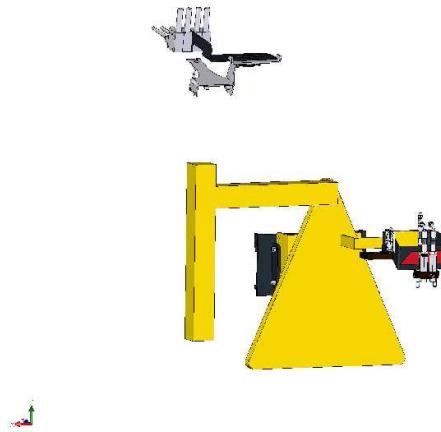




VARAOSAKIRJA
PART LIST
DELLISTA
ERSATZTEILLISTE



Pensasleikkuri Swingtrim 1.2 m
Helge cutter 1.2 m
Hacksax 1.2 m
Heckenschere 1.2 m

A411395, 400-700 srj

A410726, 200 srj

27.3.2015

Manufacturer:

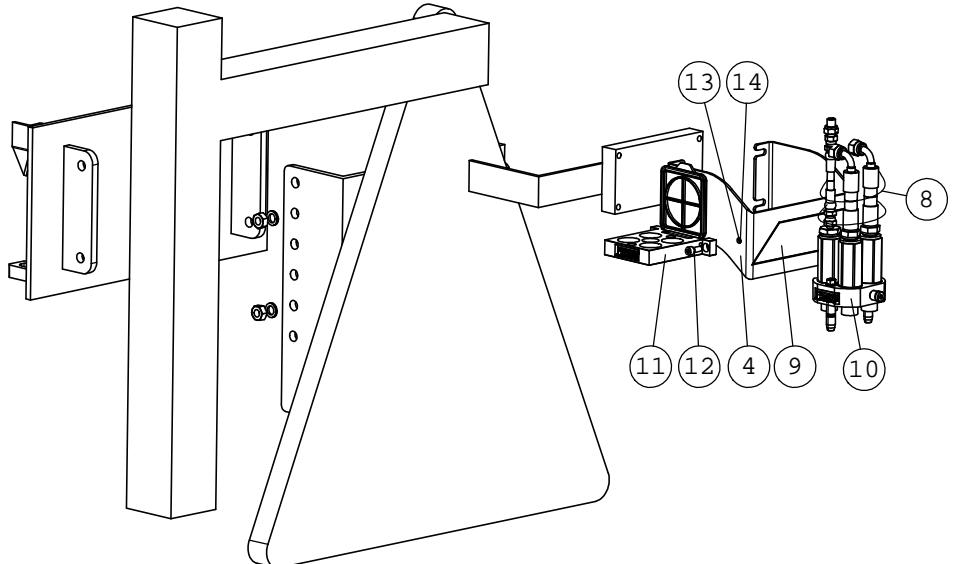
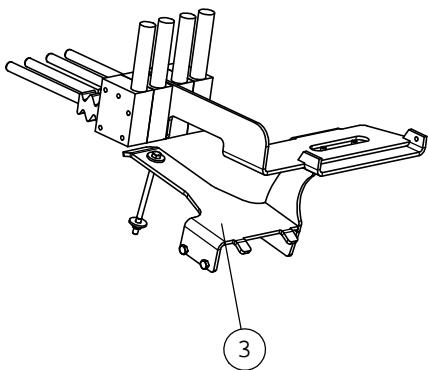
AVANT
AVANT TECNO OY
e-mail: sales@avanttecno.com

Ylötie 1
33470 Ylöjärvi
FINLAND
Tel. +358 3 347 8800
Fax +358 3 348 5511

www.avanttecno.com

A411395**PENSASLEIKKURI****SWINGTRIM 1,2M 4-700**

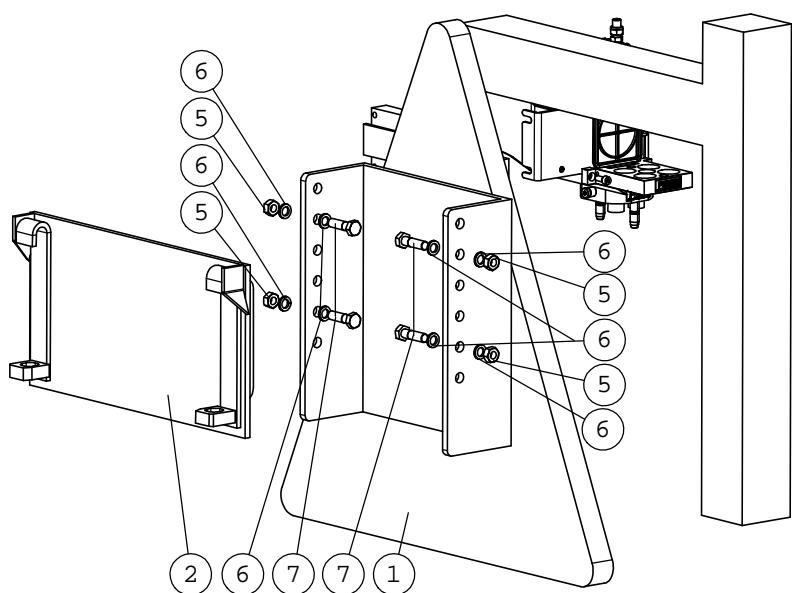
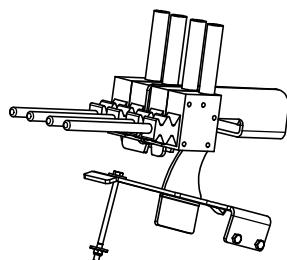
| NRO REF POS TEIL | OSAN NRO PART NO BESTÄLL.NR BEST.NR | KPL QTY ST ST | NIMITYS | DESCRIPTION | BENÄMNING | BEZEICHNUNG |
|---------------------------|--|------------------------|----------------------|----------------------|----------------------|----------------------|
| 1 | 66144 | 1 | PENSASLEIKKURI SWING | FINGERBAR MOWER SWIN | HACKKLIPPARE SWINGTR | HECKENSCHERE SWINGTR |
| 2 | A411579 | 1 | ADAPTERI | ADAPTER PLATE, AVANT | ADAPTERPLATTA, AVANT | ANBAUPLATTE, AVANT-M |
| 3 | A411580 | 1 | KAUKO-OHJAIMENT | MOUNTING BRACKET, KI | FASTEN, FJARRSTYRNIN | AUFNAHME, KIT, STEUE |
| 4 | A411584 | 1 | VENTTIILIN SUOJA | COVER PLATE, CONTROL | SKYDDSPLÄT, STYRVENT | ABDECKBLECH, STEUERG |
| 5 | 72326 | 4 | KUUSIOMUTTERI | HEXAGONAL NUT M14 DI | SEXKANTMUTTER M14 D | SECHSKANTMUTTER M14 |
| 6 | 74690 | 8 | ALUSLEVYPARI M14 | WASHER NORDLOCK M14 | BRICKA NORDLOCK M14 | UNTERLEGSCHEIBE NORD |
| 7 | 72071 | 4 | KUUSIÖRÖUUVI ZN | HEXAGONAL SCREW M14× | SEXKANTSKRUV M14×50 | SECHSKANTSCHRAUBE M1 |
| 8 | a410071 | 1 | SUOJASPIRAALI HYDR. | HOSE COVER, SPIRAL, | SLANGSKYDD, SPIRAL, | SCHLAUCHSCHUTZ, SPIR |
| 9 | a44007 | 1 | TARRA AVANT 60×225 | DECAL AVANT 60×225 R | DEKAL AVANT 60×225 R | AUFKLEBER AVANT 60×2 |
| 10 | A414499 | 1 | LETKUTUS | HYDR. HOSES, KIT, SW | HYDRAULSLANGAR, SATS | HYDR. SCHLAUCHE, HEC |
| 11 | 65594 | 1 | PIKALIITINRYHMÄN TEL | PARKING FOR MULTI CO | PARKING FÖR FLERSNAB | PARKING FÜR MULTI-KU |
| 12 | 74481 | 2 | KUUSIÖKOLORUUVI ZN | HEXAGONAL HEAD SCREW | SEXKANTHÄLSKRUV M8×2 | INNEN-SECHSKANTSCHRA |
| 13 | 73122 | 2 | ALUSLEVY M 8 | WASHER M8 A8 | BRICKA M8 A8, | UNTERLEGSCHEIBE M8 |
| 14 | 72320 | 2 | KUUSIOMUTTERI ZN | NUT M8 NYLOC DIN 98 | SEXKANTMUTTER M8 NY | SECHSKANTMUTTER M 8 |



A411395

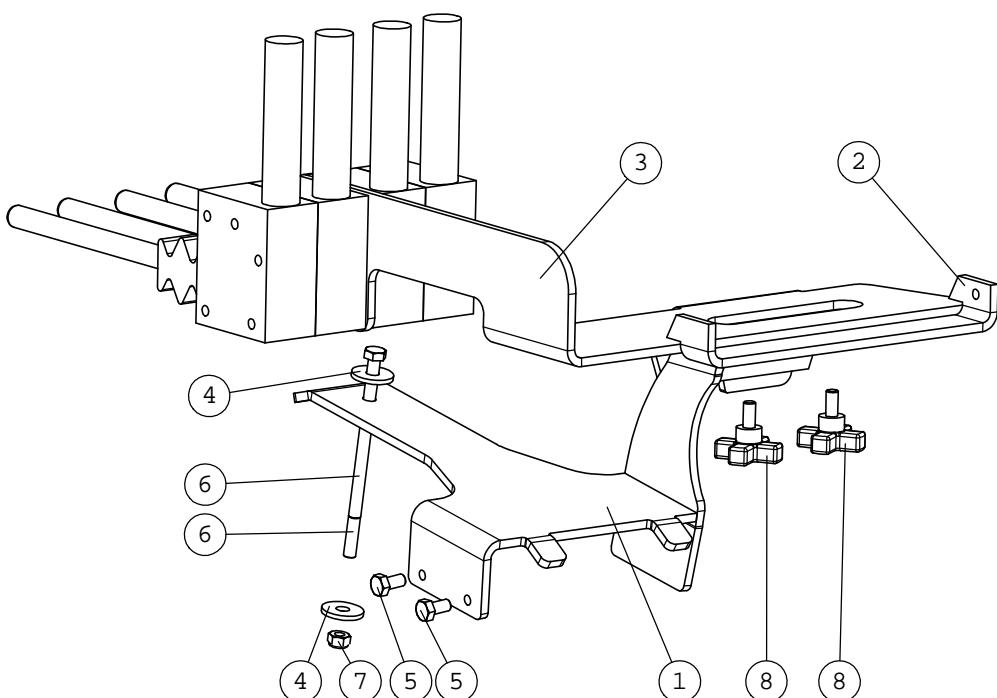
PENSASLEIKKURI

SWINGTRIM 1,2M 4-700



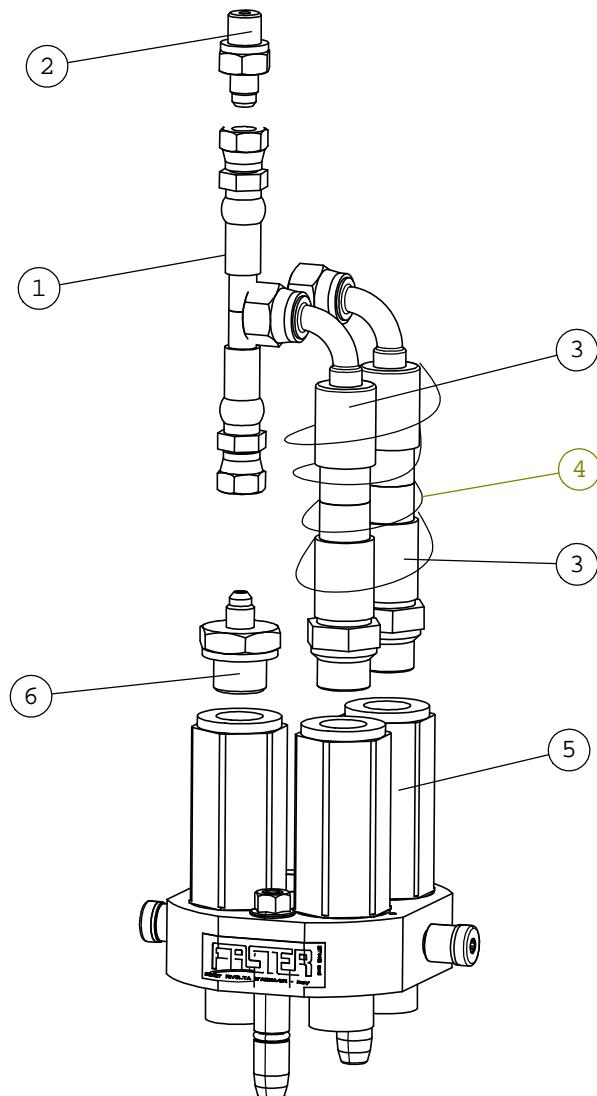
A411580**KAUKO-OHJAIMEN****KIINNITYSSARJA**

| NRO REF POS TEIL | OSAN NRO PART NO BESTÄLL.NR BEST.NR | KPL QTY ST ST | NIMITYS | DESCRIPTION | BENÄMNING | BEZEICHNUNG |
|---------------------------|--|------------------------|------------------|----------------------|----------------------|----------------------|
| 1 | A48490 | 1 | VENTTILIN TELINE | MOUNTING BRACKET, CO | FASTE, STYRVENTIL | AUFNAHME, STEUERGERÄ |
| 2 | A42617 | 1 | LEVYOSA | PLATE | PLÄT | SCHEIBE |
| 3 | A411583 | 1 | KAUKO-OHJAIMEN | BRACKET, CABLE CONTR | FASTE, FJÄRRSTYRNING | AUFNAHME, FERNSTEUER |
| 4 | 71685 | 3 | ALUSLEVY M 8 | WASHER M 8 DIN 440 | BRICKA M 8 DIN 440 | UNTERLEGSCHIEBE M 8 |
| 5 | 73039 | 2 | KUUSIORUUVI ZN | HEXAGONAL SCREW M 8 | SEXKANTSKRUV M 8x16 | SECHSKANTSCHRAUBE M |
| 6 | 74766 | 1 | KUUSIORUUVI ZN | HEXAGONAL SCREW M8x1 | SEXKANTSKRUV M8x140 | SECHSKANTSCHRAUBE M8 |
| 7 | 72320 | 1 | KUUSIOMUTTERI ZN | NUT M8 NYLOC DIN 98 | SEXKANTMUTTER M8 NY | SECHSKANTMUTTER M 8 |
| 8 | 64355 | 2 | SORMIRUUVI TAHTI | FINGER SCREW STAR SR | FINGERSKRUV STJARNA | FINGERSCHRAUBE STERN |
| 9 | 72132 | 1 | KUUSIORUUVI ZN | HEXAGONAL SCREW M 8 | SEXKANTSKRUV M 8x2 | SECHSKANTSCHRAUBE M8 |



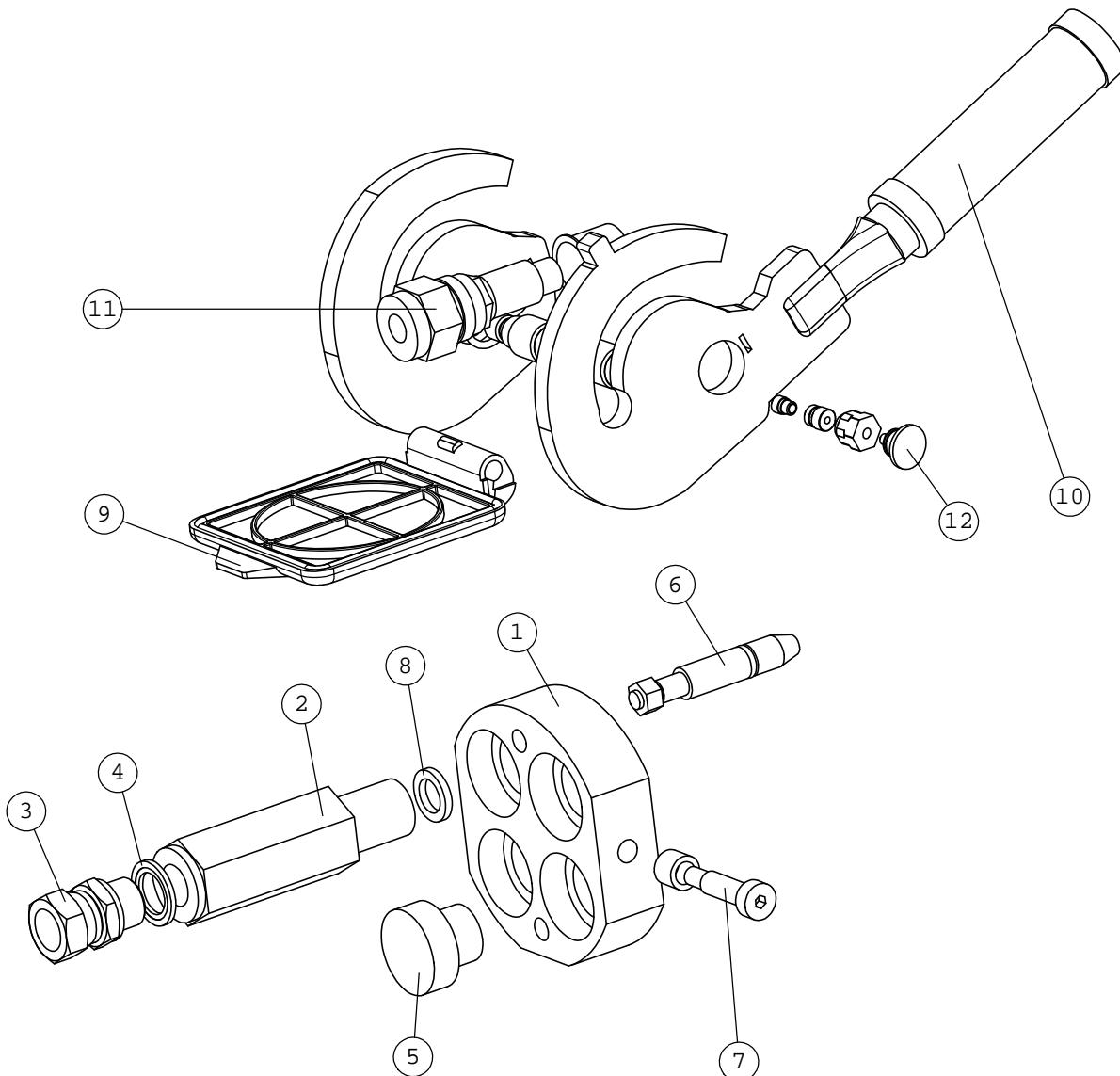
A414499**LETKUTUS**

| NRO REF POS TEIL | OSAN NRO PART NO BESTÄLL.NR BEST.NR | KPL QTY ST ST | NIMITYS | DESCRIPTION | BENÄMNING | BEZEICHNUNG |
|---------------------------|--|------------------------|---------------------|----------------------|----------------------|----------------------|
| 1 | A411586 | 1 | HYDR.LETKU L=4300 | HYDR. HOSE L=4300 | HYDRAULSLANG L=430 | HYDR. SCHLAUCH L=43 |
| 2 | 64678 | 1 | PERUSLIITIN | BASIC FITTING F40XS6 | RAK KOPPLING F40XS6- | GERADE EINSCHR. VERS |
| 3 | A412310 | 2 | HYDR.LETKU L=1500 | HYDR. HOSE L=1500 | HYDRAULSLANG L=1500 | HYDR. SCHLAUCH L=150 |
| 4 | a49337 | 1 | SUOJASPIRAALI HYDR. | HOSE COVER, SPIRAL | SLANGSKYDD, SPIRAL | SCHLAUCHSCHUTZ SPIRA |
| 5 | 65250 | 1 | PIKALIITINRYHMÄ | MULTI CONNECTOR, 3 C | FLERKOPPLING, 3 KOPP | MULTI-KUPPLUNG, 3 KU |
| 6 | 65599 | 1 | PERUSLIITIN | BASIC FITTING | RAK KOPPLING | GERADE EINSCHRAUBVER |



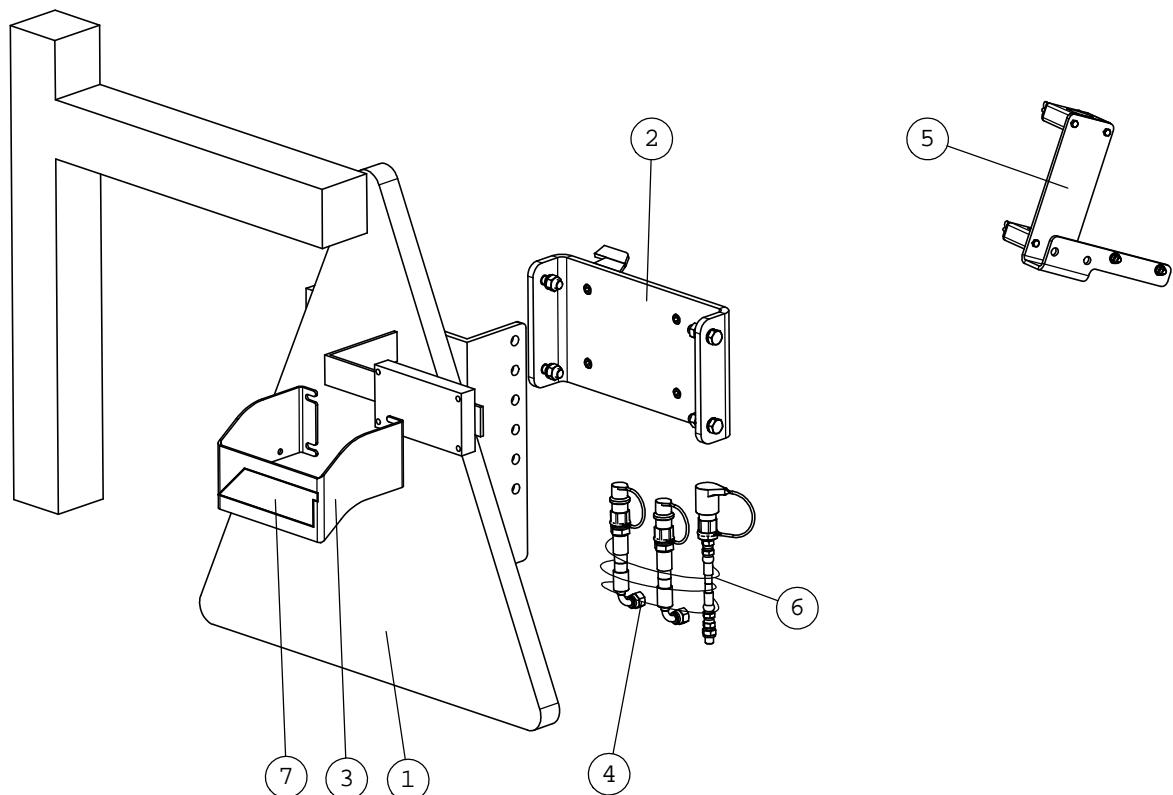
A417531**PIKALIITINRYHMÄ****VARAOSAKOKOONPANO**

| NRO REF POS TEIL | OSAN NRO PART NO BESTÄLL.NR. BEST.NR. | KPL QTY ST ST | NIMITYS | DESCRIPTION | BENÄMNING | BEZEICHNUNG |
|---------------------------|--|------------------------|----------------------|----------------------|----------------------|----------------------|
| 1 | 65628 | 1 | PIKALIITINRUNKO KIT | MULTIFASTER MOBILE B | MULTIFASTER MOBILE B | MULTIFASTER MOBILE B |
| 2 | 65627 | 1 | PIKALIITIN UROS | CHECK VALVE CARTRIDG | KONTRASTVENTILPATRON | RÜCKSCHLAGVENTIL-PAT |
| 3 | 65600 | 1 | YHĐYSNIPPA | CONNECTOR NIPPLE 8 | FÖRBINDNINGSNIPPEL | VERBINDUNGSNIPPEL |
| 4 | 73047 | 1 | USIT-TIIVISTE R1/2" | USIT SEAL RING R/12" | USIT-PACKNING 1/2" F | USIT-DICHTUNGSSCHEIB |
| 5 | 65626 | 1 | PIKALIITINTULPPA | CHECK VALVE CARTRIDG | KONTRASTVENTILPATRON | RÜCKSCHLAGVENTIL-PAT |
| 6 | 65878 | 1 | PIKALIITIN OHJANTAP | GUIDE PIN MULTIFASTE | STYRTAPP MULTIFASTER | STEUERBOLZEN MULTIFA |
| 7 | 65879 | 1 | PIKALIITIN LUKITUSTA | LOCKING PIN MULTIFAS | LÄSTAPP MULTIFASTER | VERRIEGELUNGSBOLZEN |
| 8 | 65880 | 1 | PIKALIITIN TIIVISTE | SEAL RING, MULTI CON | PACKNING, FLERSNABBK | DICHTUNG, MULTI-KUPP |
| 9 | 65882 | 1 | PIKALIITIN SUOJALEVY | CAP PLATE, KIT, MULT | LOCK, KIT, FLERSNABB | SCHUTZDECKEL, KIT, M |
| 10 | 65884 | 1 | PIKALIITIN LUKITUSVI | HANDLE, KIT, MULTI C | HANDTAG, KIT, FLERSN | GRIFF, KIT, MULTI-KU |
| 11 | 65881 | 1 | PIKALIITINRUNKO KIT | QUICK COUPLER, ON MU | SNABBKOPPLING, PÅ FL | SCHNELLKUPPLUNG, AUF |
| 12 | 65883 | 1 | PIKALIITIN LUKITUSPA | SAFETY BUTTON, KIT, | SAKERHETSKNAPP, KIT, | DRUCKKNOPF, KIT, MUL |



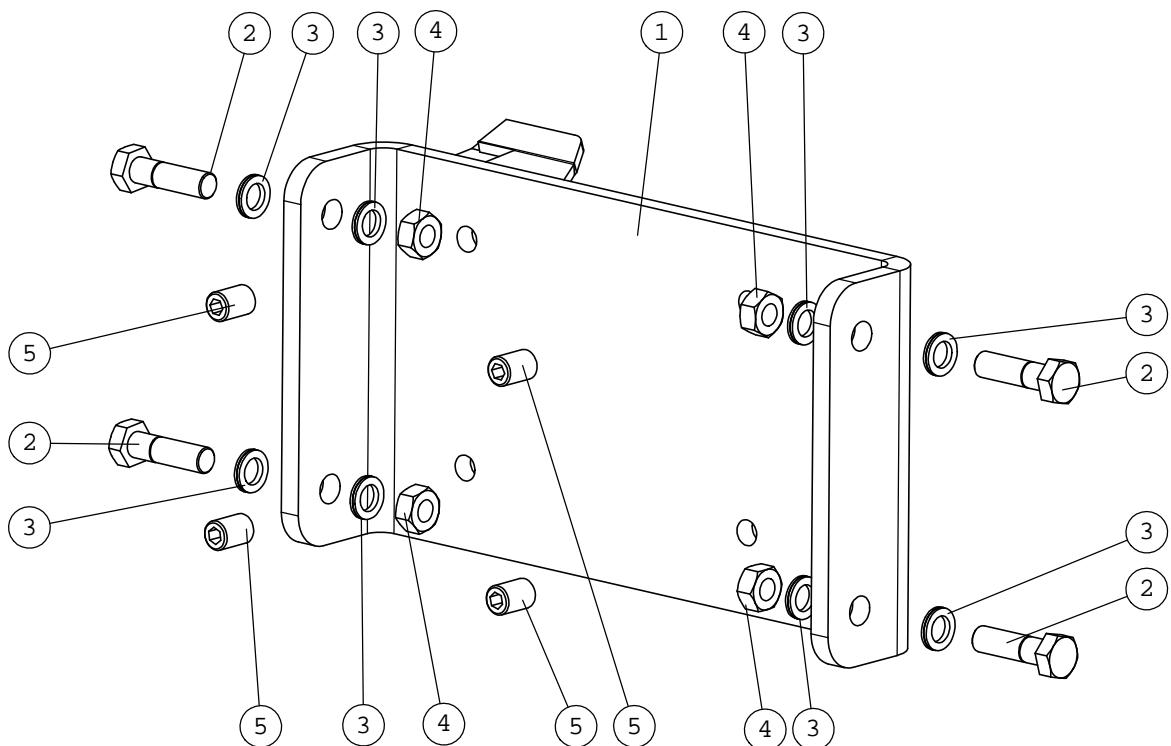
A410726**PENSASLEIKKURI****SWINGTRIM 1 , 2M**

| NRO REF POS TEIL | OSAN NRO PART NO BESTÄLL.NR BEST.NR | KPL QTY ST ST | NIMITYS | DESCRIPTION | BENÄMNING | BEZEICHNUNG |
|---------------------------|--|------------------------|----------------------|----------------------|----------------------|----------------------|
| 1 | 66144 | 1 | PENSASLEIKKURI SWING | FINGERBAR MOWER SWIN | HACKKLIPPARE SWINGTR | HECKENSCHERE SWINGTR |
| 2 | A412389 | 1 | KIINNITYSADAPTERI KP | ATTACH PLATE 200 SER | FÄSTE 200 SERIE, HÄC | ANBAUPLATTE 200 SERI |
| 3 | A411584 | 1 | VENTTIILIN SUOJA | COVER PLATE, CONTROL | SKYDDSPLÄT, STYRVENT | ABDECKBLECH, STEUERG |
| 4 | A412393 | 1 | LETKUTUS 200 SARJA | HYDR. HOSES 200 SERI | HYDRAULSLANGAR 200 S | HYDR. SCHLÄUCHE 200 |
| 5 | A412397 | 1 | KAUKO-OHJAIMEN KIINN | MOUNTING BRACKET, KI | FÄSTE, 200 SERIE, FJ | AUFNAHME, KIT, 200 S |
| 6 | a410071 | 1 | SUOJASPIRAALI HYDR. | HOSE COVER, SPIRAL, | SLANGSKYDD, SPIRAL, | SCHLAUCHSCHUTZ, SPIR |
| 7 | a44007 | 1 | TARRA AVANT 60×225 | DECAL AVANT 60×225 R | DEKAL AVANT 60×225 R | AUFKLEBER AVANT 60×2 |



A412389 KIINNITYSADAPTERI KP200 SARJA

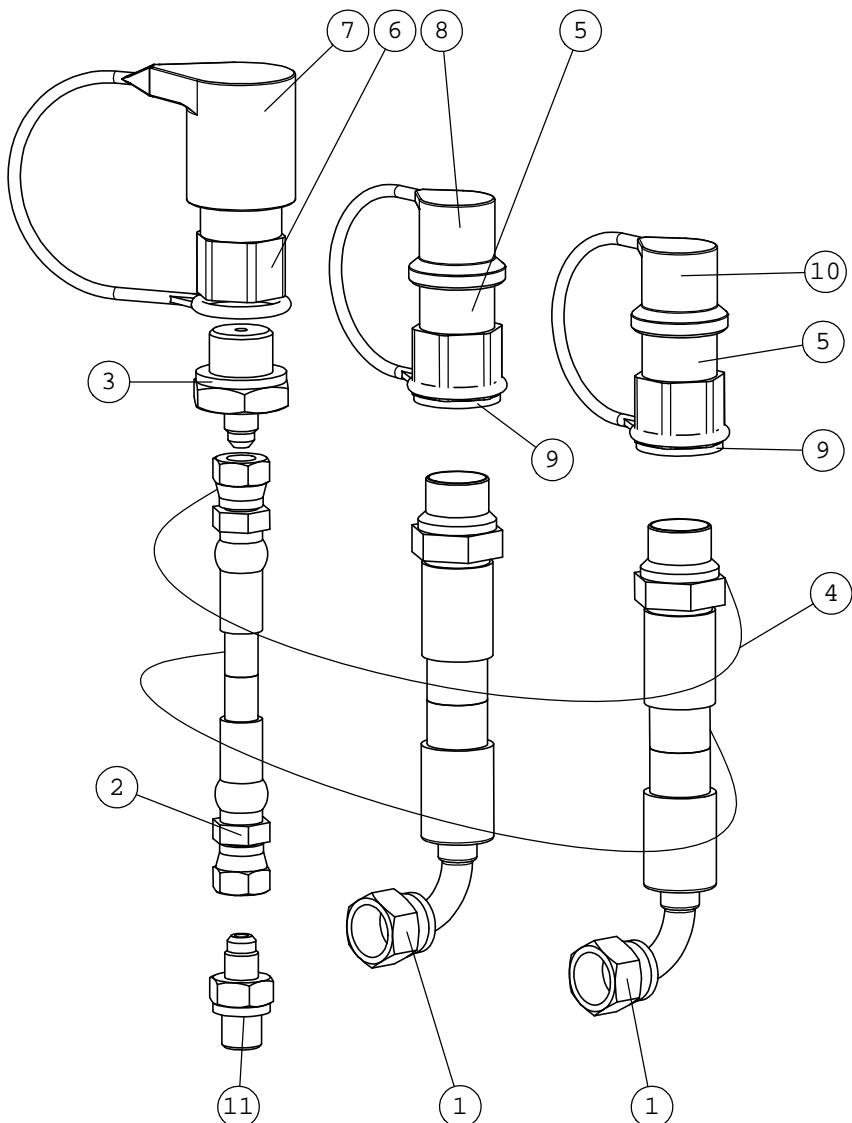
| NRO REF POS TEIL | OSAN NRO PART NO BESTÄLL.NR BEST.NR | KPL QTY ST ST | NIMITYS | DESCRIPTION | BENÄMNING | BEZEICHNUNG |
|---------------------------|--|------------------------|---------------------|----------------------|----------------------|-----------------------|
| 1 | A412386 | 1 | ADAPTERILEVY KP | ATTACH PLATE 200 SER | FASTE 200 SERIE, HÄC | ANBAUPLATTE 200 SERI |
| 2 | 72071 | 4 | KUUSIORUUVI ZN | HEXAGONAL SCREW M14x | SEXKANTSKRUV M14x50 | SECHSKANTSCHRAUBE M1 |
| 3 | 74690 | 8 | ALUSLEVYPARI M14 | WASHER NORDLOCK M14 | BRICKA NORDLOCK M14 | UNTERLEGSCHIEIBE NORD |
| 4 | 72326 | 4 | KUUSIOMUTTERI | HEXAGONAL NUT M14 DI | SEXKANTMUTTER M14 D | SECHSKANTMUTTER M14 |
| 5 | 74802 | 4 | KUUSIOKOLOPID.RUUVI | HEXAGON SOCKET SET S | SEXKANTHUVUDSTOPPSKR | STIFTSCHRAUBE INNEN- |



A412393

LETKUTUS 200 SARJA

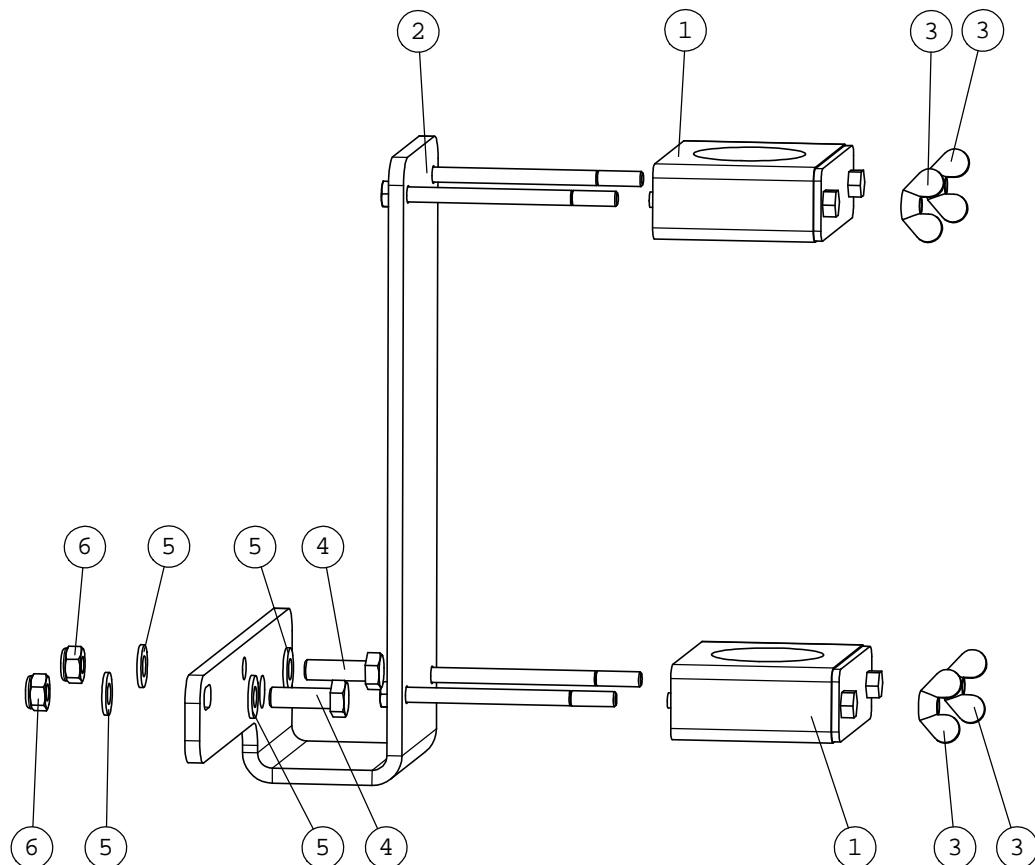
| NRO REF POS TEIL | OSAN NRO PART NO BESTÄLL.NR BEST.NR | KPL QTY ST ST | NIMITYS | DESCRIPTION | BENÄMNING | BEZEICHNUNG |
|---------------------------|--|------------------------|----------------------|----------------------|----------------------|-----------------------|
| 1 | A412310 | 2 | HYDR.LETKU L=1500 | HYDR. HOSE L=1500 | HYDRAULSLANG L=1500 | HYDR. SCHLAUCH L=1500 |
| 2 | A411586 | 1 | HYDR.LETKU L=4300 | HYDR. HOSE L=4300 | HYDRAULSLANG L=4300 | HYDR. SCHLAUCH L=4300 |
| 3 | 65599 | 1 | PERUSLIITIN | BASIC FITTING | RAK KOPPLING | GERADE EINSCHRAUBVER |
| 4 | a49337 | 1 | SUOJASPIRAALI HYDR. | HOSE COVER, SPIRAL | SLANGSKYDD, SPIRAL | SCHLAUCHSCHUTZ SPIRA |
| 5 | 64563 | 2 | PIKALIITINNIPPA FL 3 | COUPLER, FLAT FACE, | SNABBKOPPLING, FLAT | SCHNELLKUPPLUNG, FLA |
| 6 | 64564 | 1 | PIKALIITINRUNKO FL 3 | COUPLING, FLAT FACE, | SNABBKOPPLING, FLAT | SCHNELLKUPPLUNG, FL, |
| 7 | 64568 | 1 | SUOJUS MUSTA FLAT 3/ | RUBBER COVER 3/8", F | GUMMISKYDD 3/8" HAND | SCHUTZGUMMI 3/8", FL |
| 8 | 64567 | 1 | SUOJUS MUSTA FLAT 3/ | RUBBER COVER 3/8", F | GUMMISKYDD 3/8", FLA | SCHUTZGUMMI 3/8", FL |
| 9 | 73047 | 2 | USIT-TIIVISTE R1/2" | USIT SEAL RING R1/2" | USIT-PACKNING 1/2" F | USIT-DICHTUNGSSCHEIB |
| 10 | 64811 | 1 | SUOJUS PUNAINEN FLAT | COVER, QUICK COUPLER | HATT, SNABBKOPPLING, | SCHUTZGUMMI, SCHNELL |
| 11 | 64678 | 1 | PERUSLIITIN | BASIC FITTING F40XS6 | RAK KOPPLING F40XS6- | GERADE EINSCHR. VERS |



A412397

KAUKO-OHJAIMEN KIINNITYSSARJA 200 SARJA

| NRO REF POS TEIL | OSAN NRO PART NO BESTÄLL.NR BEST.NR | KPL QTY ST ST | NIMITYS | DESCRIPTION | BENÄMNING | BEZEICHNUNG |
|---------------------------|--|------------------------|----------------------|----------------------|----------------------|----------------------|
| 1 | 65664 | 2 | PUTKENKIINNITIN STD | ELBOW FITTING 45 DEG | VINKELKOPPLING 45 GR | WINKEL-VERSCHR. 45 G |
| 2 | A412398 | 1 | KAUKO-OHJAIMEN KIINN | MOUNTING BRACKET, 20 | FASTE, 200 SERIE, ST | AUFNAHME, 200 SER. S |
| 3 | 72779 | 4 | SIIPIMUTTERI | WING NUT M6 | VINGMUTTER M6 | FLÜGELMUTTER M6 |
| 4 | 72132 | 2 | KUUSIORUUVI ZN | HEXAGONAL SCREW M 8 | SESKANTSKRUV M 8×2 | SECHSKANTSCHRAUBE M8 |
| 5 | 73122 | 4 | ALUSLEVY M 8 | WASHER M8 A8 | BRICKA M8 A8 | UNTERLEGSCHIEBE M8 |
| 6 | 72320 | 2 | KUUSIOMUTTERI ZN | NUT M8 NYLOC DIN 98 | SESKANTMUTTER M8 NY | SECHSKANTMUTTER M 8 |



Publication 117
December 2007
Part No. 1090850

SWINGTRIM

Swingover Cutterbar Trimmer



Parts Manual





SWINGTRIM PARTS MANUAL

Always Use Genuine Parts

McConnel Genuine Parts are designed and tested specifically for use on our machines - the use of non-genuine parts is not advisable as this can affect both the performance and warranty on the machine.

Parts Ordering

When ordering parts please quote the following information:

- *Machine Model & Specification.*
- *Machine Serial No.*
- *Make & Model of tractor to which the machine is fitted.*
- *Dealer Order Number.*

This information will speed up the ordering process and ensure that the correct parts for the machine are ordered.

Parts can be ordered direct by:

Telephone: 01584 876888

Fax: 01584 876463

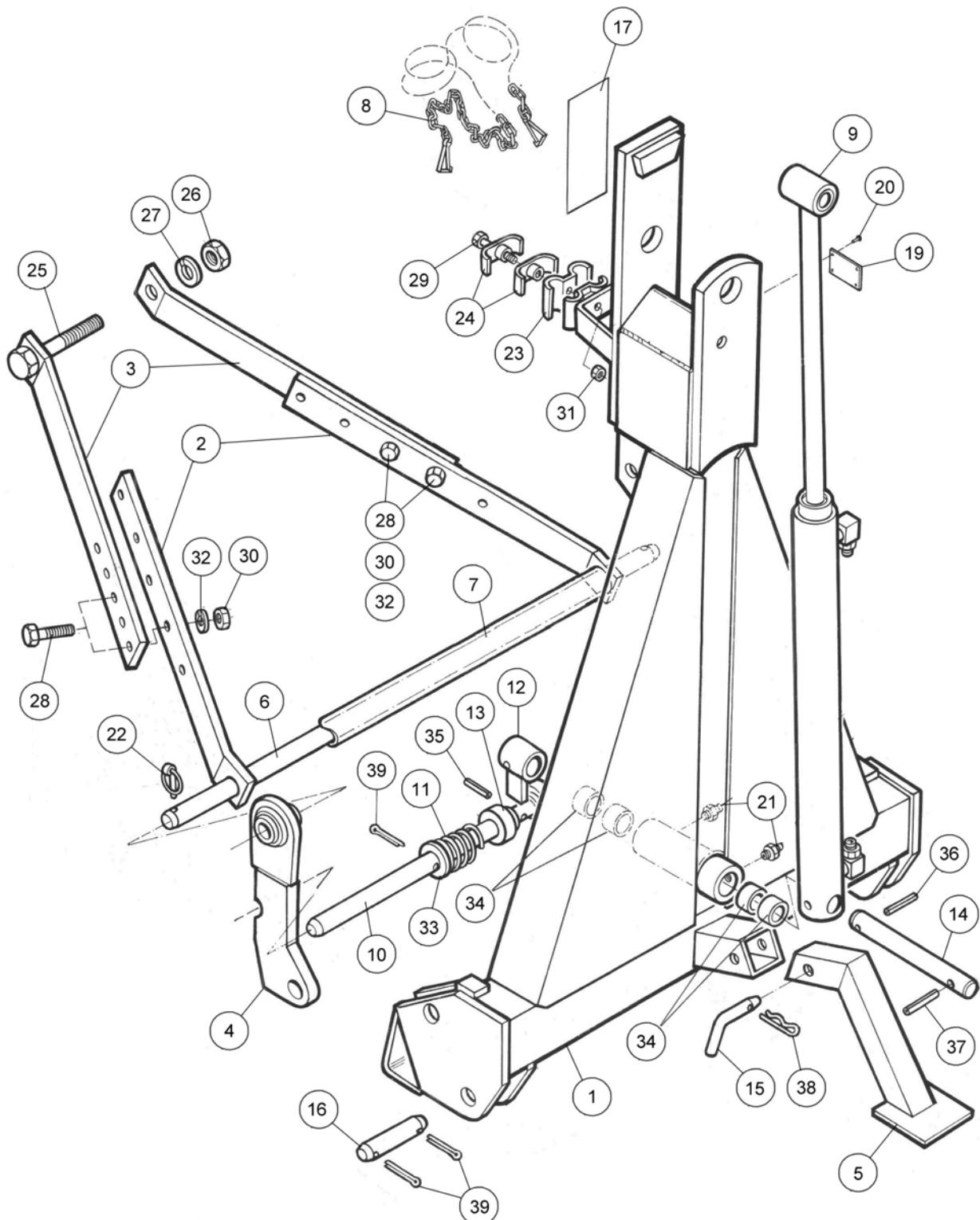
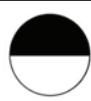
Email: parts@mcconnel.com

Online: www.mcconnel.com

We continually strive to better our products in both performance and value through a continual programme of re-design and testing – where applicable, if an existing part has been superseded by an updated version, the latter will always be supplied.

LIST OF CONTENTS

| | <i>Page No.</i> |
|--|-----------------|
| Mainframe Assembly – <i>Rear Mounted</i> | 1 |
| Mainframe Assembly – <i>Front Mounted</i> | 3 |
| Main Arm Assembly | 5 |
| Dipper Arm Assembly | 7 |
| Cutterbar Mounting & Drive Assembly | 9 |
| Cutterbar – 122cm (4 ft.) <i>build</i> | 11 |
| Cutterbar – 148cm (5 ft.) <i>build</i> | 13 |
| Low Flow Motor (20 L/Min) | 17 |
| High Flow Motor (30 L/Min) | 19 |
| Ram Assemblies – Standard Ø40mm Lift, Reach & Angle Rams | 21 |
| Ram Assembly – Alternative Ø50mm Lift Ram | 23 |
| Cable Control Valve Assembly | 25 |
| Cable Controls | 27 |
| Proportional Control Valve Assembly | 29 |
| Restrictors – <i>Proportional Controls</i> | 31 |
| Proportional Control Unit – <i>Mini Single lever</i> | 33 |
| Valve Mounting – <i>Cable Valve</i> | 35 |
| Valve Mounting & Cover – <i>Proportional Valve</i> | 36 |
| Hydraulic Hose Installation | 37 |
| Pump and Tank Kit Assemblies – <i>Optional</i> | 39 |



Swingtrim

MAINFRAME (REAR MOUNTED)



| REF. | QTY. | PART NO. | DESCRIPTION |
|---------------------------|------|----------|--------------------------------|
| MAINFRAME ASSEMBLY | | | |
| 1 | 1 | 1090260 | MAIN FRAME |
| 2 | 2 | 1090270 | STABILIZER - LOWER |
| 3 | 2 | 1090269 | STABILIZER - UPPER |
| 4 | 2 | 1090022 | SWING LINK |
| 5 | 1 | 1090263 | STAND LEG |
| 6 | 1 | 1090025 | MOUNTING BAR |
| 7 | 1 | 1090384 | SPACER TUBE |
| 8 | 1 | 1090045 | STOWAGE CHAIN |
| 9 | 1 | 1090305 | LIFT RAM ASSEMBLY - BSP Models |
| | 1 | 1090306 | LIFT RAM ASSEMBLY - JIC Models |
| 10 | 1 | 1090264 | INTERLOCK BAR |
| 11 | 2 | 1090050 | INTERLOCK SPRING |
| 12 | 1 | 1090039 | INTERLOCK LEVER |
| 13 | 2 | 1090024 | INTERLOCK SLEEVE |
| 14 | 1 | 1090044 | PIN - LIFT RAM BASE |
| 15 | 1 | 1090051 | PIN |
| 16 | 2 | 1090023 | PIN |
| 17 | 1 | 1290004 | DECAL - OPERATIONAL SAFETY |
| 18 | 1 | 1290270 | DECAL - CONTROL |
| 19 | 1 | 1090052 | SERIAL No. PLATE |
| 20 | 4 | 7103230 | POP RIVET |
| 21 | 2 | 0901121 | GREASER |
| 22 | 2 | 0431217 | LYNCH PIN |
| 23 | 1 | 6012026 | HOSE CLAMP |
| 24 | 2 | 7114076 | HOSE CLAMP |
| 25 | 1 | 0211327 | BOLT |
| 26 | 1 | 0111007 | NUT |
| 27 | 1 | 0100207 | SPRING WASHER |
| 28 | 4 | 9313087 | SETSCREW |
| 29 | 1 | 9213165 | BOLT |
| 30 | 4 | 9113007 | NUT |
| 31 | 1 | 9143005 | SELF-LOCKING NUT |
| 32 | 4 | 9100207 | SPRING WASHER |
| 33 | 2 | 0100107 | PLAIN WASHER |
| 34 | 4 | 7012037 | BUSH |
| 35 | 1 | 0425525 | SPRING DOWEL |
| 36 | 1 | 0425640 | SPRING DOWEL |
| 37 | 1 | 0428150 | SPRING DOWEL |
| 38 | 1 | 0431104 | SPRING COTTER |
| 39 | 6 | 9501326 | SPLIT PIN |

Swingtrim

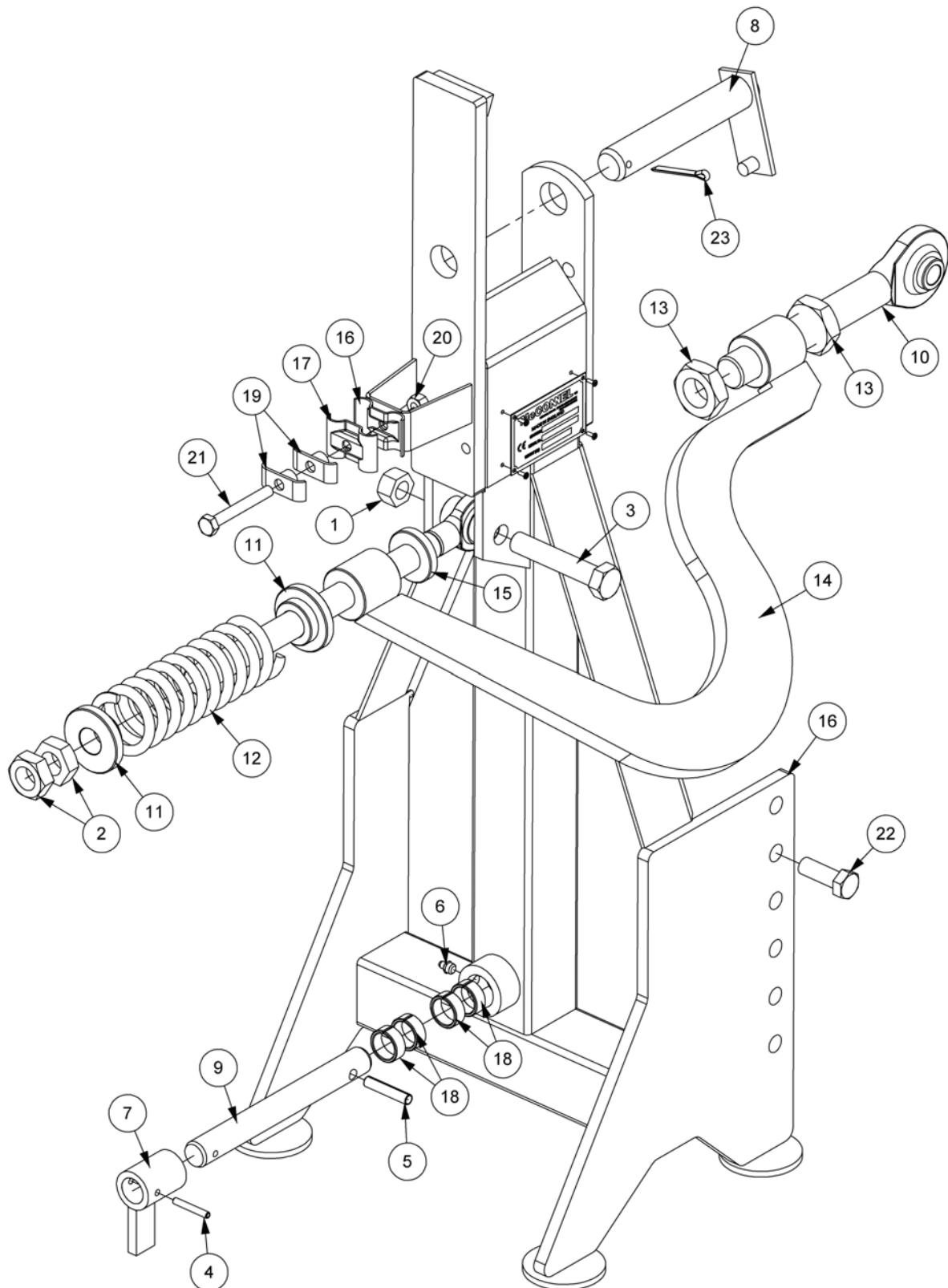
MAINFRAME (FRONT MOUNTED)



MC CONNELL

Module:

1090701



Swingtrim**MAINFRAME (FRONT MOUNTED)**

| REF. | QTY. | PART NO. | DESCRIPTION |
|------|------|----------|-------------------------|
| | | 1090701 | FRONT MOUNTED MAINFRAME |
| 1 | 1 | 0111007 | NUT |
| 2 | 2 | 0131009 | THIN NUT |
| 3 | 1 | 0211327 | BOLT |
| 4 | 1 | 0425640 | SPRING DOWEL |
| 5 | 1 | 0428150 | SPRING DOWEL |
| 6 | 2 | 0901121 | GREASE NIPPLE |
| 7 | 1 | 1090039 | INTERLOCK LEVER |
| 8 | 1 | 1090042 | PIVOT PIN |
| 9 | 1 | 1090044 | PIN - LIFT RAM BASE END |
| 10 | 1 | 1090141 | BALL END - CAT 1 |
| 11 | 2 | 1090142 | SPRING SUPPORT |
| 12 | 1 | 1090147 | BREAKAWAY SPRING |
| 13 | 2 | 1090148 | NUT |
| 14 | 1 | 1090342 | TOP LINK |
| 15 | 1 | 1090344 | BREAKAWAY ROD |
| 16 | 1 | 1090372 | MAINFRAME |
| 17 | 1 | 6012026 | PIPE CLAMP |
| 18 | 4 | 7012037 | TENSION BUSH |
| 19 | 2 | 7114076 | HOSE CLAMP - LOWER |
| 20 | 1 | 9143005 | SELF-LOCKING NUT |
| 21 | 1 | 9213165 | BOLT |
| 22 | 2 | 9313097 | SETSCREW |
| 23 | 1 | 9501507 | SPLIT PIN |

Swingtrim

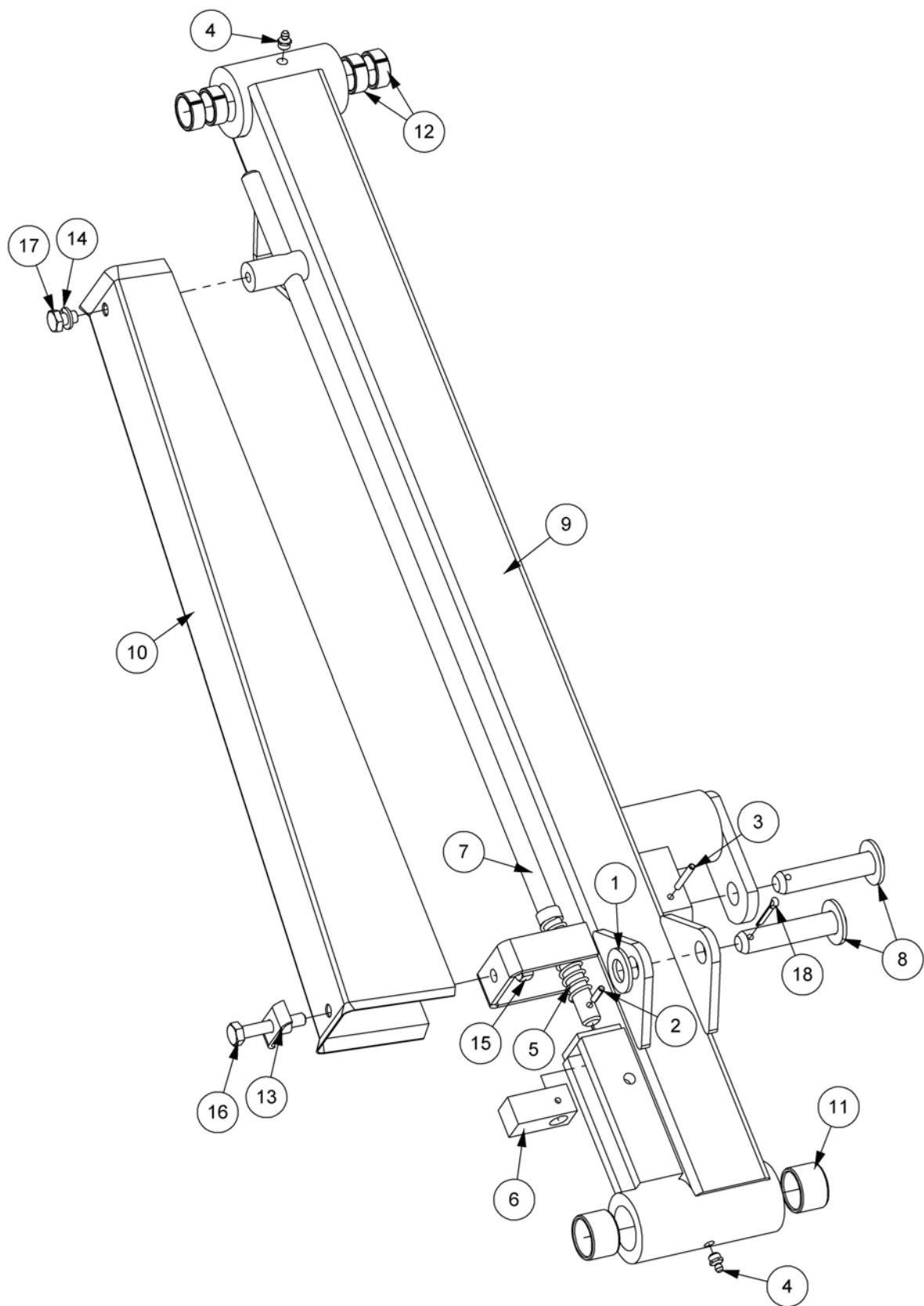
MAIN ARM ASSEMBLY



McDONNELL

Module:

1090702



Swingtrim**MAIN ARM ASSEMBLY**

| REF. | QTY. | PART NO. | DESCRIPTION |
|-------------|-------------|-----------------|--------------------------------------|
| | | 1090702 | FRONT MOUNT MAIN ARM ASSEMBLY |
| 1 | 1 | 0100107 | FLAT WASHER |
| 2 | 1 | 0425522 | SPRING DOWEL |
| 3 | 1 | 0425540 | SPRING DOWEL |
| 4 | 2 | 0901121 | GREASE NIPPLE |
| 5 | 1 | 1090003 | INTERLOCK SPRING |
| 6 | 1 | 1090040 | INTERLOCK BLOCK |
| 7 | 1 | 1090041 | ARM INTERLOCK BAR |
| 8 | 2 | 1090043 | RAM PIN |
| 9 | 1 | 1090262 | MAIN ARM |
| 10 | 1 | 1090283 | HOSE GUARD |
| 11 | 2 | 6012032 | BUSH (PLASTIC) |
| 12 | 4 | 7012037 | TENSION BUSH |
| 13 | 1 | 7114076 | HOSE CLAMP - LOWER |
| 14 | 1 | 9100205 | SPRING WASHER |
| 15 | 1 | 9143005 | SELF-LOCKING NUT |
| 16 | 1 | 9213125 | BOLT |
| 17 | 1 | 9313035 | SETSCREW |
| 18 | 1 | 9501326 | SPLIT PIN |

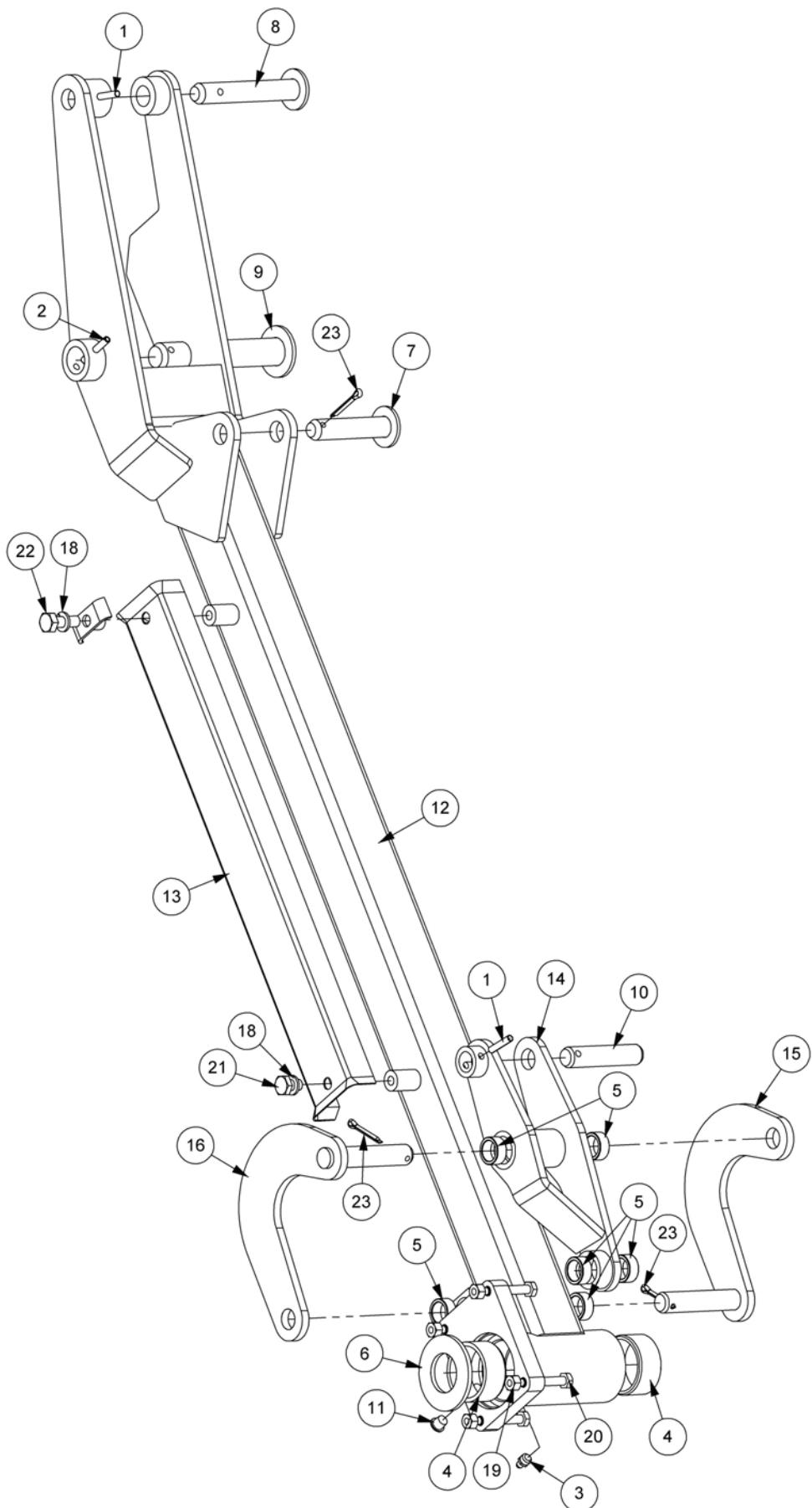
Swingtrim

DIPPER ARM ASSEMBLY



Module:

1090703

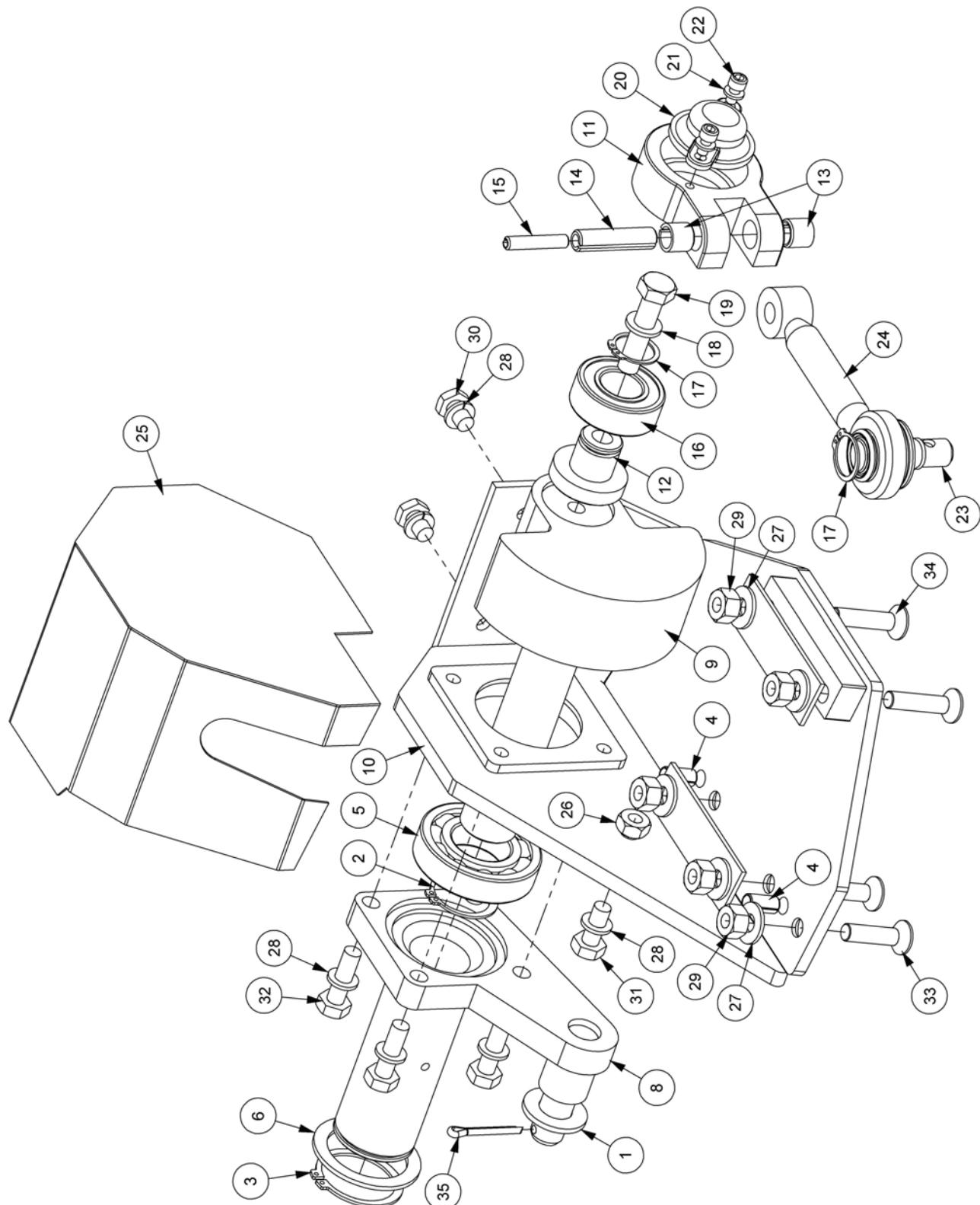


Swingtrim**DIPPER ARM ASSEMBLY**

| REF. | QTY. | PART NO. | DESCRIPTION |
|------|------|----------|---------------------------------|
| | | 1090703 | FRONT MOUNT DIPPER ARM ASSEMBLY |
| 1 | 2 | 0425630 | SPRING DOWEL |
| 2 | 1 | 0425640 | SPRING DOWEL |
| 3 | 1 | 0901121 | GREASE NIPPLE |
| 4 | 2 | 1090001 | HINGE BEARING |
| 5 | 6 | 1090002 | BUSH |
| 6 | 1 | 1090038 | MOTOR LOCATING RING |
| 7 | 1 | 1090043 | RAM PIN |
| 8 | 1 | 1090046 | REACH RAM PIN (ROD END) |
| 9 | 1 | 1090047 | PIVOT PIN |
| 10 | 1 | 1090048 | ANGLE RAM PIN (ROD END) |
| 11 | 1 | 1090103 | PLASTIC TAPERED PLUG |
| 12 | 1 | 1090265 | DIPPER ARM |
| 13 | 1 | 1090282 | HOSE GUARD |
| 14 | 1 | 1090279 | SLAVE LINK |
| 15 | 1 | 1090280 | RADIUS ARM - FRONT |
| 16 | 1 | 1090281 | RADIUS ARM - REAR |
| 17 | 1 | 7114076 | HOSE CLAMP - LOWER |
| 18 | 2 | 9100205 | SPRING WASHER |
| 19 | 4 | 9143004 | SELF-LOCKING NUT |
| 20 | 4 | 9213104 | BOLT |
| 21 | 1 | 9313035 | SETSCREW |
| 22 | 1 | 9313065 | SETSCREW |
| 23 | 3 | 9501326 | SPLIT PIN |

Module:

1090704

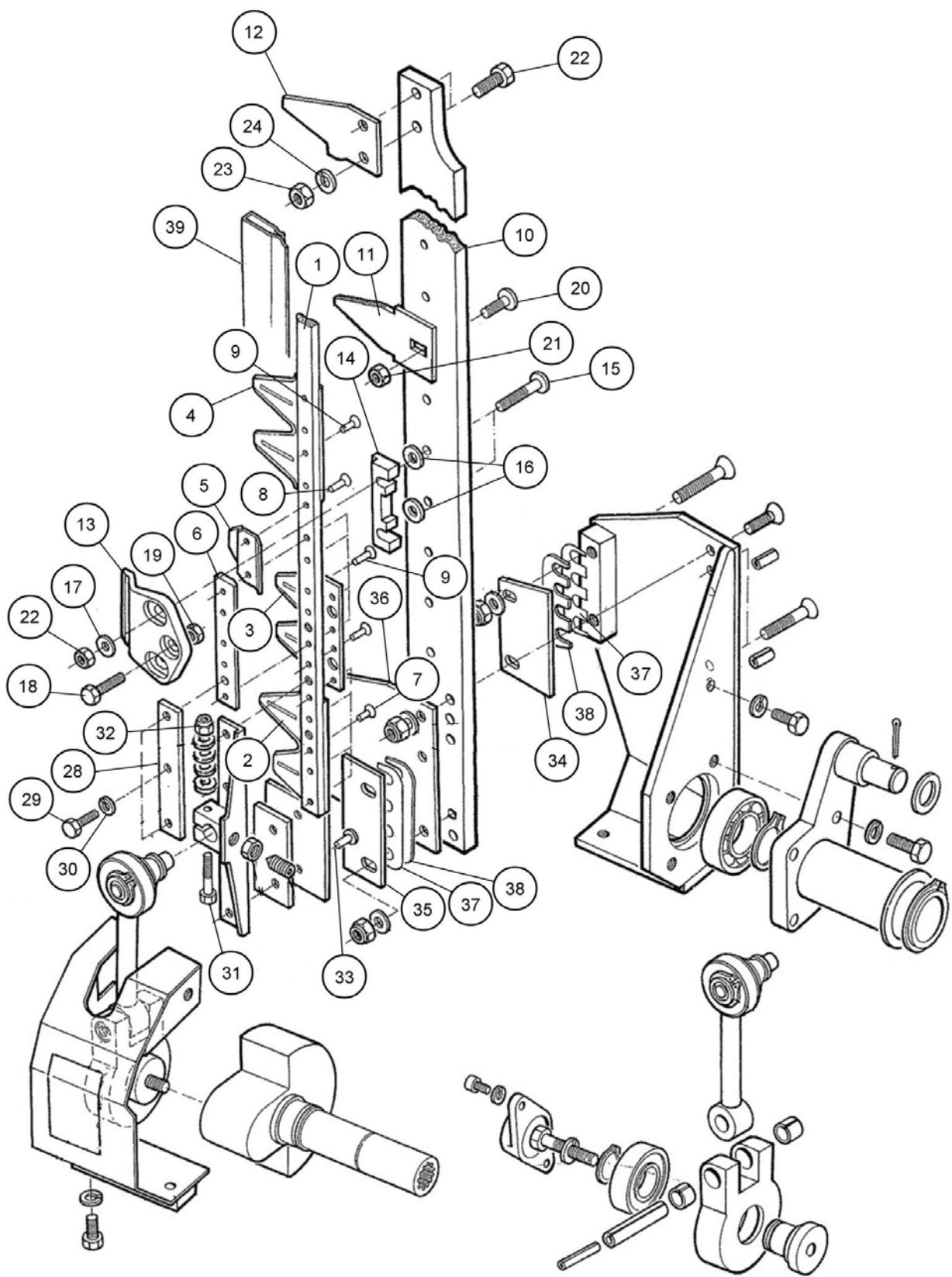


Swingtrim**CUTTERBAR MOUNTING**

| REF. | QTY. | PART NO. | DESCRIPTION |
|-------------|-------------|-----------------|------------------------------------|
| | | 1090704 | CUTTERBAR MOUNTING ASSEMBLY |
| 1 | 1 | 0100107 | FLAT WASHER |
| 2 | 1 | 0406235 | EXTERNAL CIRCLIP |
| 3 | 1 | 0406247 | EXTERNAL CIRCLIP |
| 4 | 2 | 0428120 | SPRING DOWEL |
| 5 | 1 | 0600073 | BALL BEARING |
| 6 | 1 | 1090037 | RETAINING WASHER |
| 7 | 2 | 1090102 | SPACER SHIM |
| 8 | 1 | 1090277 | PIVOT TUBE |
| 9 | 1 | 1090278 | CRANKSHAFT |
| 10 | 1 | 1090284 | CUTTERBAR MOUNTING BRACKET |
| | | 1090295 | CONNECTING ROD ASSEMBLY c/o: |
| 11 | 1 | 1090056 | BEARING |
| 12 | 1 | 1090057 | SPIGOT |
| 13 | 2 | 1090059 | BUSH |
| 14 | 1 | 1090060 | SPRING DOWEL |
| 15 | 1 | 1090061 | SPRING DOWEL |
| 16 | 1 | 0600074 | BEARING |
| 17 | 2 | 0401225 | EXTERNAL CIRCLIP |
| 18 | 1 | 9100206 | SPRING WASHER |
| 19 | 1 | 9213116 | BOLT |
| 20 | 1 | 1090054 | BEARING CAP |
| 21 | 2 | 9100203 | SPRING WASHER |
| 22 | 2 | 9343023 | CAPSCREW |
| 23 | 1 | 1090058 | SWIVEL |
| 24 | 1 | 1090055 | CON ROD |
| 25 | 1 | 1090308 | DRIVE COVER |
| 26 | 1 | 9117005 | NUT |
| 27 | 5 | 9100105 | FLAT WASHER |
| 28 | 7 | 9100205 | SPRING WASHER |
| 29 | 5 | 9143005 | SELF-LOCKING NUT |
| 30 | 2 | 9313035 | SETSCREW |
| 31 | 1 | 9313055 | SETSCREW |
| 32 | 4 | 9313075 | SETSCREW |
| 33 | 1 | 9353085 | CAPSCREW |
| 34 | 4 | 9353095 | CAPSCREW |
| 35 | 1 | 9501326 | SPLIT PIN |

Module:

1090290



Swingtrim

CUTTERBAR - 122cm (4ft.) Hedge

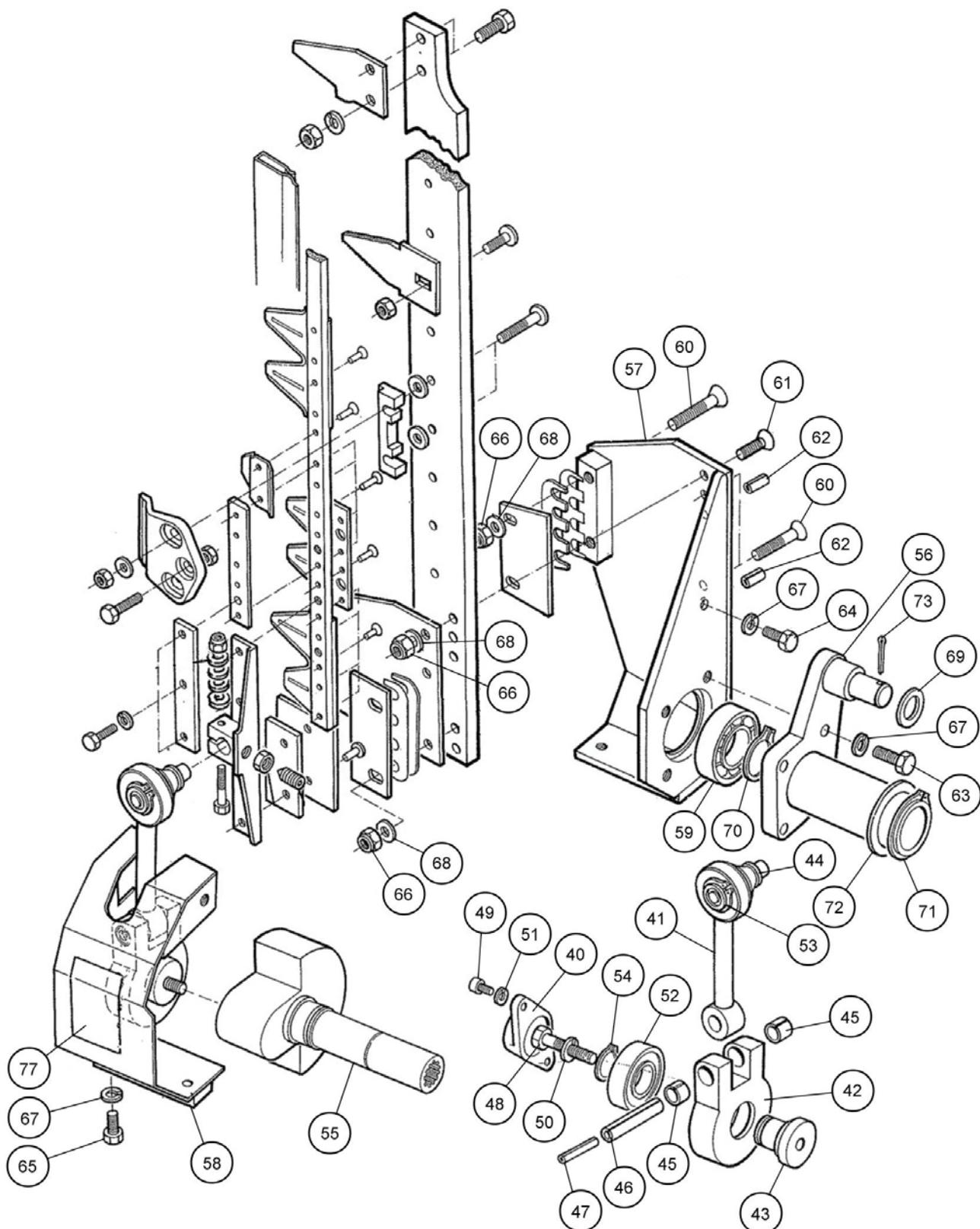


| REF. | QTY. | PART NO. | DESCRIPTION |
|------|----------|----------|--|
| | | 1090290 | 122cm CUTTERBAR ASSEMBLY |
| | | 1090291 | KNIFE ASSEMBLY - <i>Items 1-24</i> |
| 1 | 1 | 1090070 | KNIFE BACK |
| 2 | 1 | 1090066 | KNIFE SECTION |
| 3 | 1 | 1090065 | KNIFE SECTION |
| 4 | 10 | 1090067 | KNIFE SECTION |
| 5 | 4 | 1090068 | ABUTMENT PLATE |
| 6 | 1 | 1090069 | REINFORCEMENT STRIP |
| 7 | 5 | 1090062 | RIVET |
| 8 | 12 | 1090064 | RIVET |
| 9 | 31 | 1090063 | RIVET |
| 10 | 1 | 1090071 | BAR |
| 11 | 22 | 1090072 | FINGER |
| 12 | 1 | 1090080 | END FINGER |
| 13 | 4 | 1090074 | KNIFE CLIP |
| 14 | 4 | 1090075 | ABUTMENT BLOCK |
| 15 | 8 | 1090077 | DOME HEADED BOLT |
| 16 | 8 | 1090078 | PLAIN WASHER |
| 17 | 8 | 1090079 | PLAIN WASHER |
| 18 | 4 | 9313054 | SETSCREW |
| 19 | 4 | 9143004 | SELF-LOCKING NUT |
| 20 | 14 | 1090073 | DOME HEADED BOLT |
| 21 | 22 | 9113004 | NUT |
| 22 | 2 | 9313055 | SETSCREW |
| 23 | 2 | 9113005 | NUT |
| 24 | 2 | 9100205 | SPRING WASHER |
| | | 1090292 | KNIFE HEEL ASSEMBLY - <i>Items 25-33</i> |
| 25 | 1 | 1090081 | KNIFE HEEL |
| 26 | 1 | 1090082 | WEAR PLATE |
| 27 | 1 | 1090083 | WEAR PLATE |
| 28 | 1 | 1090085 | DISTANCE PIECE |
| 29 | 3 | 9313044 | SETSCREW |
| 30 | 3 | 9100104 | SPRING WASHER |
| 31 | 1 | 9313084 | BOLT |
| 32 | 1 | 9143004 | SELF-LOCKING NUT |
| 33 | 2 | 1090084 | RIVET |
| 34 | 1 | 1090087 | GUIDE PLATE - FRONT |
| 35 | 1 | 1090088 | GUIDE PLATE - REAR |
| 36 | 1 | 1090086 | SOLE PLATE |
| 37 | as req'd | 1090089 | SHIM |
| 38 | as req'd | 1090090 | SHIM |
| 39 | 1 | 1090091 | KNIFE GUARD |



Module:

1090290



Swingtrim**CUTTERBAR DRIVE ASSEMBLY**

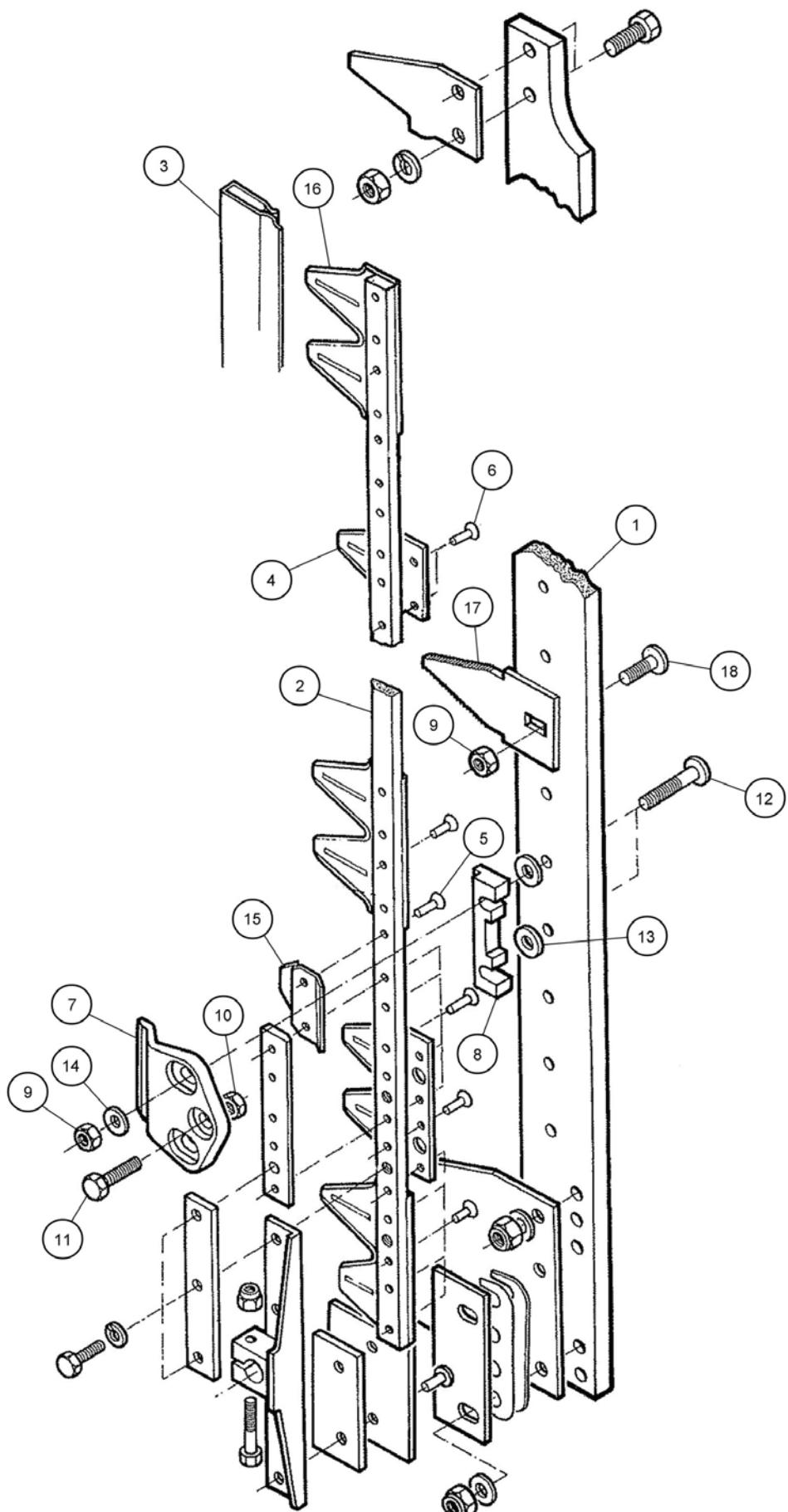
| REF. | QTY. | PART NO. | DESCRIPTION |
|-------------|-------------|-----------------|---------------------------------------|
| | | 1090295 | CON ROD ASSEMBLY - Items 40-54 |
| 40 | 1 | 1090054 | BEARING CAP |
| 41 | 1 | 1090055 | ROD |
| 42 | 1 | 1090056 | BEARING HOUSING |
| 43 | 1 | 1090057 | SPIGOT |
| 44 | 1 | 1090058 | SWIVEL |
| 45 | 2 | 1090059 | BUSH |
| 46 | 1 | 1090060 | SPRING DOWEL |
| 47 | 1 | 1090061 | SPRING DOWEL |
| 48 | 1 | 9213116 | BOLT |
| 49 | 2 | 9343023 | CAPSCREW |
| 50 | 1 | 9100206 | SPRING WASHER |
| 51 | 2 | 9100203 | SPRING WASHER |
| 52 | 1 | 0600074 | BEARING |
| 53 | 1 | 0401225 | EXTERNAL CIRCLIP |
| 54 | 1 | 0401230 | EXTERNAL CIRCLIP |
| 55 | 1 | 1090278 | CRANKSHAFT |
| 56 | 1 | 1090277 | PIVOT TUBE |
| 57 | 1 | 1090284 | CUTTERBAR MOUNTING BRACKET |
| 58 | 1 | 1090308 | DRIVE COVER |
| 59 | 1 | 0600073 | BEARING |
| 60 | 4 | 9353095 | COUNTERSUNK SETSCREW |
| 61 | 1 | 9353085 | COUNTERSUNK SETSCREW |
| 62 | 2 | 0428120 | SPRING DOWEL |
| 63 | 4 | 9313075 | SETSCREW |
| 64 | 1 | 9313055 | SETSCREW |
| 65 | 2 | 9313035 | SETSCREW |
| 66 | 5 | 9143005 | SELF-LOCKING NUT |
| 67 | 7 | 9100205 | SPRING WASHER |
| 68 | 5 | 9100105 | PLAIN WASHER |
| 69 | 1 | 0100107 | PLAIN WASHER |
| 70 | 1 | 0406235 | EXTERNAL CIRCLIP |
| 71 | 1 | 0406247 | EXTERNAL CIRCLIP |
| 72 | 1 | 1090037 | RETAINING WASHER |
| 73 | 1 | 9501326 | SLIT PIN |
| 74 | 1 | 9363044 | GRUB SCREW |
| 75 | 1 | 9113004 | PLAIN NUT |
| 76 | 4 | 1090119 | DISC SPRING |
| 77 | 1 | 1290078 | SAFETY DECAL ('KEEP FINGERS AWAY') |

OPTIONAL EXTRAS

| | | | |
|----|---|----------------|-------------------------|
| | | 1090318 | DEFLECTOR KIT |
| 78 | 1 | 1090317 | DEFLECTOR FINGER |
| 79 | 2 | 9353105 | SETSCREW |
| 80 | 2 | 9143005 | SELF-LOCKING NUT |
| | | 1090316 | CUTTING TRAY KIT |
| 81 | 1 | 1090315 | CUTTINGS TRAY |
| 82 | 2 | 9213075 | BOLT |
| 83 | 2 | 9143005 | SELF-LOCKING NUT |

Module:

1090326



Swingtrim**CUTTERBAR - 148cm (5ft.) Hedge**

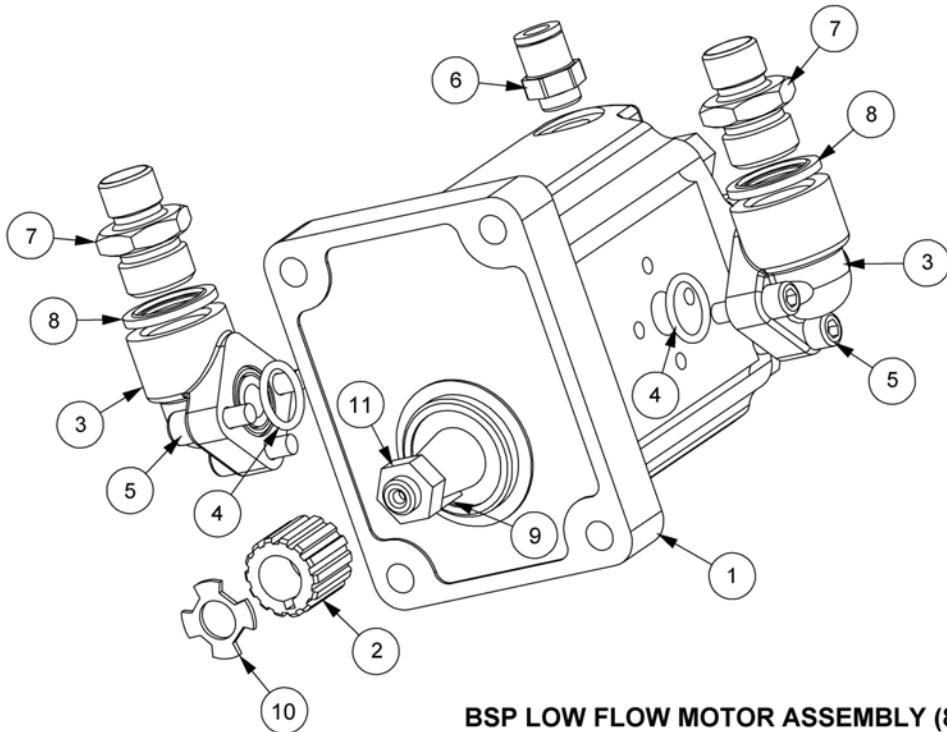
| REF. | QTY. | PART NO. | DESCRIPTION |
|------|------|----------|--|
| | | 1090326 | 148cm CUTTERBAR ASSEMBLY (without drive) |
| | | 1090327 | KNIFE ASSEMBLY |
| 1 | | 1090151 | BAR |
| 2 | | 1090150 | KNIFE BACK |
| 3 | | 1090152 | KNIFE GUARD |
| 4 | | 1090149 | KNIFE SECTION - SINGLE POINT |
| 5 | | 1090064 | RIVET |
| 6 | | 1090063 | RIVET |
| 7 | | 1090074 | KNIFE CLIP |
| 8 | | 1090075 | ABUTMENT BLOCK |
| 9 | | 9113004 | PLAIN NUT |
| 10 | | 9143004 | SELF-LOCKING NUT |
| 11 | | 9313054 | SETSCREW |
| 12 | | 1090077 | DOME HEADED BOLT |
| 13 | | 1090078 | PLAIN WASHER |
| 14 | | 1090079 | PLAIN WASHER |
| 15 | | 1090068 | ABUTMENT PLATE |
| 16 | | 1090067 | KNIFE SECTION - STD. DOUBLE POINT |
| 17 | | 1090072 | FINGER |
| 18 | | 1090073 | DOME HEADED BOLT |

NOTE: Items listed above are components specific to the 148cm cutterbar only, all other parts are common with the 122cm cutterbar - refer to 122cm cutterbar pages for details of those components.

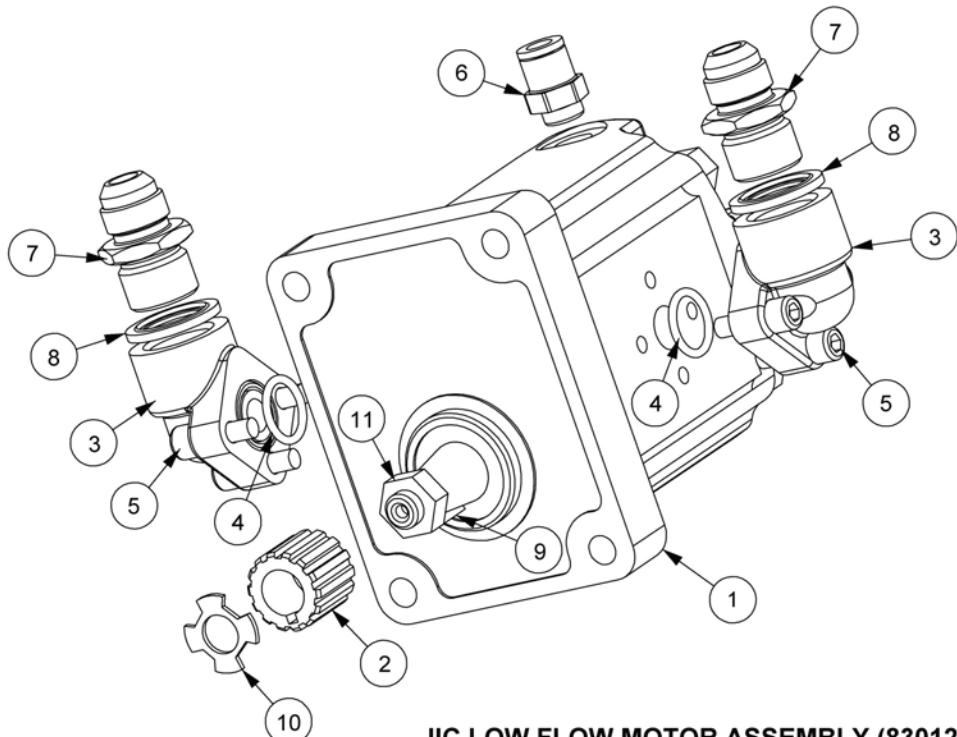
Modules:

8301266 – BSP Build

8301267 – JIC Build



BSP LOW FLOW MOTOR ASSEMBLY (8301266)



JIC LOW FLOW MOTOR ASSEMBLY (8301267)

Swingtrim

LOW FLOW MOTOR (20 L/Min)



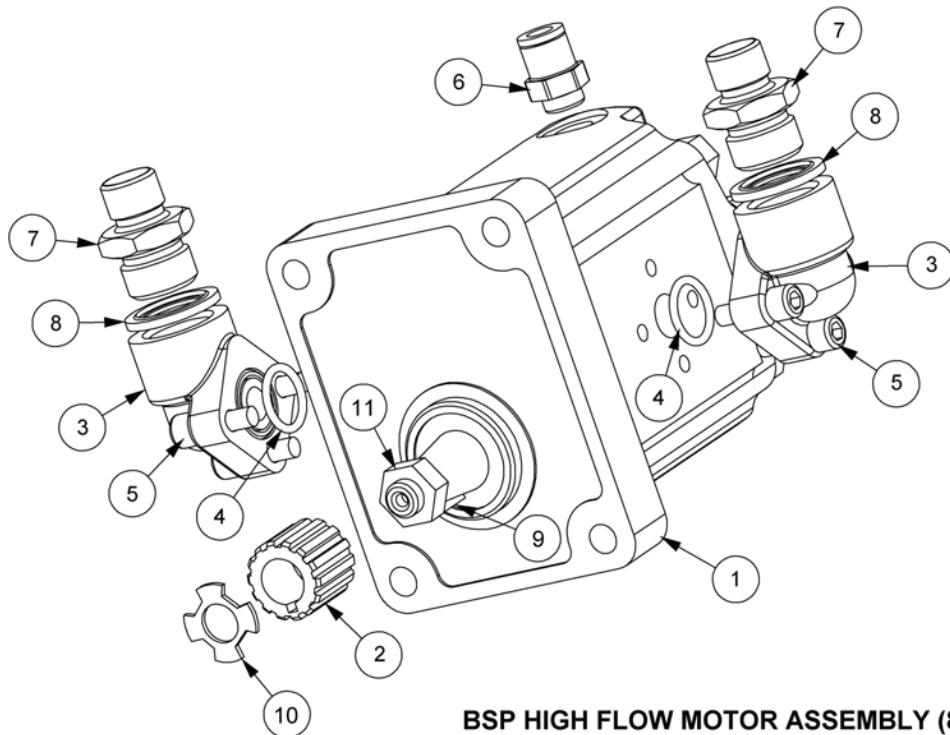
MC CONNELL

| REF. | QTY. | PART NO. | DESCRIPTION |
|------|------|----------------|--|
| | | 8301266 | BSP LOW FLOW MOTOR ASSEMBLY (20 L/Min) |
| | | 8301288 | LOW FLOW MOTOR & COUPLINGS - <i>consists of:</i> |
| 1 | 1 | 8301287 | MOTOR |
| 2 | 1 | 1090035 | SPLINED ADAPTOR |
| 3 | 2 | 8301045 | ELBOW KIT (Includes O Ring & 3 x Capscrews) |
| 4 | 2 | 8600112 | O RING |
| 5 | 6 | 9343043 | CAPSCREW |
| 6 | 1 | 8581330 | UNION |
| 7 | 2 | 6000112 | BSP ADAPTOR |
| 8 | 2 | 8650104 | BONDED SEAL |
| 9 | 1 | 8201133 | WOODRUFF KEY |
| 10 | 1 | 8201134 | TAB WASHER |
| 11 | 1 | 8201135 | SPECIAL THIN NUT |
| | | 8301267 | JIC LOW FLOW MOTOR ASSEMBLY (20 L/Min) |
| | | 8301288 | LOW FLOW MOTOR & COUPLINGS - <i>consists of:</i> |
| 1 | 1 | 8301287 | MOTOR |
| 2 | 1 | 1090035 | SPLINED ADAPTOR |
| 3 | 2 | 8301045 | ELBOW KIT (Includes O Ring & 3 x Capscrews) |
| 4 | 2 | 8600112 | O RING |
| 5 | 6 | 9343043 | CAPSCREW |
| 6 | 1 | 8581330 | UNION |
| 7 | 2 | 8120003 | JIC ADAPTOR |
| 8 | 2 | 8650104 | BONDED SEAL |
| 9 | 1 | 8201133 | WOODRUFF KEY |
| 10 | 1 | 8201134 | TAB WASHER |
| 11 | 1 | 8201135 | SPECIAL THIN NUT |
| | | 8699243 | SEAL KIT for Low Flow Motor |

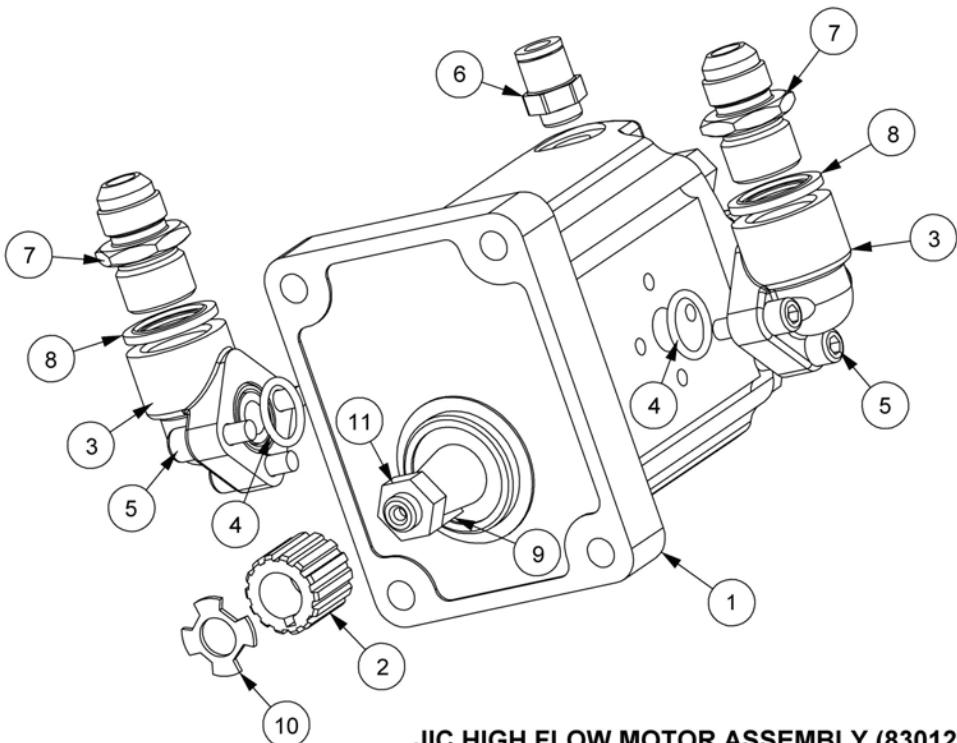
Modules:

8301269 – BSP Build

8301270 – JIC Build



BSP HIGH FLOW MOTOR ASSEMBLY (8301269)



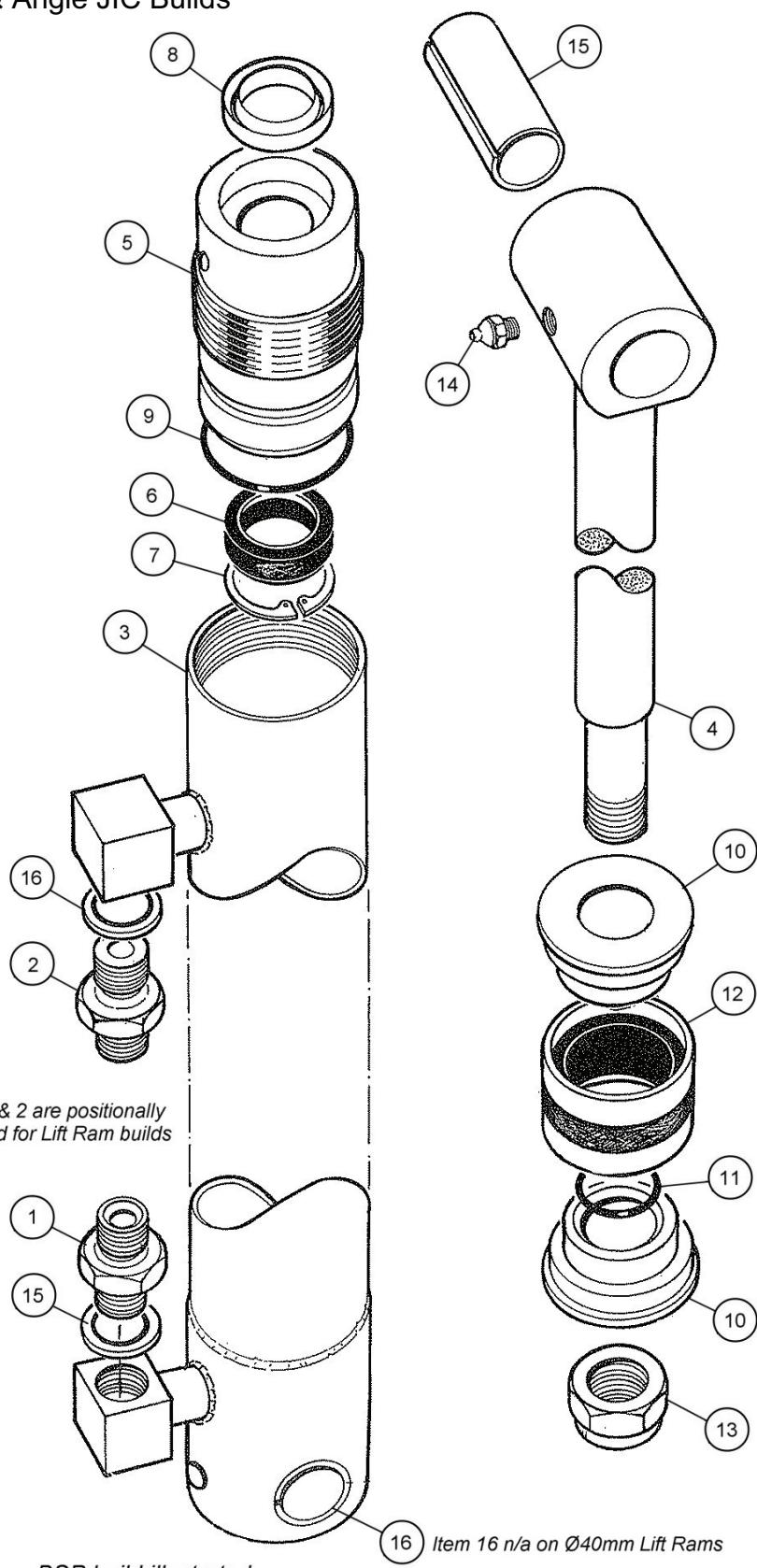
JIC HIGH FLOW MOTOR ASSEMBLY (8301270)

Swingtrim**HIGH FLOW MOTOR (30 L/Min)**

| REF. | QTY. | PART NO. | DESCRIPTION |
|---|------|----------|---|
| 8301269 BSP HIGH FLOW MOTOR ASSEMBLY (30 L/Min) | | | |
| 1 | 1 | 8301297 | HIGH FLOW MOTOR |
| 2 | 1 | 1090035 | SPLINED ADAPTOR |
| 3 | 2 | 8301045 | ELBOW KIT (Includes O Ring & 3 x Capscrews) |
| 4 | 2 | 8600112 | O RING |
| 5 | 6 | 9343043 | CAPSCREW |
| 6 | 1 | 8581330 | UNION |
| 7 | 2 | 6000112 | BSP ADAPTOR |
| 8 | 2 | 8650104 | BONDED SEAL |
| 9 | 1 | 8201133 | WOODRUFF KEY |
| 10 | 1 | 8201134 | TAB WASHER |
| 11 | 1 | 8201135 | SPECIAL THIN NUT |
| 8301270 JIC HIGH FLOW MOTOR ASSEMBLY (30 L/Min) | | | |
| 1 | 1 | 8301297 | HIGH FLOW MOTOR |
| 2 | 1 | 1090035 | SPLINED ADAPTOR |
| 3 | 2 | 8301045 | ELBOW KIT (Includes O Ring & 3 x Capscrews) |
| 4 | 2 | 8600112 | O RING |
| 5 | 6 | 9343043 | CAPSCREW |
| 6 | 1 | 8581330 | UNION |
| 7 | 2 | 8120003 | JIC ADAPTOR |
| 8 | 2 | 8650104 | BONDED SEAL |
| 9 | 1 | 8201133 | WOODRUFF KEY |
| 10 | 1 | 8201134 | TAB WASHER |
| 11 | 1 | 8201135 | SPECIAL THIN NUT |
| 8699227 SEAL KIT for High Flow Motor | | | |

Modules:

- 1090300 – Lift BSP Builds
- 1090301 – Lift JIC Build
- 1090302 – Reach & Angle BSP Builds
- 1090303 – Reach & Angle JIC Builds



Swingtrim**HYDRAULIC RAMS (Std. Ø40mm)**

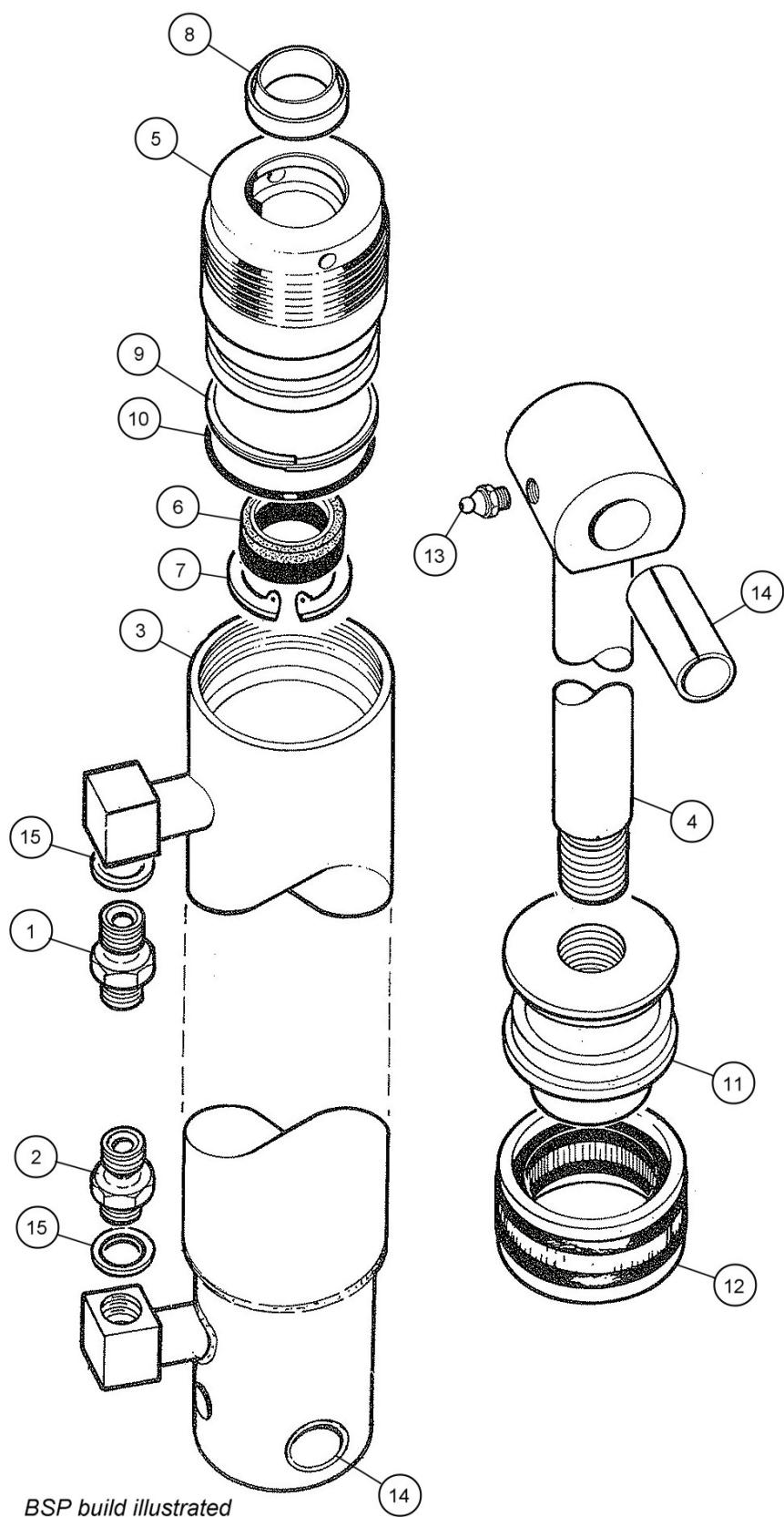
| REF. | QTY. | PART NO. | DESCRIPTION |
|-------------|-------------|-----------------|--|
| | | 1090302 | REACH & ANGLE RAMS (Ø 40mm) - BSP Build |
| | | 1090300 | LIFT RAM (Ø 40mm) - BSP Build |
| 1 | 1 | 8581145 | UNION (BSP) |
| 2 | 1 | 8130068 | RESTRICTOR UNION (BSP) |
| 3 | 1 | 1090272 | CYLINDER |
| 4 | 1 | 1090031 | PISTON ROD |
| 5 | 1 | 1090273 | GLAND NUT |
| 6 | 1 | 8629162 | GLAND SEAL |
| 7 | 1 | 0416234 | CIRCLIP |
| 8 | 1 | 8629161 | WIPER RING |
| 9 | 1 | 8600123 | O RING |
| 10 | 1 | 1090034 | PISTON |
| 11 | 1 | 8600112 | O RING |
| 12 | 1 | 8629160 | PISTON SEAL |
| 13 | 1 | 0141007 | SELF-LOCKING NUT |
| 14 | 1 | 0901121 | GREASER |
| 15 | 2 | 8650103 | BONDED SEAL |
| 16 | 2 | 1090005 | BUSH - <i>n/a on Lift Ram 1090300</i> |
| | | 8699202 | SEAL KIT |
| REF. | QTY. | PART NO. | DESCRIPTION |
| | | 1090303 | REACH & ANGLE RAMS (Ø 40mm) - JIC Build |
| | | 1090301 | LIFT RAM (Ø 40mm) - JIC Build |
| 1 | 1 | 1075115 | UNION (JIC) |
| 2 | 1 | 8130130 | RESTRICTOR UNION (JIC) |
| 3 | 1 | 1090272 | CYLINDER |
| 4 | 1 | 1090031 | PISTON ROD |
| 5 | 1 | 1090273 | GLAND NUT |
| 6 | 1 | 8629162 | GLAND SEAL |
| 7 | 1 | 0416234 | CIRCLIP |
| 8 | 1 | 8629161 | WIPER RING |
| 9 | 1 | 8600123 | O RING |
| 10 | 1 | 1090034 | PISTON |
| 11 | 1 | 8600112 | O RING |
| 12 | 1 | 8629160 | PISTON SEAL |
| 13 | 1 | 0141007 | SELF-LOCKING NUT |
| 14 | 1 | 0901121 | GREASER |
| 15 | 2 | 8650103 | BONDED SEAL |
| 16 | 2 | 1090005 | BUSH - <i>n/a on Lift Ram 1090301</i> |
| | | 8699202 | SEAL KIT |

NOTE: On Ø40mm Lift Ram assemblies 1090300 & 1090301 items 1 & 2 are positionally reversed and item 16 is not applicable. Items 3 - 15 are common to all rams listed on this page.

Modules:

1090305 – BSP Build

1090306 – JIC Build



Swingtrim**LIFT RAM (Ø50mm Alternative)**

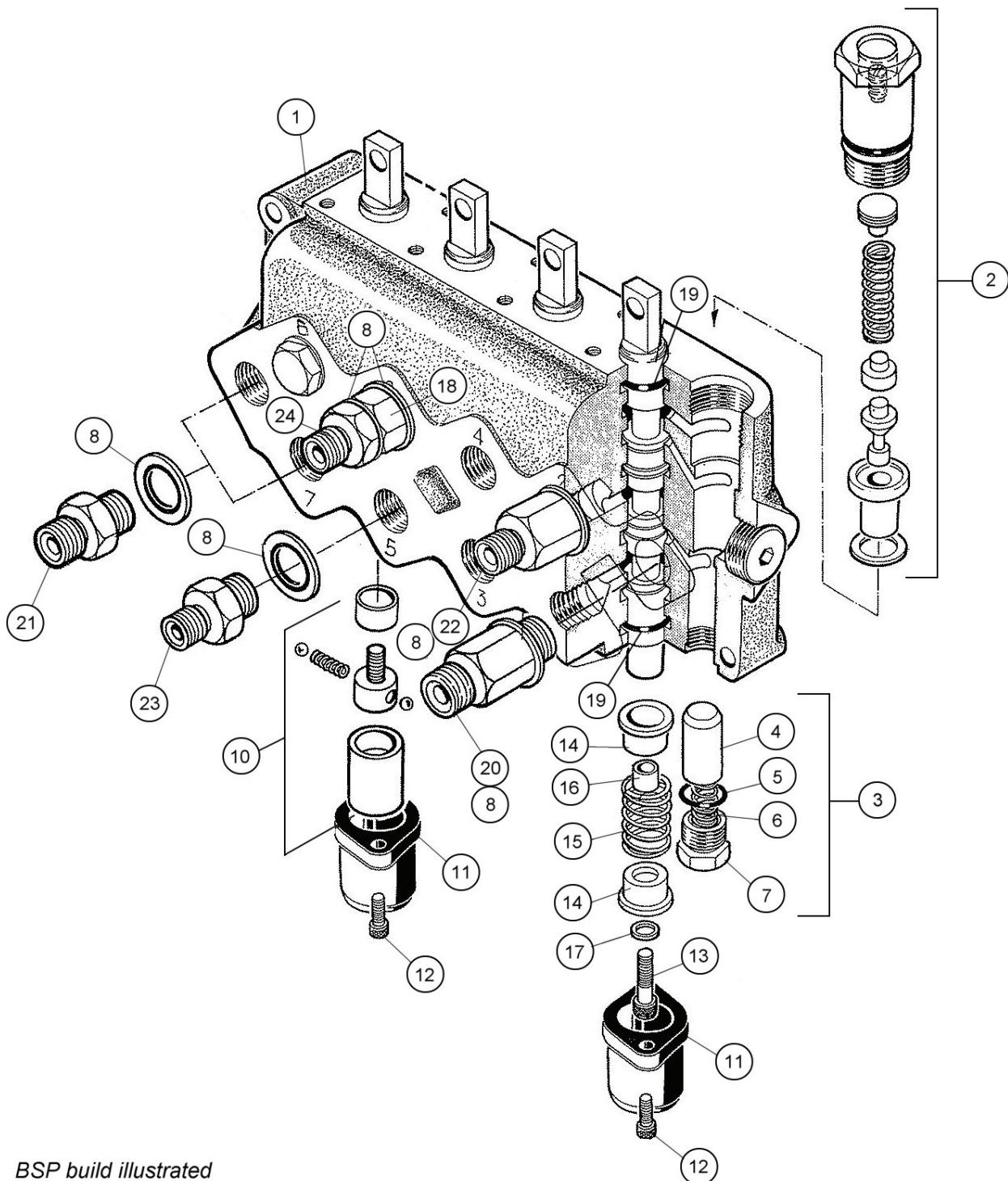
| REF. | QTY. | PART NO. | DESCRIPTION |
|-------------|-------------|-----------------|--------------------------------------|
| | | 1090305 | LIFT RAM ASSEMBLY - BSP Build |
| 1 | 1 | 8581145 | UNION (BSP) |
| 2 | 1 | 8130068 | RESTRICTOR UNION (BSP) |
| 3 | 1 | 1090275 | CYLINDER |
| 4 | 1 | 1090122 | PISTON ROD |
| 5 | 1 | 7135291 | GLAND HOUSING |
| 6 | 1 | 8629148 | GLAND SEAL |
| 7 | 1 | 0416240 | CIRCLIP |
| 8 | 1 | 8629149 | WIPER RING |
| 9 | 1 | 8609302 | AE RING |
| 10 | 1 | 8600302 | O RING |
| 11 | 1 | 7135008 | PISTON |
| 12 | 1 | 8638788 | PISTON SEAL |
| 13 | 1 | 0901121 | GREASER |
| 14 | 2 | 1090005 | BUSH |
| 15 | 2 | 8650103 | BONDED SEAL |
| | | 8699188 | SEAL KIT |
| REF. | QTY. | PART NO. | DESCRIPTION |
| | | 1090306 | LIFT RAM ASSEMBLY - JIC Build |
| 1 | 1 | 1075115 | UNION (JIC) |
| 2 | 1 | 8130130 | RESTRICTOR UNION (JIC) |
| 3 | 1 | 1090275 | CYLINDER |
| 4 | 1 | 1090122 | PISTON ROD |
| 5 | 1 | 7135291 | GLAND HOUSING |
| 6 | 1 | 8629148 | GLAND SEAL |
| 7 | 1 | 0416240 | CIRCLIP |
| 8 | 1 | 8629149 | WIPER RING |
| 9 | 1 | 8609302 | AE RING |
| 10 | 1 | 8600302 | O RING |
| 11 | 1 | 7135008 | PISTON |
| 12 | 1 | 8638788 | PISTON SEAL |
| 13 | 1 | 0901121 | GREASER |
| 14 | 2 | 1090005 | BUSH |
| 15 | 2 | 8650103 | BONDED SEAL |
| | | 8699188 | SEAL KIT |

NOTE: Items 3 to 15 are common to both BSP & JIC builds

Modules:

8130358 – BSP build

8130359 – JIC build



Swingtrim

CABLE CONTROL VALVE



| REF. | QTY. | PART NO. | DESCRIPTION |
|------|------|----------|--|
| | | 8130358 | CABLE CONTROL VALVE - BSP Models |
| | | 8130359 | CABLE CONTROL VALVE - JIC Models |
| 1 | 1 | 8130355 | BASIC VALVE - <i>complete with:</i> |
| 2 | 1 | 8130023 | MAIN RELIEF VALVE |
| 3 | 1 | 8130022 | NON-RETURN VALVE - <i>comprising of:</i> |
| 4 | 1 | 8130006 | SUPPLY CHECK VALVE |
| 5 | 1 | 8600501 | O RING |
| 6 | 1 | 8130007 | SPRING |
| 7 | 1 | 8130008 | PLUG |
| 8 | 11 | 8650103 | BONDED SEAL |
| 9 | 1 | 8130147 | RELIEF VALVE ASSEMBLY |
| 10 | 1 | 8130133 | DETENT ASSEMBLY |
| 11 | 4 | 8130002 | CENTRING SPRING COVER |
| 12 | 8 | 9343022 | CAPSCREW |
| 13 | 4 | 9383043 | SETSCREW |
| 14 | 8 | 8130003 | CENTRING SPRING CUP |
| 15 | 4 | 8130004 | CENTRING SPRING |
| 16 | 4 | 8130005 | DISTANCE PIECE |
| 17 | 4 | 8130020 | WASHER |
| 18 | 2 | 8581208 | RESTRICTOR ADAPTOR |
| 19 | 8 | 8600112 | O RING |

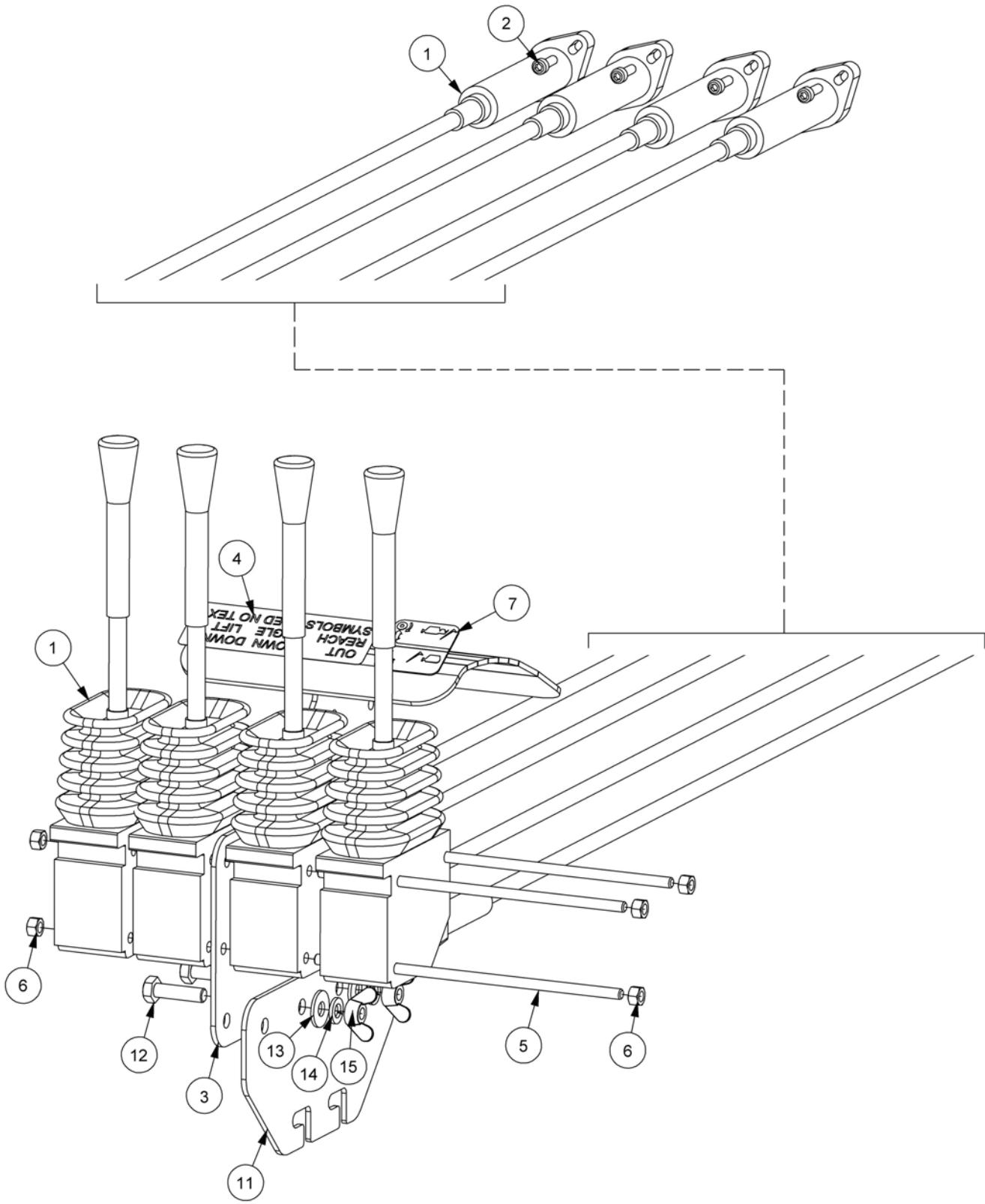
Items 1 - 19 above are common to both BSP and JIC builds, items 20 - 24 below are specific to a particular build. Select items from list 'A' for BSP build or list 'B' for JIC build.

| A | 8130358 | BSP Build |
|----|---------|--------------------------|
| 20 | 1 | 8581236 UNION (BSP) |
| 21 | 2 | 6000113 UNION (BSP) |
| 22 | 1 | 8581146 UNION (BSP) |
| 23 | 3 | 8581145 UNION (BSP) |
| 24 | 2 | 8130068 RESTRICTOR (BSP) |

| B | 8130359 | JIC Build |
|----|---------|--------------------------|
| 20 | 1 | 8581235 UNION (J/C) |
| 21 | 2 | 8581217 UNION (J/C) |
| 22 | 1 | 8581218 UNION (J/C) |
| 23 | 3 | 1075115 UNION (J/C) |
| 24 | 2 | 8130130 RESTRICTOR (J/C) |

Modules:

Sub-components of 8130358 & 8130359

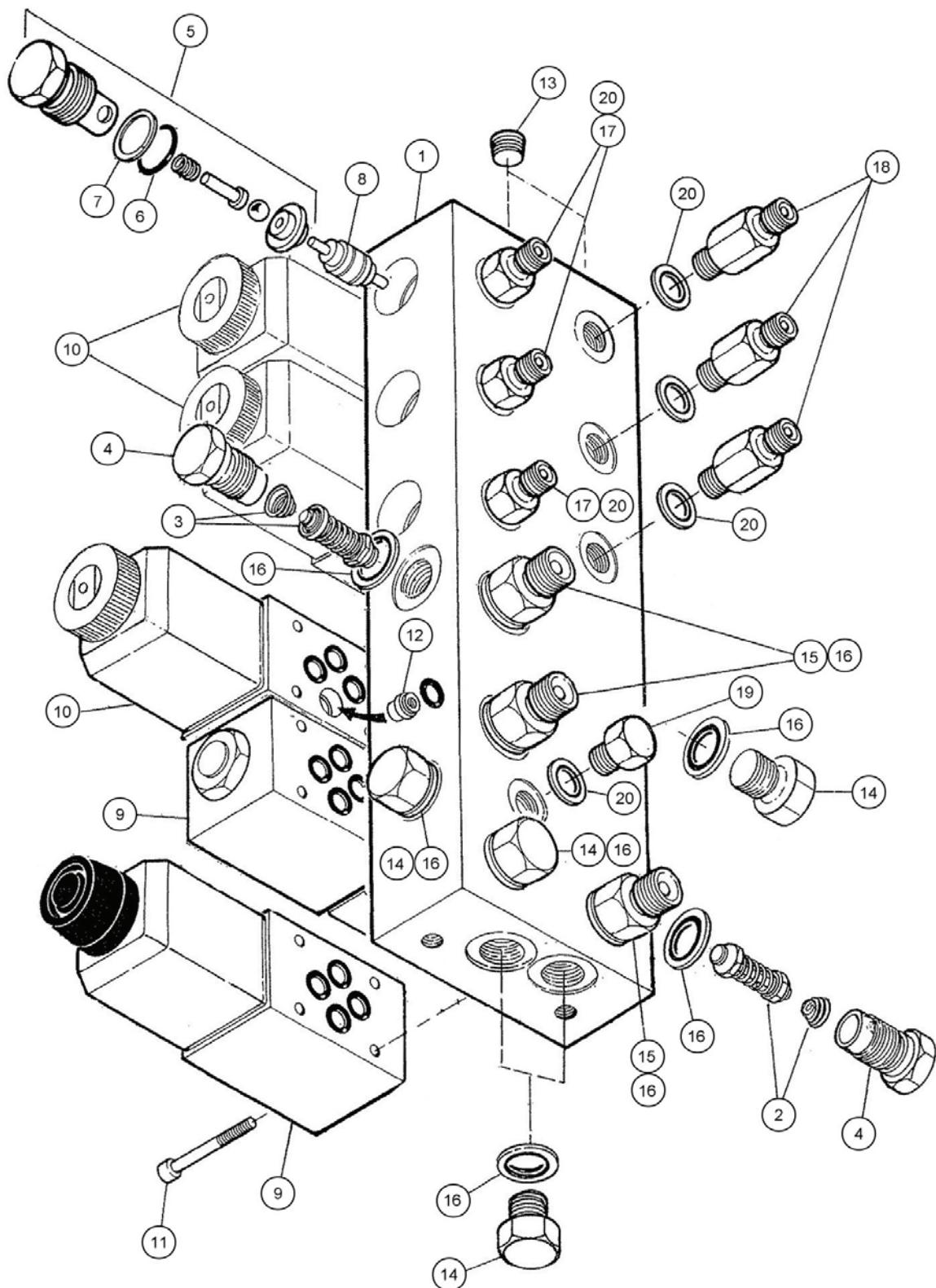


Swingtrim**CABLE CONTROLS ASSEMBLY**

| REF. | QTY. | PART NO. | DESCRIPTION |
|--------------------|---------|-----------|------------------------------------|
| Sub-components of: | 8130358 | | CABLE CONTROL VALVE - BSP Models |
| Sub-components of: | 8130359 | | CABLE CONTROL VALVE - JIC Models |
| 1 | 4 | 8017058 | CONTROL HEAD & CABLE - 2.5m |
| 2 | 8 | 9343032 | CAPSCREW |
| 3 | 1 | 7650306 | ARMREST - 4 LEVER |
| 4 | 1 | 1290368 | DECAL - CONTROL |
| 5 | 3 | 04.282.70 | STUD |
| 6 | 6 | 9143003 | SELF-LOCKING NUT |
| 7 | 1 | 1290338 | DECAL - ROTOR REVERSE |
| 8 | 1 | 09.968.99 | KNOB (RED) - Reach Control Lever |
| 9 | 1 | 8017068 | KNOB (YELLOW) - Lift Control Lever |
| 10 | 1 | 8017067 | KNOB (GREEN) - Angle Control Lever |
| 11 | 1 | 42491.01 | CAB MOUNTING BRACKET |
| 12 | 2 | 9213064 | BOLT |
| 13 | 2 | 9100104 | FLAT WASHER |
| 14 | 2 | 9100204 | SPRING WASHER |
| 15 | 2 | 9193004 | WING NUT |

Module:

1090360



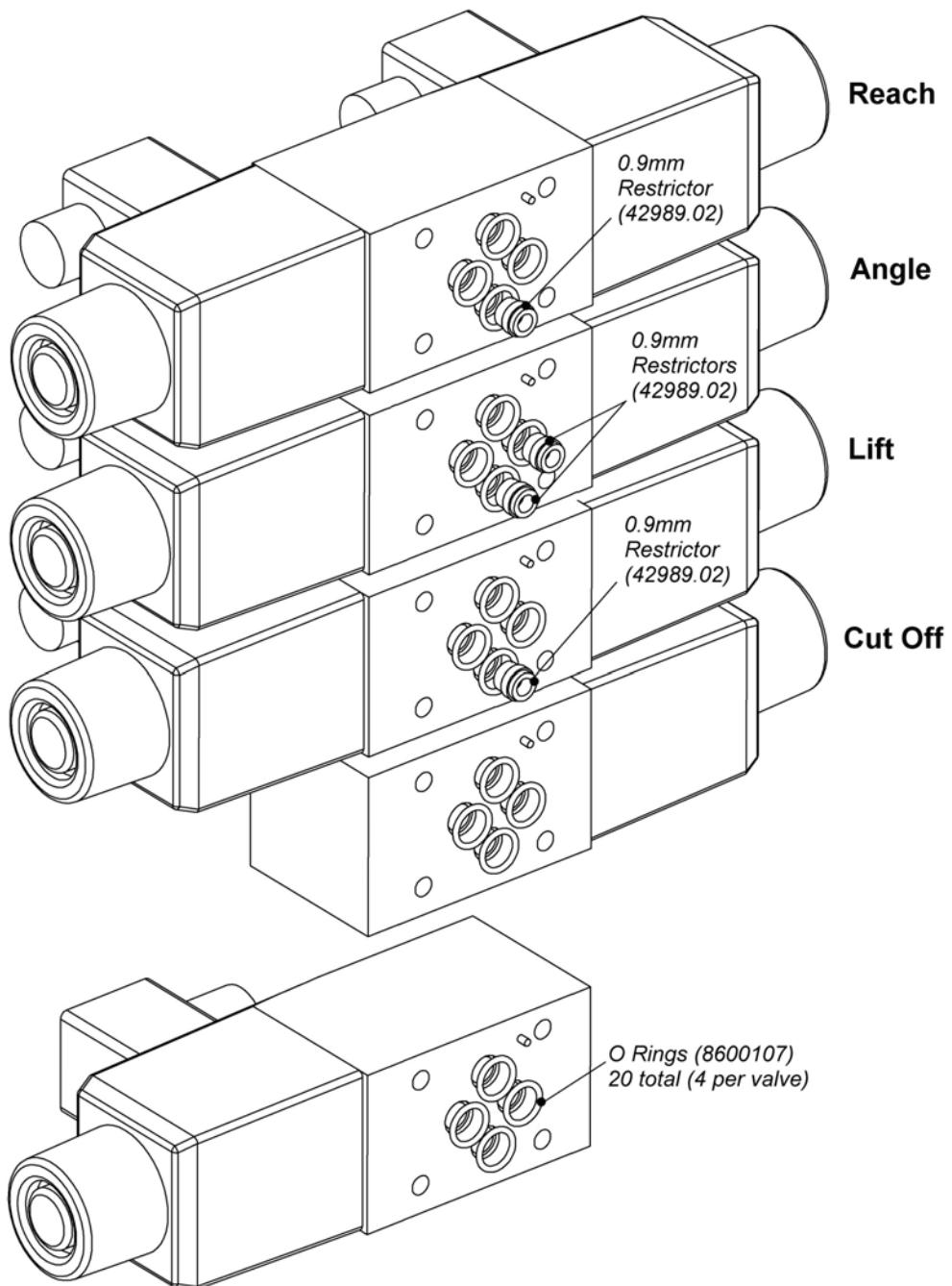
Swingtrim**PROPORTIONAL VALVE**

| REF. | QTY. | PART NO. | DESCRIPTION |
|-------------|-------------|-----------------|--------------------------------------|
| | | 1090360 | PROPORTIONAL VALVE ASSEMBLY |
| 1 | 1 | 8132276 | MANIFOLD BLOCK |
| 2 | 1 | 8130151 | RELIEF VALVE (100BAR) - Arm Services |
| 3 | 1 | 8130151 | RELIEF VALVE (100BAR) - Motor |
| 4 | 2 | 8130032 | RELIEF VALVE CAP |
| 5 | 6 | 8130090 | CHECK VALVE ASSEMBLY c/w: |
| 6 | 1 | 8700644 | O RING |
| 7 | 1 | 8709644 | AE RING |
| 8 | 3 | 8130087 | ACTUATOR |
| 9 | 2 | 8130456 | SINGLE SOLENOID VALVE |
| 10 | 3 | 41784.48 | PROPORTIONAL DOUBLE SOLENOID |
| 11 | 20 | 9243062 | CAPSCREW |
| 12 | 4 | 42989.02 | RESTRICTOR INSERT |
| 13 | 2 | 8582042 | TAPER PLUG |
| 14 | 6 | 05.433.01 | HEXAGON PLUG |
| 15 | 4 | 6000113 | UNION |
| 16 | 11 | 8650103 | BONDED SEAL |
| 17 | 3 | 8581169 | UNION |
| 18 | 3 | 8581279 | EXTENDED UNION |
| 19 | 4 | 520378 | HEXAGON PLUG |
| 20 | 10 | 8650102 | BONDED SEAL |
| | | 8699197 | SEAL KIT |

Note: Replacement O Rings for Solenoid Valves are Part No. 8600107

Module:

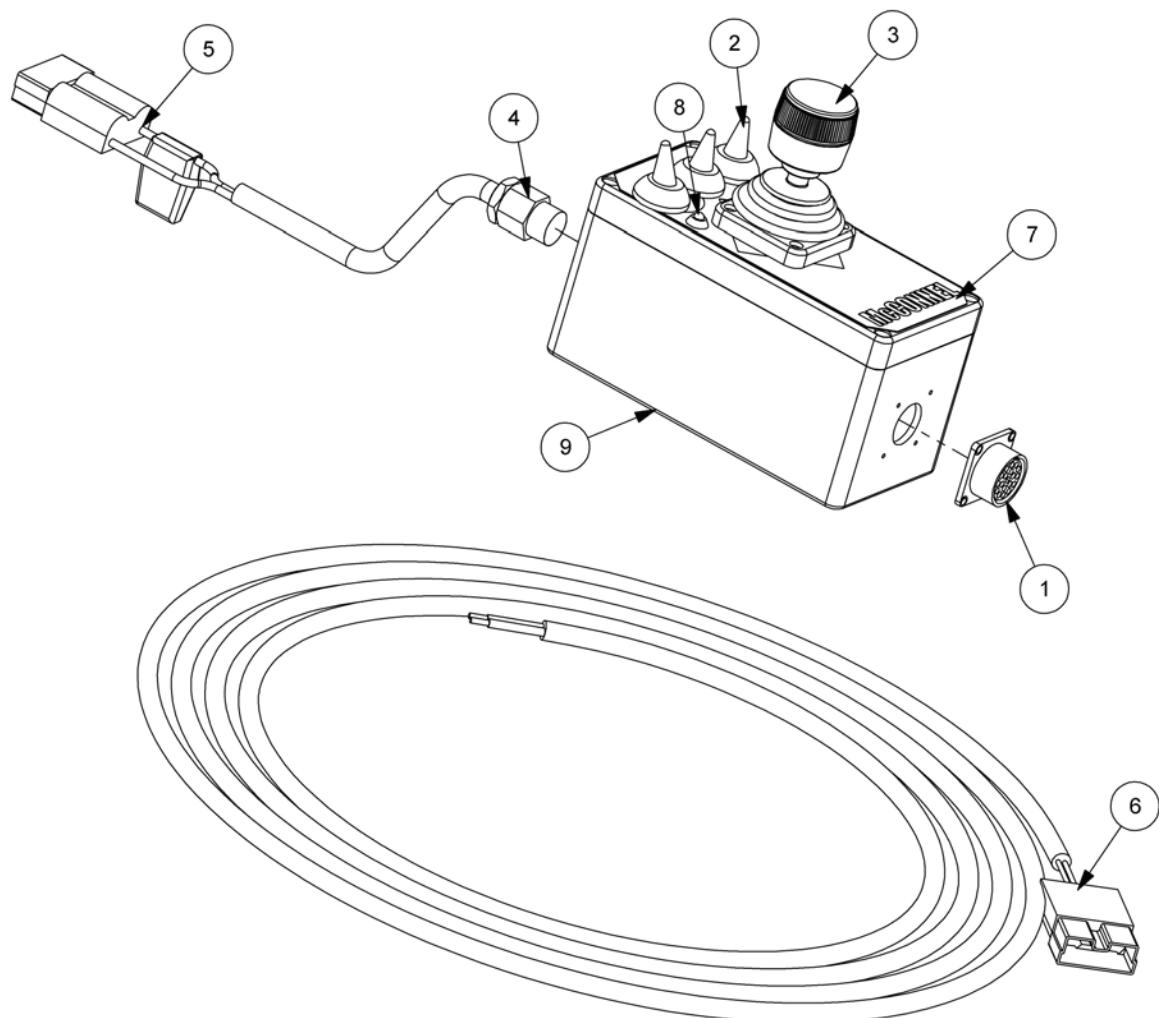
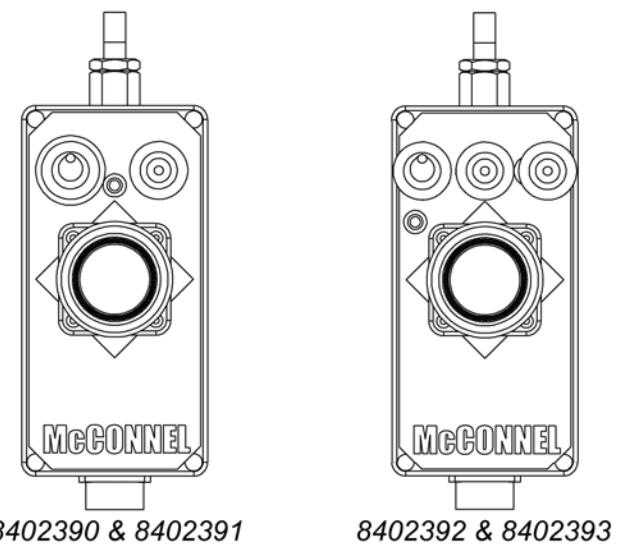
1090360 Sub-components



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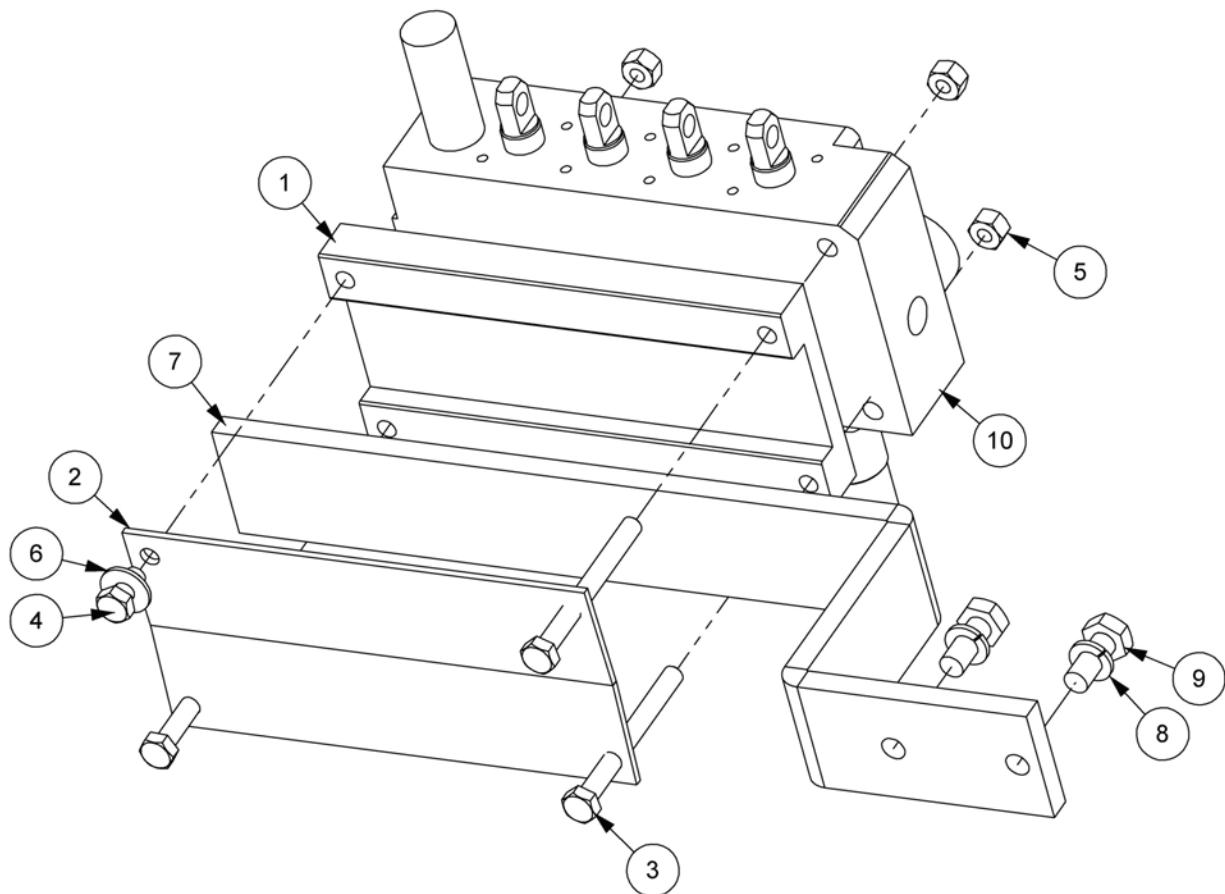
**Module:**

8402393



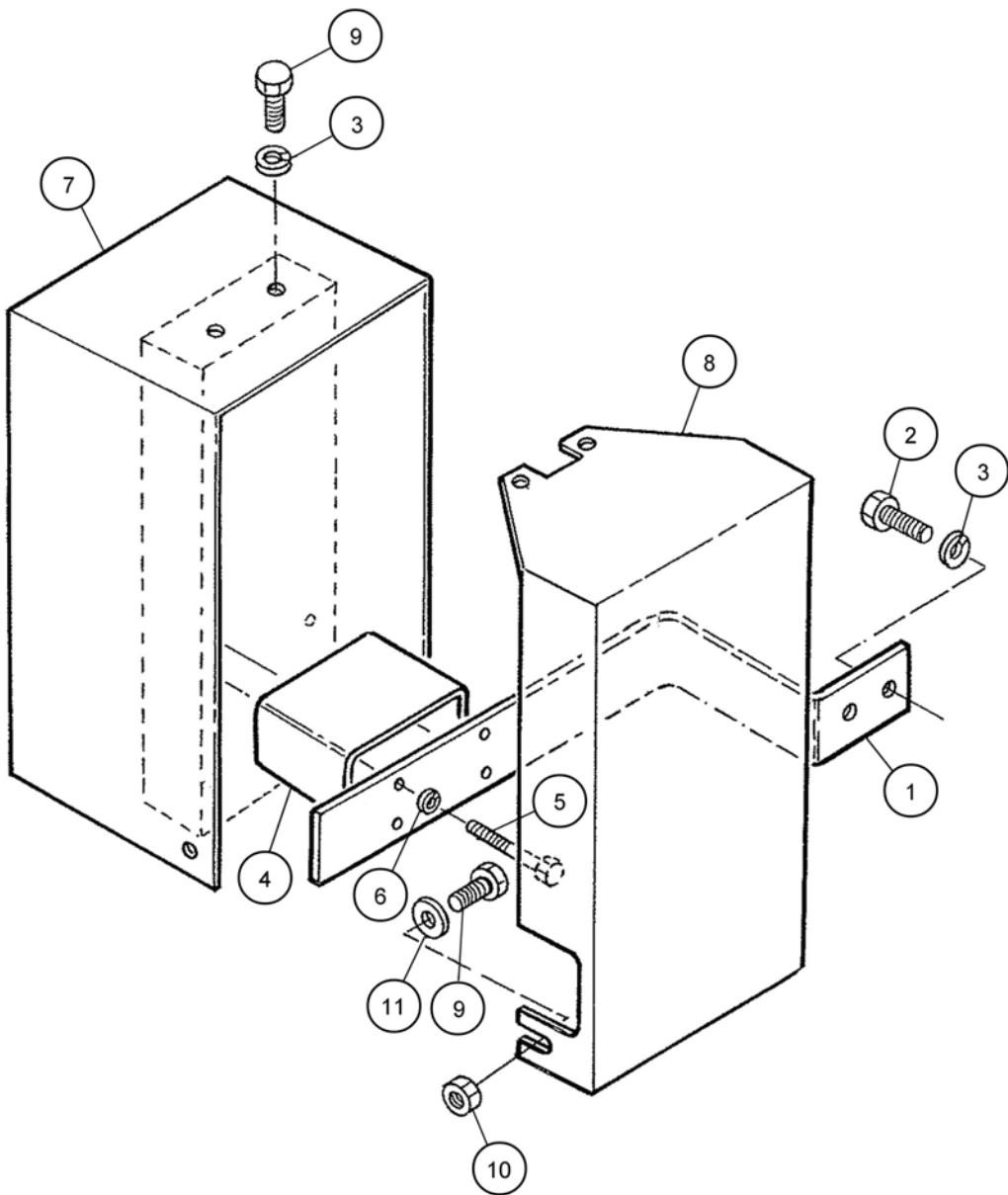
Swingtrim**PROPORTIONAL CONTROL UNIT**

| REF. | QTY. | PART No. | DESCRIPTION |
|-------------|-------------|-----------------|---|
| | | 8402393 | PROPORTIONAL CONTROL UNIT (3 Switch) |
| 1 | 1 | 8402189 | PANEL MTG SHELL |
| 2 | 3 | 8402024 | SWITCH COVER |
| 3 | 1 | 8402246 | JOYSTICK (4 AXIS) |
| 4 | 1 | 8402149 | GLAND - PLASTIC |
| 5 | 1 | 43022.47 | CONNECTOR |
| 6 | 1 | 8402237 | LOOM POWER SUPPLY |
| 7 | 1 | 1290494 | DECAL - SWITCH BOX |
| 8 | 1 | 41845.41 | LED |
| 9 | 1 | 8402349 | CONTROL BOX |
| 10 | 1 | 43034.02 | BLADE FUSE - 20 amp |

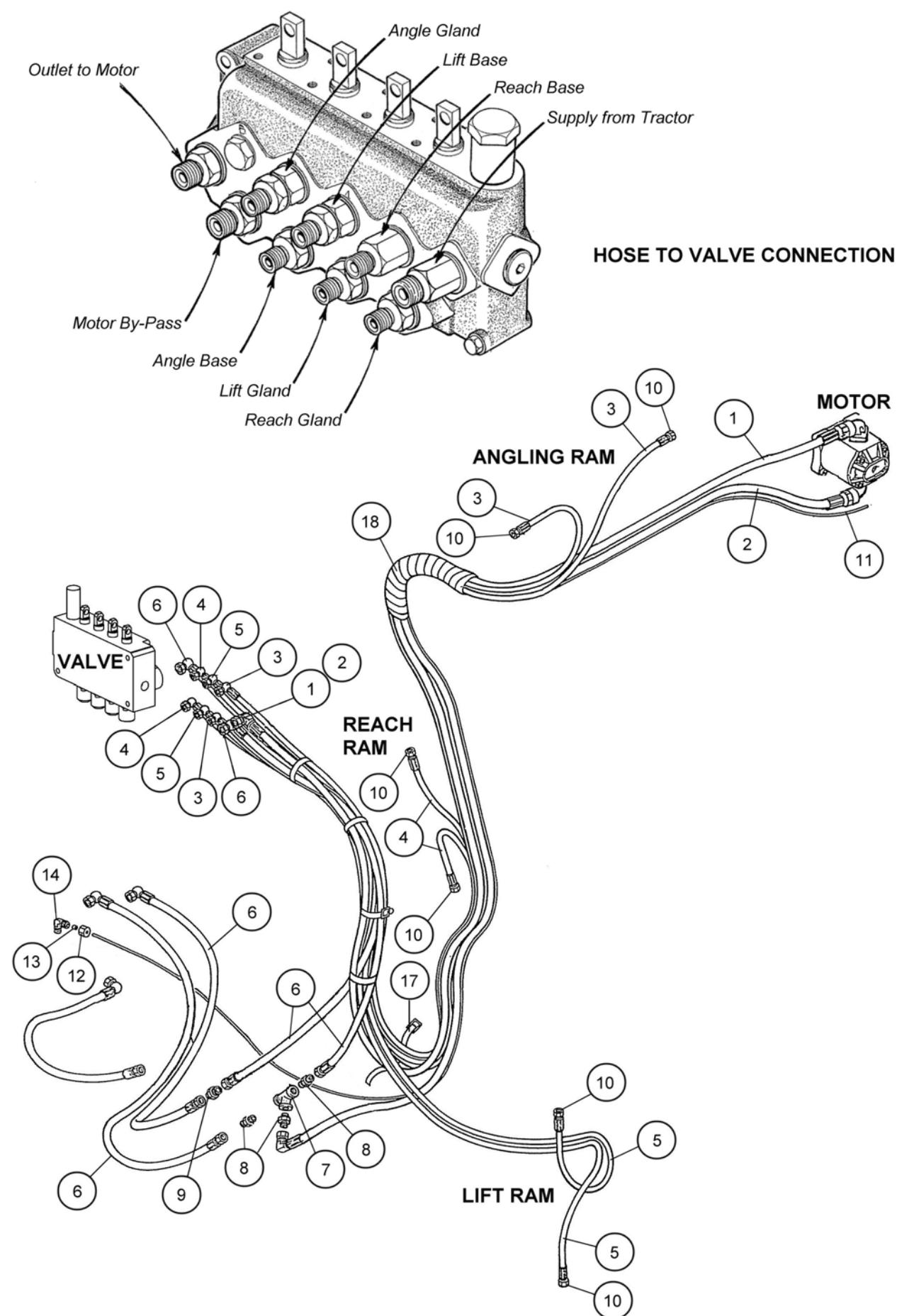


| REF. | QTY. | PART NO. | DESCRIPTION |
|-------------------------------------|------|----------|------------------------------------|
| CABLE CONTROL VALVE MOUNTING | | | |
| 1 | 1 | 1090312 | VALVE MOUNTING PLATE |
| 2 | 1 | 1090313 | VALVE MOUNTING CLAMP PLATE |
| 3 | 3 | 9213164 | VALVE MOUNTING BAR |
| 4 | 1 | 9313003 | SETSCREW |
| 5 | 3 | 9143004 | SELF-LOCKING NUT |
| 6 | 1 | 9100104 | SPRING WASHER |
| 7 | 1 | 1090124 | VALVE MOUNTING BAR |
| 8 | 2 | 9100205 | SPRING WASHER |
| 9 | 2 | 9313055 | SETSCREW |
| 10 | 1 | 8130358 | CONTROL VALVE ASSEMBLY - BSP Build |
| | 1 | 8130359 | CONTROL VALVE ASSEMBLY - JIC Build |

Module:



| REF. | QTY. | PART NO. | DESCRIPTION |
|------|------|----------|-------------------------|
| 1 | 1 | 43087.01 | VALVE MOUNTING BAR |
| 2 | 2 | 9313055 | SETSCREW |
| 3 | 4 | 9100205 | SPRING WASHER |
| 4 | 1 | 43124.01 | SPACER |
| 5 | 4 | 9213184 | BOLT |
| 6 | 4 | 9100204 | SPRING WASHER |
| 7 | 1 | 43086.01 | VALVE COVER - MANIFOLD |
| 8 | 1 | 43086.02 | VALVE COVER - SOLENOIDS |
| 9 | 4 | 9313045 | SETSCREW |
| 10 | 2 | 9143105 | SELF-LOCKING NUT |
| 11 | 2 | 9100105 | PLAIN WASHER |



Swingtrim

HOSE INSTALLATION



| REF. | QTY. | | PART NO. | DESCRIPTION |
|------------------------------------|------|-----|----------|--|
| | BSP | JIC | | |
| HYDRAULIC HOSE INSTALLATION | | | | |
| 1 | 1 | - | 8531363 | HOSE - 3/8" BSP x 160" <i>Motor Supply</i> |
| | - | 1 | 8531038 | HOSE - 3/4" JIC x 160" <i>Motor Supply</i> |
| 2 | 1 | - | 8531373 | HOSE - 3/8" BSP x 130" <i>Motor Return</i> |
| | - | 1 | 8531048 | HOSE - 3/4" JIC x 130" <i>Motor Return</i> |
| 3 | 2 | - | 8535122 | HOSE - 1/4" BSP x 142" <i>Angling Ram</i> |
| | - | 2 | 8535017 | HOSE - 1/2" JIC x 142" <i>Angling Ram</i> |
| 4 | 2 | - | 8535132 | HOSE - 1/4" BSP x 100" <i>Reach Ram</i> |
| | - | 2 | 8535027 | HOSE - 1/2" JIC x 100" <i>Reach Ram</i> |
| 5 | 2 | - | 8535052 | HOSE - 1/4" BSP x 70" <i>Lift ram</i> |
| | - | 2 | 8535047 | HOSE - 1/2" JIC x 70" <i>Lift Ram</i> |
| 6 | 4 | - | 8531343 | HOSE - 3/8" BSP x 36" |
| | - | 4 | 8531058 | HOSE - 3/4" JIC x 36" |
| 7 | 1 | - | 8581073 | TEE PIECE (BSP) |
| | - | 1 | 8581237 | TEE PIECE (JIC) |
| 8 | 3 | - | 8505007 | UNION |
| 9 | 1 | - | 6000113 | UNION |
| 10 | - | 6 | 8120003 | UNION - (BSP to JIC ADAPTOR) |
| 11 | 1 | 1 | 8501148 | NYLON HOSE - 5000mm |
| 12 | 1 | 1 | 8581200 | UNION NUT |
| 13 | 1 | 1 | 8581199 | OLIVE |
| 14 | 1 | 1 | 8581198 | ELBOW - 90° |
| 15 | 2 | 2 | 8002108 | DUST CAP (<i>not illustrated</i>) |
| 16 | 2 | 2 | 8002109 | DUST PLUG (<i>not illustrated</i>) |
| 17 | 3 | 3 | 7106187 | HOSE STRAP |
| 18 | 1 | 1 | 1090053 | HOSE SLEEVING - 800mm |
| 19 | 1 | 1 | 7135084 | HOSE TIE |
| 20 | 1 | 1 | 1090092 | DRAIN LINE ADAPTOR - LARGE |
| 21 | 1 | 1 | 1090093 | DRAIN LINE ADAPTOR - SMALL |

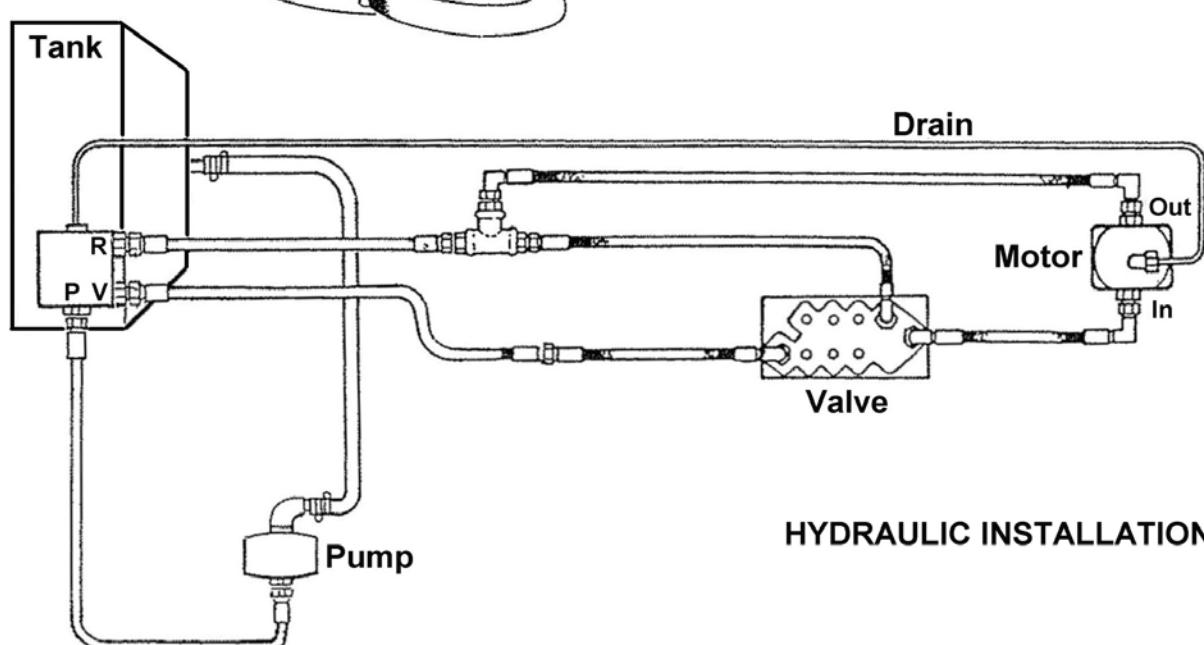
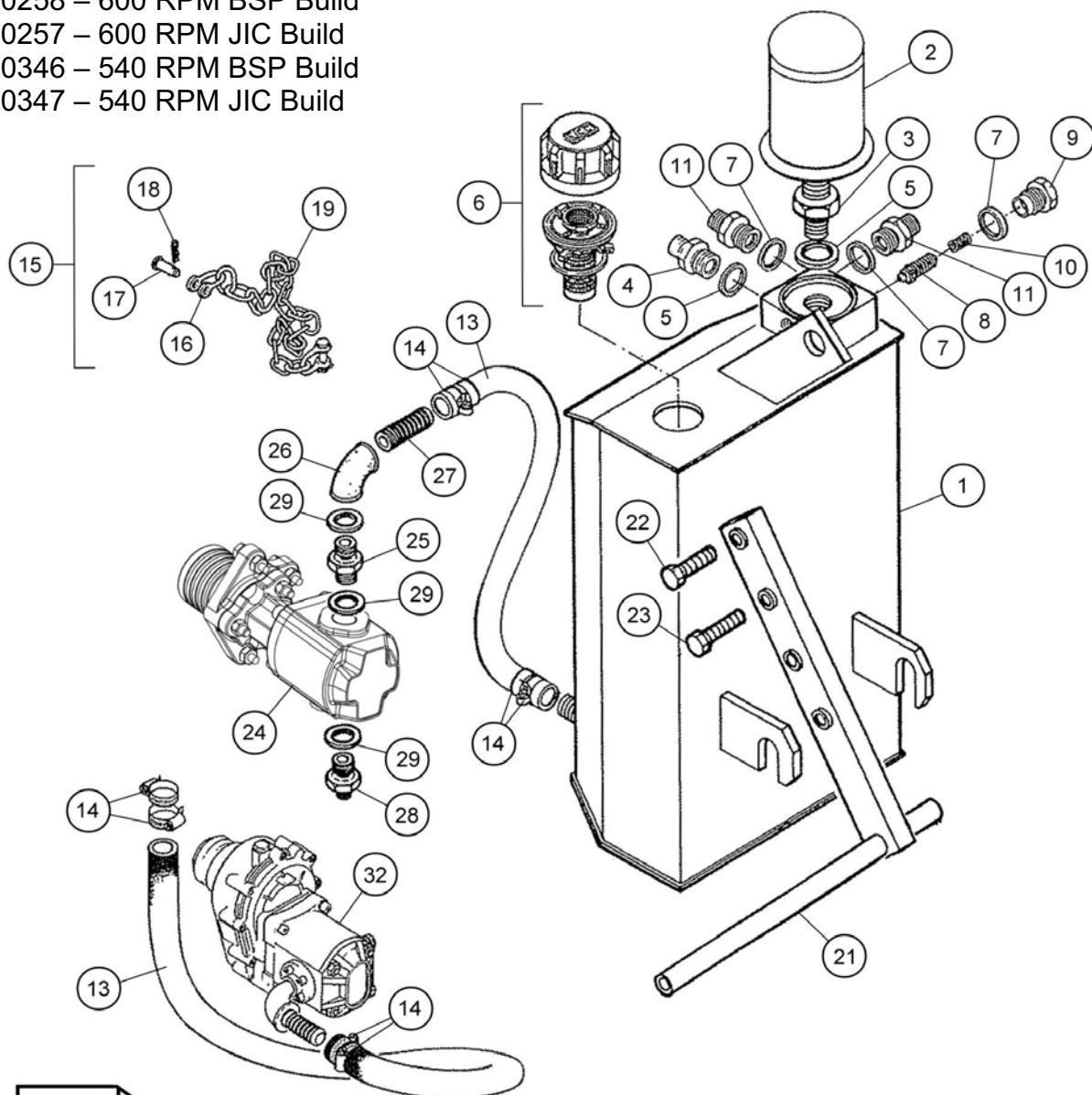
Modules:

1090258 – 600 RPM BSP Build

1090257 – 600 RPM JIC Build

1090346 – 540 RPM BSP Build

1090347 – 540 RPM JIC Build



Swingtrim

PUMP & TANK KIT ASSEMBLIES



| REF. | QTY. | PART NO. | DESCRIPTION |
|------|------|----------|--|
| | | 1090258 | PUMP & TANK KIT (600 RPM PTO SPEED) - BSP Build |
| | | 1090257 | PUMP & TANK KIT (600 RPM PTO SPEED) - JIC Build |
| | | 1090346 | PUMP & TANK KIT (540 RPM PTO SPEED) - BSP Build |
| | | 1090347 | PUMP & TANK KIT (540 RPM PTO SPEED) - JIC Build |
| | | 1090340 | TANK ASSEMBLY (540 & 600 RPM) - <i>BSP Builds</i> |
| | | 1090341 | TANK ASSEMBLY (540 & 600 RPM) - <i>JIC Builds</i> |
| 1 | 1 | 1090339 | HYDRAULIC OIL TANK |
| 2 | 1 | 8401045 | FILTER |
| 3 | 1 | 8581174 | UNION |
| 4 | 1 | 6000112 | BSP ADAPTOR - <i>BSP build only</i> |
| | 1 | 8120003 | JIC ADAPTOR - <i>JIC build only</i> |
| 5 | 2 | 8650104 | BONDED SEAL |
| 6 | 1 | 8401050 | FILLER / BREATHER ASSEMBLY |
| 7 | 3 | 8650103 | BONDED SEAL |
| 8 | 1 | 8130029 | RELIEF VALVE |
| 9 | 1 | 8130031 | RELIEF VALVE CAP |
| 10 | 1 | 8116011 | SPRING |
| 11 | 2 | 6000113 | BSP ADAPTOR - <i>BSP build only</i> |
| | 2 | 8581170 | JIC ADAPTOR - <i>JIC build only</i> |
| 12 | 1 | 8531353 | HOSE - 3/8" BSP FS/F90 x 22" - <i>BSP build only</i> |
| | 1 | 8531078 | HOSE - 3/4" JIC FS/F90 x 22" - <i>JIC build only</i> |

The following items are sub-components of Pump & Drive Assemblies and are common to all builds.

| | | | |
|----|---|---------|--|
| 13 | 1 | 8500865 | SUCTION HOSE - 1" BORE x 36" |
| 14 | 4 | 0904106 | HOSE CLIP |
| 15 | 2 | 6000087 | SHACKLE ASSEMBLY c/o: |
| 16 | 1 | 6000088 | SHACKLE |
| 17 | 1 | 6000089 | SHACKLE PIN |
| 18 | 1 | 0481105 | SPRING COTTER |
| 19 | 1 | 0902330 | REACTION CHAIN |
| 20 | 1 | 8013389 | TORQUE ARM - 600RPM <i>Builds only</i> |
| | 1 | 8005033 | TORQUE ARM - 540RPM <i>Builds only</i> |
| 21 | 1 | 1090345 | VALVE MOUNTING |
| 22 | 1 | 9213137 | BOLT |
| 23 | 1 | 9213147 | BOLT |

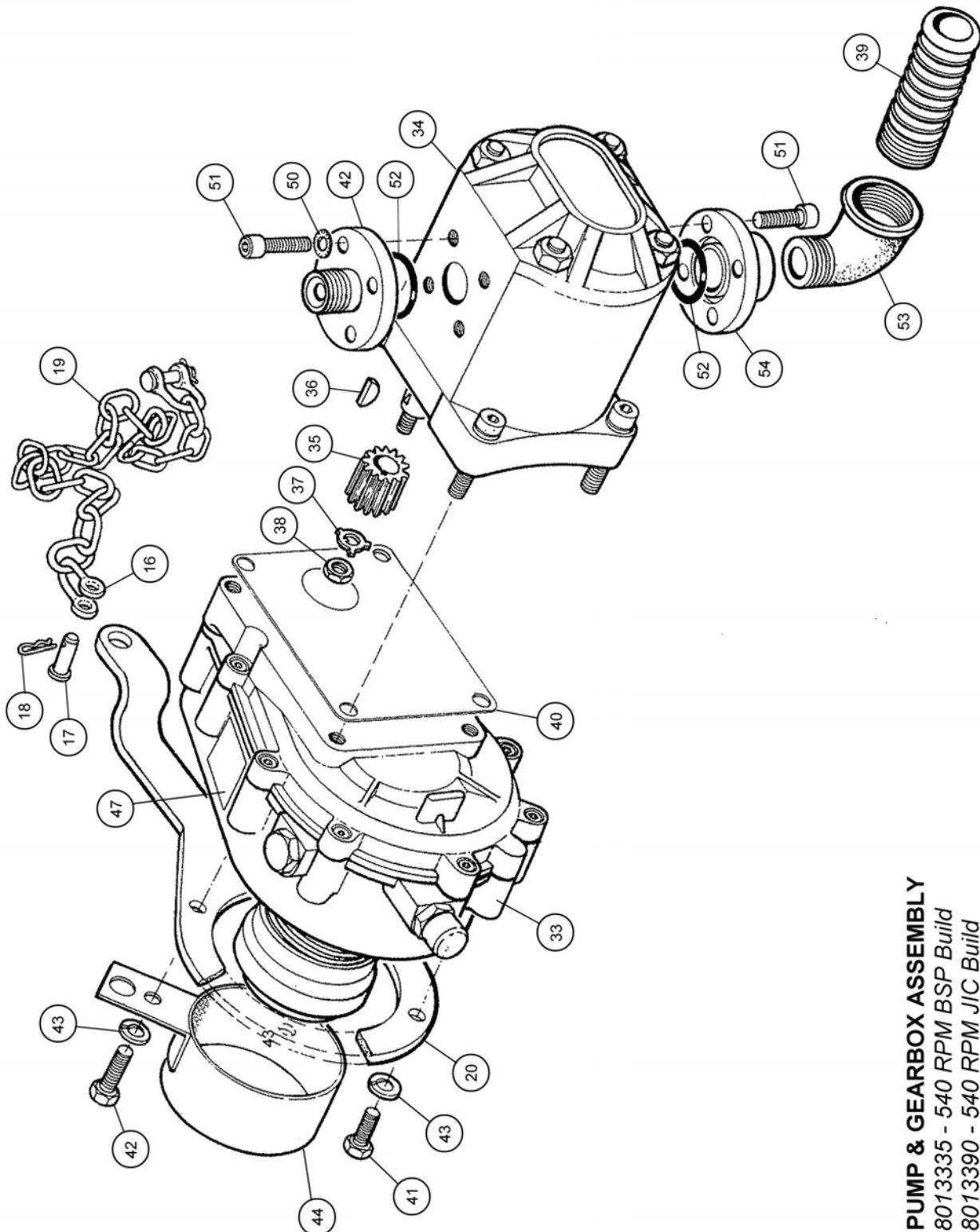
All additional Pump & Drive components are specific to builds and are listed on the following page.

Continued...

**Modules:**

8013335 – 540 RPM BSP Build

8013390 – 540 RPM JIC Build



PUMP & GEARBOX ASSEMBLY
8013335 - 540 RPM BSP Build
8013390 - 540 RPM JIC Build

Swingtrim

PUMP & TANK KIT ASSEMBLIES



| REF. | QTY. | PART NO. | DESCRIPTION |
|------|------|----------|--|
| | | 8013420 | PUMP & DRIVE SUPPORT - 600 RPM BSP Build |
| | | 8013391 | PUMP & DRIVE SUPPORT - 600 RPM JIC Build |
| 24 | 1 | 8013418 | PUMP & DRIVE ASSEMBLY |
| 25 | 1 | 8581136 | UNION |
| 26 | 1 | 8581055 | ELBOW - 90° |
| 27 | 1 | 8005037 | UNION |
| 28 | 1 | 8581131 | BSP ADAPTOR - <i>BSP build only</i> |
| | 1 | 8581244 | JIC ADAPTOR - <i>J/C build only</i> |
| 29 | 3 | 8650106 | BONDED SEAL |
| 30 | 4 | 9213085 | BOLT |
| 31 | 4 | 9143005 | NUT |
| | | 8699230 | SEAL KIT FOR PUMP (600 RPM) |
| | | 8013335 | PUMP, GEARBOX & SUPPORT - 540 RPM BSP Build |
| | | 8013390 | PUMP, GEARBOX & SUPPORT - 540 RPM JIC Build |
| 32 | 1 | 8013323 | PUMP & GEARBOX - <i>BSP Build</i> |
| | 1 | 8013326 | PUMP & GEARBOX - <i>J/C Build</i> |
| 33 | | 8013325 | GEARBOX |
| 34 | | 8201456 | PUMP |
| 35 | | 8201131 | PUMP DRIVE COUPLING |
| 36 | | 8201133 | WOODRUFF KEY |
| 37 | | 8201134 | TAB WASHER |
| 38 | | 8201134 | THIN NUT |
| 39 | 1 | 8005037 | UNION - LOW PRESSURE |
| 40 | 1 | 8201132 | GASKET |
| 41 | 3 | 9313055 | SETSCREW |
| 42 | 1 | 9313065 | SETSCREW |
| 43 | 4 | 9100205 | SPRING WASHER |
| 44 | 1 | 8013268 | PTO GUARD |
| 45 | 4 | 9243074 | CAPSCREW |
| 46 | 4 | 9100204 | SPRING WASHER |
| 47 | 1 | 8013052 | INSTRUCTION LABEL |
| 48 | 1 | 8005027 | BSP PRESSURE CONNECTION (<i>c/w O Ring & Fittings</i>) |
| 49 | 1 | 8005031 | JIC PRESSURE CONNECTION (<i>c/w O Ring & Fittings</i>) |
| 50 | 8 | 0100302 | SHAKEPROOF WASHER - INTERNAL |
| 51 | 8 | 9343044 | CAPSCREW |
| 52 | 2 | 8600405 | O RING |
| 53 | 1 | 8581168 | ELBOW |
| 54 | 1 | 8005036 | UNION BASE |
| 55 | 1 | 7118243 | DECAL - MAX RPM |
| | | 8699176 | SEAL KIT FOR PUMP (540 RPM) - Pre 1987 models |
| | | 8699214 | SEAL KIT FOR PUMP (540 RPM) - 1987 onward models |

Refer to previous pages for common components of the Pump & Drive Assemblies (Items 13-23).



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