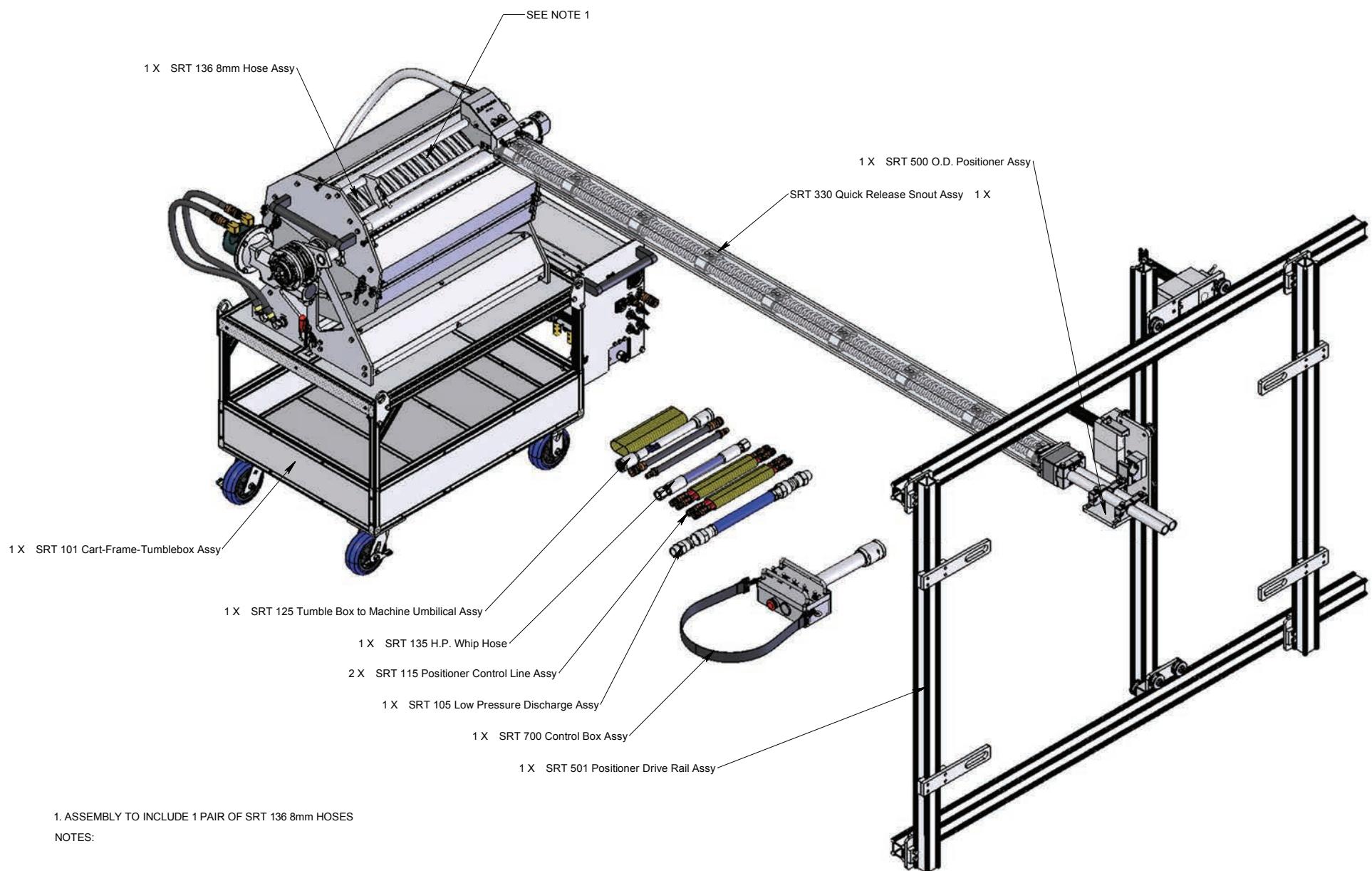
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## **SRT-100**

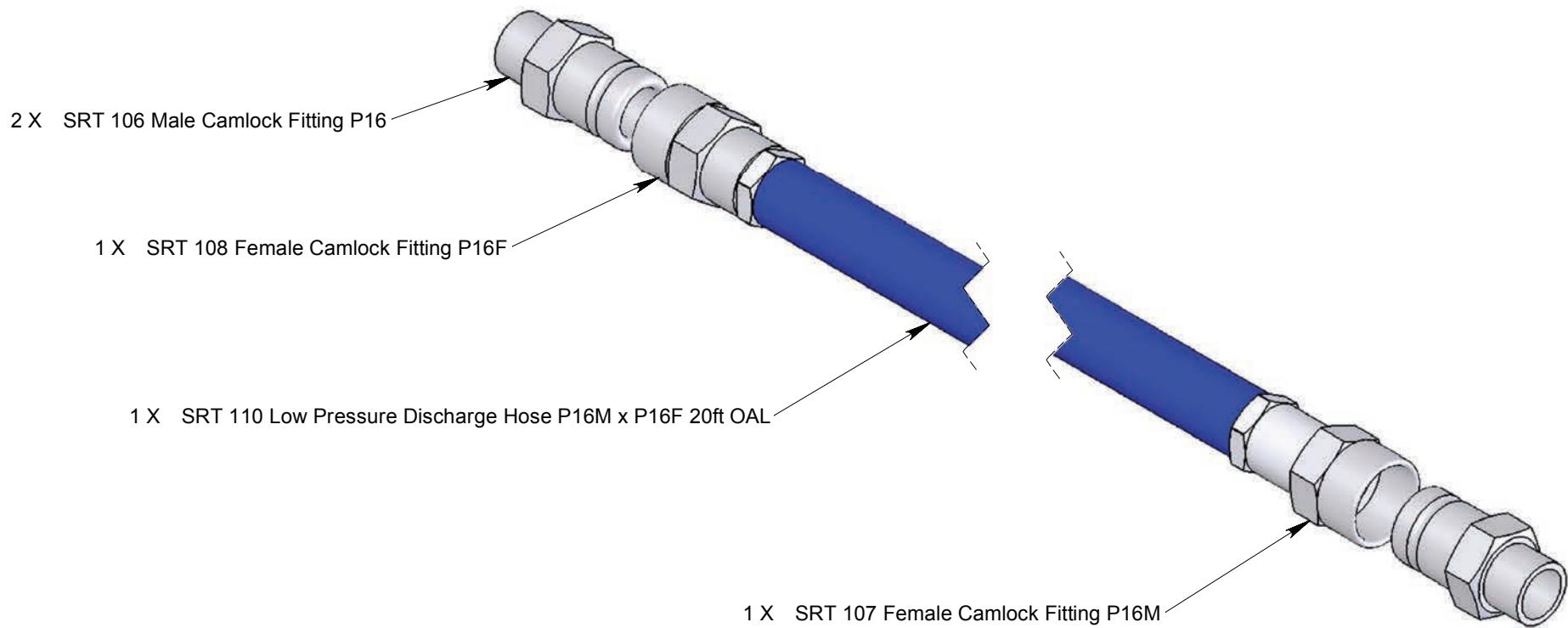
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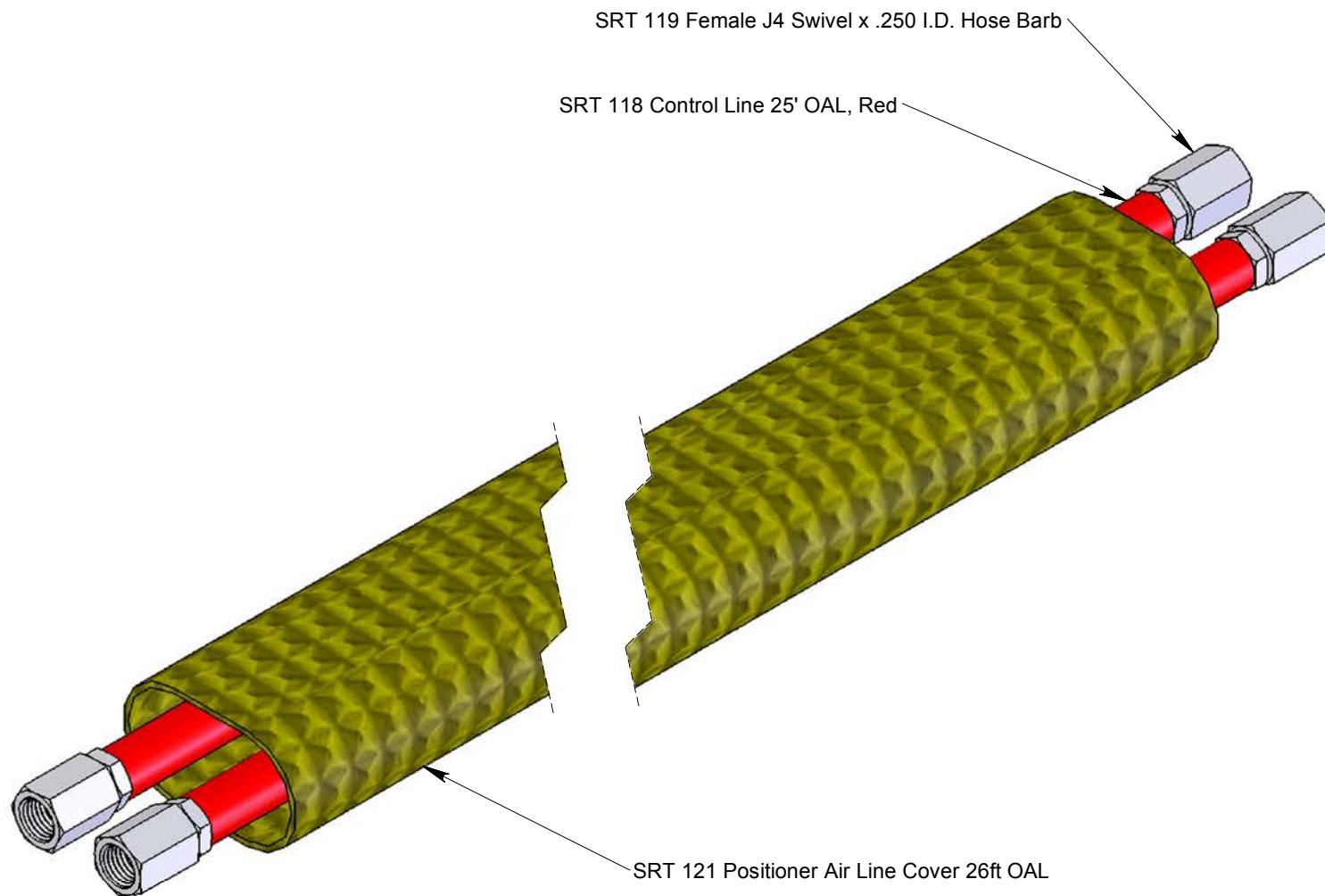
## SRT-100 Assy Parts List



## SRT 105 Low Pressure Discharge Assy Parts List

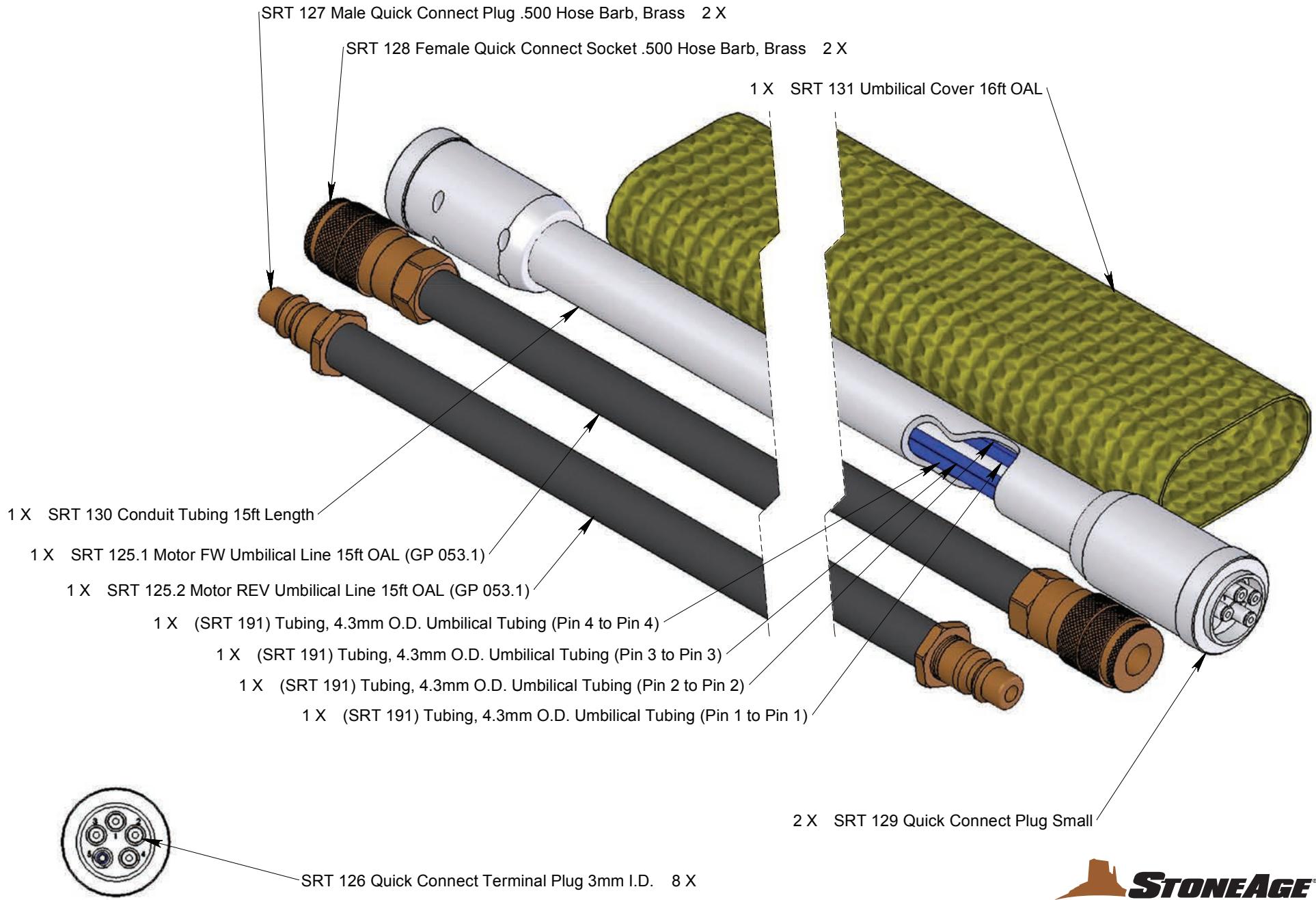


## SRT 115 Positioner Control Line Assy Parts List

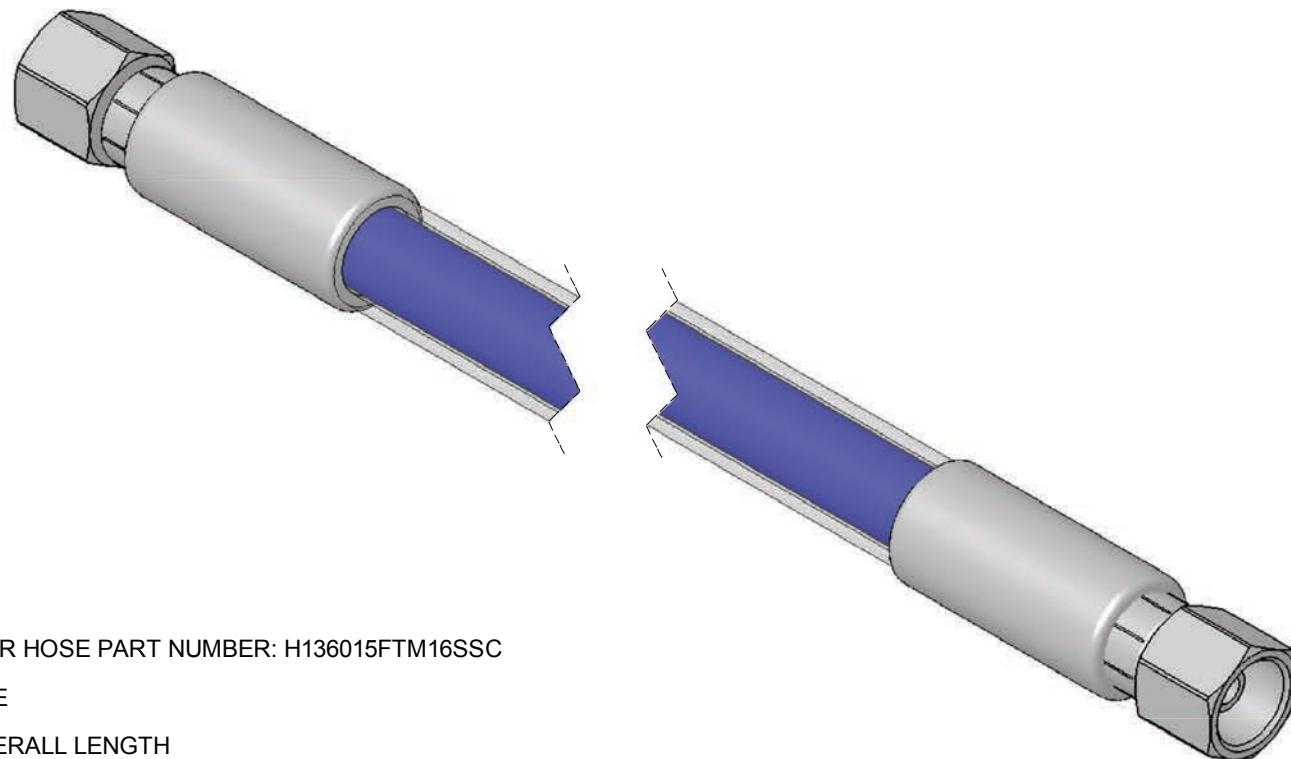


PART NUMBER	QTY.
SRT 118 Control Line 25' OAL, Red	2
SRT 119 Female J4 Swivel x .250 I.D. Hose Barb	4
SRT 121 Positioner Air Line Cover 26ft OAL	1

## SRT 125 Tumble Box to Machine Umbilical Assy Parts List



## SRT 135 H.P. Whip Hose Parts List



SPIR STAR HOSE PART NUMBER: H136015FTM16SSC

13/6 HOSE

15 FT OVERALL LENGTH

TYPE "M" SWIVEL ENDS 1"-12 STAINLESS

WITH ABRASION COVER

## SRT 136 8mm Hose Assy Parts List



SPIR STAR HOSE PART NUMBER:

8/4 HOSE

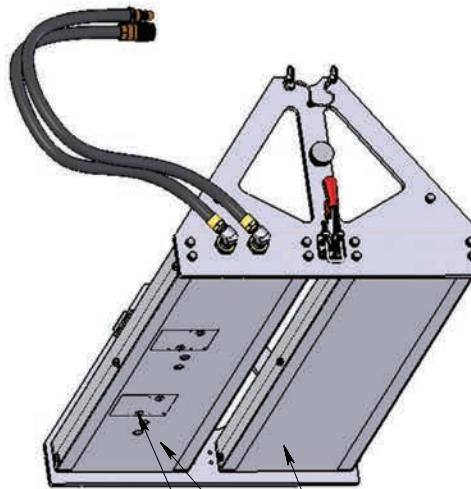
66 FT OVERALL LENGTH (SEE LENGTH NOTE)

END 1: TYPE "M" SWIVEL END 3/4"-16 STAINLESS

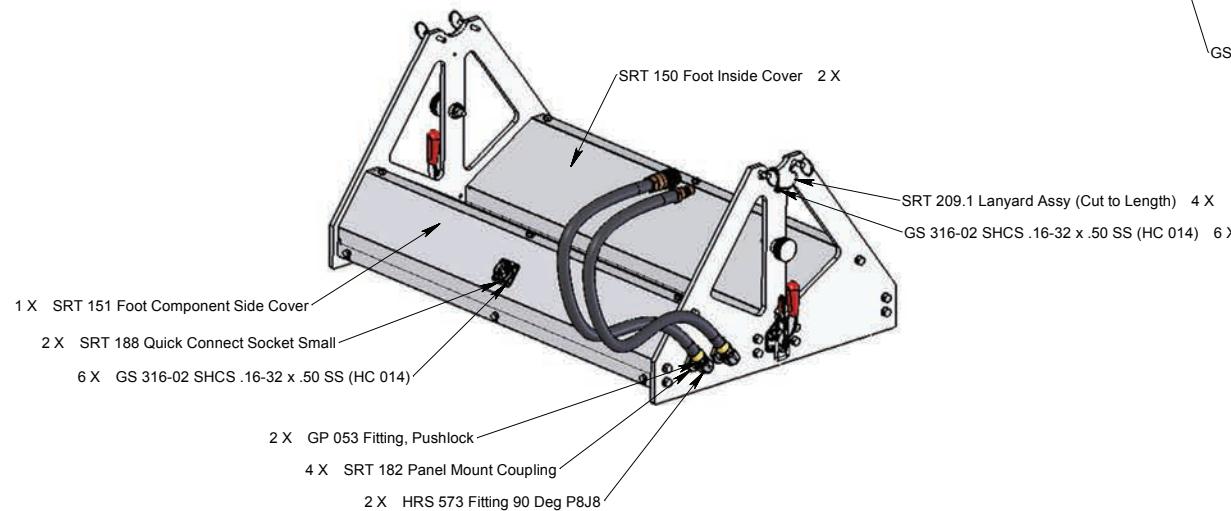
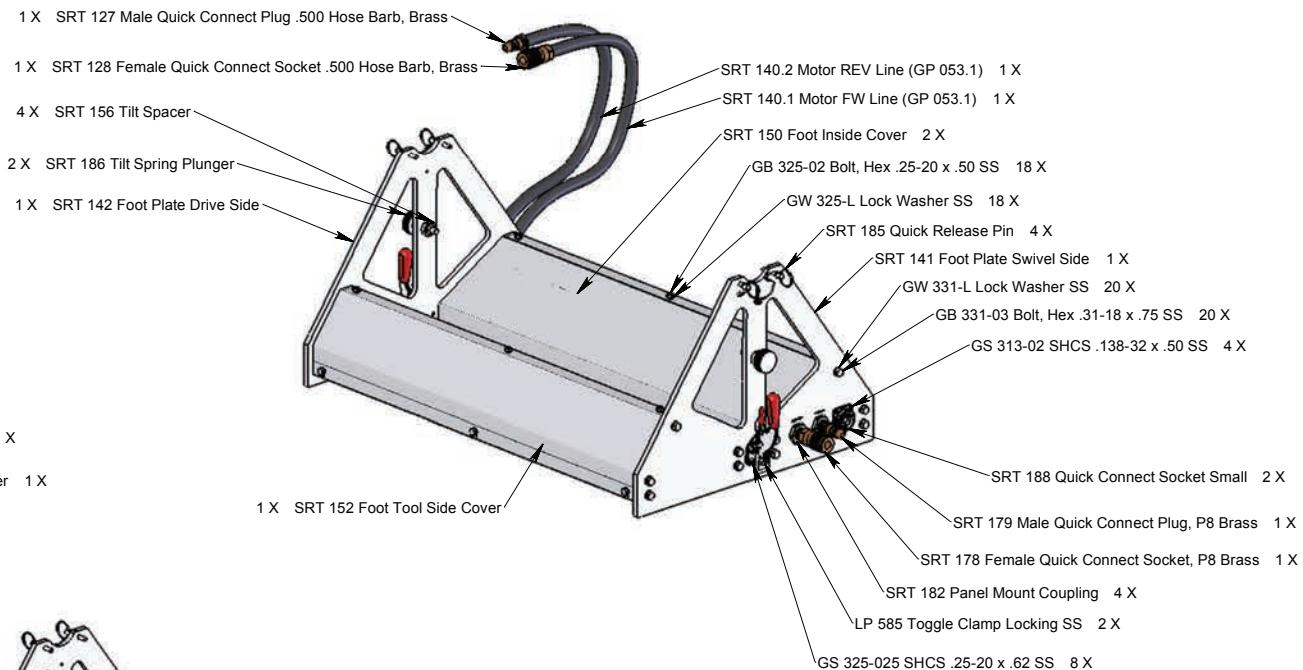
END 2: 9/16"-18 MEDIUM PRESSURE LH MALE BLASTPRO STAINLESS

HOSES TO BE PURCHASED IN PAIRS; OAL'S MUST BE WITHIN  
0.10" TO EACH OTHER

SRT 140 Foot Assy Parts List



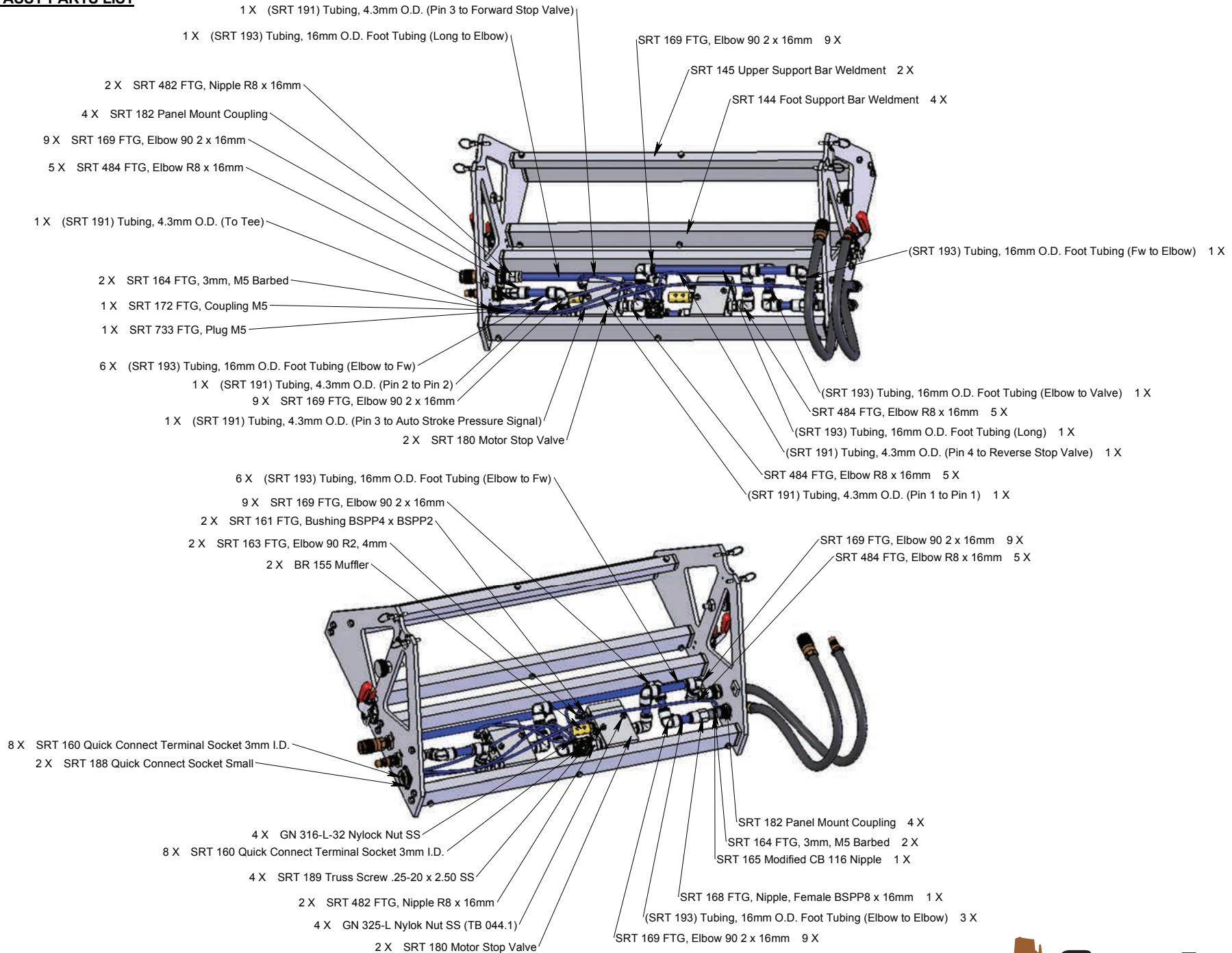
SRT 154 Bottom Tool Side Cover 1 X  
 SRT 153 Bottom Component Mounting Cover 1 X  
 SRT 189 Truss Screw .25-20 x 2.50 SS 4 X



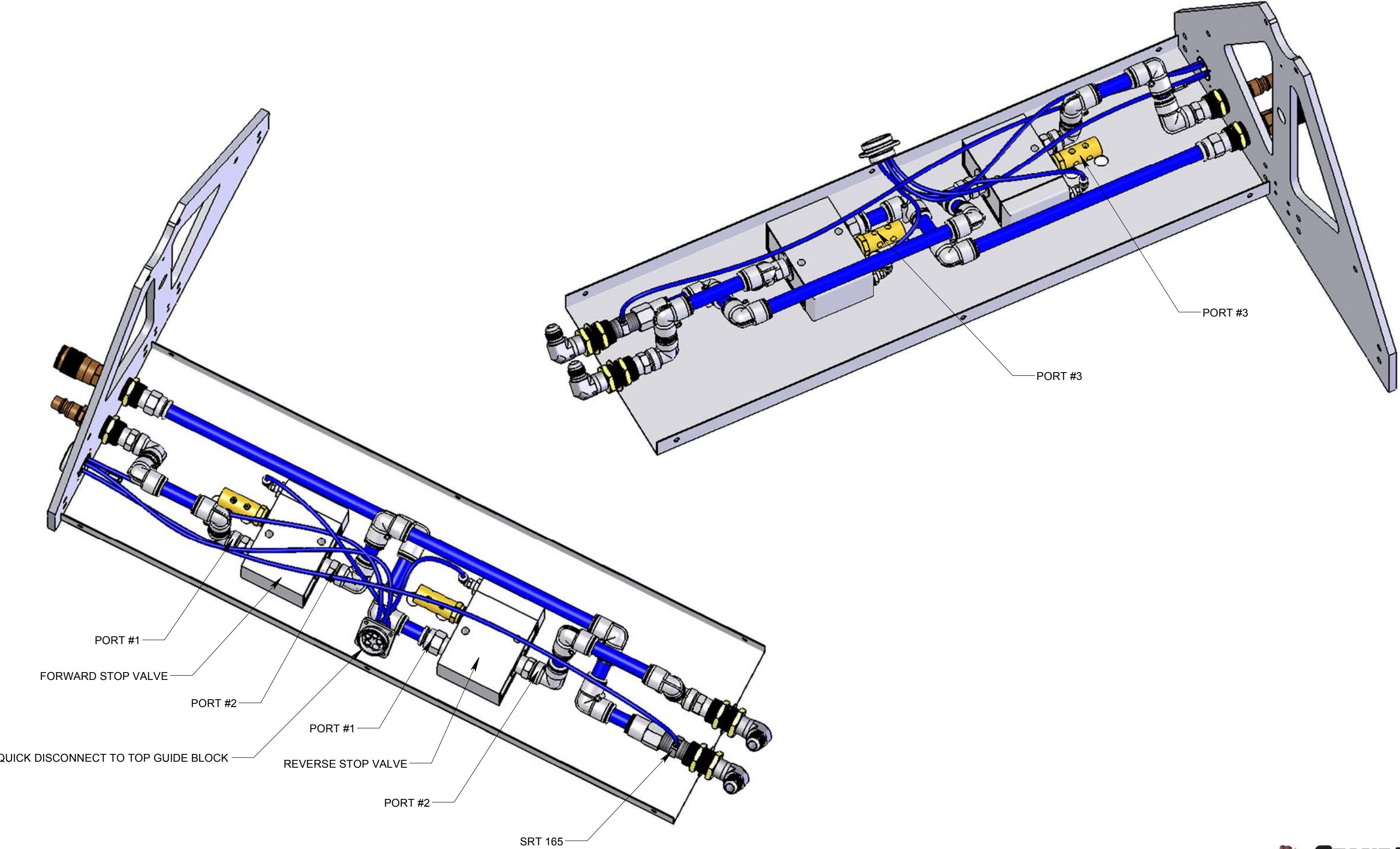
1 X SRT 151 Foot Component Side Cover  
 2 X SRT 188 Quick Connect Socket Small  
 6 X GS 316-02 SHCS .16-32 x .50 SS (HC 014)

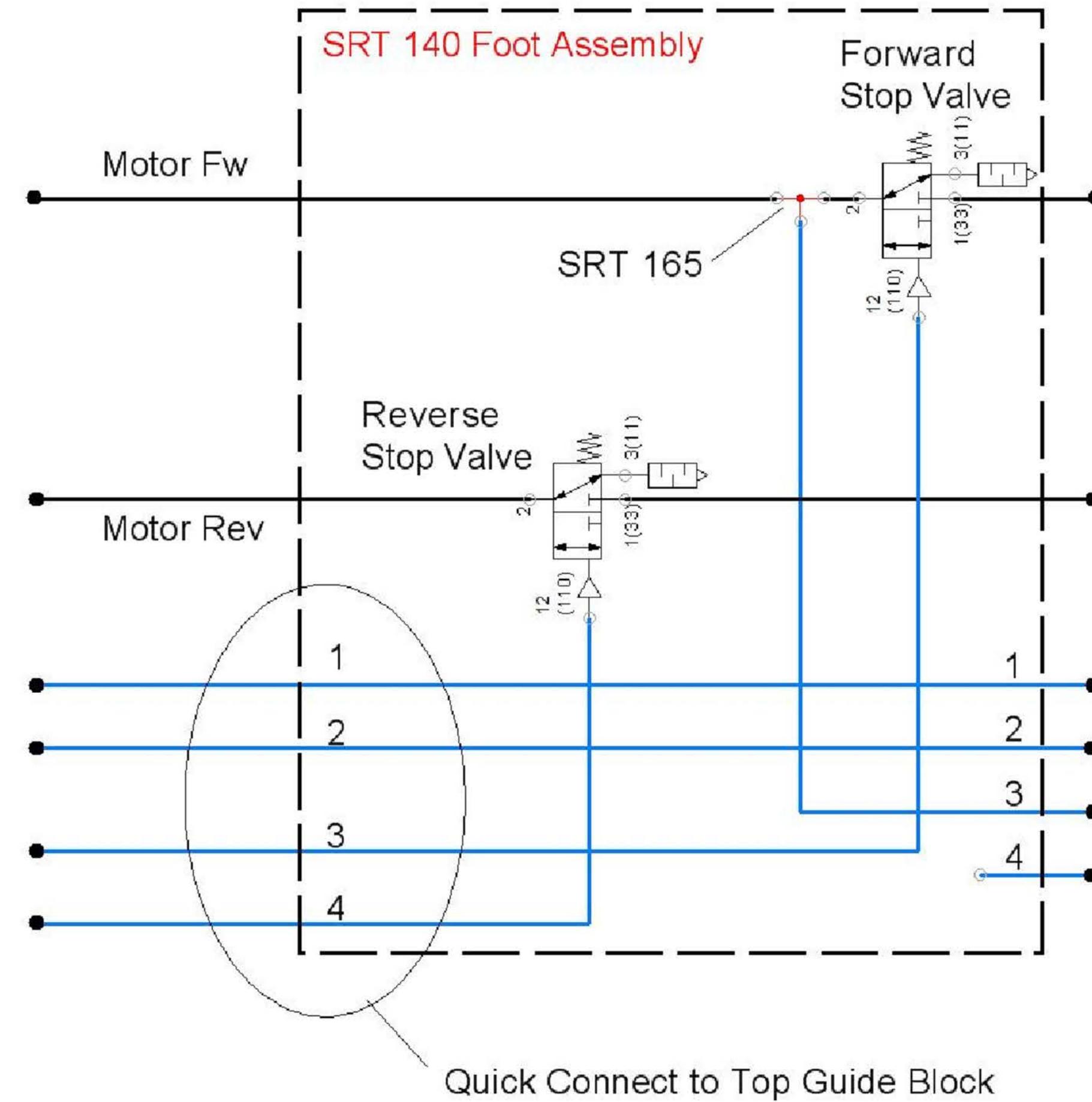
2 X GP 053 Fitting, Pushlock  
 4 X SRT 182 Panel Mount Coupling  
 2 X HRS 573 Fitting 90 Deg P8J8

## SRT 140 FOOT ASSY PARTS LIST

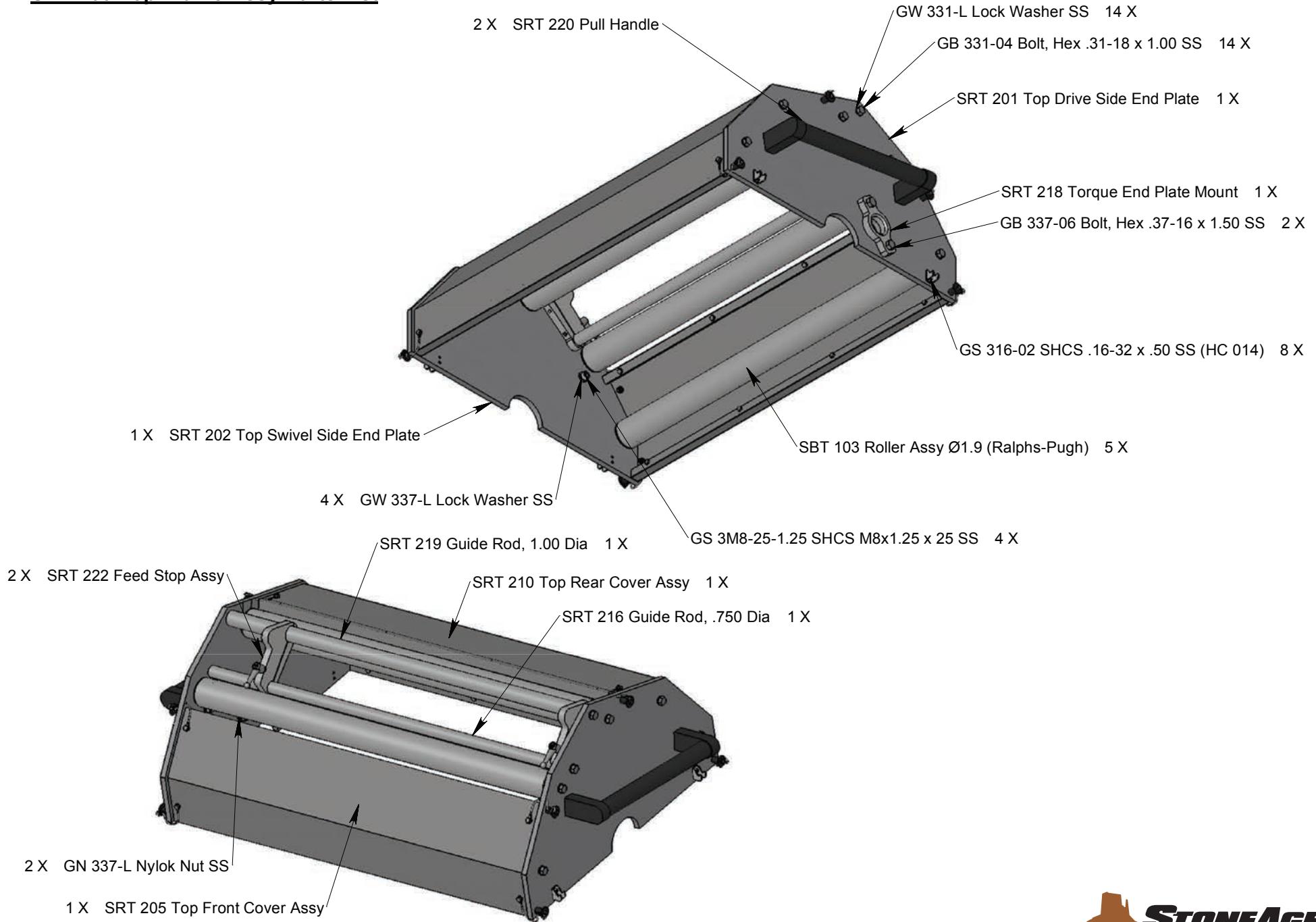


## SRT 140 Foot Assy Parts List

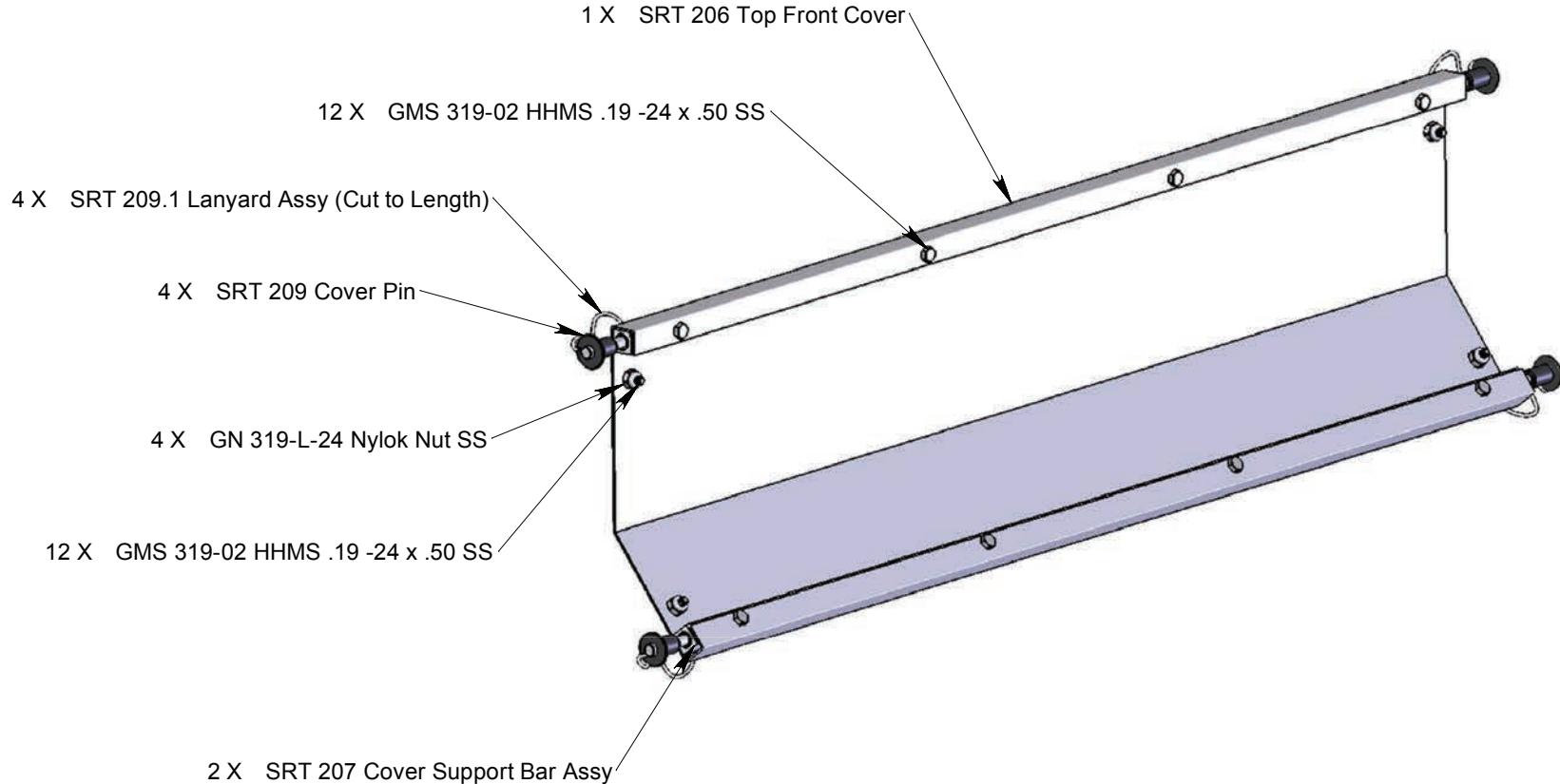




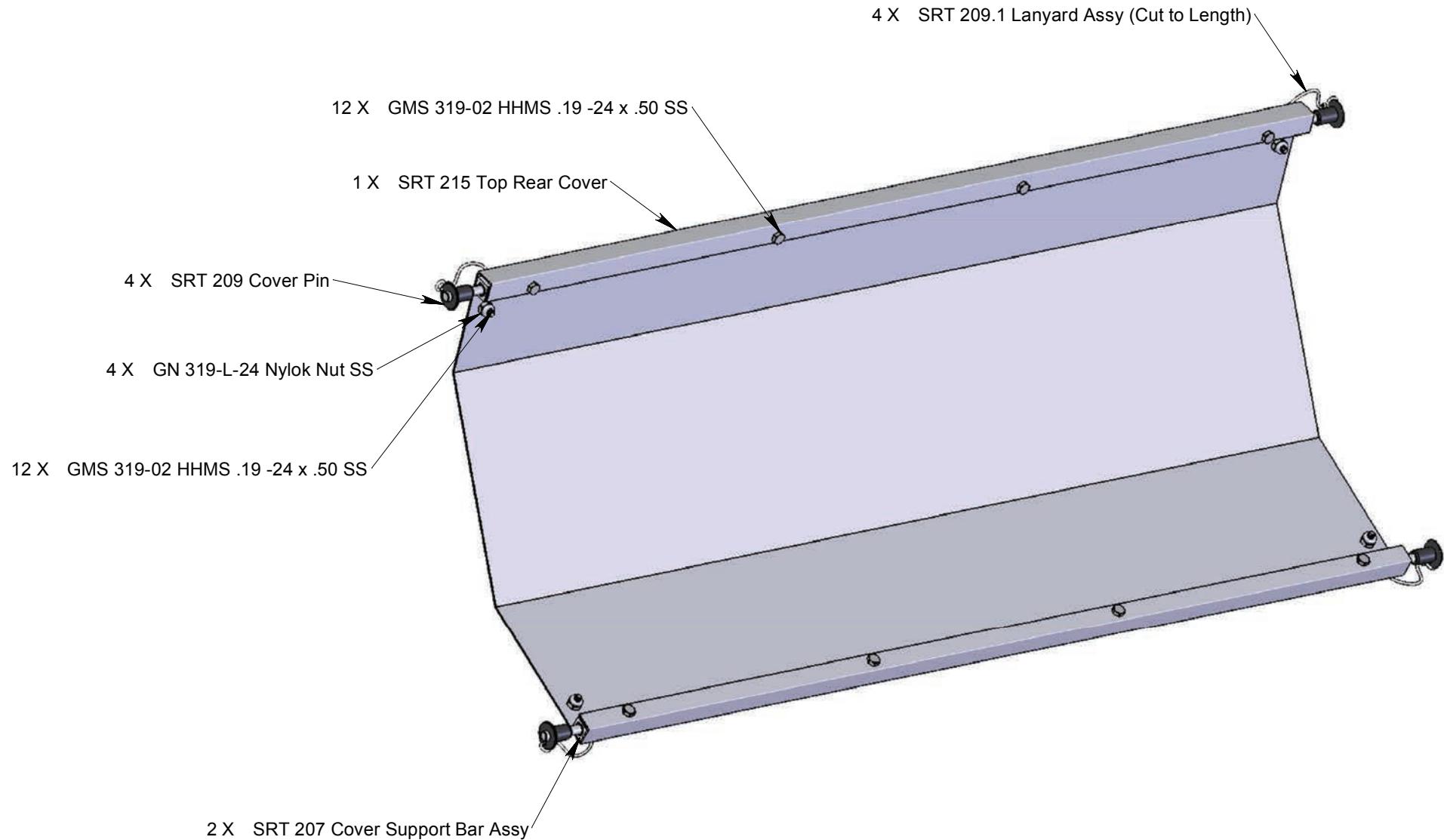
## SRT 200 Top Frame Assy Parts List



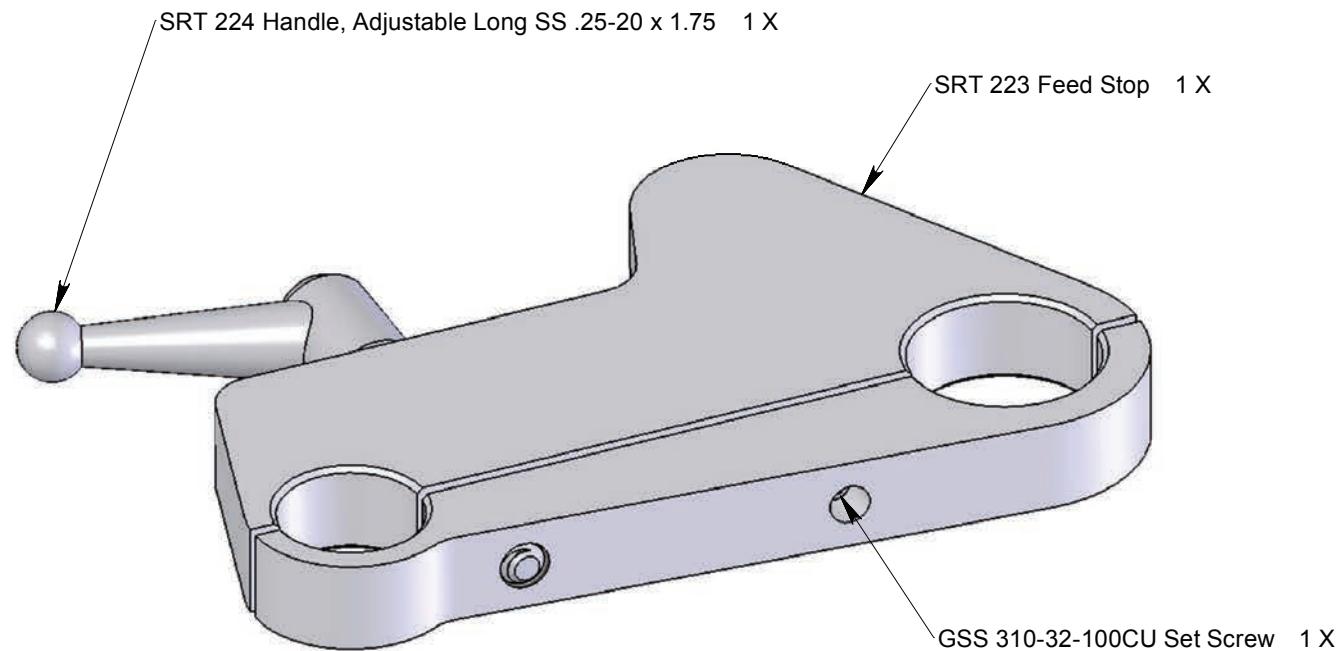
## SRT 205 Top Front Cover Assy Parts List



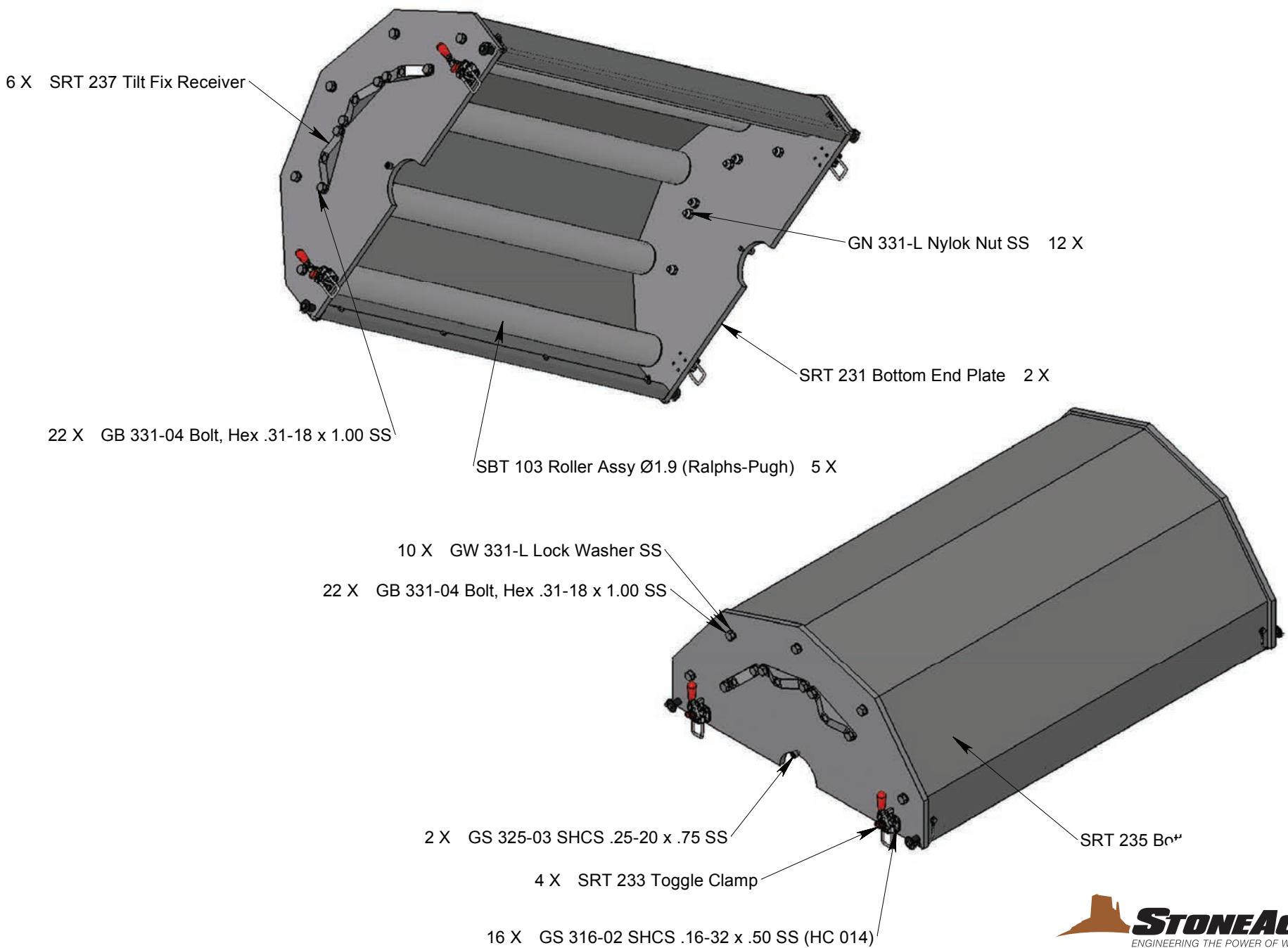
## SRT 210 Top Rear Cover Assy Parts List



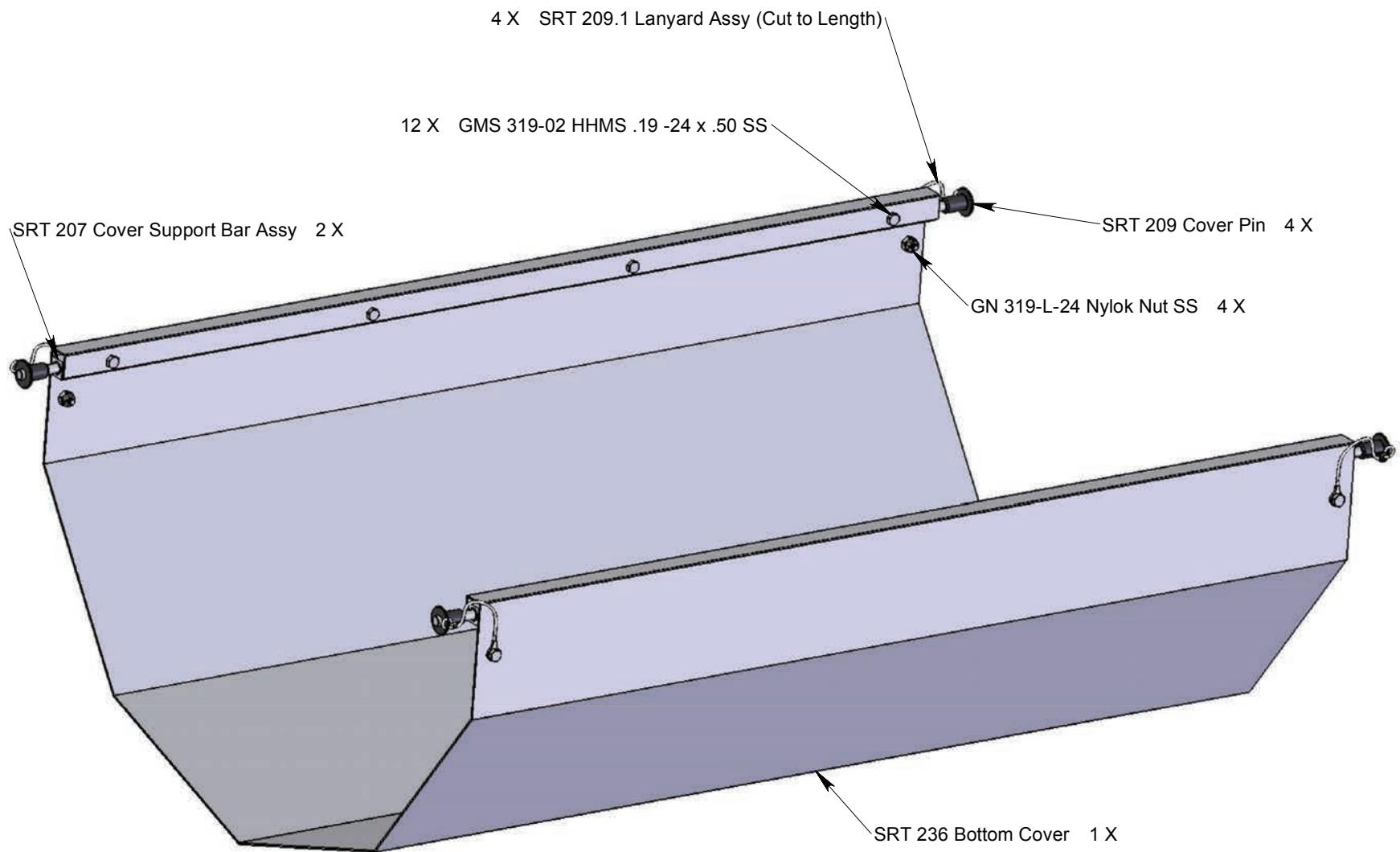
## SRT 222 Feed Stop Assy Parts List



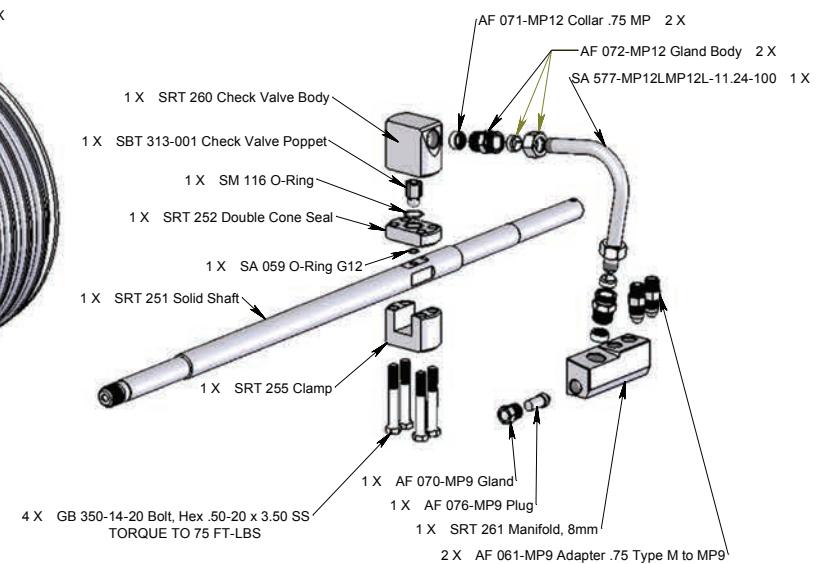
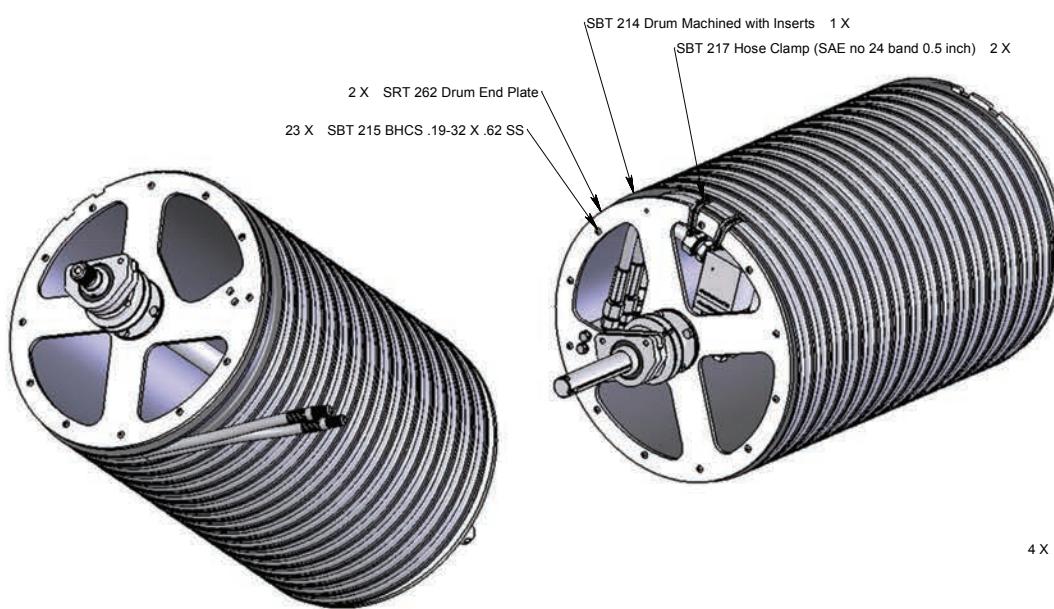
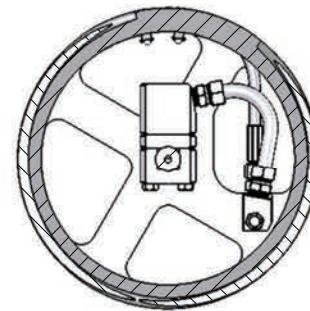
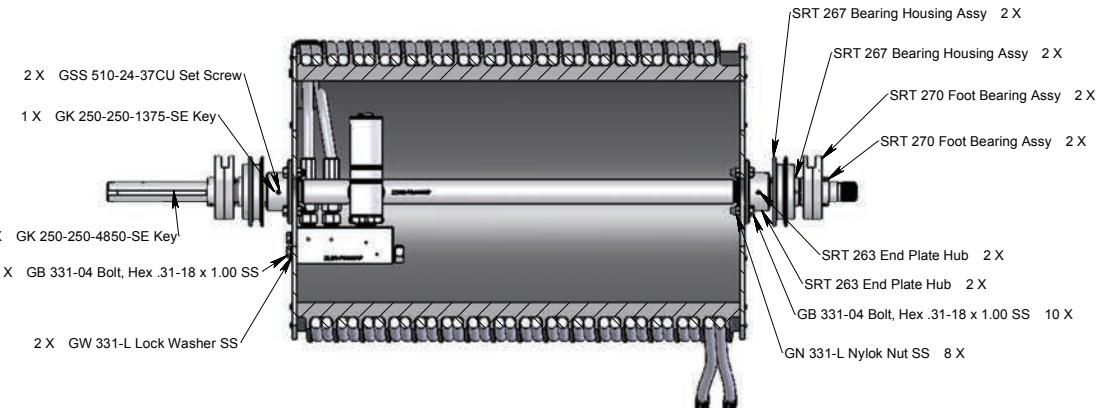
## SRT 230 Bottom Frame Assy Parts List



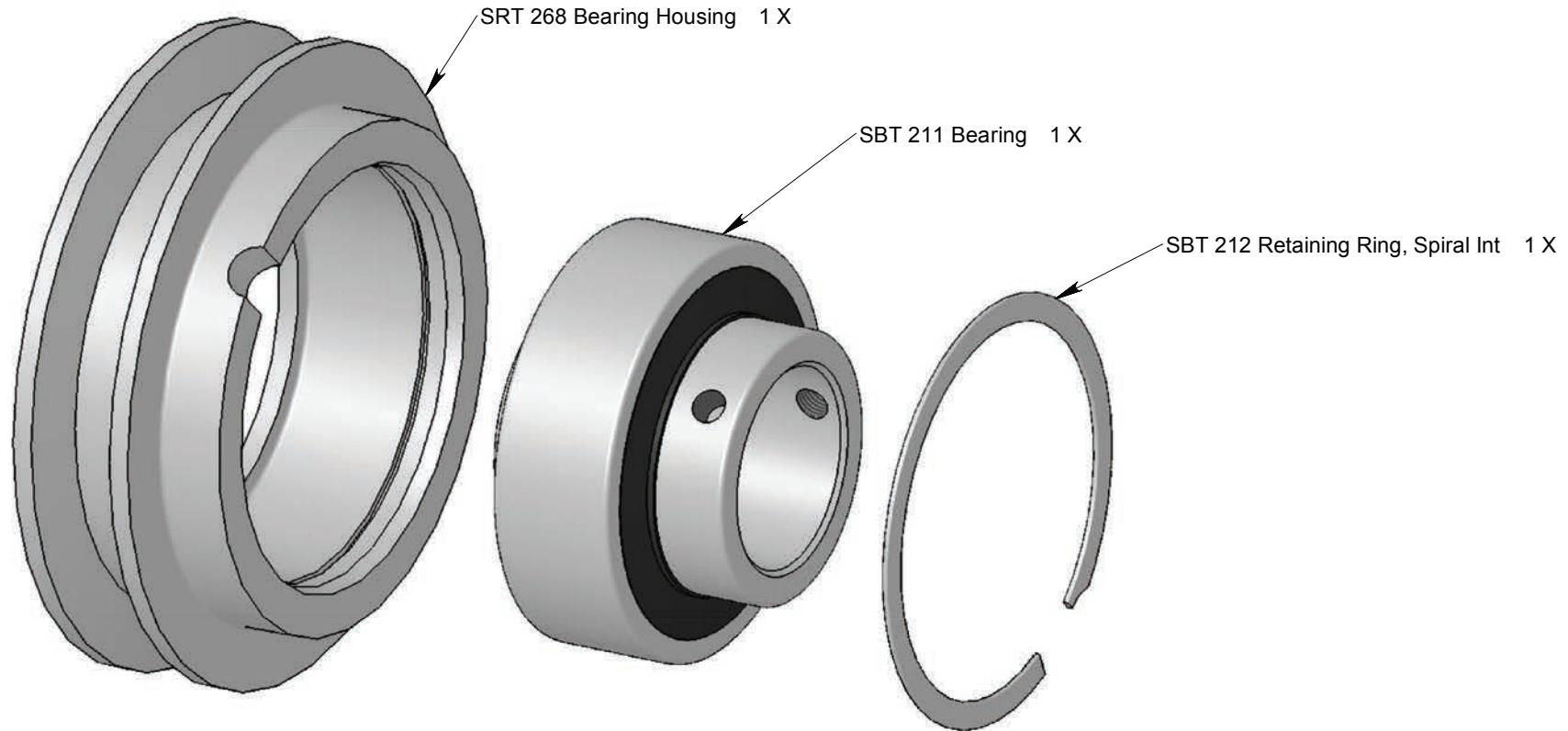
## SRT 235 Bottom Cover Assy Parts List



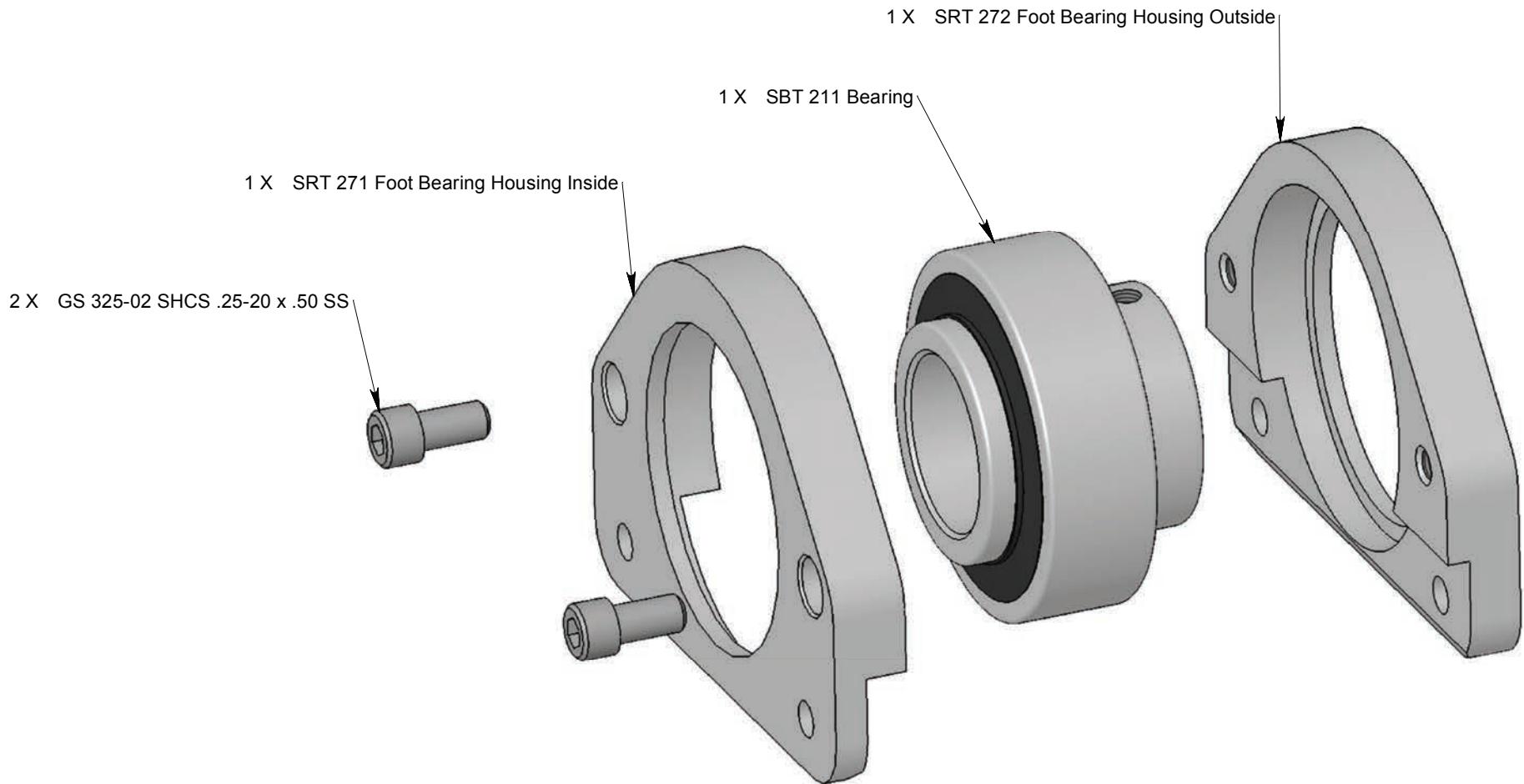
SRT 250 Drum Assy Parts List



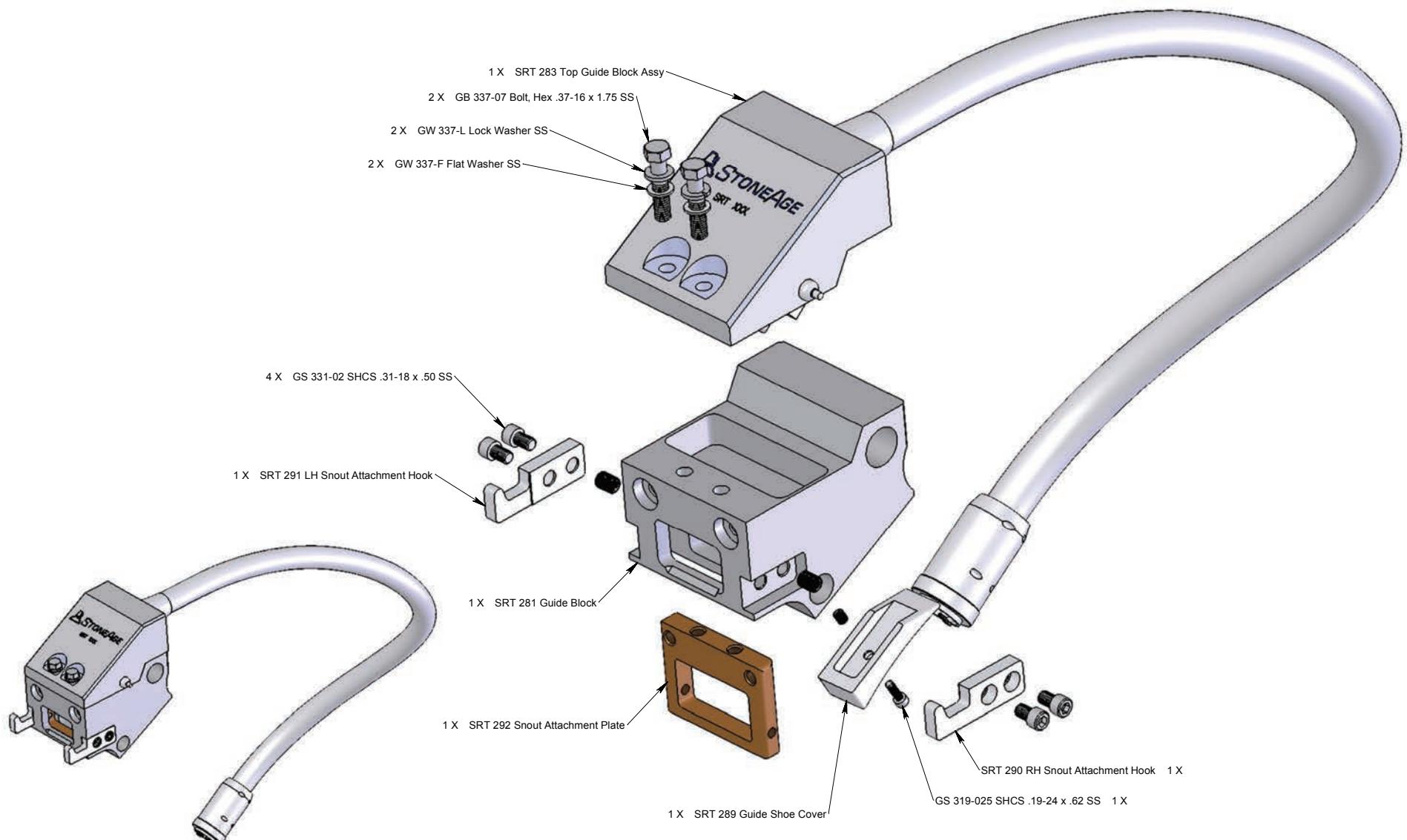
## SRT 267 Bearing Housing Assy Parts List



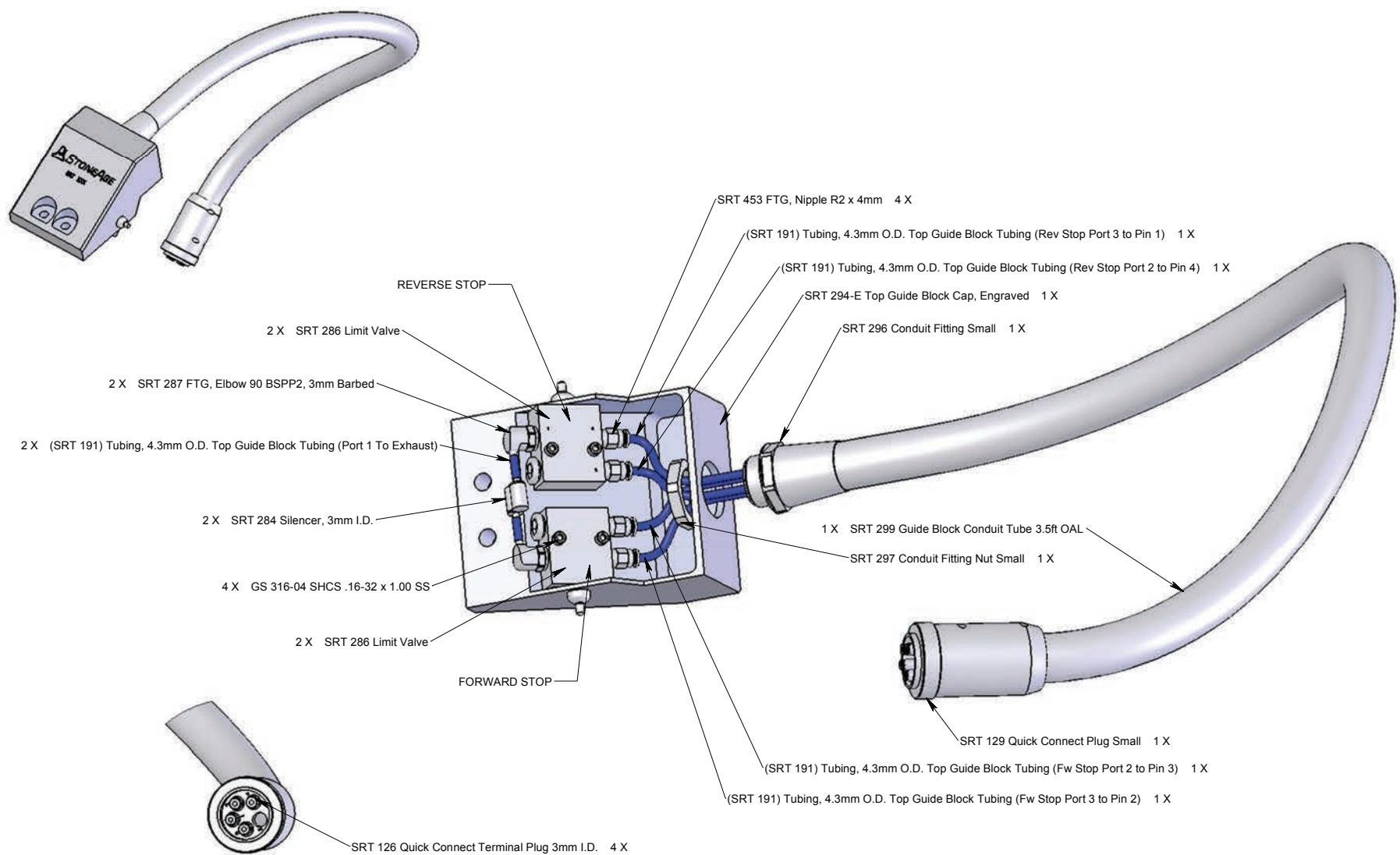
## SRT 270 Foot Bearing Assy Parts List



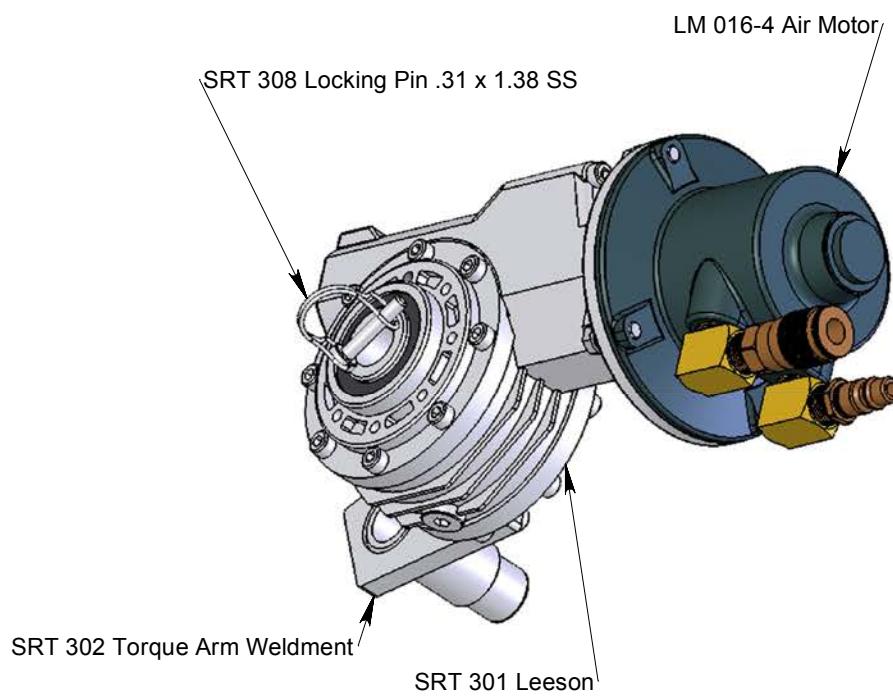
SRT 280 Guide Block Assy Parts List



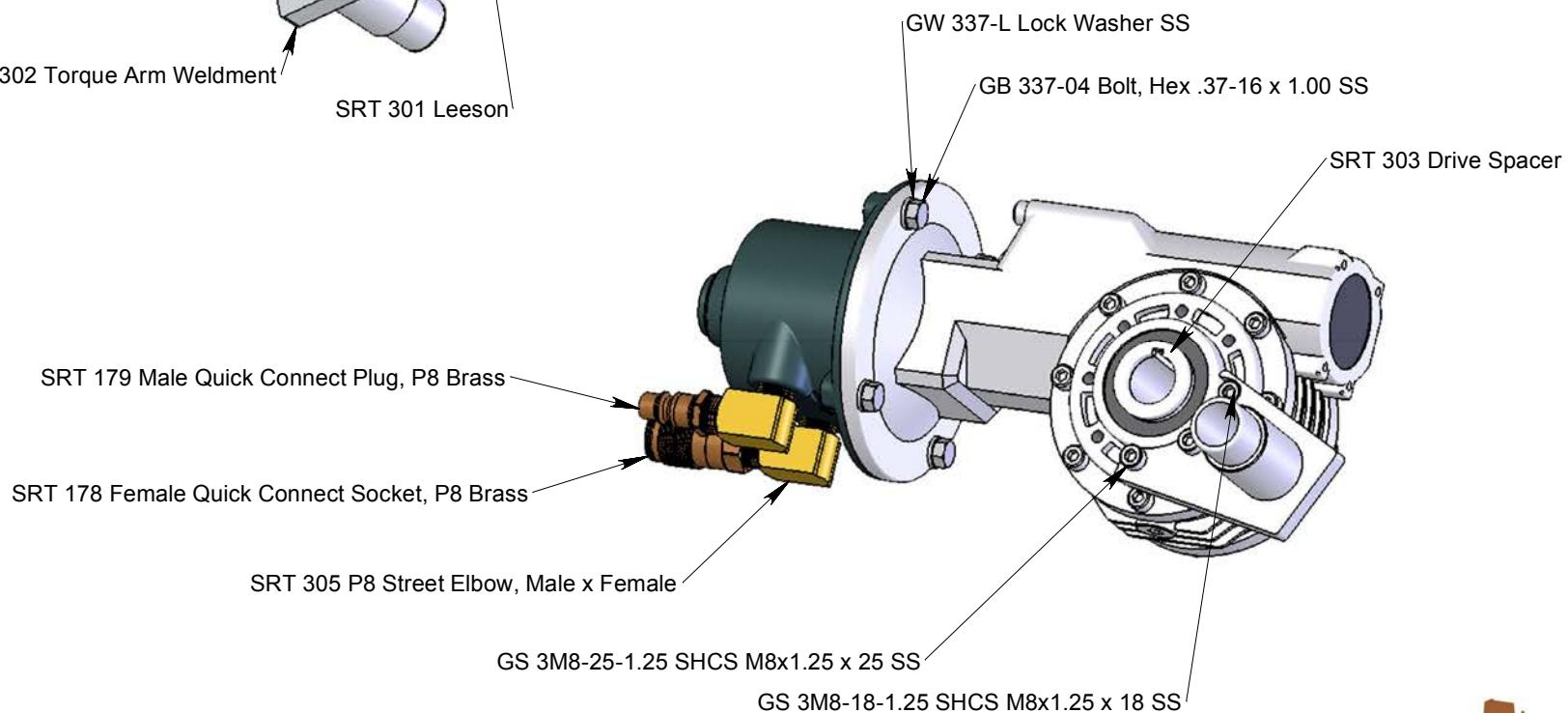
**SRT 283 Top Guide Block Assy Parts List**



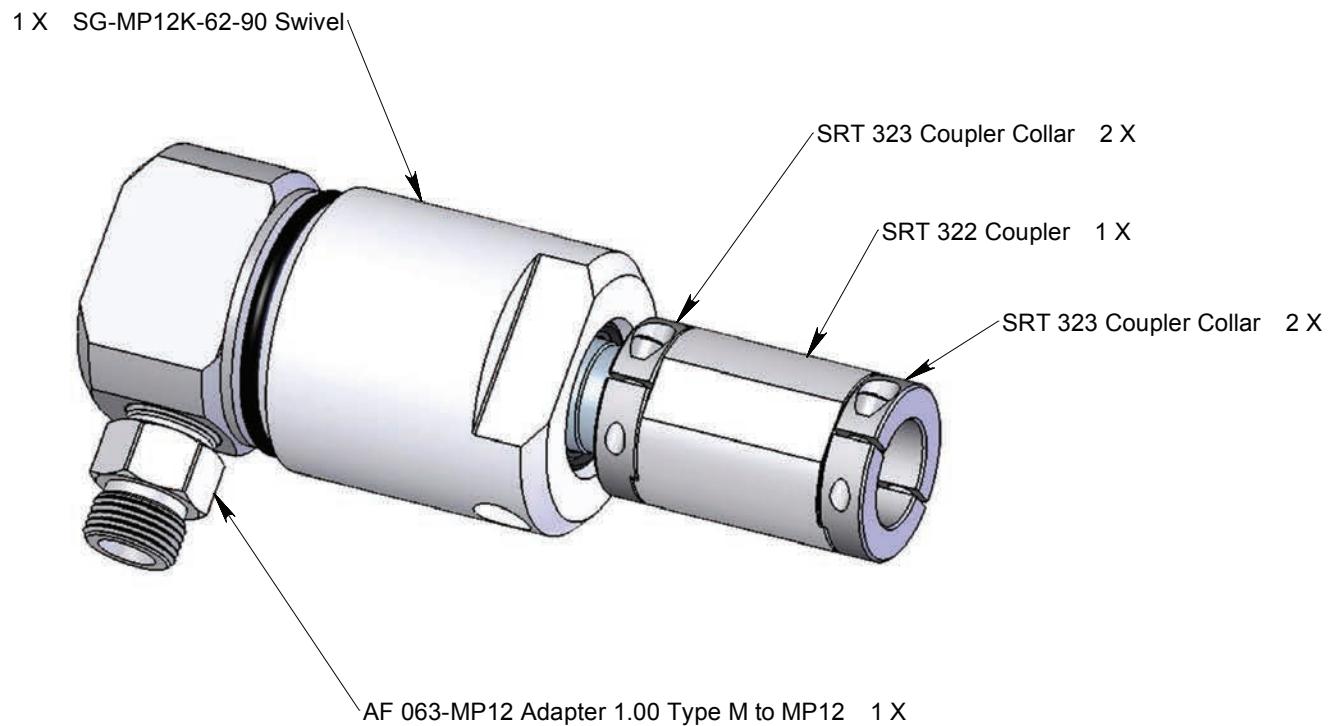
## SRT 300 Drive Assy Parts List



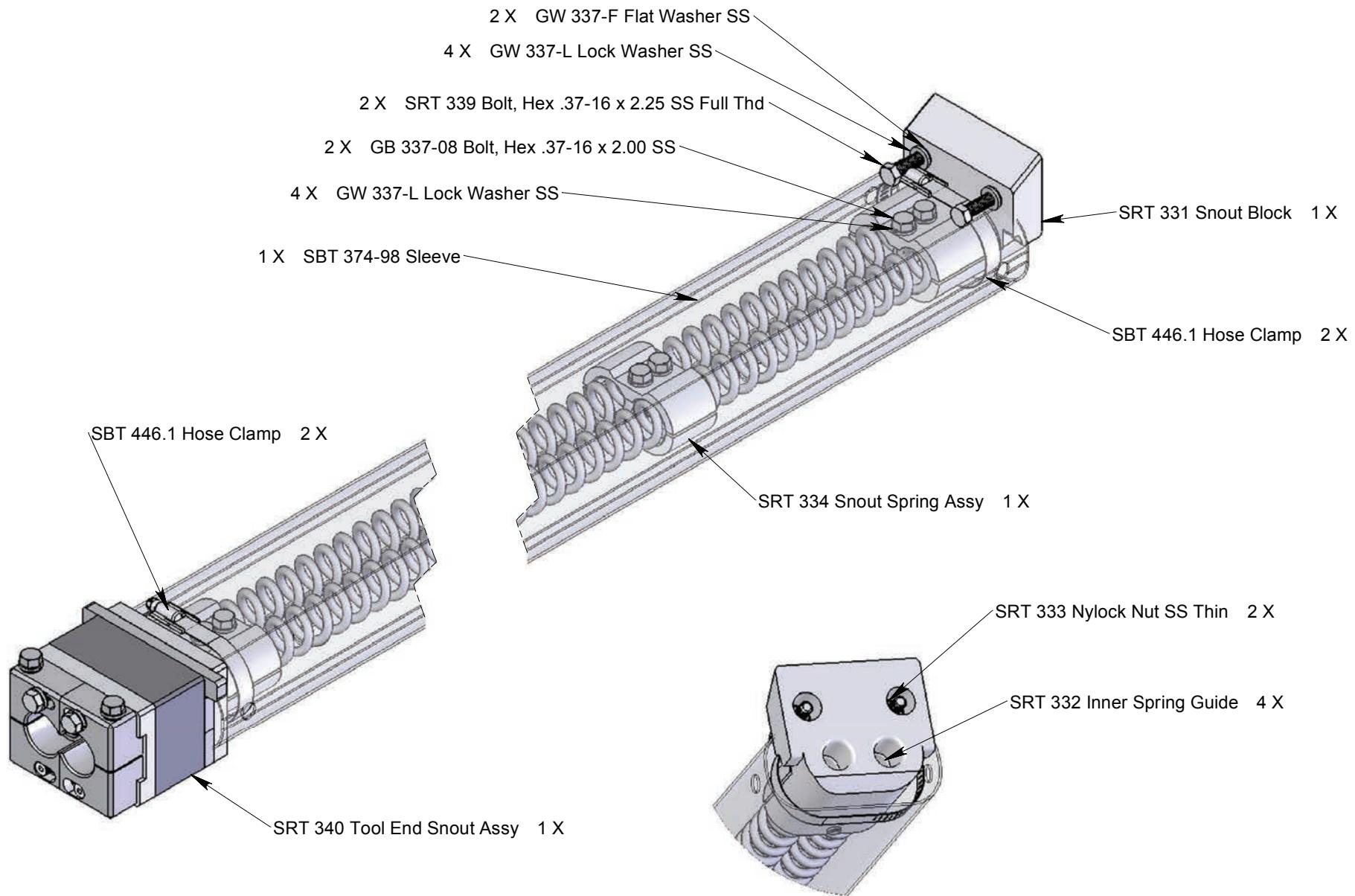
PART NUMBER	QTY.
LM 016-4 Air Motor	1
SRT 179 Male Quick Connect Plug, P8 Brass	1
SRT 302 Torque Arm Weldment	1
SRT 303 Drive Spacer	1
SRT 301 Leeson	1
SRT 305 P8 Street Elbow, Male x Female	2
GB 337-04 Bolt, Hex .37-16 x 1.00 SS	4
SRT 308 Locking Pin .31 x 1.38 SS	1
GS 3M8-25-1.25 SHCS M8x1.25 x 25 SS	2
GW 337-L Lock Washer SS	4
GS 3M8-18-1.25 SHCS M8x1.25 x 18 SS	1
SRT 178 Female Quick Connect Socket, P8 Brass	1



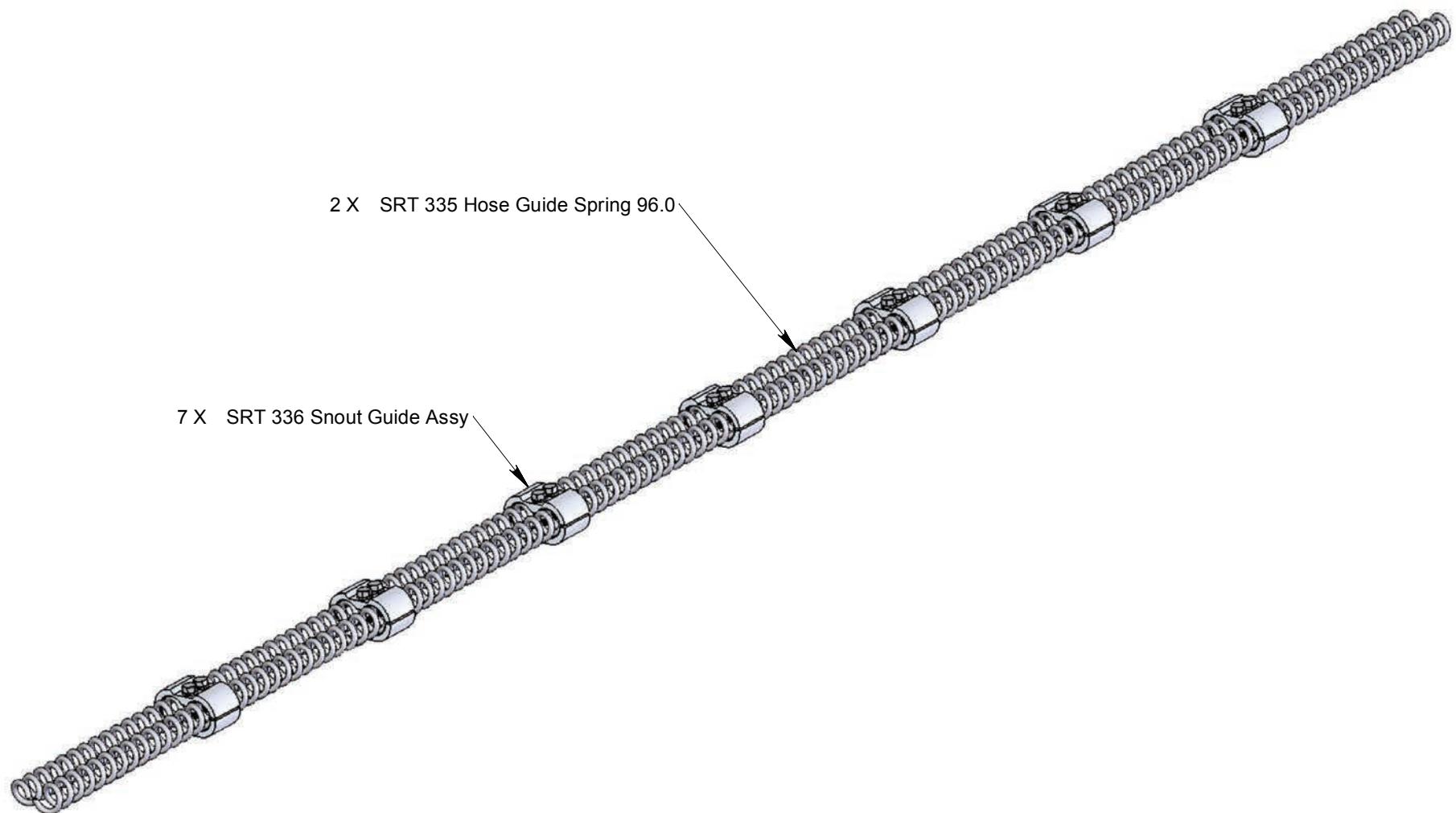
## SRT 320 Inlet Assy Parts List



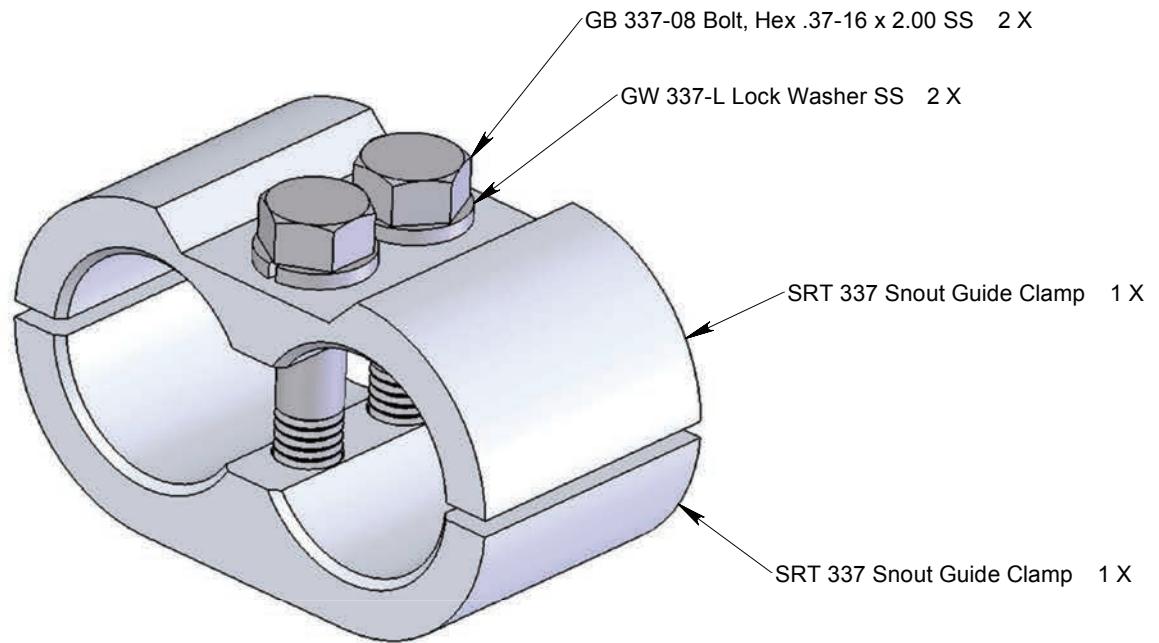
## SRT 330 Quick Release Snout Assy Parts List



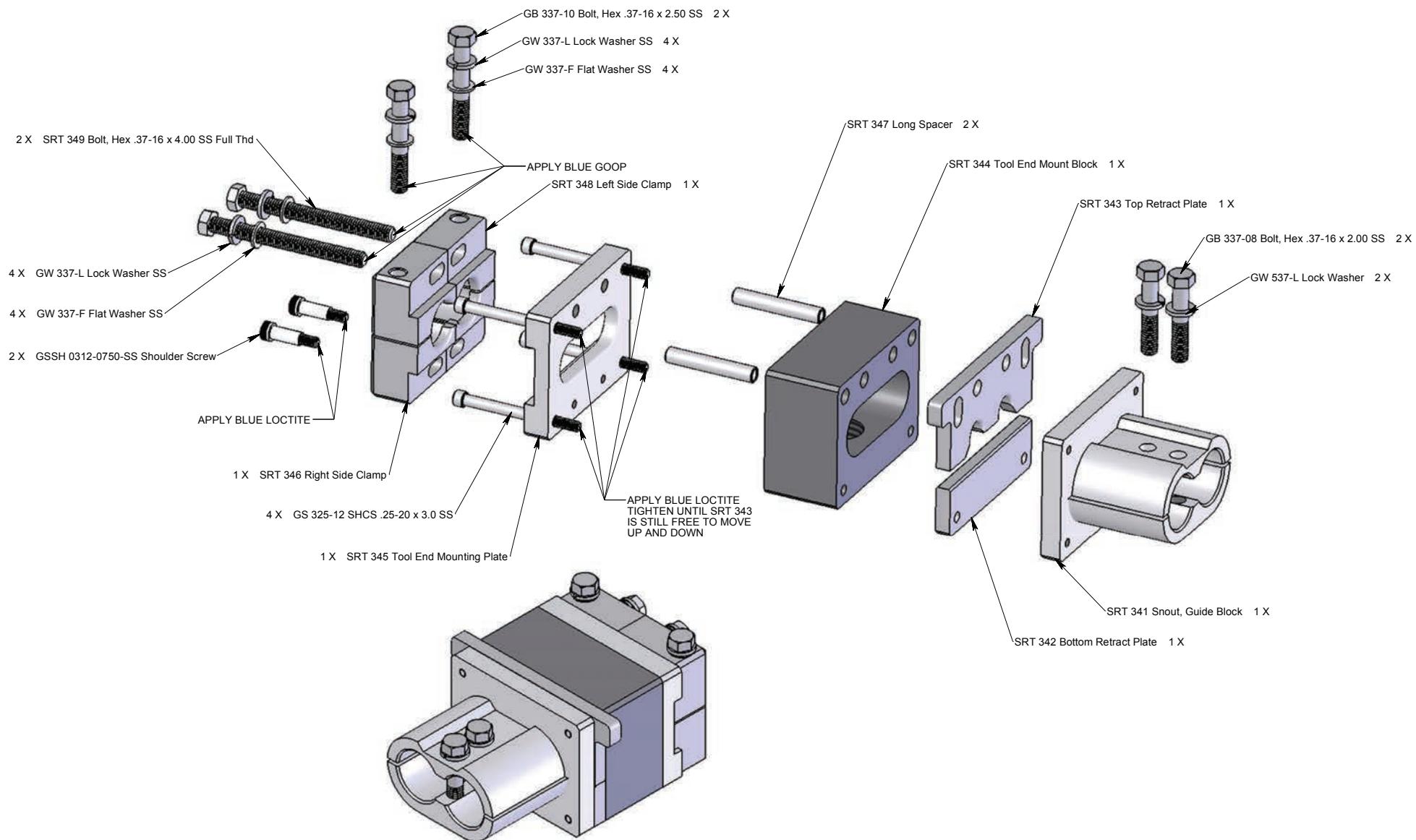
## SRT 334 Snout Spring Assy Parts List



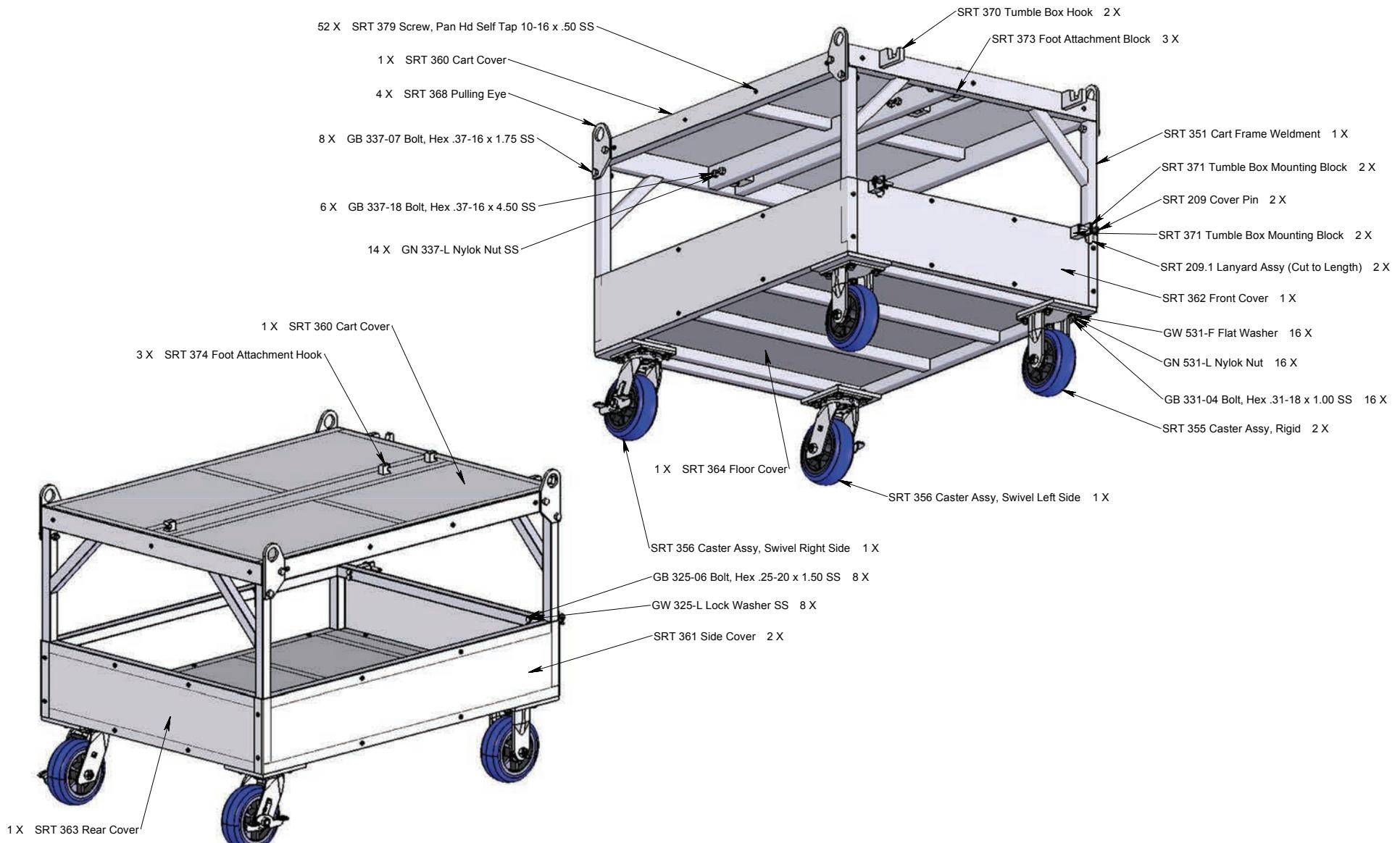
## SRT 336 Snout Guide Assy Parts List



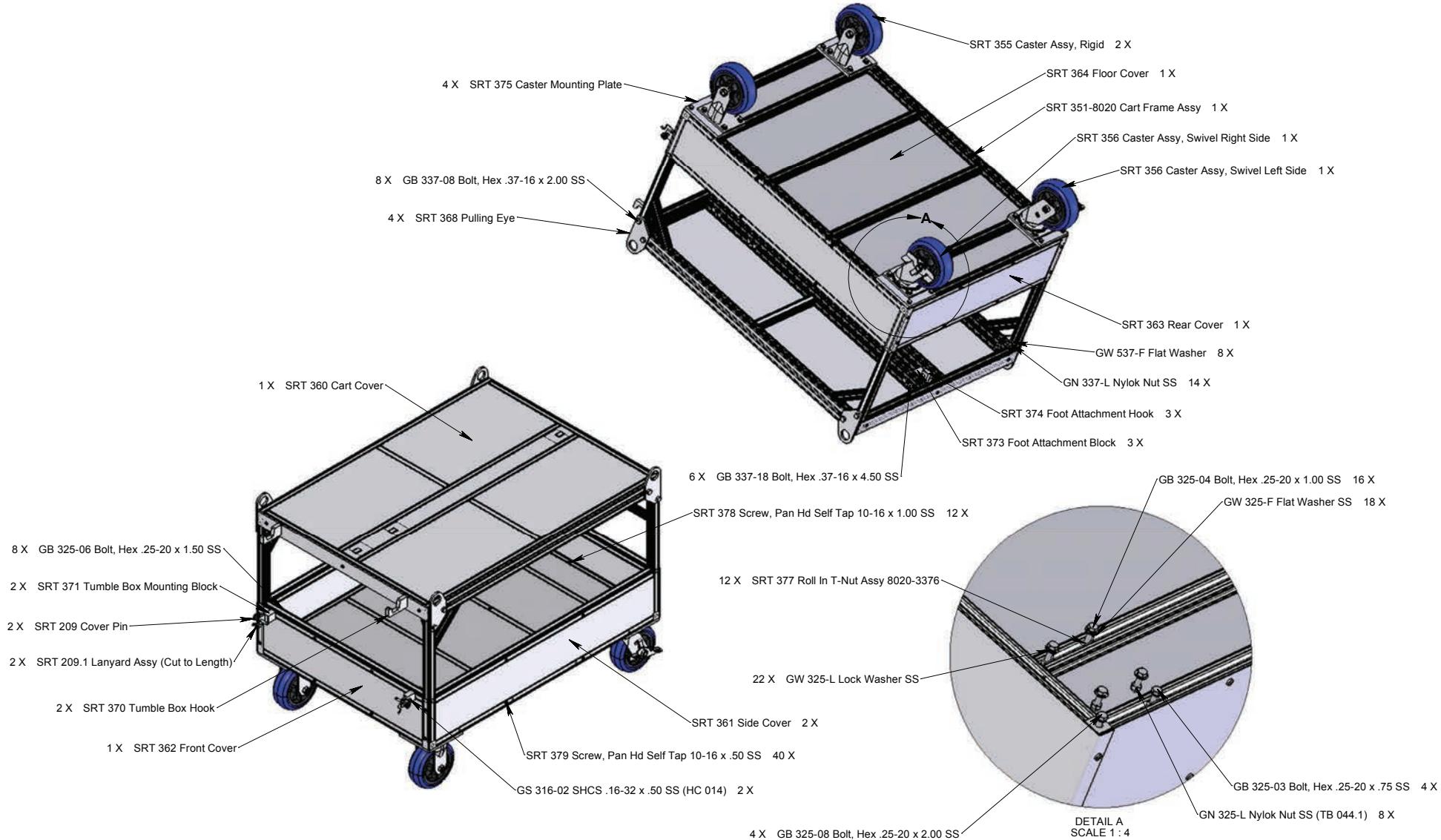
### SRT 340 Tool End Snout Assy Parts List



SRT 350 Small Footprint Cart Assy Parts List



## 5.0 EXPLODED ASSEMBLY DRAWING

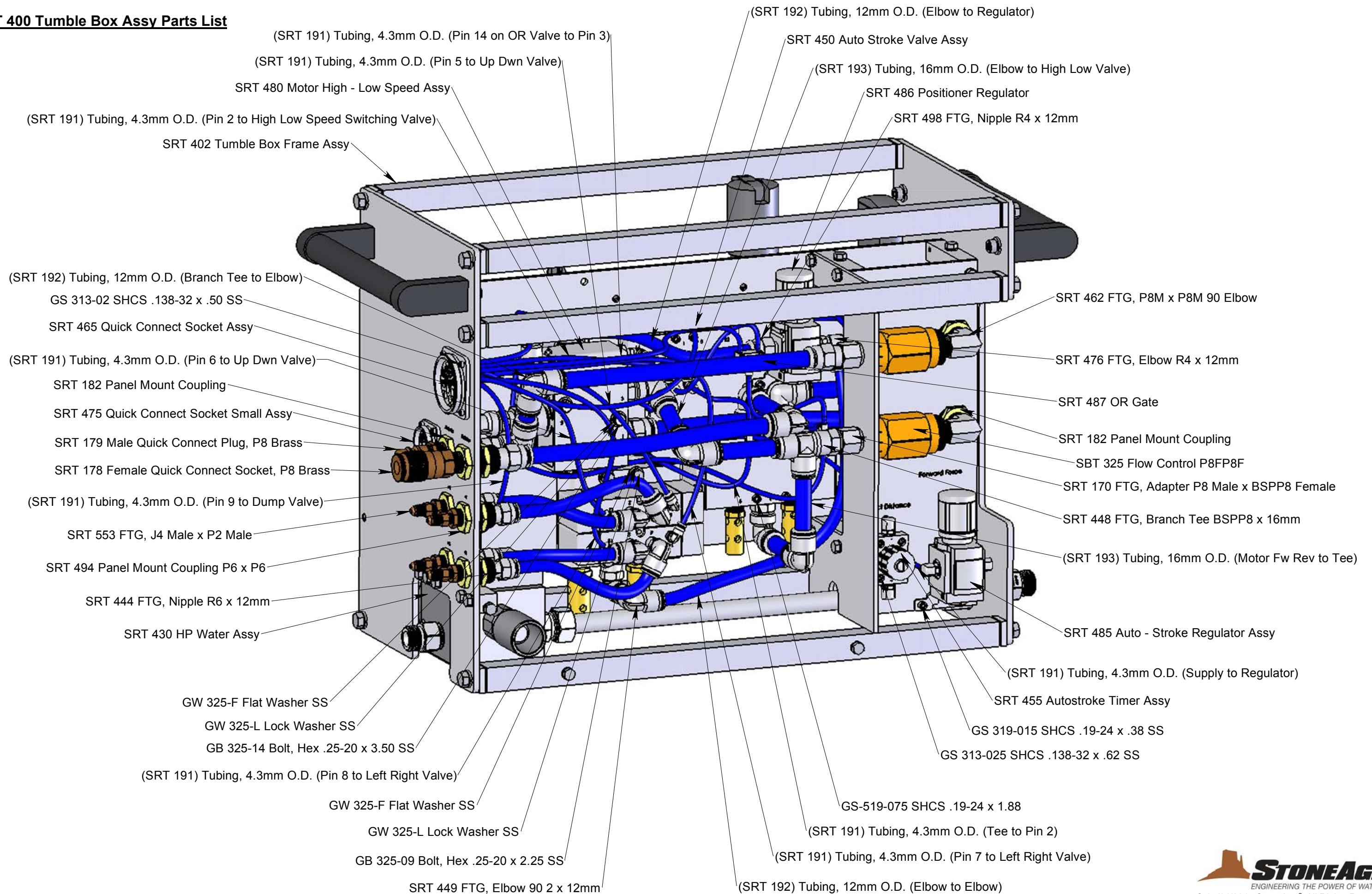


## SRT 400 Tumble Box Assy Parts List

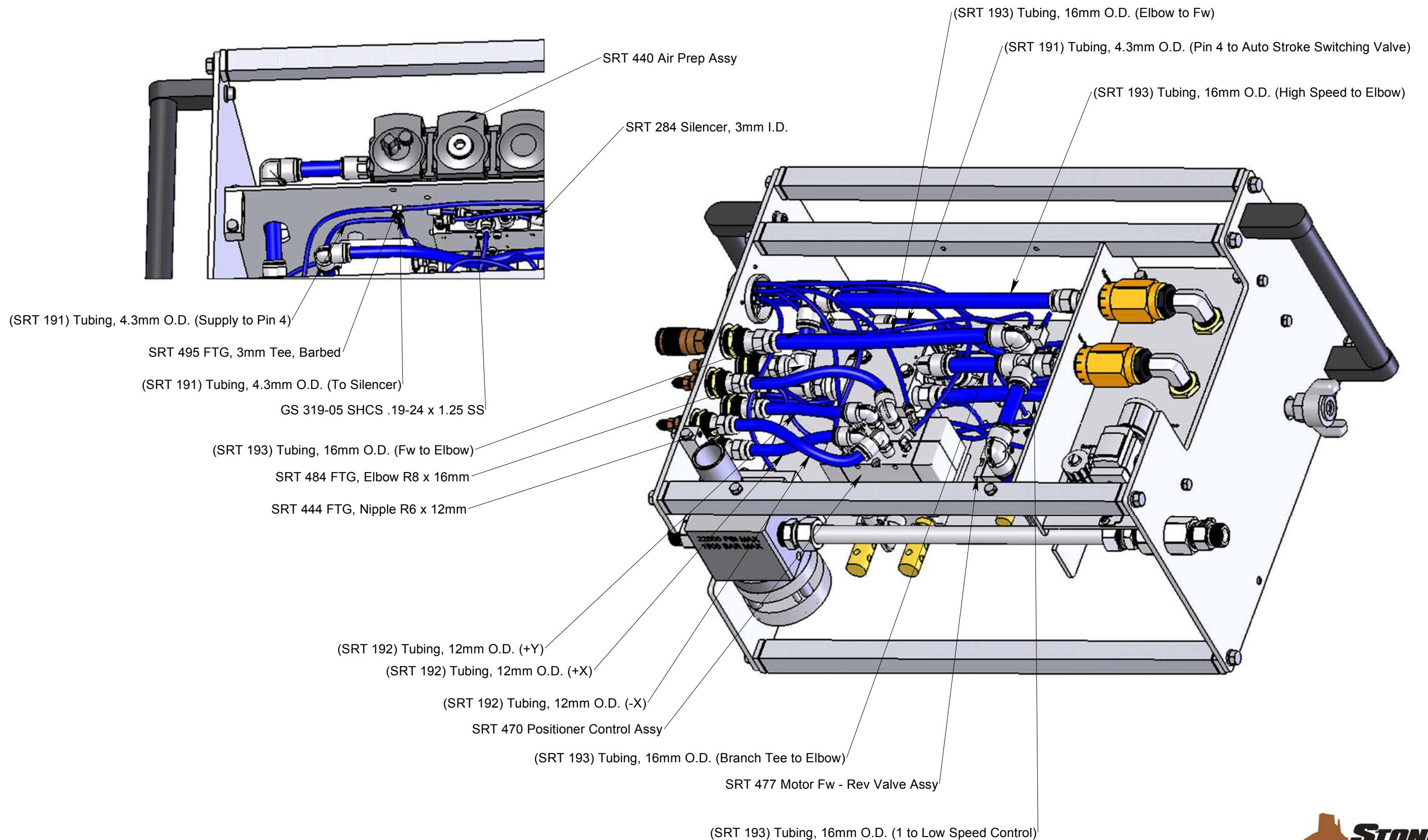
PART NUMBER	Default/QTY.
SBT 325 Flow Control P8FP8F	2
SRT 169 FTG, Elbow 90 2 x 16mm	5
SRT 170 FTG, Adapter P8 Male x BSPP8 Female	4
SRT 178 Female Quick Connect Socket, P8 Brass	1
SRT 179 Male Quick Connect Plug, P8 Brass	1
SRT 182 Panel Mount Coupling	4
SRT 284 Silencer, 3mm I.D.	2
SRT 402 Tumble Box Frame Assy	1
SRT 430 HP Water Assy	1
SRT 440 Air Prep Assy	1
SRT 444 FTG, Nipple R6 x 12mm	4
SRT 448 FTG, Branch Tee BSPP8 x 16mm	1
SRT 449 FTG, Elbow 90 2 x 12mm	2
SRT 450 Auto Stroke Valve Assy	1
SRT 455 Autostroke Timer Assy	1
SRT 462 FTG, P8M x P8M 90 Elbow	2
SRT 465 Quick Connect Socket Assy	1
SRT 470 Positioner Control Assy	1
SRT 475 Quick Connect Socket Small Assy	1
SRT 476 FTG, Elbow R4 x 12mm	1
SRT 477 Motor Fw - Rev Valve Assy	1
SRT 480 Motor High - Low Speed Assy	1
SRT 481 Standoff	2
SRT 482 FTG, Nipple R8 x 16mm	4
SRT 484 FTG, Elbow R8 x 16mm	1
SRT 485 Auto - Stroke Regulator Assy	1
SRT 486 Positioner Regulator	1
SRT 487 OR Gate	1
SRT 489 Elbow, P8M x P8F	3
SRT 494 Panel Mount Coupling P6 x P6	4
SRT 495 FTG, 3mm Tee, Barbed	4
SRT 498 FTG, Nipple R4 x 12mm	1
SRT 553 FTG, J4 Male x P2 Male	4
SRT 559 Bushing, P6 x P2	4
GB 325-09 Bolt, Hex .25-20 x 2.25 SS	4
GB 325-14 Bolt, Hex .25-20 x 3.50 SS	2
GS 313-02 SHCS .138-32 x .50 SS	8
GS 313-025 SHCS .138-32 x .62 SS	4
GS 319-015 SHCS .19-24 x .38 SS	4
GS 319-05 SHCS .19-24 x 1.25 SS	3
GS-519-075 SHCS .19-24 x 1.88	4
GW 325-F Flat Washer SS	6
GW 325-L Lock Washer SS	6
(SRT 191) Tubing, 4.3mm O.D. (Supply to Pin 1)	1
(SRT 191) Tubing, 4.3mm O.D. (Supply to Regulator)	1

PART NUMBER	Default/QTY.
(SRT 191) Tubing, 4.3mm O.D. (Pin 3 to Retract Distance Timer)	1
(SRT 191) Tubing, 4.3mm O.D. (To Tee)	1
(SRT 191) Tubing, 4.3mm O.D. (Tee to Pin 2)	1
(SRT 191) Tubing, 4.3mm O.D. (Pin 14 on OR Valve to Pin 3)	1
(SRT 191) Tubing, 4.3mm O.D. (Pin 2 to High Low Speed Switching Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Pin 4 to Auto Stroke Switching Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Pin 5 to Up Dwn Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Pin 6 to Up Dwn Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Pin 7 to Left Right Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Pin 8 to Left Right Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Pin 9 to Dump Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Supply to Tee)	1
(SRT 191) Tubing, 4.3mm O.D. (To Silencer)	3
(SRT 191) Tubing, 4.3mm O.D. (Supply to Pin 4)	1
(SRT 191) Tubing, 4.3mm O.D. (Retract Timer to Auto Stroke Switching Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Regulator to Auto Stroke Switching Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Auto Stroke Switching Valve to Tee)	1
(SRT 191) Tubing, 4.3mm O.D. (Auto Stroke Switching Valve to Pin 12 on OR Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Tee to OR Valve)	1
(SRT 191) Tubing, 4.3mm O.D. (Tee to Port 2)	1
(SRT 191) Tubing, 4.3mm O.D. (Tee to Pin 1)	1
(SRT 192) Tubing, 12mm O.D. (Elbow to Regulator)	1
(SRT 192) Tubing, 12mm O.D. (Positioner to Elbow)	1
(SRT 192) Tubing, 12mm O.D. (Elbow to Elbow)	1
(SRT 192) Tubing, 12mm O.D. (+Y)	1
(SRT 192) Tubing, 12mm O.D. (-Y)	1
(SRT 192) Tubing, 12mm O.D. (+X)	1
(SRT 192) Tubing, 12mm O.D. (-X)	1
(SRT 192) Tubing, 12mm O.D. (Branch Tee to Elbow)	1
(SRT 193) Tubing, 16mm O.D. (Motor Fw Rev to Tee)	1
(SRT 193) Tubing, 16mm O.D. (Motor Fw Rev to Elbow)	1
(SRT 193) Tubing, 16mm O.D. (Branch Tee to Elbow)	1
(SRT 193) Tubing, 16mm O.D. (Elbow to High Low Valve)	1
(SRT 193) Tubing, 16mm O.D. (Short Motor Fw Rev to Elbow)	1
(SRT 193) Tubing, 16mm O.D. (Fw to Elbow)	1
(SRT 193) Tubing, 16mm O.D. (Elbow to Fw)	1
(SRT 193) Tubing, 16mm O.D. (High Speed to Elbow)	1
(SRT 193) Tubing, 16mm O.D. (Fw Rev to High Speed)	1
(SRT 193) Tubing, 16mm O.D. (1 to Low Speed Control)	1
(SRT 193) Tubing, 16mm O.D. (Supply to Tee)	1
(SRT 193) Tubing, 16mm O.D. (Air Package to Elbow)	1

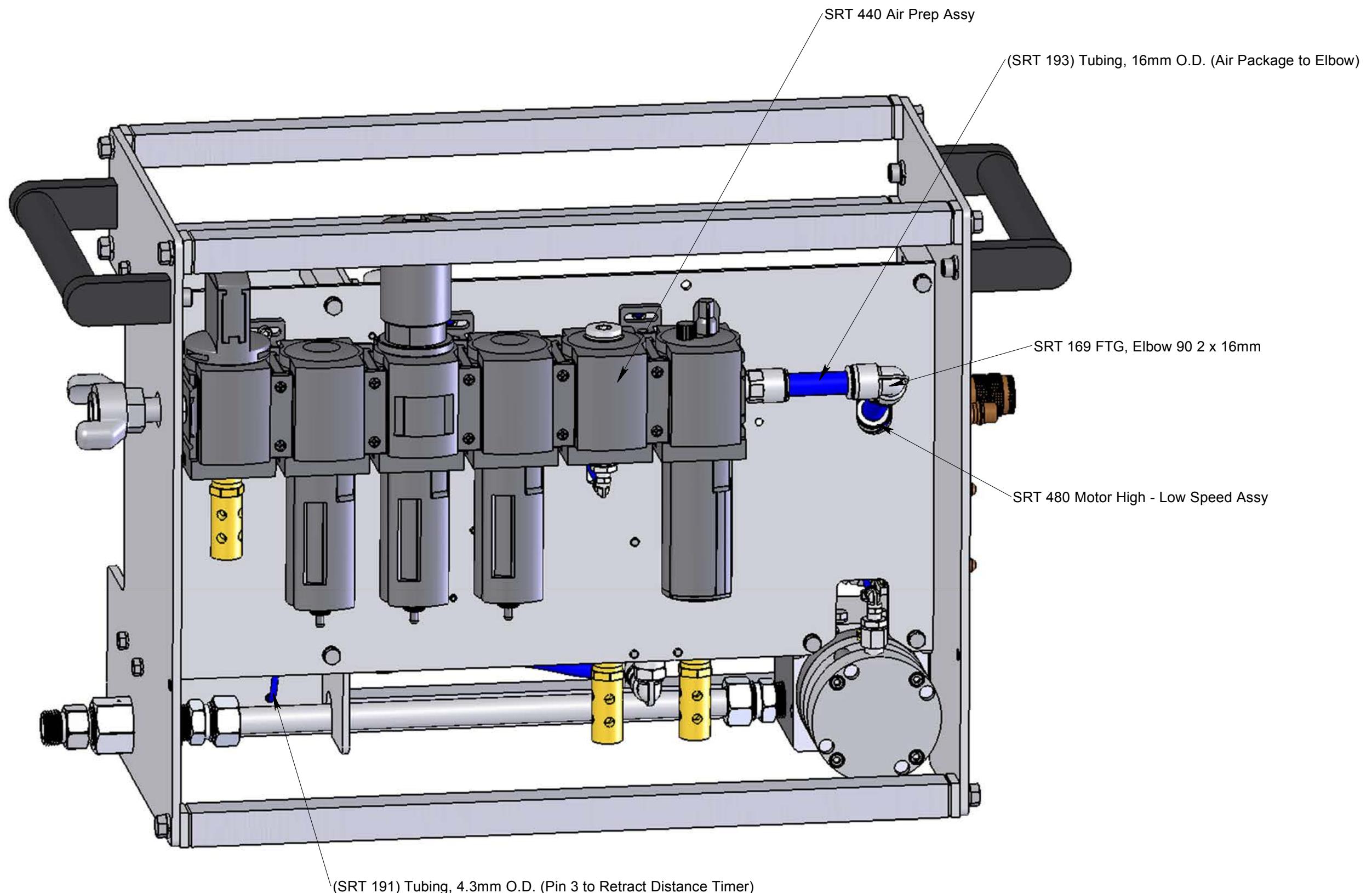
## SRT 400 Tumble Box Assy Parts List



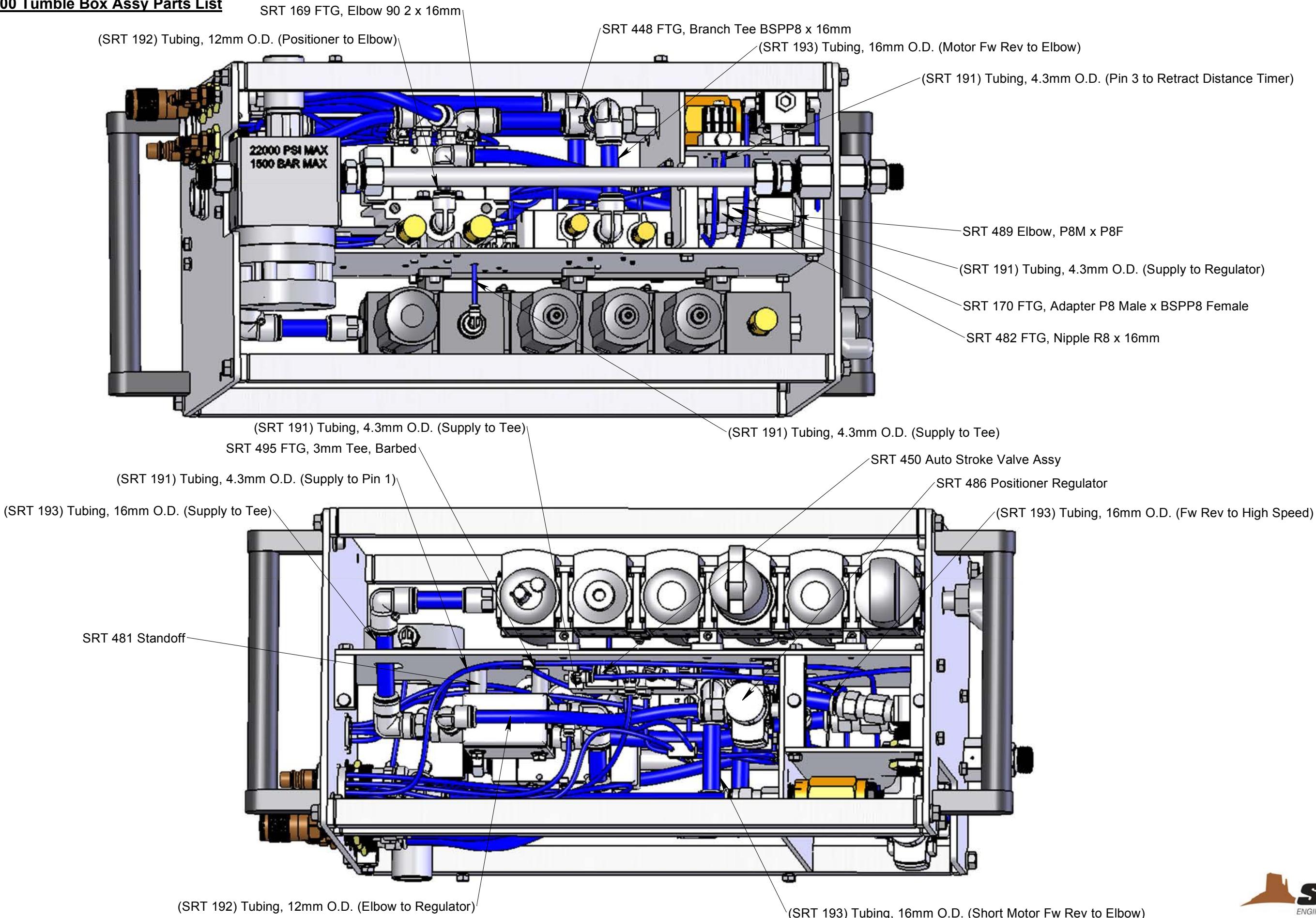
## SRT 400 Tumble Box Assy Parts List



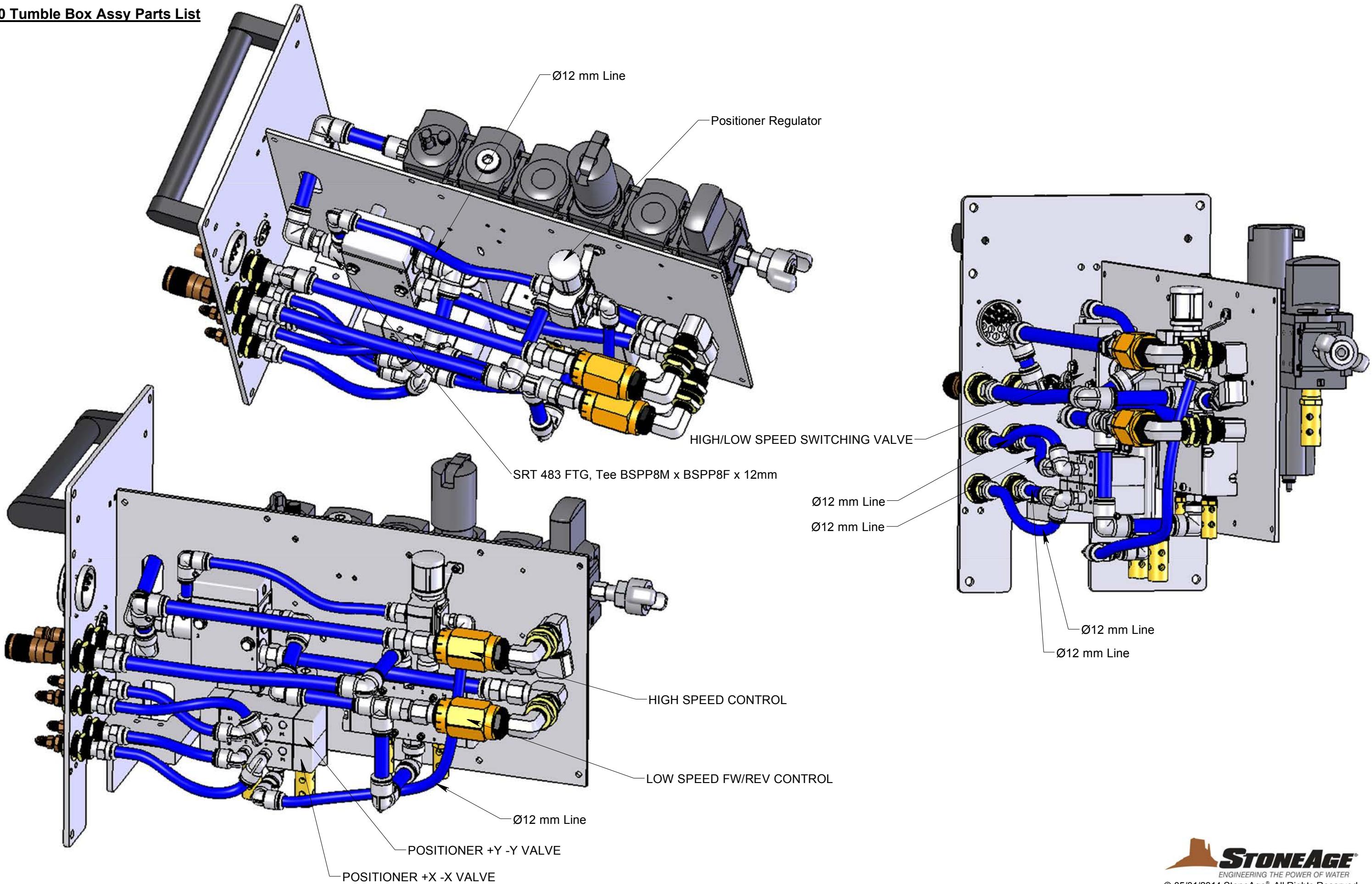
## SRT 400 Tumble Box Assy Parts List



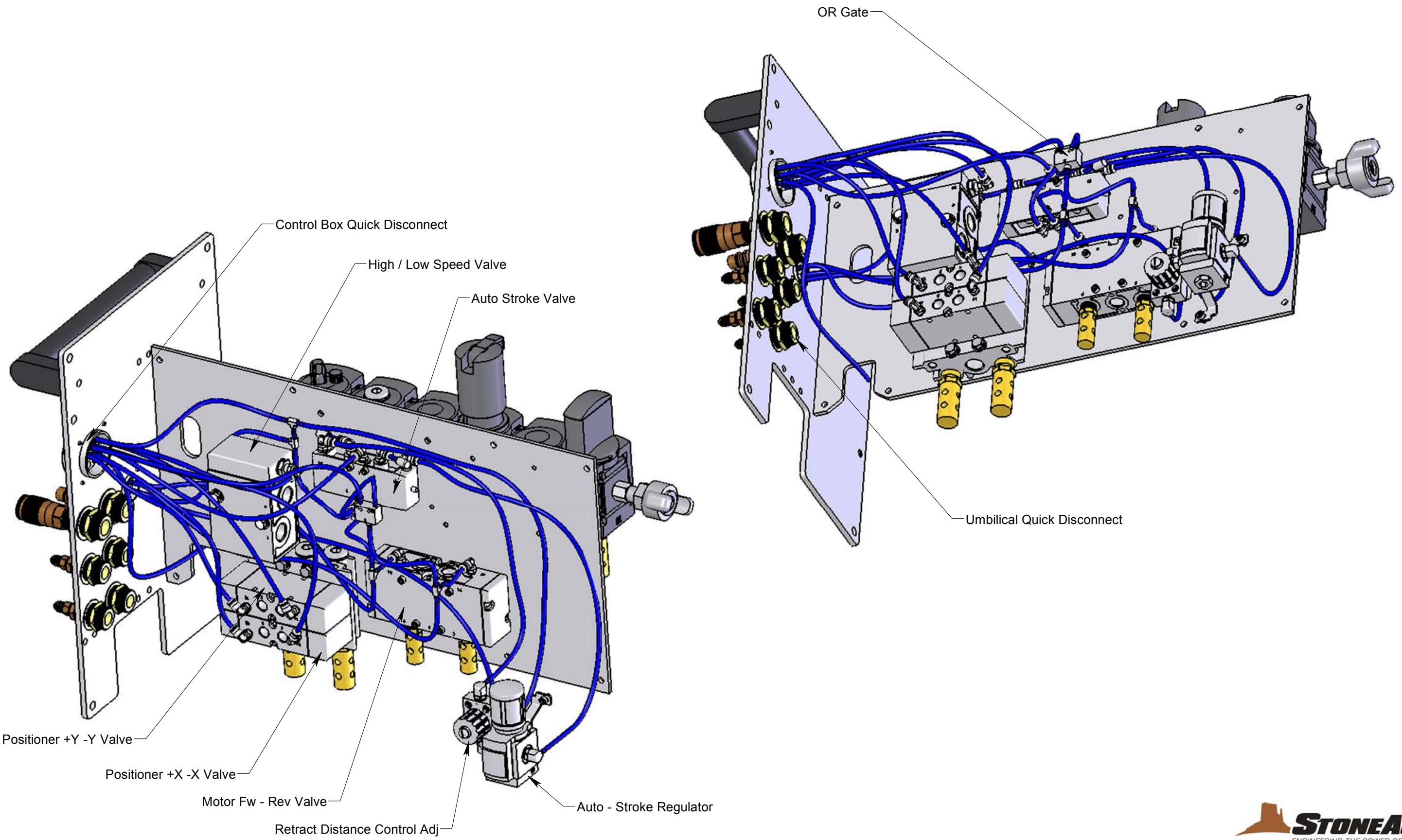
## SRT 400 Tumble Box Assy Parts List



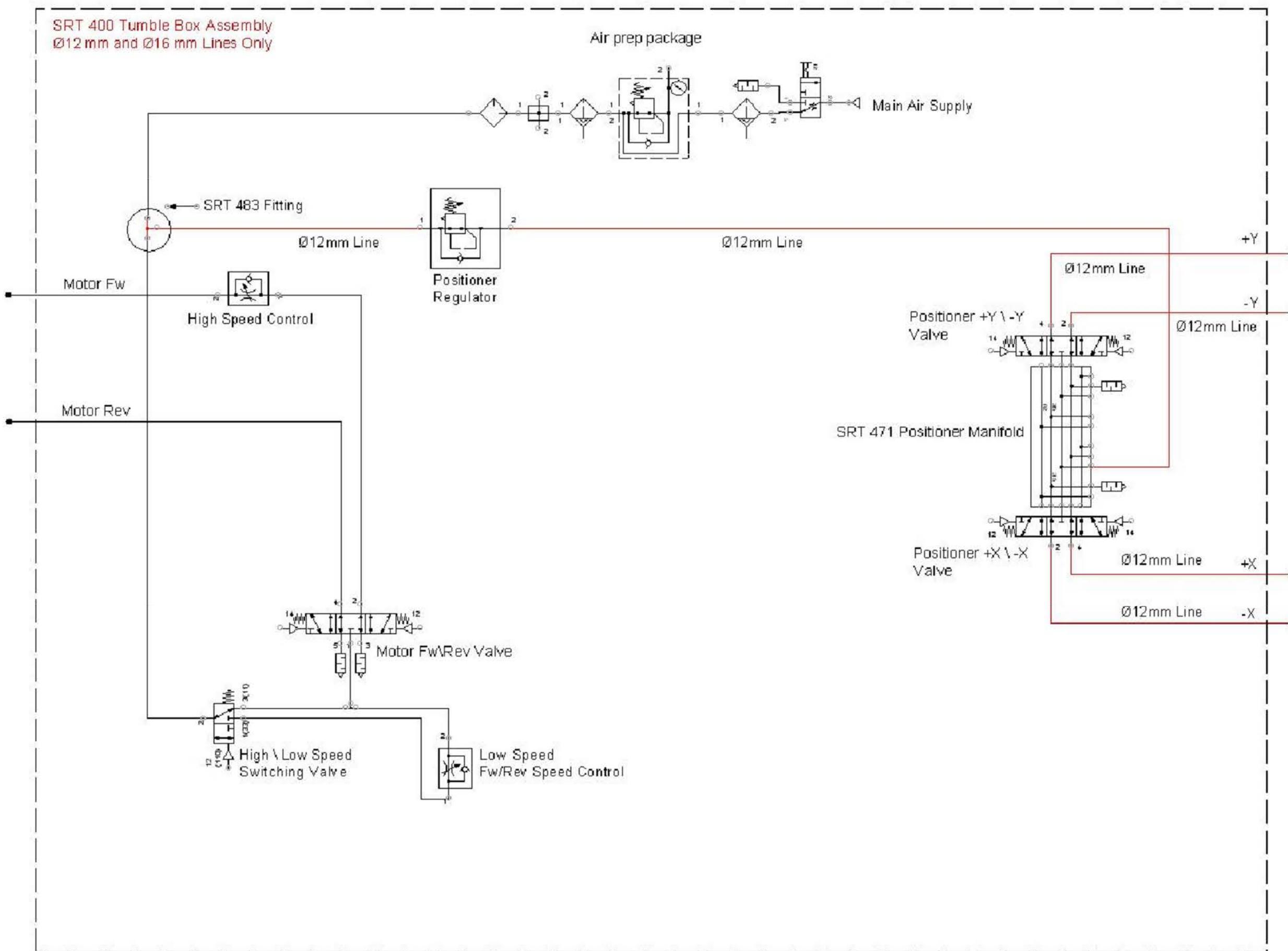
## SRT 400 Tumble Box Assy Parts List



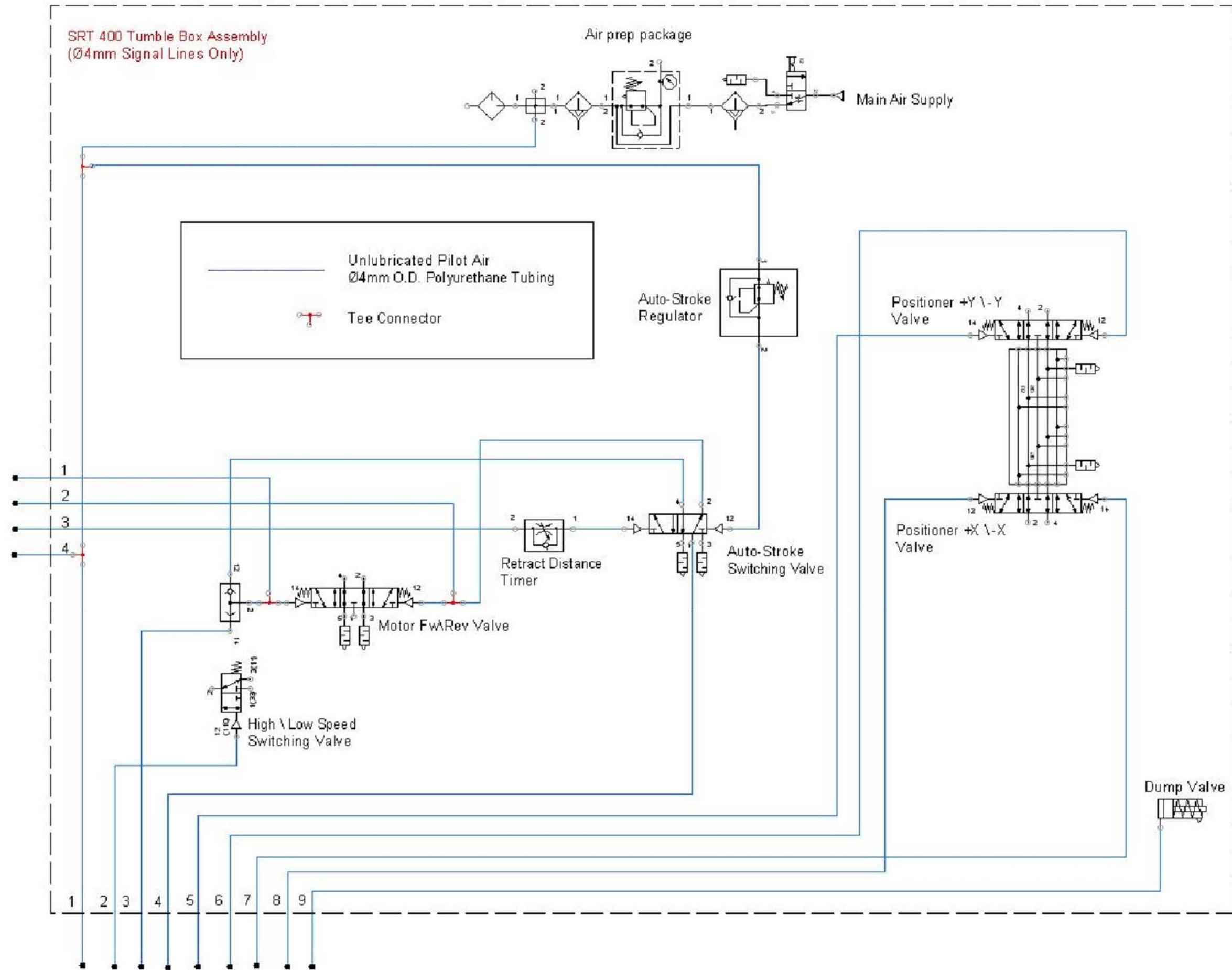
## SRT 400 Tumble Box Assy Parts List



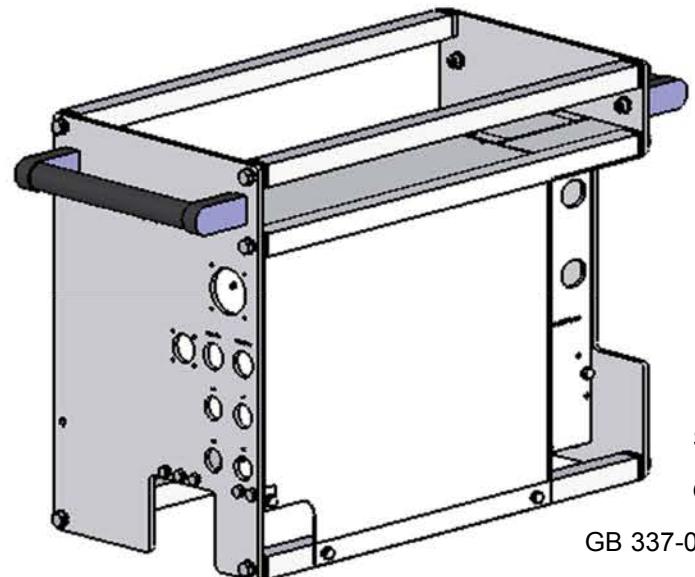
## SRT 400 Tumble Box Assy Parts List



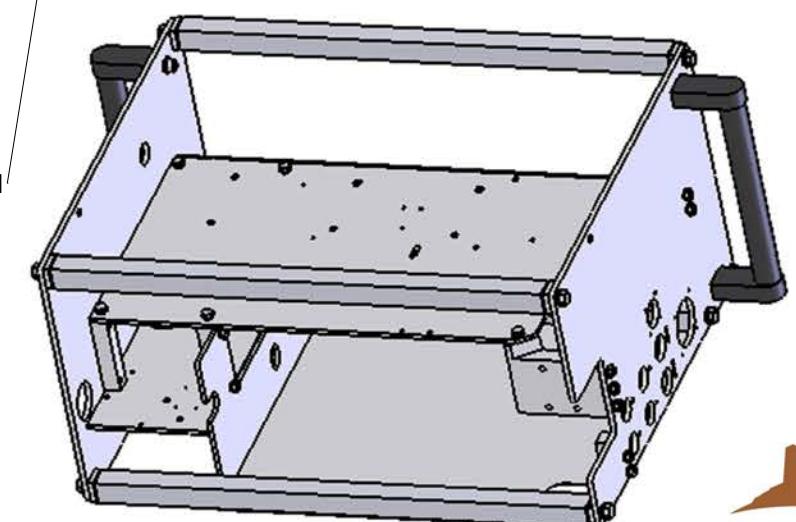
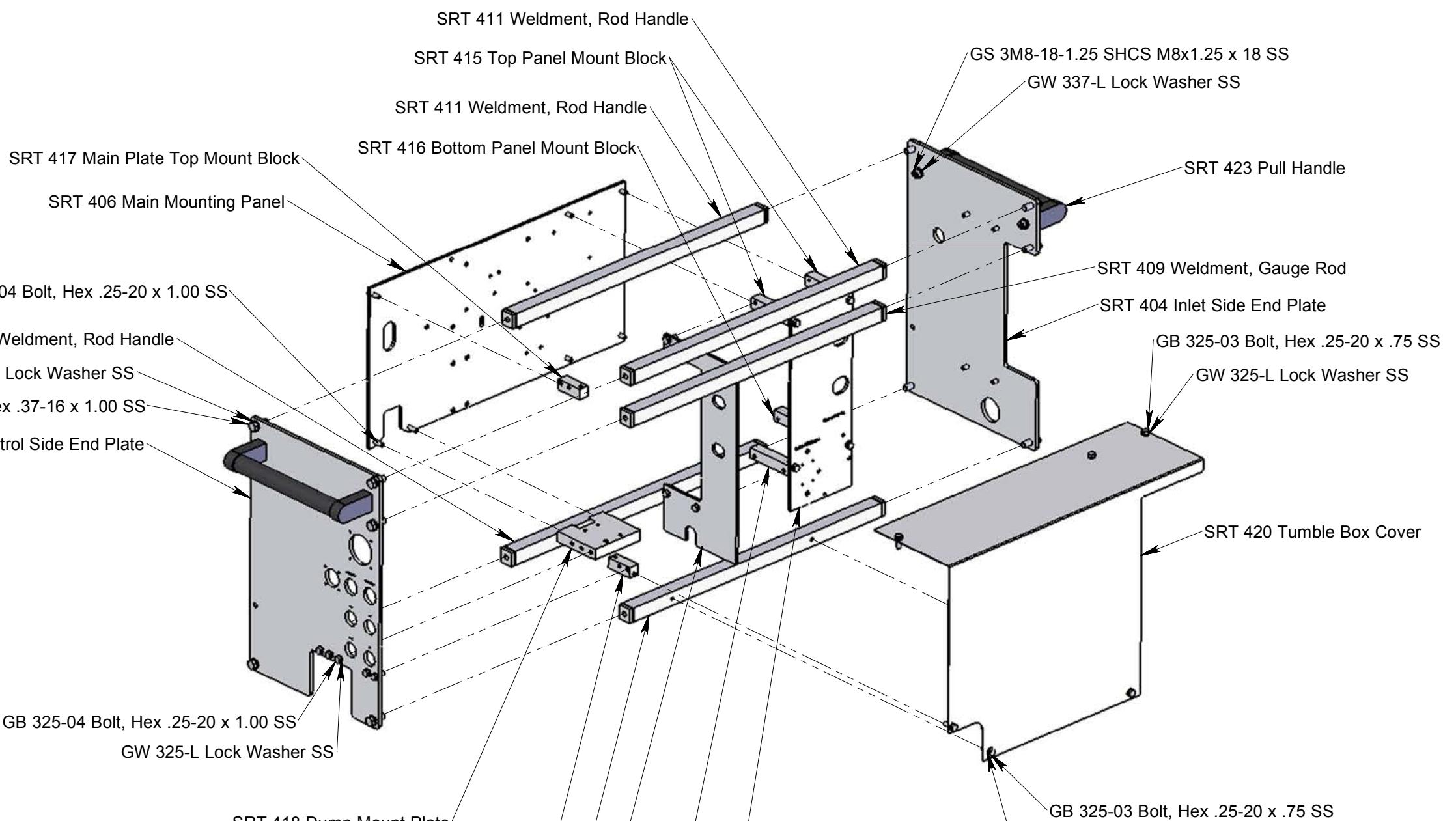
## SRT 400 Tumble Box Assy Parts List



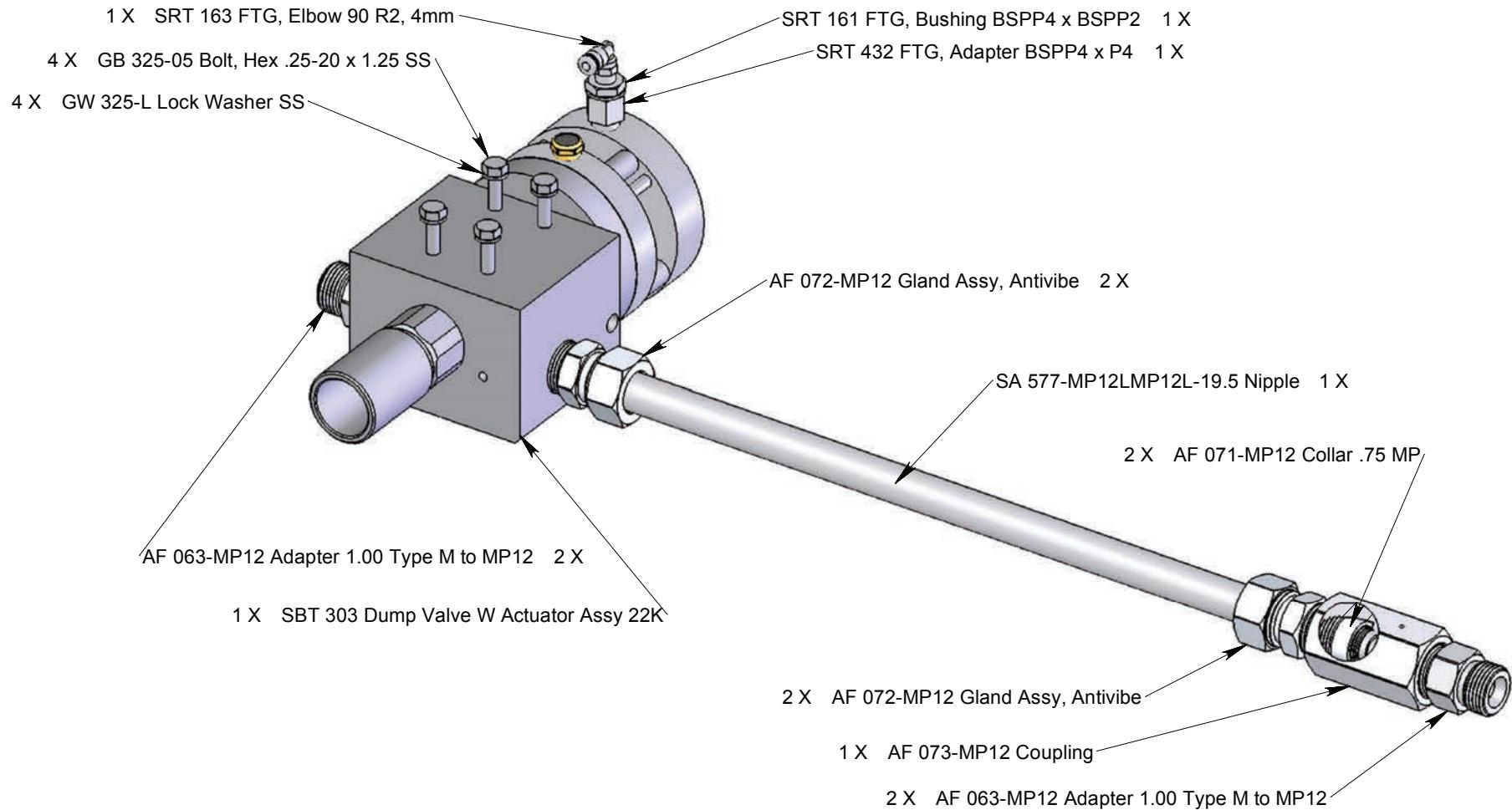
## SRT 402 Tumble Box Frame Assy Parts List



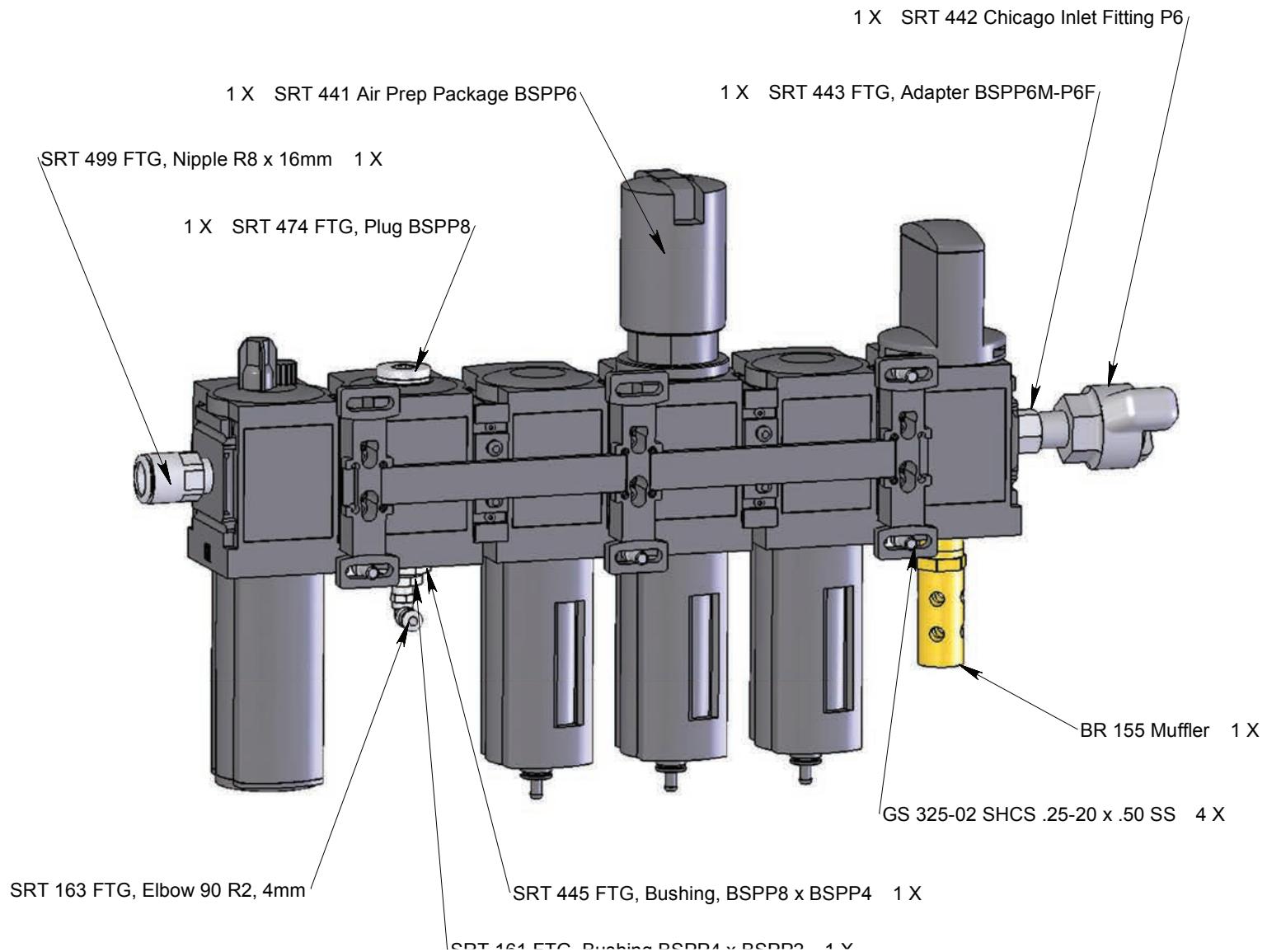
PART NUMBER	Default/QTY.
SRT 403 Control Side End Plate	1
SRT 404 Inlet Side End Plate	1
SRT 405 Panel Mount Wall	1
SRT 406 Main Mounting Panel	1
SRT 408 Divider Wall	1
SRT 409 Weldment, Gauge Rod	1
SRT 411 Weldment, Rod Handle	3
SRT 412 Weldment, Bottom Rod	1
SRT 415 Top Panel Mount Block	2
SRT 416 Bottom Panel Mount Block	2
SRT 417 Main Plate Top Mount Block	2
SRT 418 Dump Mount Plate	1
SRT 420 Tumble Box Cover	1
SRT 423 Pull Handle	2
GB 325-03 Bolt, Hex .25-20 x .75 SS	27
GB 325-04 Bolt, Hex .25-20 x 1.00 SS	5
GB 337-04 Bolt, Hex .37-16 x 1.00 SS	10
GS 3M8-18-1.25 SHCS M8x1.25 x 18 SS	4
GW 325-L Lock Washer SS	32
GW 337-L Lock Washer SS	14



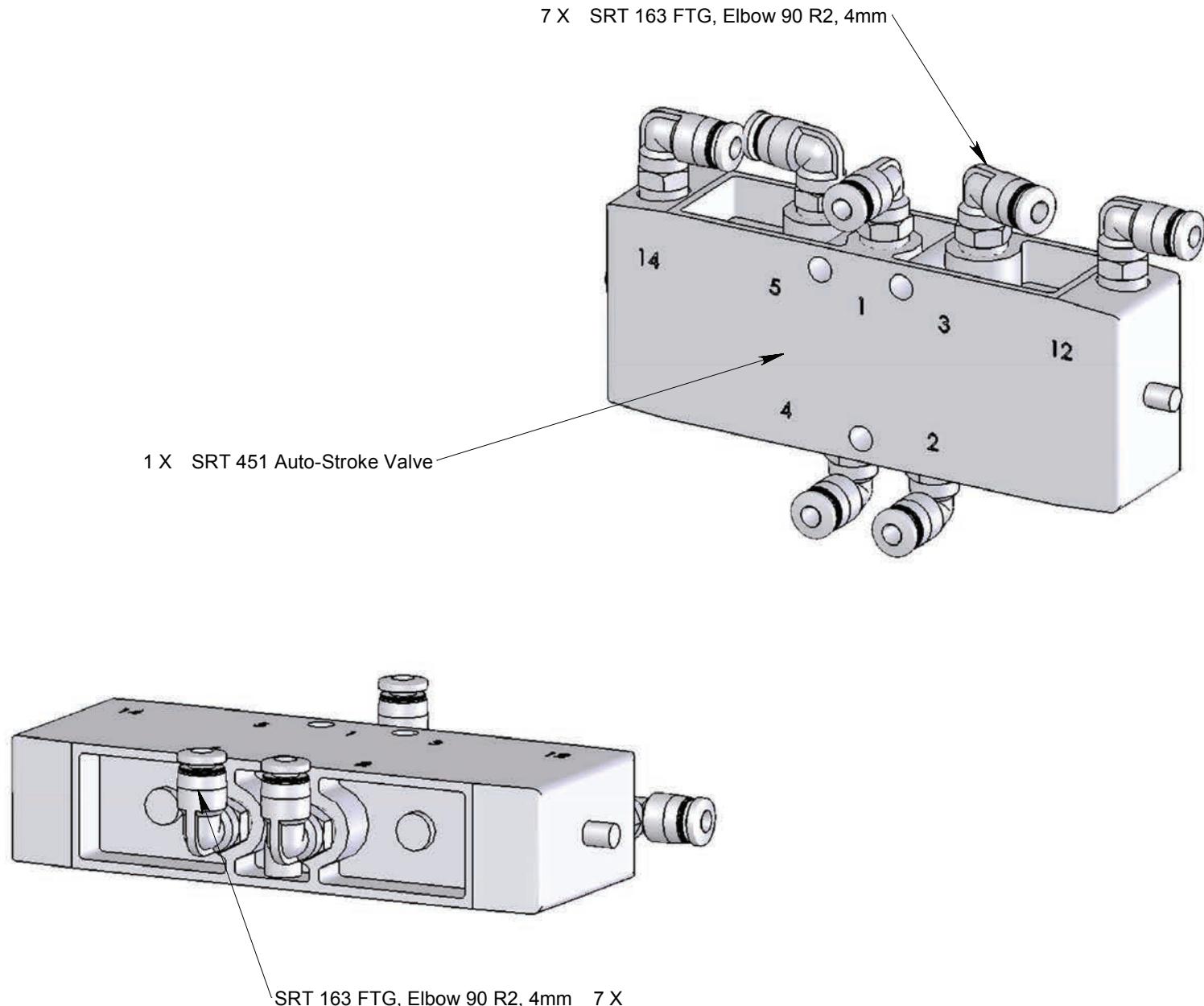
## SRT 430 HP Water Assy Parts List



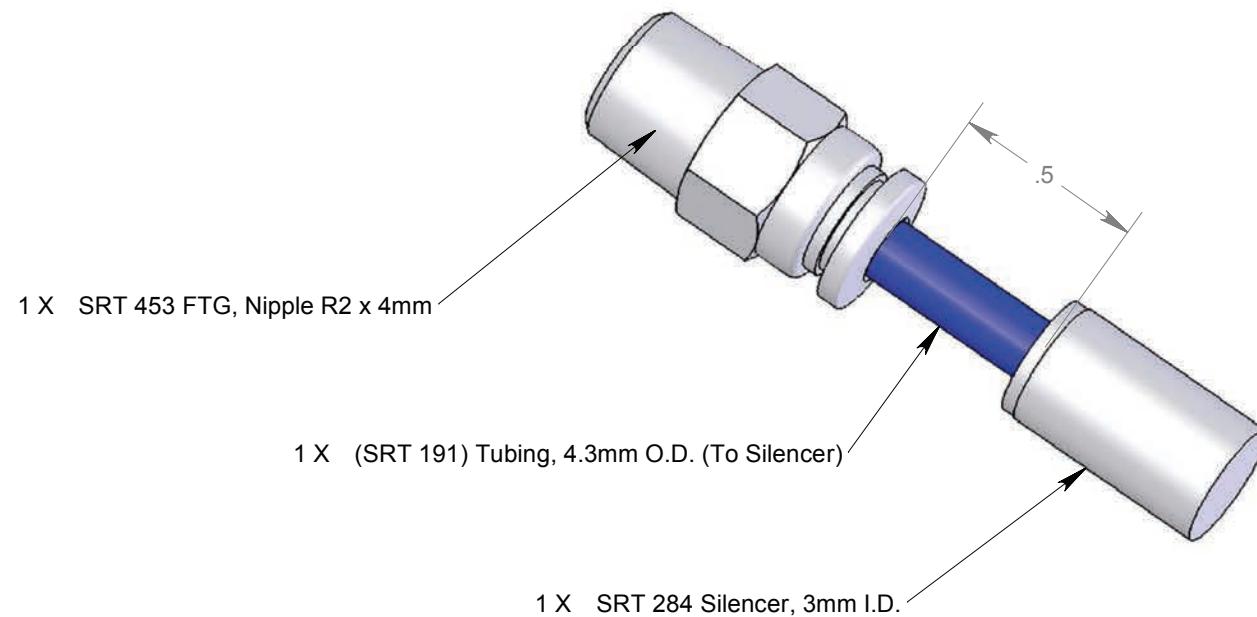
## SRT 440 Air Prep Assy Parts List



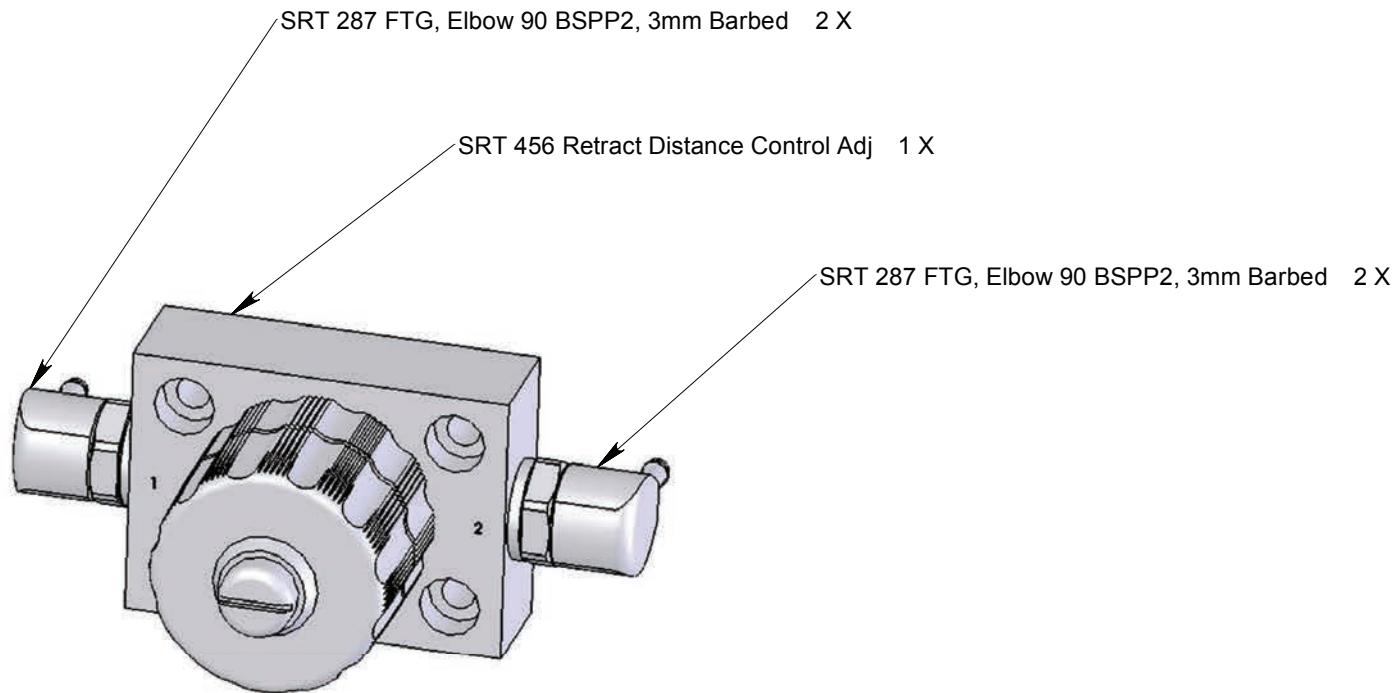
## SRT 450 Auto Stroke Valve Assy Parts List



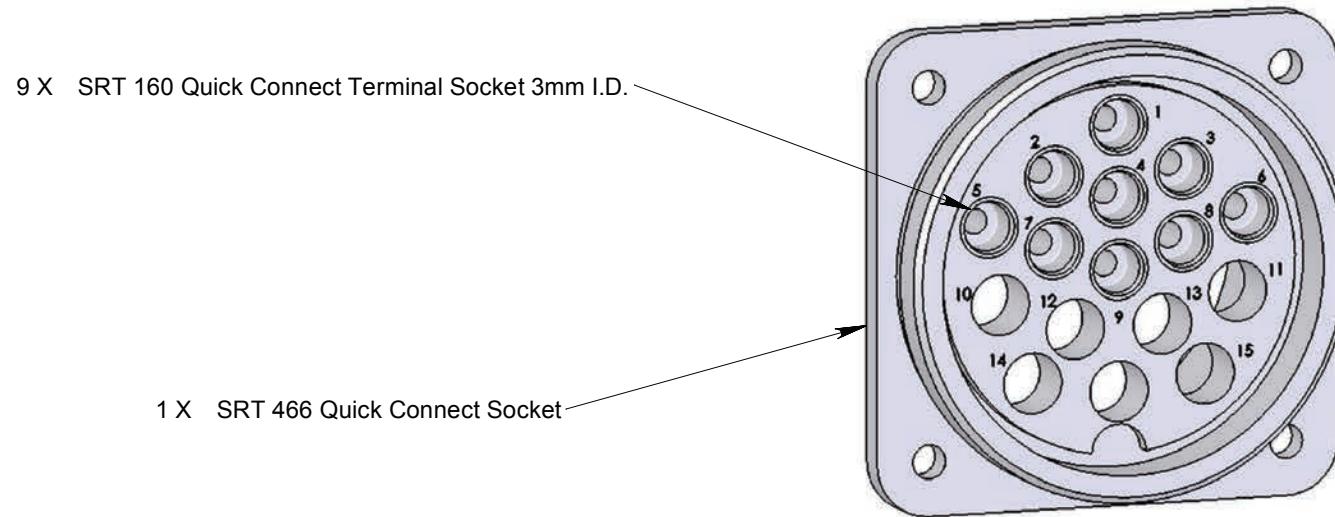
## SRT 452 BSPP2 x 3mm Silencer Assy Parts List



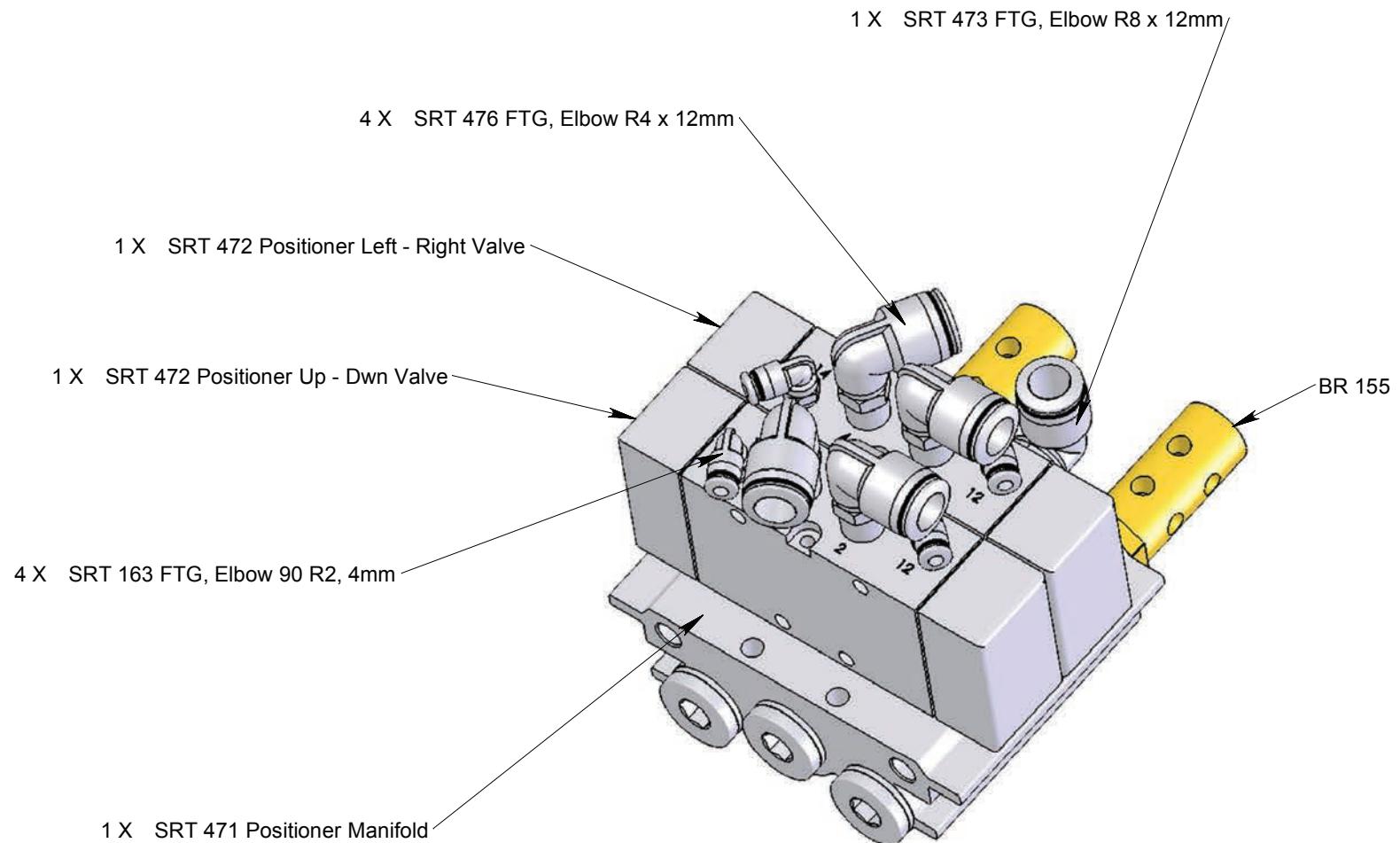
## SRT 455 Autostroke Timer Assy Parts List



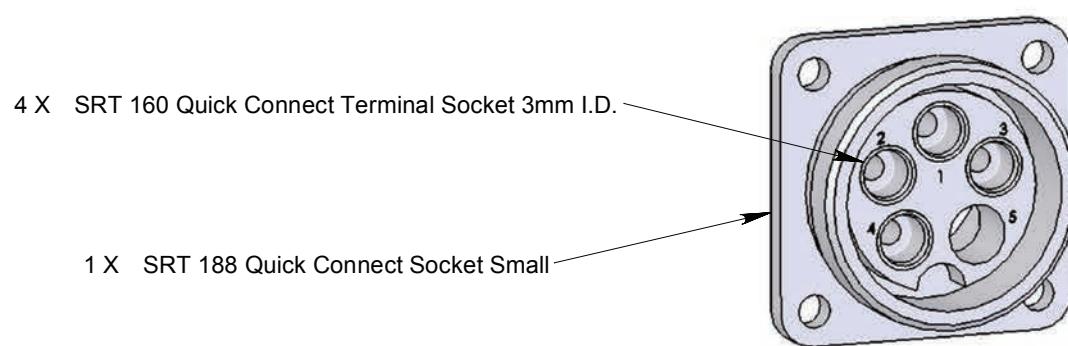
## SRT 465 Quick Connect Socket Assy Parts List



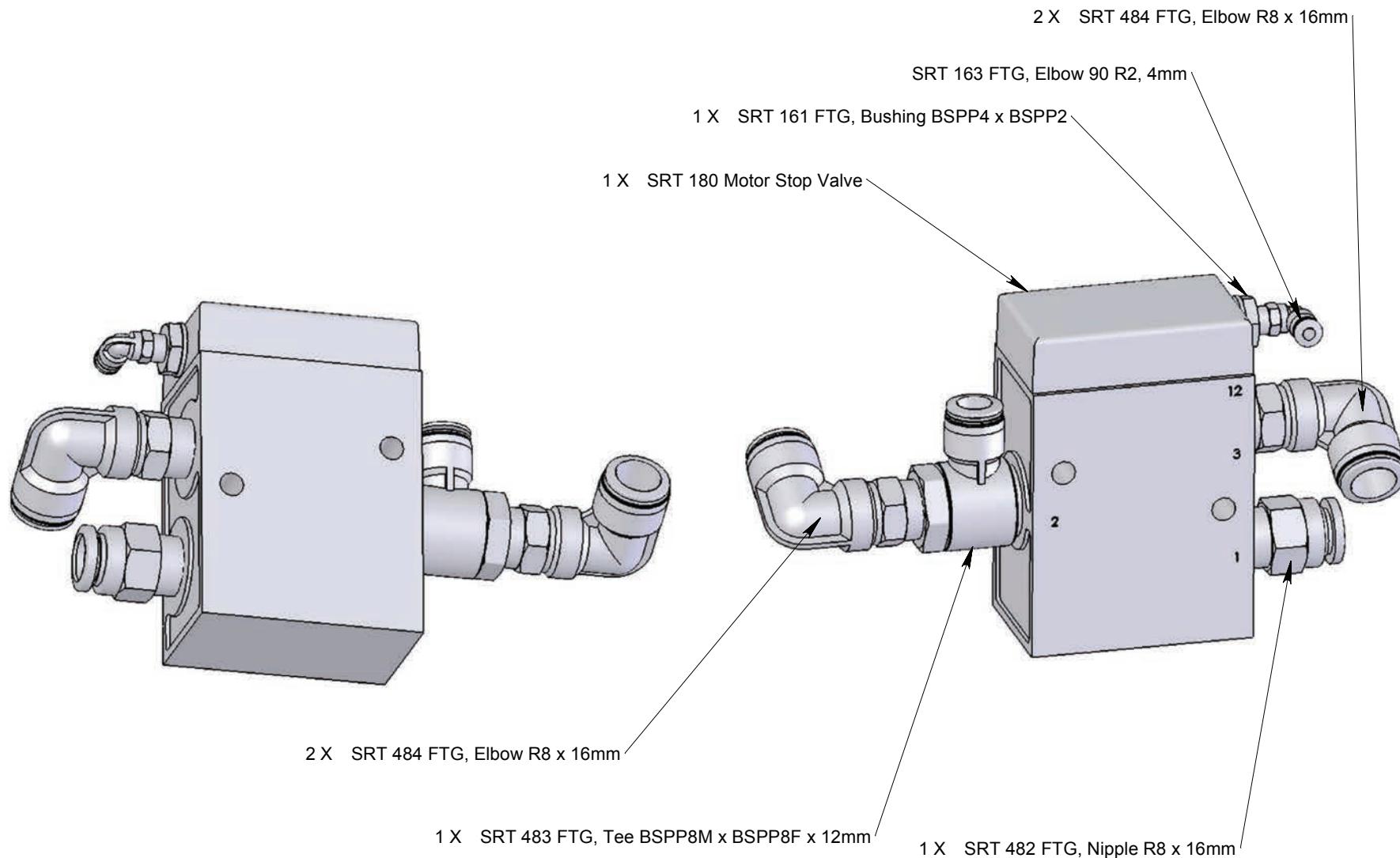
## SRT 470 Positioner Control Assy Parts List



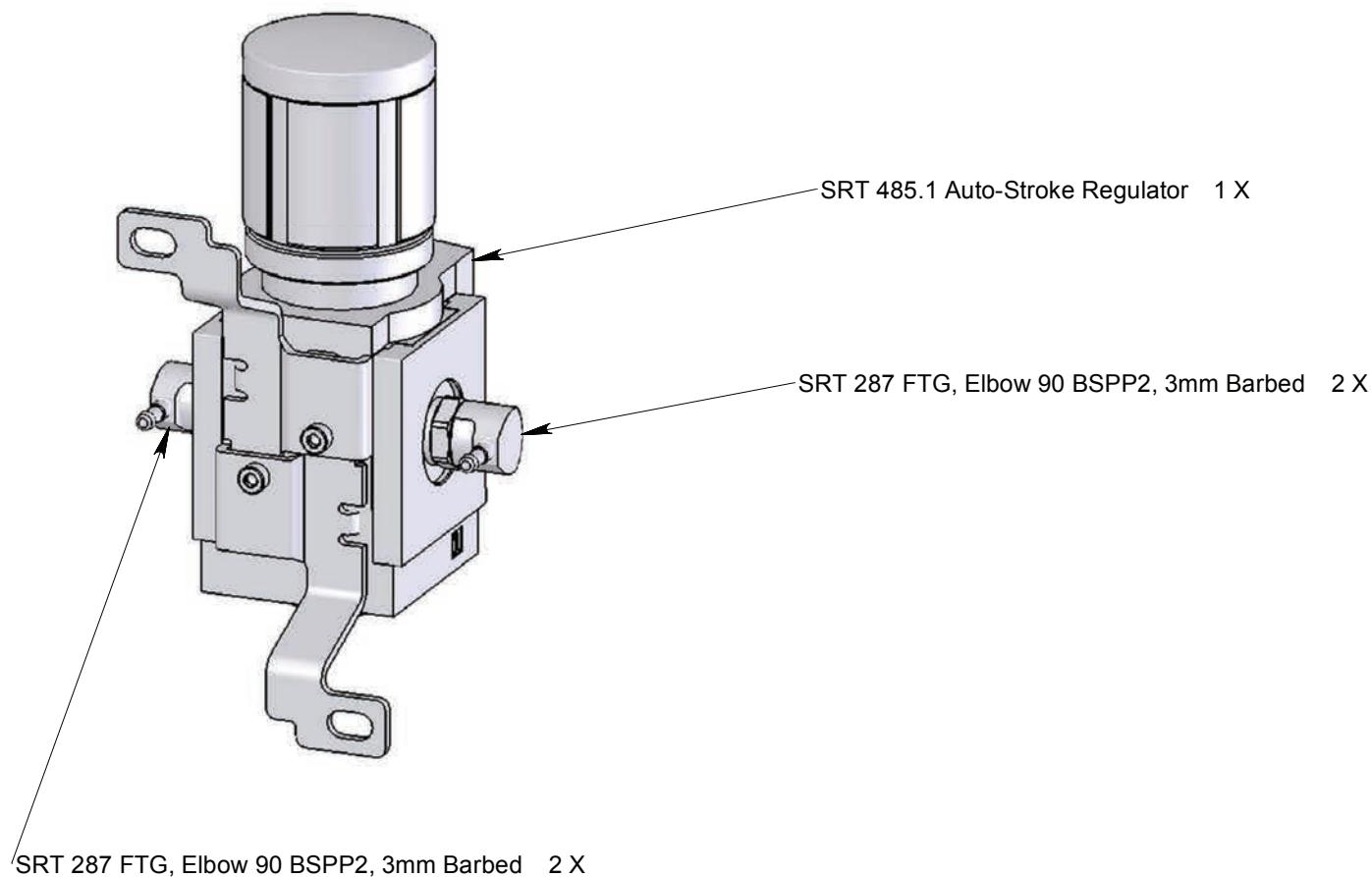
## SRT 475 Quick Connect Socket Small Assy Parts List



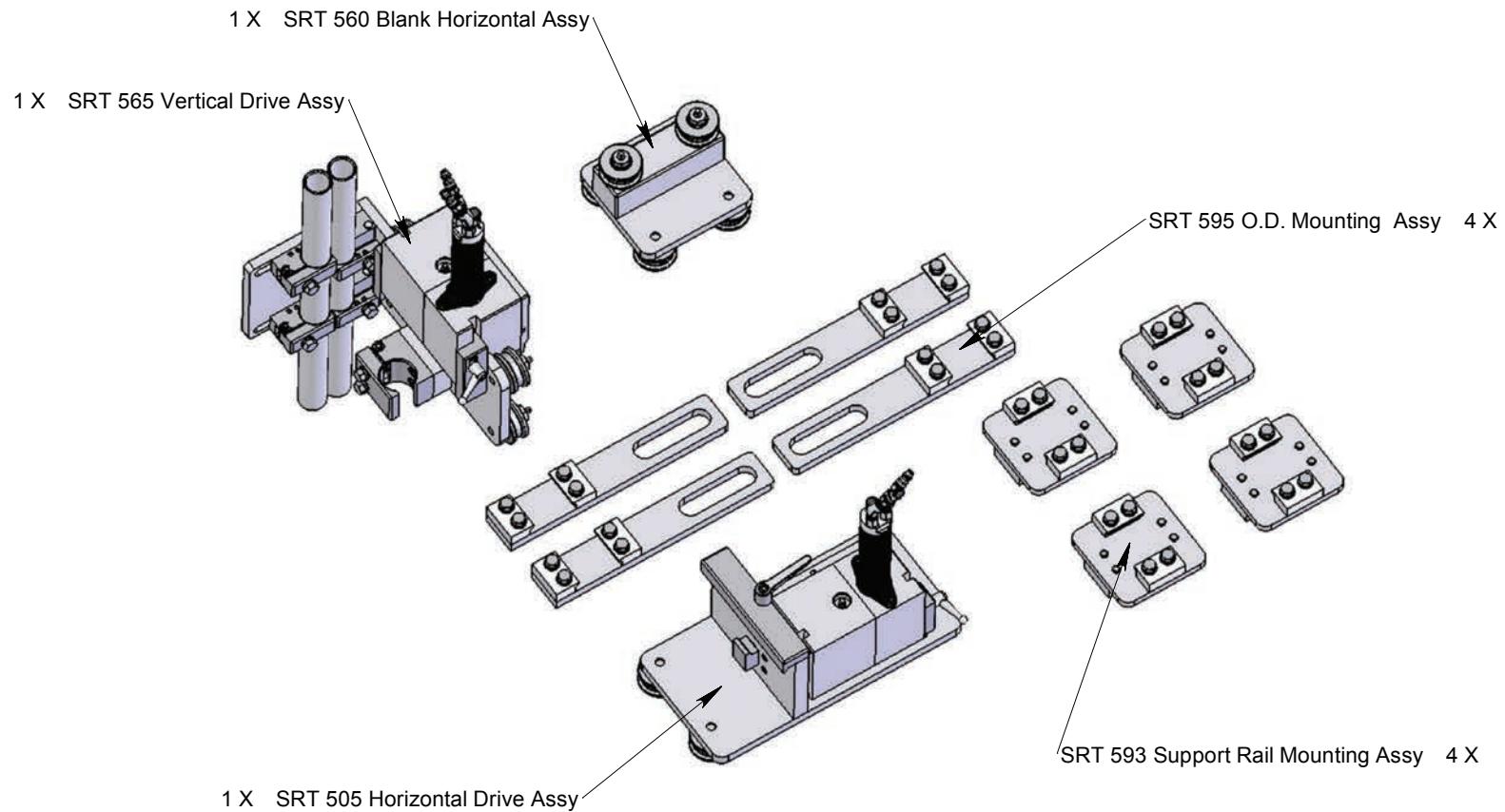
## SRT 480 Motor High - Low Speed Assy Parts List



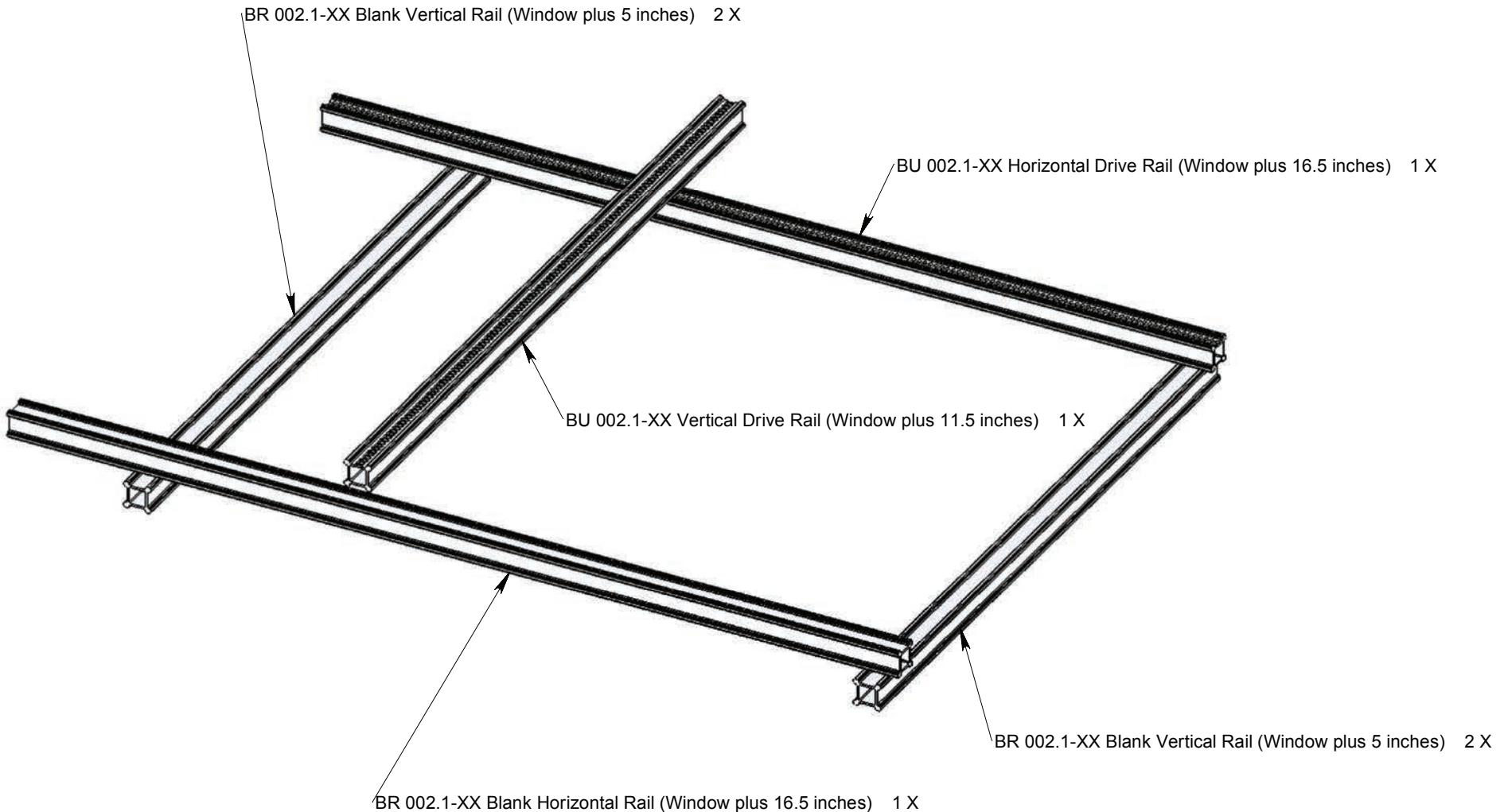
## SRT 485 Auto - Stroke Regulator Assy Parts List



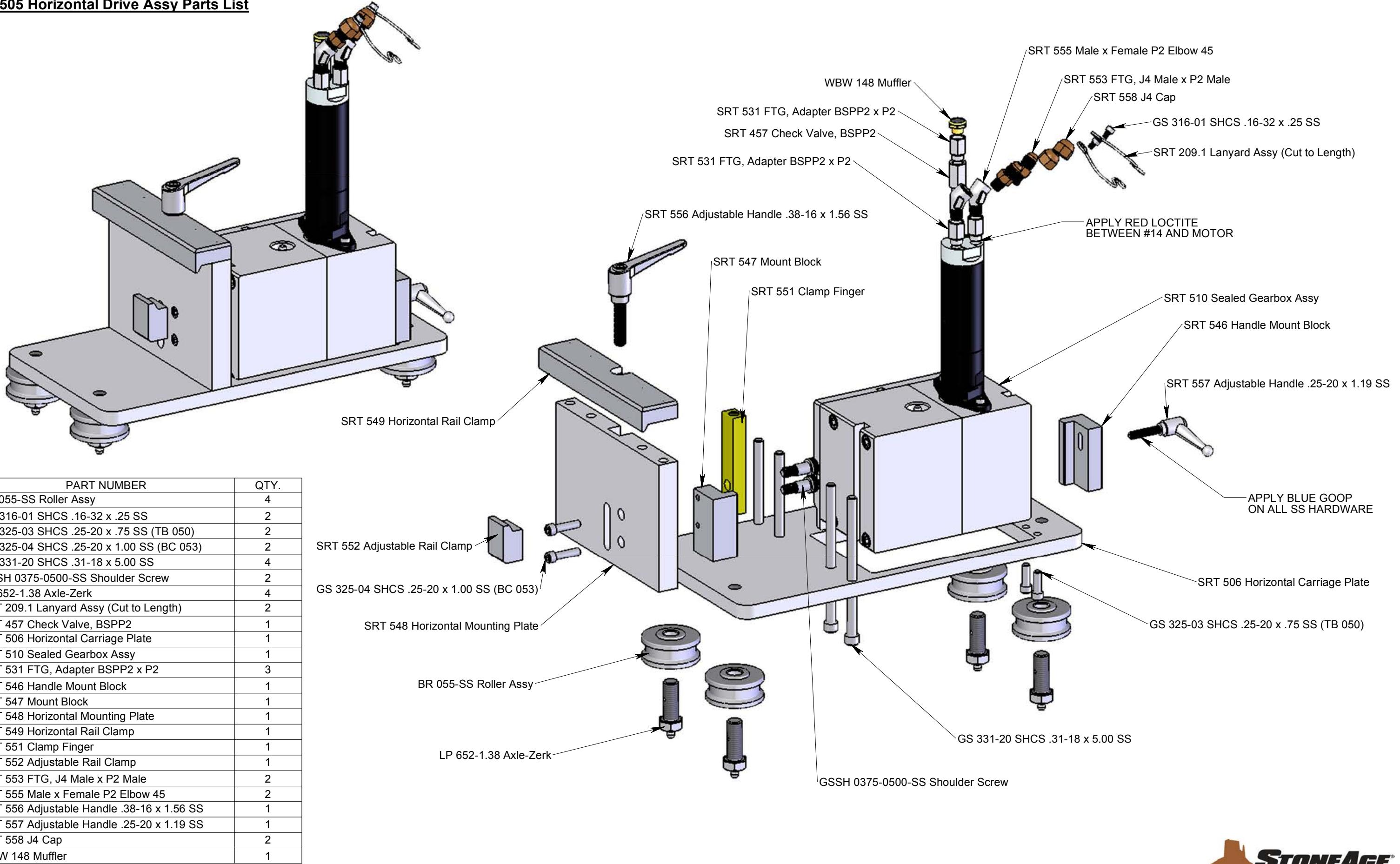
## SRT 500 O.D. Positioner Assy Parts List



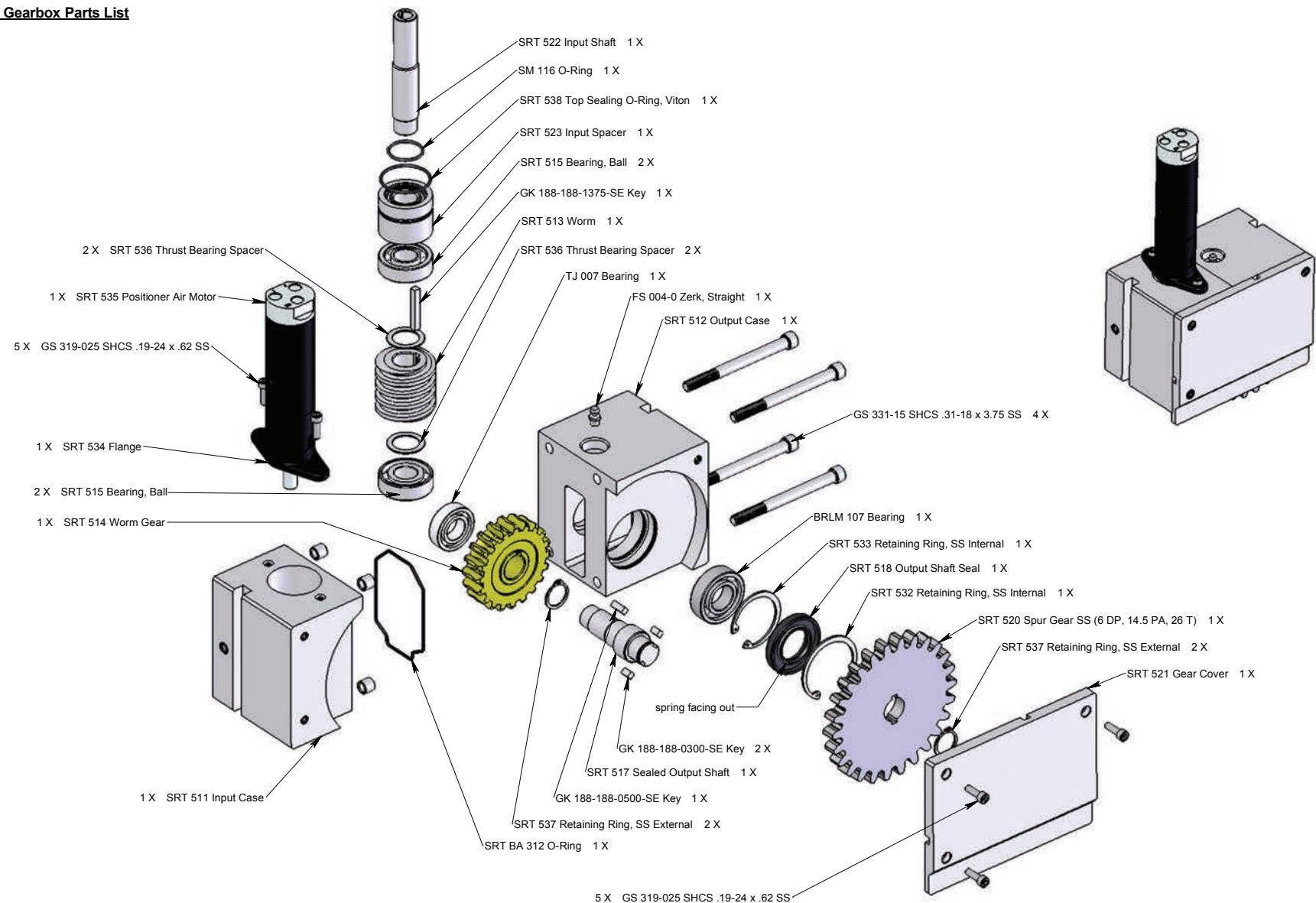
## **SRT 501 Positioner Drive Rail Assy Parts List**



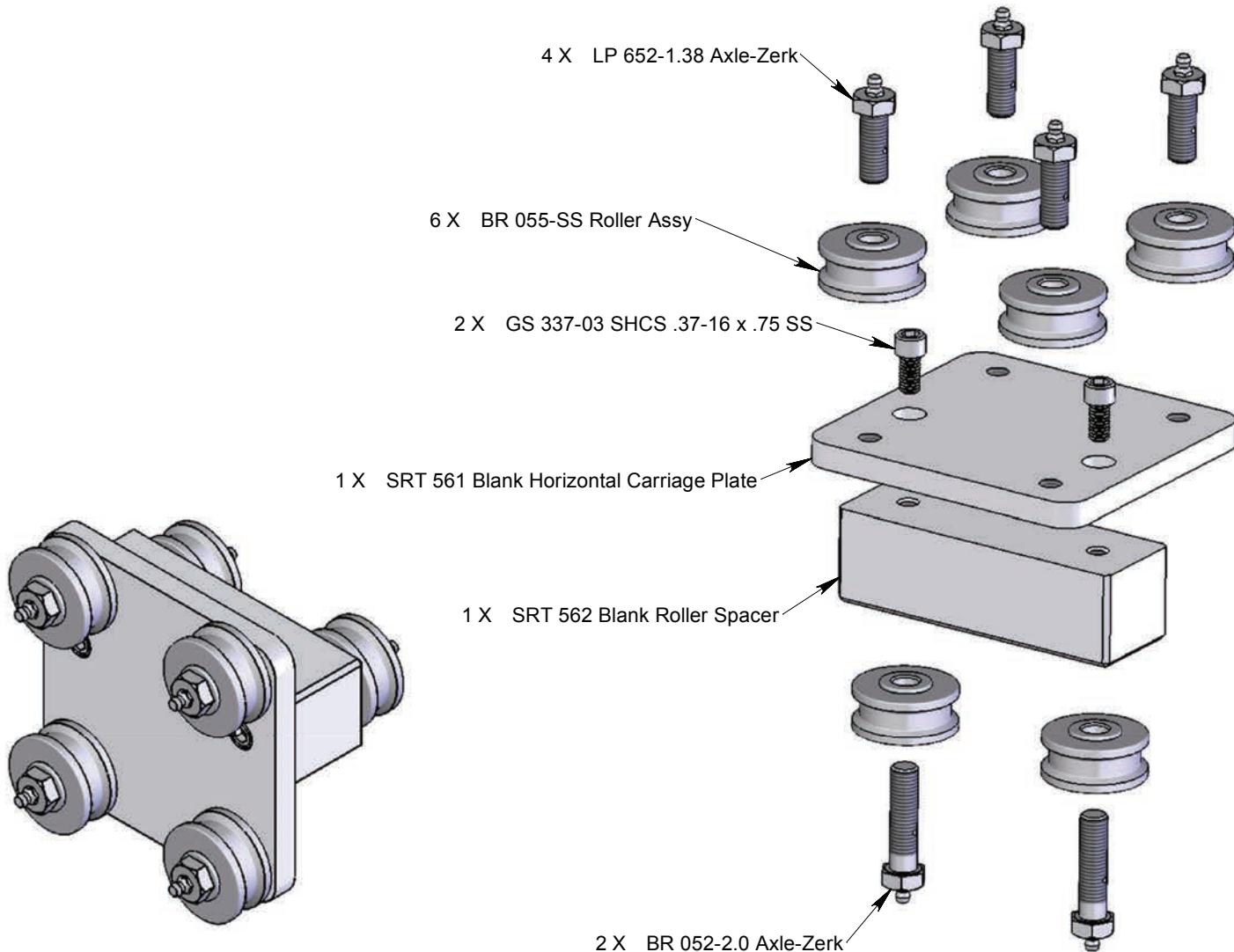
## SRT 505 Horizontal Drive Assy Parts List



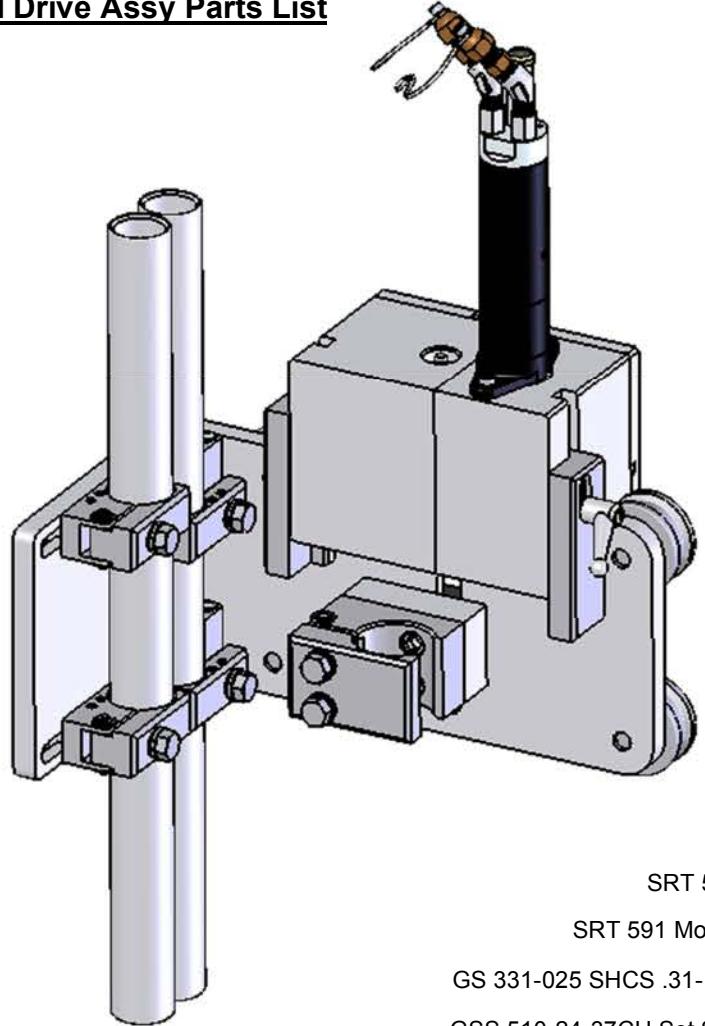
SRT 510 Sealed Gearbox Parts List



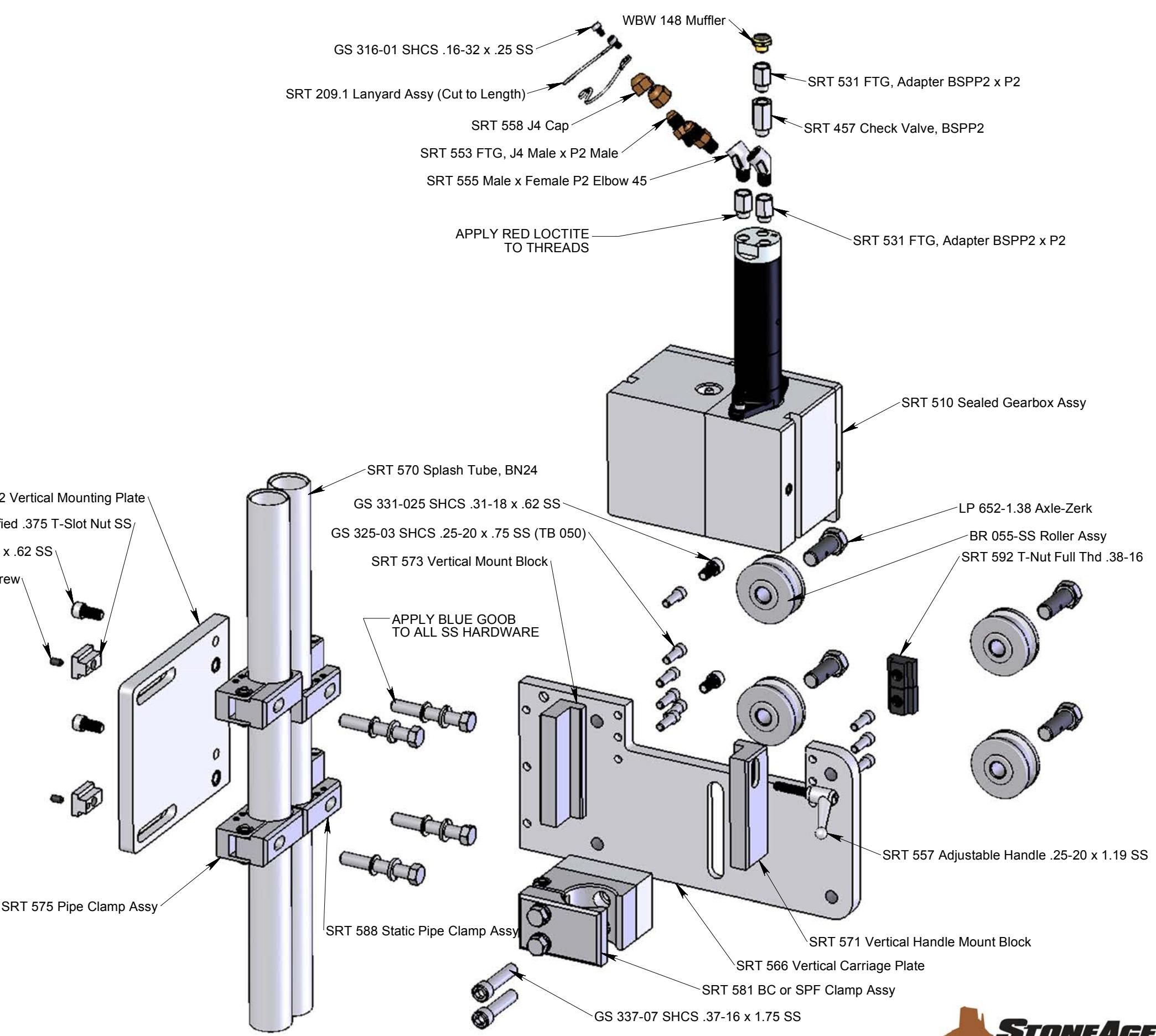
## SRT 560 Blank Horizontal Assy Parts List



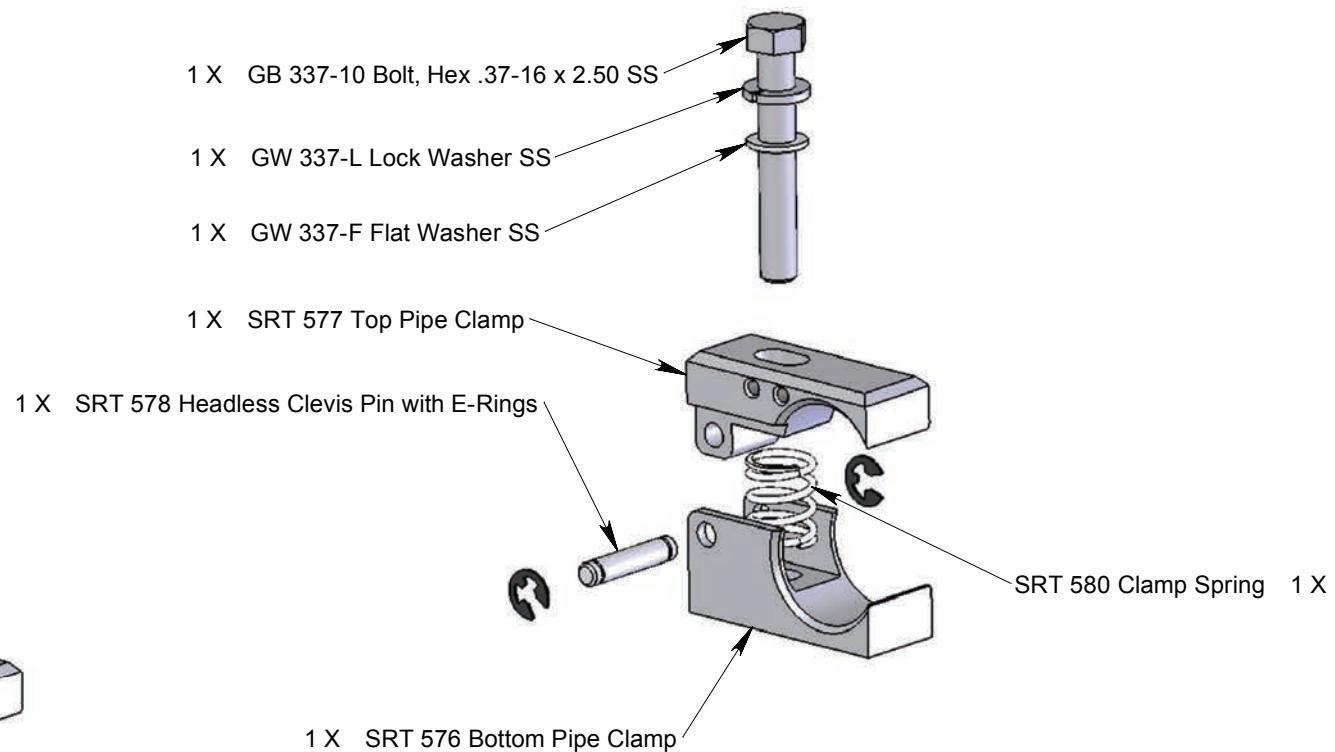
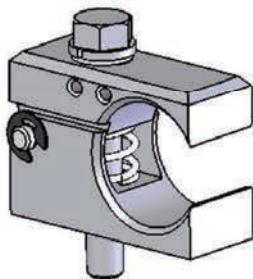
## SRT 565 Vertical Drive Assy Parts List



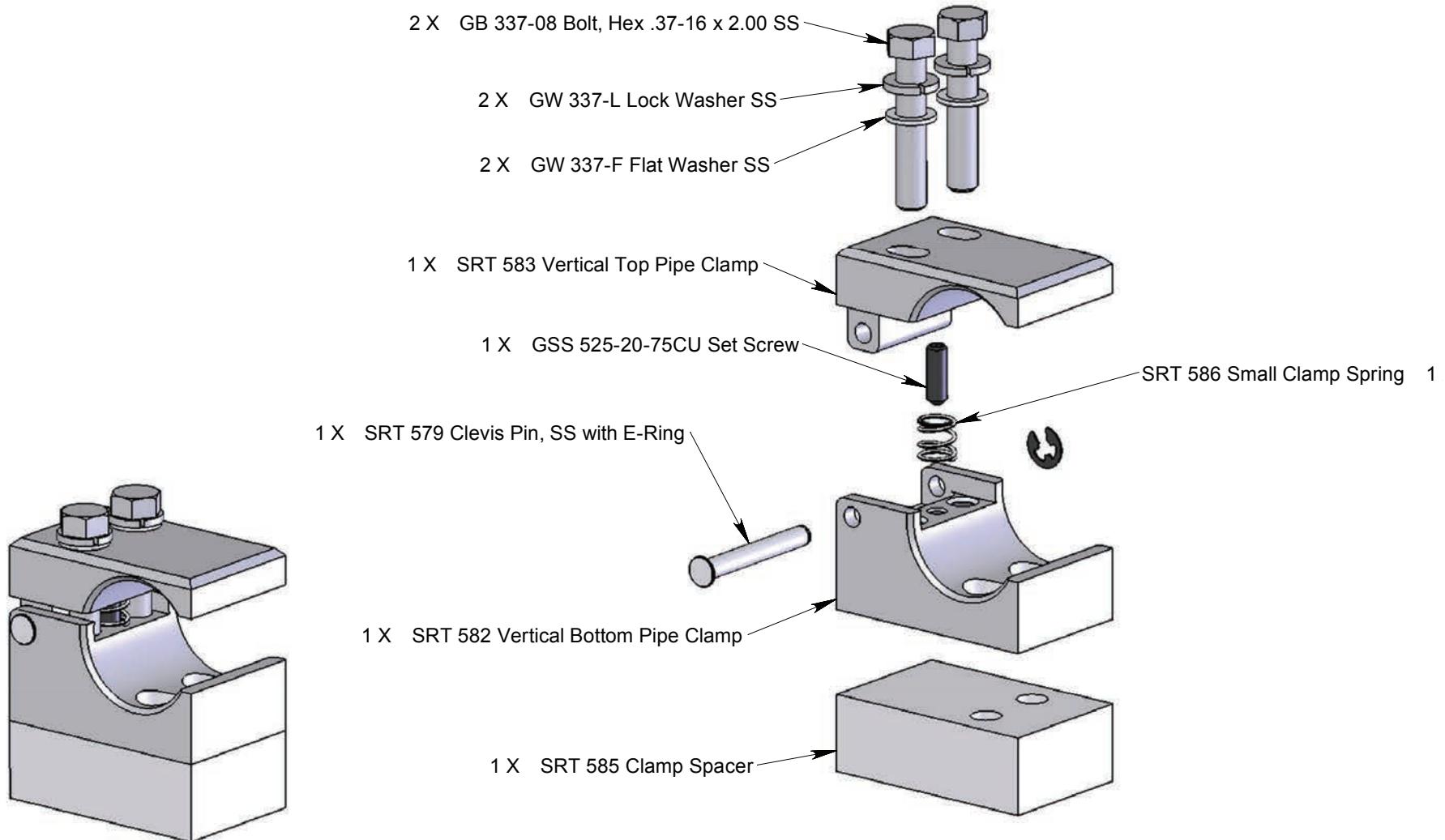
PART NUMBER	QTY.
SRT 510 Sealed Gearbox Assy	1
BR 055-SS Roller Assy	4
SRT 557 Adjustable Handle .25-20 x 1.19 SS	1
SRT 566 Vertical Carriage Plate	1
SRT 570 Splash Tube, BN24	2
SRT 571 Vertical Handle Mount Block	1
SRT 572 Vertical Mounting Plate	1
SRT 573 Vertical Mount Block	1
SRT 575 Pipe Clamp Assy	2
SRT 581 BC or SPF Clamp Assy	1
SRT 588 Static Pipe Clamp Assy	2
SRT 591 Modified .375 T-Slot Nut SS	2
SRT 592 T-Nut Full Thd .38-16	2
LP 652-1.38 Axle-Zerk	4
GS 331-025 SHCS .31-18 x .62 SS	4
GS 337-07 SHCS .37-16 x 1.75 SS	2
GSS 510-24-37CU Set Screw	2
SRT 531 FTG, Adapter BSPP2 x P2	3
WBW 148 Muffler	1
SRT 555 Male x Female P2 Elbow 45	2
GS 325-03 SHCS .25-20 x .75 SS (TB 050)	9
SRT 553 FTG, J4 Male x P2 Male	2
SRT 558 J4 Cap	2
SRT 209.1 Lanyard Assy (Cut to Length)	2
SRT 457 Check Valve, BSPP2	1
GS 316-01 SHCS .16-32 x .25 SS	2



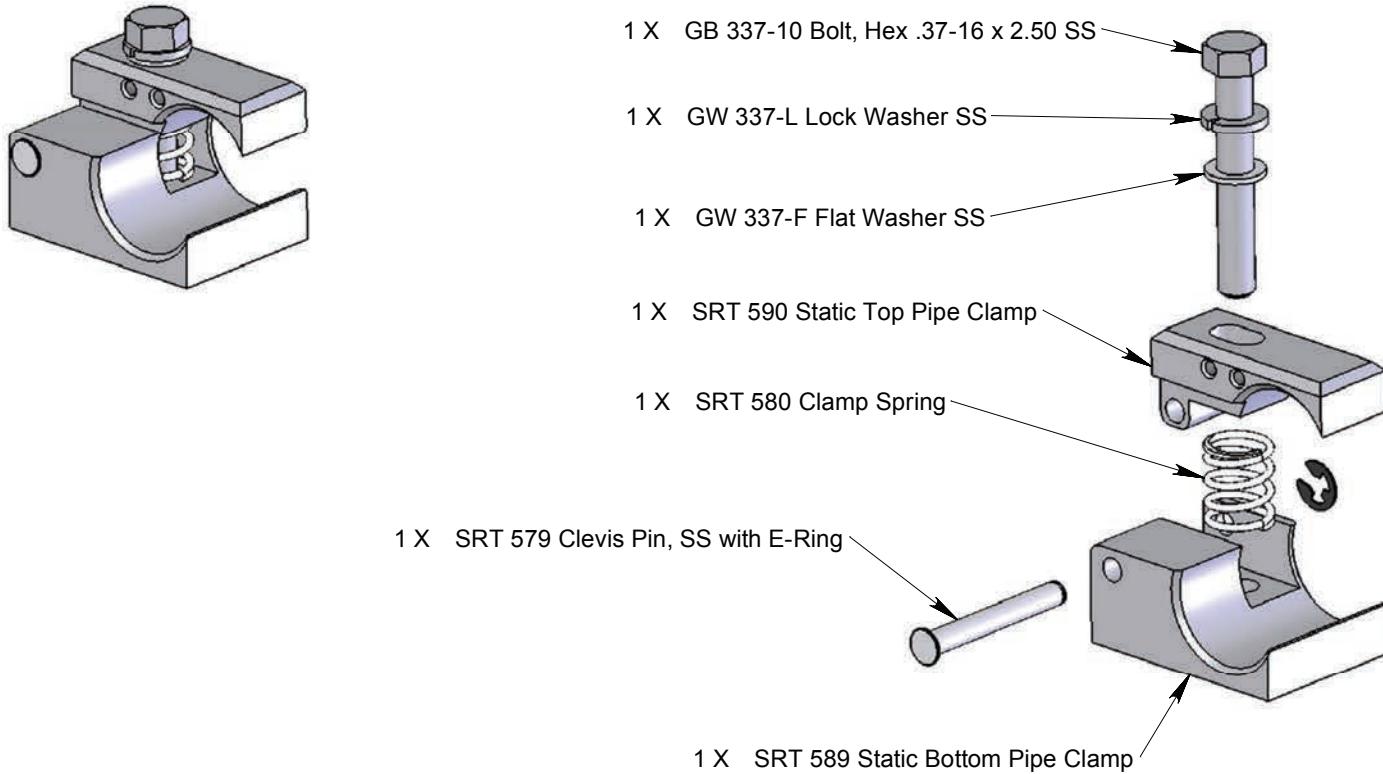
## SRT 575 Pipe Clamp Assy Parts List



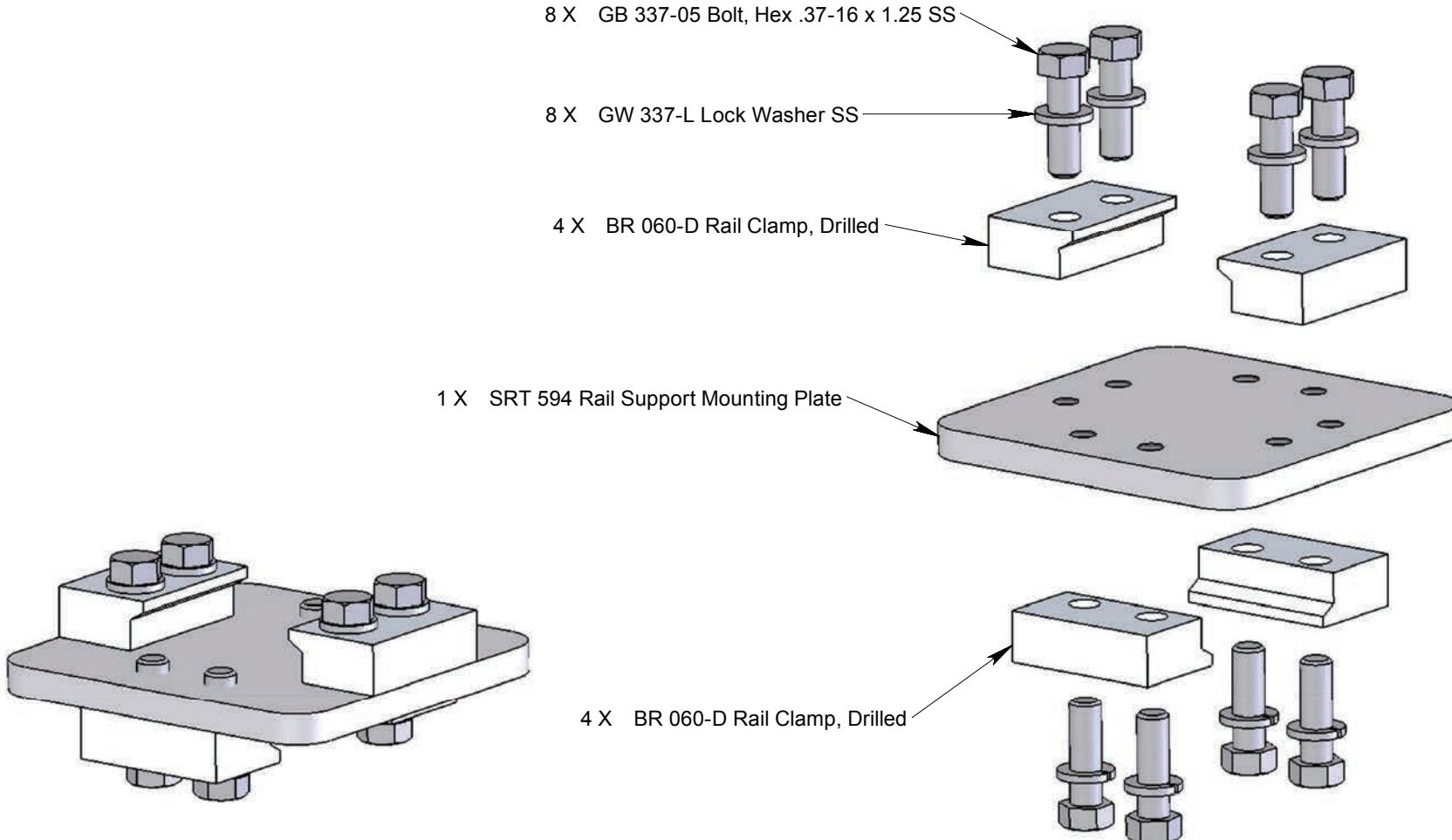
## SRT 581 BC or SPF Clamp Assy Parts List



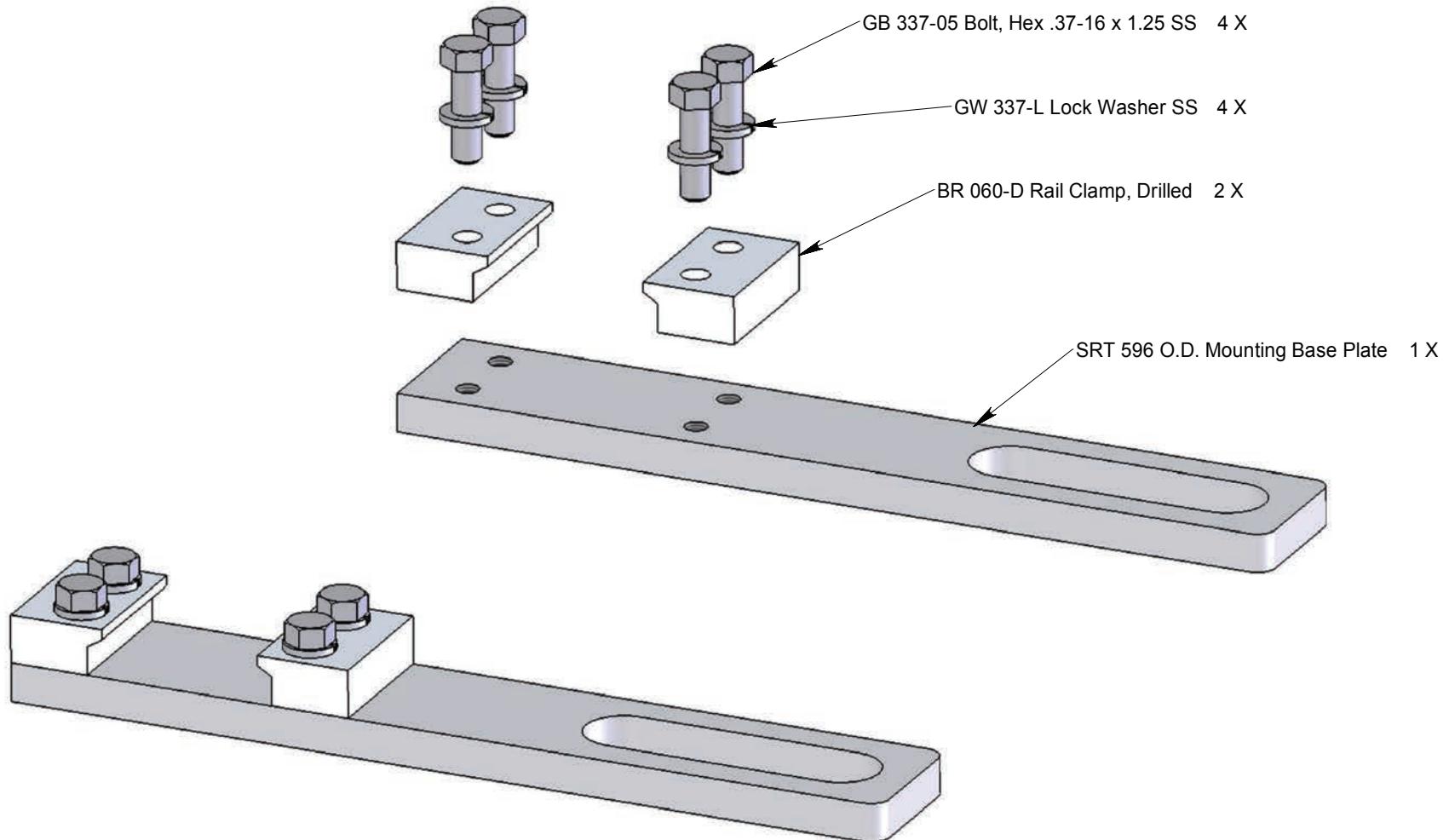
## SRT 588 Static Pipe Clamp Assy Parts List



## SRT 593 Support Rail Mounting Assy Parts List



## SRT 595 O.D. Mounting Assy Parts List

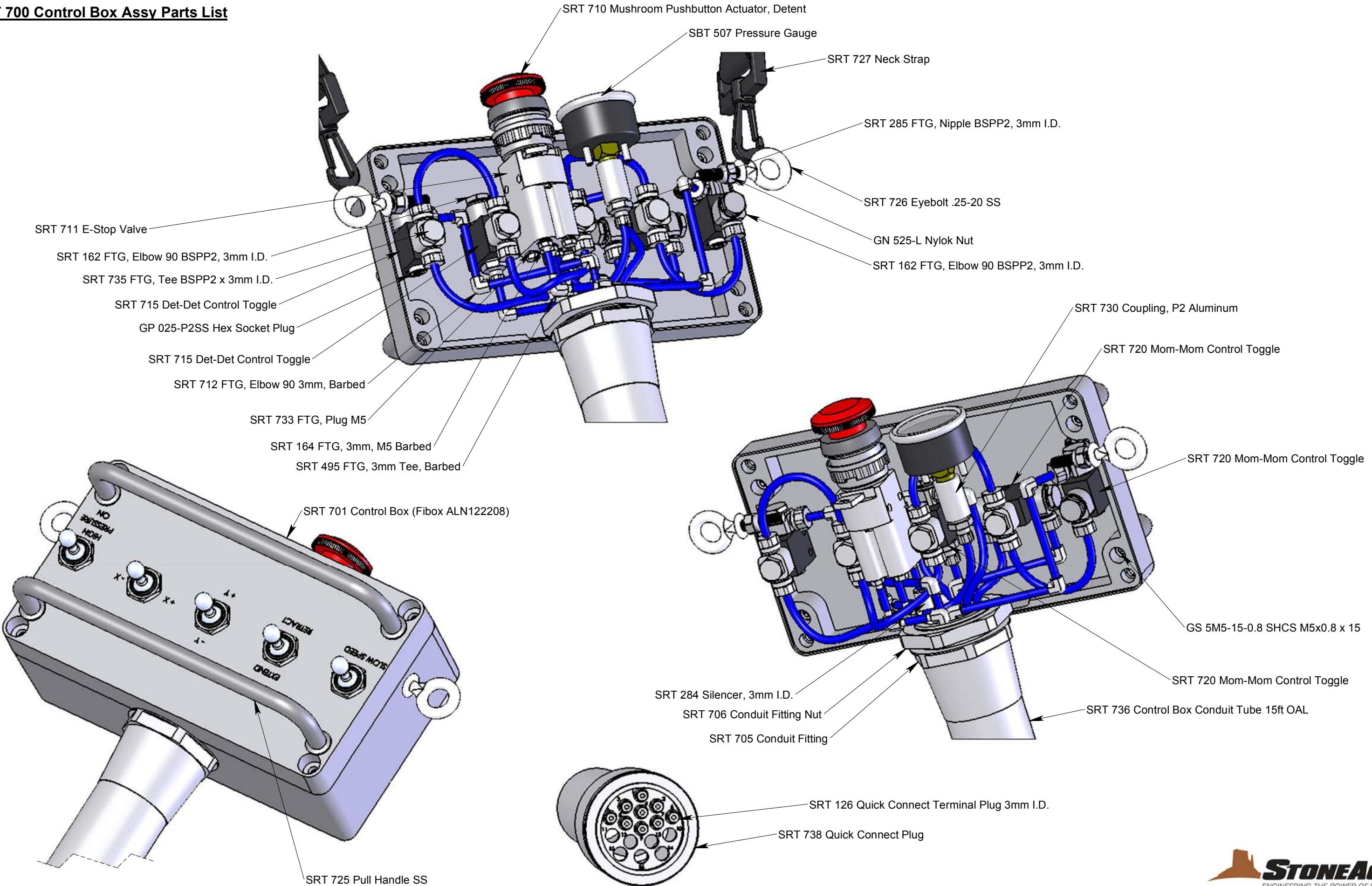


## SRT 700 Control Box Assy Parts List

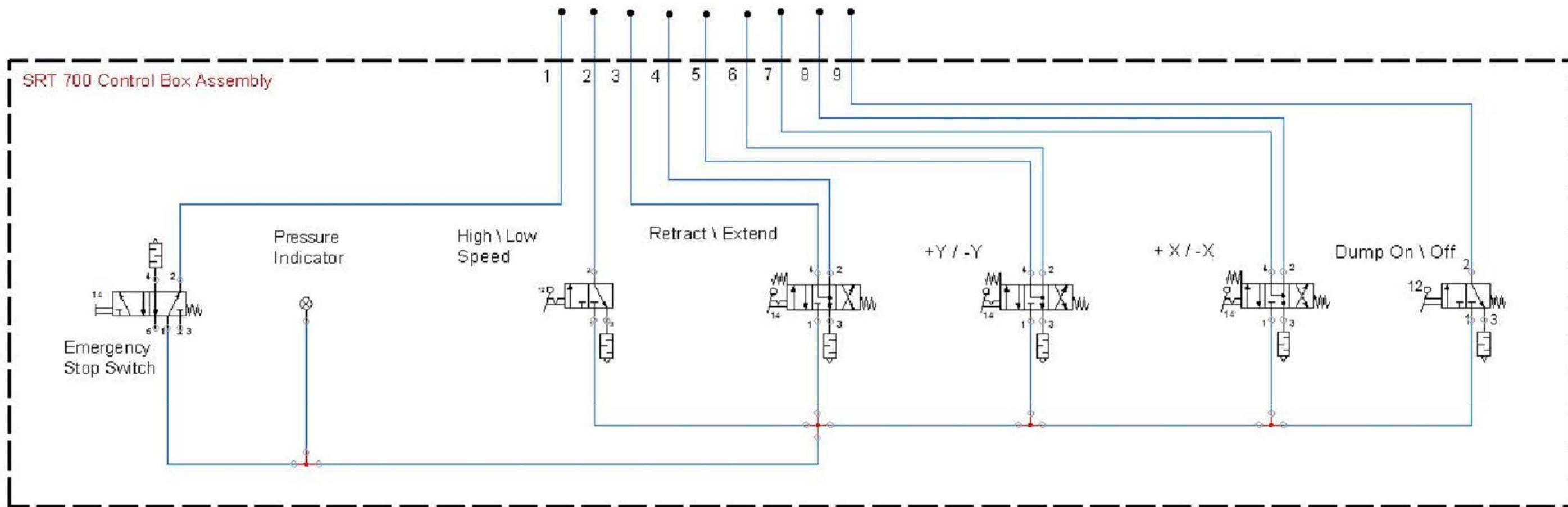
PART NUMBER	QTY.
GN 525-L Nylok Nut	2
GP 025-P2SS Hex Socket Plug	2
GS 5M5-15-0.8 SHCS M5x0.8 x 15	4
SBT 507 Pressure Gauge	1
SRT 126 Quick Connect Terminal Plug 3mm I.D.	9
SRT 162 FTG, Elbow 90 BSPP2, 3mm I.D.	7
SRT 164 FTG, 3mm, M5 Barbed	3
SRT 284 Silencer, 3mm I.D.	1
SRT 285 FTG, Nipple BSPP2, 3mm I.D.	3
SRT 495 FTG, 3mm Tee, Barbed	1
SRT 701 Control Box (Fibox ALN122208)	1
SRT 705 Conduit Fitting	1
SRT 706 Conduit Fitting Nut	1
SRT 710 Mushroom Pushbutton Actuator, Detent	1
SRT 711 E-Stop Valve	1
SRT 712 FTG, Elbow 90 3mm, Barbed	14
SRT 715 Det-Det Control Toggle	2
SRT 720 Mom-Mom Control Toggle	3
SRT 725 Pull Handle SS	2
SRT 726 Eyebolt .25-20 SS	2
SRT 727 Neck Strap	1
SRT 730 Coupling, P2 Aluminum	1
SRT 733 FTG, Plug M5	2
SRT 735 FTG, Tee BSPP2 x 3mm I.D.	4
SRT 736 Control Box Conduit Tube 15ft OAL	1
SRT 738 Quick Connect Plug	1

PART NUMBER	QTY.
(SRT 191) Tubing, 4.3mm O.D. (To Silencer)	10
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Elbow to Elbow 2)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Elbow to Elbow 3)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Elbow to Elbow 4)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Elbow to Elbow 5)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Elbow to Elbow 6)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Elbow to Elbow)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Ex Ret To Slow Speed)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Ex Ret To Y)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 1 to E-Stop Port 2)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 2 to Slow Speed)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 3 to Retract)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 4 to Extend)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 5 to +Y)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 6 to -Y)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 7 to +X)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 8 to -X)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Pin 9 to Dump On)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Tee To Pressure Gauge)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Tee To Slow Speed)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Y to Dump)	1
(SRT 191) Tubing, 4.3mm O.D. CB Tubing (Y to X)	1

## SRT 700 Control Box Assy Parts List



## SRT 700 Control Box Assy Parts List



Unlubricated Pilot Air  
 Ø4mm O.D. Polyurethane Tubing  
 Lubricated Drive Air  
 Ø12mm O.D. Polyurethane Tubing  
 Lubricated Drive Air  
 Ø16mm O.D. Polyurethane Tubing  
 Tee Connector

