

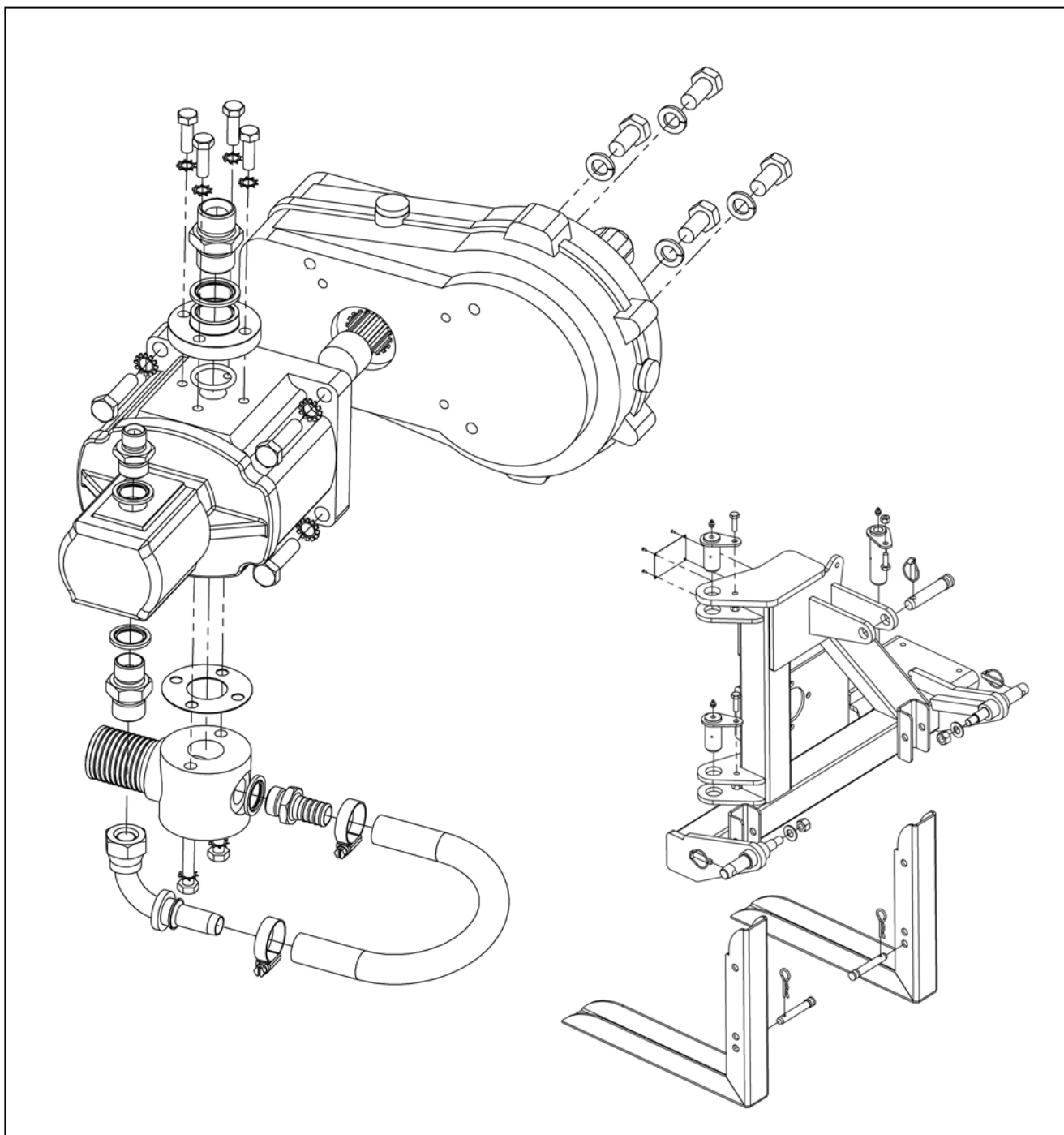
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September 2006  
Part No. 41571.11  
Revision 16.08.07



# AG46 & AG50

## *Modèles AG46, AG46+ & AG50+* **DÉBROUSSAILLEUSE**

*Manuel de pièces de rechange*



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**Always quote:**

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- ***Serial Number***
- ***Part Number***

*Design Improvements may have altered some of the parts listed in this manual –  
The latest part will always be supplied when it is interchangeable with an earlier one.*



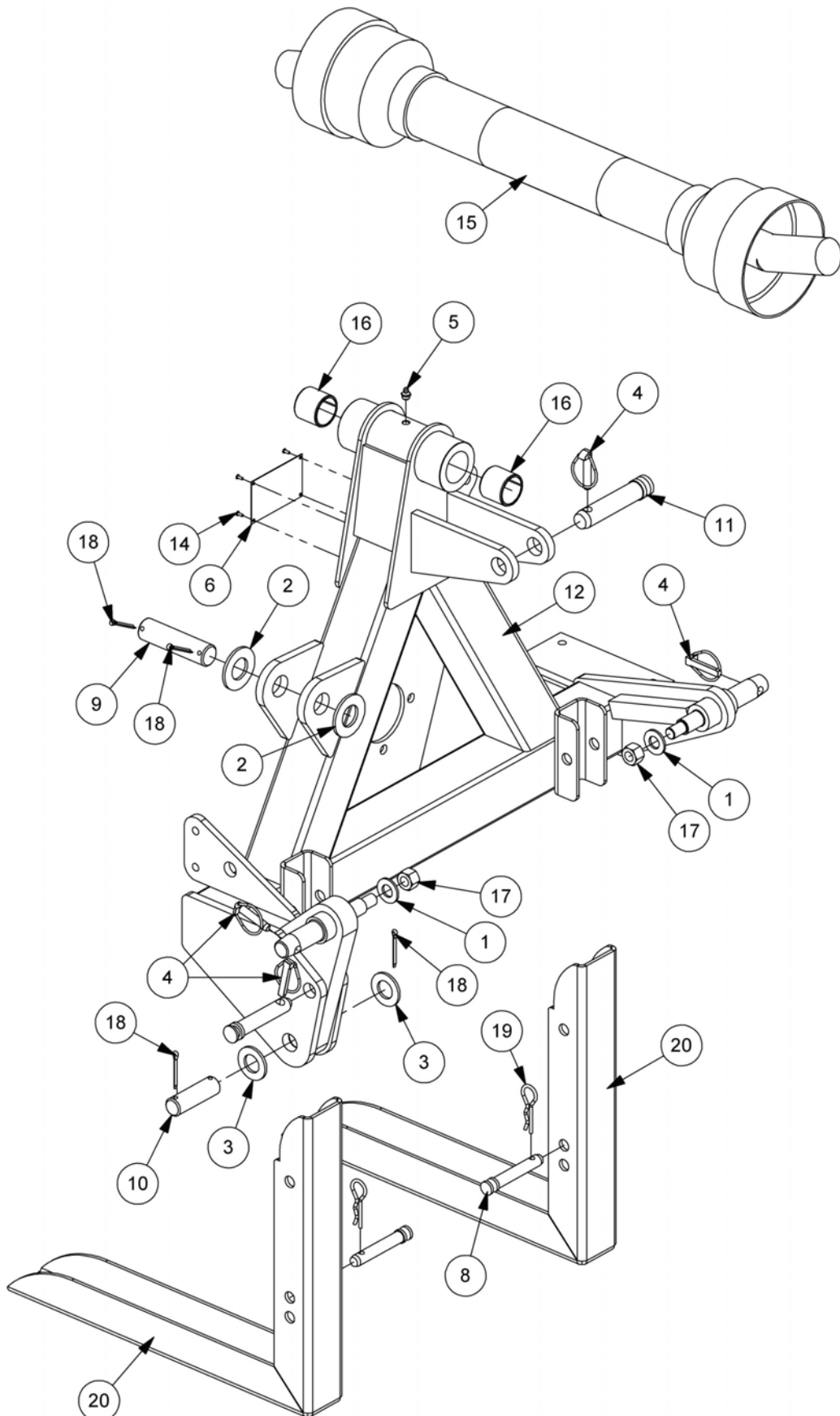
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# MAIN FRAME ASSEMBLY

Module:  
7146701

*AG46 Model only*



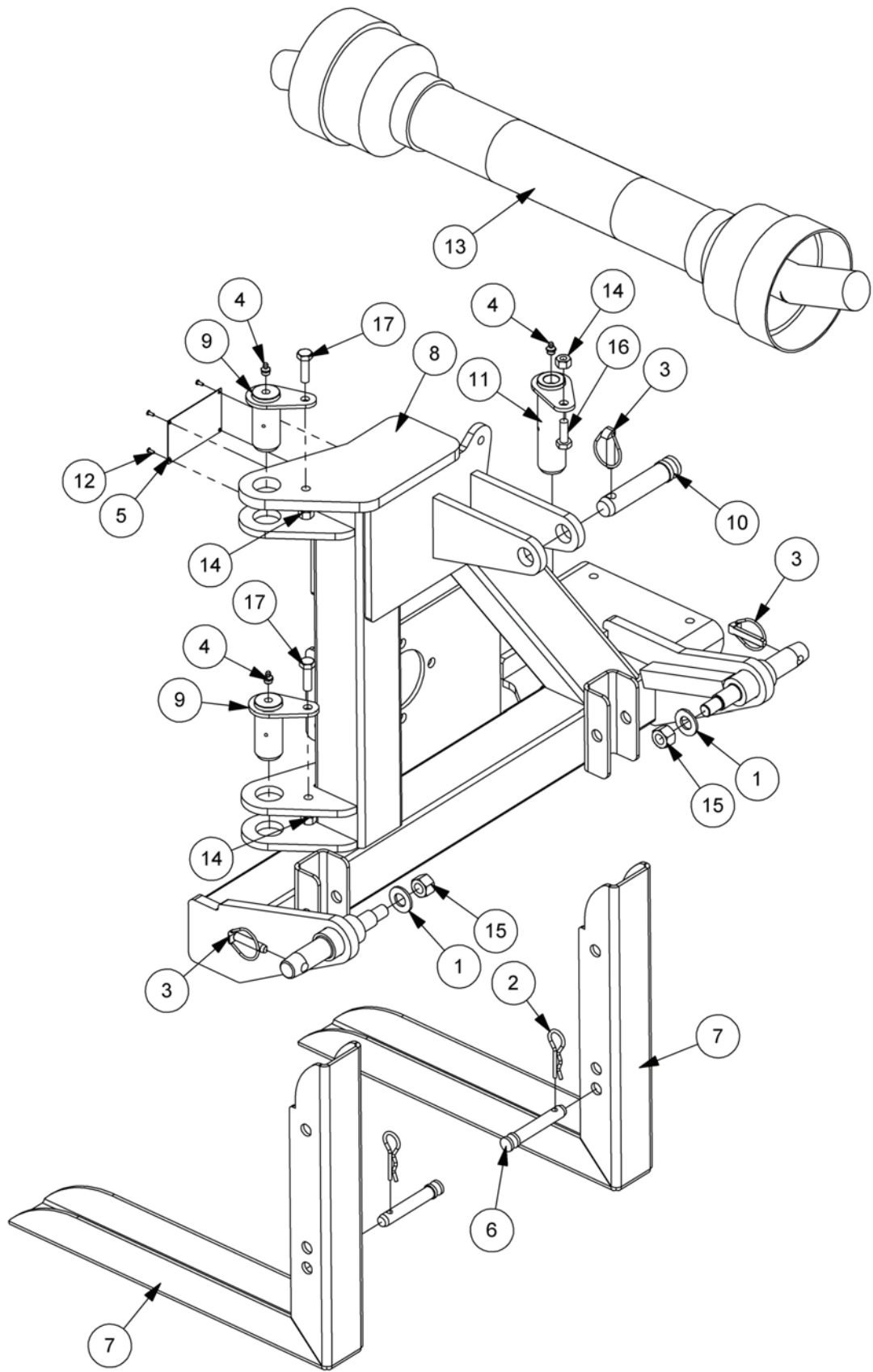
**MAIN FRAME ASSEMBLY**

| <b>REF.</b> | <b>QTY.</b> | <b>PART No.</b> | <b>DESCRIPTION</b>                |
|-------------|-------------|-----------------|-----------------------------------|
|             |             | <b>7146701</b>  | <b>MAIN FRAME ASSEMBLY - AG46</b> |
| 1           | 2           | 0100106         | FLAT WASHER                       |
| 2           | 2           | 05.281.18       | FLAT WASHER                       |
| 3           | 2           | 0100109         | FLAT WASHER                       |
| 4           | 4           | 0431217         | LINCH PIN                         |
| 5           | 1           | 0901121         | GREASE NIPPLE                     |
| 6           | 1           | 1335246         | SERIAL No. PLATE                  |
| 7           | 1           | 21770.01        | PIN                               |
| 8           | 2           | 21997.01        | LEG PIN                           |
| 9           | 1           | 22002.02        | PIVOT PIN - LIFT RAM (ROD END)    |
| 10          | 1           | 22002.04        | PIVOT PIN - SWING LINK            |
| 11          | 1           | 41267.06        | LINK PIN                          |
| 12          | 1           | 42343.07        | MAINFRAME - R/H Build             |
| 13          | 1           | 42350.01        | SWING LINK                        |
| 14          | 4           | 7103230         | POP RIVET                         |
| 15          | 1           | 7114289         | DRIVE SHAFT ASSEMBLY              |
| 16          | 2           | 7213023         | PLASTIC BUSH                      |
| 17          | 2           | 9143007         | SELF-LOCKING NUT                  |
| 18          | 4           | 9501406         | SPLIT PIN                         |
| 19          | 2           | 0431105         | SPRING COTTER                     |
| 20          | 2           | 22015.01        | STAND LEG                         |

# MAIN FRAME ASSEMBLY

Module:  
7146731

AG46+ / AG50+ Models



**MAIN FRAME ASSEMBLY**

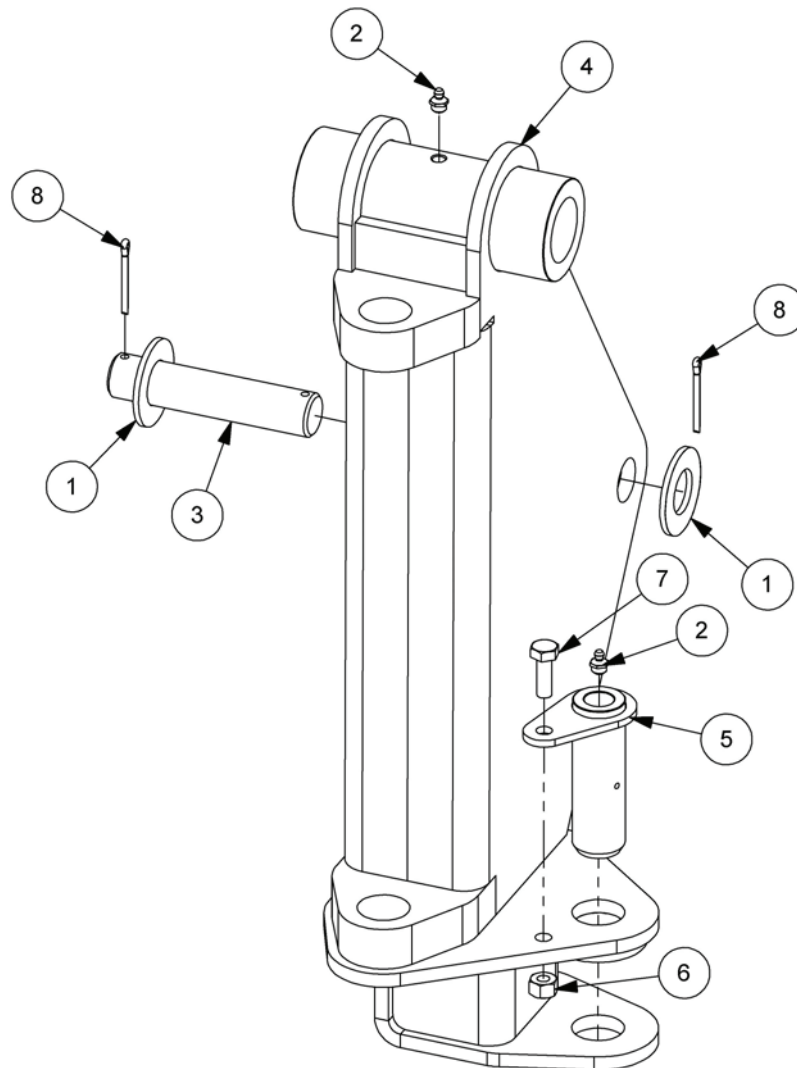
| REF. | QTY. | PART No.       | DESCRIPTION                                    |
|------|------|----------------|--|
|      |      | <b>7146731</b> | <b>MAIN FRAME ASSEMBLY - AG46+ &amp; AG50+</b> |
| 1    | 2    | 0100106        | FLAT WASHER                                    |
| 2    | 2    | 0431105        | SPRING COTTER                                  |
| 3    | 3    | 0431217        | LINCH PIN                                      |
| 4    | 3    | 0901121        | GREASE NIPPLE                                  |
| 5    | 1    | 1335246        | SERIAL No. PLATE                               |
| 6    | 2    | 21997.01       | LEG PIN  |
| 7    | 2    | 22015.01       | STAND LEG                                      |
| 8    | 1    | 22038.02       | MAIN FRAME - R/H Build                         |
| 9    | 2    | 22040.01       | SLEW PIVOT PIN                                 |
| 10   | 1    | 41267.06       | LINK PIN                                       |
| 11   | 1    | 45202.01       | PIN  |
| 12   | 4    | 7103230        | POP RIVET                                      |
| 13   | 1    | 7114289        | DRIVE SHAFT ASSEMBLY                           |
| 14   | 3    | 9143005        | SELF-LOCKING NUT                               |
| 15   | 2    | 9143007        | SELF-LOCKING NUT                               |
| 16   | 1    | 9313065        | SETSCREW                                       |
| 17   | 2    | 9313075        | SETSCREW                                       |



# PILLAR ASSEMBLY

Module:  
7146733

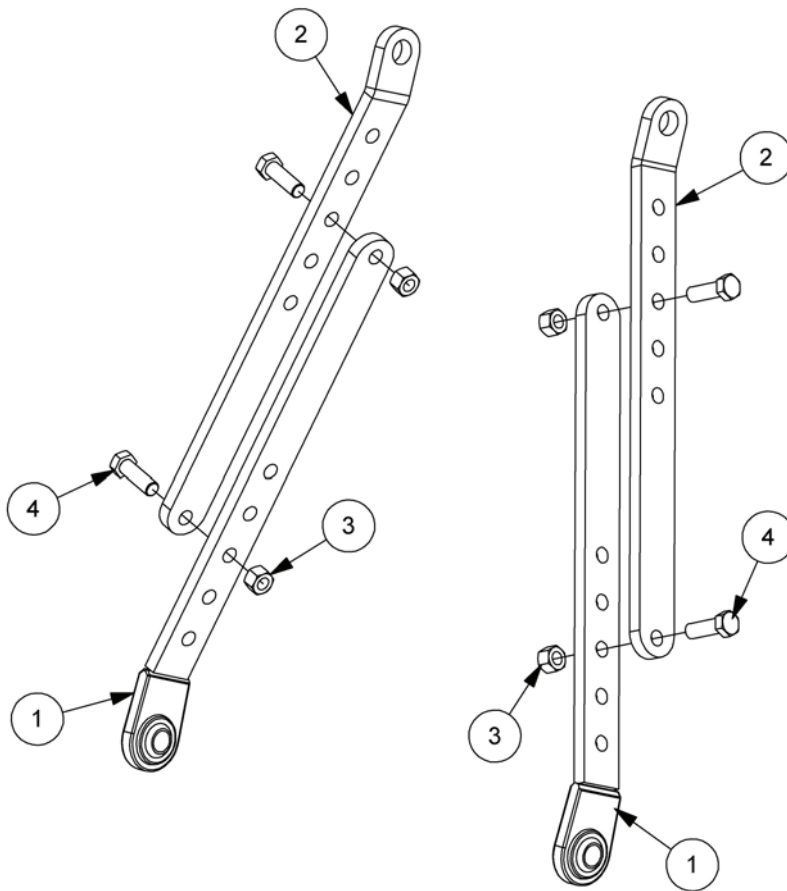
AG46+ / AG50+ Models



| REF. | QTY. | PART No.       | DESCRIPTION                                |
|------|------|----------------|--|
|      |      | <b>7146733</b> | <b>PILLAR ASSEMBLY - AG46+ &amp; AG50+</b> |
| 1    | 2    | 05.281.18      | FLAT WASHER                                |
| 2    | 2    | 0901121        | GREASE NIPPLE                              |
| 3    | 1    | 22002.03       | PIVOT PIN - LIFT RAM (BASE)                |
| 4    | 1    | 22039.02       | PILLAR - R/H Build                         |
| 5    | 1    | 22040.02       | PIN  |
| 6    | 1    | 9143005        | SELF-LOCKING NUT                           |
| 7    | 1    | 9313065        | SETSCREW                                   |
| 8    | 2    | 9501406        | SPLIT PIN                                  |

# STABILIZER ASSEMBLY

Module:  
7146711

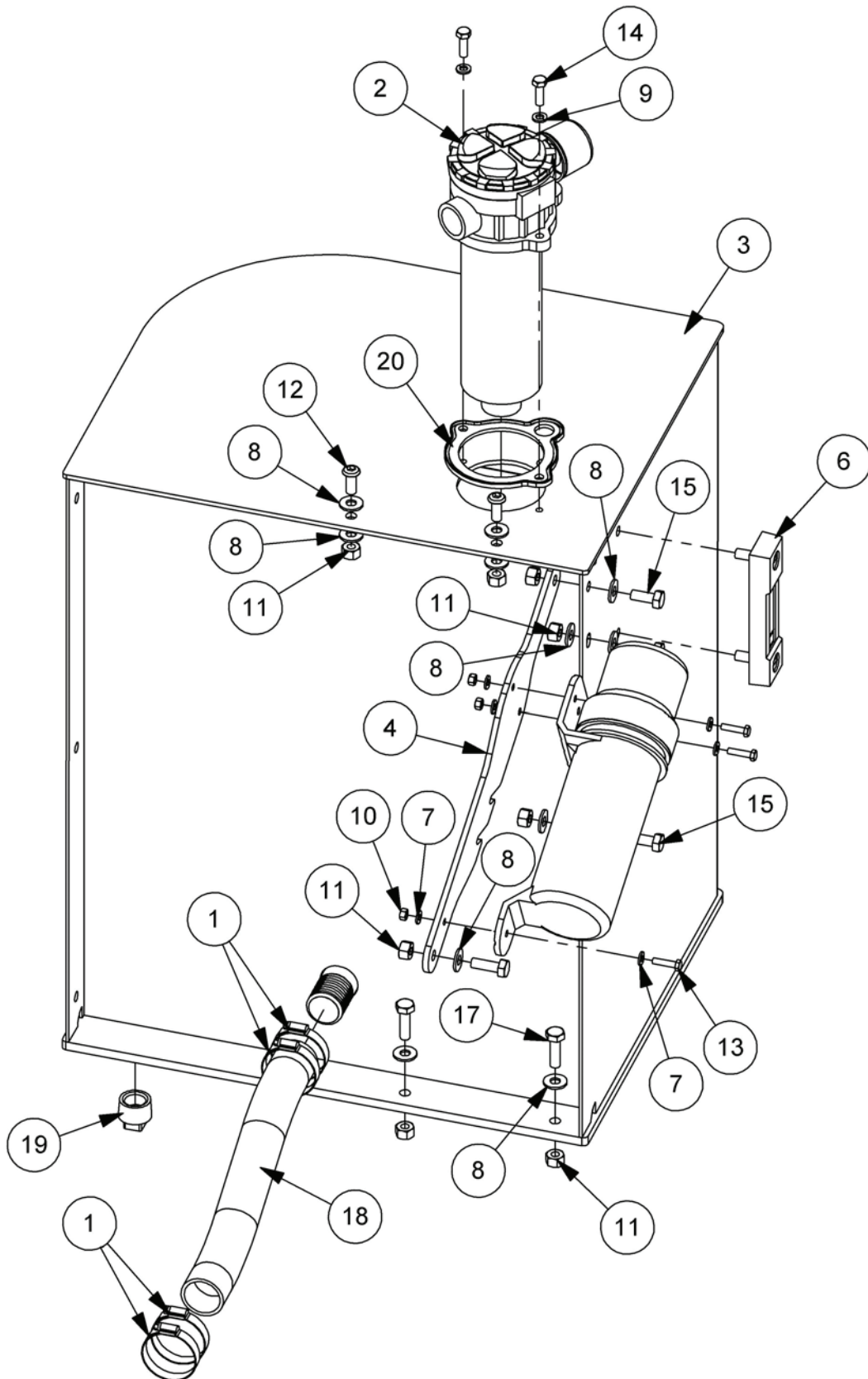


| REF. | QTY. | PART No.       | DESCRIPTION                |
|------|------|----------------|----------------------------|
|      |      | <b>7146711</b> | <b>STABILIZER ASSEMBLY</b> |
| 1    | 2    | 42366.06       | LOWER STABILIZER           |
| 2    | 2    | 42366.07       | UPPER STABILIZER           |
| 3    | 4    | 9143007        | SELF-LOCKING NUT           |
| 4    | 4    | 9213107        | BOLT                       |

# HYDRAULIC TANK ASSEMBLY

Module:  
7146703

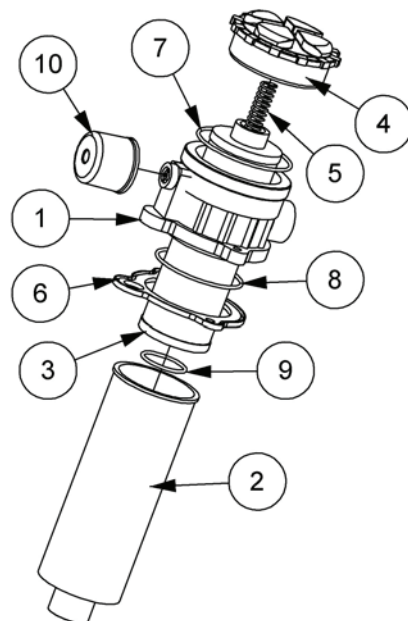
AG46 Model



**HYDRAULIC TANK ASSEMBLY**

| REF. | QTY. | PART No.       | DESCRIPTION                           |
|------|------|----------------|---------------------------------------|
|      |      | <b>7146703</b> | <b>HYDRAULIC TANK ASSEMBLY - AG46</b> |
| 1    | 4    | 0904107        | HOSE CLIP                             |
| 2    | 1    | 212.013        | FILTER ASSEMBLY c/w Breather          |
|      |      | 8401096        | BREATHER                              |
| 3    | 1    | 21991.02       | TANK - R/H Build                      |
| 4    | 1    | 21993.01       | TANK STRAP                            |
| 5    | 1    | 46505.01       | LITERATURE HOLDER                     |
| 6    | 1    | 8401048        | LEVEL GAUGE                           |
| 7    | 6    | 9100103        | FLAT WASHER                           |
| 8    | 12   | 9100105        | FLAT WASHER                           |
| 9    | 2    | 9100204        | SPRING WASHER                         |
| 10   | 3    | 9143003        | SELF-LOCKING NUT                      |
| 11   | 8    | 9143005        | SELF-LOCKING NUT                      |
| 12   | 2    | 9300154        | SCREW                                 |
| 13   | 3    | 9313053        | SETSCREW                              |
| 14   | 2    | 9313054        | SETSCREW                              |
| 15   | 3    | 9313055        | SETSCREW                              |
| 16   | 1    | 9313065        | SETSCREW                              |
| 17   | 2    | 9313075        | SETSCREW                              |
| 18   | 1    | 8501218        | SUCTION HOSE - 1.5" x 348mm Long      |
| 19   | 1    | 8581203        | PLUG                                  |
| 20   | 1    | 212.013.06     | FILTER SEAL                           |

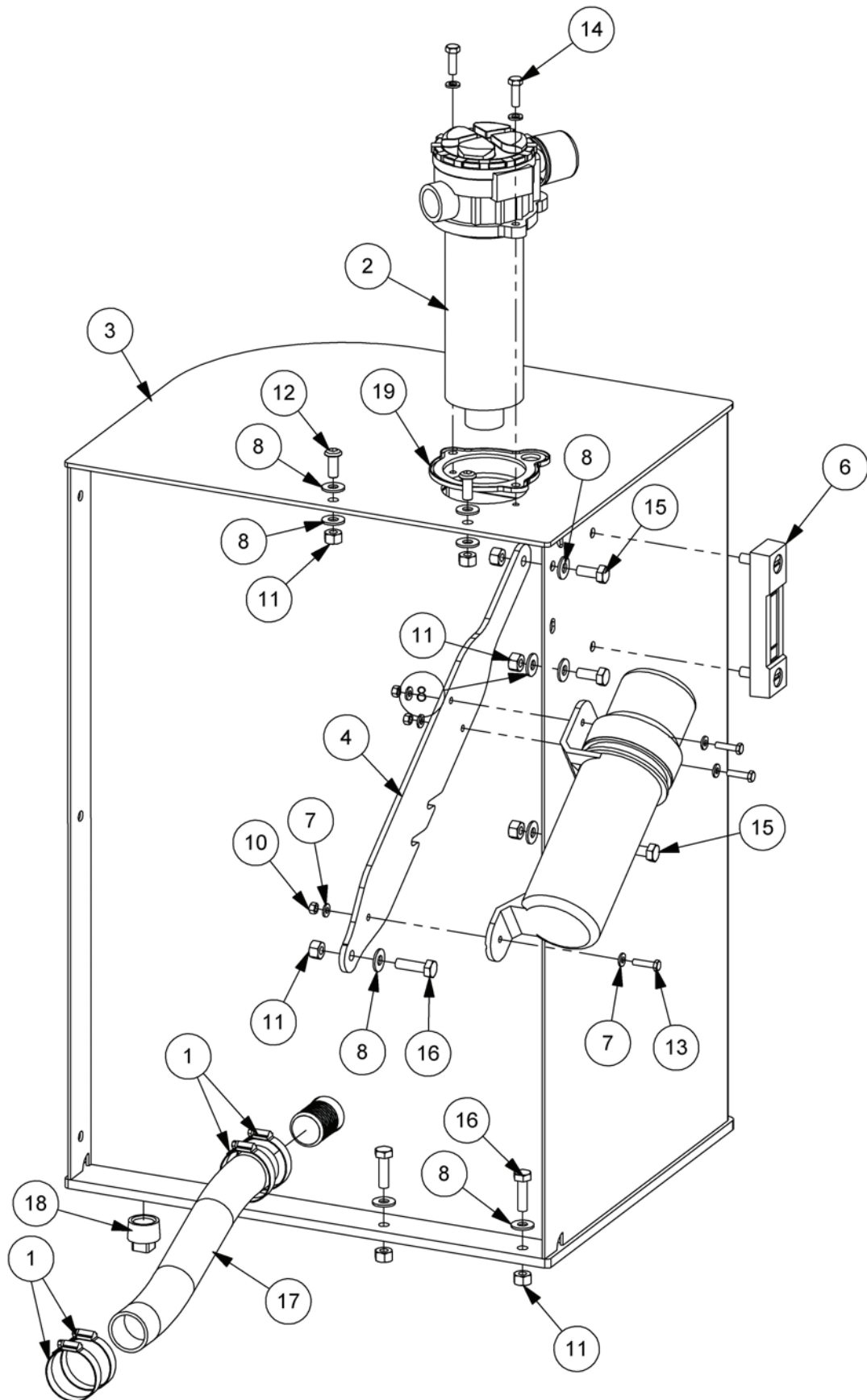
| REF. | QTY. | PART No.       | DESCRIPTION            |
|------|------|----------------|------------------------|
|      |      | <b>212.013</b> | <b>FILTER ASSEMBLY</b> |
| 1    | 1    | 212.013.01     | FILTER BODY            |
| 2    | 1    | 212.013.02     | FILTER HOUSING         |
| 3    | 1    | 8401095        | FILTER                 |
| 4    | 1    | 212.013.04     | FILLER CAP             |
| 5    | 1    | 212.013.05     | SPRING                 |
| 6    | 1    | 212.013.06     | FILTER SEAL            |
| 7    | 1    | 212.013.07     | O RING                 |
| 8    | 1    | 212.013.08     | O RING                 |
| 9    | 1    | 212.013.09     | O RING                 |
| 10   | 1    | 8401096        | BREATHER               |



# HYDRAULIC TANK ASSEMBLY

Module:  
7146713

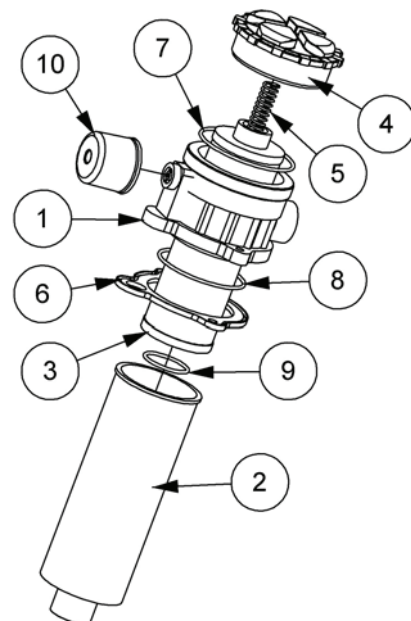
AG46+ / AG50+ Models



### HYDRAULIC TANK ASSEMBLY

| REF. | QTY. | PART No.       | DESCRIPTION  |
|------|------|----------------|--|
|      |      | <b>7146713</b> | <b>HYDRAULIC TANK ASSEMBLY - AG46+ &amp; AG50+</b> |
| 1    | 4    | 0904107        | HOSE CLIP  |
| 2    | 1    | 212.013        | FILTER ASSEMBLY c/w Breather                       |
|      |      | 8401096        | BREATHER   |
| 3    | 1    | 21991.04       | TANK - R/H Build                                   |
| 4    | 1    | 21993.02       | TANK STRAP   |
| 5    | 1    | 46505.01       | LITERATURE HOLDER                                  |
| 6    | 1    | 8401048        | LEVEL GAUGE  |
| 7    | 6    | 9100103        | FLAT WASHER  |
| 8    | 12   | 9100105        | FLAT WASHER  |
| 9    | 2    | 9100204        | SPRING WASHER                                      |
| 10   | 3    | 9143003        | SELF-LOCKING NUT                                   |
| 11   | 8    | 9143005        | SELF-LOCKING NUT                                   |
| 12   | 2    | 9300154        | SCREW  |
| 13   | 3    | 9313053        | SETSCREW   |
| 14   | 2    | 9313054        | SETSCREW   |
| 15   | 3    | 9313055        | SETSCREW   |
| 16   | 3    | 9313075        | SETSCREW   |
| 17   | 1    | 8501218        | SUCTION HOSE - 1.5" x 554mm Long                   |
| 18   | 1    | 8581203        | PLUG   |
| 19   | 1    | 212.013.06     | FILTER SEAL  |

| REF. | QTY. | PART No.       | DESCRIPTION            |
|------|------|----------------|------------------------|
|      |      | <b>212.013</b> | <b>FILTER ASSEMBLY</b> |
| 1    | 1    | 212.013.01     | FILTER BODY            |
| 2    | 1    | 212.013.02     | FILTER HOUSING         |
| 3    | 1    | 8401095        | FILTER                 |
| 4    | 1    | 212.013.04     | FILLER CAP             |
| 5    | 1    | 212.013.05     | SPRING                 |
| 6    | 1    | 212.013.06     | FILTER SEAL            |
| 7    | 1    | 212.013.07     | O RING                 |
| 8    | 1    | 212.013.08     | O RING                 |
| 9    | 1    | 212.013.09     | O RING                 |
| 10   | 1    | 8401096        | BREATHER               |

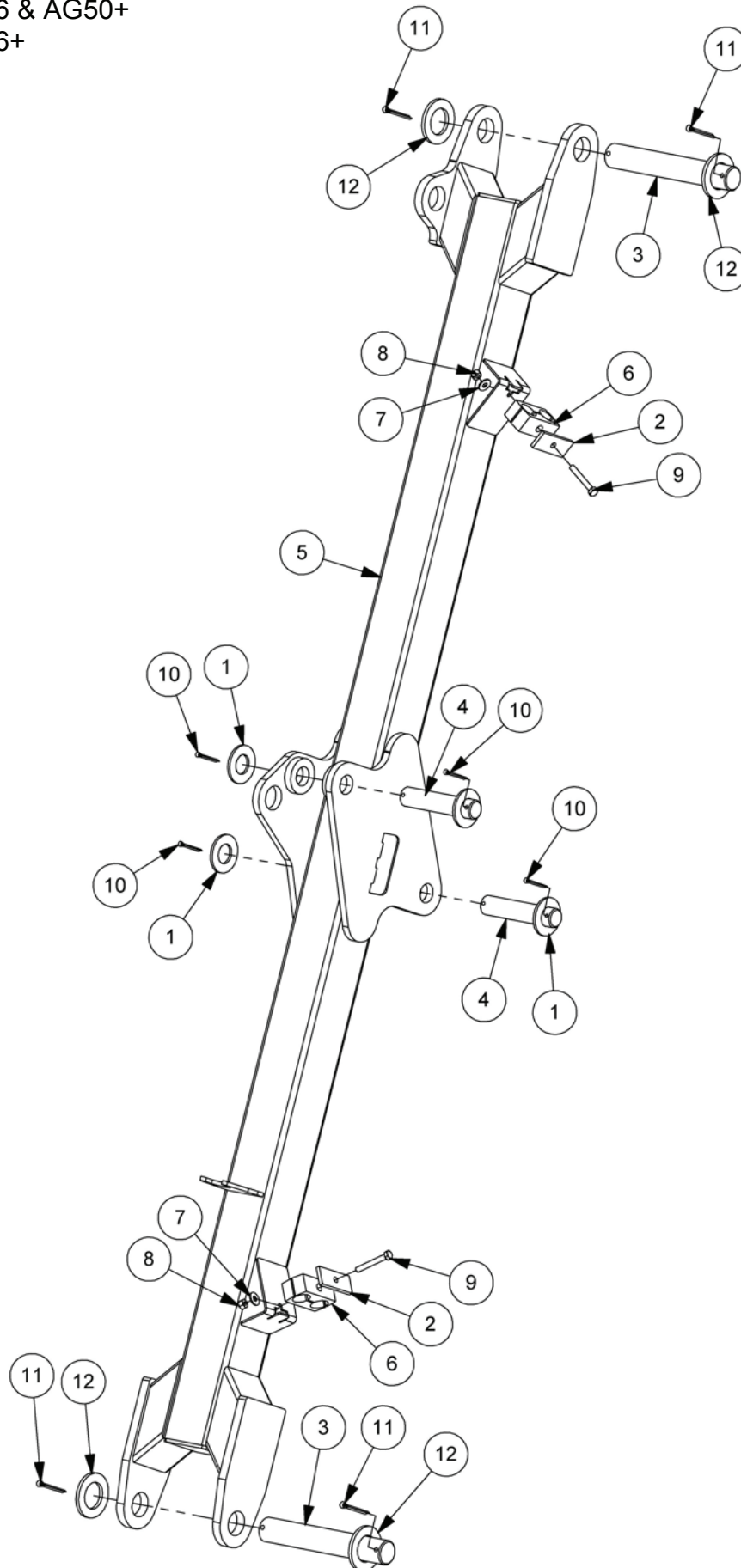


# MAIN ARM ASSEMBLY

**Module:**

7146707 – AG46 & AG50+

7146717 – AG46+



**MAIN ARM ASSEMBLY**

| REF. | QTY. | PART No.       | DESCRIPTION                                 |
|------|------|----------------|---|
|      |      | <b>7146707</b> | <b>MAIN ARM ASSEMBLY - AG46 &amp; AG50+</b> |
|      |      | <b>7146717</b> | <b>MAIN ARM ASSEMBLY - AG46+</b>            |
| 1    | 4    | 05.281.18      | FLAT WASHER                                 |
| 2    | 2    | 7198093        | CLAMP PLATE                                 |
| 3    | 2    | 22001.01       | PIVOT PIN - ARM PIVOTS                      |
| 4    | 2    | 22002.03       | PIVOT PIN - LIFT & REACH RAM (BASE)         |
| 5    | 1    | 42344.08       | MAIN ARM - <i>AG46 &amp; AG50+ Models</i>   |
|      | 1    | 42344.10       | MAIN ARM - <i>AG46+ Model</i>               |
| 6    | 2    | 7198077        | PIPE CLAMP                                  |
| 7    | 2    | 9100104        | FLAT WASHER                                 |
| 8    | 2    | 9143004        | SELF-LOCKING NUT                            |
| 9    | 2    | 9213124        | BOLT  |
| 10   | 4    | 9501406        | SPLIT PIN                                   |
| 11   | 4    | 9501507        | SPLIT PIN                                   |
| 12   | 4    | T6541          | FLAT WASHER                                 |

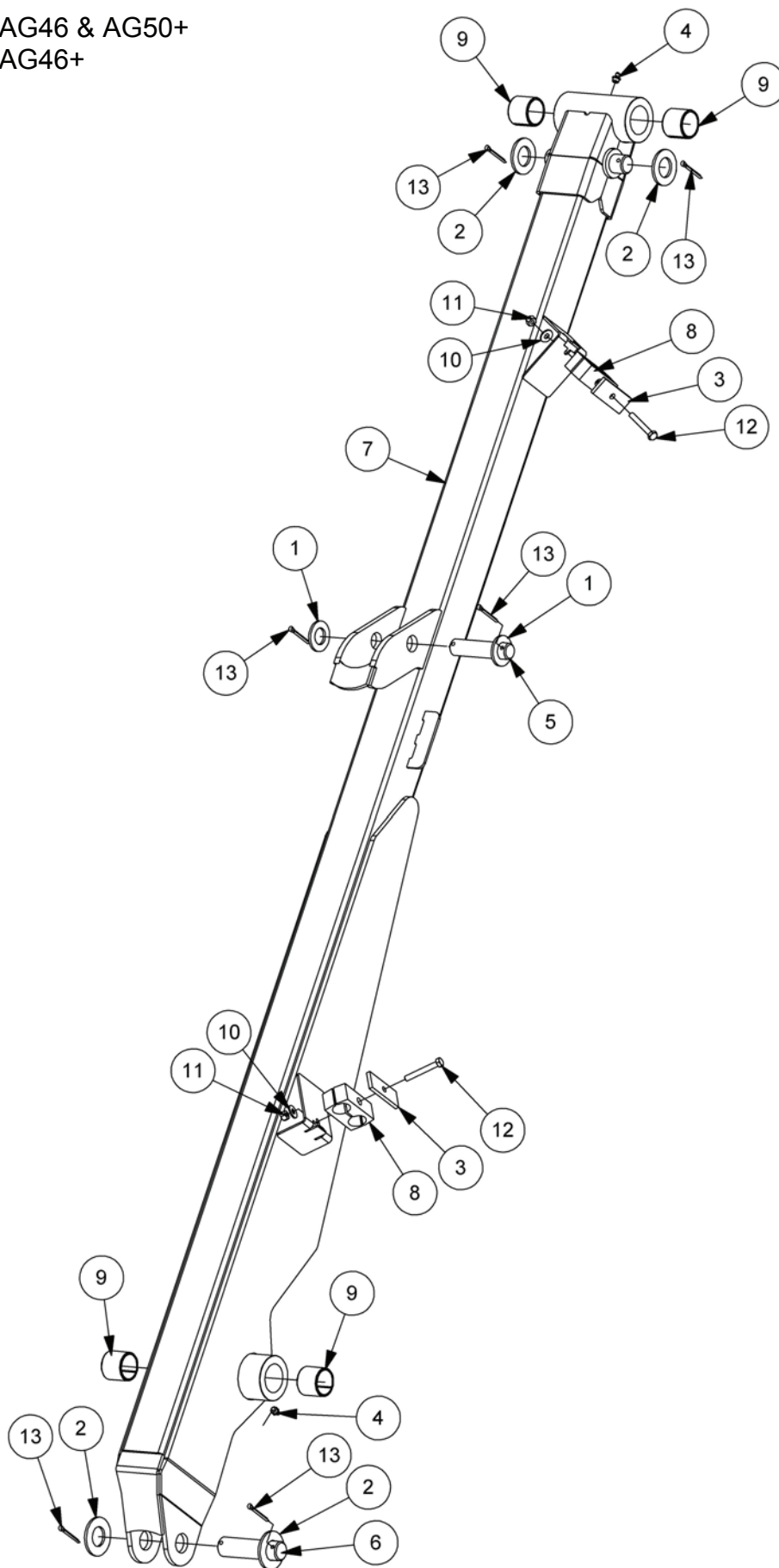


# DIPPER ARM ASSEMBLY

**Module:**

7146709 – AG46 & AG50+

7146719 – AG46+

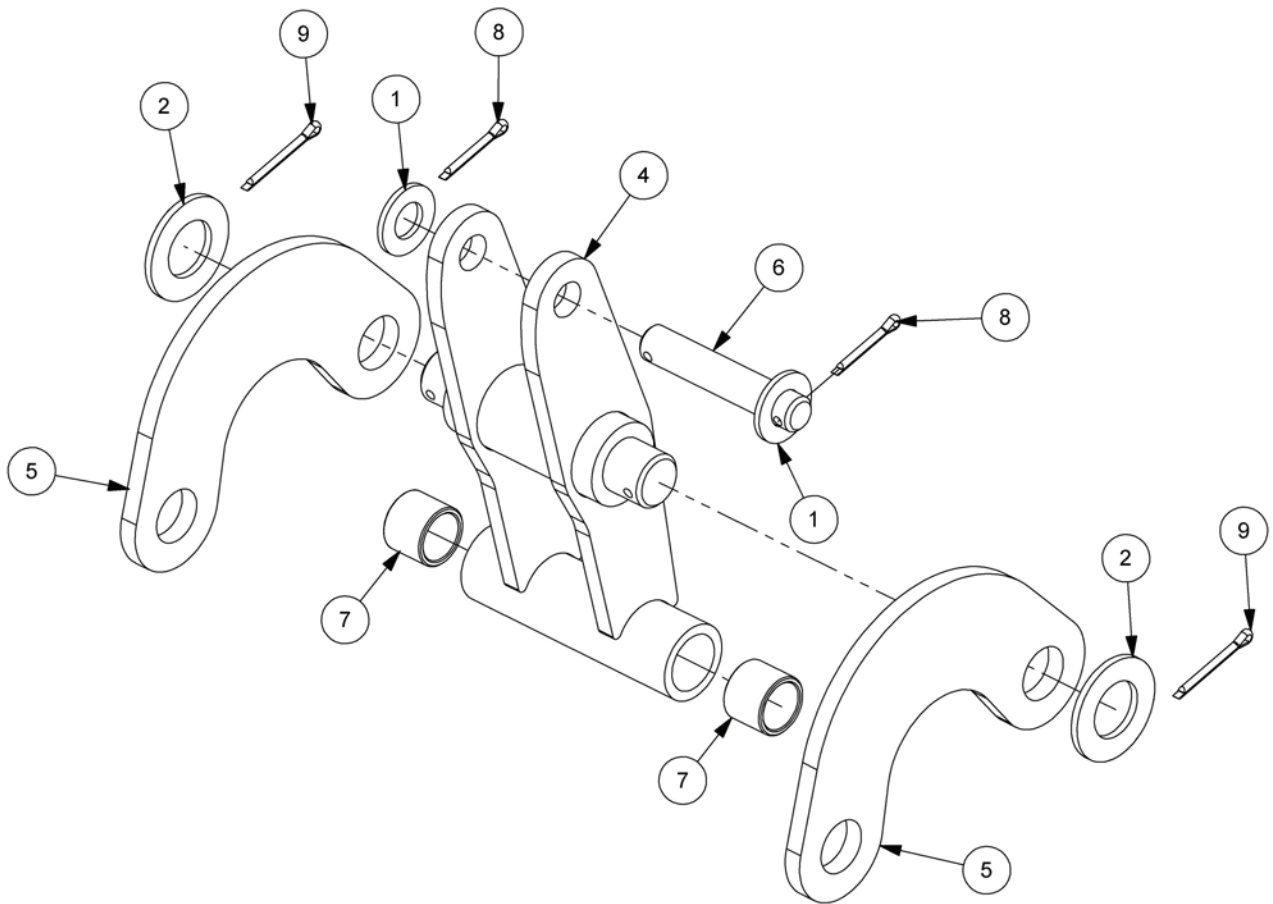


**DIPPER ARM ASSEMBLY**

| REF. | QTY. | PART No.       | DESCRIPTION                                   |
|------|------|----------------|---|
|      |      | <b>7146709</b> | <b>DIPPER ARM ASSEMBLY - AG46 &amp; AG50+</b> |
|      |      | <b>7146719</b> | <b>DIPPER ARM ASSEMBLY - AG46+</b>            |
| 1    | 2    | 0100109        | FLAT WASHER                                   |
| 2    | 4    | 05.281.18      | FLAT WASHER                                   |
| 3    | 2    | 7198093        | CLAMP PLATE                                   |
| 4    | 2    | 0901121        | GREASE NIPPLE                                 |
| 5    | 1    | 22002.01       | PIVOT PIN - ANGLE RAM (BASE)                  |
| 6    | 1    | 22002.02       | PIVOT PIN - REACH RAM (ROD END)               |
| 7    | 1    | 42345.03       | DIPPER ARM - <i>AG46 &amp; AG50+ Models</i>   |
|      | 1    | 42345.05       | DIPPER ARM - <i>AG46+ Model</i>               |
| 8    | 2    | 7198077        | PIPE CLAMP                                    |
| 9    | 4    | 7213023        | PLASTIC BUSH                                  |
| 10   | 2    | 9100104        | FLAT WASHER                                   |
| 11   | 2    | 9143004        | SELF-LOCKING NUT                              |
| 12   | 2    | 9213124        | BOLT  |
| 13   | 6    | 9501406        | SPLIT PIN                                     |

**HEAD ANGLING MECHANISM**

Module:  
7146710



| REF. | QTY. | PART No.       | DESCRIPTION                     |
|------|------|----------------|---------------------------------|
|      |      | <b>7146710</b> | <b>HEAD ANGLING MECHANISM</b>   |
| 1    | 2    | 0100107        | FLAT WASHER                     |
| 2    | 2    | 05.281.18      | FLAT WASHER                     |
| 3    | 1    | 0901121        | GREASE NIPPLE                   |
| 4    | 1    | 21999.01       | SLAVE LINK                      |
| 5    | 2    | 22000.01       | RADIUS ARM                      |
| 6    | 1    | 22003.01       | PIVOT PIN - ANGLE RAM (ROD END) |
| 7    | 2    | 41690.01       | BUSH PLASTIC                    |
| 8    | 2    | 9501326        | SPLIT PIN                       |
| 9    | 2    | 9501406        | SPLIT PIN                       |



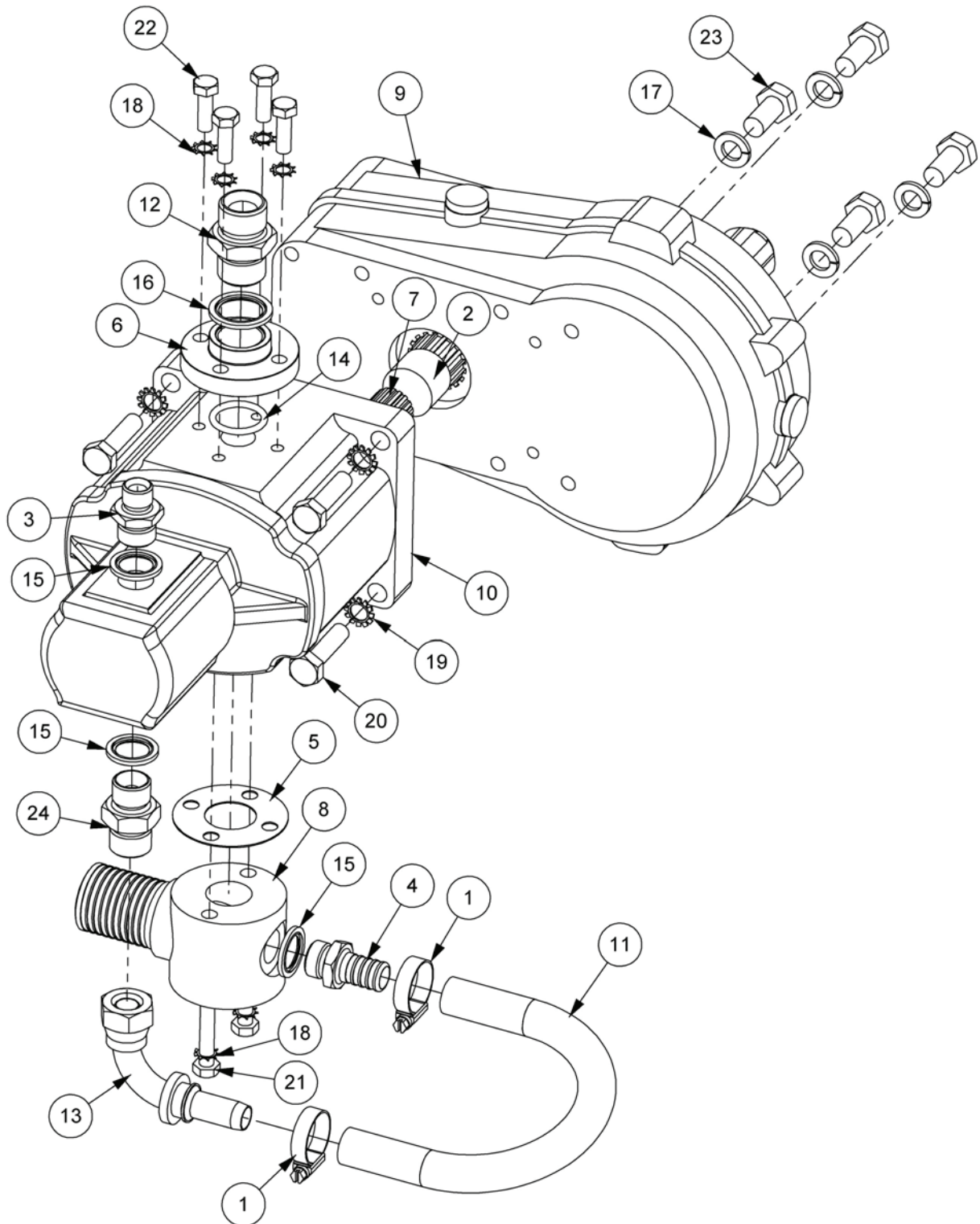
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# PUMP & GEARBOX ASSEMBLIES

## Modules:

7146729 – Std. Build

7146748 – JIC Build



**PUMP & GEARBOX ASSEMBLIES**

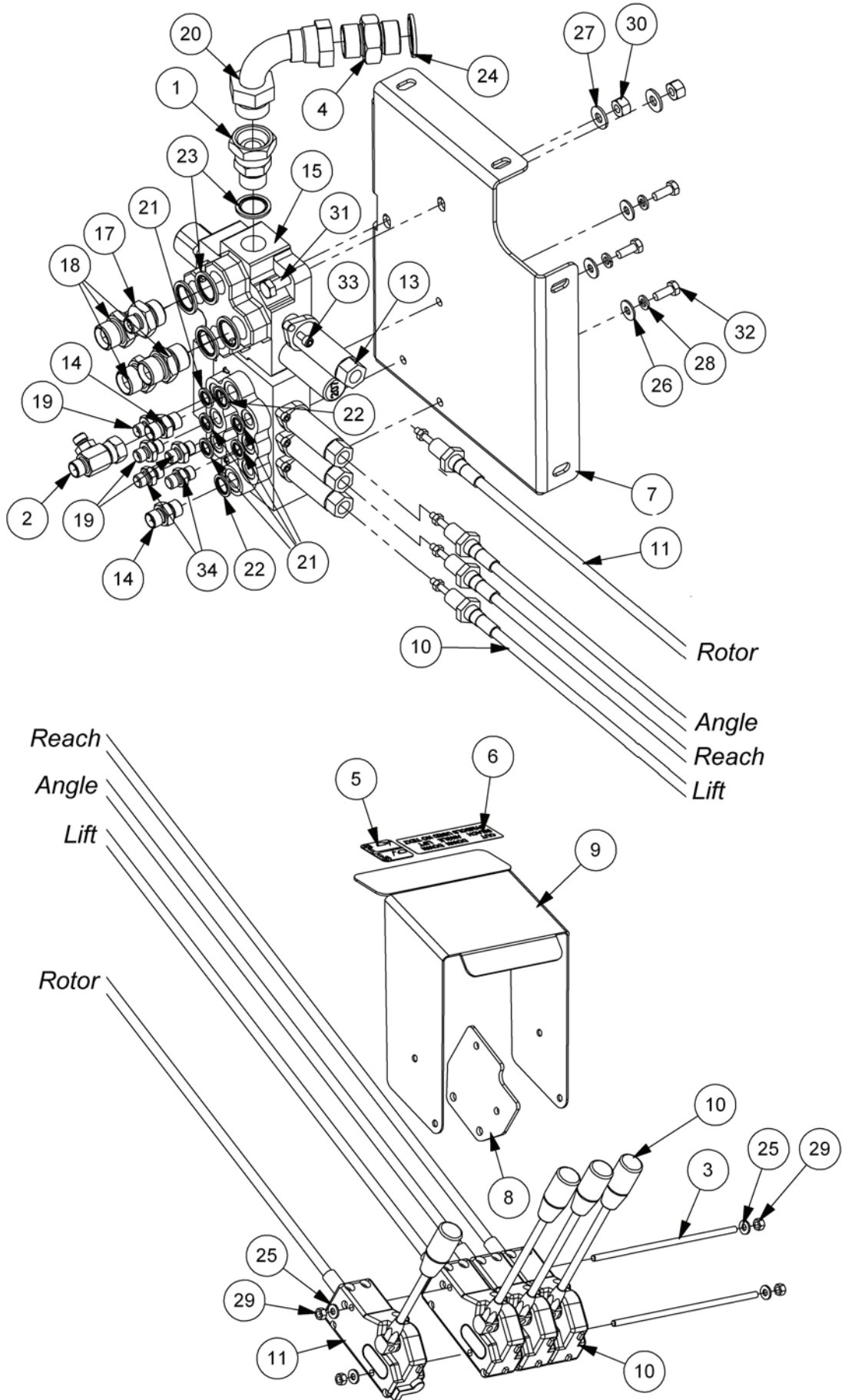
| REF. | QTY. | PART No.       | DESCRIPTION                               |
|------|------|----------------|---|
|      |      | <b>7146729</b> | <b>PUMP &amp; GEARBOX ASSEMBLY (Std.)</b> |
|      |      | <b>7146748</b> | <b>PUMP &amp; GEARBOX ASSEMBLY (JIC)</b>  |
| 1    | 2    | 0904204        | HOSE CLIP                                 |
| 2    | 1    | 42415.01       | SPACER                                    |
| 3    | 1    | 6000112        | ADAPTOR - <i>Std. Build</i>               |
|      | 1    | 8120003        | ADAPTOR - <i>JIC Build</i>                |
| 4    | 1    | 8002059        | RETURN CONNECTION                         |
| 5    | 1    | 8013023        | GASKET - INLET CONNECTION                 |
| 6    | 1    | 8013088        | PUMP FLANGE                               |
| 7    | 1    | 8013097        | COUPLING                                  |
| 8    | 1    | 8013098        | SUCTION CONNECTION                        |
| 9    | 1    | 8013536        | GEARBOX ASSEMBLY                          |
| 10   | 1    | 8201466        | TANDEM GEAR PUMP                          |
| 11   | 1    | 8501099        | RUBBER HOSE                               |
| 12   | 1    | 8581136        | ADAPTOR - <i>Std. Build</i>               |
|      | 1    | 8581167        | ADAPTOR - <i>JIC Build</i>                |
| 13   | 1    | 8581173        | SWEPT ELBOW - 90°                         |
| 14   | 1    | 8600119        | O RING                                    |
| 15   | 3    | 8650104        | BONDED SEAL                               |
| 16   | 1    | 8650106        | BONDED SEAL                               |
| 17   | 4    | 9100206        | SPRING WASHER                             |
| 18   | 6    | 9100404        | SHAKEPROOF WASHER                         |
| 19   | 4    | 9100405        | SHAKEPROOF WASHER                         |
| 20   | 4    | 9213085        | BOLT                                      |
| 21   | 2    | 9213144        | BOLT                                      |
| 22   | 4    | 9313054        | SETSCREW                                  |
| 23   | 4    | 9313056        | SETSCREW                                  |
| 24   | 1    | G3812120       | ADAPTOR                                   |
|      |      | <b>8699231</b> | <b>PUMP SEAL KIT</b>                      |

NOTE: Std. & JIC builds differ only in the specific adaptors used for items 3 & 12

# CABLE VALVE - Non Slew

Module:  
7146721

AG46 Model



**CABLE VALVE - Non Slew**

| REF. | QTY. | PART No.       | DESCRIPTION                                     |
|------|------|----------------|---|
|      |      | <b>7146721</b> | <b>VALVE &amp; CONTROLS ASSEMBLY - Non Slew</b> |
| 1    | 1    | 02.714.05      | ADAPTOR SWIVEL                                  |
| 2    | 1    | 04.056.16      | ADAPTOR TEE                                     |
| 3    | 2    | 04.282.70      | STUD  |
| 4    | 1    | 05.434.01      | ADAPTOR   |
| 5    | 1    | 1290338        | DECAL - ROTOR REVERSE                           |
| 6    | 1    | 1290368        | DECAL - CONTROL                                 |
| 7    | 1    | 21992.02       | VALVE MOUNTING PLATE - AG46 R/H Build           |
| 8    | 1    | 22004.01       | MOUNTING PLATE                                  |
| 9    | 1    | 22005.01       | ARMREST   |
| 10   | 3    | 47531.10       | 2.5M CABLE - BLACK KNOB                         |
| 11   | 1    | 47531.07       | 2.5M CABLE (REV LOCK) - RED KNOB                |
| 12   | 3    | 47532.01       | CABLE FIXING KIT - ARMHEAD VALVE                |
| 13   | 1    | 47539.01       | CABLE FIXING KIT - ROTOR VALVE                  |
| 14   | 2    | 6000113        | ADAPTOR   |
| 15   | 1    | 8125355        | ROTOR CONTROL VALVE - R/H Build                 |
| 16   | 1    | 8136250        | MONOBLOCK DIRECTIONAL CONTROL VALVE             |
| 17   | 1    | 8581131        | ADAPTOR   |
| 18   | 3    | 8581136        | ADAPTOR   |
| 19   | 3    | 8581169        | ADAPTOR   |
| 20   | 1    | 8581264        | ADAPTOR - SWEPT 90°                             |
| 21   | 5    | 8650102        | BONDED SEAL                                     |
| 22   | 2    | 8650103        | BONDED SEAL                                     |
| 23   | 5    | 8650106        | BONDED SEAL                                     |
| 24   | 1    | 8650108        | BONDED SEAL                                     |
| 25   | 4    | 9100103        | FLAT WASHER                                     |
| 26   | 3    | 9100104        | FLAT WASHER                                     |
| 27   | 2    | 9100105        | FLAT WASHER                                     |
| 28   | 3    | 9100204        | SPRING WASHER                                   |
| 29   | 4    | 9143003        | SELF-LOCKING NUT                                |
| 30   | 2    | 9143005        | SELF-LOCKING NUT                                |
| 31   | 2    | 9213085        | BOLT  |
| 32   | 3    | 9313044        | SETSCREW  |
| 33   | 2    | 9343023        | CAPSCREW  |
| 34   | 2    | 8130104        | ADAPTOR RESRICTOR - 1.8 'G'                     |



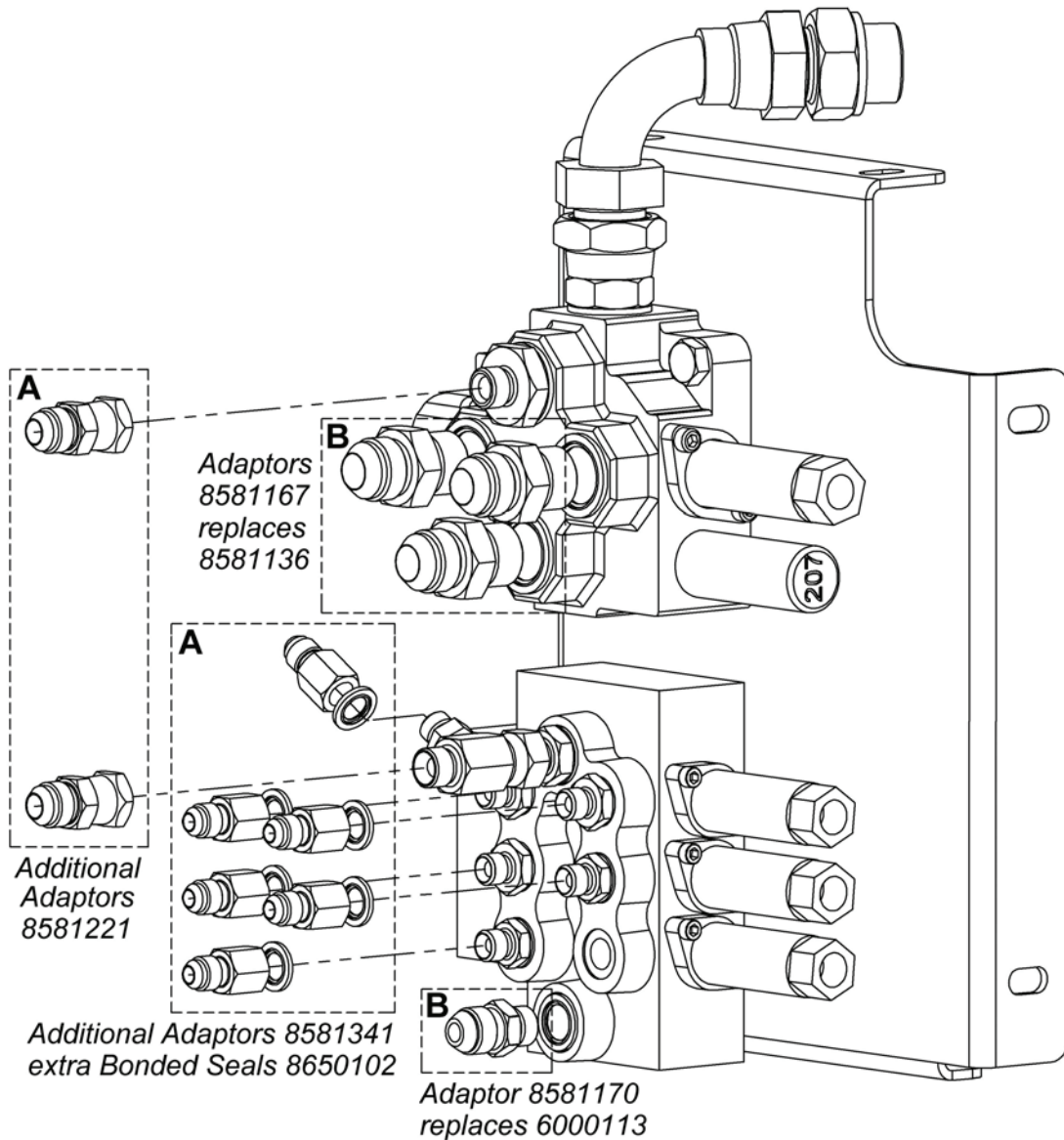
**CABLE VALVE – Non Slew (JIC)**

**Module:**  
7146746 – JIC Build

**AG46 Model**

**Assembly 7146746 (JIC variant of Std. Assembly 7146721)**

*Conversion of 7146721 (Std. build) to 7146746 (JIC build) requires the addition of components 'A' and replacement of components 'B'*



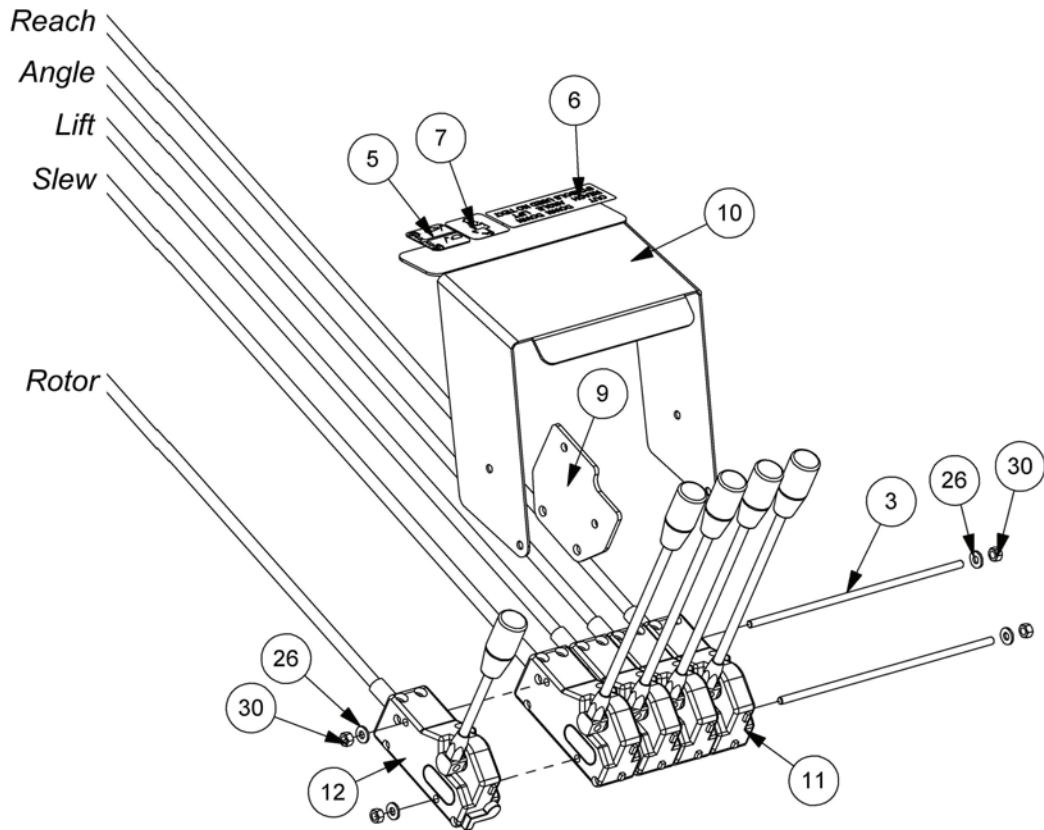
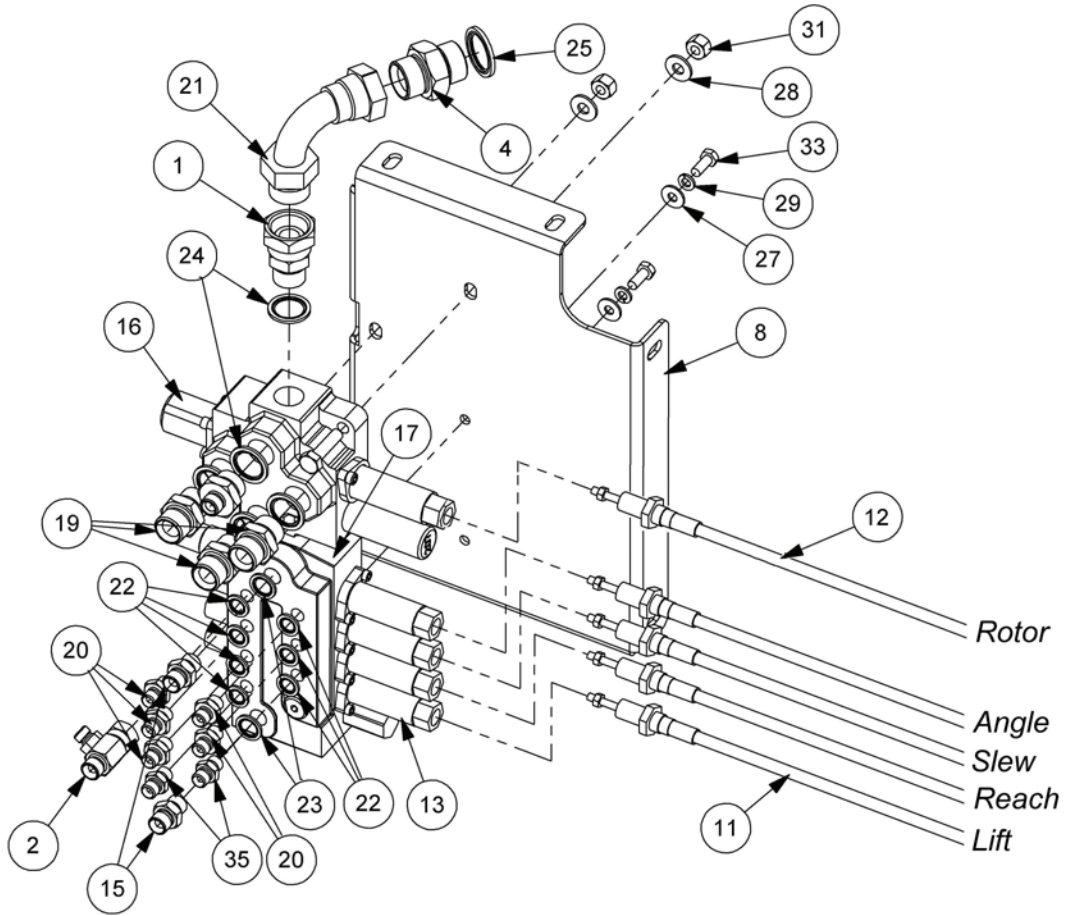
**CABLE VALVE – Non Slew (JIC)**

| REF. | QTY. | PART No.       | DESCRIPTION   |
|------|------|----------------|---|
|      |      | <b>7146721</b> | <b>VALVES &amp; CABLE CONTROLS - Non Slew</b>       |
|      |      | <b>7146746</b> | <b>VALVES &amp; CABLE CONTROLS - Non Slew (JIC)</b> |
| 1    | 1    | 02.714.05      | ADAPTOR SWIVEL                                      |
| 2    | 1    | 04.056.16      | ADAPTOR TEE   |
| 3    | 2    | 04.282.70      | STUD  |
| 4    | 1    | 05.434.01      | ADAPTOR   |
| 5    | 1    | 1290338        | DECAL - ROTOR REVERSE                               |
| 6    | 1    | 1290368        | DECAL - CONTROL                                     |
| 7    | 1    | 21992.02       | VALVE MOUNTING PLATE                                |
| 8    | 1    | 22004.01       | MOUNTING PLATE                                      |
| 9    | 1    | 22005.01       | ARMREST   |
| 10   | 3    | 47531.10       | 2.5M CABLE - BLACK KNOB                             |
| 11   | 1    | 47531.07       | 2.5M CABLE (REV LOCK) - RED KNOB                    |
| 12   | 3    | 47532.01       | CABLE FIXING KIT - ARMHEAD VALVE                    |
| 13   | 1    | 47539.01       | CABLE FIXING KIT - ROTOR VALVE                      |
| 14   | 2*   | 6000113        | ADAPTOR - * Qty 1 on JIC build                      |
| 15   | 1    | 8125355        | ROTOR CONTROL VALVE - R/H Build                     |
| 16   | 1    | 8136250        | MONOBLOCK DIRECTIONAL CONTROL VALVE                 |
| 17   | 1    | 8581131        | ADAPTOR   |
| 18   | 3    | 8581136        | ADAPTOR - <i>Std. build only</i>                    |
|      | 3    | 8581167        | ADAPTOR - <i>JIC build only</i>                     |
| 19   | 3    | 8581169        | ADAPTOR   |
| 20   | 1    | 8581264        | ADAPTOR - SWEPT 90°                                 |
| 21   | 5*   | 8650102        | BONDED SEAL - * Qty 11 on JIC build                 |
| 22   | 2    | 8650103        | BONDED SEAL   |
| 23   | 5    | 8650106        | BONDED SEAL   |
| 24   | 1    | 8650108        | BONDED SEAL   |
| 25   | 4    | 9100103        | FLAT WASHER   |
| 26   | 3    | 9100104        | FLAT WASHER   |
| 27   | 2    | 9100105        | FLAT WASHER   |
| 28   | 3    | 9100204        | SPRING WASHER                                       |
| 29   | 4    | 9143003        | SELF-LOCKING NUT                                    |
| 30   | 2    | 9143005        | SELF-LOCKING NUT                                    |
| 31   | 2    | 9213085        | BOLT  |
| 32   | 3    | 9313044        | SETSCREW  |
| 33   | 2    | 9343023        | CAPSCREW  |
| 34   | 2    | 8130104        | ADAPTOR RESRICTOR - 1.8 'G'                         |
| 35   | 6    | 8581341        | ADAPTOR - <i>JIC build only</i>                     |
| 36   | 2    | 8581221        | ADAPTOR - <i>JIC build only</i>                     |
| 37   | 1    | 8581170        | ADAPTOR - <i>JIC build only</i>                     |

# CABLE VALVE - With Slew

Module:  
7146741

AG46+ / AG50+ Models



**CABLE VALVE - With Slew**

| REF. | QTY. | PART No.       | DESCRIPTION                                      |
|------|------|----------------|--|
|      |      | <b>7146741</b> | <b>VALVE &amp; CONTROLS ASSEMBLY - with Slew</b> |
| 1    | 1    | 02.714.05      | ADAPTOR SWIVEL                                   |
| 2    | 1    | 04.056.16      | ADAPTOR TEE                                      |
| 3    | 2    | 04.282.71      | STUD   |
| 4    | 1    | 05.434.01      | ADAPTOR  |
| 5    | 1    | 1290338        | DECAL - ROTOR REVERSE                            |
| 6    | 1    | 1290368        | DECAL - CONTROL STICKER                          |
| 7    | 1    | 1290541        | DECAL - SLEW                                     |
| 8    | 1    | 21992.04       | VALVE MOUNTING - R/H Build                       |
| 9    | 1    | 22004.01       | MOUNTING PLATE                                   |
| 10   | 1    | 22005.02       | ARM REST - 5 FUNCTION                            |
| 11   | 4    | 47531.06       | 2.5M CABLE - BLACK KNOB                          |
| 12   | 1    | 47531.07       | 2.5M CABLE (REV LOCK) - RED KNOB                 |
| 13   | 4    | 47532.01       | CABLE FIXING KIT                                 |
| 14   | 1    | 47539.01       | CABLE FIXING KIT                                 |
| 15   | 2    | 6000113        | ADAPTOR  |
| 16   | 1    | 8125355        | ROTOR CONTROL VALVE - R/H Build                  |
| 17   | 1    | 8136260        | 4 SPOOL VALVE ASSEMBLY                           |
| 18   | 1    | 8581131        | ADAPTOR  |
| 19   | 3    | 8581136        | ADAPTOR  |
| 20   | 5    | 8581169        | ADAPTOR  |
| 21   | 1    | 8581264        | ADAPTOR - SWEEP 90°                              |
| 22   | 7    | 8650102        | BONDED SEAL                                      |
| 23   | 2    | 8650103        | BONDED SEAL                                      |
| 24   | 5    | 8650106        | BONDED SEAL                                      |
| 25   | 1    | 8650108        | BONDED SEAL                                      |
| 26   | 4    | 9100103        | FLAT WASHER                                      |
| 27   | 2    | 9100104        | FLAT WASHER                                      |
| 28   | 2    | 9100105        | FLAT WASHER                                      |
| 29   | 2    | 9100204        | SPRING WASHER                                    |
| 30   | 4    | 9143003        | SELF-LOCKING NUT                                 |
| 31   | 2    | 9143005        | SELF-LOCKING NUT                                 |
| 32   | 2    | 9213085        | BOLT   |
| 33   | 2    | 9313044        | SETSCREW   |
| 34   | 2    | 9343023        | CAPSCREW   |
| 35   | 2    | 8130104        | ADAPTOR RESTRICTOR                               |

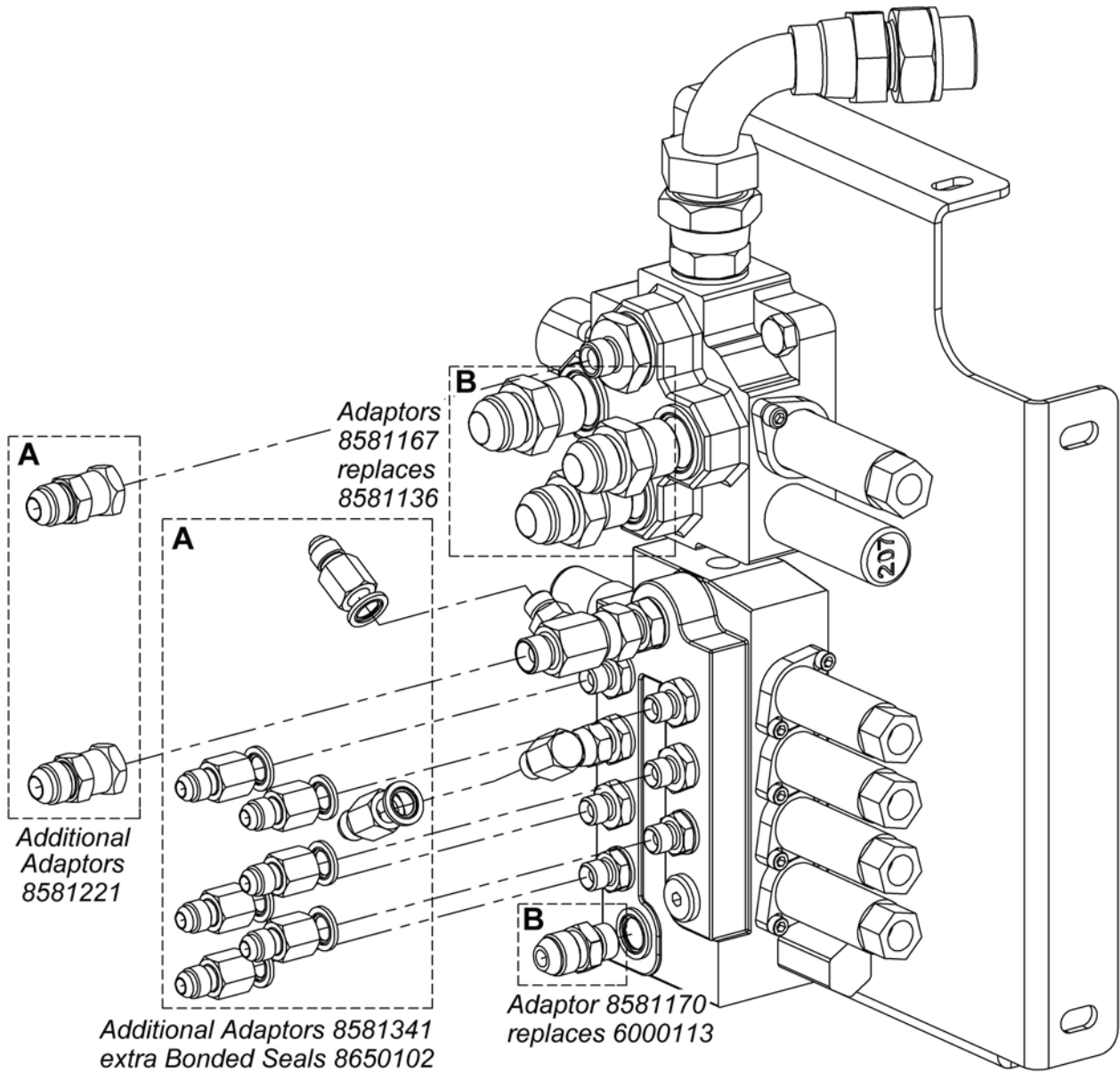
# CABLE VALVE – With Slew (JIC)

**Module:**  
7146747 – JIC Build

**AG46+ / AG50+ Models**

## Assembly 7146747 (JIC variant of Std. Assembly 7146741)

*Conversion of 7146741 (Std. build) to 7146747 (JIC build) requires the addition of components 'A' and replacement of components 'B'*





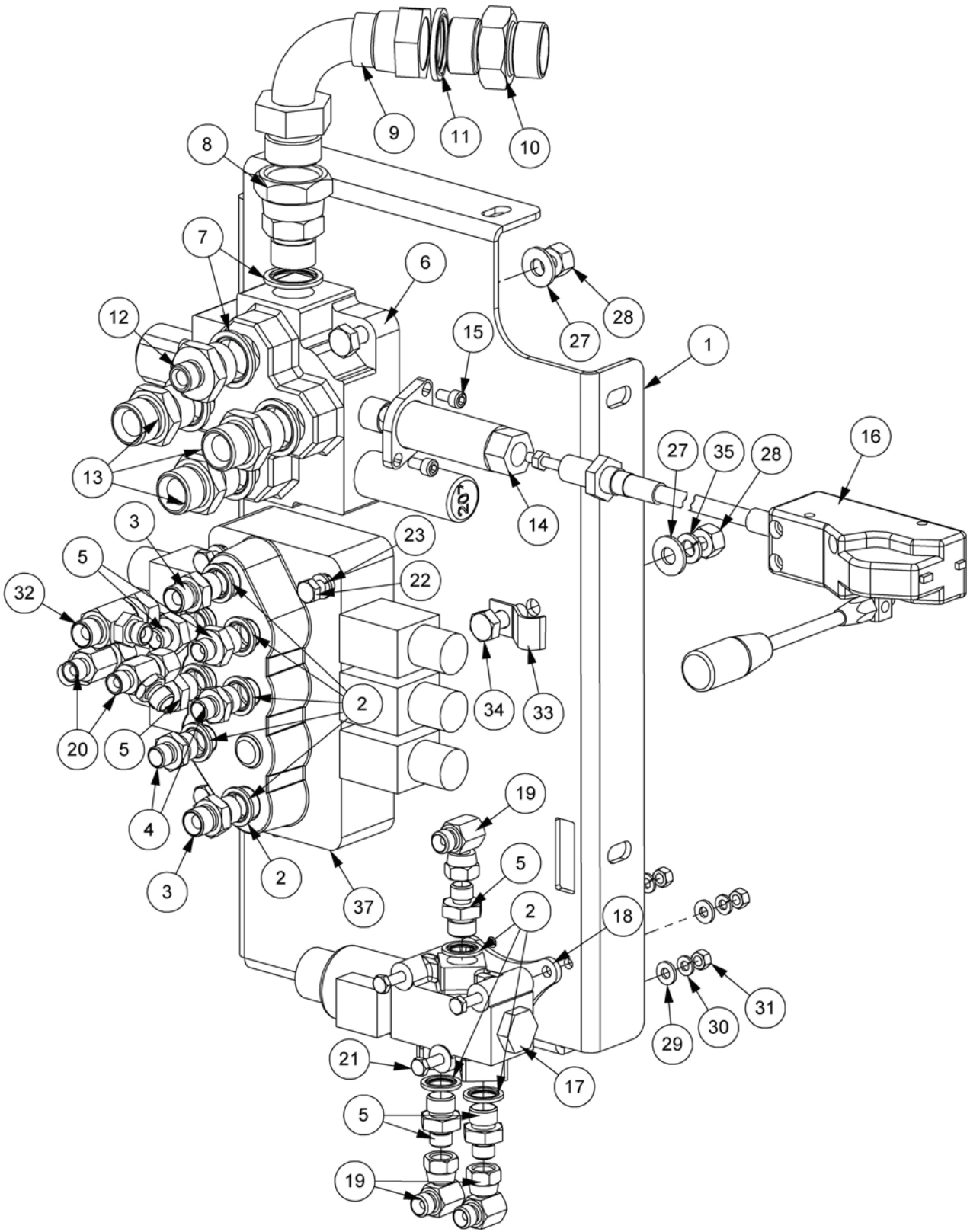
**CABLE VALVE – With Slew (JIC)**

| REF. | QTY. | PART No.       | DESCRIPTION                                    |
|------|------|----------------|--|
|      |      | <b>7146741</b> | <b>CABLE VALVES ASSEMBLY - with Slew</b>       |
|      |      | <b>7146747</b> | <b>CABLE VALVES ASSEMBLY - with Slew (JIC)</b> |
| 1    | 1    | 02.714.05      | ADAPTOR SWIVEL                                 |
| 2    | 1    | 04.056.16      | ADAPTOR TEE                                    |
| 3    | 2    | 04.282.71      | STUD   |
| 4    | 1    | 05.434.01      | ADAPTOR  |
| 5    | 1    | 1290338        | DECAL - ROTOR REVERSE                          |
| 6    | 1    | 1290368        | DECAL - CONTROL STICKER                        |
| 7    | 1    | 1290541        | DECAL - SLEW                                   |
| 8    | 1    | 21992.04       | VALVE MOUNTING - R/H Build                     |
| 9    | 1    | 22004.01       | MOUNTING PLATE                                 |
| 10   | 1    | 22005.02       | ARM REST - 5 FUNCTION                          |
| 11   | 4    | 47531.10       | 2.5M CABLE - BLACK KNOB                        |
| 12   | 1    | 47531.07       | 2.5M CABLE (REV LOCK) - RED KNOB               |
| 13   | 4    | 47532.01       | CABLE FIXING KIT                               |
| 14   | 1    | 47539.01       | CABLE FIXING KIT                               |
| 15   | 2*   | 6000113        | ADAPTOR - * Qty 1 on JIC build                 |
| 16   | 1    | 8125355        | ROTOR CONTROL VALVE - R/H Build                |
| 17   | 1    | 8136260        | 4 SPOOL VALVE ASSEMBLY                         |
| 18   | 1    | 8581131        | ADAPTOR  |
| 19   | 3    | 8581136        | ADAPTOR - Std. build only                      |
|      | 3    | 8581167        | ADAPTOR - JIC build only                       |
| 20   | 5    | 8581169        | ADAPTOR  |
| 21   | 1    | 8581264        | ADAPTOR - SWEPT 90°                            |
| 22   | 7*   | 8650102        | BONDED SEAL - * Qty 15 on JIC build            |
| 23   | 2    | 8650103        | BONDED SEAL                                    |
| 24   | 5    | 8650106        | BONDED SEAL                                    |
| 25   | 1    | 8650108        | BONDED SEAL                                    |
| 26   | 4    | 9100103        | FLAT WASHER                                    |
| 27   | 2    | 9100104        | FLAT WASHER                                    |
| 28   | 2    | 9100105        | FLAT WASHER                                    |
| 29   | 2    | 9100204        | SPRING WASHER                                  |
| 30   | 4    | 9143003        | SELF-LOCKING NUT                               |
| 31   | 2    | 9143005        | SELF-LOCKING NUT                               |
| 32   | 2    | 9213085        | BOLT   |
| 33   | 2    | 9313044        | SETSCREW                                       |
| 34   | 2    | 9343023        | CAPSCREW                                       |
| 35   | 2    | 8130104        | ADAPTOR RESTRICTOR                             |
| 36   | 8    | 8581341        | ADAPTOR - JIC build only                       |
| 37   | 2    | 8581221        | ADAPTOR - JIC build only                       |
| 38   | 1    | 8581170        | ADAPTOR - JIC build only                       |

# ELECTRIC VALVE – Non Slew

Module:  
7146742

AG46 Models



**ELECTRIC VALVE – Non Slew**

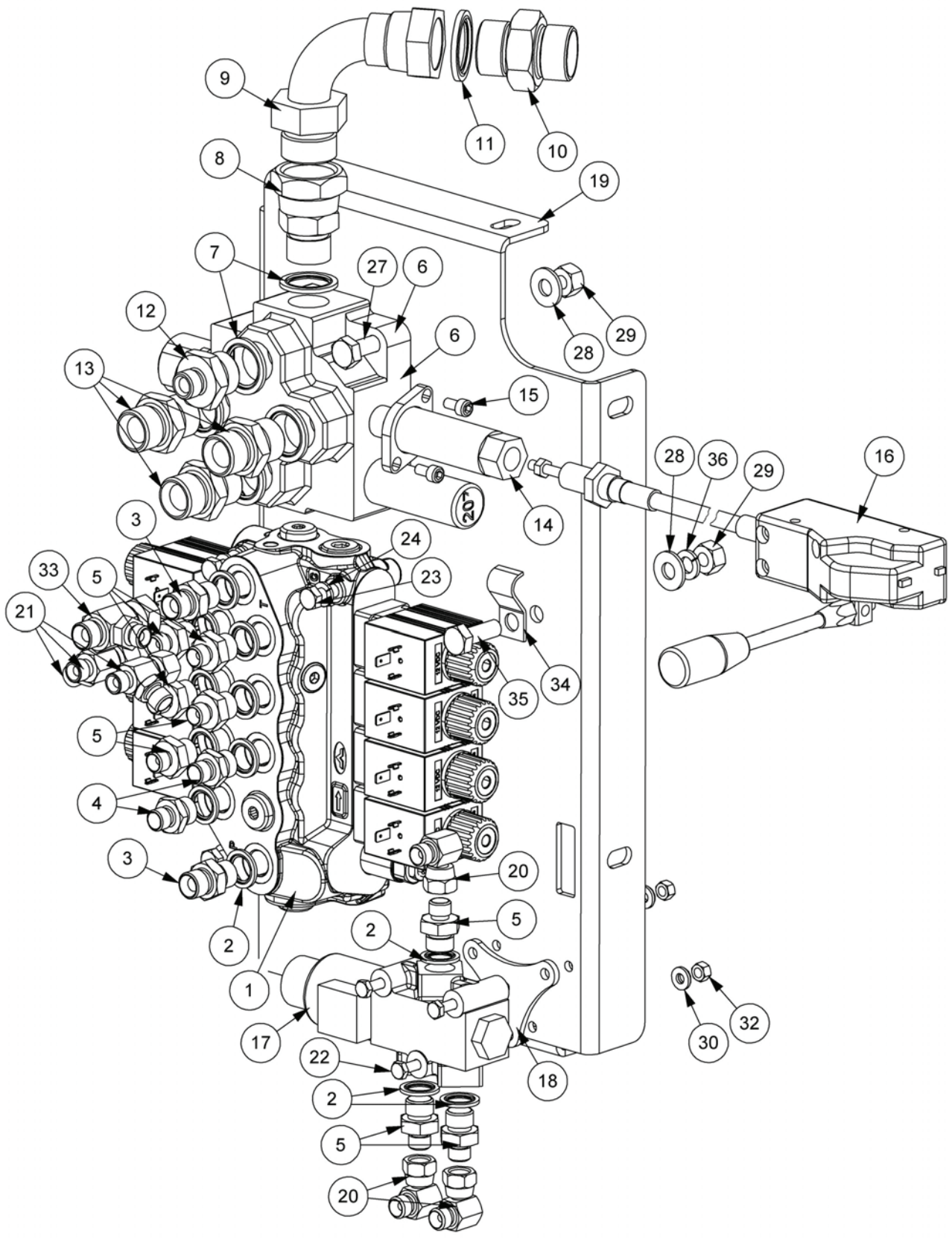
| REF. | QTY. | PART No.       | DESCRIPTION                               |
|------|------|----------------|---|
|      |      | <b>7146742</b> | <b>ELECTRIC VALVE ASSEMBLY - Non Slew</b> |
| 1    | 1    | 21992.05       | ELECTRIC VALVE PLATE                      |
| 2    | 10   | 8650103        | BONDED SEAL                               |
| 3    | 2    | 6000113        | ADAPTOR                                   |
| 4    | 2    | 8130047        | RESTRICTOR - 1.8 B                        |
| 5    | 6    | 01.099.01      | ADAPTOR                                   |
| 6    | 1    | 8125355        | ROTOR CONTROL VALVE - R/H Build           |
| 7    | 5    | 8650106        | BONDED SEAL                               |
| 8    | 1    | 02.714.05      | ADAPTOR SWIVEL                            |
| 9    | 1    | 8581264        | ADAPTOR - SWEPT 90°                       |
| 10   | 1    | 05.434.01      | ADAPTOR                                   |
| 11   | 1    | 8650108        | BONDED SEAL                               |
| 12   | 1    | 8581131        | ADAPTOR                                   |
| 13   | 3    | 8581136        | ADAPTOR                                   |
| 14   | 1    | 47539.01       | CABLE FIXING KIT                          |
| 15   | 2    | 9343023        | CAPSCREW                                  |
| 16   | 1    | 47531.07       | 2.5M CABLE (REV LOCK) - RED KNOB          |
| 17   | 1    | 199.334        | SOLENOID DIVERTER - 3 WAY                 |
| 18   | 1    | 199.340        | PLATE                                     |
| 19   | 3    | 8581190        | ADAPTOR ELBOW - 90°                       |
| 20   | 2    | 8581254        | ADAPTOR TEE                               |
| 21   | 3    | 9213123        | BOLT                                      |
| 22   | 3    | 9213144        | BOLT                                      |
| 23   | 3    | 9100204        | SPRING WASHER                             |
| 24   | 3    | 9143004        | SELF-LOCKING NUT                          |
| 25   | 3    | 9100104        | FLAT WASHER                               |
| 26   | 2    | 9213085        | BOLT                                      |
| 27   | 3    | 9100105        | FLAT WASHER                               |
| 28   | 3    | 9143005        | SELF-LOCKING NUT                          |
| 29   | 3    | 9100103        | FLAT WASHER                               |
| 30   | 3    | 9100203        | SPRING WASHER                             |
| 31   | 3    | 9143003        | SELF-LOCKING NUT                          |
| 32   | 1    | 04.056.16      | ADAPTOR TEE                               |
| 33   | 1    | 7109151        | CABLE CLAMP                               |
| 34   | 1    | 9213065        | BOLT                                      |
| 35   | 1    | 9100205        | SPRING WASHER                             |
| 36   | 1    | 41844.06       | MAIN LOOM - <i>not illustrated</i>        |
| 37   | 1    | 8136262        | VALVE                                     |



# ELECTRIC VALVE – With Slew

Module:  
7146743

AG46+ / AG50+ Models



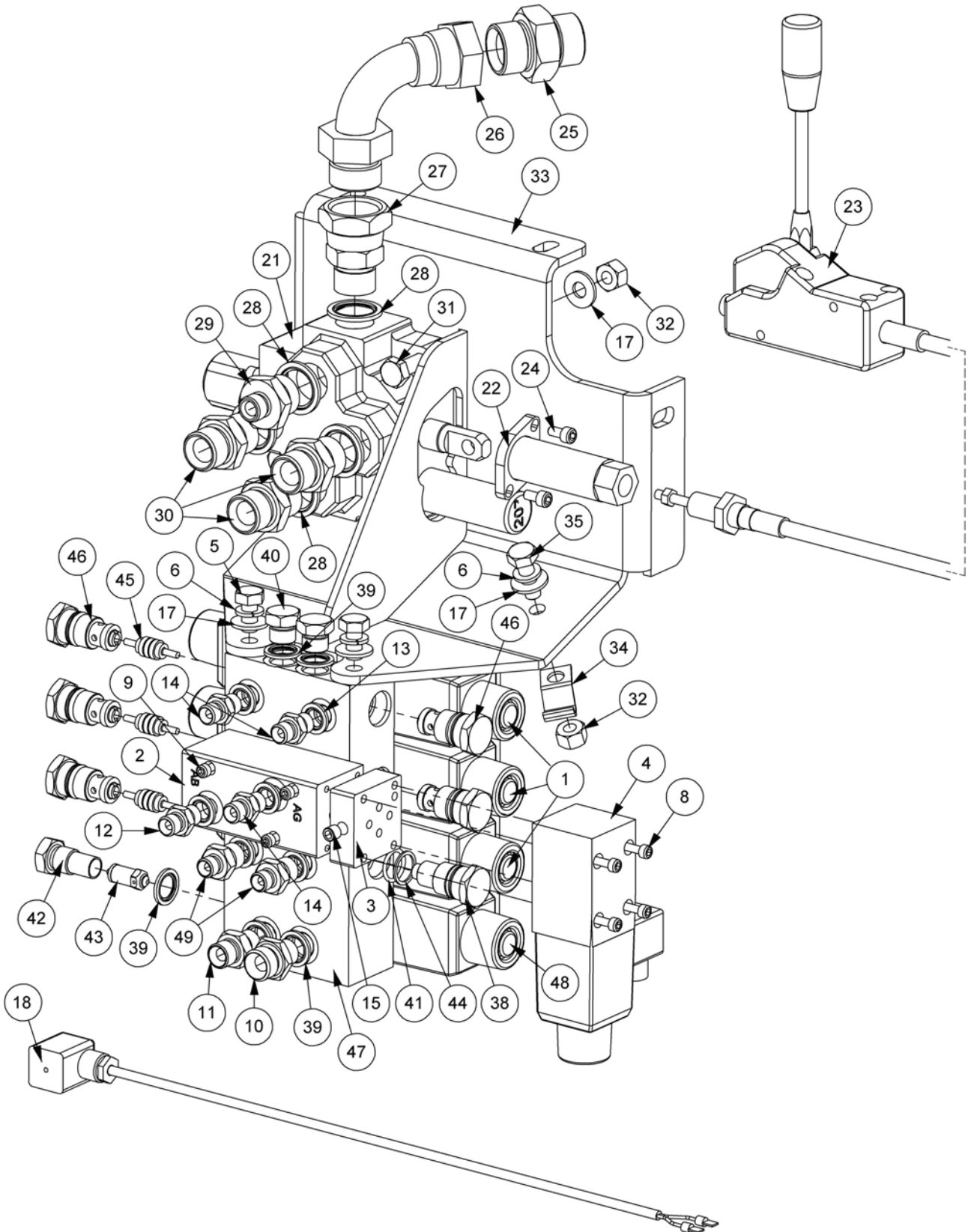
**ELECTRIC VALVE – With Slew**

| REF. | QTY. | PART No.       | DESCRIPTION                        |
|------|------|----------------|------------------------------------|
|      |      | <b>7146743</b> | <b>ELECTRIC VALVE ASSEMBLY</b>     |
| 1    | 1    | 8136261        | ELECTRIC VALVE                     |
| 2    | 12   | 8650103        | BONDED SEAL                        |
| 3    | 2    | 6000113        | ADAPTOR                            |
| 4    | 2    | 8130047        | RESTRICTOR - 1.8 B                 |
| 5    | 8    | 01.099.01      | ADAPTOR                            |
| 6    | 1    | 8125355        | ROTOR CONTROL VALVE - R/H Build    |
| 7    | 5    | 8650106        | BONDED SEAL                        |
| 8    | 1    | 02.714.05      | ADAPTOR SWIVEL                     |
| 9    | 1    | 8581264        | ADAPTOR - SWEPT 90°                |
| 10   | 1    | 05.434.01      | ADAPTOR                            |
| 11   | 1    | 8650108        | BONDED SEAL                        |
| 12   | 1    | 8581131        | ADAPTOR                            |
| 13   | 3    | 8581136        | ADAPTOR                            |
| 14   | 1    | 47539.01       | CABLE FIXING KIT                   |
| 15   | 2    | 9343023        | CAPSCREW                           |
| 16   | 1    | 47531.07       | 2.5M CABLE (REV LOCK) - RED KNOB   |
| 17   | 1    | 199.334        | SOLENOID DIVERTER - 3 WAY          |
| 18   | 1    | 199.340        | PLATE                              |
| 19   | 1    | 21992.05       | ELECTRIC VALVE PLATE               |
| 20   | 3    | 8581190        | ADAPTOR ELBOW - 90°                |
| 21   | 2    | 8581254        | ADAPTOR TEE                        |
| 22   | 3    | 9213123        | BOLT                               |
| 23   | 3    | 9213144        | BOLT                               |
| 24   | 3    | 9100204        | SPRING WASHER                      |
| 25   | 3    | 9143004        | SELF-LOCKING NUT                   |
| 26   | 3    | 9100104        | FLAT WASHER                        |
| 27   | 2    | 9213085        | BOLT                               |
| 28   | 3    | 9100105        | FLAT WASHER                        |
| 29   | 3    | 9143005        | SELF-LOCKING NUT                   |
| 30   | 3    | 9100103        | FLAT WASHER                        |
| 31   | 3    | 9100203        | SPRING WASHER                      |
| 32   | 3    | 9143003        | SELF-LOCKING NUT                   |
| 33   | 1    | 04.056.16      | ADAPTOR TEE                        |
| 34   | 1    | 7109151        | CABLE CLAMP                        |
| 35   | 1    | 9213065        | BOLT                               |
| 36   | 1    | 9100205        | SPRING WASHER                      |
| 37   | 1    | 41844.06       | MAIN LOOM - <i>not illustrated</i> |

# PROP. VALVE - Non Slew

Module:  
7146744

AG46 Models



**PROP. VALVE - Non Slew**

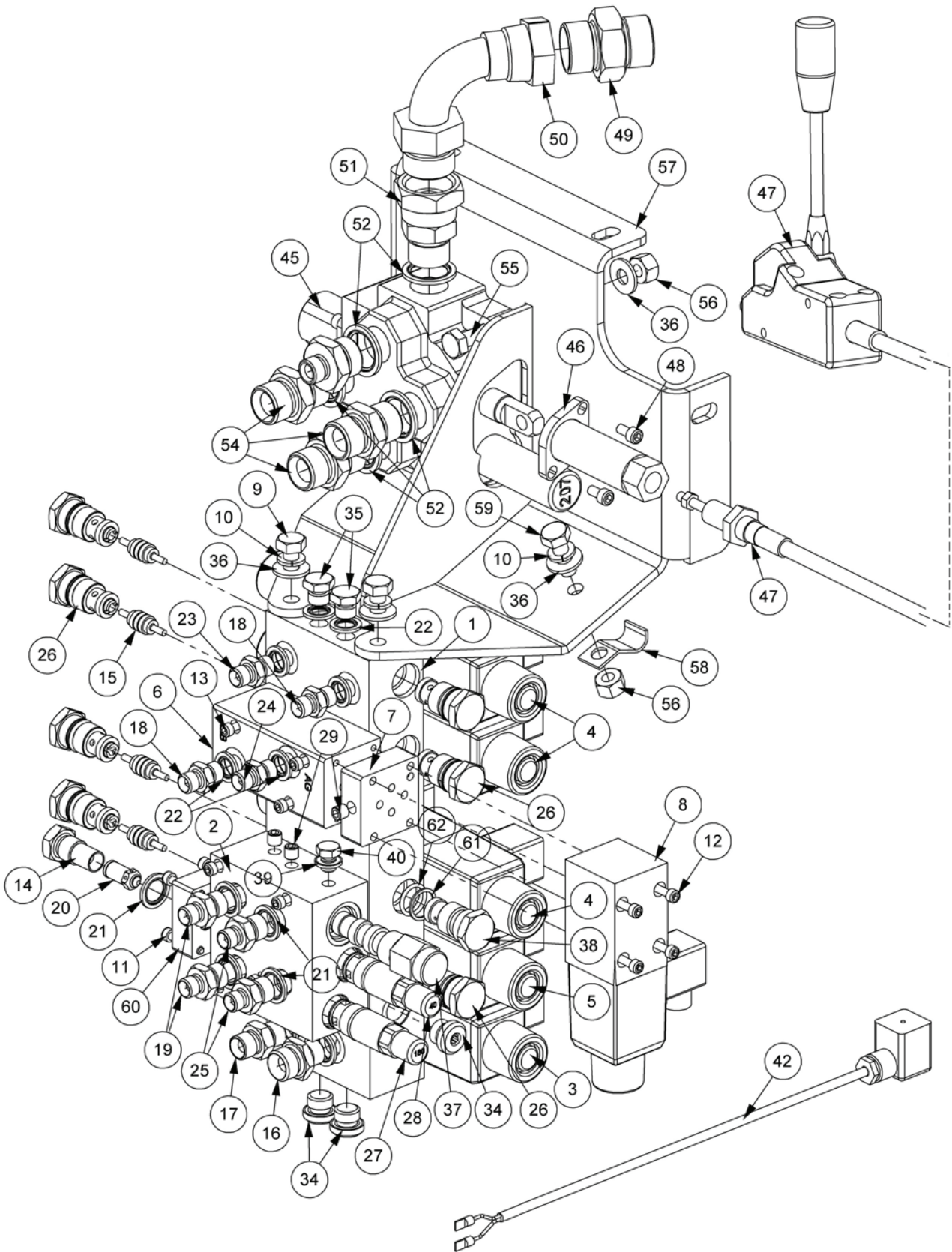
| REF. | QTY. | PART No.       | DESCRIPTION                            |
|------|------|----------------|--|
|      |      | <b>7146744</b> | <b>PROP. VALVE ASSEMBLY - Non Slew</b> |
| 1    | 3    | 41784.48       | DOUBLE SOLENOID PROP. VALVE            |
| 2    | 1    | 8126333        | FLOAT VALVE BLOCK                      |
| 3    | 1    | 8126334        | BRIDGING PLATE                         |
| 4    | 1    | 8130457        | SINGLE SOLENOID VALVE                  |
| 5    | 2    | 9313045        | SETSCREW                               |
| 6    | 3    | 9100205        | SPRING WASHER                          |
| 7    | 16   | 9243062        | CAPSCREW                               |
| 8    | 4    | 9243102        | CAPSCREW                               |
| 9    | 4    | 9243082        | CAPSCREW                               |
| 10   | 1    | 6000112        | ADAPTOR                                |
| 11   | 1    | 6000113        | ADAPTOR                                |
| 12   | 1    | 8130105        | ADAPTOR RESTRICTOR - 1.6 'H'           |
| 13   | 6    | 8650102        | BONDED SEAL                            |
| 14   | 3    | 8130038        | ADAPTOR RESTRICTOR - 1.4 'L'           |
| 15   | 1    | 8582041        | TAPER PLUG                             |
| 16   | 11   | 8700511        | O RING                                 |
| 17   | 5    | 9100105        | FLAT WASHER                            |
| 18   | 2    | 8402338        | LOOM - ANGLE FLOAT                     |
| 19   | 1    | 8700525        | O RING                                 |
| 20   | 1    | 8700522        | O RING                                 |
| 21   | 1    | 8125355        | ROTOR CONTROL VALVE - R/H Build        |
| 22   | 1    | 47539.01       | CABLE FIXING KIT                       |
| 23   | 1    | 47531.07       | 2.5M CABLE (REV LOCK) - RED KNOB       |
| 24   | 2    | 9343023        | CAPSCREW                               |
| 25   | 1    | 05.434.01      | ADAPTOR                                |
| 26   | 1    | 8581264        | ADAPTOR - SWEPT 90°                    |
| 27   | 1    | 02.714.05      | SWIVEL ADAPTOR                         |
| 28   | 5    | 8650106        | BONDED SEAL                            |
| 29   | 1    | 8581131        | ADAPTOR                                |
| 30   | 3    | 8581136        | ADAPTOR                                |
| 31   | 2    | 9213085        | BOLT                                   |
| 32   | 3    | 9143005        | SELF-LOCKING NUT                       |
| 33   | 1    | 21992.06       | VALVE BRACKET                          |
| 34   | 1    | 7109151        | CABLE CLAMP                            |
| 35   | 1    | 9213065        | BOLT                                   |
| 36   | 1    | 41844.02       | MAIN LOOM - <i>not illustrated</i>     |
| 37   | 1    | 7313282        | CAB MOUNTING KIT                       |
| 38   | 1    | 8130078        | CHECK VALVE CAP                        |
| 39   | 5    | 8650103        | BONDED SEAL                            |
| 40   | 2    | 8003001        | ADAPTOR PLUG                           |
| 41   | 1    | 8700644        | O RING                                 |
| 42   | 1    | 8130032        | RELIEF VALVE CAP                       |
| 43   | 1    | 8130124        | RELIEF VALVE - 140BAR                  |
| 44   | 1    | 8709644        | BACK UP RING                           |
| 45   | 3    | 8130087        | ACTUATOR                               |
| 46   | 5    | 8130090        | CHECK VALVE ASSEMBLY                   |
| 47   | 1    | 8130321        | MANIFOLD BLOCK - 3 FUNCTION            |
| 48   | 1    | 8130456        | CUT OFF SOLENOID VALVE                 |
| 49   | 2    | 8581115        | ADAPTOR                                |



# PROP. VALVE - With Slew

Module:  
7146745

AG46+ / AG50+ Models



**PROP. VALVE - With Slew**

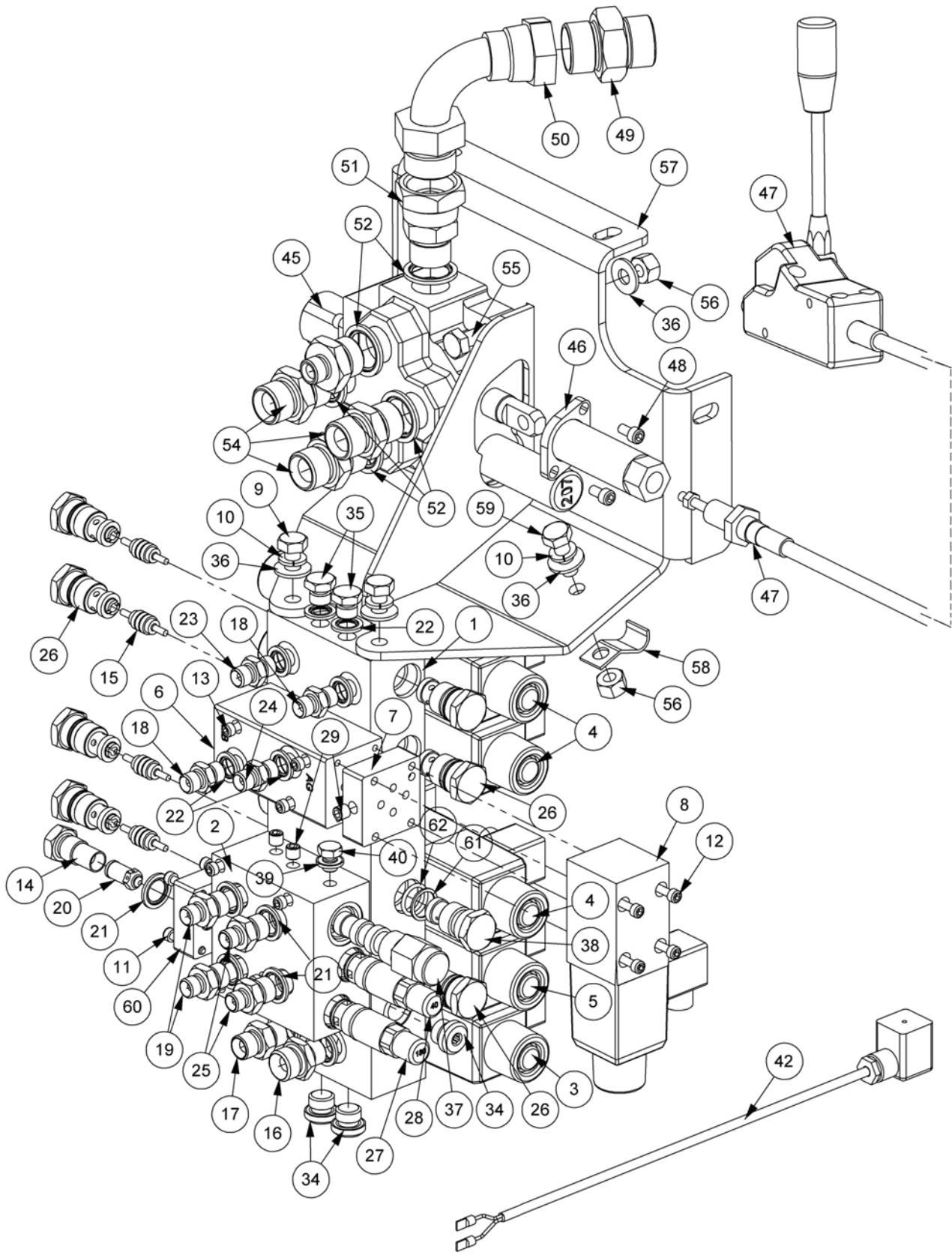
| REF. | QTY. | PART No.       | DESCRIPTION                             |
|------|------|----------------|---|
|      |      | <b>7146745</b> | <b>PROP. VALVE ASSEMBLY - with Slew</b> |
| 1    | 1    | 8132280        | MANIFOLD BLOCK                          |
| 2    | 1    | 8132288        | AUTO RESET BLOCK                        |
| 3    | 1    | 8130456        | CUT OFF SOLENOID VALVE                  |
| 4    | 3    | 41784.48       | DOUBLE SOLENOID PROP. VALVE             |
| 5    | 1    | 8130629        | VALVE - DOUBLE SOLENOID                 |
| 6    | 1    | 8126333        | FLOAT VALVE BLOCK                       |
| 7    | 1    | 8126334        | BRIDGING PLATE                          |
| 8    | 1    | 8130457        | SOLENOID VALVE - SINGLE                 |
| 9    | 2    | 9313045        | SETSCREW                                |
| 10   | 3    | 9100205        | SPRING WASHER                           |
| 11   | 24   | 9243062        | CAPSCREW                                |
| 12   | 4    | 9243102        | CAPSCREW                                |
| 13   | 8    | 9243082        | CAPSCREW                                |
| 14   | 1    | 8130032        | RELIEF VALVE CAP                        |
| 15   | 4    | 8130087        | ACTUATOR                                |
| 16   | 1    | 6000112        | ADAPTOR                                 |
| 17   | 1    | 6000113        | ADAPTOR                                 |
| 18   | 2    | 8130105        | ADAPTOR RESTRICTOR - 1.6 'H'            |
| 19   | 2    | 8581210        | ADAPTOR - SPECIAL                       |
| 20   | 1    | 8130092        | RELIEF VALVE - 190BAR                   |
| 21   | 7    | 8650103        | BONDED SEAL                             |
| 22   | 6    | 8650102        | BONDED SEAL                             |
| 23   | 1    | 8130104        | ADAPTOR RESTRICTOR - 1.8 'G'            |
| 24   | 1    | 8130038        | ADAPTOR RESTRICTOR - 1.4 'L'            |
| 25   | 2    | 8581115        | ADAPTOR                                 |
| 26   | 7    | 8130090        | CHECK VALVE ASSEMBLY                    |
| 27   | 1    | G3812541       | RELIEF VALVE - 180BAR                   |
| 28   | 1    | 8130150        | RELIEF VALVE - 40BAR                    |
| 29   | 3    | 8582041        | TAPER PLUG                              |
| 30   | 11   | 8700511        | O RING                                  |
| 31   | 2    | 8116011        | SPRING                                  |
| 32   | 1    | 8123041        | RESTRICTOR DISC - 1.15 RED              |
| 33   | 1    | 8123043        | RESTRICTOR DISC - 1.6 GREEN             |
| 34   | 3    | 8581436        | PLUG - SOFT SEAL                        |
| 35   | 2    | 520378         | ADAPTOR PLUG                            |
| 36   | 5    | 9100105        | FLAT WASHER                             |
| 37   | 1    | 8130204        | CARTRIDGE SPOOL VALVE                   |
| 38   | 1    | 8130354        | CHECK VALVE ASSEMBLY                    |
| 39   | 1    | 05.290.01      | BONDED SEAL                             |
| 40   | 1    | 8581444        | BLANKING PLUG                           |
| 41   | 2    | 41844.01       | MAIN LOOM - <i>not illustrated</i>      |
| 42   | 2    | 8402338        | LOOM - ANGLE FLOAT                      |
| 43   | 1    | 8700525        | O RING                                  |
| 44   | 1    | 8700522        | O RING                                  |
| 45   | 1    | 8125355        | ROTOR CONTROL VALVE - R/H               |
| 46   | 1    | 47539.01       | CABLE FIXING KIT                        |
| 47   | 1    | 47531.07       | 2.5M CABLE (REV LOCK) - RED KNOB        |

*continued...*

# PROP. VALVE - With Slew

Module:  
7146745

AG46+ / AG50+ Models



**PROP. VALVE - With Slew**

| REF. | QTY. | PART No.       | DESCRIPTION                             |
|------|------|----------------|---|
|      |      | <b>7146745</b> | <b>PROP. VALVE ASSEMBLY - with Slew</b> |
| 48   | 2    | 9343023        | CAPSCREW                                |
| 49   | 1    | 05.434.01      | ADAPTOR                                 |
| 50   | 1    | 8581264        | ADAPTOR - SWEPT 90°                     |
| 51   | 1    | 02.714.05      | SWIVEL ADAPTOR                          |
| 52   | 5    | 8650106        | BONDED SEAL                             |
| 53   | 1    | 8581131        | ADAPTOR                                 |
| 54   | 3    | 8581136        | ADAPTOR                                 |
| 55   | 2    | 9213085        | BOLT                                    |
| 56   | 3    | 9143005        | SELF-LOCKING NUT                        |
| 57   | 1    | 21992.06       | VALVE BRACKET                           |
| 58   | 1    | 7109151        | CABLE CLAMP                             |
| 59   | 1    | 9213065        | BOLT                                    |
| 60   | 1    | 8130139        | BLANKING PLATE                          |
| 61   | 1    | 8709644        | AE RING                                 |
| 62   | 1    | 8700644        | O RING                                  |

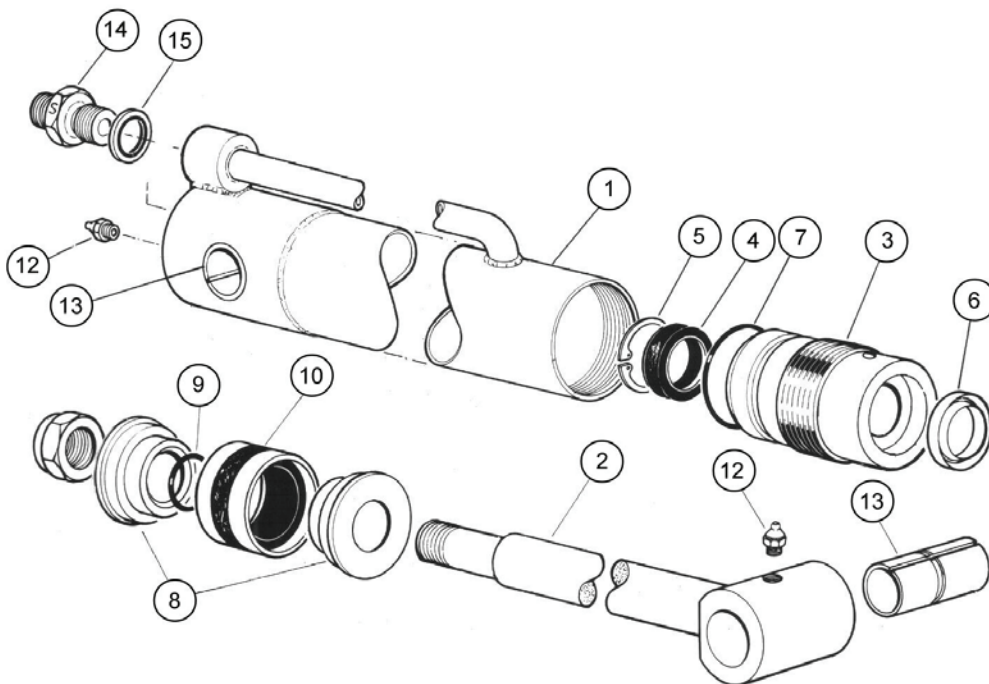


# ANGLING RAM ASSEMBLIES

**Modules:**

7191072 – Std. Build

7442258 – JIC Build



| REF. | QTY. | PART No.       | DESCRIPTION                         |
|------|------|----------------|-------------------------------------|
|      |      | <b>7191072</b> | <b>ANGLING RAM ASSEMBLY (Std.)</b>  |
|      |      | <b>7442258</b> | <b>ANGLING RAM ASSEMBLY (JIC)</b>   |
|      | 1    | 7191295        | BASIC RAM - <i>Comprising of:</i>   |
| 1    | 1    | 7191296        | CYLINDER                            |
| 2    | 1    | 1090031        | PISTON ROD                          |
| 3    | 1    | 1090273        | GLAND NUT                           |
| 4    | 1    | 8629162        | GLAND SEAL                          |
| 5    | 1    | 0416234        | CIRCLIP                             |
| 6    | 1    | 8629161        | WIPER RING                          |
| 7    | 1    | 8600123        | O RING                              |
| 8    | 2    | 1090034        | PISTON                              |
| 9    | 1    | 8600112        | O RING                              |
| 10   | 1    | 8629160        | PISTON SEAL                         |
| 11   | 1    | 0141007        | SELF-LOCKING NUT                    |
| 12   | 1    | 0901121        | GREASER                             |
| 13   | 2    | 1090005        | BUSH                                |
| 14   | 2    | 8130037        | RESTRICTOR UNION - <i>Std build</i> |
|      | 2    | 8124115        | RESTRICTOR UNION - <i>JIC build</i> |
| 15   | 2    | 8650102        | BONDED SEAL                         |
|      |      | <b>8699202</b> | <b>SEAL KIT</b>                     |

**Assembly Note:**

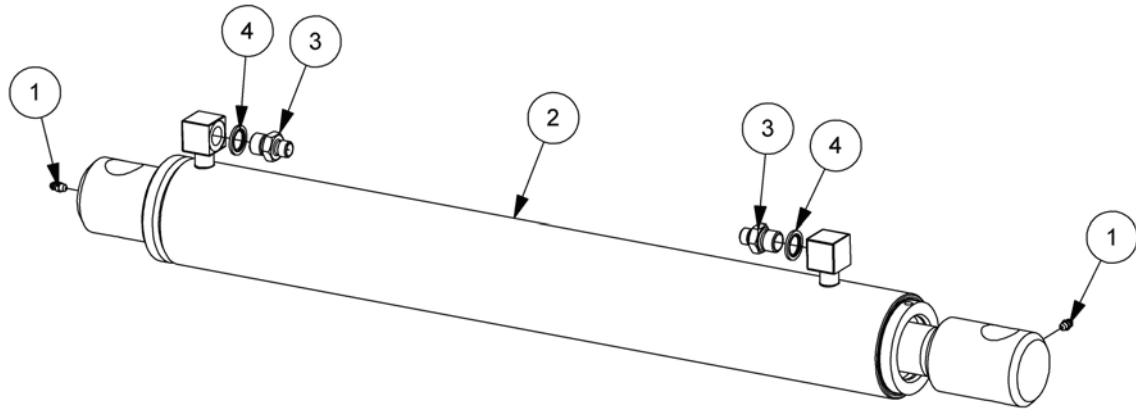
Assemble locknut onto rod using 'Permabond A113' or similar medium strength thread locking compound.

**LIFT / REACH RAM ASSEMBLIES**

**Modules:**

22006.01 – Std. Build

22006.01 – JIC Build



| REF. | QTY. | PART No.        | DESCRIPTION                               |
|------|------|-----------------|---|
|      |      | <b>22006.01</b> | <b>RAM ASSEMBLY - REACH / LIFT (Std.)</b> |
|      |      | <b>22006.02</b> | <b>RAM ASSEMBLY - REACH / LIFT (JIC)</b>  |
| 1    | 2    | 05.953.01       | GREASE NIPPLE                             |
| 2    | 1    | 41.099.04       | RAM ASSEMBLY                              |
| 3    | 2    | 8581115         | ADAPTOR - <i>Std. build</i>               |
|      | 2    | 08.995.06       | ADAPTOR - <i>JIC build</i>                |
| 4    | 2    | 8650103         | BONDED SEAL                               |
|      |      | <b>41099.01</b> | <b>SEAL KIT</b>                           |

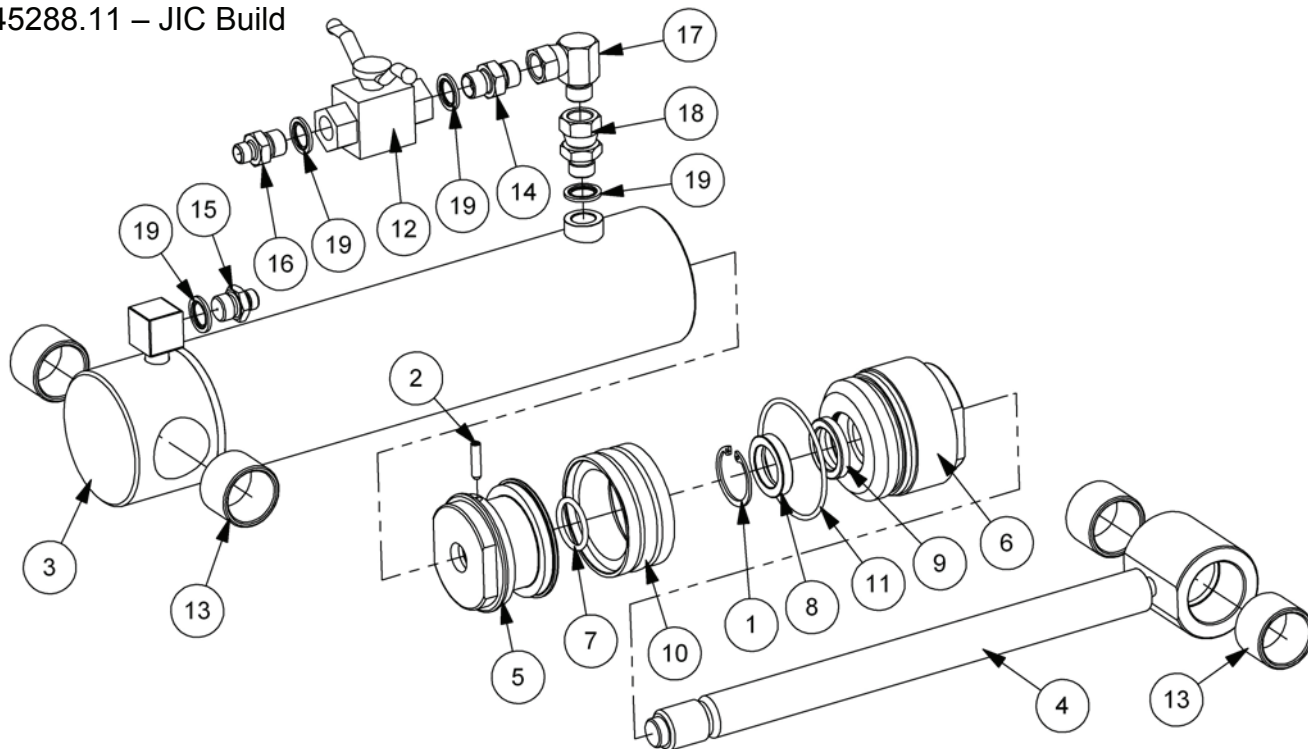
# SLEW RAM ASSEMBLIES

**Modules:**

45288.07 – Std. Build

45288.11 – JIC Build

*AG46+ / AG50+ Models*



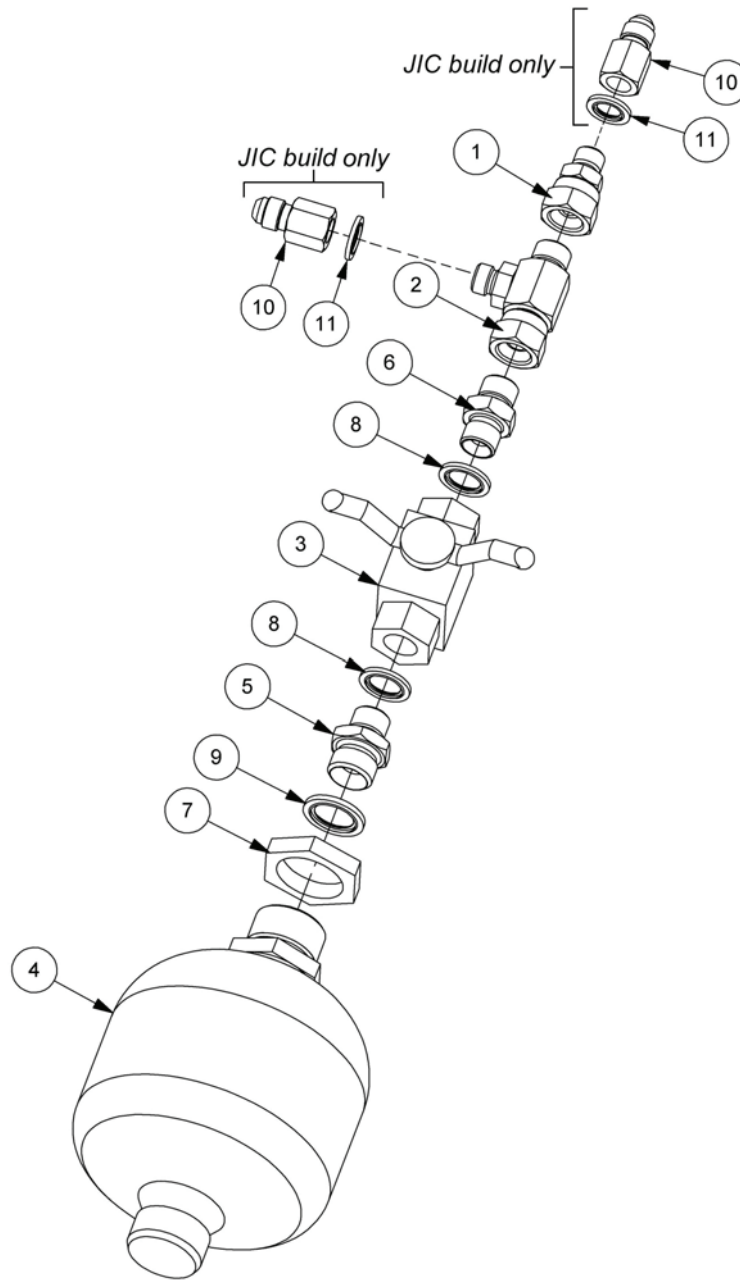
| REF. | QTY. | PART NO.        | DESCRIPTION                                       |
|------|------|-----------------|---|
|      |      | <b>45288.07</b> | <b>SLEW RAM ASSEMBLY (Std.)</b>                   |
|      |      | <b>45288.11</b> | <b>SLEW RAM ASSEMBLY (JIC)</b>                    |
| 1    | 1    | 0416240         | INTERNAL CIRCLIP                                  |
| 2    | 1    | 42775.01        | DOWEL   |
| 3    | 1    | 45273.05        | BARREL  |
| 4    | 1    | 45275.01        | PISTON ROD  |
| 5    | 1    | 45276.01        | PISTON  |
| 6    | 1    | 45283.01        | GLAND HOUSING                                     |
| 7    | 1    | 8600121         | O RING  |
| 8    | 1    | 8629148         | GLAND SEAL  |
| 9    | 1    | 8629149         | SCRAPER RING                                      |
| 10   | 1    | 8638740         | PISTON SEAL                                       |
| 11   | 1    | 8700740         | O RING  |
| 12   | 1    | 08.200.01       | ISOLATING VALVE                                   |
| 13   | 4    | 08.297.05       | BUSH  |
| 14   | 1    | 6000113         | ADAPTOR   |
| 15   | 1    | 8130066         | ADAPTOR RESTRICTOR (1.15 'M') - <i>Std. build</i> |
|      | 1    | 8124121         | ADAPTOR RESTRICTOR (1.15 'M') - <i>JIC build</i>  |
| 16   | 1    | 8581115         | ADAPTOR - <i>Std. build</i>                       |
|      | 1    | 08.955.06       | ADAPTOR - <i>JIC build</i>                        |
| 17   | 1    | 8581117         | ADAPTOR ELBOW                                     |
| 18   | 1    | 8581178         | SWIVEL ADAPTOR                                    |
| 19   | 4    | 8650103         | BONDED SEAL                                       |
|      |      | <b>8699525</b>  | <b>SEAL KIT</b>                                   |

# LIFT FLOAT ASSEMBLIES

**Modules:**

7146723 – Std. Build

7146749 – JIC Build



| REF. | QTY. | PART No.       | DESCRIPTION                            |
|------|------|----------------|--|
|      |      | <b>7146723</b> | <b>LIFT FLOAT ASSEMBLY</b>             |
|      |      | <b>7146749</b> | <b>LIFT FLOAT ASSEMBLY (JIC Build)</b> |
| 1    | 1    | 02.714.10      | ADAPTOR                                |
| 2    | 1    | 04.056.16      | ADAPTOR TEE                            |
| 3    | 1    | 08.200.01      | ISOLATING VALVE                        |
| 4    | 1    | 41451.02       | ACCUMULATOR                            |
| 5    | 1    | 6000112        | ADAPTOR                                |
| 6    | 1    | 6000113        | ADAPTOR                                |
| 7    | 1    | 8126035        | NUT                                    |
| 8    | 2    | 8650103        | BONDED SEAL                            |
| 9    | 1    | 8650104        | BONDED SEAL                            |
| 10   | 2    | 8581341        | ADAPTOR - <i>JIC build only</i>        |
| 11   | 2    | 8650102        | BONDED SEAL - <i>JIC build only</i>    |

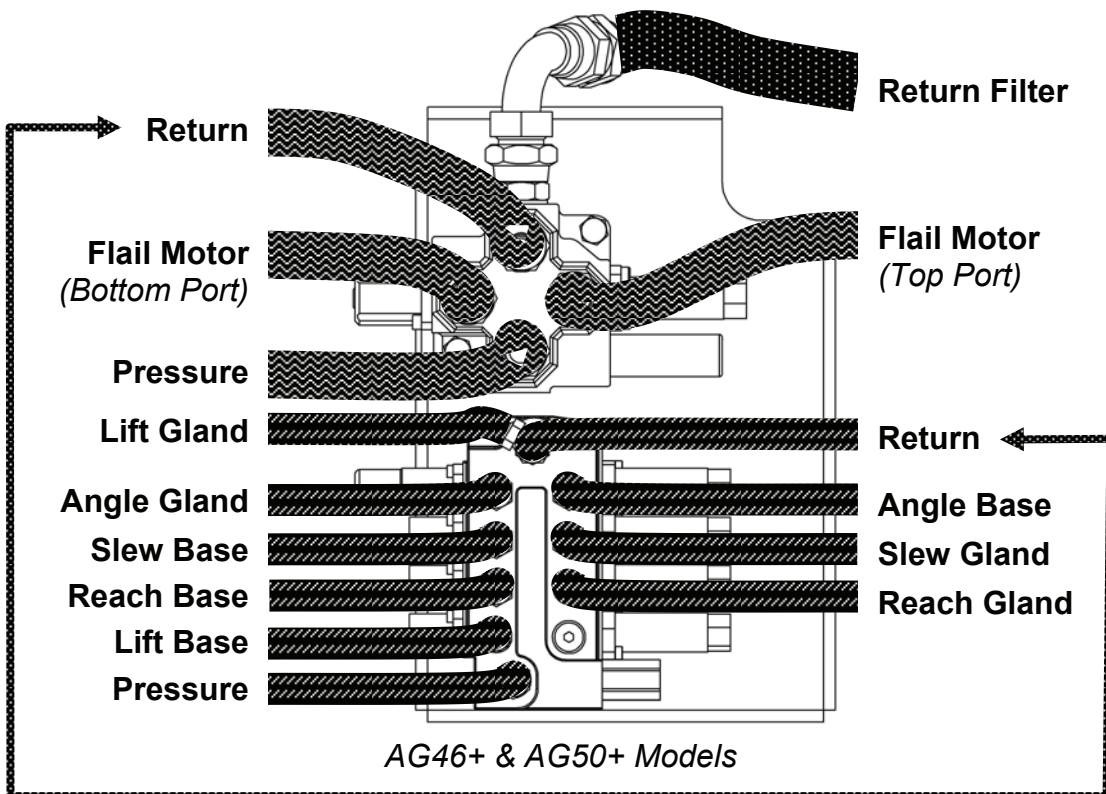
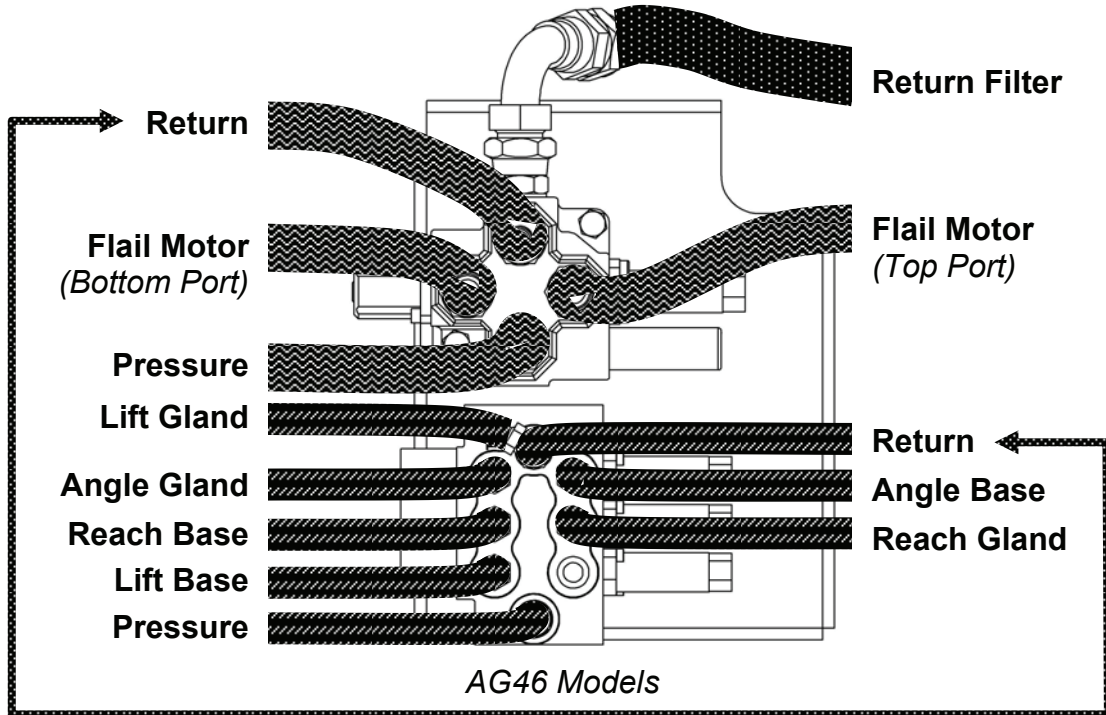
# HOSE INSTALLATION - Valves

## Modules:

Hose Kit 71467224 – AG46 Model (*Armhead Valve 8136250 / RCV 8125355*)

Hose Kit 714672214 – AG46+ Model (*Armhead Valve 8136260 / RCV 8125355*)

Hose Kit 714672224 – AG50+ Model (*Armhead Valve 8136260 / RCV 8125355*)





**HOSE INSTALLATION**

| REF. | QTY. |   |   | PART No.         | DESCRIPTION                             |
|------|------|---|---|------------------|---|
|      |      |   |   | <b>71467224</b>  | <b>HYDRAULIC HOSE KIT - AG46 Model</b>  |
|      |      |   |   | <b>714672214</b> | <b>HYDRAULIC HOSE KIT - AG46+ Model</b> |
|      |      |   |   | <b>714672224</b> | <b>HYDRAULIC HOSE KIT - AG50+ Model</b> |
| 1    | 1    | - | - | 10.009.11        | HOSE - 3/4" BSP FS/FS x 550mm           |
|      | -    | 1 | 1 | 10.009.12        | HOSE - 3/4" BSP FS/FS x 600mm           |
| 2    | 1    | 1 | 1 | 10.003.12        | HOSE - 3/4" BSP FS/FS x 600mm           |
| 3    | 1    | 1 | 1 | 10.003.08        | HOSE - 3/4" BSP FS/FS x 400mm           |
| 4    | 2    | - | - | 10.009.69        | HOSE - 3/4" BSP FS/FS x 5900mm          |
|      | -    | 2 | - | 10.009.68        | HOSE - 3/4" BSP FS/FS x 5800mm          |
|      | -    | - | 2 | 10.009.71        | HOSE - 3/4" BSP FS/FS x 6100mm          |
| 5    | 1    | - | - | 10.002.26        | HOSE - 1/4" BSP FS/F90 x 1600mm         |
|      | -    | 1 | 1 | 10.002.29        | HOSE - 1/4" BSP FS/F90 x 1900mm         |
| 6    | 1    | 1 | 1 | 10.002.25        | HOSE - 1/4" BSP FS/F90 x 1500mm         |
| 7    | 1    | 1 | 1 | 10.002.18        | HOSE - 1/4" BSP FS/F90 x 900mm          |
| 8    | 2    | - | - | 10.001.34        | HOSE - 1/4" BSP FS/FS x 2400mm          |
|      | -    | 2 | - | 10.001.35        | HOSE - 1/4" BSP FS/FS x 2500mm          |
|      | -    | - | 2 | 10.001.37        | HOSE - 1/4" BSP FS/FS x 2700mm          |
| 9    | 2    | 2 | - | 10.001.49        | HOSE - 1/4" BSP FS/FS x 3900mm          |
|      | -    | - | 2 | 10.001.52        | HOSE - 1/4" BSP FS/FS x 4200mm          |
| 10   | -    | 1 | 1 | 10.002.14        | HOSE - 1/4" BSP FS/F90 x 700mm          |
| 11   | -    | 1 | 1 | 10.002.16        | HOSE - 1/4" BSP FS/F90 x 800mm          |

**Connection reference**

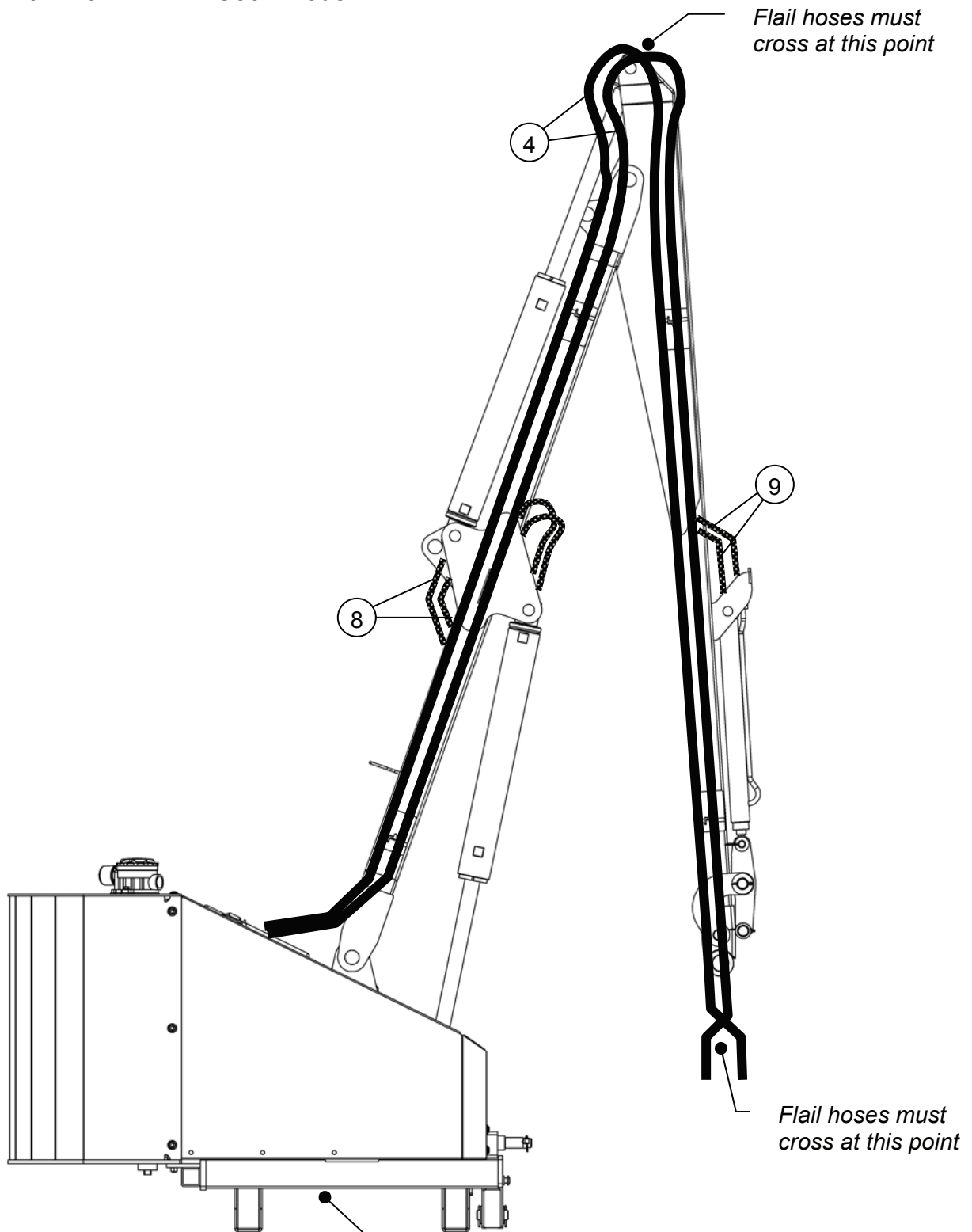
- |  |                                       |
|--|---------------------------------------|
| 1 Flail Pump to RCV                      | 7 Float to Lift Base                  |
| 2 Control Pump to Armhead Valve          | 8 Armhead Valve to Reach Base & Gland |
| 3 Armhead Valve to RCV                   | 9 Armhead Valve to Angle Base & Gland |
| 4 RCV to Flail Head                      | 10 Armhead Valve to Slew Base         |
| 5 Armhead Valve to Lift Gland            | 11 Armhead Valve to Slew Gland        |
| 6 Armhead Valve (Lift Base) to Float Tee |                                       |

# HOSE INSTALLATION - ARMS

**Module:**

- Hose Kit 71467224 – AG46 Model
- Hose Kit 714672214 – AG46+ Model
- Hose Kit 714672224 – AG50+ Model

*AG46 model illustrated*



*Slewing models will have additional hoses 10 & 11.*





**HOSE INSTALLATION**

| REF. | QTY. |   |   | PART No.         | DESCRIPTION                             |
|------|------|---|---|------------------|---|
|      |      |   |   | <b>71467224</b>  | <b>HYDRAULIC HOSE KIT - AG46 Model</b>  |
|      |      |   |   | <b>714672214</b> | <b>HYDRAULIC HOSE KIT - AG46+ Model</b> |
|      |      |   |   | <b>714672224</b> | <b>HYDRAULIC HOSE KIT - AG50+ Model</b> |
| 1    | 1    | - | - | 10.009.11        | HOSE - 3/4" BSP FS/FS x 550mm           |
|      | -    | 1 | 1 | 10.009.12        | HOSE - 3/4" BSP FS/FS x 600mm           |
| 2    | 1    | 1 | 1 | 10.003.12        | HOSE - 3/4" BSP FS/FS x 600mm           |
| 3    | 1    | 1 | 1 | 10.003.08        | HOSE - 3/4" BSP FS/FS x 400mm           |
| 4    | 2    | - | - | 10.009.69        | HOSE - 3/4" BSP FS/FS x 5900mm          |
|      | -    | 2 | - | 10.009.68        | HOSE - 3/4" BSP FS/FS x 5800mm          |
|      | -    | - | 2 | 10.009.71        | HOSE - 3/4" BSP FS/FS x 6100mm          |
| 5    | 1    | - | - | 10.002.26        | HOSE - 1/4" BSP FS/F90 x 1600mm         |
|      | -    | 1 | 1 | 10.002.29        | HOSE - 1/4" BSP FS/F90 x 1900mm         |
| 6    | 1    | 1 | 1 | 10.002.25        | HOSE - 1/4" BSP FS/F90 x 1500mm         |
| 7    | 1    | 1 | 1 | 10.002.18        | HOSE - 1/4" BSP FS/F90 x 900mm          |
| 8    | 2    | - | - | 10.001.34        | HOSE - 1/4" BSP FS/FS x 2400mm          |
|      | -    | 2 | - | 10.001.35        | HOSE - 1/4" BSP FS/FS x 2500mm          |
|      | -    | - | 2 | 10.001.37        | HOSE - 1/4" BSP FS/FS x 2700mm          |
| 9    | 2    | 2 | - | 10.001.49        | HOSE - 1/4" BSP FS/FS x 3900mm          |
|      | -    | - | 2 | 10.001.52        | HOSE - 1/4" BSP FS/FS x 4200mm          |
| 10   | -    | 1 | 1 | 10.002.14        | HOSE - 1/4" BSP FS/F90 x 700mm          |
| 11   | -    | 1 | 1 | 10.002.16        | HOSE - 1/4" BSP FS/F90 x 800mm          |

**Connection reference**

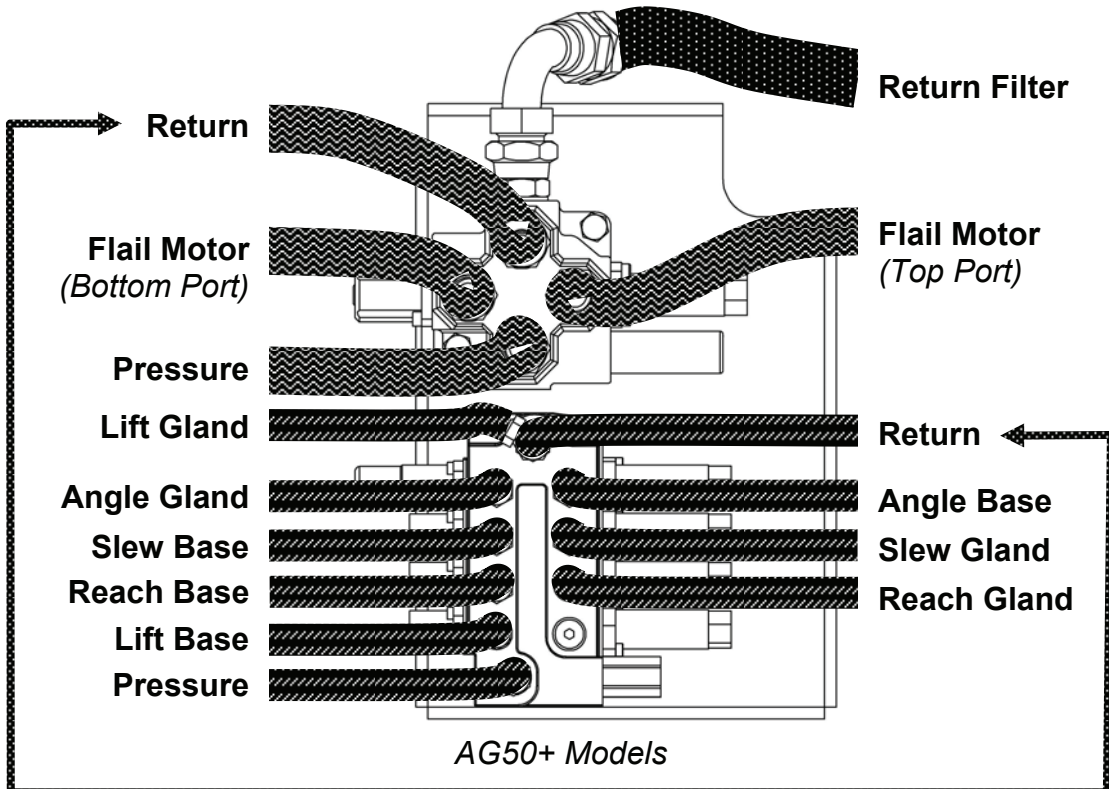
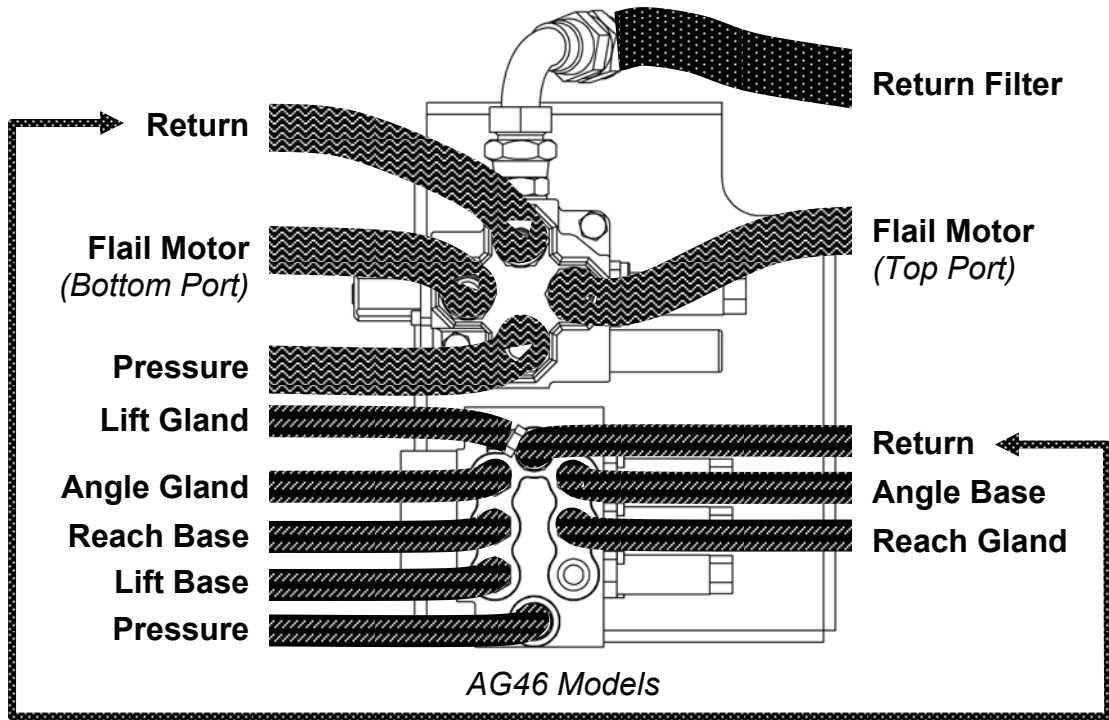
- |  |                                       |
|--|---------------------------------------|
| 1 Flail Pump to RCV                      | 7 Float to Lift Base                  |
| 2 Control Pump to Armhead Valve          | 8 Armhead Valve to Reach Base & Gland |
| 3 Armhead Valve to RCV                   | 9 Armhead Valve to Angle Base & Gland |
| 4 RCV to Flail Head                      | 10 Armhead Valve to Slew Base         |
| 5 Armhead Valve to Lift Gland            | 11 Armhead Valve to Slew Gland        |
| 6 Armhead Valve (Lift Base) to Float Tee |                                       |

# JIC HOSE INSTALLATION - Valves

## Modules:

JIC Hose Kit 714672229 – AG46 Model (*Armhead Valve 8136250 / RCV 8125355*)

JIC Hose Kit 714672230 – AG50+ Model (*Armhead Valve 8136260 / RCV 8125355*)





**JIC HOSE INSTALLATION - Valves**

| REF. | QTY. | PART No.  | DESCRIPTION                       |
|------|------|-----------|-----------------------------------|
|      |      | 714672229 | JIC HOSE KIT - AG46 Cable Model   |
|      |      | 714672230 | JIC HOSE KIT - AG50+ Cable Model  |
| 1    | 1 -  | 08.960.02 | HOSE - 1.1/16" JIC FS/FS x 550mm  |
|      | - 1  | 08.960.03 | HOSE - 1.1/16" JIC FS/FS x 600mm  |
| 2    | 1 1  | 41658.10  | HOSE - 3/4" JIC FS/FS x 600mm     |
| 3    | 1 1  | 41658.06  | HOSE - 3/4" JIC FS/FS x 400mm     |
| 4    | 2 -  | 08.960.70 | HOSE - 1.1/16" JIC FS/FS x 5900mm |
|      | - 2  | 08.960.72 | HOSE - 1.1/16" JIC FS/FS x 6100mm |
| 5    | 1 -  | 08.957.24 | HOSE - 9/16" JIC FS/F90 x 1600mm  |
|      | - 1  | 08.957.27 | HOSE - 9/16" JIC FS/F90 x 1900mm  |
| 6    | 1 1  | 08.957.23 | HOSE - 9/16" JIC FS/F90 x 1500mm  |
| 7    | 1 1  | 08.957.16 | HOSE - 9/16" JIC FS/F90 x 900mm   |
| 8    | 2 -  | 41721.34  | HOSE - 9/16" JIC FS/FS x 2400mm   |
|      | - 2  | 41721.37  | HOSE - 9/16" JIC FS/FS x 2700mm   |
| 9    | 2 -  | 41721.49  | HOSE - 9/16" JIC FS/FS x 3900mm   |
|      | - 2  | 41721.52  | HOSE - 9/16" JIC FS/FS x 4200mm   |
| 10   | - 1  | 08.957.12 | HOSE - 9/16" JIC FS/F90 x 700mm   |
| 11   | - 1  | 08.957.14 | HOSE - 9/16" JIC FS/F90 x 800mm   |

**Connection reference**

- |  |                                       |
|--|---------------------------------------|
| 1 Flail Pump to RCV                      | 7 Float to Lift Base                  |
| 2 Control Pump to Armhead Valve          | 8 Armhead Valve to Reach Base & Gland |
| 3 Armhead Valve to RCV                   | 9 Armhead Valve to Angle Base & Gland |
| 4 RCV to Flail Head                      | 10 Armhead Valve to Slew Base         |
| 5 Armhead Valve to Lift Gland            | 11 Armhead Valve to Slew Gland        |
| 6 Armhead Valve (Lift Base) to Float Tee |                                       |

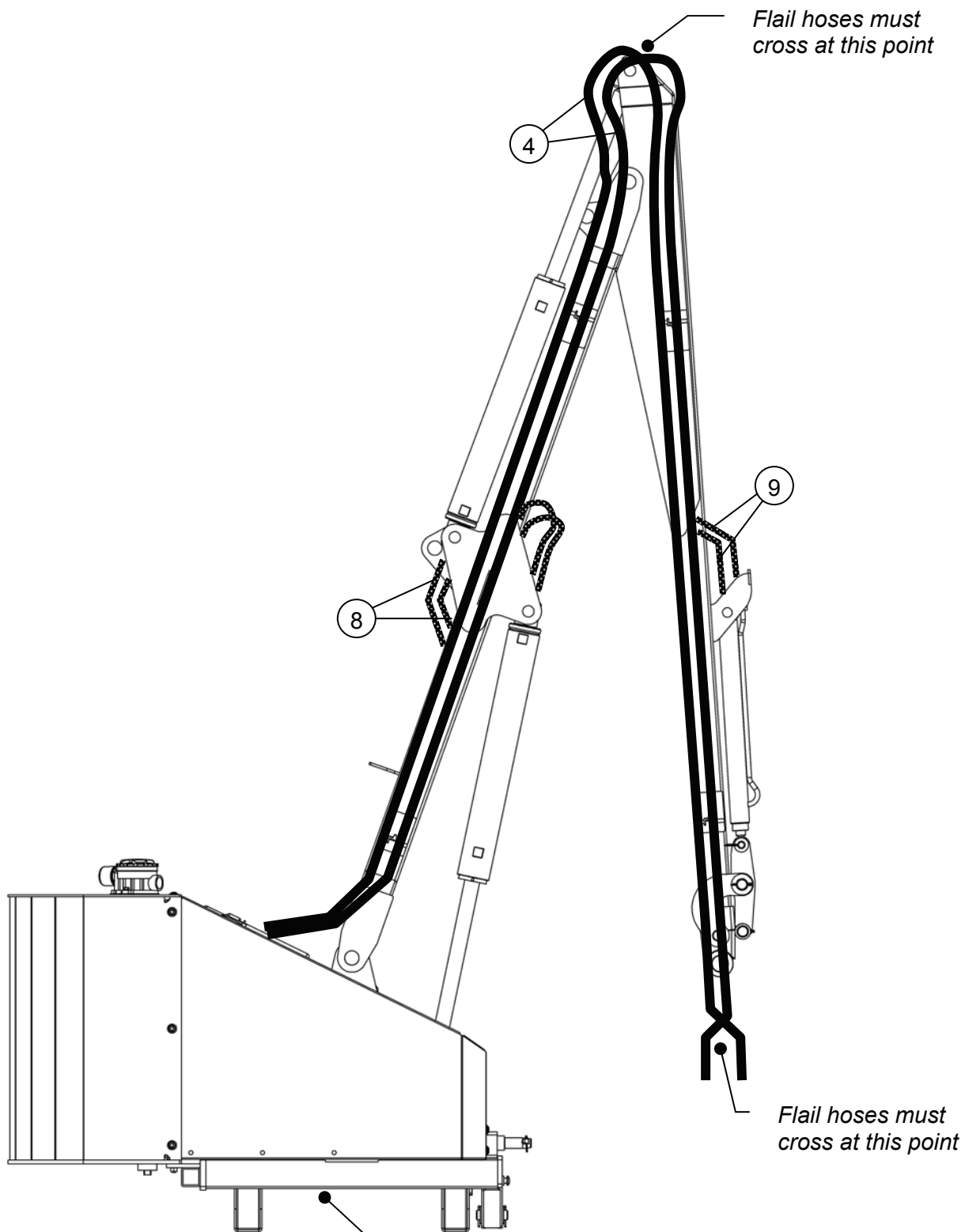
# JIC HOSE INSTALLATION - ARMS

**Module:**

JIC Hose Kit 714672229 – AG46 Model

JIC Hose Kit 714672230 – AG50+ Model

*AG46 model illustrated*



*Slewing models will have additional hoses 10 & 11.*



**JIC HOSE INSTALLATION - Valves**

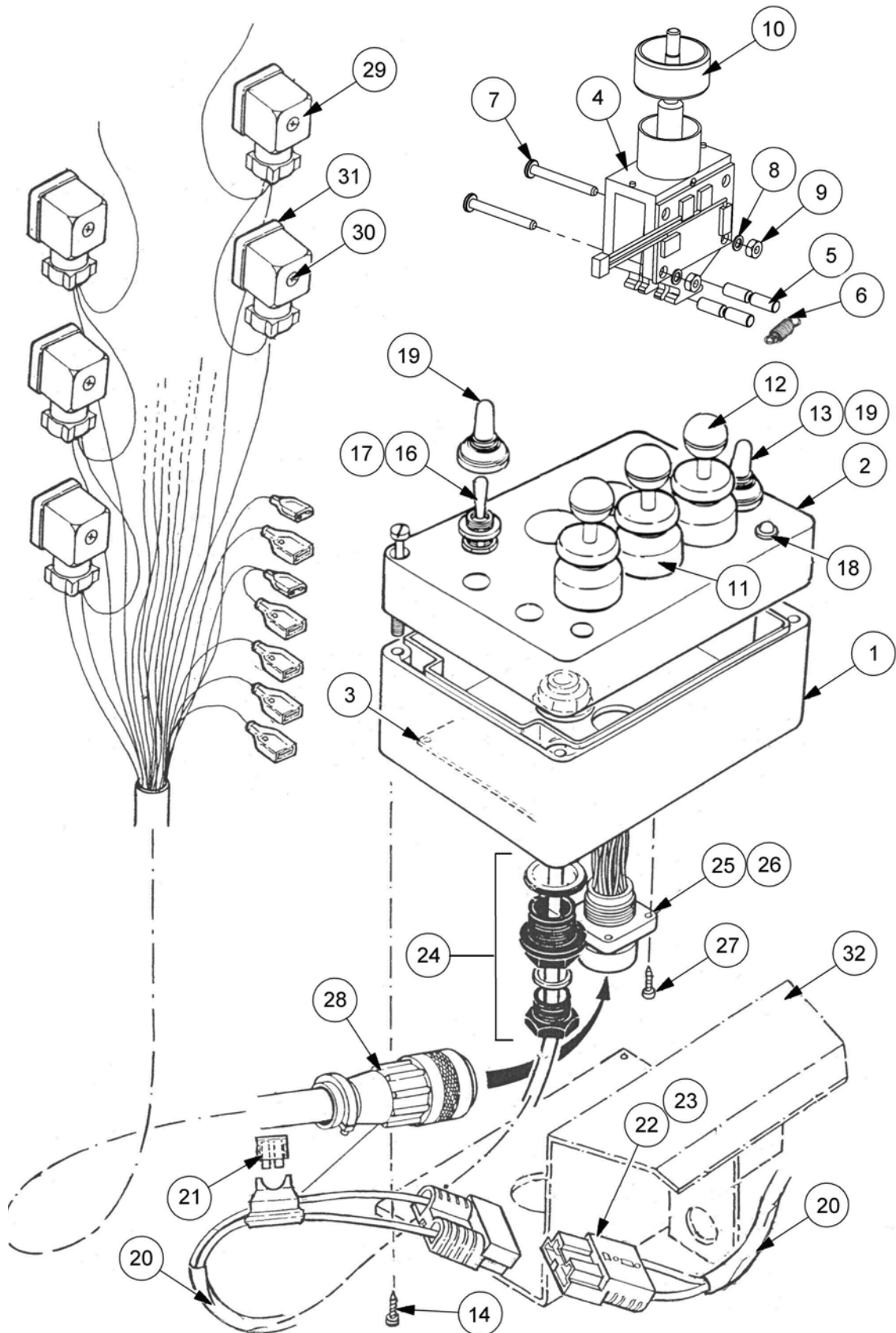
| REF. | QTY. | PART No.         | DESCRIPTION                             |
|------|------|------------------|---|
|      |      | <b>714672229</b> | <b>JIC HOSE KIT - AG46 Cable Model</b>  |
|      |      | <b>714672230</b> | <b>JIC HOSE KIT - AG50+ Cable Model</b> |
| 1    | 1 -  | 08.960.02        | HOSE - 1.1/16" JIC FS/FS x 550mm        |
|      | - 1  | 08.960.03        | HOSE - 1.1/16" JIC FS/FS x 600mm        |
| 2    | 1 1  | 41658.10         | HOSE - 3/4" JIC FS/FS x 600mm           |
| 3    | 1 1  | 41658.06         | HOSE - 3/4" JIC FS/FS x 400mm           |
| 4    | 2 -  | 08.960.70        | HOSE - 1.1/16" JIC FS/FS x 5900mm       |
|      | - 2  | 08.960.72        | HOSE - 1.1/16" JIC FS/FS x 6100mm       |
| 5    | 1 -  | 08.957.24        | HOSE - 9/16" JIC FS/F90 x 1600mm        |
|      | - 1  | 08.957.27        | HOSE - 9/16" JIC FS/F90 x 1900mm        |
| 6    | 1 1  | 08.957.23        | HOSE - 9/16" JIC FS/F90 x 1500mm        |
| 7    | 1 1  | 08.957.16        | HOSE - 9/16" JIC FS/F90 x 900mm         |
| 8    | 2 -  | 41721.34         | HOSE - 9/16" JIC FS/FS x 2400mm         |
|      | - 2  | 41721.37         | HOSE - 9/16" JIC FS/FS x 2700mm         |
| 9    | 2 -  | 41721.49         | HOSE - 9/16" JIC FS/FS x 3900mm         |
|      | - 2  | 41721.52         | HOSE - 9/16" JIC FS/FS x 4200mm         |
| 10   | - 1  | 08.957.12        | HOSE - 9/16" JIC FS/F90 x 700mm         |
| 11   | - 1  | 08.957.14        | HOSE - 9/16" JIC FS/F90 x 800mm         |

**Connection reference**

- |  |                                       |
|--|---------------------------------------|
| 1 Flail Pump to RCV                      | 7 Float to Lift Base                  |
| 2 Control Pump to Armhead Valve          | 8 Armhead Valve to Reach Base & Gland |
| 3 Armhead Valve to RCV                   | 9 Armhead Valve to Angle Base & Gland |
| 4 RCV to Flail Head                      | 10 Armhead Valve to Slew Base         |
| 5 Armhead Valve to Lift Gland            | 11 Armhead Valve to Slew Gland        |
| 6 Armhead Valve (Lift Base) to Float Tee |                                       |

# SWITCHBOX CONTROLS & LOOM

**Module:**  
8402900 - Switchbox & Loom  
41845.01 - Multi 3 Lever Switchbox







## SWITCHBOX CONTROLS &amp; LOOM

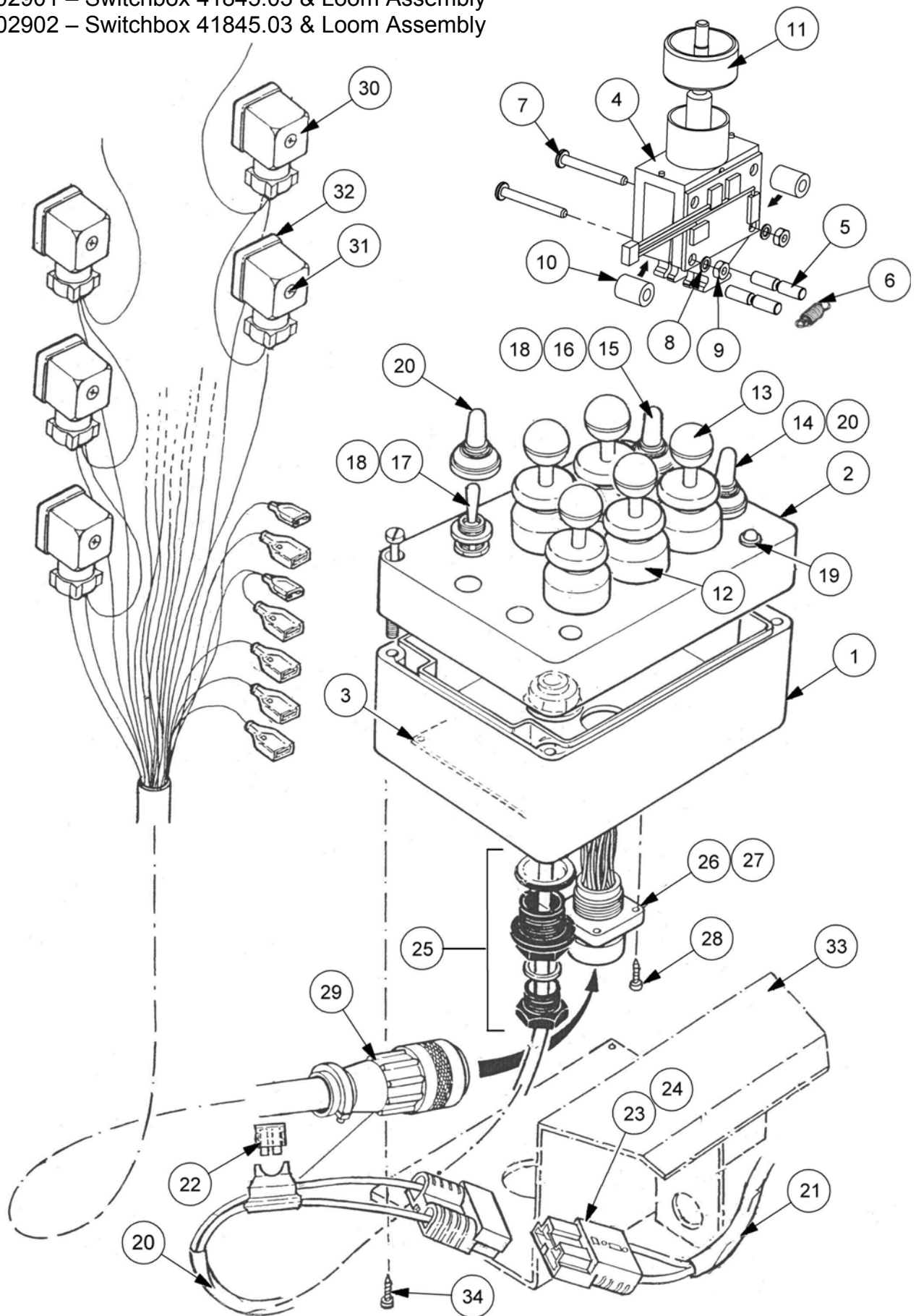
| REF. | QTY. | PART NO.        | DESCRIPTION                               |
|------|------|-----------------|---|
|      |      | <b>8402900</b>  | <b>SWITCHBOX &amp; LOOM ASSEMBLY</b>      |
|      |      | <b>41845.01</b> | <b>MULTI 3 LEVER SWITCHBOX</b>            |
| 1    | 1    | 41845.32        | BOX                                       |
| 2    | 1    | 41845.31        | LID c/w SCREWS                            |
| 3    | 1    | 41845.33        | CIRCUIT BOARD                             |
|      |      |                 | LEVER SWITCH UNIT - <i>comprising of:</i> |
| 4    | 3    | 8402133         | SWITCH BODY/LEVER/CIRCUIT BOARD c/w       |
| 5    | 2    | 8402111         | BAR                                       |
| 6    | 1    | 8402101         | SPRING                                    |
| 7    | 2    | 9200006         | SCREW - POSIDRIVE PANHEAD                 |
| 8    | 2    | 8402280         | PLAIN WASHER                              |
| 9    | 2    | 9113000         | NUT - PLATED                              |
| 10   | 1    | 8402051         | BEZEL RING                                |
| 11   | 1    | 8402022         | LEVER GAITER                              |
| 12   | 5    | 8402056         | KNOB - BLACK                              |
| 13   | 1    | 8402023         | SWITCH - POWER ON/OFF                     |
| 14   | 4    | 2800243         | SELF-TAPPING SCREW                        |
| 15   | 1    | 8402193         | SPECIAL TOOL - <i>not illustrated</i>     |
| 16   | 1    | 8402197         | SWITCH - FLOAT                            |
| 17   | 1    | 41845.37        | LOOM - FLOAT SWITCH                       |
| 18   | 1    | 41845.41        | L.E.D. AND LOOM                           |
| 19   | 2    | 8402024         | WEATHER GAITER                            |
| 20   | 1    | 8402232         | POWER LOOM - <i>including:</i>            |
| 21   | 1    | 43034.02        | FUSE                                      |
| 22   | 2    | 8402230         | CONTACTS HOUSING                          |
| 23   | 4    | 8402229         | CONTACTS                                  |
| 24   | 1    | 8402042         | GLAND                                     |
| 25   | 1    | 8402189         | SOCKET SHELL                              |
| 26   | 19   | 8402192         | PIN SOCKET                                |
| 27   | 4    | 2800203         | SCREW                                     |
| 28   | 1    | 41844.06        | WIRING LOOM - <i>including:</i>           |
| 29   | 12   | 07.835.04       | PLUG - INCLUDING SCREW & GASKET           |
| 30   | 1    | 07.835.03       | SCREW                                     |
| 31   | 1    | 07.835.02       | GASKET                                    |
| 32   | 1    | 8402345         | MOUNTING BRACKET                          |



**Modules:**

8402901 – Switchbox 41845.03 & Loom Assembly

8402902 – Switchbox 41845.03 & Loom Assembly



**SWITCHBOX CONTROLS & LOOM**

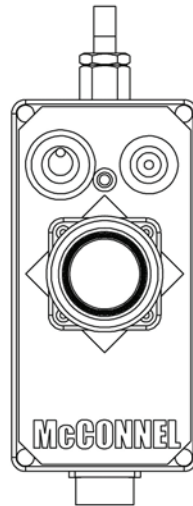
| REF. | QTY. | PART NO.        | DESCRIPTION   |
|------|------|-----------------|---|
|      |      | <b>8402901</b>  | <b>SWITCHBOX &amp; LOOM ASSEMBLY</b>                |
|      |      | <b>8402902</b>  | <b>SWITCHBOX &amp; LOOM ASSEMBLY (Electric RCV)</b> |
|      |      | <b>41845.03</b> | <b>MULTI 5 LEVER SWITCHBOX</b>                      |
|      |      | <b>41845.04</b> | <b>MULTI 5 LEVER SWITCHBOX (Electric RCV)</b>       |
| 1    | 1    | 41845.32        | BOX   |
| 2    | 1    | 41845.31        | LID c/w SCREWS                                      |
| 3    | 1    | 41845.33        | CIRCUIT BOARD                                       |
|      |      |                 | LEVER SWITCH UNIT - <i>comprising of:</i>           |
| 4    | 5    | 8402133         | SWITCH BODY/LEVER/CIRCUIT BOARD c/w                 |
| 5    | 2    | 8402111         | BAR   |
| 6    | 1    | 8402101         | SPRING  |
| 7    | 2    | 9200006         | SCREW - POSIDRIVE PANHEAD                           |
| 8    | 2    | 8402280         | PLAIN WASHER  |
| 9    | 2    | 9113000         | NUT - PLATED  |
| 10   | 2    | 8402334         | SPACER  |
| 11   | 1    | 8402051         | BEZEL RING  |
| 12   | 1    | 8402022         | LEVER GAITER  |
| 13   | 5    | 8402056         | KNOB - BLACK  |
| 14   | 1    | 8402023         | SWITCH - POWER ON/OFF                               |
| 15   | 1    | 8402182         | SWITCH - SLEW/AUTO RESET                            |
| 16   | 1    | 41845.35        | LOOM - SLEW/AUTO RESET SWITCH                       |
| 17   | 1    | 8402197         | SWITCH - FLOAT                                      |
| 18   | 1    | 41845.37        | LOOM - FLOAT SWITCH                                 |
| 19   | 1    | 41845.41        | L.E.D. AND LOOM                                     |
| 20   | 5    | 8402024         | WEATHER GAITER                                      |
| 21   | 1    | 8402232         | POWER LOOM - <i>including:</i>                      |
| 22   | 1    | 43034.02        | FUSE  |
| 23   | 2    | 8402230         | CONTACTS HOUSING                                    |
| 24   | 4    | 8402229         | CONTACTS  |
| 25   | 1    | 8402042         | GLAND   |
| 26   | 1    | 8402186         | SOCKET SHELL  |
| 27   | 19   | 8402192         | PIN SOCKET  |
| 28   | 4    | 2800203         | SCREW   |
| 29   | 1    | 41844.01        | WIRING LOOM - <i>including:</i>                     |
| 30   | 12   | 07.835.04       | PLUG - INCLUDING SCREW & GASKET                     |
| 31   | 1    | 07.835.03       | SCREW   |
| 32   | 1    | 07.835.02       | GASKET  |
| 33   | 1    | 8402345         | MOUNTING BRACKET                                    |
| 34   | 4    | 2800243         | SELF-TAPPING SCREW                                  |
| 35   | 1    | 8402193         | SPECIAL TOOL - <i>not illustrated</i>               |

# CONTROL BOX - Mini Single Lever

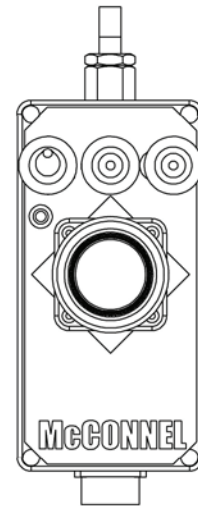
8402393 Illustrated

## Modules:

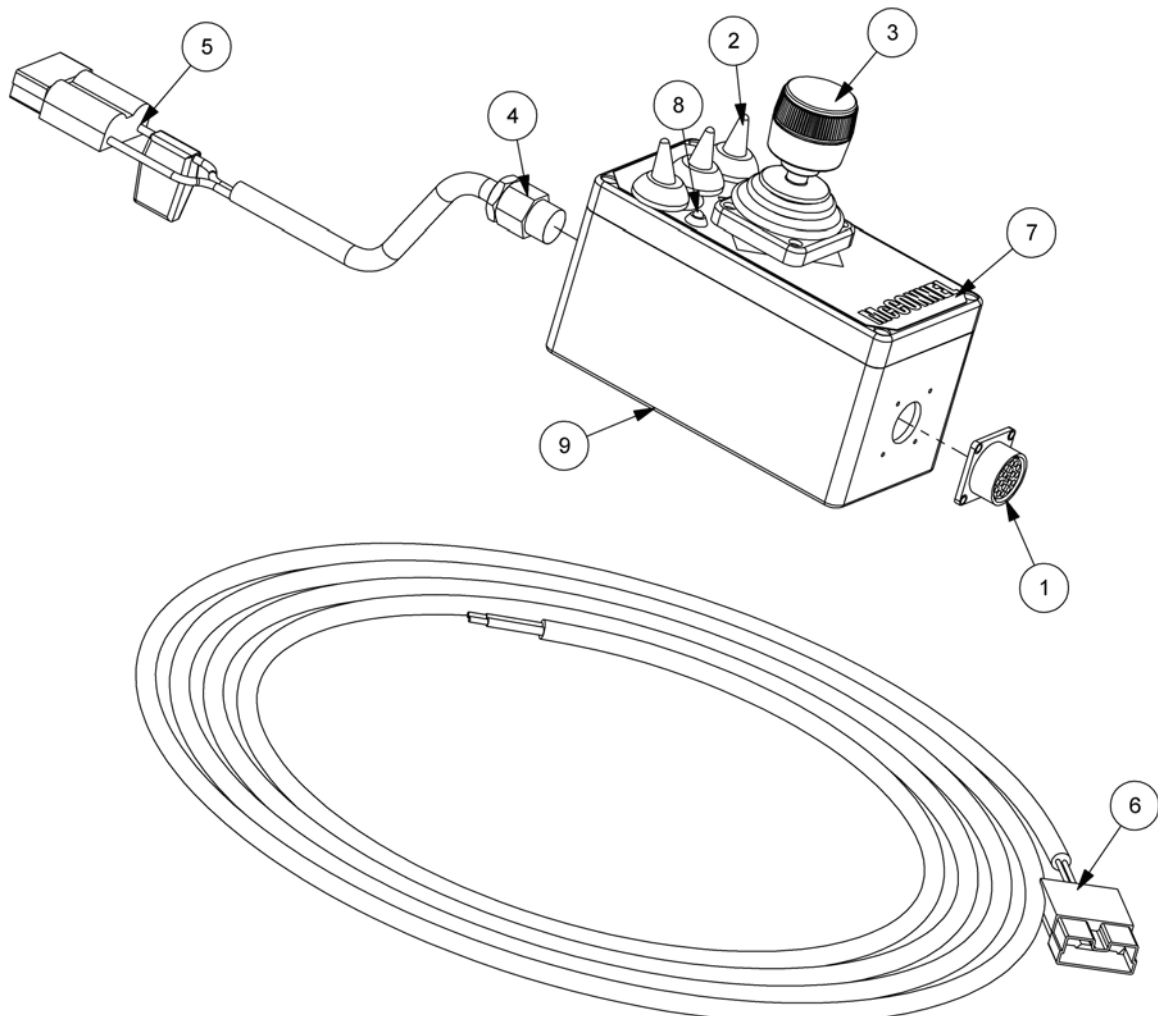
- 8402390 – 3 Service B/B 2 Switch
- 8402391 – 3 Service Prop. B/B 2 Switch
- 8402392 – 3 Service Prop. B/B 3 Switch
- 8402393 – 3 Service Prop. 3 Switch



8402390 & 8402391



8402392 & 8402393





**CONTROL BOX - Mini Single Lever**

| REF. | QTY. | PART No.       | DESCRIPTION                             |
|------|------|----------------|---|
|      |      | <b>8402390</b> | <b>CONTROL BOX - B/B 2 Switch</b>       |
|      |      | <b>8402391</b> | <b>CONTROL BOX - Prop. B/B 2 Switch</b> |
|      |      | <b>8402392</b> | <b>CONTROL BOX - Prop. B/B 3 Switch</b> |
|      |      | <b>8402393</b> | <b>CONTROL BOX - Prop. 3 Switch</b>     |
| 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                     |

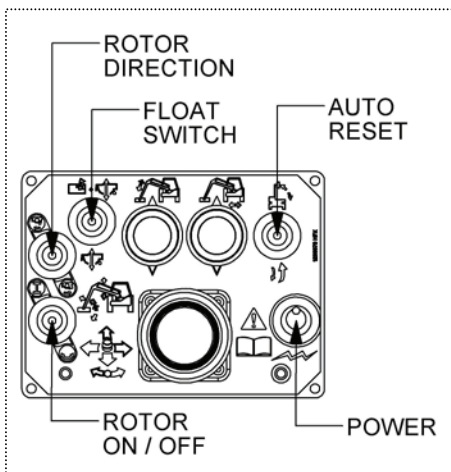
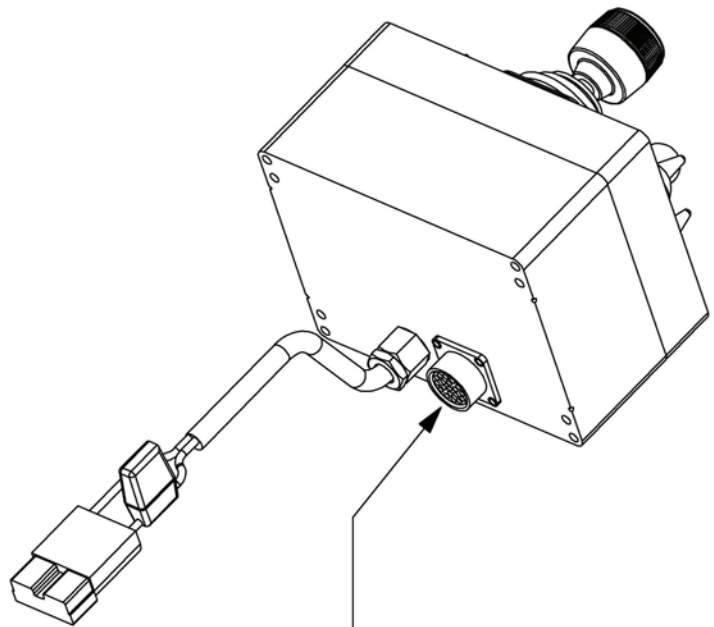
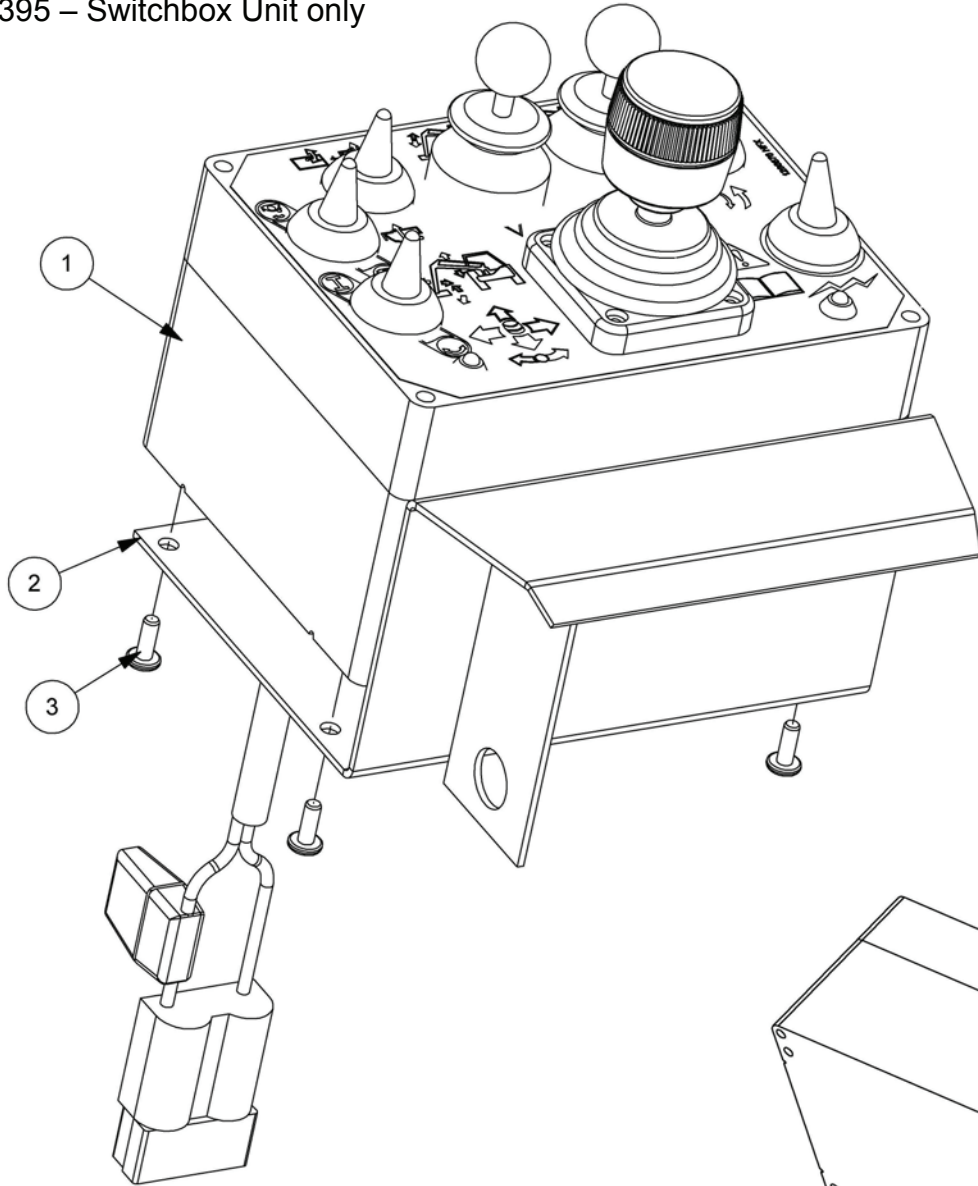
\* *Control Boxes 8402390 & 8402391 use 2 off only*

# XTC PROPORTIONAL CONTROLS

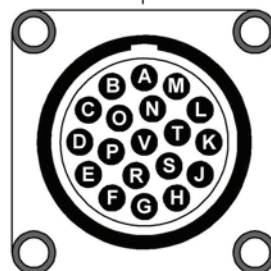
**Modules:**

8402911 – Switchbox Unit c/w Mounting Bracket & Screws

8402395 – Switchbox Unit only



- A - COMMON
- B - REACH IN
- C - REACH OUT
- D - LIFT UP
- E - LIFT DOWN
- F - COMMON
- G - TELE IN
- H - TELE OUT
- J - ANGLE DOWN
- K - ANGLE UP



- L - SLEW OUT
- M - SLEW IN
- N - COMMON
- P - ANGLE FLOAT
- R - LIFT FLOAT
- S - PUMP 1
- T - PUMP 2
- U - AUTO RESET
- V - CUT OFF



**XTC PROPORTIONAL CONTROLS**

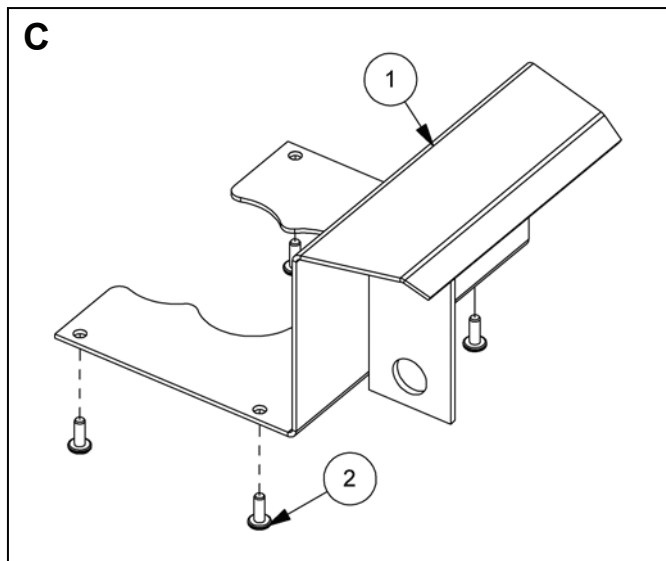
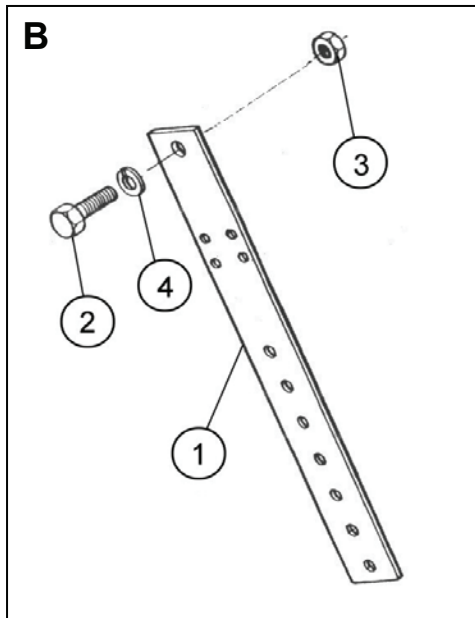
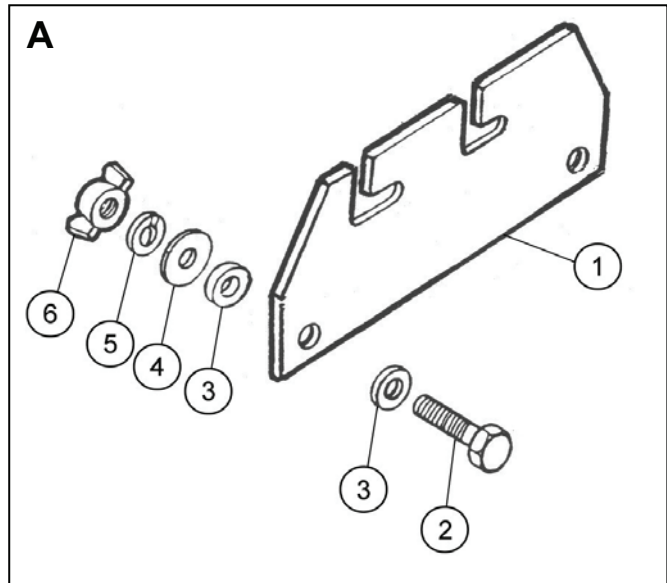
| REF. | QTY. | PART NO.       | DESCRIPTION   |
|------|------|----------------|---|
|      |      | <b>8402911</b> | <b>PROPORTIONAL SWITCHBOX CONTROLS</b>              |
| 1    | 1    | 8402395        | PROPORTIONAL SWITCHBOX UNIT - <i>comprising of:</i> |
|      | 1    | 41845.44       | BOX BASE  |
|      | 1    | 41845.45       | BOX LID   |
|      | 1    | 41845.47       | CIRCUIT BOARD                                       |
|      | 2    | 41845.34       | LOOM - SWITCH UNIT                                  |
|      | 1    | 41845.37       | LOOM - FLOAT SWITCH                                 |
|      | 1    | 43022.49       | CONNECTOR - SINGLE FUSE                             |
|      | 1    | 8402189        | PANEL MOUNTING SHELL                                |
|      | 1    | 8402149        | GLAND - PLASTIC                                     |
|      | 4    | 2800203        | SCREW   |
|      | 2    | 8402122        | SWITCH UNIT   |
|      | 1    | 8402023        | TOGGLE SWITCH                                       |
|      | 1    | 8402197        | SWITCH - FLOAT SELECTION                            |
|      | 2    | 41845.41       | LED   |
|      | 5    | 8402024        | SWITCH COVER  |
|      | 1    | 8402198        | KNOB - BLUE   |
|      | 1    | 8402056        | KNOB - BLACK  |
|      | 1    | 8402237        | LOOM - POWER SUPPLY                                 |
|      | 19   | 8402192        | SOCKET CONTACT                                      |
|      | 1    | 8402173        | SWITCH - PUMP POWER / RESET                         |
|      | 1    | 8402182        | SWITCH - AUTO RESET                                 |
|      | 1    | 8402185        | SWITCH - ROTOR DIRECTION                            |
|      | 1    | 1290670        | DECAL - PROPORTIONAL SWITCHBOX                      |
|      | 1    | 41845.36       | LOOM - PUMP CONTROL                                 |
|      | 1    | 41845.35       | LOOM - RESET  |
|      | 1    | 8402246        | JOYSTICK - 3 AXIS                                   |
| 2    | 1    | 8402345        | SWITCHBOX MOUNTING BRACKET                          |
| 3    | 4    | 2800243        | SELF TAPPING SCREW                                  |



# CONTROL MOUNTINGS

## Modules:

- 7313282 – Cable Controls (A)
- 7109319 – Electric Switchbox (B)
- 8402345 – Electric Switchbox (C)





**CONTROL MOUNTINGS**

| REF.     | QTY. | PART NO.       | DESCRIPTION                        |
|----------|------|----------------|------------------------------------|
| <b>A</b> |      | <b>7313282</b> | <b>CABLE CONTROL UNIT MOUNTING</b> |
| 1        | 1    | 42491.01       | BRACKET                            |
| 2        | 2    | 9313094        | SETSCREW                           |
| 3        | 4    | 03.152.01      | RUBBER WASHER                      |
| 4        | 2    | 9100104        | PLAIN WASHER                       |
| 5        | 2    | 9100204        | SPRING WASHER                      |
| 6        | 2    | 9193004        | WINGNUT                            |

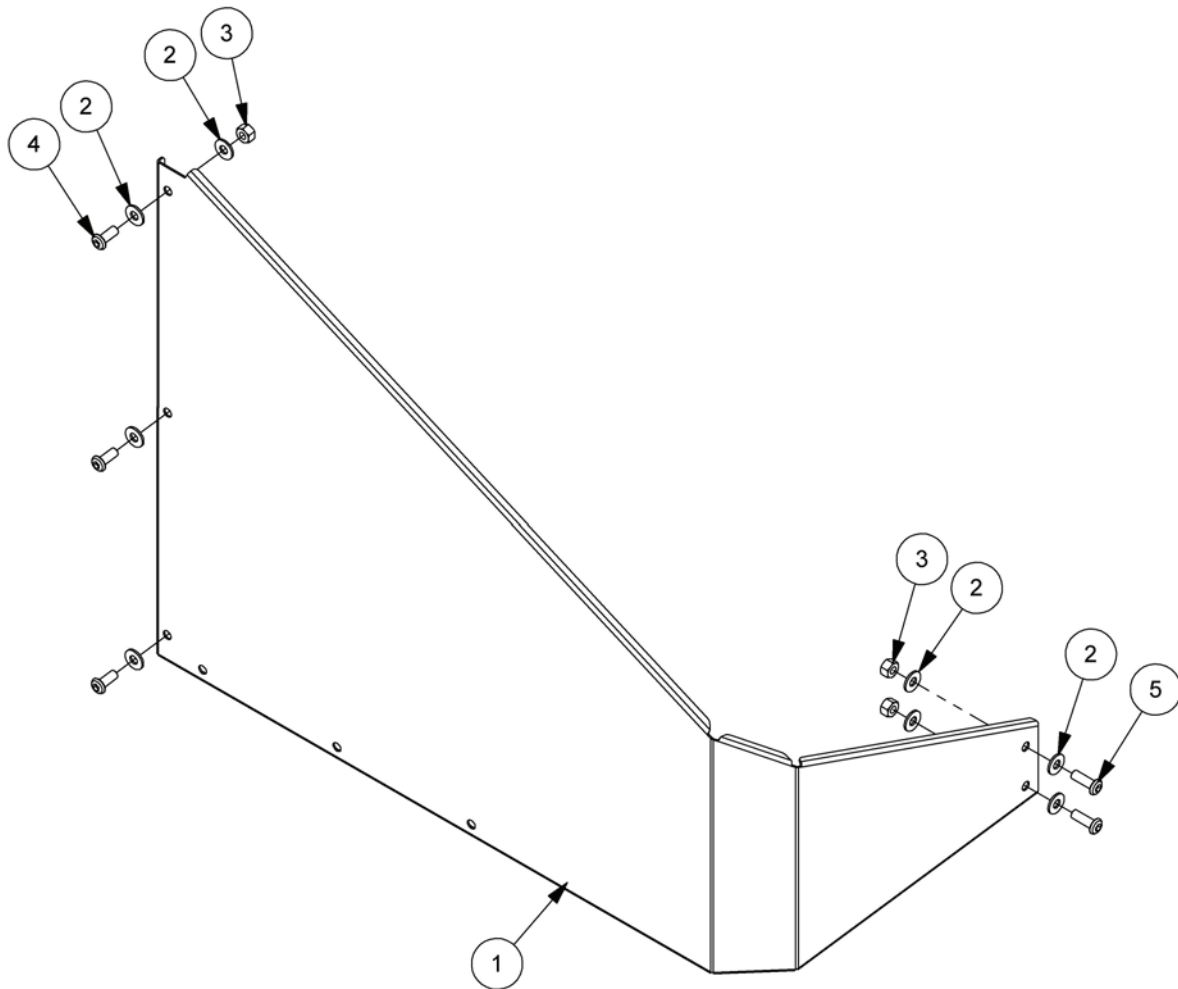
| REF.     | QTY. | PART NO.       | DESCRIPTION                                |
|----------|------|----------------|--|
| <b>B</b> |      | <b>7109319</b> | <b>ELECTRIC SWITCHBOX CONTROL MOUNTING</b> |
| 1        | 1    | 7109146        | PILLAR                                     |
| 2        | 1    | 9311086        | SETSCREW                                   |
| 3        | 1    | 0111006        | NUT  |
| 4        | 1    | 0100206        | SPRING WASHER                              |

| REF.     | QTY. | PART No.       | DESCRIPTION                                |
|----------|------|----------------|--|
| <b>C</b> |      | <b>8402345</b> | <b>ELECTRIC SWITCHBOX CONTROL MOUNTING</b> |
| 1        | 1    | 8402345        | MOUNTING BRACKET                           |
| 2        | 4    | 2800243        | SELF TAPPING SCREW                         |

**COVER ASSEMBLY**

Module:  
7146705

*AG46 Model*

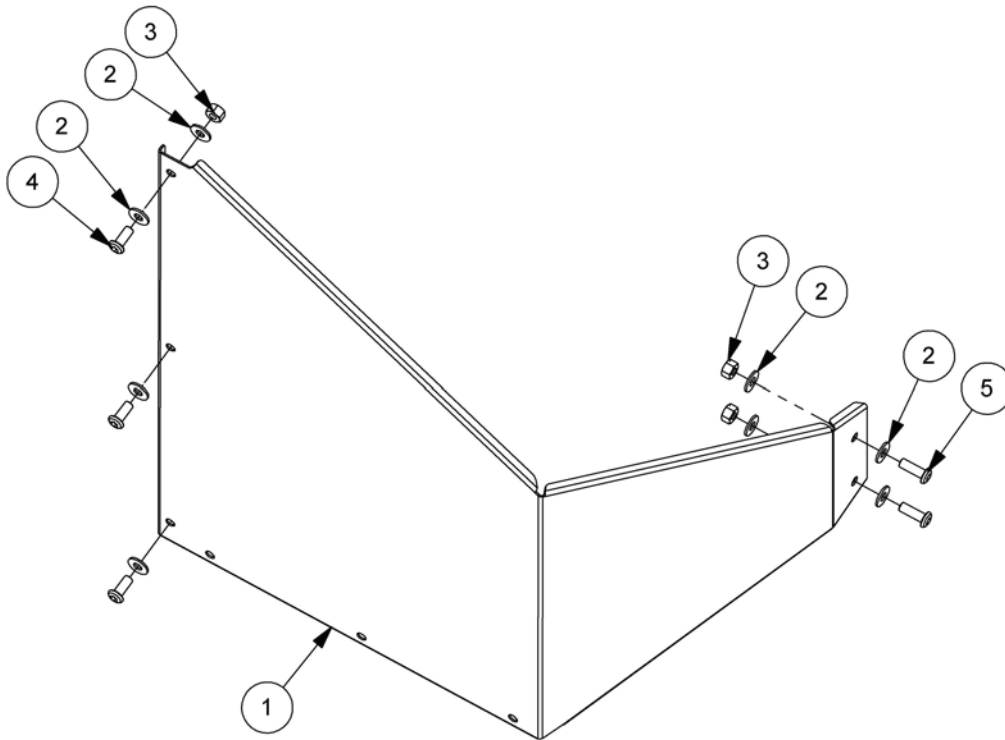


| REF. | QTY. | PART No.       | DESCRIPTION                  |
|------|------|----------------|------------------------------|
|      |      | <b>7146705</b> | <b>COVER ASSEMBLY - AG46</b> |
| 1    | 1    | 21994.02       | REAR COVER - R/H Build       |
| 2    | 10   | 9100105        | FLAT WASHER                  |
| 3    | 5    | 9143005        | SELF-LOCKING NUT             |
| 4    | 3    | 9300154        | SCREW                        |
| 5    | 2    | 9300166        | SCREW                        |

**COVER ASSEMBLY**

Module:  
7146715

AG46+ / AG50+ Models



| REF. | QTY. | PART No.       | DESCRIPTION                               |
|------|------|----------------|---|
|      |      | <b>7146715</b> | <b>COVER ASSEMBLY - AG46+ &amp; AG50+</b> |
| 1    | 1    | 21994.04       | REAR COVER - R/H Build                    |
| 2    | 10   | 9100105        | FLAT WASHER                               |
| 3    | 5    | 9143005        | SELF-LOCKING NUT                          |
| 4    | 3    | 9300154        | SCREW                                     |
| 5    | 2    | 9300166        | SCREW                                     |