

# Parts Manual

Mfg. No: 5902162  
IS6200 Series w/ Caterpillar Diesel, 72"  
Mower Deck & ROPS (IS6200, 72 , C48,  
NA)



5600962 - Striping Kit, 72 iCD / iCD+ Deck.....  
5601468 - Mulch Kit for ZTR w/ 72" iCD+.....  
84010864 - Front Baffle Kit for 72" iCD+ Decks.....

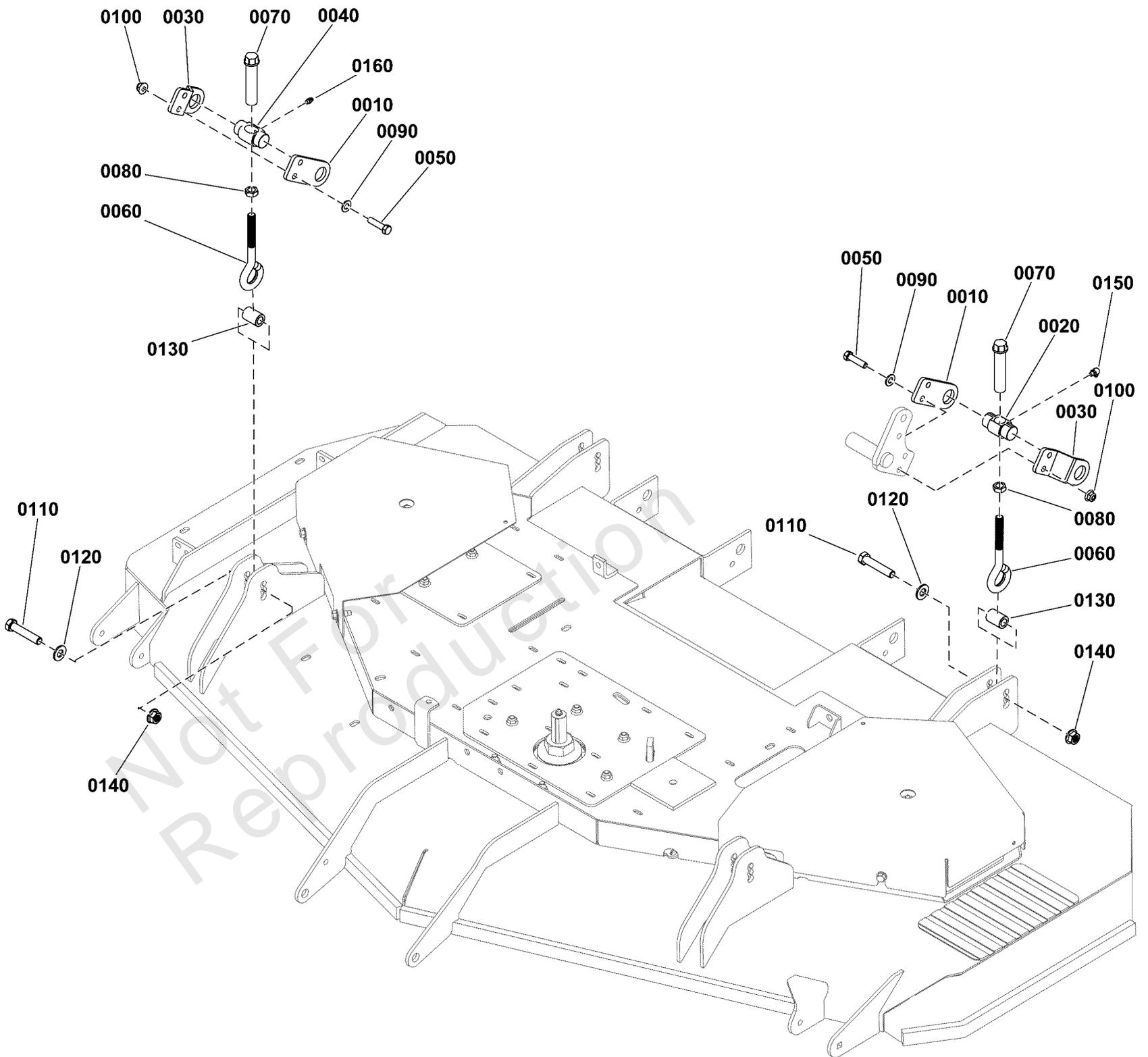
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# 72" iCD+ Mower Deck Group - Hanger Chains

Note: Unless noted otherwise, use the standard torque specifications

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## 72" iCD+ Mower Deck Group - Hanger Chains

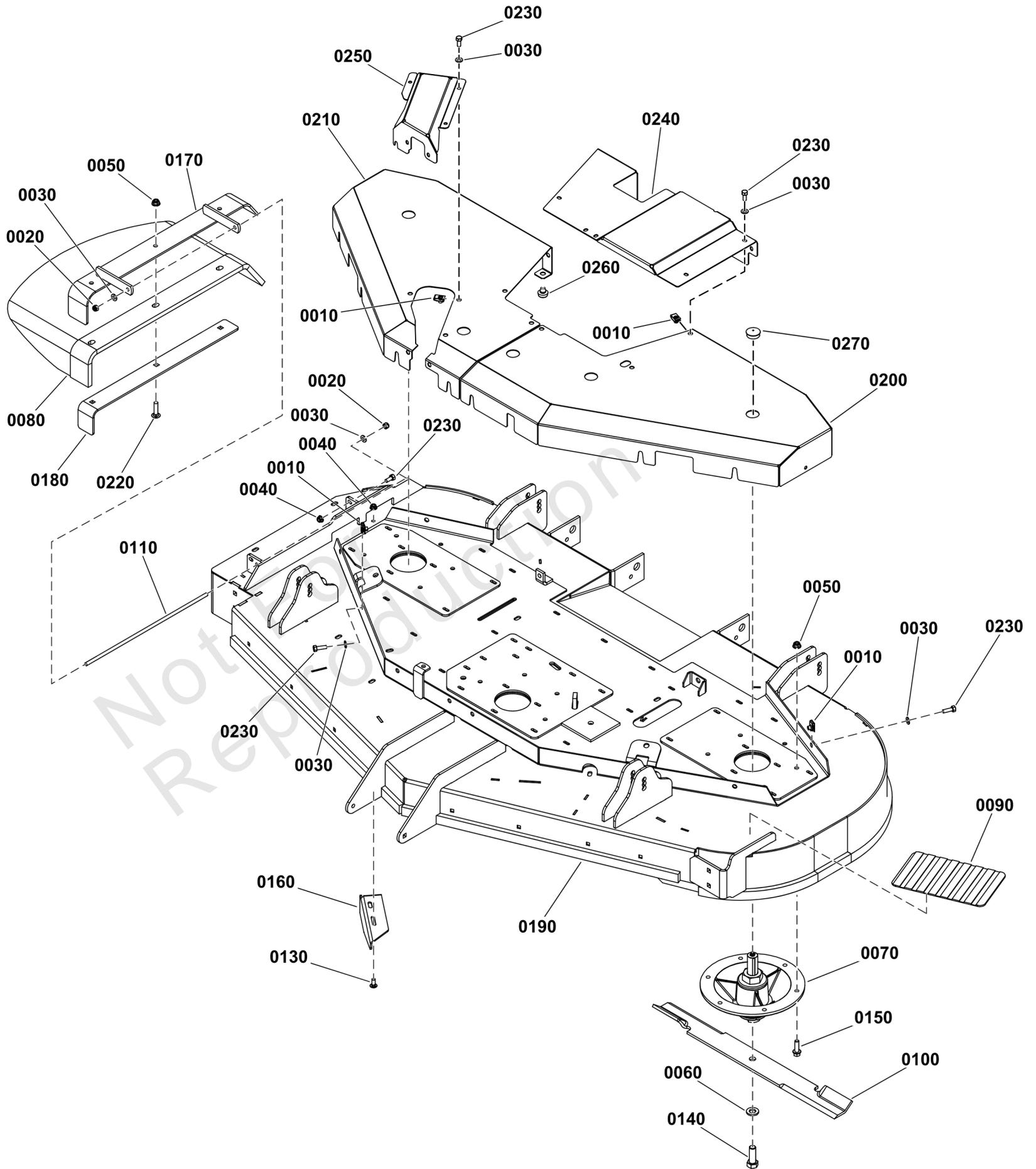
| REF NO | PART NO      | QTY | DESCRIPTION            |
|--------|--------------|-----|------------------------|
| 0010   | 5413900BFS   | 4   | BRACKET                |
| 0020   | 84003302     | 2   | TRUNNION               |
| 0030   | 5413899BFS   | 4   | BRACKET                |
| 0040   | 84003306     | 2   | TRUNNION               |
| 0050   | 703406       | 8   | CAPSCREW,3/8-16X1.5    |
| 0060   | 84003305     | 4   | EYE BOLT               |
| 0070   | 5109915FS    | 4   | ADJUSTER, HEIGHT       |
| 0080   | 5025089SM    | 4   | NUT, 1/2-20 HEX JAM    |
| 0090   | 5025156FS    | 8   | WASHER                 |
| 0100   | 5025394SM    | 8   | NUT, 3/8-16 HEX NYLOCK |
| 0110   | 5025017X20SM | 4   | BOLT, 1/2-13 X 2-1/2   |
| 0120   | 5025158SM    | 4   | WASHER, 1/2" SAE       |
| 0130   | 84003303     | 4   | SPACER                 |
| 0140   | 770225       | 4   | NUT                    |
| 0150   | 5025447FS    | 2   | FITTING                |
| 0160   | 5020095SM    | 2   | GREASE FITTING, 1/4-2  |

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# 72" iCD+ Mower Deck Group - Housing, Covers and Spindles

Note: Unless noted otherwise, use the standard torque specifications

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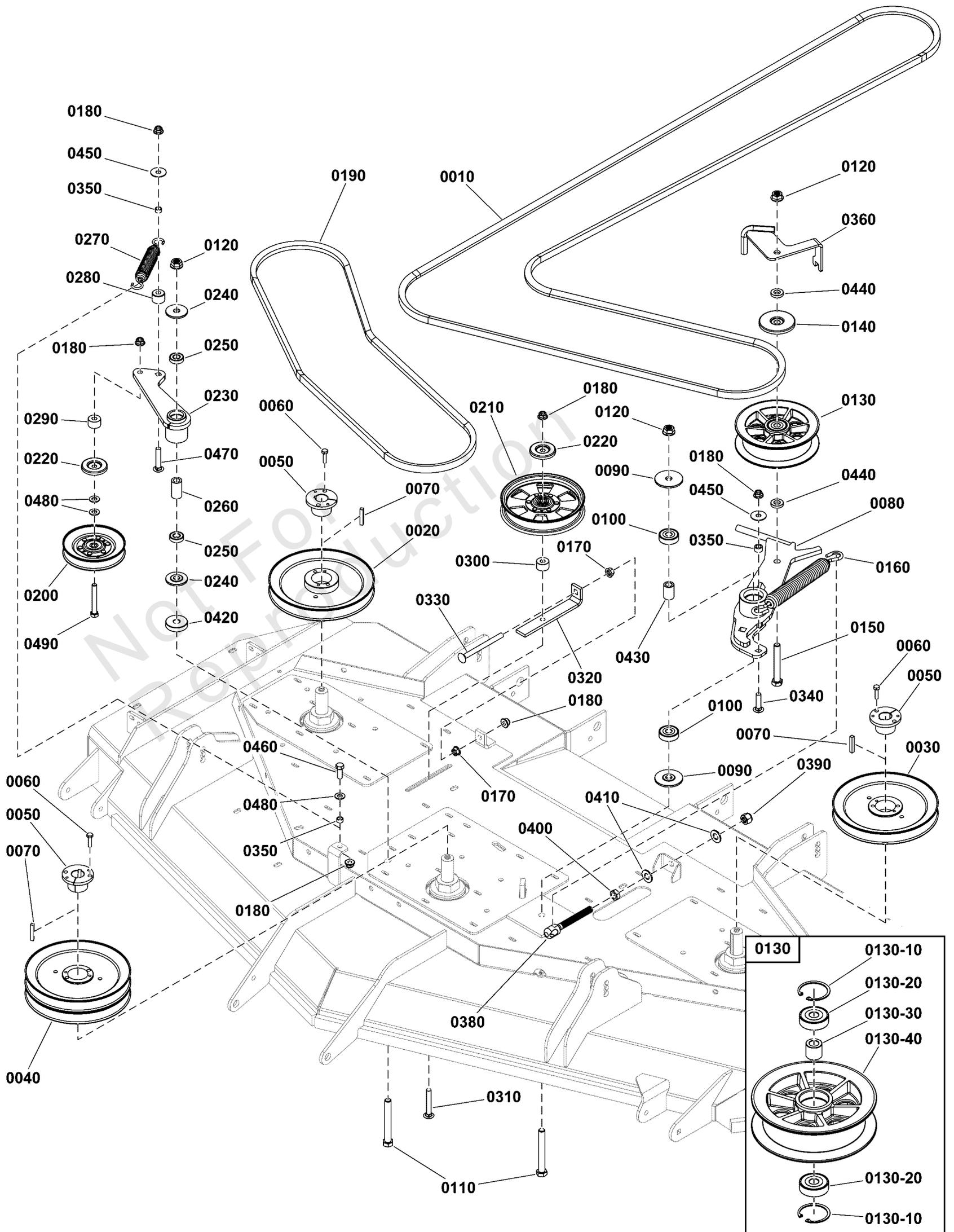
## 72" iCD+ Mower Deck Group - Housing, Covers and Spindles

| REF NO | PART NO      | QTY | DESCRIPTION   |
|--------|--------------|-----|---|
| 0010   | 5022308SM    | 21  | BODY CLIP, 5/16-18 X  |
| 0020   | 5025045SM    | 2   | NUT, 5/16-24 HEX NYLO   |
| 0030   | 703350       | 23  | WASHER  |
| 0040   | 5025392FS    | 3   | NUT   |
| 0050   | 5025394SM    | 21  | NUT, 3/8-16 HEX NYLOCK  |
| 0060   | 5025477SM    | 3   | WASHER, 5/8" YZ   |
| 0070   | 84003242     | 3   | SPINDLE ASSEMBLY  |
| 0080   | 84011105     | 1   | CHUTE, Discharge  |
| 0090   | 5101005SM    | 1   | SAFETY WALK   |
| 0100   | 5102227S     | 1   | BLADE, 25 X 25 X 2.50, HIGH LIFT (SET OF 3)<br>-(Set of 3 blades) |
| 0110   | 5061300FS    | 1   | ROD   |
| 0130   | 5025145X6SM  | 2   | BOLT, 5/16-18 X 3/4",   |
| 0140   | 770136       | 3   | BOLT<br>-(Torque blade mounting bolt to 120 ft-lbs (163 Nm))      |
| 0150   | 5025390X10FS | 18  | BOLT<br>-(Torque spindle mounting bolt to 30 ft-lbs (41 Nm))      |
| 0160   | 5407876AYP   | 1   | DEFLECTOR   |
| 0170   | 84003246     | 1   | FRAME, CHUTE  |
| 0180   | 84003245     | 1   | PLATE, SUPPORT  |
| 0190   | -----        | 1   | DECK SHELL w/Decals<br>-(North American Models)                   |
| 0190   | -----        | 1   | DECK SHELL w/Decals<br>-(Export Models)                           |
| 0200   | 5421676BFS   | 1   | GUARD, PULLEY   |
| 0210   | 5421677BFS   | 1   | GUARD, PULLEY   |
| 0220   | 5025146X12YP | 3   | BOLT, 3/8-16 X 1-1/2  |
| 0230   | 5025011X6SM  | 22  | BOLT, 5/16-18 X 3/4"  |
| 0240   | 5421700BFS   | 1   | GUARD, PULLEY   |
| 0250   | 5421741BFS   | 1   | PLATE   |
| 0260   | 197546GS     | 4   | MOUNT-VIBRATION   |
| 0270   | 5023484SM    | 5   | PLUG, PANEL, 1.25 - B   |

# 72" iCD+ Mower Deck Group - Pulleys, Belts, and Idler Arms

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



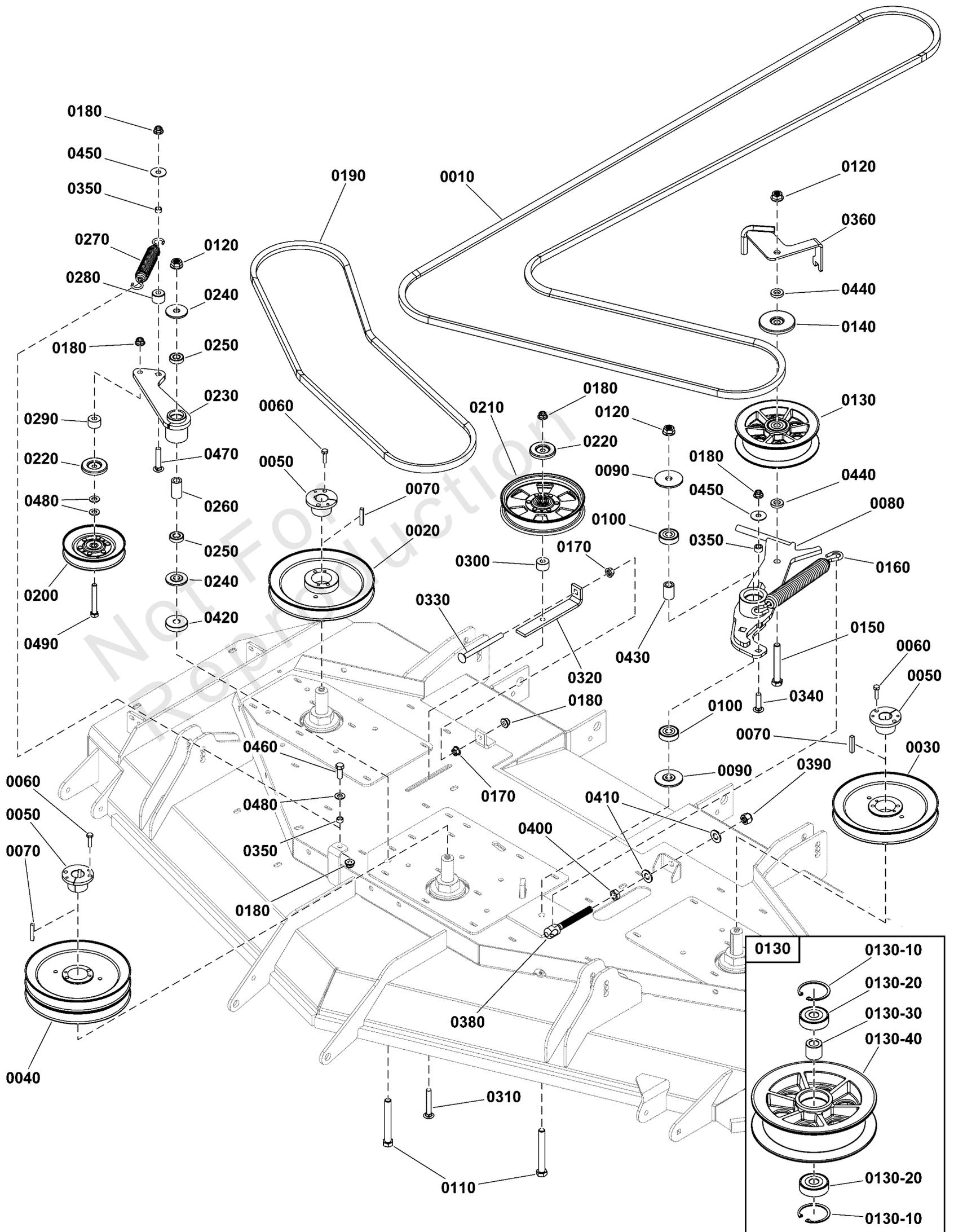
## 72" iCD+ Mower Deck Group - Pulleys, Belts, and Idler Arms

| REF NO  | PART NO    | QTY | DESCRIPTION   |
|---------|------------|-----|---|
| 0010    | 5109651    | 1   | BELT, SPB 177.559" EL, ARAMID, WRAP                               |
| 0020    | 5105052    | 1   | PULLEY, SPNDL, 8.37"OB, HQ BORE -RH                               |
| 0030    | 5105053    | 1   | PULLEY, SPNDL, 8.37"OB, HQ BORE -LH                               |
| 0040    | 5105054    | 1   | PULLEY, SPNDL, 8.37"OB-DBL, HQ BORE                               |
| 0050    | 5020819    | 3   | BUSHING, Tapered Hub  |
| 0060    | 5025010X8  | 6   | BOLT, 1/4-20 X 1" GD5 CZ  |
| 0070    | 5022726    | 3   | KEY 1/4 SQ X 1 1/2 LONG   |
| 0080    | 5415997AA  | 1   | WELD, IDLER ARM, 2B DECK DRIVES - BLK                             |
| 0090    | 5104379    | 2   | SPACER, IDLER ARM, 1/2 X 2.25                                     |
| 0100    | 5104383    | 2   | BEARING, 6203-1/2", SEALED  |
| 0110    | 5025017X32 | 2   | BOLT, 1/2-13 X 4" GD5 CZ  |
| 0120    | 5025396    | 3   | NUT, Hex Flange, Nylock, 1/2-13                                   |
| 0130    | 5109029    | 1   | PULLEY, IDLER, 5.50, CI<br>-(Includes items #0130-10 to 0130-40). |
| 0130-10 | 5020865    | 2   | SNAP RING, Internal   |
| 0130-20 | 5109021    | 2   | BEARING, 6203-3RC3-1/2SR12-Q                                      |
| 0130-30 | 5105011    | 1   | SPACER, .505 X .875 X .805, CZ                                    |
| 0130-40 | -----      | 1   | PULLEY HOUSING<br>-(Replace with item #0130.)                     |
| 0140    | 5105041    | 1   | SHIELD, PULLEY, 1/2"ID X 2-7/8"OD, CZ                             |
| 0150    | 5025017X28 | 1   | BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)                        |
| 0160    | 5105068    | 1   | SPRING, EXT1.22"ODX10.5"FLX.192"WIRE BLK                          |
| 0170    | 5025128    | 2   | NUT, 3/8-16 Hex Large Serrated Flange                             |
| 0180    | 5025394    | 6   | NUT, 3/8 - 16 HEX NYLOCK FLANGE                                   |
| 0190    | 5105036    | 1   | BELT, B-SEC, 76.40 EL, ARAMID, WRPD                               |
| 0200    | 5108772    | 1   | PULLEY, V-IDLER, 5"OD X 3/8", CZ, TE                              |
| 0210    | 5105109    | 1   | PULLEY, FLT IDLR, 6.0 X 1.0 X .38, CZ                             |
| 0220    | 5105033    | 2   | SHIELD, PULLEY, 3/8"ID X 2"OD, CZ                                 |
| 0230    | 5416161AA  | 1   | NLA - WELD, IDLER ARM, 2 BELT DRIVE -BLK                          |
| 0240    | 5103262    | 2   | SPACER, IDLER ARM, 1/2, PM  |
| 0250    | 7078243    | 2   | BEARING, BALL, AXLE   |
| 0260    | 5103812    | 1   | SPACER, .52 X .84 X 1.53, PM                                      |
| 0270    | 5022847    | 1   | SPRING-EXT, 1.04 ODX6.935LGX.148WR, BLK                           |
| 0280    | 5043815    | 1   | SPACER, .39 X 1.00 X .75, CZ                                      |
| 0290    | 5046860    | 1   | SPACER, .39 X 1.00 X .50, PM, CZ                                  |
| 0300    | 5100334    | 2   | SPACER, .39 X 1.00 X .63, CZ                                      |
| 0310    | 5025146X20 | 1   | BOLT, 3/8-16 X 2-1/2, CARRIAGE, GD5, CZ                           |
| 0320    | 5415508AA  | 1   | PLATE, IDLER PUSHER, 72 - BLK                                     |
| 0330    | 5025146X36 | 1   | BOLT, 3/8-16 X 4-1/2, CARRIAGE, GD5, CZ                           |
| 0340    | 5025146X12 | 1   | BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ                           |
| 0350    | 5105297    | 3   | SPACER, .39 X .63 X .375M DOM CZ                                  |
| 0360    | 5415996AA  | 1   | WELD, UPPER ARM GUIDE - BLK                                       |
| 0380    | 5105844    | 1   | SPRING PULLER, 1/2-20, 5.00                                       |
| 0390    | 5025098    | 1   | NUT, Hex, Nylon Lock, 1/2-20                                      |
| 0400    | 5025089    | 1   | NUT, 1/2-20 Hex Jam   |
| 0410    | 5025158    | 2   | WASHER, 1/2 SAE   |
| 0420    | 5105066    | 1   | SPACER, .52 X 1.75 X .420, CZ                                     |
| 0430    | 5104456    | 1   | SPACER, .51 X .84 X 1.22, PM, CZ                                  |
| 0440    | 5100520    | 2   | SPACER, .52 X 1.00 X .22, PM, CZ                                  |
| 0450    | 5025165    | 2   | WASHER, 3/8" Fender   |
| 0460    | 5025013X8  | 1   | BOLT, 3/8-16 X 1" GD5 CZ  |
| 0470    | 5025146X16 | 1   | BOLT, 3/8-16 X 2, CARRIAGE, GD5, CZ                               |

# 72" iCD+ Mower Deck Group - Pulleys, Belts, and Idler Arms

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



**72" iCD+ Mower Deck Group - Pulleys, Belts, and Idler Arms**

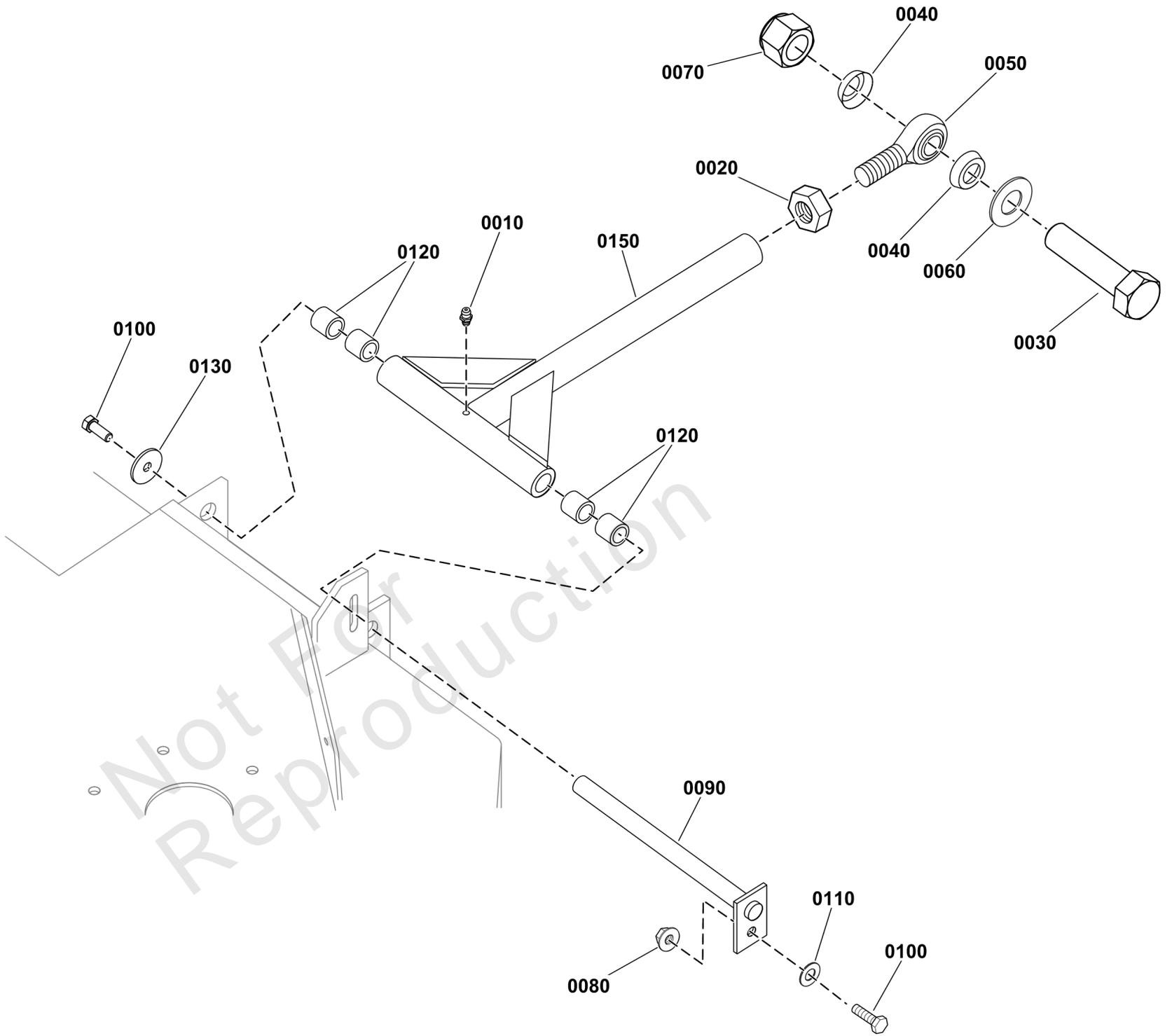
| REF NO | PART NO    | QTY | DESCRIPTION                  |
|--------|------------|-----|------------------------------|
| 0480   | 5025156    | 3   | WASHER, 3/8 SAE              |
| 0490   | 5025013X22 | 1   | BOLT, 3/8-16 X 2-3/4" GD5 CZ |

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# 72" iCD+ Mower Deck Group - Pusher Bars

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## 72" iCD+ Mower Deck Group - Pusher Bars

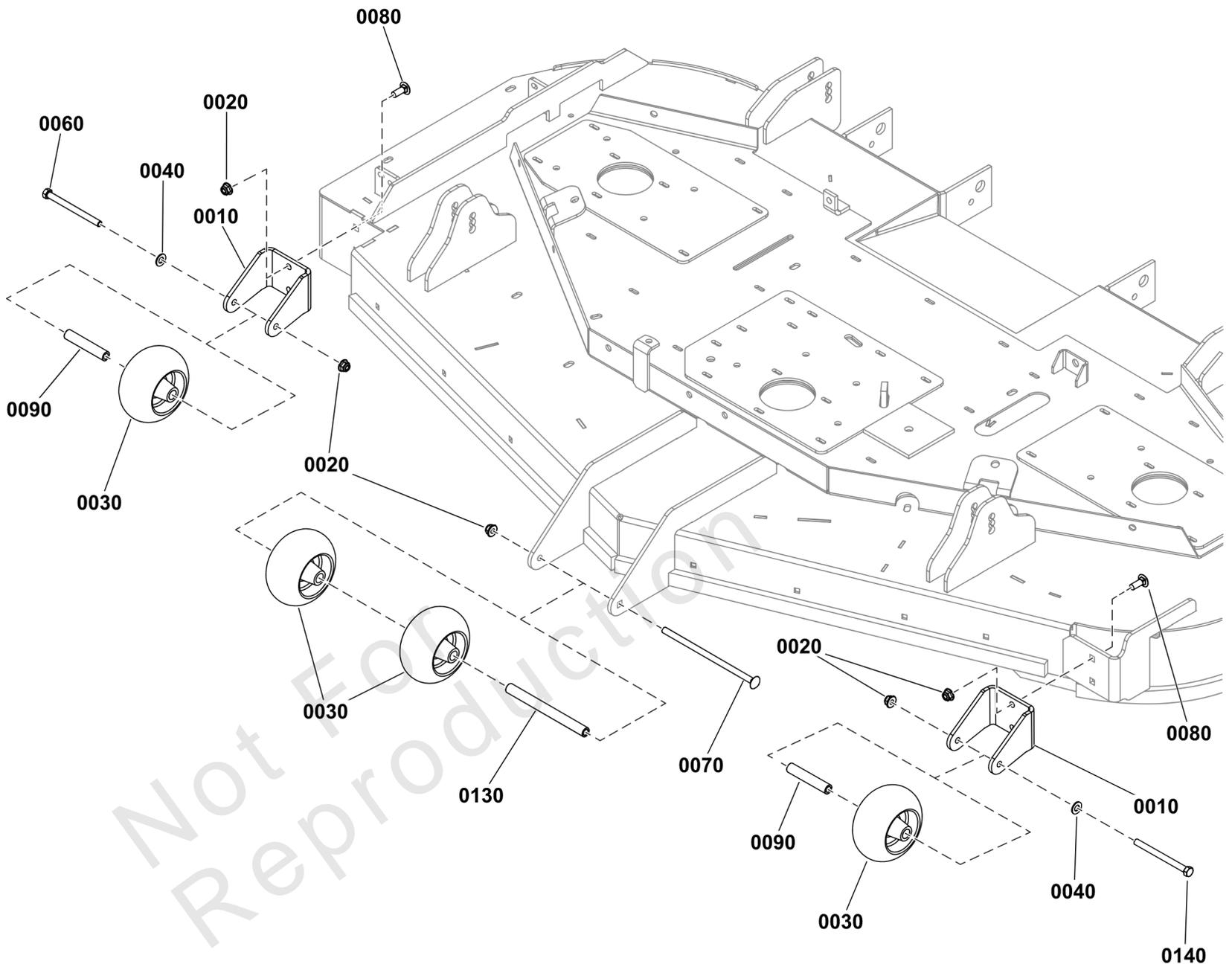
| REF NO | PART NO      | QTY | DESCRIPTION            |
|--------|--------------|-----|------------------------|
| 0010   | 5020095SM    | 2   | GREASE FITTING, 1/4-2  |
| 0020   | 5025093SM    | 2   | NUT, 3/4-16 HEX JAM    |
| 0030   | 5025265X24SM | 2   | BOLT, 3/4-16 X 3" YZ   |
| 0040   | 5022111SM    | 4   | SEAL, 3/4" ROD END     |
| 0050   | 5108795FS    | 2   | JOINT, BALL            |
| 0060   | 5025160SM    | 2   | WASHER, 3/4" SAE       |
| 0070   | 5025284SM    | 2   | NUT, 3/4-16 HEX NYLON  |
| 0080   | 5025394SM    | 2   | NUT, 3/8-16 HEX NYLOCK |
| 0090   | 5045037AAFS  | 2   | SHAFT                  |
| 0100   | 5025013X8SM  | 4   | BOLT, 3/8-16 X 1" GD5  |
| 0110   | 5025156FS    | 2   | WASHER                 |
| 0120   | 5023344SM    | 8   | BUSHING, .75 X 1.00 X  |
| 0130   | 5100548SM    | 2   | WASHER - .39X1.50      |
| 0150   | 5421037BFS   | 2   | BAR                    |

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# 72" iCD+ Mower Deck Group - Rollers

Note: Unless noted otherwise, use the standard torque specifications

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## 72" iCD+ Mower Deck Group - Rollers

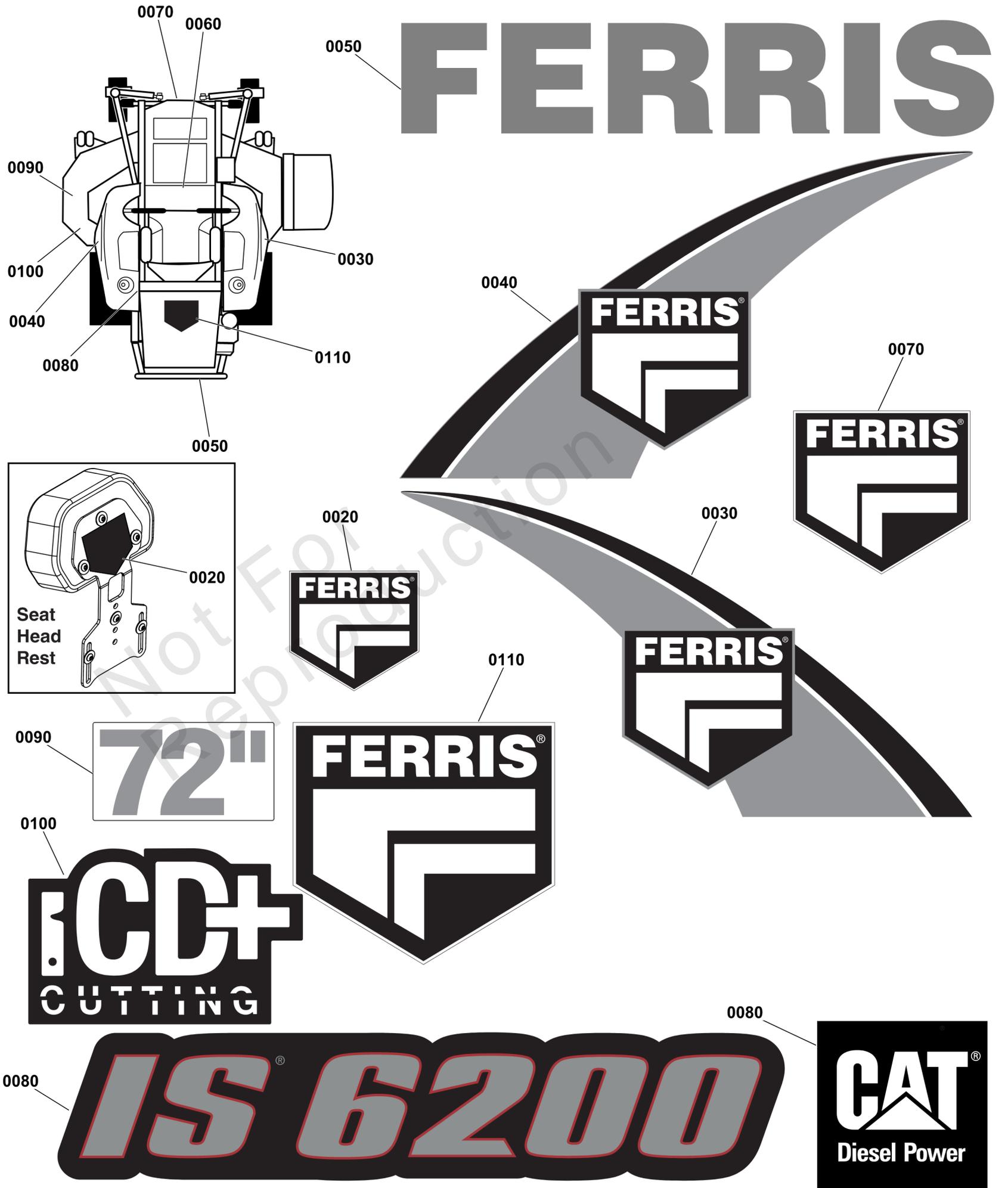
| REF NO | PART NO      | QTY | DESCRIPTION               |
|--------|--------------|-----|---------------------------|
| 0010   | 84007853     | 2   | MOUNT, Roller             |
| 0020   | 5025394SM    | 7   | NUT, 3/8-16 HEX NYLOCK    |
| 0030   | 5105521FS    | 4   | WHEEL                     |
| 0040   | 5025156FS    | 1   | WASHER                    |
| 0060   | 5025146X36YP | 1   | BOLT                      |
| 0070   | 84007856     | 1   | BOLT, Carriage 3/8-16 X 8 |
| 0080   | 703814       | 4   | BOLT, RD HD, 3/8-16X1     |
| 0090   | 5105554YP    | 2   | SPACER                    |
| 0130   | 84007855     | 1   | SPACER                    |
| 0140   | 5025013X36YP | 1   | BOLT, 3/8-16 X 4-1/2      |

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**Decal Group - Brand and Model**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## ***Decal Group - Brand and Model***

| <b>REF NO</b> | <b>PART NO</b> | <b>QTY</b> | <b>DESCRIPTION</b>                  |
|---------------|----------------|------------|-------------------------------------|
| 0020          | 5104756FS      | 1          | DECAL, BRAND<br>-(Refer to Note: *) |
| 0030          | 5109100FS      | 1          | DECAL, Model, Right Hand            |
| 0040          | 5109099FS      | 1          | DECAL, MODEL, LEFT HAND             |
| 0050          | 5107360FS      | 1          | DECAL, Brand                        |
| 0060          | 5108343FS      | 1          | DECAL, Model                        |
| 0070          | 5104724FS      | 1          | DECAL, BRAND                        |
| 0080          | 5100822FS      | 1          | DECAL, MODEL                        |
| 0090          | 5022814SM      | 1          | DECAL, 72"                          |
| 0100          | -----          | 1          | DECAL, iCD+ CUTTING SYSTEM          |
| 0110          | 5104767FS      | 1          | DECAL, BRAND                        |

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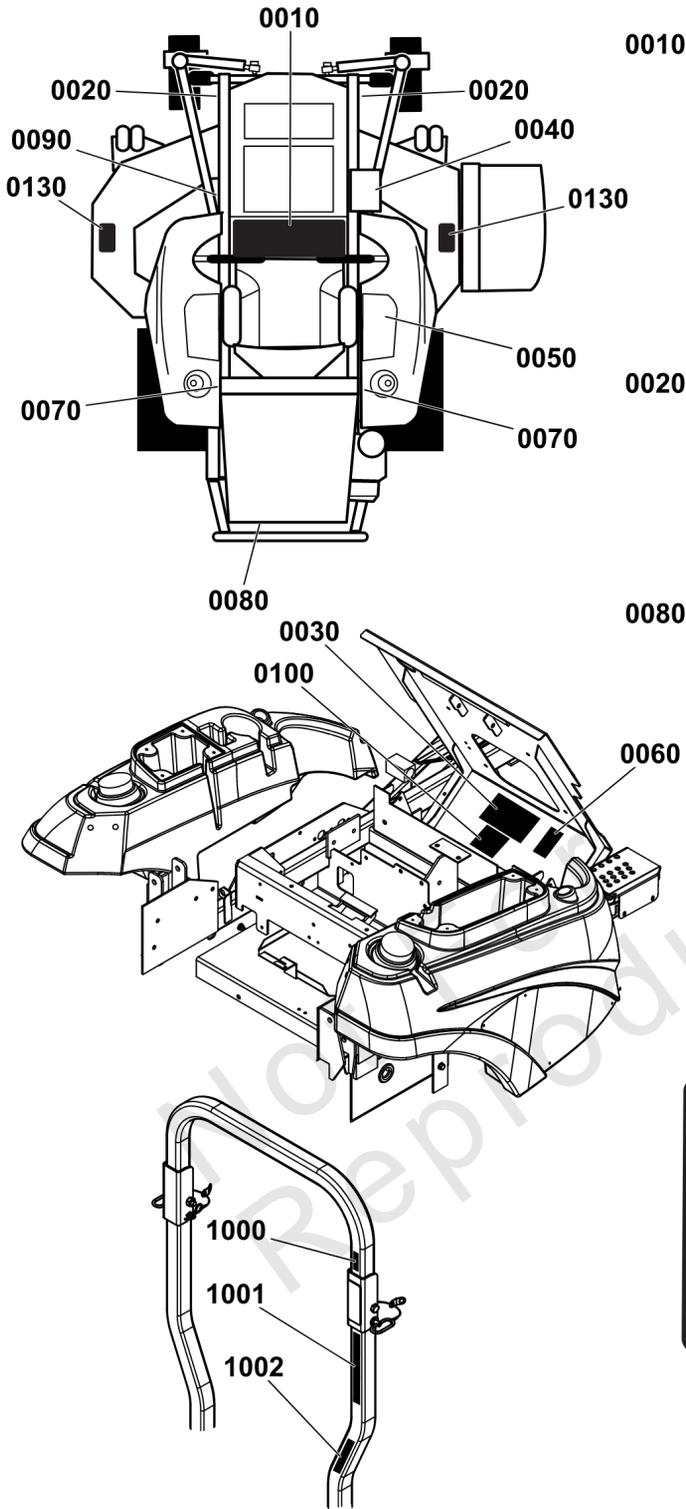
**Footnotes:**

Note: \*If equipped with a head rest assembly.

# Decal Group - Safety and Operation

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



|   |   |
|---|---|
| <p><b>WARNING</b></p> <p><b>Avoid serious injury or death</b></p> <ul style="list-style-type: none"> <li>Read operator's manual before using this product.</li> <li>Do NOT operate this machine unless you are trained.</li> <li>Know the location and function of all controls.</li> <li>Keep safety devices (guards, shields, switches, etc.) in place and working. Wear eye and ear protection.</li> <li>Remove objects that could be thrown by the blade.</li> <li>Be sure blades and engine are stopped before placing hands or feet near blades.</li> <li>When leaving machine, shut off, remove key and set parking brake.</li> </ul> <p><b>Fire hazard</b></p> <ul style="list-style-type: none"> <li>Gasoline is flammable. Yard debris is combustible.</li> <li>Allow engine to cool for at least 3 minutes before refueling.</li> <li>Keep unit cleaned of yard debris.</li> <li>This equipment may create sparks that can start fires around dry vegetation. A spark arrestor may be required. Contact local fire agencies for regulations relating to fire prevention requirements.</li> </ul> | <p><b>DANGER</b></p> <p><b>Amputation hazard</b></p> <p>Rotating blades cut off arms and legs.</p> <ul style="list-style-type: none"> <li>Stop the mower when children or others are near. Keep bystanders away.</li> <li>Do not carry riders (especially children) even with the blades off. They may fall off or return for another ride when you are not expecting it.</li> <li>Look down, behind and to the side before changing directions and while backing.</li> </ul> <p><b>Water, retaining walls, and drop-off hazards</b></p> <p>Wheels dropping over edges may result in serious injury, death or drowning.</p> <ul style="list-style-type: none"> <li>Do NOT operate down slopes towards or near water, retaining walls or drop-offs.</li> <li>Give yourself a minimum of two mower widths of clearance around these hazards.</li> </ul> <p><b>Loss of control and roll-over hazard</b></p> <p>Operating on slopes can be hazardous and cause loss of control and roll-overs.</p> <ul style="list-style-type: none"> <li>Do not operate on slope over 15 degrees.</li> <li>Avoid sudden turns or rapid speed changes.</li> <li>Reduce speed and use extreme caution on slopes.</li> <li>Avoid turning down slopes; if possible turn up slopes.</li> <li>If machine stops forward motion on a slope, stop the blades and drive slowly off the slope.</li> </ul> <p><b>Wet or soft slope hazard</b></p> <p>Wet or soft slopes can cause sliding and loss of control.</p> <ul style="list-style-type: none"> <li>Do NOT operate on slopes when grass is wet.</li> <li>Do NOT operate on slopes when soil is soft (such as after heavy rain).</li> </ul> |
|---|---|

**WARNING**

**PINCH POINT**

To avoid injury from loaded spring, read operator's manual before removing spring.

**DANGER**

**Amputation and thrown objects hazard**

- Keep hands and feet away from deck.
- Do not operate mower unless discharge chute or entire grass catcher is in its proper place.

**WARNING**

**Amputation and Pinch Point Hazard**

To avoid injury from rotating parts, stay clear of parts and keep all shields and guards in place.

The operator's manual is available in Spanish. La manual del operador está disponible en Español.

**WARNING**

**Avoid serious injury or death from rollover.**

Do not operate without the rollbar installed and operational.

**WARNING**

**AVOID SERIOUS INJURY OR DEATH FROM ROLL OVER:**

Keep roll bar in the raised position and use seat belt.

THERE IS NO ROLL OVER PROTECTION WHEN THE ROLL BAR IS DOWN

Lower the roll bar only when necessary and NEVER remove it.

Do NOT use seat belt when the roll bar is down.

Raise the roll bar as soon as clearance permits.

Do NOT jump off if mower tips.

Read and follow all operating instructions and warnings in the operator's manual.

**CAUTION**

**ROLL OVER PROTECTIVE STRUCTURE**

To maintain operator protection and roll bar certification:

Replace a damaged roll bar, do NOT attempt to repair or modify.

Any alteration of the roll bar must be approved by the manufacturer.

DO NOT exceed the machine weight rating of the roll bar.

**WARNING**

**LOW OVERHANGING OBSTACLES HAZARD**

Check for overhead clearances before driving under any objects. Do NOT allow roll bar to contact low overhanging obstacles, such as tree branches and guide wires.

**HYDRAULIC OIL**

USE EITHER:  
**MOBIL 1™**  
**15W-50 OIL**  
 - OR -  
**CASTROL SYNTEC™**  
**5W-50 OIL**

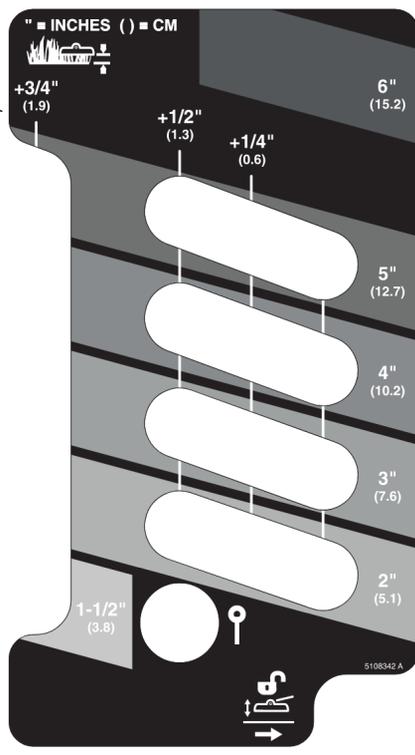
DO NOT USE CONVENTIONAL OILS!

**WARNING**

**Fire hazard**

Gasoline is flammable. Yard debris is combustible.

| Belts & Blades              |          |
|-----------------------------|----------|
| <b>Tractor</b>              |          |
| Pump Drive Belt             | 5109147  |
| PTO Drive Belt              | 5109171  |
| <b>72" Mower Deck</b>       |          |
| Deck Drive Belt - Long (US) | 5109651  |
| Deck Drive Belt - Long (CE) | 5104061  |
| Deck Drive Belt - Short RH  | 5105036  |
| Mower Blade (Set)           | 5102227S |



## ***Decal Group - Safety and Operation***

| <b>REF NO</b> | <b>PART NO</b> | <b>QTY</b> | <b>DESCRIPTION</b>                                |
|---------------|----------------|------------|---|
| 0010          | 84008252       | 1          | DECAL, MAIN SAFETY                                |
| 0020          | 84008198       | 2          | DECAL, Warning/Safety, Pinch Point                |
| 0030          | 5101990YP      | 1          | DECAL, CZT HYRDO RELE                             |
| 0040          | 5108342FS      | 1          | DECAL, Cutting Height                             |
| 0050          | 5048970SM      | 1          | DECAL, Ignition Switch                            |
| 0060          | 5048454SM      | 1          | DECAL, OIL RESEVOIR                               |
| 0070          | 84008199       | 2          | DECAL, Warning/Safety, Roll Bar                   |
| 0080          | 84008200       | 1          | DECAL, Warning/Safety, Hand in Belt               |
| 0090          | 84007903       | 1          | DECAL, Manual                                     |
| 0100          | 5109854FS      | 1          | DECAL, BELT & BLADE                               |
| 0130          | 84007896       | 2          | DECAL, Danger, Cut Hand/Foot                      |
| 0140          | 5109872        | 1          | DECAL, WARNING, CAT<br>-(Located by air cleaner). |
| 1000          | 5100405YP      | 1          | DECAL, WARNING, Overhead Obstacles                |
| 1001          | 5104082YP      | 1          | DECAL, WARNING, ROPS                              |
| 1002          | 5104083YP      | 1          | DECAL, CAUTION, ROPS                              |

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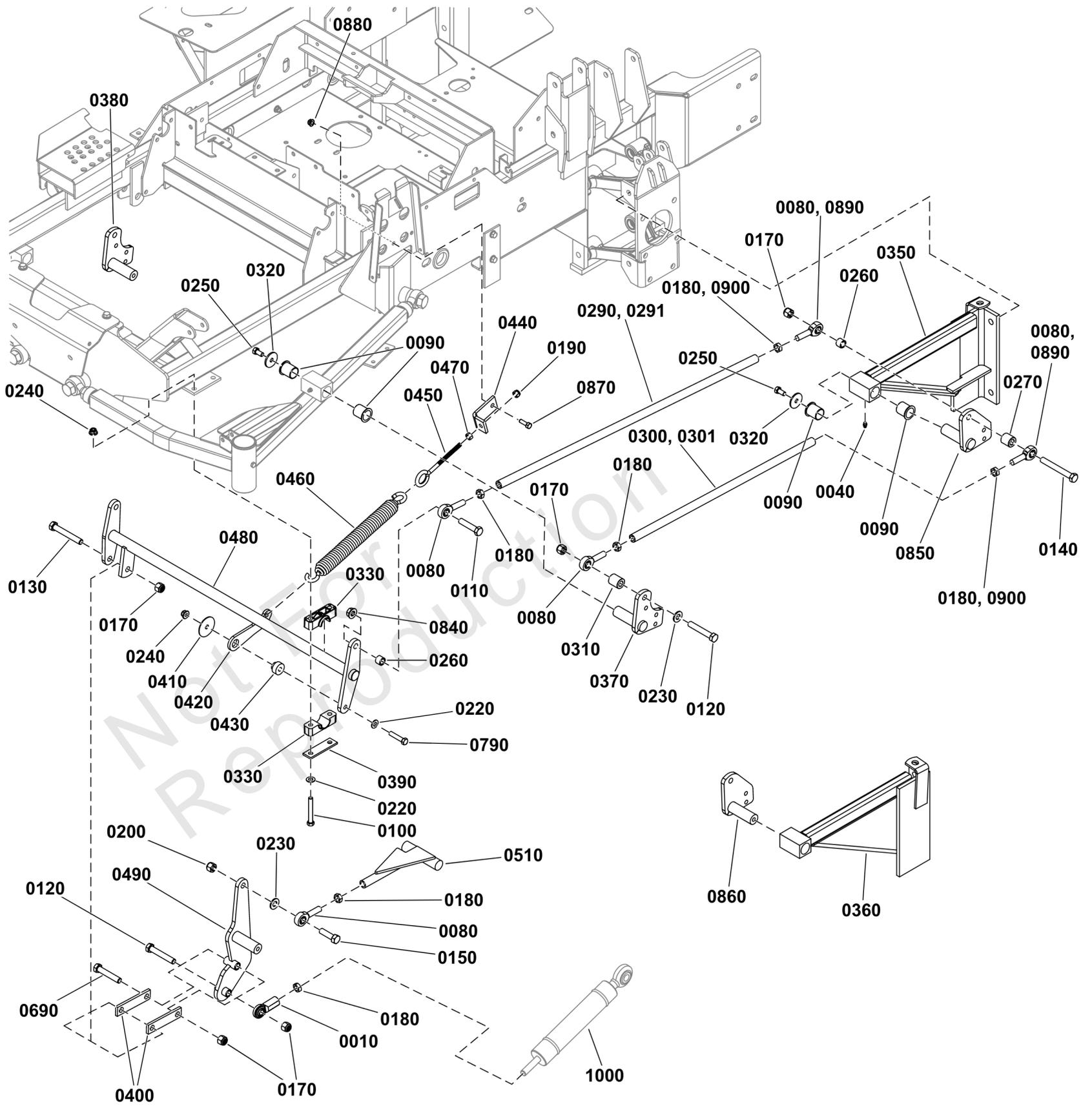
## Deck Lift Group - Foot Pedal and Linkages

| REF NO | PART NO    | QTY | DESCRIPTION   |
|--------|------------|-----|---|
| 0020   | 5025281    | 1   | WASHER, 5/8" SAE                                    |
| 0030   | 5025282    | 1   | NUT, Hex Jam, Nylon Lock, 5/8-11                    |
| 0050   | 5020639    | 1   | SPRING-EXT, .500 OD X 3.50 LG X .058 WR             |
| 0060   | 5021733    | 1   | KNOB, PLASTIC, 1/2-13                               |
| 0070   | 5022045    | 1   | PIN, COTTERLESS                                     |
| 0160   | 5025019X20 | 1   | BOLT, HEX, 5/8-11 X 2-1/2, GD5, CZ                  |
| 0220   | 5025156    | 9   | WASHER, 3/8 SAE                                     |
| 0240   | 5025394    | 9   | NUT, 3/8 - 16 HEX NYLOCK FLANGE                     |
| 0280   | 5061116B   | 1   | WELD, DECK LIFT LOCK ROD - RED                      |
| 0340   | 5102941    | 1   | SPACER, .64 X 1.00 X .50, CZ                        |
| 0500   | 5420660B   | 1   | WELD, PEDAL LIFT, IS6200Z - RED                     |
| 0520   | 5421137AA  | 1   | WELD, VALVE PIVOT, IS6200 - BLK                     |
| 0530   | 5048707    | 1   | ROD, LEVER CONNECTING, CZ                           |
| 0540   | 5109702    | 1   | ROD, DECK LIFT PEDAL, 6200                          |
| 0550   | 5103726    | 1   | SLEEVE, THRD 3/8-24                                 |
| 0560   | 5047125    | 1   | SPACER, .39 X 1.00 X .88, CZ                        |
| 0570   | 5021683    | 1   | BALL JOINT, 3/8-24 FEMALE                           |
| 0580   | 5101800YP  | 1   | CLEVIS, 3/8-24 RH                                   |
| 0590   | 5022392    | 1   | BALL JOINT, 3/8-24 LH, Female                       |
| 0600   | 5042658    | 1   | SPACER, .38 X .75 X 1.06, YZ                        |
| 0620   | 5025013X18 | 1   | BOLT, 3/8-16 X 2-1/4" GD5 CZ                        |
| 0650   | 5410081B   | 1   | WELD, LOCKOUT, LIFT LEVER - RED                     |
| 0660   | 5023320    | 1   | SPRING-COMP, .615ID X 4.00LG X .080WR               |
| 0670   | 5025210    | 1   | 3/32 X 1-5/8 HAIR PIN CLIP                          |
| 0680   | 5025214X9  | 1   | PIN, CLEVIS, 3/8 X 1-1/8, PLATED                    |
| 0710   | 5025035SM  | 3   | NUT (3/8-24 HEX)                                    |
| 0720   | 5025317    | 1   | NUT, 3/8-24 Hex, LH                                 |
| 0730   | 5025270    | 1   | SCREW, #10-24 X 1 RS, CZ                            |
| 0740   | 5025271    | 1   | NUT, Hex, Nylon Lock, #10-24                        |
| 0750   | 5025301    | 1   | NUT, Hex, Jam, 1/2-13                               |
| 0760   | 5025010X8  | 2   | BOLT, 1/4-20 X 1" GD5 CZ                            |
| 0770   | 5025154    | 2   | WASHER, 1/4 SAE                                     |
| 0780   | 5025391    | 2   | NUT, 1/4-20 Hex Nylock Flange                       |
| 0800   | 80003522   | 2   | HHCS, 3/8-16 X 2.00, GR5, ZINC/CLEAR                |
| 0810   | 5107741    | 4   | BUSHING, IGUS, .50ID X .63OD X .38                  |
| 0820   | 5041931    | 2   | SPACER, .38 X .50 X 1.25, CZ                        |
| 0830   | 5025013X20 | 1   | BOLT, 3/8-16 X 2-1/2" GD5 CZ                        |
| 1000   | -----      | 1   | Refer to: Hydraulic Group                           |
| 1001   | -----      | 0   | Part of Main Frame Weldment<br>-(Shown for clarity) |

# Deck Lift Group - Shaft, Rod, and Lift Linkage

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



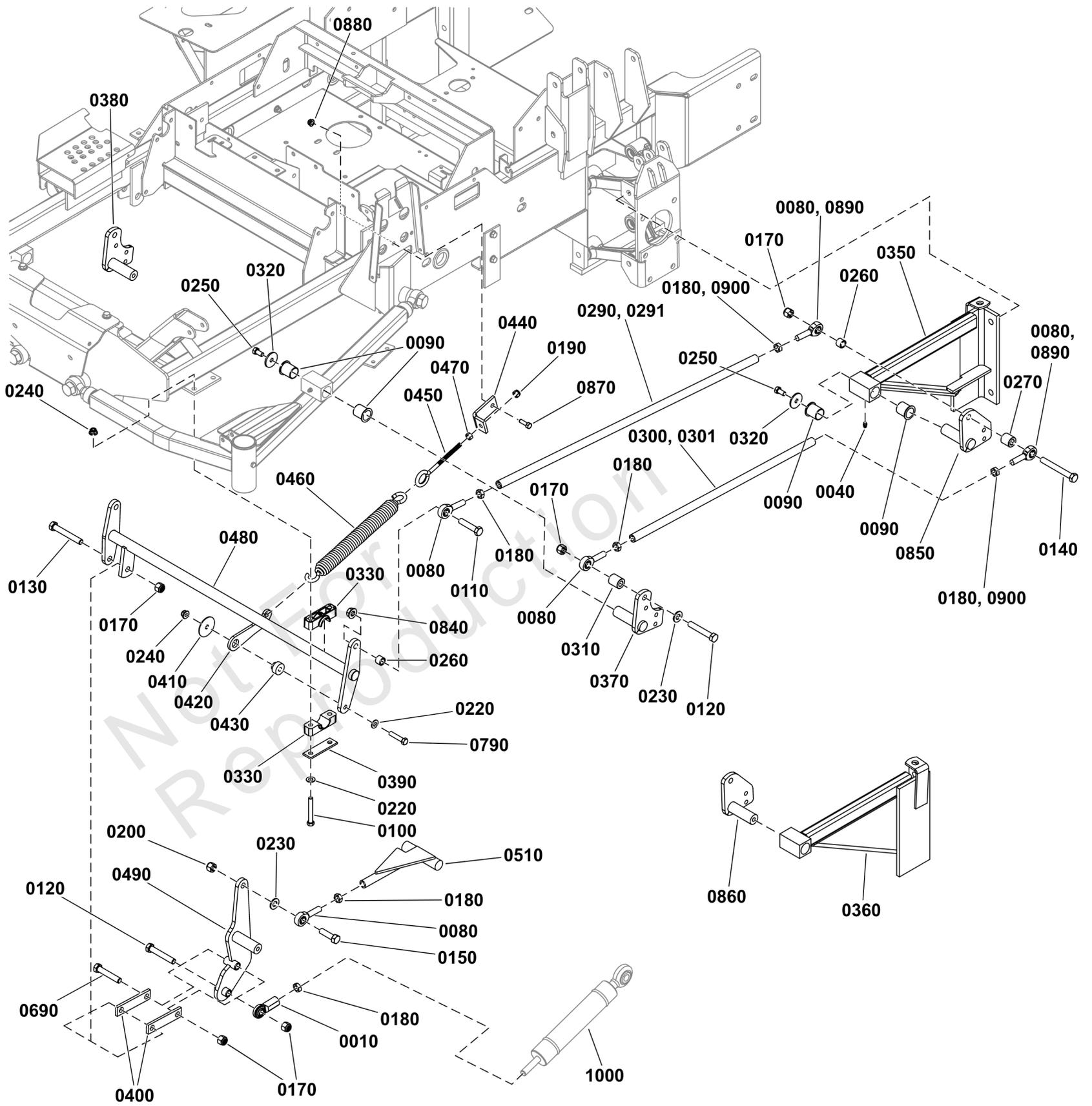
## Deck Lift Group - Shaft, Rod, and Lift Linkage

| REF NO | PART NO    | QTY | DESCRIPTION   |
|--------|------------|-----|---|
| 0010   | 1702779    | 1   | JOINT-BALL .500-20 THD .500ID, CLR ZINC   |
| 0040   | 5020095    | 2   | GREASE FITTING, 1/4-28 Straight   |
| 0080   | 5022434    | 5   | BALL JOINT, 1/2-20, MALE<br>-(Qty: 9 - S/N: 4001978818 & Below)                   |
| 0090   | 5023343    | 10  | BUSHING, 1.00 X 1.13 X 1.38, Plastic  |
| 0100   | 5025013X22 | 4   | BOLT, 3/8-16 X 2-3/4" GD5 CZ  |
| 0110   | 5025017X18 | 2   | BOLT, 1/2-13 X 2-1/4" GD5 CZ  |
| 0120   | 5025017X24 | 3   | BOLT, 1/2-13 X 3" GD5 CZ  |
| 0130   | 5025017X28 | 1   | BOLT, 1/2-13 X 3-1/2, HEX HD, GD5, CZ (SV)  |
| 0140   | 5025017X32 | 2   | BOLT, 1/2-13 X 4" GD5 CZ  |
| 0150   | 5025018X14 | 1   | BOLT, 1/2-20 X 1-3/4" GD8 CZ  |
| 0170   | 5025056    | 7   | NUT, 1/2-13 HEX NYLON LOCK  |
| 0180   | 5025089    | 6   | NUT, 1/2-20 Hex Jam<br>-(Qty: 10 - S/N: 4001978818 & Below)                       |
| 0190   | 5025096    | 1   | NUT, 3/8-16 HEX NYLON LOCK  |
| 0200   | 5025098    | 1   | NUT, Hex, Nylon Lock, 1/2-20  |
| 0220   | 5025156    | 9   | WASHER, 3/8 SAE   |
| 0230   | 5025158    | 3   | WASHER, 1/2 SAE   |
| 0240   | 5025394    | 9   | NUT, 3/8 - 16 HEX NYLOCK FLANGE   |
| 0250   | 5025443    | 5   | BOLT, 3/8-16 X 3/4, PLT W/PATCH   |
| 0260   | 5108165    | 4   | SPACER, TAPPERED .50 ID, ISX800 ARM CZ  |
| 0270   | 5049777    | 2   | SPACER, .52 x 1.00 x 1.00   |
| 0290   | 5061349    | 2   | DECK LIFT ROD - INNER<br>-(S/N: 4001978818 & Below)                               |
| 0291   | 84013020   | 2   | ROD, Lift<br>-(S/N: 4001978819 & Above) (Includes items #0080, 0180, 0900 & 0890) |
| 0300   | 5061350    | 2   | DECK LIFT ROD - OUTER<br>-(S/N: 4001978818 & Below)                               |
| 0301   | 84013021   | 2   | ROD, Lift<br>-(S/N: 4001978819 & Above) (Includes items 0080, 0180, 0900 & 0890)  |
| 0310   | 5061781    | 2   | SPACER, .52 X 1.00 X 1.15   |
| 0320   | 5100548    | 5   | WASHER, .390 X 1.50 X .109, YZ  |
| 0330   | 5100634    | 4   | PIVOT BLOCK, PLASTIC  |
| 0350   | 5419991B   | 1   | WELD, REAR DECK LIFT, LH - RED  |
| 0360   | 5419990B   | 1   | WELD, REAR DECK LIFT, RH - RED  |
| 0370   | 5413901B   | 1   | WELD, DECK LIFT, LEVER, LH - RED  |
| 0380   | 5413902B   | 1   | WELD, DECK LIFT, LEVER, RH - RED  |
| 0390   | 5403925AA  | 2   | PLATE, PIVOT BLOCK SUPPORT - BLK  |
| 0400   | 5409075B   | 2   | LINK, DECK LIFT, IS5100Z  |
| 0410   | 5025326    | 1   | WASHER, .39 X 2.00 X X .14  |
| 0420   | 5061224B   | 1   | LINK, SPRING  |
| 0430   | 5061227    | 1   | BUSHING, DECK PIVOT   |
| 0440   | 5421755AA  | 1   | ANCHOR, EYEBOLT, 6200   |
| 0450   | 5021812    | 1   | EYE BOLT, 3/8-16 X 6, 3THRD, 1EYE, CZ   |
| 0460   | 5023392    | 1   | SPRING-EXT, 1.393 ODX13.25LGX.218WR, BLK  |
| 0470   | 5025034    | 1   | NUT, 3/8-16 HEX, YZ   |
| 0480   | 5410412B   | 1   | WELD DECK LIFT SHAFT IS5100 - RED   |
| 0490   | 5410414B   | 1   | WELD LIFT ASSIST IS5100Z - RED  |
| 0510   | 5421584B   | 1   | WELD, DECK HEIGHT LINK, 6200 - BLACK  |
| 0690   | 5025017X22 | 1   | BOLT, 1/2-13 X 2-3/4 GD5 CZ   |
| 0790   | 5025013X14 | 1   | BOLT, 3/8-16 X 1-3/4" GD5 CZ  |
| 0840   | 5025396    | 2   | NUT, Hex Flange, Nylock, 1/2-13   |
| 0850   | 5421454B   | 1   | WELD DECK LIFT LEVER, LH - RED  |

# Deck Lift Group - Shaft, Rod, and Lift Linkage

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Deck Lift Group - Shaft, Rod, and Lift Linkage

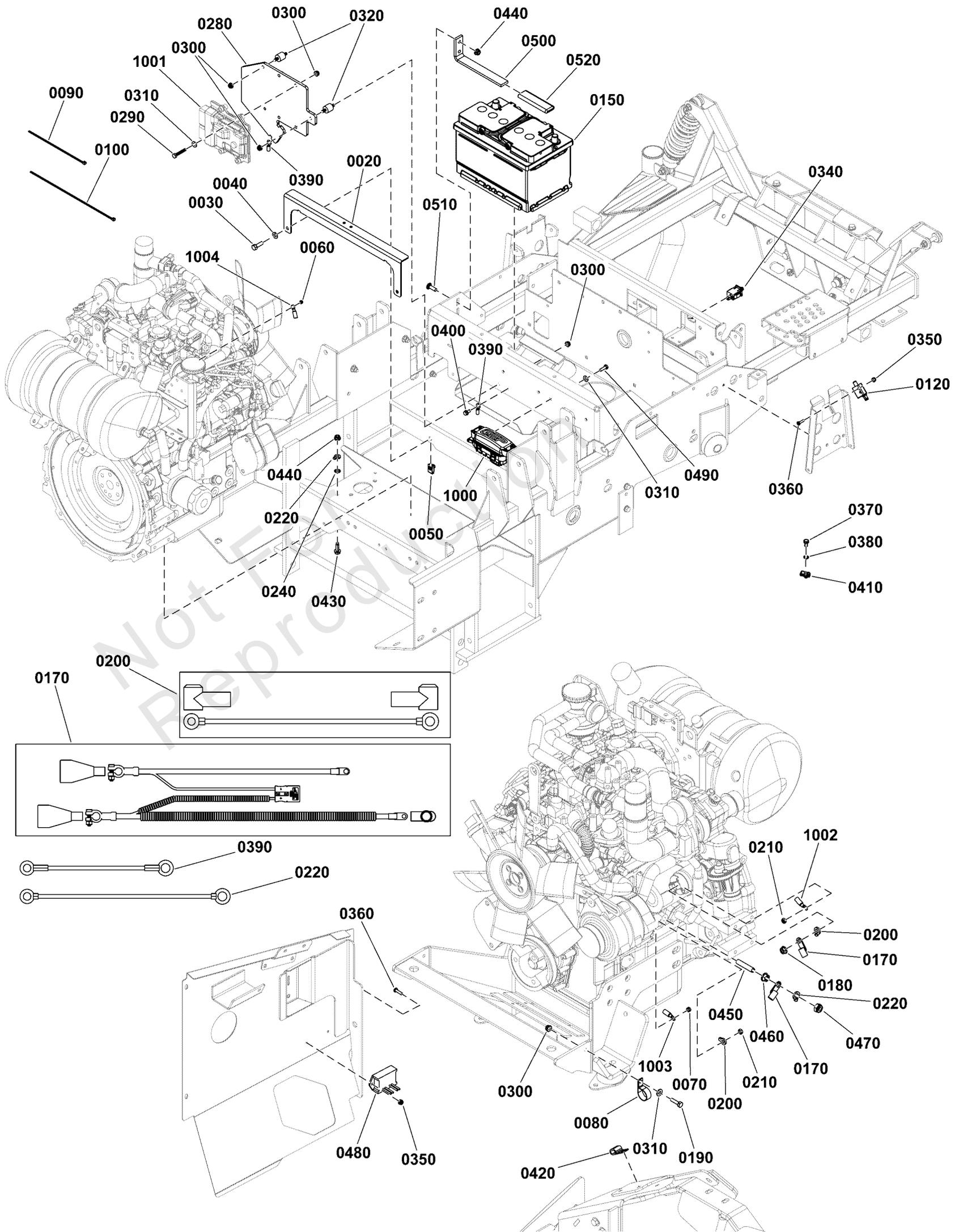
| REF NO | PART NO   | QTY | DESCRIPTION   |
|--------|-----------|-----|---|
| 0860   | 5421455B  | 1   | WELD DECK LIFT LEVER, RH - RED                            |
| 0870   | 5025011X8 | 1   | BOLT, 5/16-18 X 1" GRD5 YZ                                |
| 0880   | 5025392   | 1   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT                        |
| 0890   | 5109942   | 4   | BALL JOINT, 1/2-20 LH, MALE<br>-(S/N: 4001978819 & Above) |
| 0900   | 5025696   | 4   | NUT, 1/2-20 LH HEX JAM<br>-(S/N: 4001978819 & Above)      |
| 1000   | -----     | 1   | Refer to: Hydraulic Group                                 |

Not For Reproduction

# Electrical Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



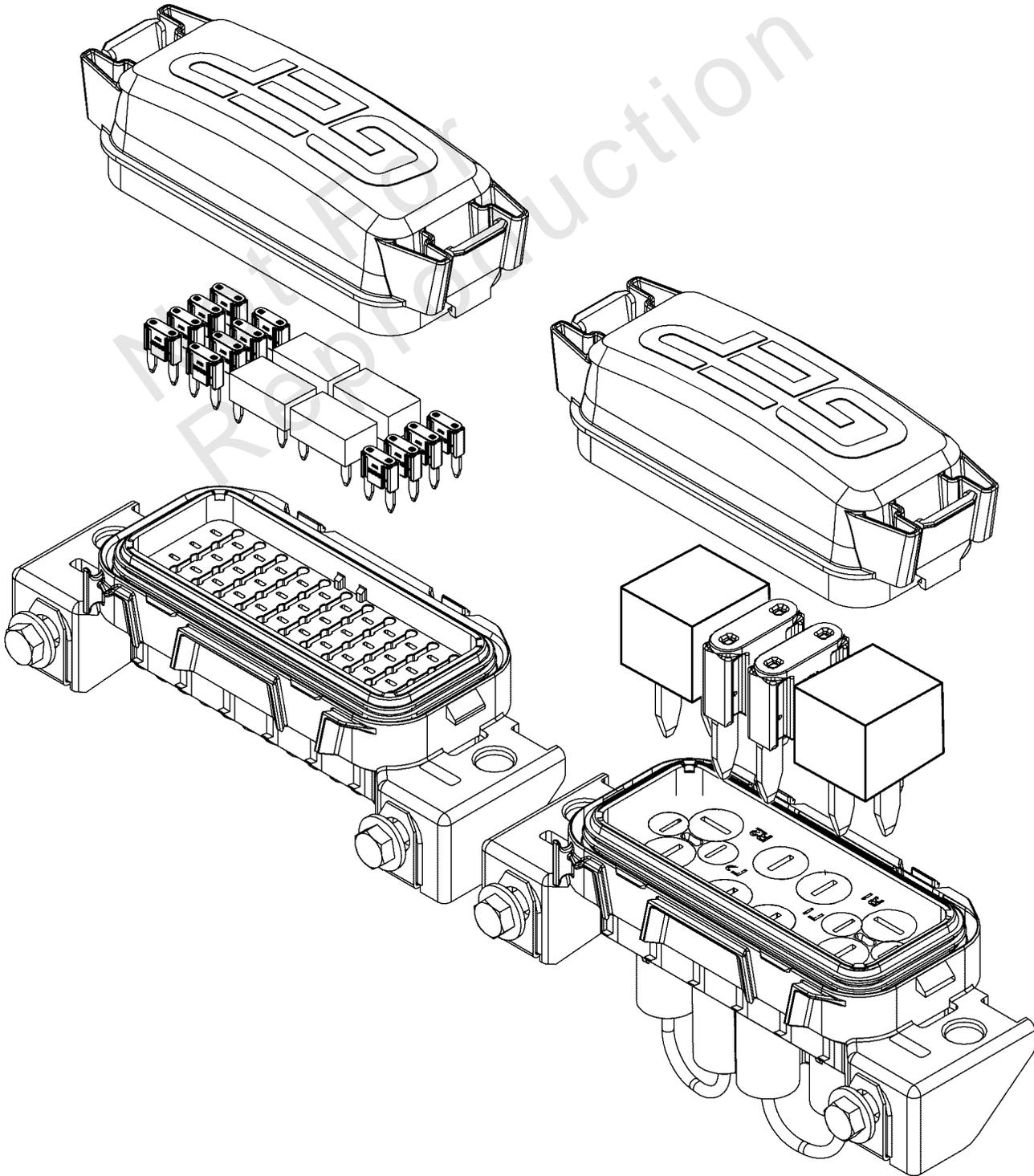
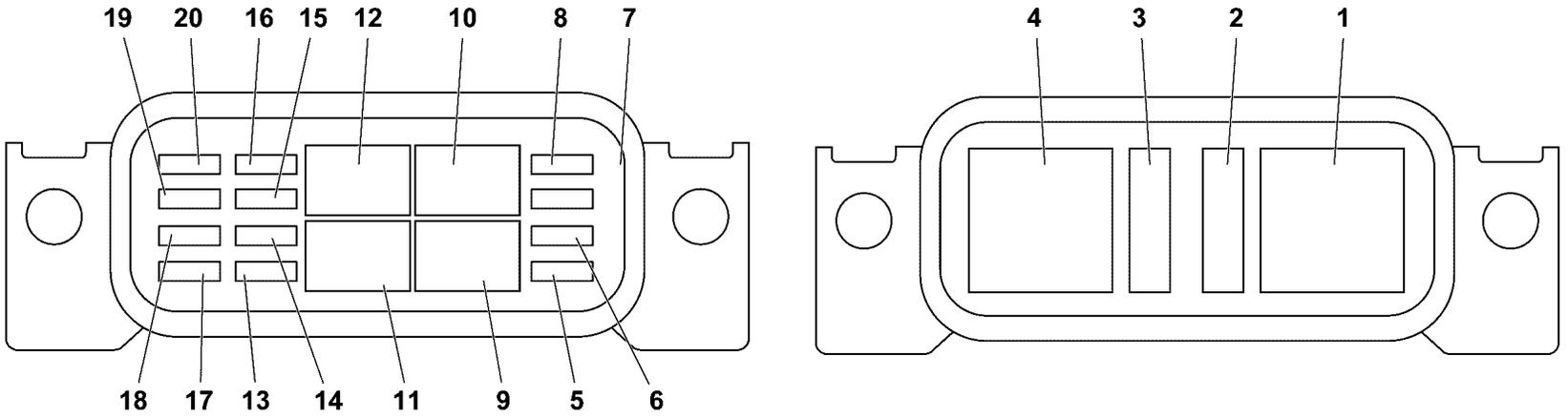
## Electrical Group

| REF NO | PART NO    | QTY | DESCRIPTION                                  |
|--------|------------|-----|--|
| 0020   | 5420913AA  | 1   | PLATE, HARNESS SUPPORT, IS6200 - BLK         |
| 0030   | 5025011X8  | 2   | BOLT, 5/16-18 X 1" GRD5 YZ                   |
| 0040   | 5025155    | 2   | WASHER, 5/16" SAE                            |
| 0050   | 5022308    | 2   | BODY CLIP, 5/16-18-7GA MATERIAL              |
| 0060   | 5025685    | 1   | NUT, M4, KEPS                                |
| 0070   | 5025686    | 1   | NUT, M5 KEPS                                 |
| 0080   | 5021500    | 2   | CLAMP, VINYL INSULATED, 1.00                 |
| 0090   | 5100581    | 9   | TIE, SELF-LOCKING, 8"                        |
| 0100   | 5021029    | 12  | TIE, SELF-LOCKING, 12"                       |
| 0120   | 5021451    | 2   | SWITCH, PLUNGER, N.O., BOLT-ON               |
| 0150   | ----       | 1   | BATTERY, 700 AMP, BCI GROUP: 91              |
| 0170   | 5109281    | 1   | HARNESS, BATTERY CABLES, 6200                |
| 0180   | 5025355    | 1   | NUT, M8-1.25 Hex Serrated Flange             |
| 0190   | 5025010X8  | 2   | BOLT, 1/4-20 X 1" GD5 CZ                     |
| 0200   | 5048756    | 1   | CABLE, #6 X 15" LONG, RING TERMINAL          |
| 0210   | 5025420    | 2   | NUT, M6-1.0                                  |
| 0220   | 5047690    | 1   | BATTERY CABLE, NEG, 14, 5/16-13/32           |
| 0240   | 5025188    | 1   | WASHER, 5/16" Internal Tooth Lock            |
| 0280   | 5420757    | 1   | PLATE, ECU ISO MOUNT, IS6200                 |
| 0290   | 5025010X12 | 4   | BOLT, 1/4-20 X 1-1/2 GD5 CZ                  |
| 0300   | 5025391    | 9   | NUT, 1/4-20 Hex Nylock Flange                |
| 0310   | 5025154    | 10  | WASHER, 1/4 SAE                              |
| 0320   | 5109404    | 3   | ISO MOUNT, 1/4-20 STUDS, 40 LBS              |
| 0340   | 5109174    | 1   | SWITCH, PLUNGER, NO, BLACK, DELTA            |
| 0350   | 5025271    | 6   | NUT, Hex, Nylon Lock, #10-24                 |
| 0360   | 5025179X6  | 6   | SCREW, #10-24 X 3/4" ROUND PHILLIPS          |
| 0370   | 5025010X4  | 3   | BOLT, 1/4-20 x 1/2                           |
| 0380   | 5025169    | 5   | WASHER, 1/4 LOCK                             |
| 0390   | 5421304    | 1   | WIRE ASM, GROUND, ECU                        |
| 0400   | ----       | 1   | SCREW, 1/4-20 x 1/2" Hex Washer Self-Tap, BZ |
| 0410   | 80004610   | 4   | NUT - SPEED, 1/4-20, LUG TYPE .025/.150      |
| 0420   | 5025430    | 1   | CLAMP, 5/16", DOUBLE, WIRE & TUBE            |
| 0430   | 80006216   | 1   | SCREW, 5/16-18X1.000, HEX WSHR HD, TT, ZC/CL |
| 0440   | 5025392    | 3   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT           |
| 0450   | 5025598    | 1   | SOCKET SET SCREW, M10-1.5 X 50, SS, CAP PT   |
| 0460   | 5025599    | 1   | HEX NUT, FLG, M10-1.5 SER CZ, NO SEALER      |
| 0470   | 5025428    | 1   | HEX NUT, M10-1.5 NYLON INSERT                |
| 0480   | 5109529    | 1   | SOFT START, IS6200                           |
| 0490   | 5025235    | 4   | BOLT M6 X 20MM GD8.8                         |
| 0500   | 5421654B   | 1   | BRACKET, BATTERY STRAP, 6200 - RED           |
| 0510   | 5025145X8  | 2   | BOLT, 5/16-18 X 1, CARRIAGE, GD5, CZ         |
| 0520   | 5025510    | 1   | GRIP, FOAM, 1/4 X 1 X 4.1                    |
| 1000   | ----       | 2   | Fuse Blocks                                  |
| 1001   | ----       | 1   | ECM  |
| 1002   | ----       | 0   | Connects to Starter Solenoid (Post)          |
| 1003   | ----       | 0   | Connects to Alternator                       |
| 1004   | ----       | 0   | Connects to Glow Plugs                       |

# Electrical Group - Fuses and Relays

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



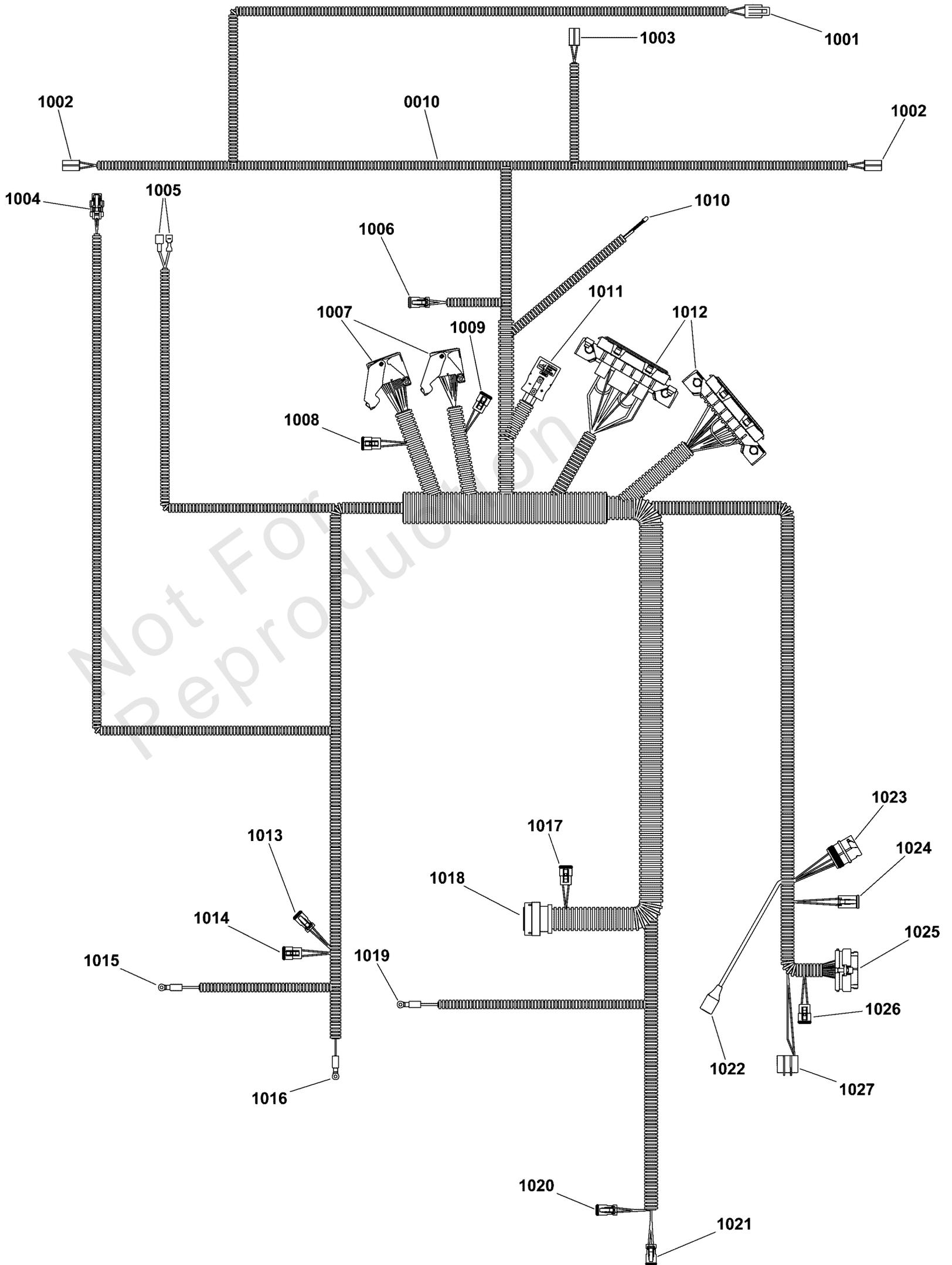
## Electrical Group - Fuses and Relays

| REF NO | PART NO  | QTY | DESCRIPTION  |
|--------|----------|-----|--|
| 1      | 5108980  | 1   | RELAY,MAXI N/O DIODE PC795-1A-C-12C-DN-X<br>-Function: Start                       |
| 2      | 5108981  | 1   | FUSE, MAXI 20 AMP 0299020<br>-Function: Start                                      |
| 3      | 5108982  | 1   | FUSE, 25 AMP<br>-Function: Glow Plugs  |
| 4      | 5108980  | 1   | RELAY,MAXI N/O DIODE PC795-1A-C-12C-DN-X<br>-Function: Glow Plugs                  |
| 5      | 5108965  | 1   | FUSE, MINI 5 AMP 0297005<br>-Function: Spare                                       |
| 6      | -----    | 1   | FUSE, MINI 10 AMP 0297010<br>-Function: Spare                                      |
| 7      | 5108967  | 1   | FUSE, MINI 20 AMP 0297020<br>-Function: Spare                                      |
| 8      | 5108965  | 1   | FUSE, MINI 5 AMP 0297005<br>-Function: Fuel Pump Relay Coil                        |
| 9      | 84008404 | 1   | RELAY<br>-Function: Engine   |
| 10     | 84008404 | 1   | RELAY<br>-Function: Spare  |
| 11     | 84008404 | 1   | RELAY<br>-Function: PTO  |
| 12     | 84008404 | 1   | RELAY<br>-Function: Fuel Pump  |
| 13     | 5108967  | 1   | FUSE, MINI 20 AMP 0297020<br>-Function: PTO  |
| 14     | 5108967  | 1   | FUSE, MINI 20 AMP 0297020<br>-Function: 12 Volt Outlet (S/N: 4002317666 and below) |
| 14     | 5108965  | 1   | FUSE, MINI 5 AMP 0297005<br>-Function: USB Port (S/N: 4002317667 and above)        |
| 15     | 5108968  | 1   | FUSE, MINI 30 AMP 0297030<br>-Function: Engine                                     |
| 16     | 5108965  | 1   | FUSE, MINI 5 AMP 0297005<br>-Function: Cat Tool                                    |
| 17     | 5108964  | 1   | FUSE, MINI 2 AMP 0297002<br>-Function: Display                                     |
| 18     | 5108965  | 1   | FUSE, MINI 5 AMP 0297005<br>-Function: Key   |
| 19     | 5108965  | 1   | FUSE, MINI 5 AMP 0297005<br>-Function: Disconnect Lamp                             |
| 20     | -----    | 1   | FUSE, MINI 10 AMP 0297010<br>-Function: Fuel Pump                                  |

# Electrical Group - Wiring Harness

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Electrical Group - Wiring Harness

| REF NO | PART NO | QTY | DESCRIPTION  |
|--------|---------|-----|--|
| 0010   | 5109010 | 1   | HARNES, 6200 WIRING, CAT C 1.7T<br>-(S/N: 4001933020 and below)  |
| 0010   | 5109748 | 1   | HARNES, 6200CE WIRING, CAT C1.7T<br>-(S/N: 4001933021 and above) |
| 1001   | -----   | 1   | Connects to Seat Switch  |
| 1002   | -----   | 1   | Connects to Neutral Switch                                       |
| 1003   | -----   | 1   | Connects to Parking Brake Switch                                 |
| 1004   | -----   | 1   | Connects to Air Inlet Temperature Sensor                         |
| 1005   | -----   | 1   | Connects to 12 V Power   |
| 1006   | -----   | 1   | Connects to Fuel Pump  |
| 1007   | -----   | 1   | Connects to ECM  |
| 1008   | -----   | 1   | Connects to Resistor (Can Termination)                           |
| 1009   | -----   | 1   | Connects to Resistor (Can Termination)                           |
| 1010   | -----   | 1   | Wait to Start Lamp   |
| 1011   | -----   | 1   | Connects to Battery Cables                                       |
| 1012   | -----   | 1   | Fuse Blocks  |
| 1013   | -----   | 1   | Connects to Diode  |
| 1014   | -----   | 1   | Connects to Resistor (Alternator) 3 Pin                          |
| 1015   | -----   | 1   | Connects to Starter Solenoid (Post)                              |
| 1016   | -----   | 1   | Connects to Alternator   |
| 1017   | -----   | 1   | Connects to Resistor (Can Termination)                           |
| 1018   | -----   | 1   | Connects to Engine Interface                                     |
| 1019   | -----   | 1   | Connects to Glow Plugs   |
| 1020   | -----   | 1   | Connects to Diode  |
| 1021   | -----   | 1   | Connects to PTO Clutch   |
| 1022   | -----   | 1   | Connects to USB  |
| 1023   | -----   | 1   | Connects to Engine Manufacturer Diagnostic Tool                  |
| 1024   | -----   | 1   | Connects to Ignition Switch                                      |
| 1025   | -----   | 1   | Connects to Digital Display Panel                                |
| 1026   | -----   | 1   | Connects to Resistor (Can Termination)                           |
| 1027   | -----   | 1   | Connects to PTO Switch   |

# Electrical Schematic - Charging Circuit S/N: 4001933020 and Below

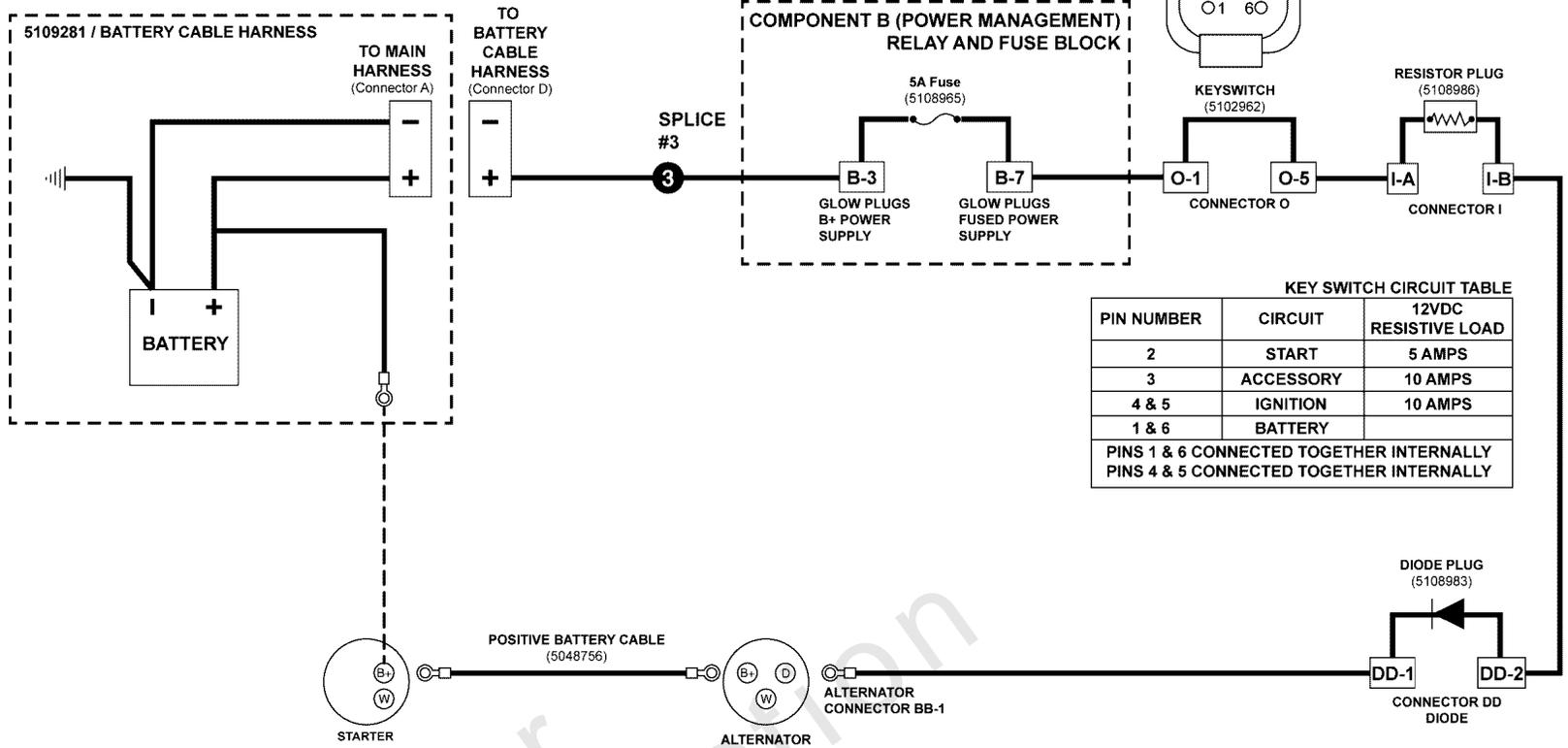
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109010 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109010A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



Not For Reproduction

## **Electrical Schematic - Charging Circuit S/N: 4001933020 and Below**

| <b>REF NO</b> | <b>PART NO</b> | <b>QTY</b> | <b>DESCRIPTION</b>                        |
|---------------|----------------|------------|---|
| 5109010       | 5109010        | 1          | HARNESS, 6200 WIRING, CAT C 1.7T          |
| 5109281       | 5109281        | 1          | HARNESS, BATTERY CABLES, 6200             |
| 5108965       | 5108965        | 1          | FUSE, MINI 5 AMP 0297005                  |
| 5102962       | 5102962        | 1          | IGNITION SWITCH, SEALED, 3 POS            |
| 5048756       | 5048756        | 1          | CABLE, #6 X 15" LONG, RING TERMINAL       |
| 5108986       | 5108986        | 1          | RECEPTACLE, DEUTSCH RESISTOR DT04-3P-EP10 |
| 5108983       | 84008684       | 1          | RECEPTACLE, DEUTSCH DIODE DT04-2P-RT01    |

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# Electrical Schematic - Charging Circuit S/N: 4001933021 and Above

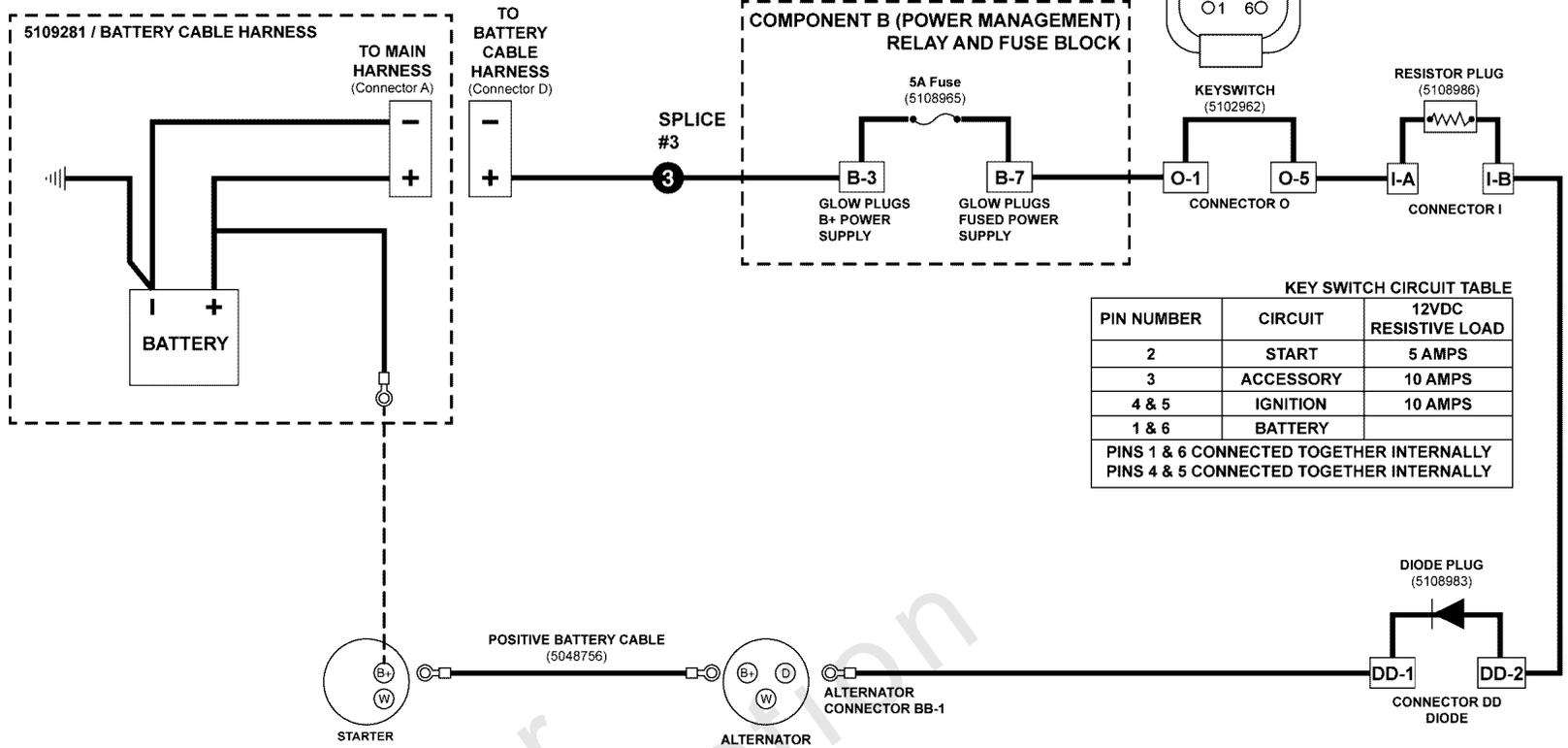
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109748 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)

5109748A



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## Electrical Schematic - Charging Circuit S/N: 4001933021 and Above

| REF NO  | PART NO  | QTY | DESCRIPTION                               |
|---------|----------|-----|---|
| 5109748 | 5109748  | 1   | HARNESS, 6200CE WIRING, CAT C1.7T         |
| 5109281 | 5109281  | 1   | HARNESS, BATTERY CABLES, 6200             |
| 5108965 | 5108965  | 1   | FUSE, MINI 5 AMP 0297005                  |
| 5102962 | 5102962  | 1   | IGNITION SWITCH, SEALED, 3 POS            |
| 5048756 | 5048756  | 1   | CABLE, #6 X 15" LONG, RING TERMINAL       |
| 5108986 | 5108986  | 1   | RECEPTACLE, DEUTSCH RESISTOR DT04-3P-EP10 |
| 5108983 | 84008684 | 1   | RECEPTACLE, DEUTSCH DIODE DT04-2P-RT01    |

Not For Reproduction

# Electrical Schematic - Cranking Circuit S/N: 4001933020 and Below

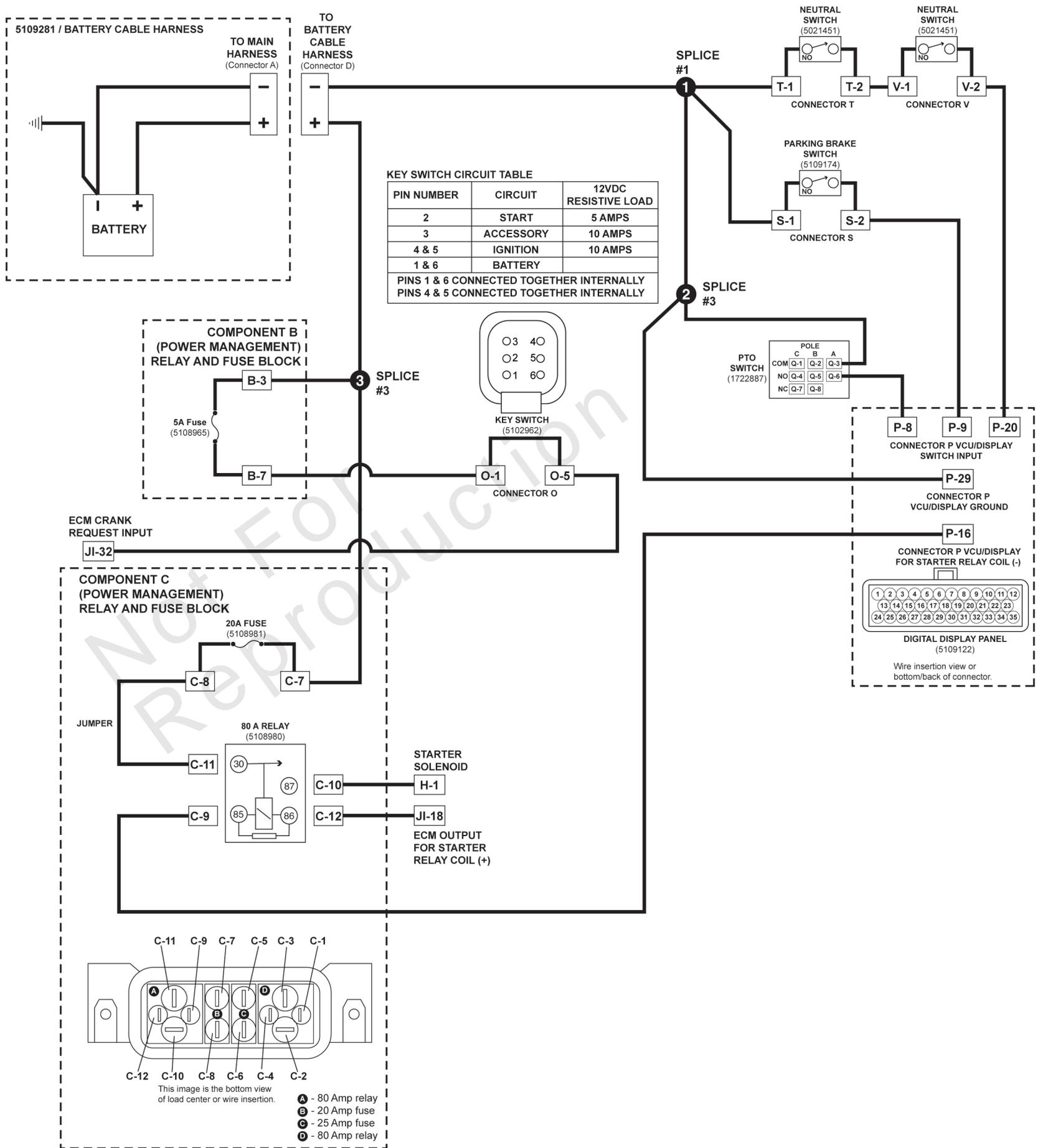
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109010 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109010A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



## Electrical Schematic - Cranking Circuit S/N: 4001933020 and Below

| REF NO  | PART NO | QTY | DESCRIPTION                              |
|---------|---------|-----|--|
| 5109010 | 5109010 | 1   | HARNESS, 6200 WIRING, CAT C 1.7T         |
| 5109281 | 5109281 | 1   | HARNESS, BATTERY CABLES, 6200            |
| 5021451 | 5021451 | 2   | SWITCH, PLUNGER, N.O., BOLT-ON           |
| 5109174 | 5109174 | 1   | SWITCH, PLUNGER, NO, BLACK, DELTA        |
| 1722887 | 1722887 | 1   | SWITCH-PTO PUSH                          |
| 5109122 | 5109122 | 1   | CAN DISPLAY, IS6200                      |
| 5102962 | 5102962 | 1   | IGNITION SWITCH, SEALED, 3 POS           |
| 5108965 | 5108965 | 1   | FUSE, MINI 5 AMP 0297005                 |
| 5108981 | 5108981 | 1   | FUSE, MAXI 20 AMP 0299020                |
| 5108980 | 5108980 | 1   | RELAY,MAXI N/O DIODE PC795-1A-C-12C-DN-X |

Not For Reproduction

# Electrical Schematic - Cranking Circuit S/N: 4001933021 and Above

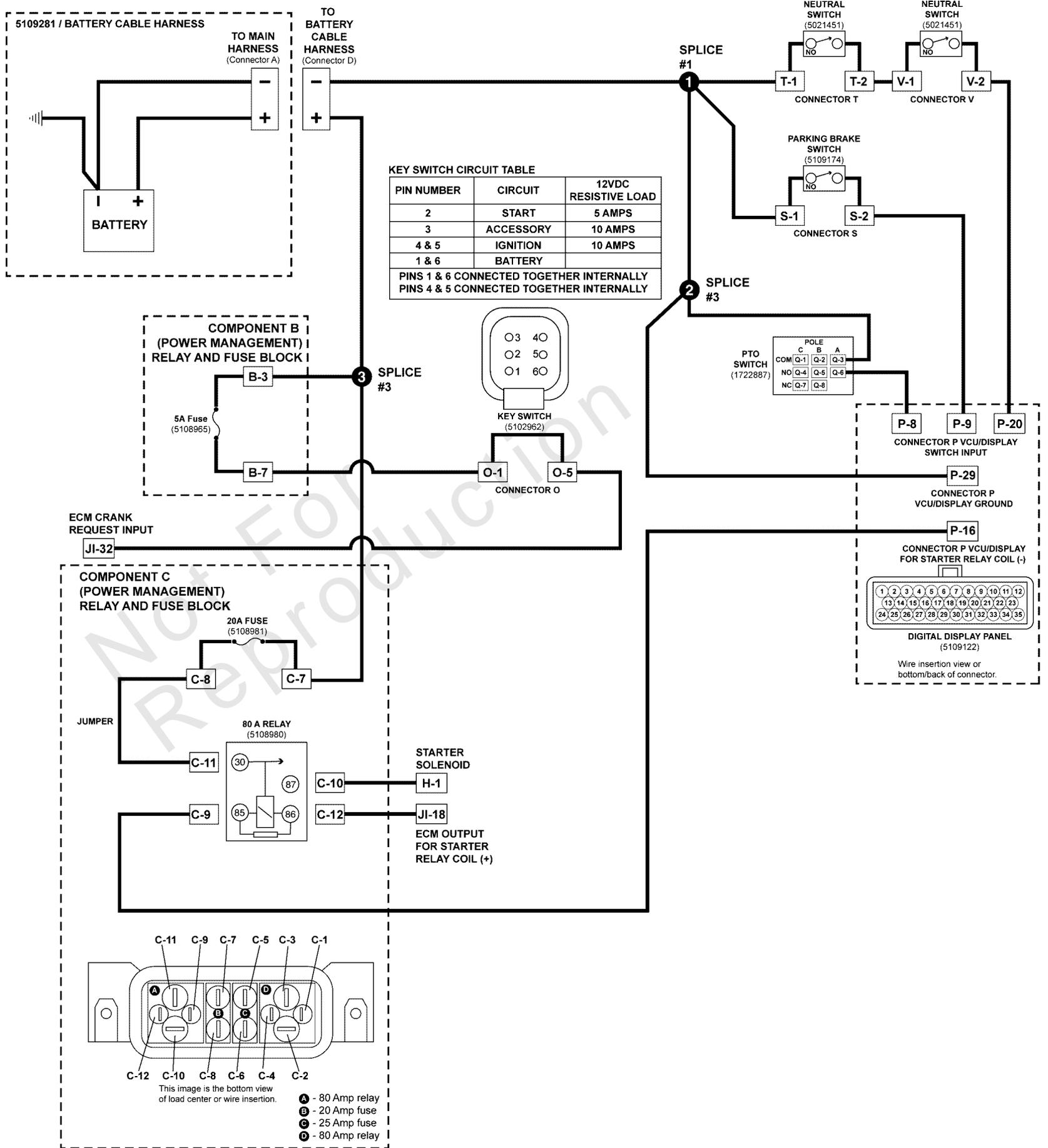
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109748 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109748A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



## Electrical Schematic - Cranking Circuit S/N: 4001933021 and Above

| REF NO  | PART NO | QTY | DESCRIPTION                              |
|---------|---------|-----|--|
| 5109748 | 5109748 | 1   | HARNESS, 6200CE WIRING, CAT C1.7T        |
| 5109281 | 5109281 | 1   | HARNESS, BATTERY CABLES, 6200            |
| 5021451 | 5021451 | 2   | SWITCH, PLUNGER, N.O., BOLT-ON           |
| 5109174 | 5109174 | 1   | SWITCH, PLUNGER, NO, BLACK, DELTA        |
| 1722887 | 1722887 | 1   | SWITCH-PTO PUSH                          |
| 5109122 | 5109122 | 1   | CAN DISPLAY, IS6200                      |
| 5102962 | 5102962 | 1   | IGNITION SWITCH, SEALED, 3 POS           |
| 5108965 | 5108965 | 1   | FUSE, MINI 5 AMP 0297005                 |
| 5108981 | 5108981 | 1   | FUSE, MAXI 20 AMP 0299020                |
| 5108980 | 5108980 | 1   | RELAY,MAXI N/O DIODE PC795-1A-C-12C-DN-X |

Not For Reproduction

# Electrical Schematic - ECM Power and Fuel Pump Circuit S/N: 4001933020 and Below

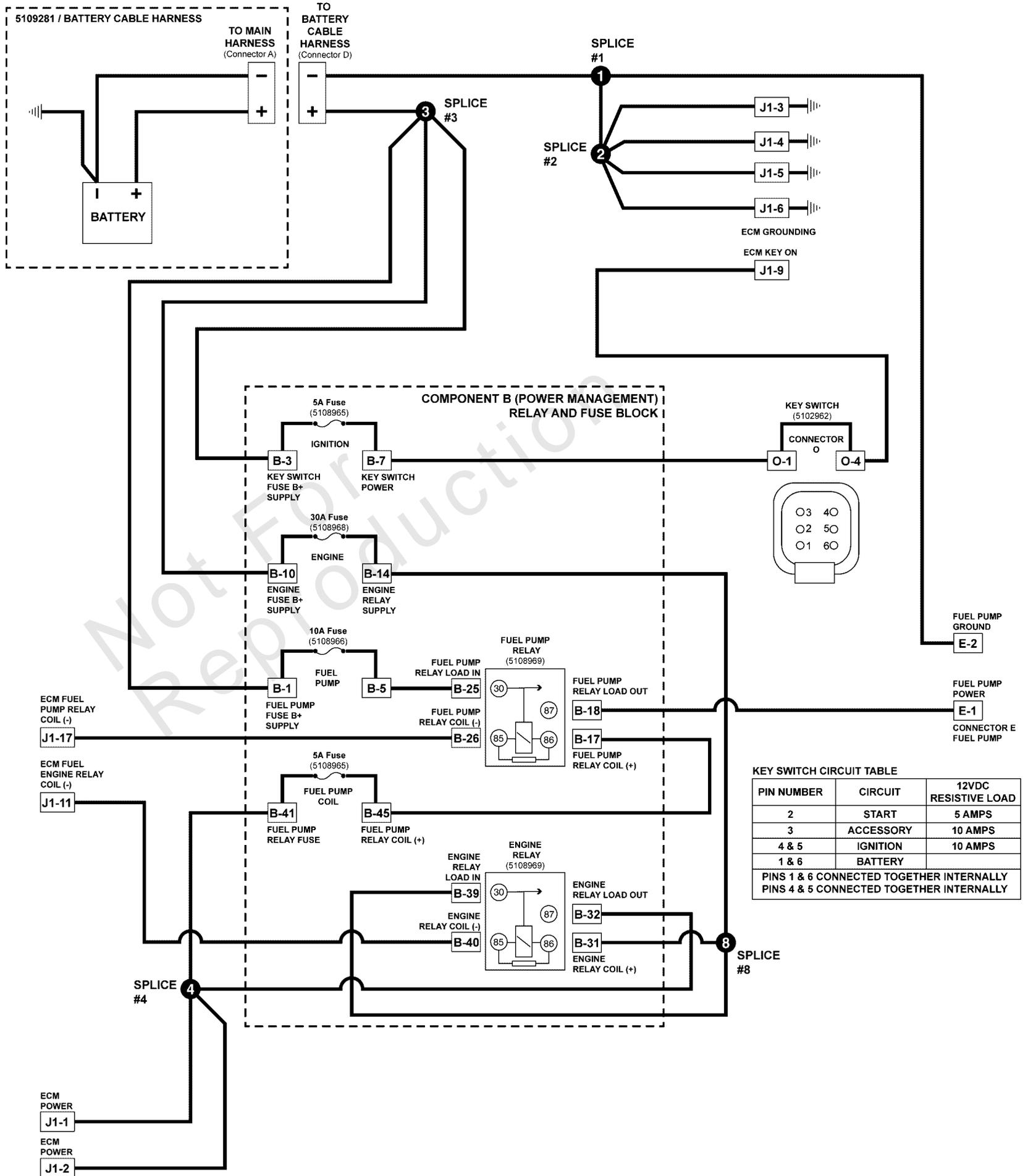
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109010 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109010A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



**Electrical Schematic - ECM Power and Fuel Pump Circuit S/N: 4001933020 and Below**

| REF NO  | PART NO  | QTY | DESCRIPTION                      |
|---------|----------|-----|----------------------------------|
| 5109010 | 5109010  | 1   | HARNESS, 6200 WIRING, CAT C 1.7T |
| 5109281 | 5109281  | 1   | HARNESS, BATTERY CABLES, 6200    |
| 5102962 | 5102962  | 1   | IGNITION SWITCH, SEALED, 3 POS   |
| 5108965 | 5108965  | 1   | FUSE, MINI 5 AMP 0297005         |
| 5108968 | 5108968  | 1   | FUSE, MINI 30 AMP 0297030        |
| 5108966 | -----    | 1   | FUSE, MINI 10 AMP 0297010        |
| 5108965 | 5108965  | 1   | FUSE, MINI 5 AMP 0297005         |
| 5108969 | 84008404 | 1   | RELAY                            |

Not For Reproduction

# Electrical Schematic - ECM Power and Fuel Pump Circuit S/N: 4001933021 and Above

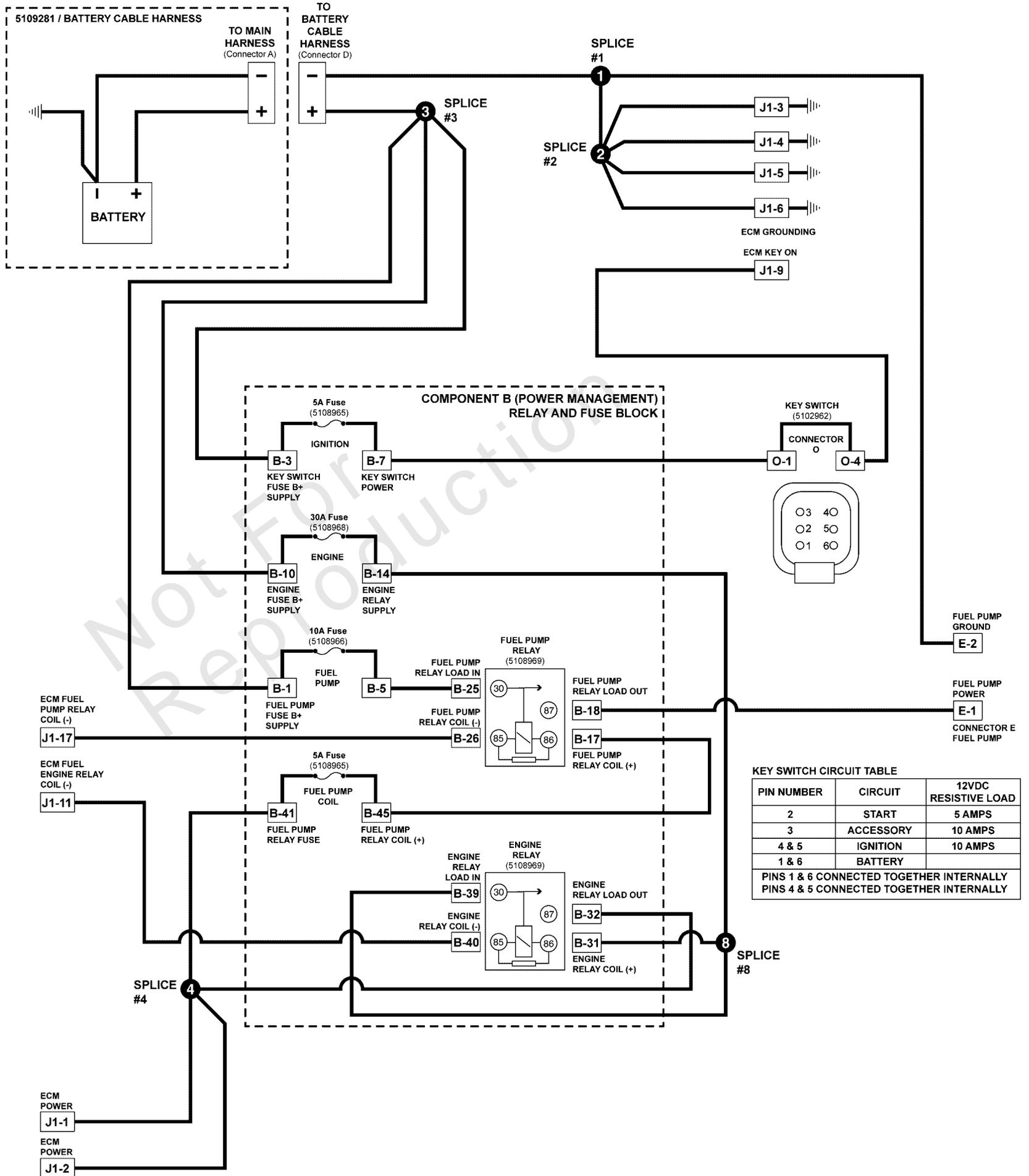
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109748 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109748A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



**Electrical Schematic - ECM Power and Fuel Pump Circuit S/N: 4001933021 and Above**

| REF NO  | PART NO  | QTY | DESCRIPTION                       |
|---------|----------|-----|-----------------------------------|
| 5109748 | 5109748  | 1   | HARNESS, 6200CE WIRING, CAT C1.7T |
| 5109281 | 5109281  | 1   | HARNESS, BATTERY CABLES, 6200     |
| 5102962 | 5102962  | 1   | IGNITION SWITCH, SEALED, 3 POS    |
| 5108965 | 5108965  | 1   | FUSE, MINI 5 AMP 0297005          |
| 5108968 | 5108968  | 1   | FUSE, MINI 30 AMP 0297030         |
| 5108966 | -----    | 1   | FUSE, MINI 10 AMP 0297010         |
| 5108965 | 5108965  | 1   | FUSE, MINI 5 AMP 0297005          |
| 5108969 | 84008404 | 1   | RELAY                             |

Not For Reproduction

# Electrical Schematic - Electronic Throttle Circuit S/N: 4001933021 & Above

Note: Unless noted otherwise, use the standard torque specifications

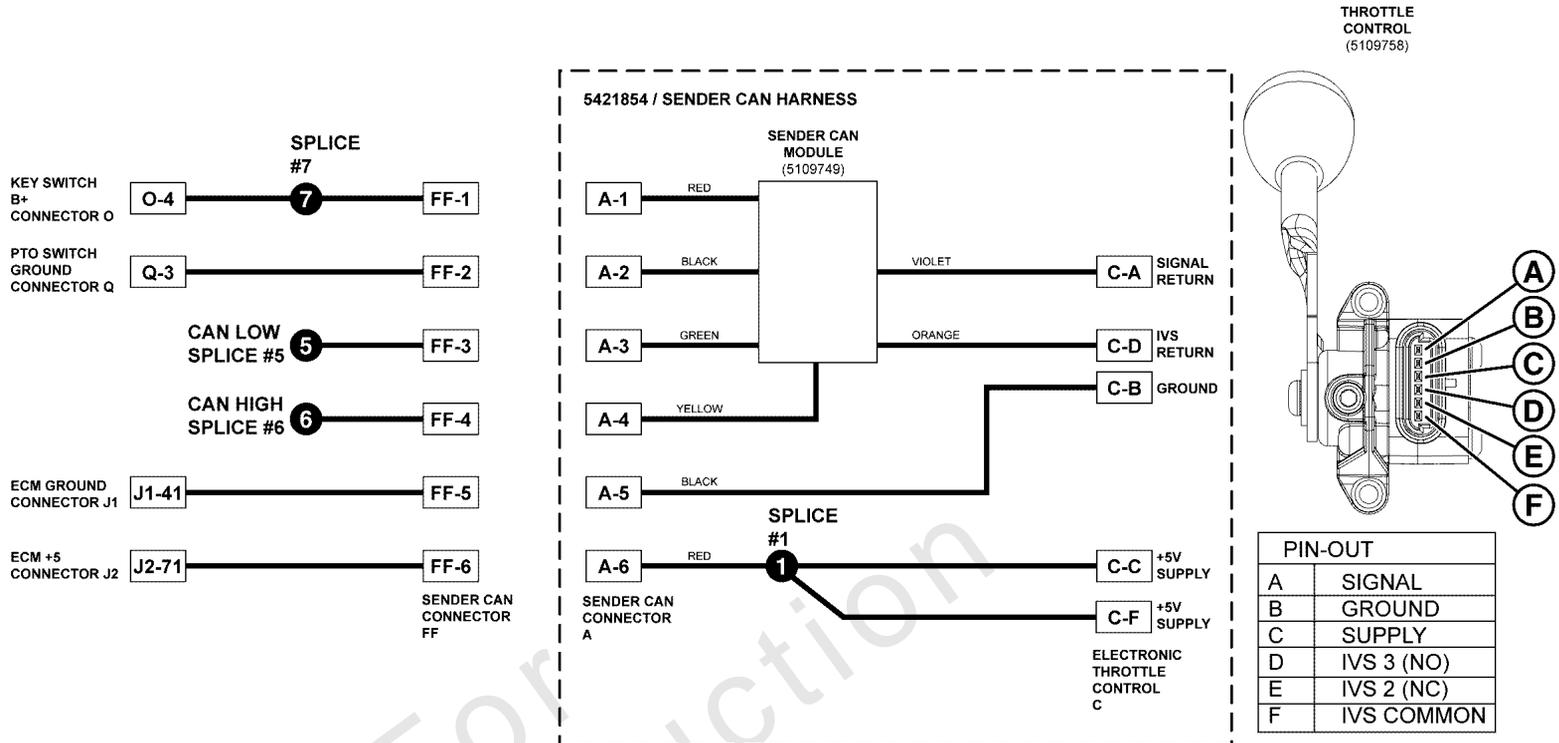
Mfg. No: 5902162

## 5109748 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109748A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)

**IMPORTANT:** Confirm ECM Power is functioning properly before troubleshooting throttle.



Not For Reproduction

**Electrical Schematic - Electronic Throttle Circuit S/N: 4001933021 & Above**

| REF NO  | PART NO | QTY | DESCRIPTION                       |
|---------|---------|-----|-----------------------------------|
| 5109748 | 5109748 | 1   | HARNESS, 6200CE WIRING, CAT C1.7T |
| 5421854 | 5421854 | 1   | HARNESS, SENDERCAN, 6200CE        |
| 5109758 | 5109758 | 1   | ELECTRONIC THROTTLE, WITH IVS, 5V |
| 5109749 | 5109749 | 1   | SENDER CAN MODULE                 |

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# Electrical Schematic - Glow Plug Circuit S/N: 4001933020 and Below

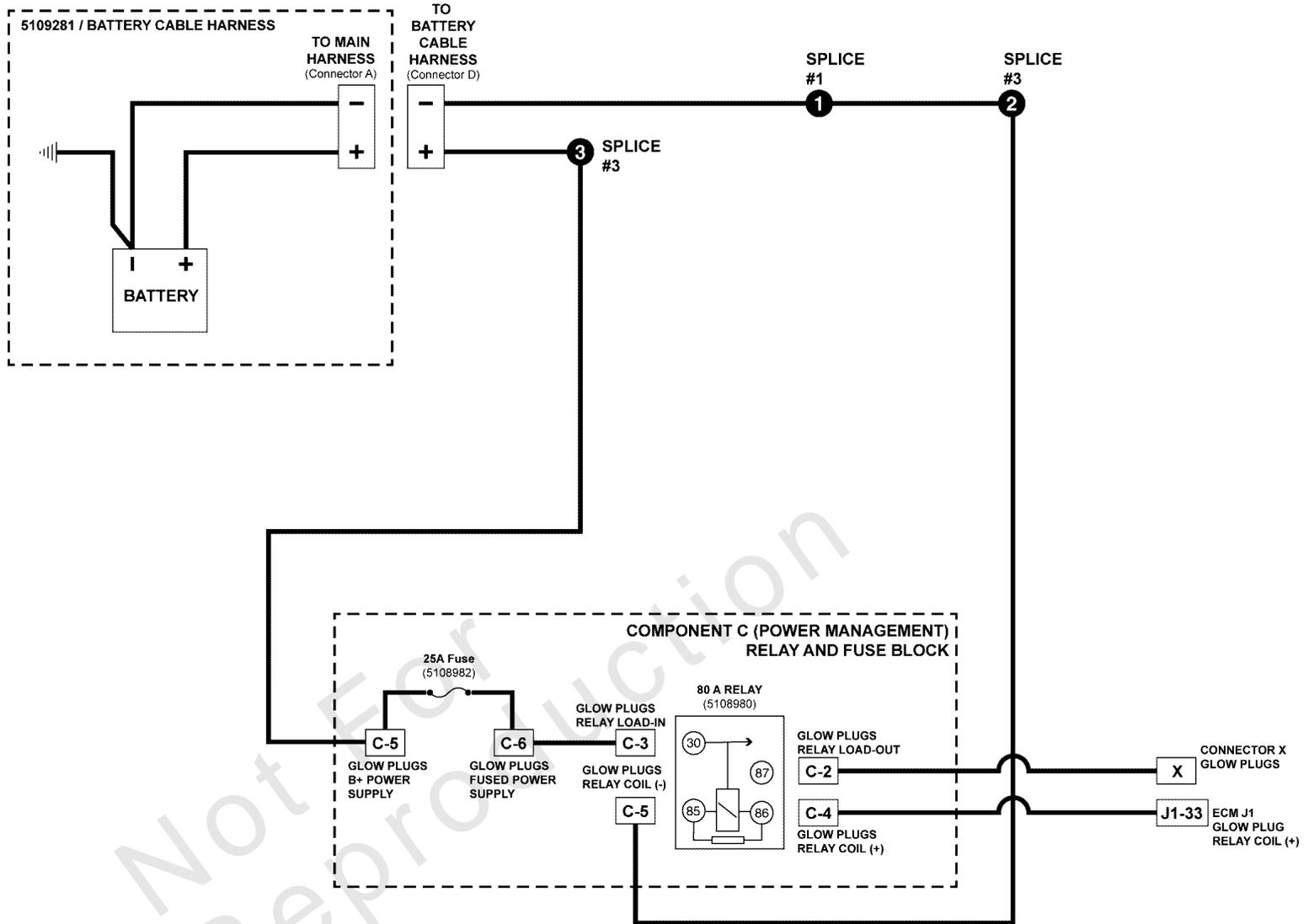
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109010 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109010A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



**Electrical Schematic - Glow Plug Circuit S/N: 4001933020 and Below**

| REF NO  | PART NO | QTY | DESCRIPTION                              |
|---------|---------|-----|--|
| 5109010 | 5109010 | 1   | HARNESS, 6200 WIRING, CAT C 1.7T         |
| 5109281 | 5109281 | 1   | HARNESS, BATTERY CABLES, 6200            |
| 5108980 | 5108980 | 1   | RELAY,MAXI N/O DIODE PC795-1A-C-12C-DN-X |
| 5108982 | 5108982 | 1   | FUSE, 25 AMP                             |

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# Electrical Schematic - Glow Plug Circuit S/N: 4001933021 and Above

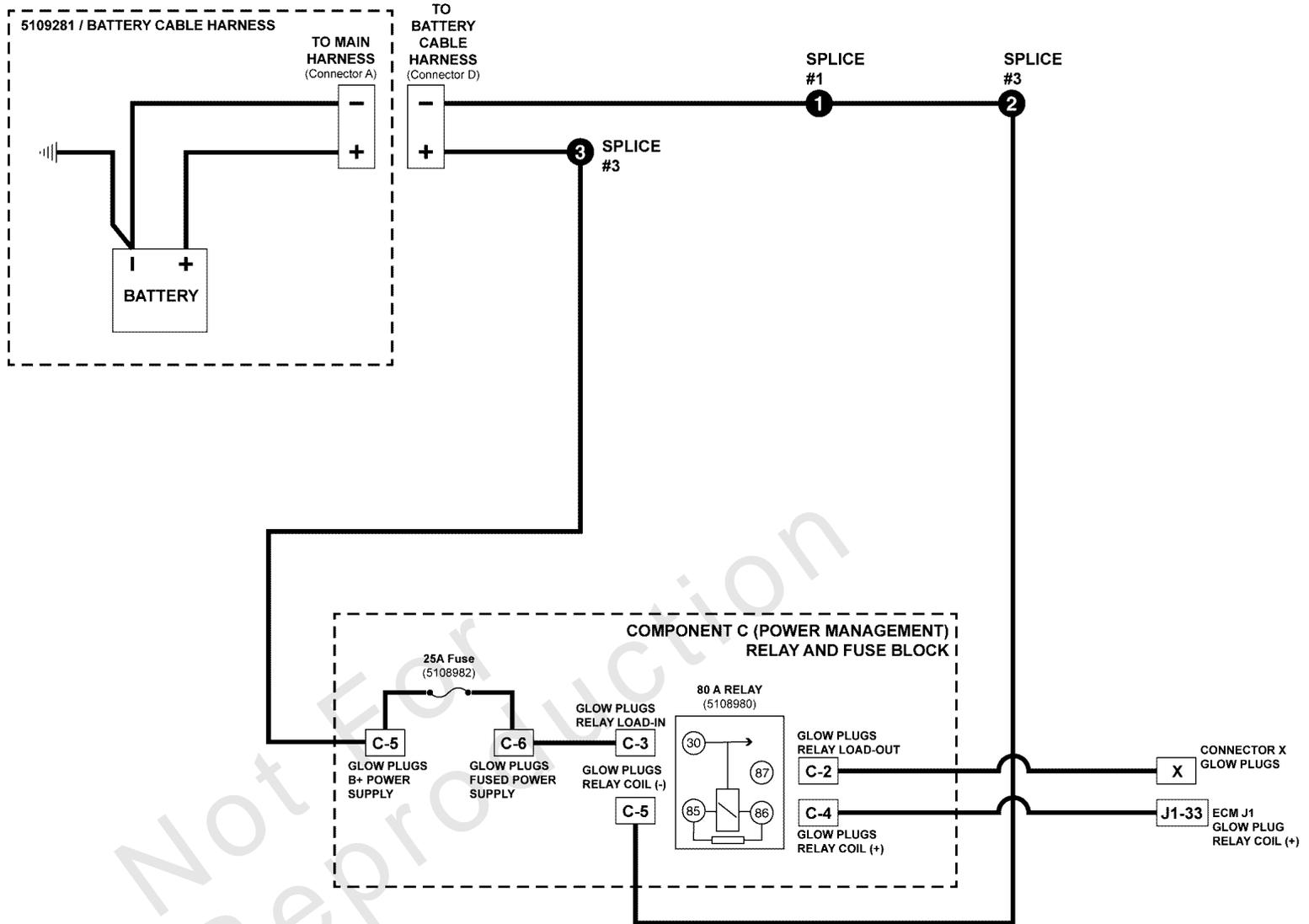
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109748 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109748A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



**Electrical Schematic - Glow Plug Circuit S/N: 4001933021 and Above**

| REF NO  | PART NO | QTY | DESCRIPTION                              |
|---------|---------|-----|--|
| 5109748 | 5109748 | 1   | HARNESS, 6200CE WIRING, CAT C1.7T        |
| 5109281 | 5109281 | 1   | HARNESS, BATTERY CABLES, 6200            |
| 5108980 | 5108980 | 1   | RELAY,MAXI N/O DIODE PC795-1A-C-12C-DN-X |
| 5108982 | 5108982 | 1   | FUSE, 25 AMP                             |

Not For Reproduction

# Electrical Schematic - Operator Presence / Safety Circuit S/N: 4001933020 and Below

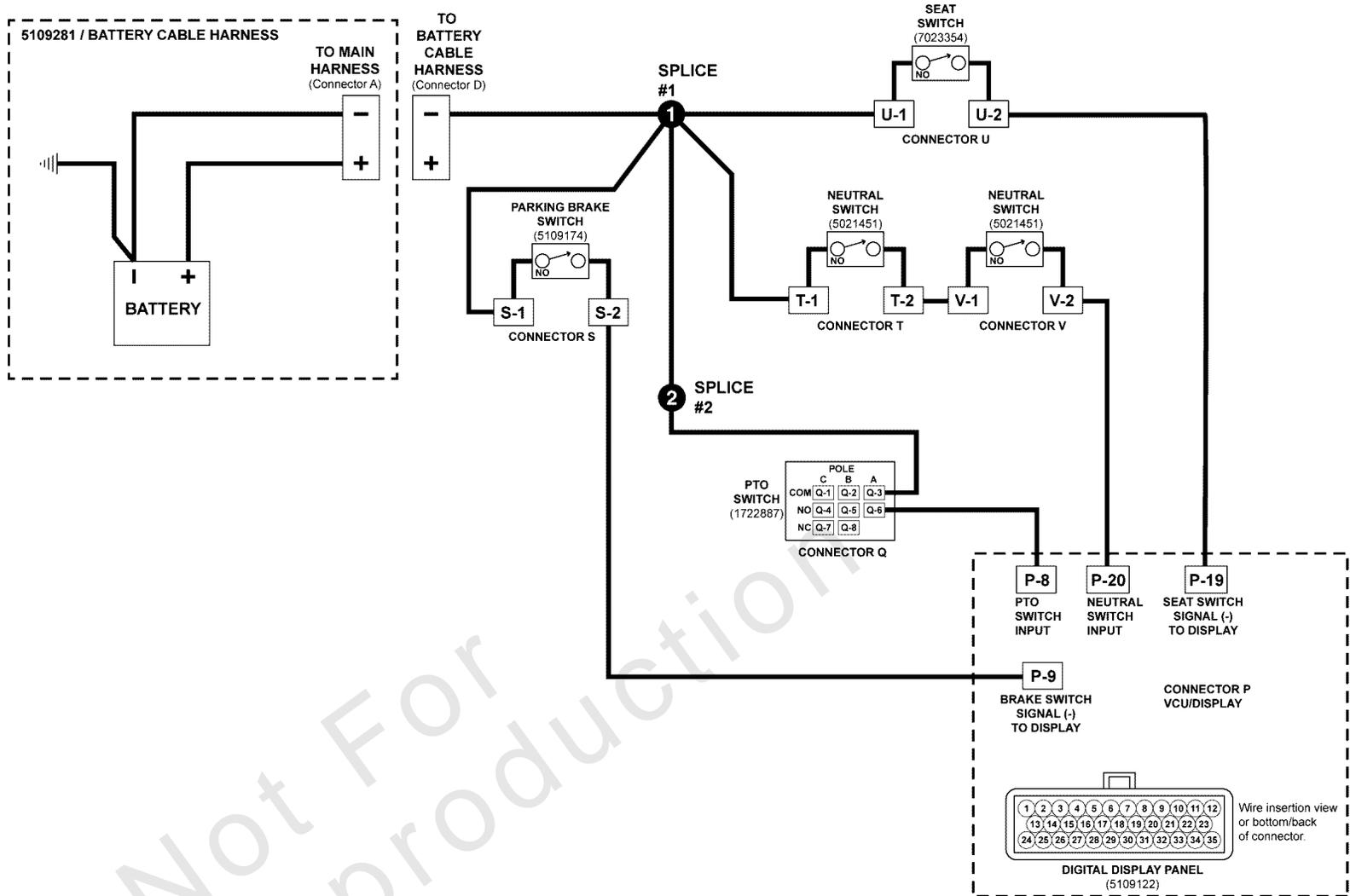
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109010 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109010A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



**Electrical Schematic - Operator Presence / Safety Circuit S/N: 4001933020 and Below**

| REF NO  | PART NO | QTY | DESCRIPTION                       |
|---------|---------|-----|-----------------------------------|
| 5109010 | 5109010 | 1   | HARNESS, 6200 WIRING, CAT C 1.7T  |
| 5109281 | 5109281 | 1   | HARNESS, BATTERY CABLES, 6200     |
| 7023354 | 7023354 | 1   | SWITCH, SEAT                      |
| 5109174 | 5109174 | 1   | SWITCH, PLUNGER, NO, BLACK, DELTA |
| 5021451 | 5021451 | 2   | SWITCH, PLUNGER, N.O., BOLT-ON    |
| 1722887 | 1722887 | 1   | SWITCH-PTO PUSH                   |
| 5109122 | 5109122 | 1   | CAN DISPLAY, IS6200               |

Not For Reproduction

# Electrical Schematic - Operator Presence / Safety Circuit S/N: 4001933021 and Above

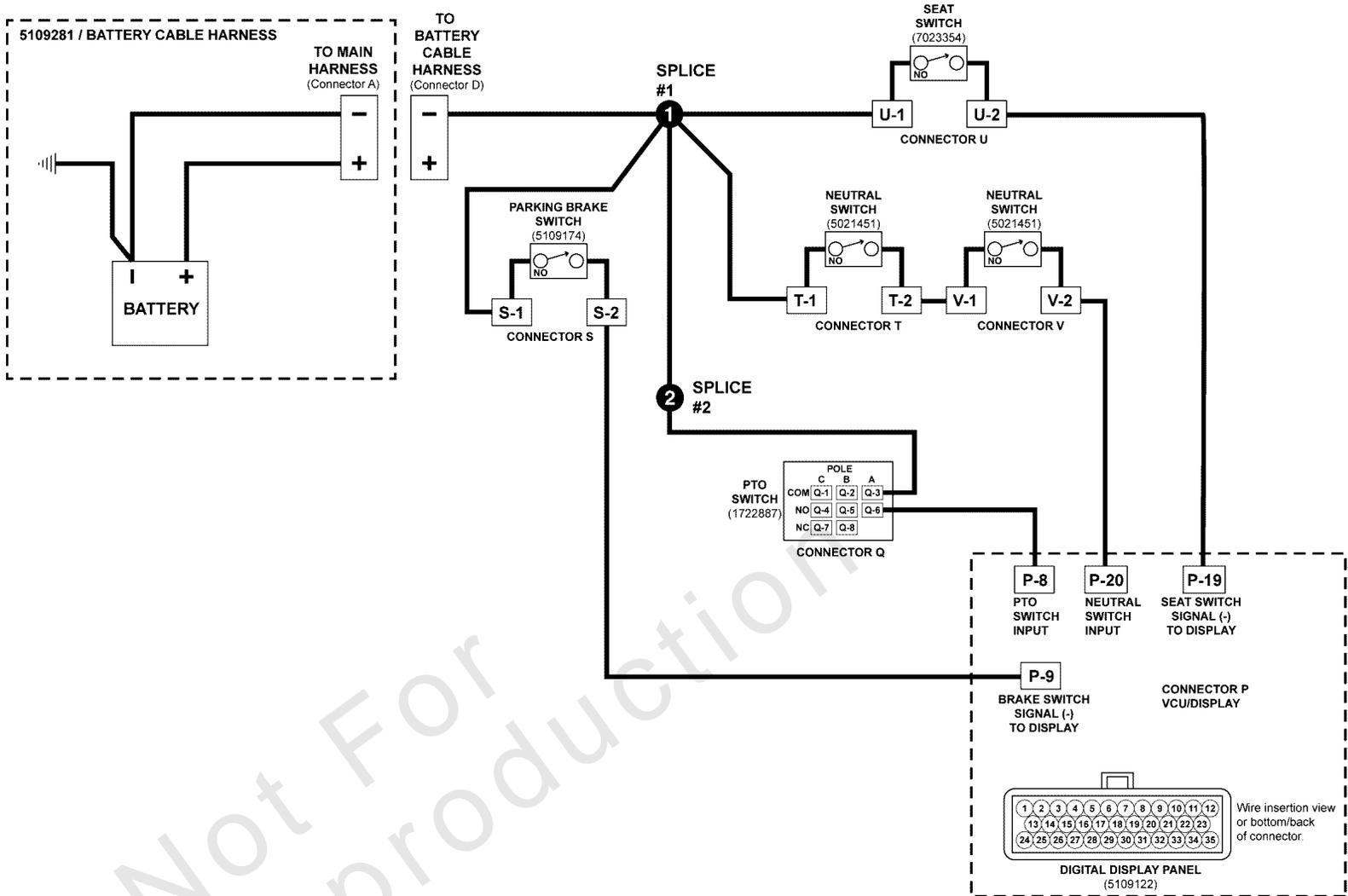
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109748 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109748A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



Not For Reproduction

**Electrical Schematic - Operator Presence / Safety Circuit S/N: 4001933021 and Above**

| REF NO  | PART NO | QTY | DESCRIPTION                       |
|---------|---------|-----|-----------------------------------|
| 5109748 | 5109748 | 1   | HARNESS, 6200CE WIRING, CAT C1.7T |
| 5109281 | 5109281 | 1   | HARNESS, BATTERY CABLES, 6200     |
| 7023354 | 7023354 | 1   | SWITCH, SEAT                      |
| 5109174 | 5109174 | 1   | SWITCH, PLUNGER, NO, BLACK, DELTA |
| 5021451 | 5021451 | 2   | SWITCH, PLUNGER, N.O., BOLT-ON    |
| 1722887 | 1722887 | 1   | SWITCH-PTO PUSH                   |
| 5109122 | 5109122 | 1   | CAN DISPLAY, IS6200               |

Not For Reproduction

# Electrical Schematic - Power to Digital Display Circuit S/N: 4001933020 and Below

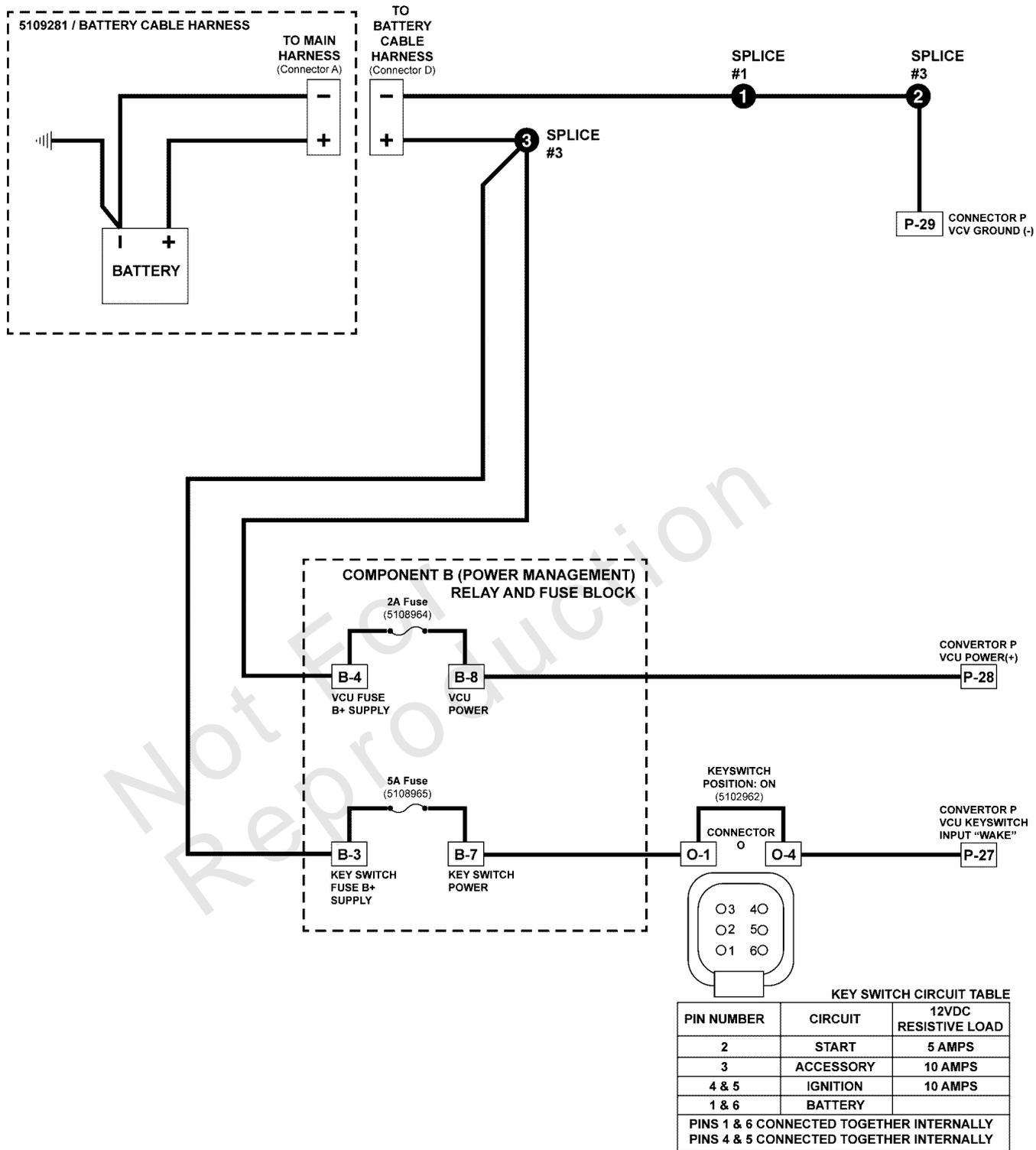
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109010 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109010A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



**Electrical Schematic - Power to Digital Display Circuit S/N: 4001933020 and Below**

| REF NO  | PART NO | QTY | DESCRIPTION                      |
|---------|---------|-----|----------------------------------|
| 5109010 | 5109010 | 1   | HARNESS, 6200 WIRING, CAT C 1.7T |
| 5108965 | 5108965 | 1   | FUSE, MINI 5 AMP 0297005         |
| 5108964 | 5108964 | 1   | FUSE, MINI 2 AMP 0297002         |
| 5102962 | 5102962 | 1   | IGNITION SWITCH, SEALED, 3 POS   |
| 5109281 | 5109281 | 1   | HARNESS, BATTERY CABLES, 6200    |

Not For Reproduction

# Electrical Schematic - Power to Digital Display Circuit S/N: 4001933021 and Above

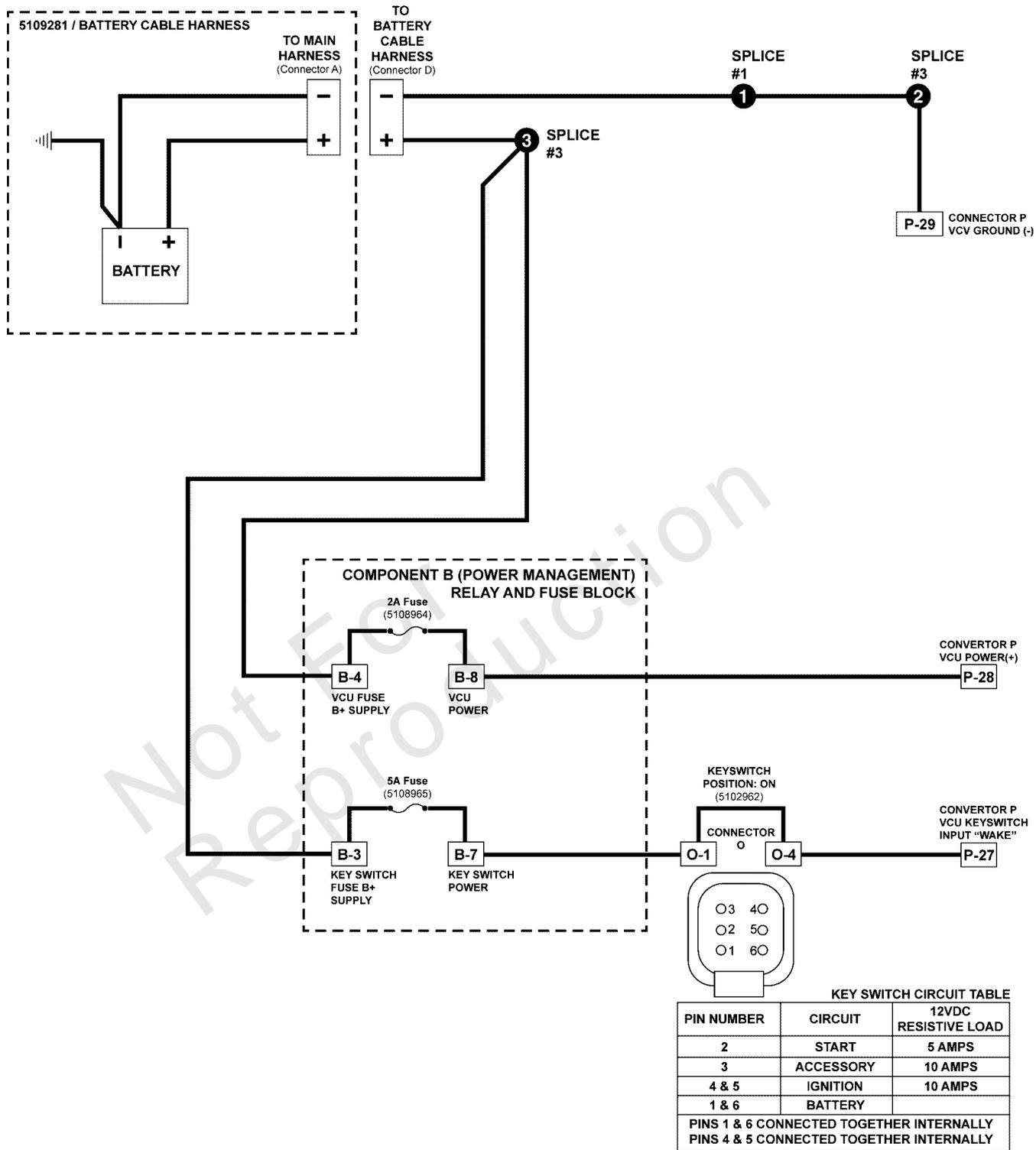
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109748 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109748A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



**Electrical Schematic - Power to Digital Display Circuit S/N: 4001933021 and Above**

| REF NO  | PART NO | QTY | DESCRIPTION                       |
|---------|---------|-----|-----------------------------------|
| 5109748 | 5109748 | 1   | HARNESS, 6200CE WIRING, CAT C1.7T |
| 5108965 | 5108965 | 1   | FUSE, MINI 5 AMP 0297005          |
| 5108964 | 5108964 | 1   | FUSE, MINI 2 AMP 0297002          |
| 5102962 | 5102962 | 1   | IGNITION SWITCH, SEALED, 3 POS    |
| 5109281 | 5109281 | 1   | HARNESS, BATTERY CABLES, 6200     |

Not For Reproduction

# Electrical Schematic - PTO Clutch Circuit S/N: 4001933020 and Below

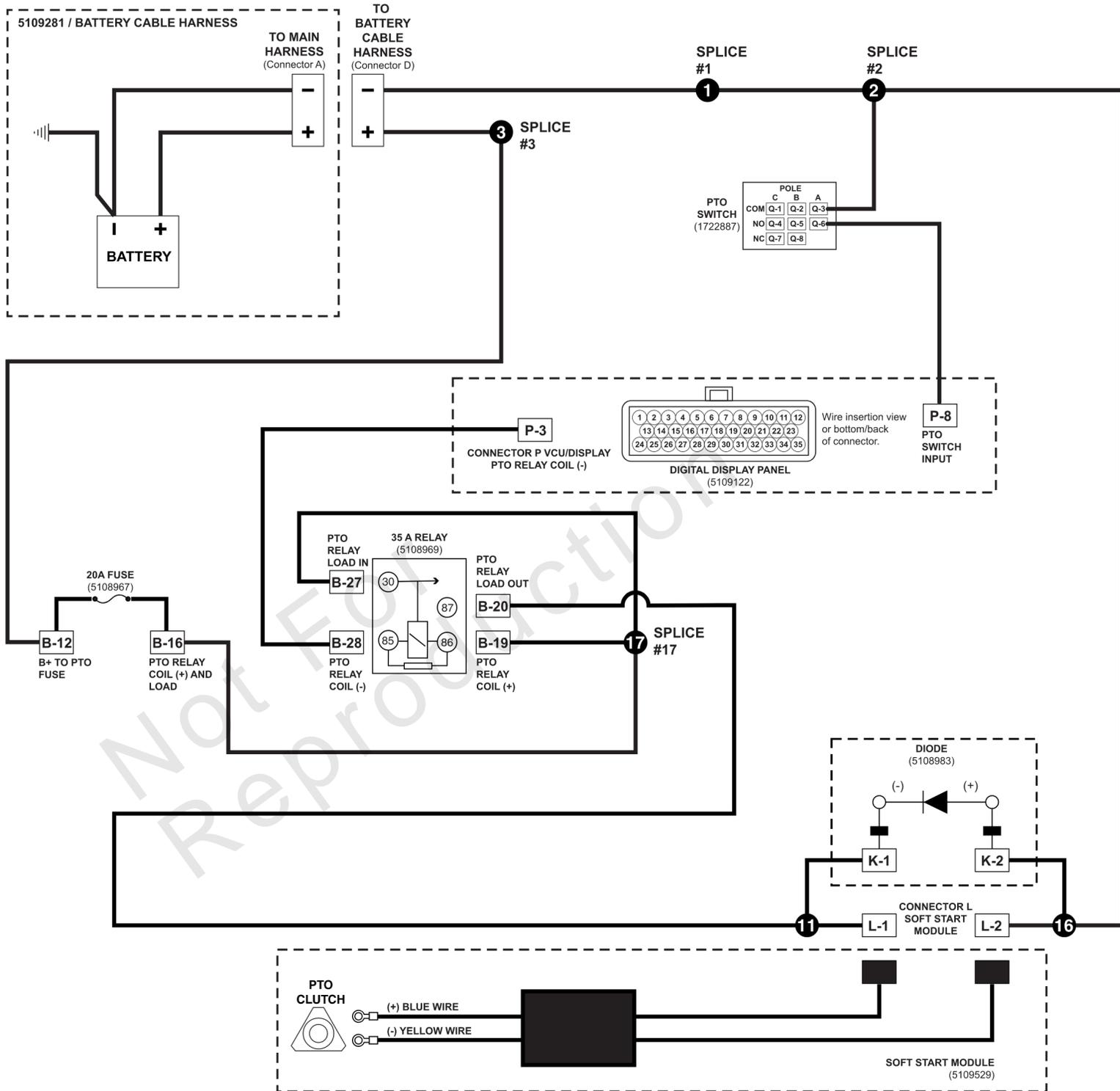
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109010 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109010A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



## ***Electrical Schematic - PTO Clutch Circuit S/N: 4001933020 and Below***

| <b>REF NO</b> | <b>PART NO</b> | <b>QTY</b> | <b>DESCRIPTION</b>                     |
|---------------|----------------|------------|--|
| 5109010       | 5109010        | 1          | HARNESS, 6200 WIRING, CAT C 1.7T       |
| 5109281       | 5109281        | 1          | HARNESS, BATTERY CABLES, 6200          |
| 5109122       | 5109122        | 1          | CAN DISPLAY, IS6200                    |
| 5108967       | 5108967        | 1          | FUSE, MINI 20 AMP 0297020              |
| 5109529       | 5109529        | 1          | SOFT START, IS6200                     |
| 5108969       | 84008404       | 1          | RELAY                                  |
| 5108983       | 84008684       | 1          | RECEPTACLE, DEUTSCH DIODE DT04-2P-RT01 |
| 1722887       | 1722887        | 1          | SWITCH-PTO PUSH                        |

Not For Reproduction

# Electrical Schematic - PTO Clutch Circuit S/N: 4001933021 and Above

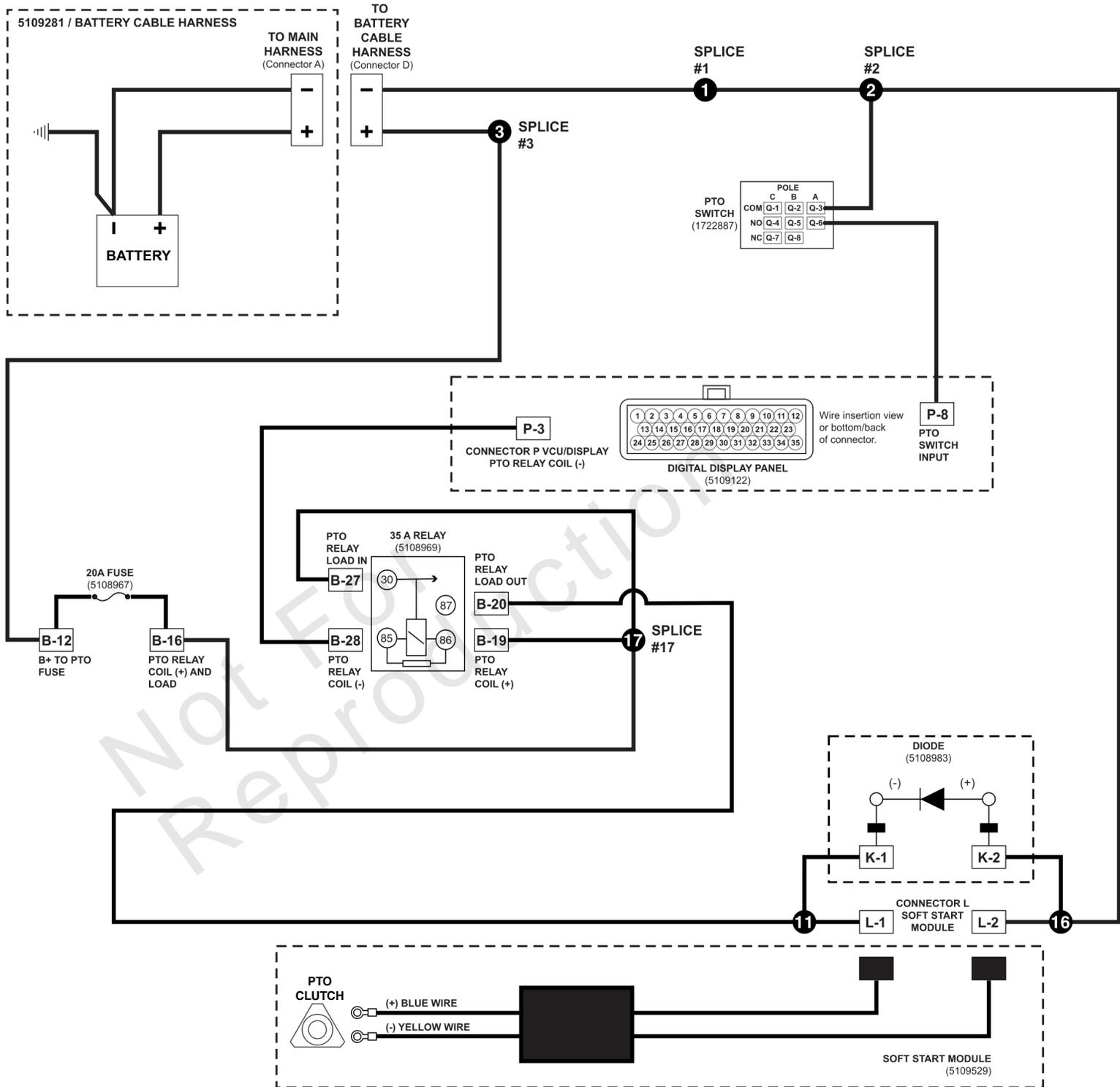
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## 5109748 MAIN WIRE HARNESS - CATERPILLAR C 1.7 DIESEL ENGINE

5109748A

(If internal schematic of the switch is not shown, the image of the switch represents the back view of the connector as it is connected to the switch.)



## Electrical Schematic - PTO Clutch Circuit S/N: 4001933021 and Above

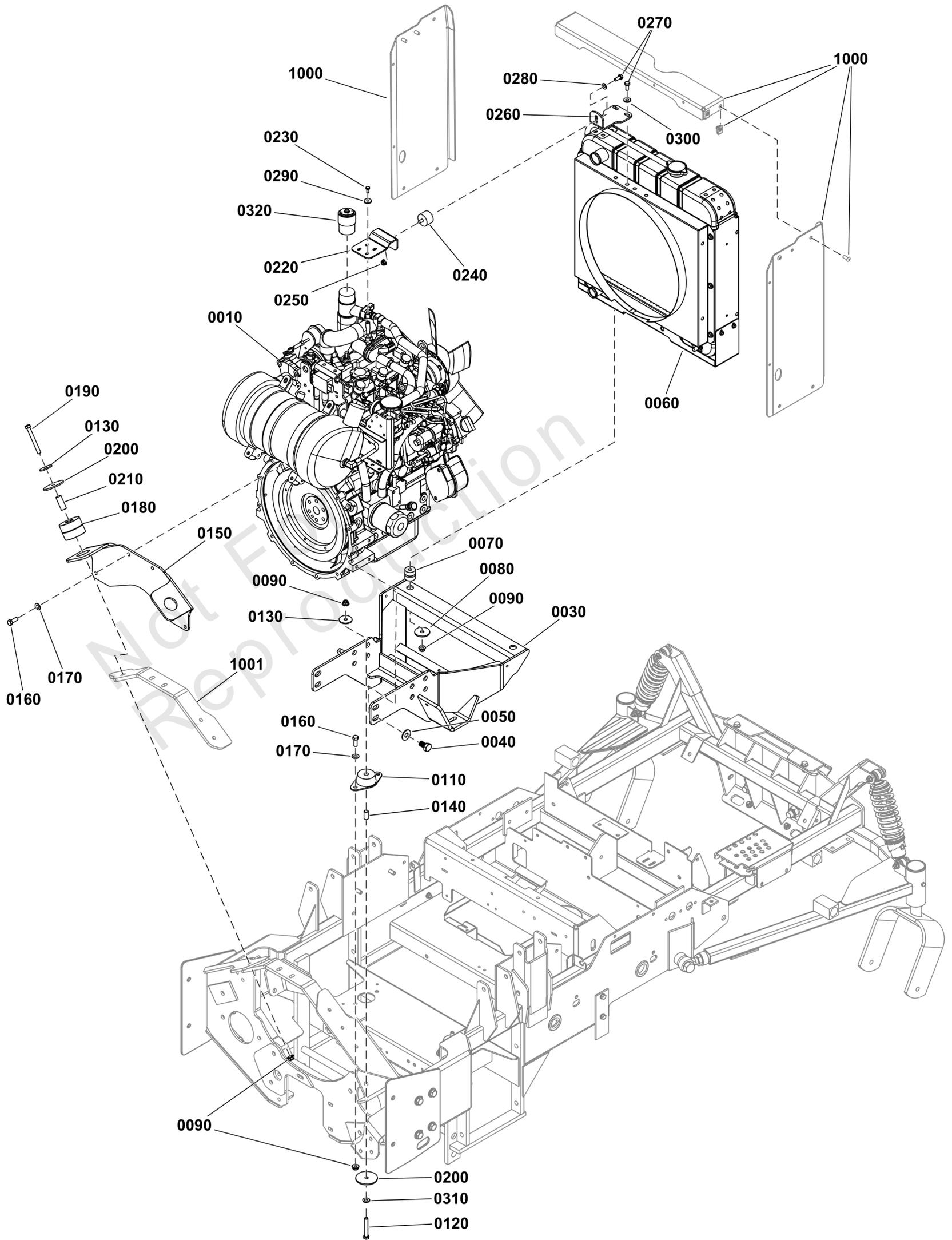
| REF NO  | PART NO  | QTY | DESCRIPTION                            |
|---------|----------|-----|--|
| 5109748 | 5109748  | 1   | HARNESS, 6200CE WIRING, CAT C1.7T      |
| 5109281 | 5109281  | 1   | HARNESS, BATTERY CABLES, 6200          |
| 5109122 | 5109122  | 1   | CAN DISPLAY, IS6200                    |
| 5108967 | 5108967  | 1   | FUSE, MINI 20 AMP 0297020              |
| 5109529 | 5109529  | 1   | SOFT START, IS6200                     |
| 5108969 | 84008404 | 1   | RELAY                                  |
| 5108983 | 84008684 | 1   | RECEPTACLE, DEUTSCH DIODE DT04-2P-RT01 |
| 1722887 | 1722887  | 1   | SWITCH-PTO PUSH                        |

Not For Reproduction

# Engine and Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



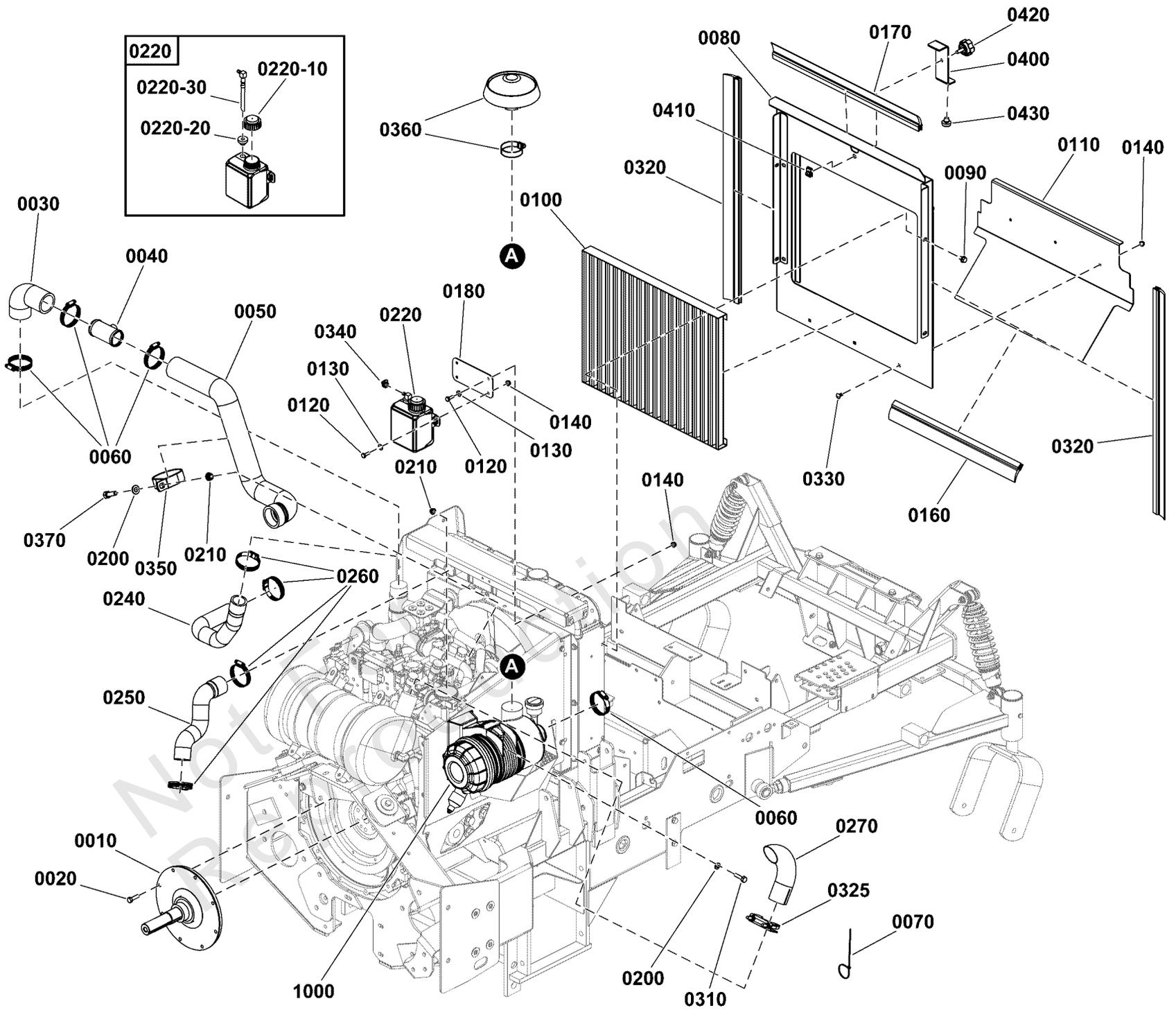
## Engine and Mount Group

| REF NO  | PART NO    | QTY | DESCRIPTION  |
|---------|------------|-----|--|
| 0010    | -----      | 1   | ENGINE, CAT C1.7 CRDI                                |
| 0010-10 | 5108030X17 | 1   | ENGINE BELT (501-7680)<br>-(Not illustrated.)        |
| 0010-20 | 5108030X18 | 1   | AIR FILTER ELEMENT (551-6182)<br>-(Not illustrated.) |
| 0010-30 | 5108030X19 | 1   | ALTERNATOR (490-0056)<br>-(Not illustrated.)         |
| 0010-40 | 5108030X20 | 1   | STARTING MOTOR (461-8765)<br>-(Not illustrated.)     |
| 0010-50 | 5108030X21 | 1   | GLOW PLUG (527-6899)<br>-(Not illustrated.)          |
| 0010-60 | 5022883X11 | 1   | FILTER, ENGINE OIL<br>-(Not illustrated.)            |
| 0030    | 5419960AA  | 1   | WELD, RADIATOR MOUNT - BLK                           |
| 0040    | 5025383    | 12  | BOLT, M14-1.5 X 25MM                                 |
| 0050    | 5025150    | 12  | WASHER, 1/2" USSZ                                    |
| 0060    | 5108078    | 1   | RADIATOR, IS6200                                     |
| 0070    | 5023131    | 2   | MOUNT, ISO, BOTTOM, RAD 5000Z-DIESEL                 |
| 0080    | 5025305    | 2   | WASHER, .41 X 1.75 X .14                             |
| 0090    | 5025394    | 10  | NUT, 3/8 - 16 HEX NYLOCK FLANGE                      |
| 0110    | 5022896    | 2   | ISO-MOUNT, ENGINE                                    |
| 0120    | 5025013X20 | 2   | BOLT, 3/8-16 X 2-1/2" GD5 CZ                         |
| 0130    | 5100548    | 4   | WASHER, .390 X 1.50 X .109, YZ                       |
| 0140    | 5044959    | 2   | SPACER, .38 x .50 x 1.00                             |
| 0150    | 5419999AA  | 1   | MOUNT, ENGINE, UPPER - BLK                           |
| 0160    | 5025013X8  | 10  | BOLT, 3/8-16 X 1" GD5 CZ                             |
| 0170    | 5025156    | 10  | WASHER, 3/8 SAE                                      |
| 0180    | 5102731    | 2   | ISO MOUNT, 490 LBS, GREEN                            |
| 0190    | 5025013X26 | 2   | BOLT, 3/8-16 X 3-1/4 GD5 CZ                          |
| 0200    | 5047381    | 4   | WASHER, .39 X 2.50 X .125                            |
| 0210    | 5047380    | 2   | SPACER, .38 x .62 x 1.62                             |
| 0220    | 5420741AA  | 1   | MOUNT, RADIATOR, ENGINE - BLK                        |
| 0230    | 5023215    | 4   | CAPSCREW, HEX HEAD M6-1.0 X 14MM                     |
| 0240    | 5023130    | 1   | MOUNT,ISO,TOP,RAD 5000Z-DIESEL                       |
| 0250    | 5025392    | 1   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT                   |
| 0260    | 5420742AA  | 1   | MOUNT, UPPER RADIATOR - BLK                          |
| 0270    | 5025011X6  | 3   | BOLT, 5/16-18 X 3/4 GD5                              |
| 0280    | 5025155    | 1   | WASHER, 5/16" SAE                                    |
| 0290    | 80003583   | 4   | WASHER, 1/4 x 27/32 OD                               |
| 0300    | 5025292    | 2   | WASHER, 5/16 GRADE 9, FLAT                           |
| 0310    | 5025293    | 2   | WASHER, 3/8" GR. 9 FLAT                              |
| 0320    | -----      | 1   | DIRTY AIR FILTER INDICATOR, CAT ENGINE               |
| 1000    | -----      | 0   | Refer to: Hood and Bumper Group                      |
| 1001    | -----      | 0   | Refer to: Pump Drive Group                           |

# Engine and Radiator Accessories Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Engine and Radiator Accessories Group

| REF NO  | PART NO      | QTY | DESCRIPTION  |
|---------|--------------|-----|--|
| 0010    | 5109060      | 1   | SHAFT, STUB, FLYWHEEL PLATE                                  |
| 0020    | 5025011X9    | 8   | BOLT, 5/16-18 X 1-1/8 GD5 CZ                                 |
| 0030    | 5109208      | 1   | HOSE, AIR FILTER, ELBOW, IS6200Z                             |
| 0040    | 5109188      | 1   | 6200 OXYGEN SENSOR   |
| 0050    | 5109210      | 1   | HOSE, AIR FILTER, IS6200Z                                    |
| 0060    | 5023448      | 4   | CLAMP, SS HOSE 2-3/4"  |
| 0070    | 5101492      | 1   | TIE, SELF-LOCKING, 24"<br>-(Wraps around air cleaner cover). |
| 0080    | 5419942AA    | 1   | WELD, SCREEN MOUNT, IS6200 - BLK                             |
| 0090    | 5023158      | 4   | BOLT, 5/16-18 X 1/2" FLANGE SPECIAL                          |
| 0100    | 5108285      | 1   | SCREEN, RADIATOR, IS6200<br>-(Mounts with radiator).         |
| 0110    | 5420656AA    | 1   | PLATE, LOWER SEAL MOUNT, IS6200 - BLK                        |
| 0120    | 5025010X6    | 4   | BOLT, 1/4"-20 X 3/4" GD5 YZ                                  |
| 0130    | 5025154      | 4   | WASHER, 1/4 SAE  |
| 0140    | 5025391      | 7   | NUT, 1/4-20 Hex Nylock Flange                                |
| 0160    | 5050926X19   | 1   | SEAL, WIPER, CLIP ON, 19.00                                  |
| 0170    | 5050926X22   | 1   | Seal, Wiper, Clip On, 22.00                                  |
| 0180    | 5420921AA    | 1   | PLATE, OVERFLOW BOTTLE - BLK                                 |
| 0200    | 5025155      | 3   | WASHER, 5/16" SAE  |
| 0210    | 5025392      | 3   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT                           |
| 0220    | 5108542      | 1   | TANK, COOLANT RECOVERY, IS6200                               |
| 0220-10 | -----        |     | CAP  |
| 0220-20 | 5102833X1    |     | GROMMET  |
| 0220-30 | -----        |     | PICKUP TUBE  |
| 0240    | 5108349      | 1   | HOSE, LOWER RADIATOR, IS6200Z                                |
| 0250    | 5109207      | 1   | HOSE, UPPER RADIATOR, IS6200Z                                |
| 0260    | 5022883X54   | 4   | CLAMP, RADIATOR HOSE   |
| 0270    | 5421080      | 1   | TAILPIPE   |
| 0310    | 5025055X10   | 2   | BOLT, 5/16-18 X 1-1/4 GD5 TFL, CZ                            |
| 0320    | 5050926X26P5 | 2   | SEAL, WIPER, CLIP ON, 26.50                                  |
| 0325    | 5104512X1    | 1   | CLAMP, TAILPIPE, 1-7/8"                                      |
| 0330    | 80003579     | 3   | BOLT, 1/4-20X.75, GR5, RH SH SQ NK, ZNC/CLR                  |
| 0340    | 5022922      | 1   | CLAMP, #4 HOSE, STAINLESS                                    |
| 0350    | 5025689      | 1   | CLAMP, VINYL, 2-1/4"   |
| 0360    | 593754       | 1   | CAP, RAIN ASSY   |
| 0370    | 5025011X8    | 1   | BOLT, 5/16-18 X 1" GRD5 YZ                                   |
| 0400    | 5421812AA    | 1   | PLATE, RADIATOR SCREEN KEEP - BLK                            |
| 0410    | 5022308      | 1   | BODY CLIP, 5/16-18-7GA MATERIAL                              |
| 0420    | 5108141      | 1   | KNOB, 5/16-18 X 1.00, ROSETTE, BLK                           |
| 0430    | 197546       | 1   | MNT, VBRN, RBBR  |
| 1000    | 5108030X22   | 1   | ASSEMBLY, AIR CLEANER, CAT                                   |



## Fuel Supply and Tank Replacement Group

| REF NO  | PART NO        | QTY | DESCRIPTION                          |
|---------|----------------|-----|--------------------------------------|
| 0180    | 5021029SM      | 7   | TIE, Cable 11" Long                  |
| 0190    | 5109405FS      | 1   | FITTING                              |
| 0210    | 5109319FS      | 2   | FITTING                              |
| 0220    | 5050861X68     | 1   | WIRE LOOM, 5/8 ID X 68.00 IN         |
| 0230    | 5102045X70FS   | 1   | HOSE, FUEL                           |
| 0240    | 5102045X21FS   | 1   | HOSE, FUEL                           |
| 0260    | 5102045X12     | 1   | FUEL LINE, 5/16 ID X 12.00 IN        |
| 0270    | 5102045X24FS   | 1   | HOSE, FUEL                           |
| 0280    | 5109297X42P5FS | 2   | LINE, FUEL                           |
| 0290    | 5109297X38     | 1   | FUEL LINE, 1/2 ID X 38.00 IN         |
| 0300    | 5050831X35SM   | 2   | HOSE, 1/4" FUEL, 35.0                |
| 0310    | 5050831X1P5    | 1   | HOSE, 1/4" FUEL, 1.50"               |
| 0320    | 5100876FS      | 1   | TEE                                  |
| 0330    | 5021178X3FS    | 1   | FILTER, FUEL                         |
| 0340    | 5102045X27FS   | 2   | HOSE, FUEL                           |
| 0350    | 5102045X7FS    | 1   | HOSE, FUEL                           |
| 0360    | 5102045X5FS    | 1   | HOSE, Fuel                           |
| 0370    | 5102041FS      | 2   | FITTING                              |
| 0380    | 691038         | 6   | CLAMP, Hose                          |
| 0390    | 5021392SM      | 4   | CLAMP, #6 HOSE, STAIN                |
| 0400    | 5022922SM      | 18  | CLAMP, #4 HOSE, STAIN                |
| 0420    | 5050862X25     | 2   | WIRE LOOM, 3/4 ID X 25 IN            |
| 0430    | 5025010X5      | 2   | CAPSCREW, HEX HEAD, 1/4-20 X 5/8     |
| 0440    | 703332         | 2   | WASHER                               |
| 0450    | 5025391FS      | 2   | NUT                                  |
| 0480    | 5021500FS      | 2   | CLAMP                                |
| 0520    | 5109788        | 2   | HOSE ASSEMBLY, 5/16 FUEL FILTER LINE |
| 1000    | 84009439       | 1   | FILTER, FUEL                         |
| 1000-10 | 84009440       | 1   | FILTER, FUEL                         |
| 1001    | 84010444       | 1   | SEPARATOR                            |
| 1001-10 | 84010445       | 1   | SEPARATOR                            |
| 1002    | 84009444       | 1   | PUMP, FUEL                           |
| 1003    | 5023121SM      | 2   | GROMMET (SV)                         |
| 1004    | 84009406       | 2   | FITTING                              |
| 1005    | 1674231SM      | 2   | ELBOW, Fuel Tank to Fuel Hose        |
| 1006    | 1726400FS      | 2   | BUSHING                              |
| 1007    | 5109409        | 2   | PICKUP TUBE, IS6200                  |



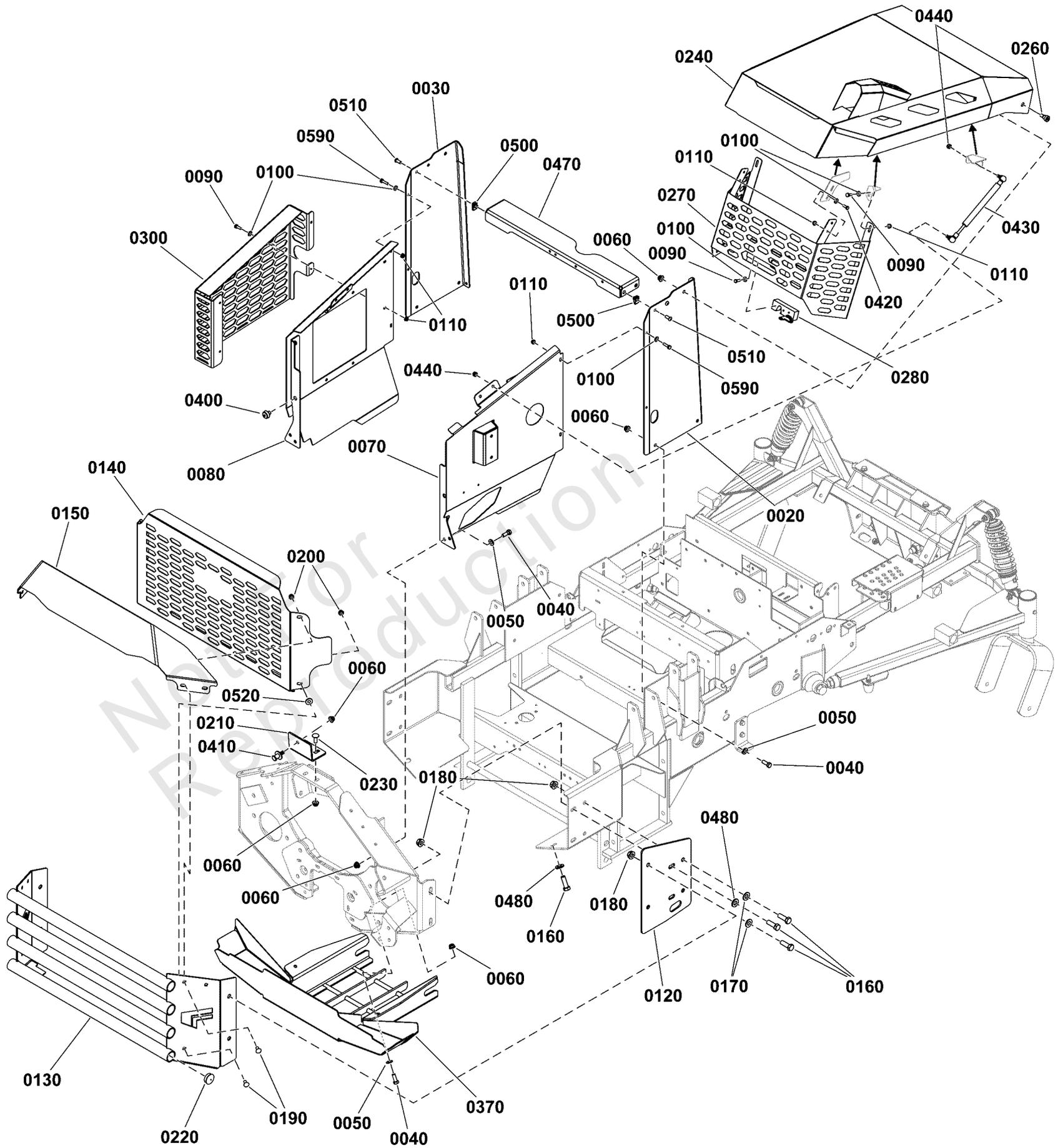
## Fuel Tank and Mount Group

| REF NO  | PART NO    | QTY | DESCRIPTION  |
|---------|------------|-----|--|
| 0010    | 5109413    | 1   | TANK, FUEL, LH, IS6200Z                                |
| 0010-10 | 5022917    | 2   | GAUGE, FUEL, 12<br>-(One per tank)                     |
| 0010-20 | 5022917X1  | 2   | GROMMET, FUEL GAUGE (SV)<br>-(One per tank)            |
| 0020    | 5109414    | 1   | TANK, FUEL, RH, IS6200Z                                |
| 0030    | 5421120AA  | 2   | GUARD, FUEL TANK SHUT-OFF, 6200 - BLK                  |
| 0040    | 5025011X6  | 12  | BOLT, 5/16-18 X 3/4 GD5                                |
| 0050    | 5025155    | 10  | WASHER, 5/16" SAE                                      |
| 0060    | 5025170    | 12  | WASHER, 5/16 LOCK CZ                                   |
| 0070    | 5109185    | 2   | FUEL CAP, 3.5, NON VENTED DIESEL, ULS                  |
| 0080    | 5061301B   | 2   | PLATE, BADGE, IS4500Z                                  |
| 0090    | 5025386    | 8   | SCREW, Allen Head, #10-24 x 3/8"                       |
| 0100    | 5420636B   | 2   | WELD, FUEL TANK MOUNT - RED                            |
| 0110    | 5025011X8  | 8   | BOLT, 5/16-18 X 1" GRD5 YZ                             |
| 0120    | 5025392    | 6   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT                     |
| 0130    | 5022308    | 4   | BODY CLIP, 5/16-18-7GA MATERIAL                        |
| 0140    | 5025013X10 | 2   | BOLT, 3/8-16 X 1-1/4" GD5 CZ                           |
| 0150    | 5025156    | 2   | WASHER, 3/8 SAE  |
| 0160    | 5025394    | 2   | NUT, 3/8 - 16 HEX NYLOCK FLANGE                        |
| 0170    | 5025292    | 12  | WASHER, 5/16 GRADE 9, FLAT                             |
| 0180    | 5021029    | 7   | TIE, SELF-LOCKING, 12"                                 |
| 0410    | 5021397    | 2   | GROMMET, 1-1/4"  |
| 0430    | -----      | 2   | HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR                  |
| 0440    | 5025154    | 4   | WASHER, 1/4 SAE  |
| 0450    | 5025391    | 4   | NUT, 1/4-20 Hex Nylock Flange                          |
| 0530    | 5021500    | 4   | CLAMP, VINYL INSULATED, 1.00                           |
| 0540    | 5025010X6  | 1   | BOLT, 1/4"-20 X 3/4" GD5 YZ                            |
| 0550    | 5025011X32 | 2   | BOLT, 5/16-18 x 4                                      |
| 0560    | 5025010X10 | 1   | BOLT, 1/4-20 X 1-1/4 GD5 CZ                            |
| 0570    | 5102581    | 1   | SPACER, .33 X .63 X .50, CZ                            |
| 1001    | -----      | 1   | Refer to: Fuel Supply and Tank Replacement Parts Group |
| 1002    | -----      | 1   | Refer to: Fuel Supply and Tank Replacement Parts Group |
| 1003    | -----      | 1   | Refer to: Fuel Supply and Tank Replacement Parts Group |

# Hood and Bumper Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



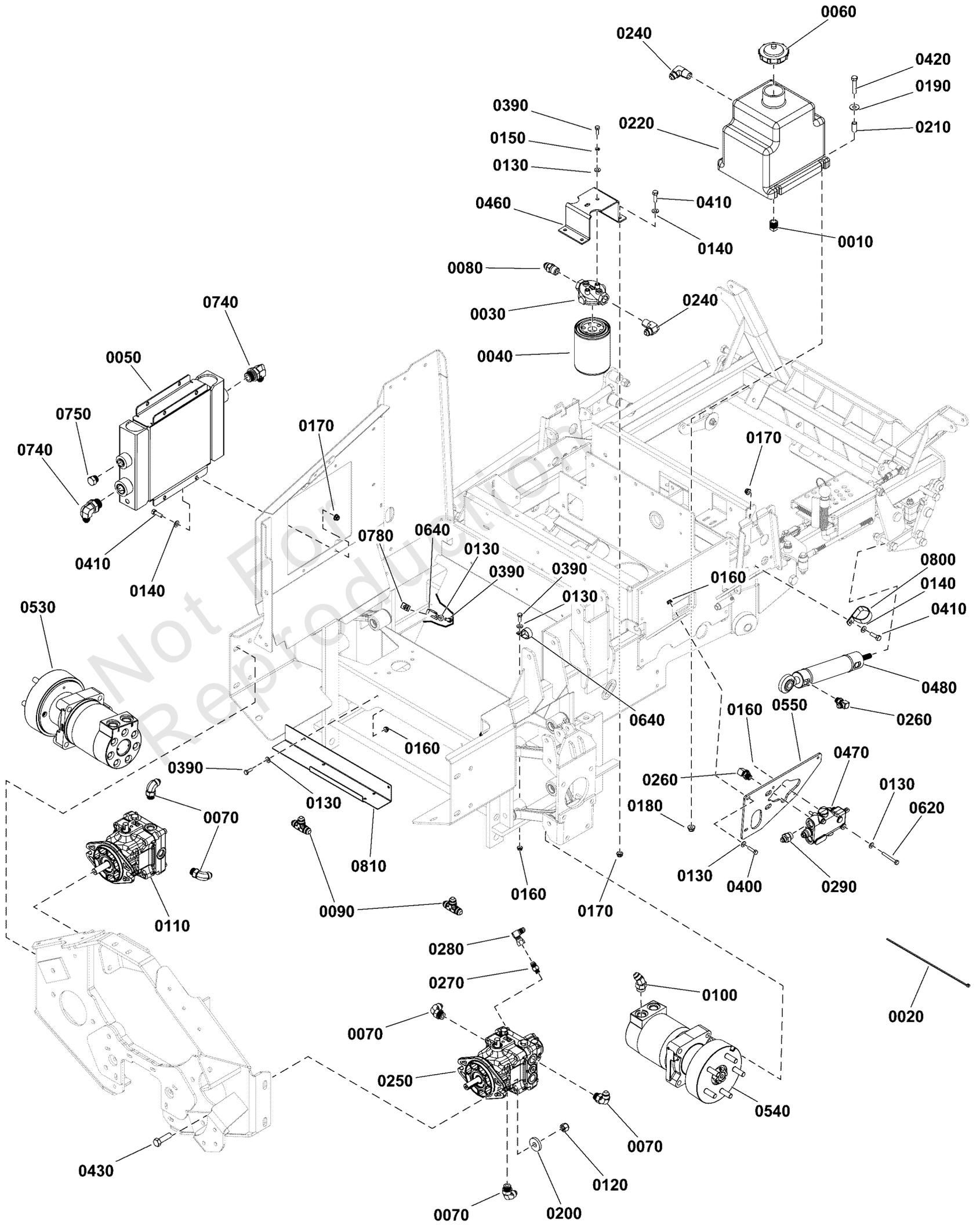
## Hood and Bumper Group

| REF NO | PART NO    | QTY | DESCRIPTION                              |
|--------|------------|-----|--|
| 0020   | 5420895B   | 1   | PLATE, RH HOOD SUPPORT, IS6200 - RED     |
| 0030   | 5420894B   | 1   | PLATE, LH HOOD SUPPORT, IS6200 - RED     |
| 0040   | 5025013X8  | 10  | BOLT, 3/8-16 X 1" GD5 CZ                 |
| 0050   | 5025156    | 10  | WASHER, 3/8 SAE                          |
| 0060   | 5025394    | 15  | NUT, 3/8 - 16 HEX NYLOCK FLANGE          |
| 0070   | 5420458B   | 1   | WELD, SOUNDPLATE, RH, 6200 - RED         |
| 0080   | 5421604B   | 1   | WELD, LH, SIDE PANEL, IS6200 - RED       |
| 0090   | 5025010X6  | 10  | BOLT, 1/4"-20 X 3/4" GD5 YZ              |
| 0100   | 5025154    | 16  | WASHER, 1/4 SAE                          |
| 0110   | 5025391    | 14  | NUT, 1/4-20 Hex Nylock Flange            |
| 0120   | 5420949B   | 2   | PLATE, BUMPER MOUNT, 6200 - RED          |
| 0130   | 5421202B   | 1   | WELD, BUMPER, 6200 - RED                 |
| 0140   | 5421199AA  | 1   | PLATE, BUMPER SHIELD, 6200 - BLK         |
| 0150   | 5420420B   | 1   | PLATE, UPPER BUMPER, 6200 - RED          |
| 0160   | 5025017X12 | 14  | BOLT, 1/2-13 X 1-1/2 GD5 CZ              |
| 0170   | 5025158    | 8   | WASHER, 1/2 SAE                          |
| 0180   | 5025396    | 14  | NUT, Hex Flange, Nylock, 1/2-13          |
| 0190   | 5025145X6  | 6   | BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ   |
| 0200   | 5025392    | 6   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT       |
| 0210   | 5421053AA  | 1   | PLATE, HOOD LATCH PIN - BLK              |
| 0220   | 5023484    | 8   | PLUG, PANEL, 1.25 - BLACK                |
| 0230   | 80004497   | 2   | BOLT,3/8-16X1.000,RND HD CRRG,ZINC/CLEAR |
| 0240   | 5420460B   | 1   | WELD, HOOD, 6200 - RED                   |
| 0260   | 84008676   | 2   | BOLT, 3/8-16 X 1/2, 5/8 SHOULDER         |
| 0270   | 5421111AA  | 1   | WELD, GRILL, HOOD, 6200 - BLK            |
| 0280   | 5100265    | 1   | HOOD LATCH, IS5000                       |
| 0300   | 5421603B   | 1   | PLATE, COOLER GUARD, IS6200 - RED        |
| 0370   | 5421652AA  | 1   | WELD, SKID GUARD, IS6200 - BLK           |
| 0400   | 197546     | 2   | MNT, VBRTN, RBBR                         |
| 0410   | 5100266    | 1   | BOLT/WASHER ASM HOOD LATCH               |
| 0420   | -----      | 4   | HHCS, 1/4-20 X 0.625, GR5, ZINC/CLEAR    |
| 0430   | 5109500    | 2   | GAS SPRING, IS6200 HOOD                  |
| 0440   | 5025354    | 4   | NUT, M8-1.25 Hex Nylon Lock              |
| 0470   | 5420189B   | 1   | HOOD SUPPORT, IS6200 - RED               |
| 0480   | 5025440    | 6   | WASHER, 1/2" GD9 YZ                      |
| 0500   | 5022308    | 4   | BODY CLIP, 5/16-18-7GA MATERIAL          |
| 0510   | 80017909   | 4   | SCREW, 5/16-18X.750 BUTTON HD PHOS&OIL   |
| 0520   | 5025337    | 2   | WASHER, 5/16" USS                        |
| 0590   | 5025010X8  | 2   | BOLT, 1/4-20 X 1" GD5 CZ                 |

# Hydraulic Group - Components

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Hydraulic Group - Components

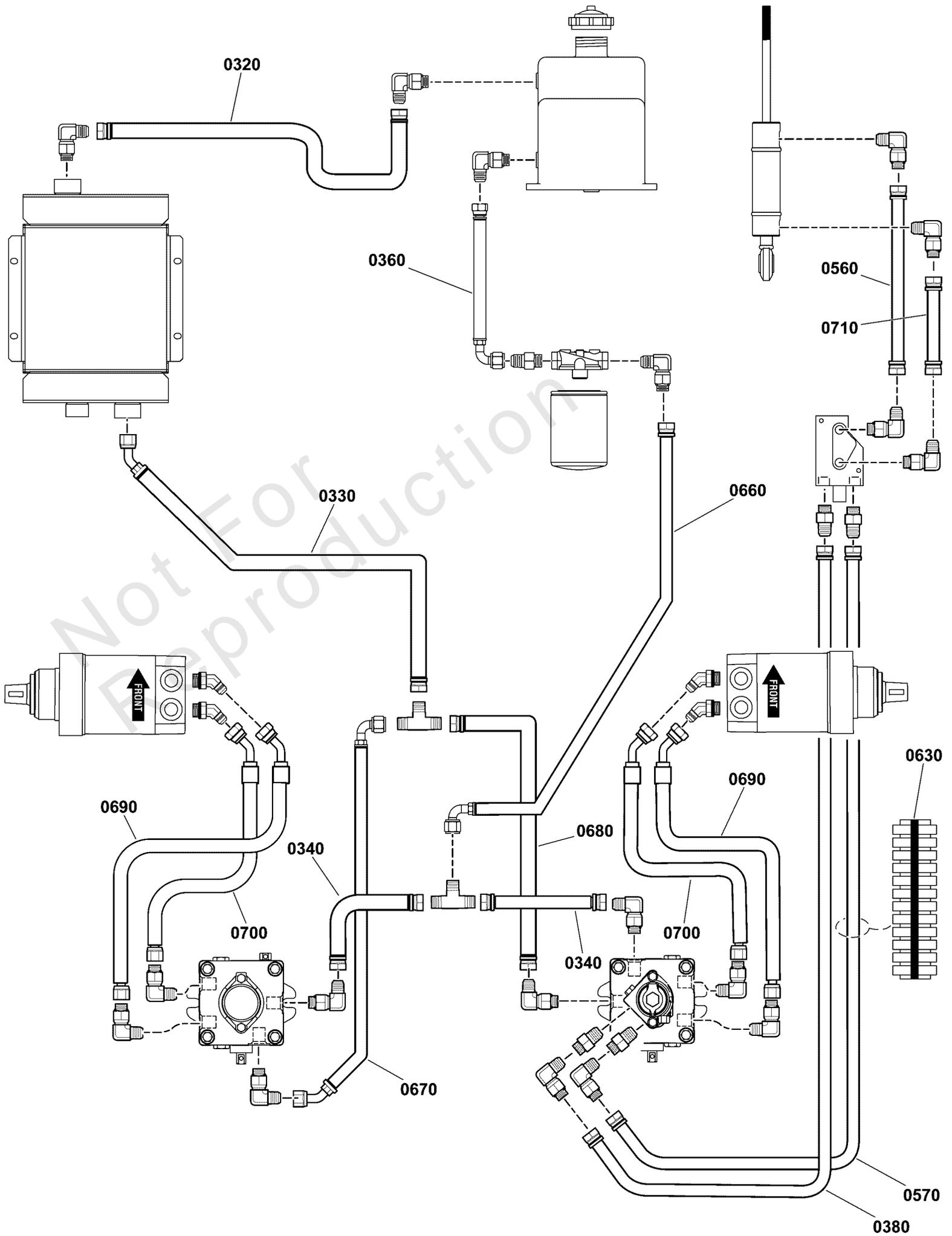
| REF NO | PART NO    | QTY | DESCRIPTION                              |
|--------|------------|-----|--|
| 0010   | 5020986    | 1   | PLUG, 1/2" NPT, SQUARE HEAD              |
| 0020   | 5021029    | 11  | TIE, SELF-LOCKING, 12"                   |
| 0030   | 5021356    | 1   | FILTER HEAD                              |
| 0040   | 5021357X1  | 1   | FILTER, HYDRAULIC, SERVICE PART (PKG)    |
| 0050   | 5109695    | 1   | COOLER, OIL, AKG, IS6200                 |
| 0060   | 5022437    | 1   | CAP, Hydraulic Reservoir                 |
| 0070   | 5022599    | 8   | FITTING, #8 JIC - #8 O-RING, 90 DEG.     |
| 0080   | 5022601    | 1   | FITTING, #8 JIC - 1/2" NPT, STRAIGHT     |
| 0090   | 5022604    | 2   | FITTING, TEE, JIC #8                     |
| 0100   | 5022709    | 4   | FITTING, #8 JIC - #10 O-RING, 45 DEG.    |
| 0110   | 5109406    | 1   | PUMP, HYDRO-GEAR, PW-1GCC-EY1X-XXXX      |
| 0120   | 5025098    | 4   | NUT, Hex, Nylon Lock, 1/2-20             |
| 0130   | 5025154    | 13  | WASHER, 1/4 SAE                          |
| 0140   | 5025155    | 9   | WASHER, 5/16" SAE                        |
| 0150   | 5025169    | 2   | WASHER, 1/4 LOCK                         |
| 0160   | 5025391    | 9   | NUT, 1/4-20 Hex Nylock Flange            |
| 0170   | 5025392    | 9   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT       |
| 0180   | 5025394    | 4   | NUT, 3/8 - 16 HEX NYLOCK FLANGE          |
| 0190   | 5025401    | 4   | WASHER, 3/8" USS                         |
| 0200   | 5044913    | 4   | WASHER, .53 X 1.50 X .25                 |
| 0210   | 5044959    | 4   | SPACER, .38 x .50 x 1.00                 |
| 0220   | 5045872    | 1   | HYDRAULIC OIL RESERVOIR                  |
| 0240   | 5100311    | 3   | HYDRALIC FITTING, MALE ELBOW             |
| 0250   | 5109407    | 1   | PUMP, HYDRO-GEAR, PW-1KCC-JY1, DECK LIFT |
| 0260   | 5102933    | 4   | FITTING, 90DEG, #6 JIC TO #6 ORING MALE  |
| 0270   | 5102939    | 2   | FITTING, STR, #6JIC TO #4 ORING, MALE    |
| 0280   | 5102944    | 2   | FITTING, 90DEG, #6 JIC MALE-#6JIC SWIVEL |
| 0290   | 5103762    | 2   | FITTING, #6 jic-#8 O-RING, STRAIGHT      |
| 0390   | 5025010X6  | 8   | BOLT, 1/4"-20 X 3/4" GD5 YZ              |
| 0400   | 5025010X8  | 3   | BOLT, 1/4-20 X 1" GD5 CZ                 |
| 0410   | 5025011X8  | 9   | BOLT, 5/16-18 X 1" GRD5 YZ               |
| 0420   | 5025013X14 | 4   | BOLT, 3/8-16 X 1-3/4" GD5 CZ             |
| 0430   | 5025018X14 | 4   | BOLT, 1/2-20 X 1-3/4" GD8 CZ             |
| 0460   | 5421011B   | 1   | MOUNT, OIL FILTER - RED                  |
| 0470   | 5103578    | 1   | VALVE. HYD, MECH, IS5100 DECK LIFT       |
| 0480   | 5103353    | 1   | CYL, HYD, 1.5 BORE X 5.5 STROKE          |
| 0530   | 5109120    | 1   | WHEEL MOTOR, PARKER TG0335LB080AANG - LH |
| 0540   | 5109121    | 1   | WHEEL MOTOR, PARKER TG0335LB081AANG - RH |
| 0550   | 5421770B   | 1   | PLATE, VALVE MOUNT, IS6200 - RED         |
| 0620   | 5025010X16 | 2   | BOLT, 1/4-20 X 2", GD5                   |
| 0640   | 5021500    | 4   | CLAMP, VINYL INSULATED, 1.00             |
| 0740   | 5109707    | 2   | FITTING, JIC 8 X SAE 12 MALE, 90 DEGREE  |
| 0750   | 5109780    | 1   | PLUG, #8 SAE ORB                         |
| 0780   | 5022665    | 2   | BODY CLIP, 1/4-20 X 1/2" DEEP            |
| 0800   | 5023263    | 1   | CLAMP, VINYL INSULATED, 1.75             |
| 0810   | 5421795AA  | 1   | PLATE, HYDRAULIC HOSE TRAY - BLK         |

# Hydraulic Group - Hoses and Loom

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

Parts without callouts are identified in Hydraulic Group - Components



## Hydraulic Group - Hoses and Loom

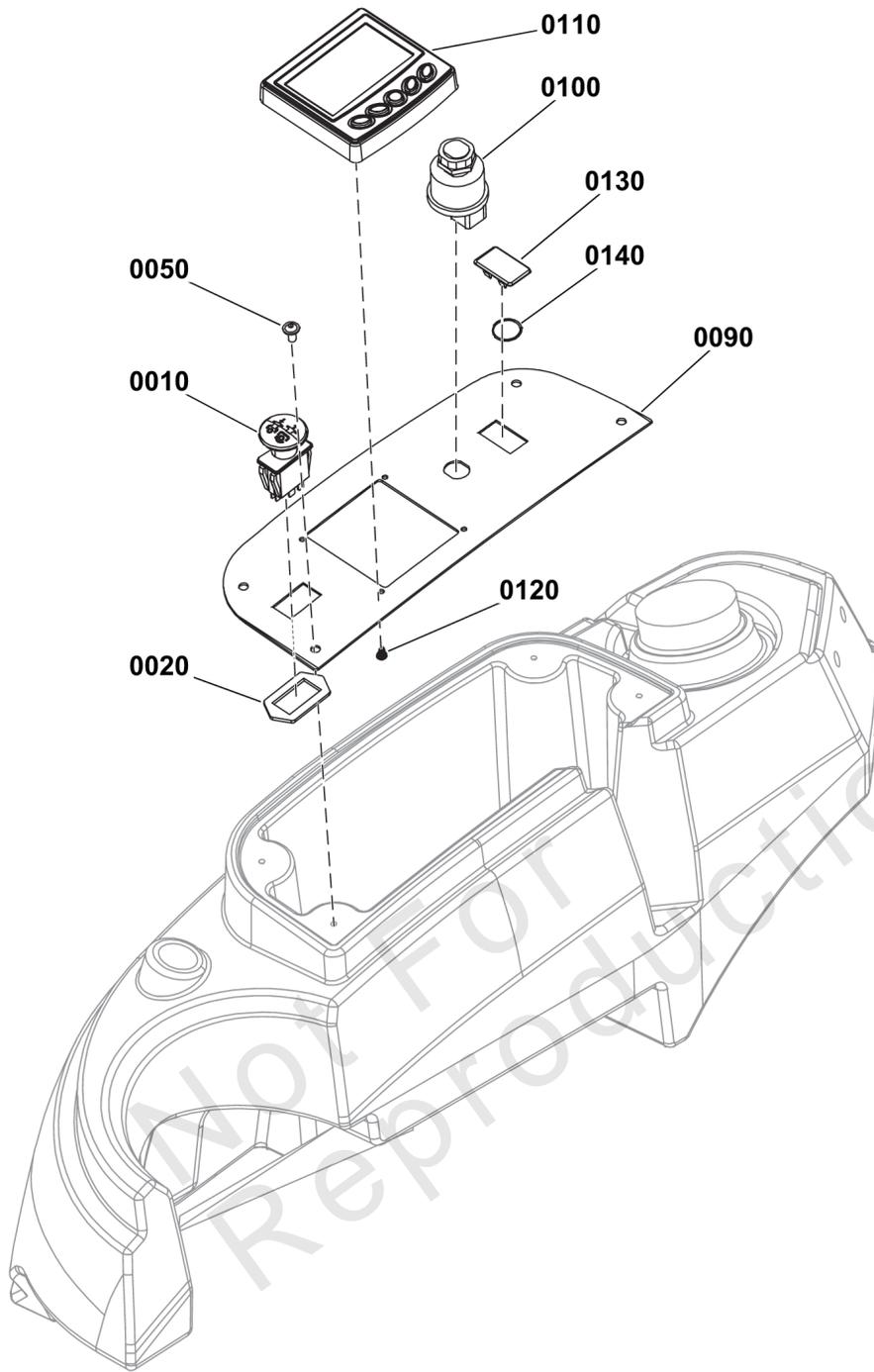
| REF NO | PART NO    | QTY | DESCRIPTION                           |
|--------|------------|-----|---------------------------------------|
| 0320   | 5421112    | 1   | HOSE ASSEMBLY, LP, (45), ST X ST      |
| 0330   | 5421113    | 1   | HOSE ASSEMBLY, LP, (22), ST X 45      |
| 0340   | 5420922    | 2   | HOSE ASSEMBLY, LP, (10.5), ST X ST    |
| 0360   | 5420923    | 1   | HOSE ASSEMBLY, LP, (7.5), ST X 90     |
| 0380   | 5407753    | 1   | HOSE ASSEMBLY (36.5) LP, ST & ST ENDS |
| 0560   | 5102935    | 1   | HOSE ASM, 28", IS5100 DECK LIFT       |
| 0570   | 5103801    | 1   | HOSE, ASM, 36", IS5100 DECK LIFT      |
| 0630   | 5050861X34 | 1   | WIRE LOOM, 5/8 ID X 34 IN             |
| 0660   | 5421379    | 1   | HOSE ASSEMBLY, LP, (26) , ST X 90     |
| 0670   | 5421380    | 1   | HOSE ASSEMBLY, LP, (9.5), 45 X 90     |
| 0680   | 5421381    | 1   | HOSE ASSEMBLY, LP, (18), ST X ST      |
| 0690   | 5109639    | 2   | HYD HOSE ASM, 31"                     |
| 0700   | 5109640    | 2   | HYD HOSE ASM, 24.75"                  |
| 0710   | 5409076    | 1   | HOSE ASSEMBLY (20.5) LP, ST & ST END  |

Not For Reproduction

# Instrument Control Panel Group

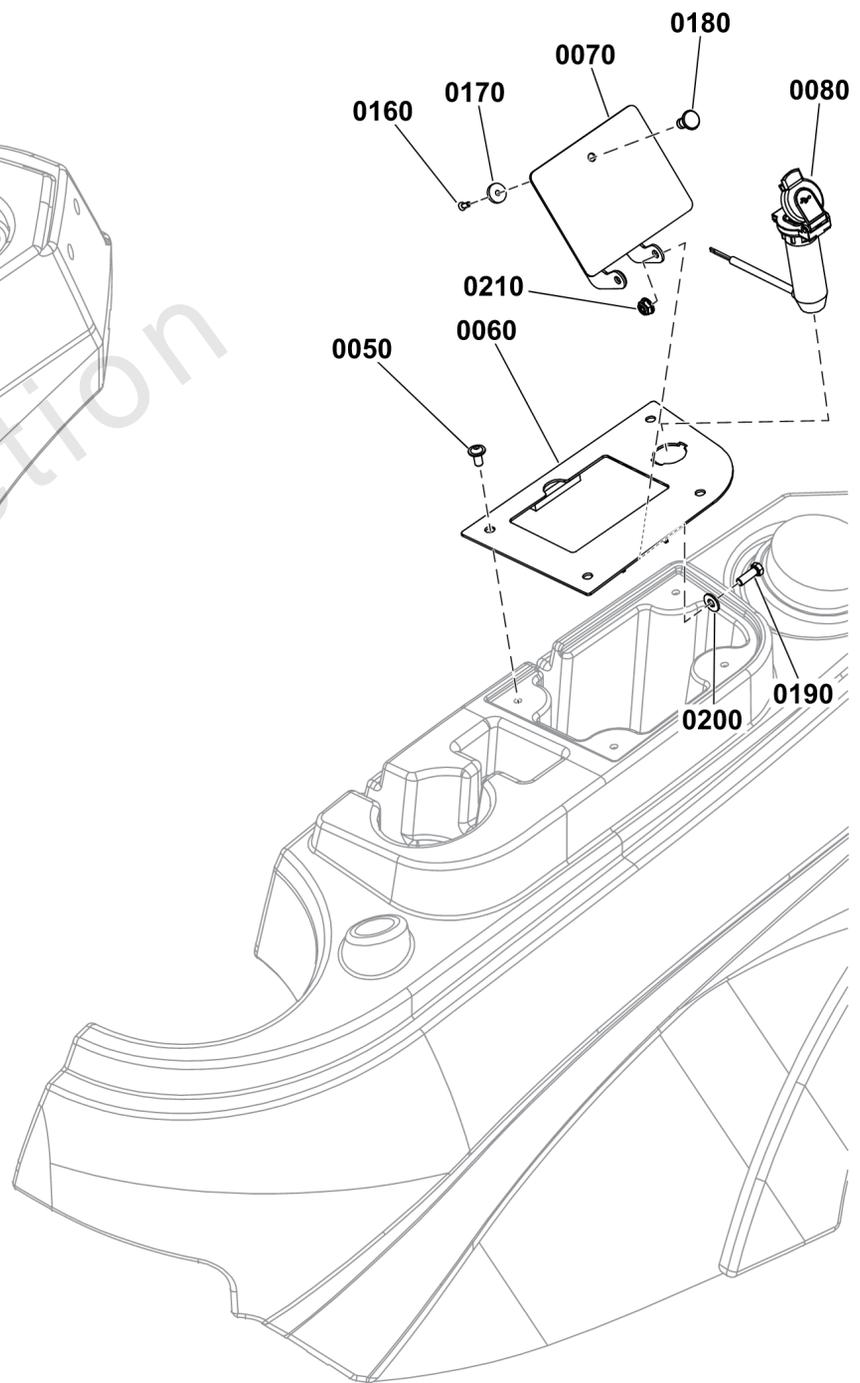
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Key Switch Replacement Parts

### 0100-10 - Key Set, Ignition Switch



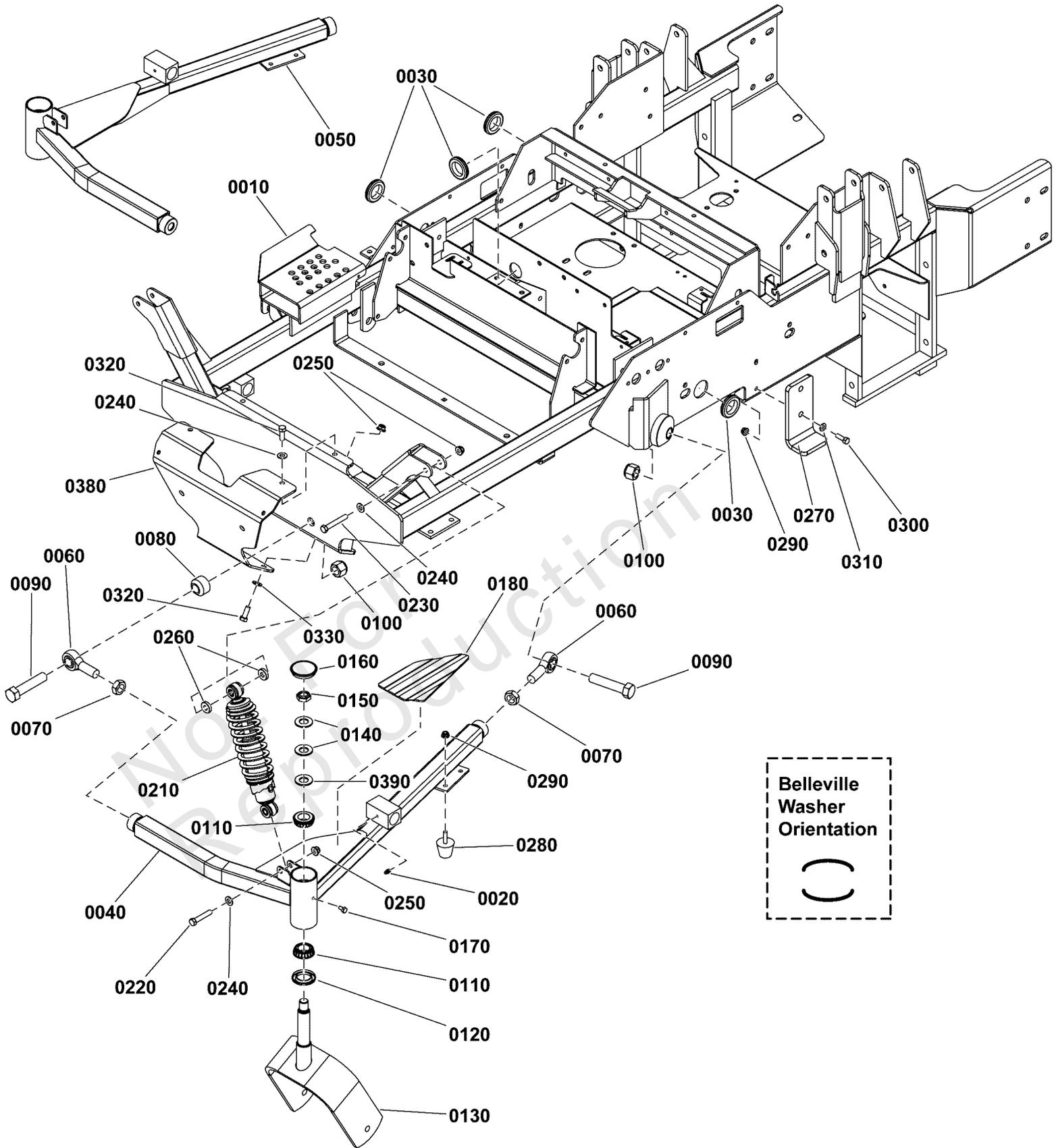
## Instrument Control Panel Group

| REF NO  | PART NO     | QTY | DESCRIPTION                                   |
|---------|-------------|-----|---|
| 0010    | 1722887SM   | 1   | SWITCH-PTO PUSH                               |
| 0020    | 5022222SM   | 1   | RING, SWITCH RETAINER                         |
| 0050    | 84002228    | 8   | SCREW, FLANGE                                 |
| 0060    | 84011529    | 1   | PANEL, Left                                   |
| 0070    | 5421824AAFS | 1   | LID   |
| 0080    | 84008798    | 1   | USB Port                                      |
| 0090    | 5420860AAFS | 1   | PANEL, CONTROL                                |
| 0100    | 5102962FS   | 1   | SWITCH, Ignition                              |
| 0100-10 | 5102962X1   | 1   | KEY SET, Ignition Switch, 3 position (SV)     |
| 0110    | 5109122FS   | 1   | DISPLAY<br>-(Includes item #0120 quantity 4.) |
| 0120    | -----       | 4   | SCREW #8-32 X 5/16",PH, XT TH LOCKWASHER      |
| 0130    | 1709188SM   | 1   | PLUG, BLACK PLASTIC                           |
| 0140    | 5022269SM   | 1   | O-RING, 7/8" ID X 1/1                         |
| 0160    | -----       | 1   | SCREW, #6-32 X 3/8, FH, PHILLIPS              |
| 0170    | -----       | 1   | MAGNET, 6200 COMPARTMENT                      |
| 0180    | 84011528    | 1   | KNOB<br>-(Includes items #0160 and 0170.)     |
| 0190    | 703818      | 2   | CAPSCREW, 1/4-20X0.5                          |
| 0200    | 84007033    | 2   | WASHER  |
| 0210    | 5025391FS   | 2   | NUT   |

# Main Frame and Front Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Main Frame and Front Suspension Group

| REF NO | PART NO    | QTY | DESCRIPTION                                   |
|--------|------------|-----|---|
| 0010   | -----      | 1   | WELD, MAIN FRAME, IS6200Z - RED               |
| 0020   | 5020095    | 3   | GREASE FITTING, 1/4-28 Straight               |
| 0030   | 5021397    | 4   | GROMMET, 1-1/4"                               |
| 0040   | 5420823B   | 1   | WELD, SUSPENSION ARM, LH, IS6200 - RED        |
| 0045   | 84011126   | 1   | RACE, Bearing<br>-(Not illustrated)           |
| 0050   | 5420824B   | 1   | WELD, SUSPENSION ARM, RH, IS6200 - RED        |
| 0060   | 5108795    | 4   | BALL JOINT, 3/4-16, MALE, LOADER SLOT T       |
| 0070   | 5025093    | 4   | NUT, Hex, Jam, 3/4-16                         |
| 0080   | 5046093    | 2   | SPACER, .75 X 1.50 X 1.00, CZ                 |
| 0090   | 5025265X28 | 4   | BOLT, 3/4-16 X 3-1/2" YZ GD5                  |
| 0100   | 5025284    | 4   | NUT, Hex, Nylon Lock, 3/4-16                  |
| 0110   | 5100839    | 4   | BEARING, TAPER ROLLER, 1.1417                 |
| 0120   | 5100838    | 2   | SEAL, 1.983" X 1.500 X .188                   |
| 0130   | 5421437B   | 2   | WELD, CASTER YOKE - RED                       |
| 0140   | 5025449    | 4   | WASHER, BELLEVILLE - 1.500 X .755             |
| 0150   | 5025448    | 2   | NUT, 3/4-16, HEX JAM NYLON LOCK               |
| 0160   | 5109845    | 2   | CAP, GREASE, LOW PROFILE                      |
| 0170   | 5025457    | 2   | BOLT, 1/4-28 X 1/2, GD5 YZ                    |
| 0180   | 5101003    | 1   | SAFETY WALK, IS5000Z A-ARM STEP               |
| 0210   | 5022842    | 2   | COIL-OVER SHOCK ASSEMBLY                      |
| 0220   | 80003522   | 2   | HHCS, 3/8-16 X 2.00, GR5, ZINC/CLEAR          |
| 0230   | 5025013X20 | 2   | BOLT, 3/8-16 X 2-1/2" GD5 CZ                  |
| 0240   | 5025156    | 6   | WASHER, 3/8 SAE                               |
| 0250   | 5025394    | 8   | NUT, 3/8 - 16 HEX NYLOCK FLANGE               |
| 0260   | 5108184    | 4   | SPACER, .39 X 1.00 X .24, SHOCK, ISX          |
| 0270   | 5421217B   | 2   | PLATE, REAR DECK STOP, 6200 - RED             |
| 0280   | 5022612    | 2   | BUMPER, RUBBER 5/16-18<br>-(Refer to Note: *) |
| 0290   | 5025392    | 6   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT            |
| 0300   | 5025011X8  | 4   | BOLT, 5/16-18 X 1" GRD5 YZ                    |
| 0310   | 5025155    | 4   | WASHER, 5/16" SAE                             |
| 0320   | 5025013X8  | 4   | BOLT, 3/8-16 X 1" GD5 CZ                      |
| 0330   | 5025293    | 2   | WASHER, 3/8" GR. 9 FLAT                       |
| 0380   | 5420645B   | 1   | PLATE, FRONT MOUNT, 6200 - RED                |
| 0390   | 5025160    | 2   | WASHER, 3/4 SAE                               |

### Footnotes:

Note: \*Installed in rear holes for 3-in-1 deck models.



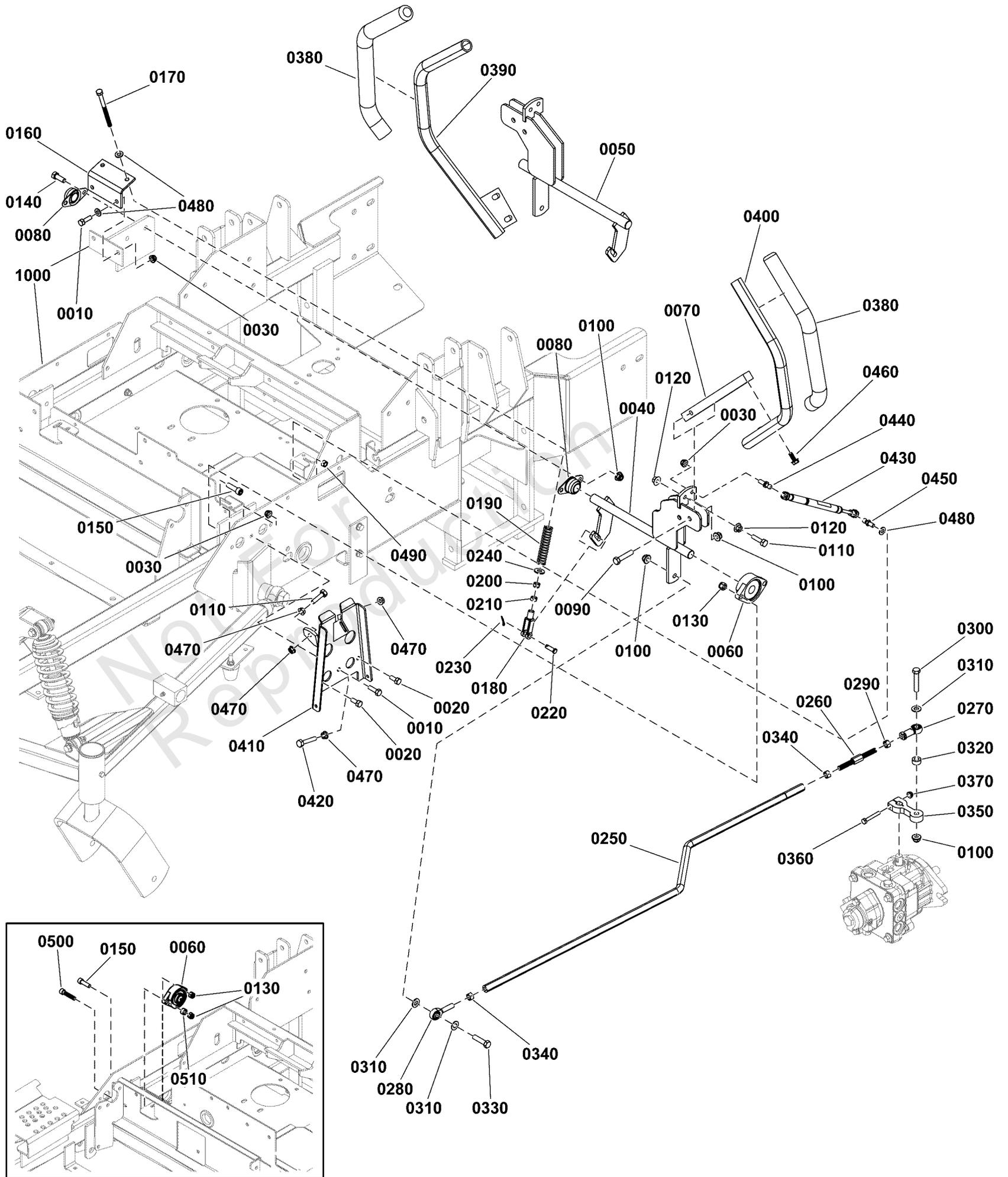
## Motion Control Group

| REF NO | PART NO    | QTY | DESCRIPTION                                |
|--------|------------|-----|--|
| 0010   | 5025011X8  | 2   | BOLT, 5/16-18 X 1" GRD5 YZ                 |
| 0020   | 5025011X6  | 4   | BOLT, 5/16-18 X 3/4 GD5                    |
| 0030   | 5025392    | 8   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT         |
| 0040   | 5421506AA  | 1   | WELD, CONTROL SHAFT, LH, 6200 - BLK        |
| 0050   | 5421507AA  | 1   | WELD, CONTROL SHAFT, RH, 6200 - BLK        |
| 0060   | 5021499    | 2   | BEARING, FLANGE                            |
| 0070   | 5103106AA  | 2   | MOUNT, CONTROL ARM - BLK                   |
| 0080   | 5021098    | 2   | BEARING, BRONZE FLANGE, 3/4"               |
| 0090   | 5025013X14 | 4   | BOLT, 3/8-16 X 1-3/4" GD5 CZ               |
| 0100   | 5025394    | 10  | NUT, 3/8 - 16 HEX NYLOCK FLANGE            |
| 0110   | 5025055X10 | 4   | BOLT, 5/16-18 X 1-1/4 GD5 TFL, CZ          |
| 0120   | 5025139    | 4   | NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)   |
| 0130   | 5025096    | 4   | NUT, 3/8-16 HEX NYLON LOCK                 |
| 0140   | 5025013X8  | 2   | BOLT, 3/8-16 X 1" GD5 CZ                   |
| 0150   | 5025327    | 2   | BOLT, Allen Head, 3/8-16 x 1-1/4           |
| 0160   | 5421511B   | 1   | PLATE, RETURN TO NEUTRAL, 6200 - RED       |
| 0170   | 5047137    | 2   | BOLT, 5/16-24 X 4.25" GD5 YZ               |
| 0180   | 5023323    | 2   | CLEVIS, 5/16-24, STEEL, CLEAR ZINC         |
| 0190   | 5022645    | 2   | SPRING, REVERSE RETURN                     |
| 0200   | 5025045    | 2   | NUT, 5/16-24 HEX NYLON LOCK                |
| 0210   | 5025033    | 2   | NUT, Hex, 5/16-24                          |
| 0220   | 5025213X8  | 2   | PIN, CLEVIS, 5/16 X 1, PLATED              |
| 0230   | 80002736   | 2   | PIN, 3/32 X 0.750, COT, ZINC/CLEAR         |
| 0240   | 5025337    | 2   | WASHER, 5/16" USS                          |
| 0250   | 5421633AA  | 2   | CONTROL ROD, IS6200 - BLK                  |
| 0260   | 5046534    | 2   | LINK, Neutral Adjust-Short                 |
| 0270   | 5022392    | 2   | BALL JOINT, 3/8-24 LH, Female              |
| 0280   | 5021124    | 2   | BALL JOINT, 3/8-24 Male                    |
| 0290   | 5025317    | 2   | NUT, 3/8-24 Hex, LH                        |
| 0300   | 80003522   | 2   | HHCS, 3/8-16 X 2.00, GR5, ZINC/CLEAR       |
| 0310   | 5025156    | 6   | WASHER, 3/8 SAE                            |
| 0320   | 5044933    | 2   | SPACER, .39 X .75 X .38, PM, CZ            |
| 0330   | 5025013X12 | 2   | BOLT, 3/8-16 X 1-1/2" GD5 CZ               |
| 0340   | 5025035SM  | 4   | NUT (3/8-24 HEX)                           |
| 0350   | 5045863    | 2   | ARM, PUMP CONTROL (21 SERIES)              |
| 0360   | 5025010X14 | 2   | BOLT, 1/4 X 20 X 1-3/4 GD5 YZ              |
| 0370   | 5025391    | 2   | NUT, 1/4-20 Hex Nylock Flange              |
| 0380   | 5104722    | 2   | GRIP, FOAM, 1" ID, 16" LONG                |
| 0390   | 5415052AA  | 1   | WELD,HANDLE MOTION CNTRL-15.3,1.0,RH,BLK   |
| 0400   | 5415051AA  | 1   | WELD,HANDLE MOTION CNTRL-15.3,1.0,LH,BLK   |
| 0410   | 5421134AA  | 2   | WELD, PLATE, NEUTRAL CONTROL, 6200 - BLK   |
| 0420   | 5025055X14 | 2   | BOLT, 5/16-18 X 1-3/4 TFL, GD5 YZ          |
| 0430   | 5100940    | 2   | DAMPENER, CONTROL,#(P6709/P3610)           |
| 0440   | 5101307SM  | 2   | 10MM BALL STUD, 5/16-                      |
| 0450   | 5101307SM  | 2   | 10MM BALL STUD, 5/16-                      |
| 0460   | 80003531   | 4   | SCREW, 5/16-18x0.750, GR5, WHIZ-LOCK, ZC   |
| 0470   | 5025127    | 8   | NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)   |
| 0480   | 5025155    | 4   | WASHER, 5/16" SAE                          |
| 0490   | 80003675   | 2   | NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL |
| 0500   | 5025478    | 2   | BOLT, 3/8-16 X 1-3/4, SHCS, YZ             |
| 0510   | 5105297    | 2   | SPACER, .39 X .63 X .375M DOM CZ           |

# Motion Control Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## ***Motion Control Group***

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| <b>REF NO</b> | <b>PART NO</b> | <b>QTY</b> | <b>DESCRIPTION</b>                            |
|---------------|----------------|------------|---|
| 1000          | -----          | 0          | Refer to: Main Frame & Front Suspension Group |

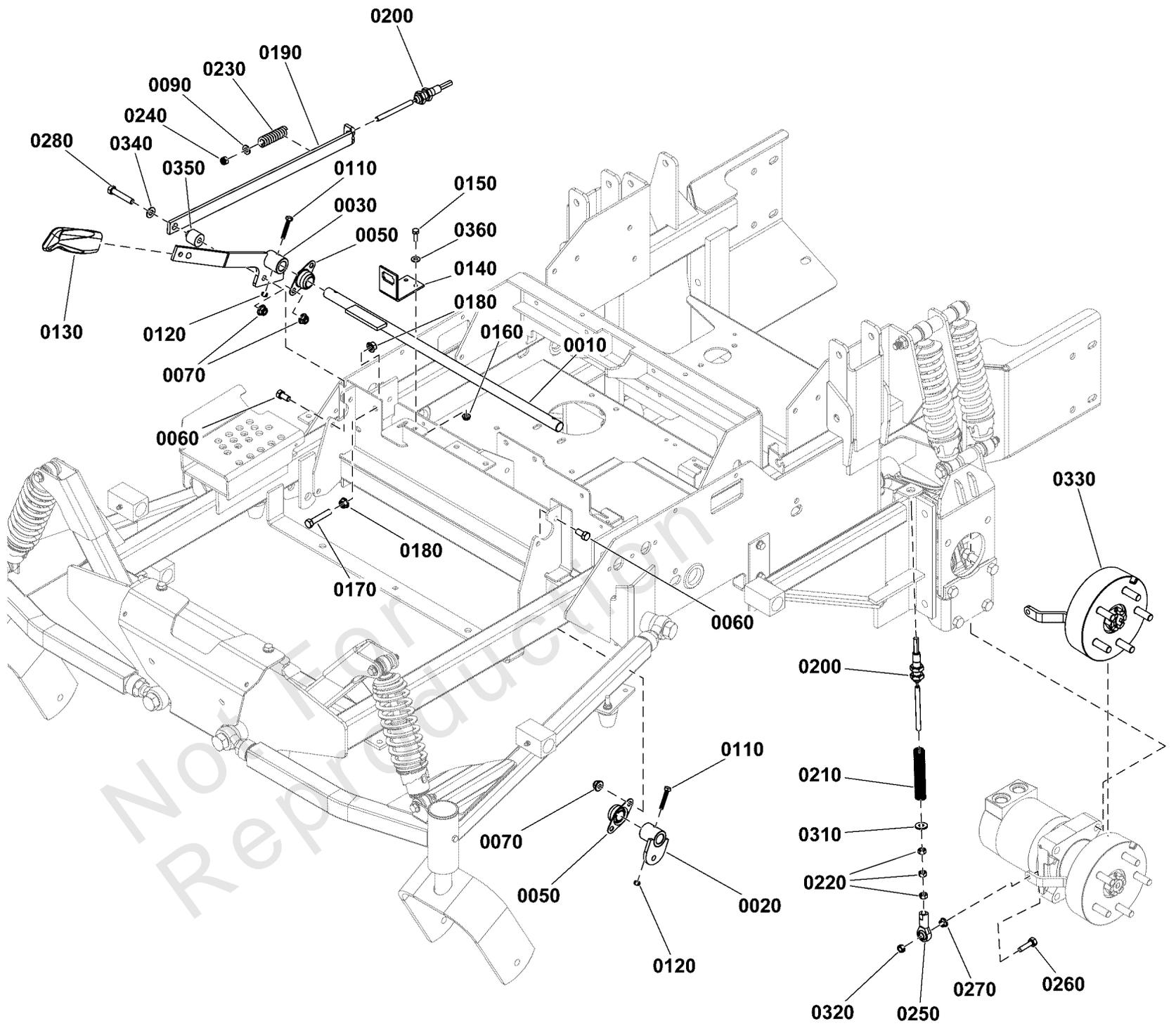
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Not For Reproduction

# Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



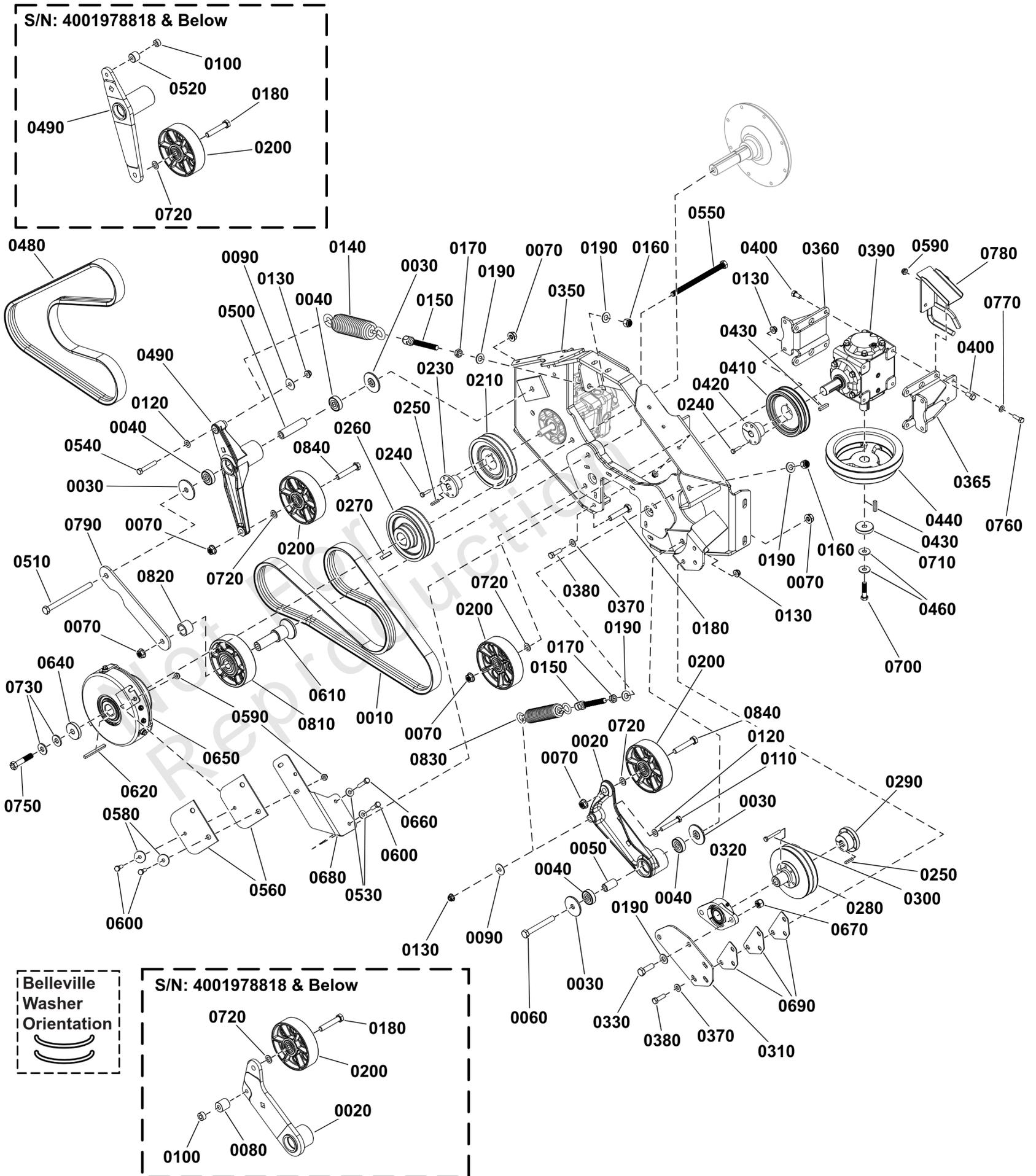
## Parking Brake Group

| REF NO | PART NO    | QTY | DESCRIPTION                                |
|--------|------------|-----|--|
| 0010   | 5400739AA  | 1   | WELD, SHAFT BRAKE LEVER - BLK              |
| 0020   | 5045618AA  | 1   | PIVOT, LINKAGE MOUNT WELDMENT - BLK        |
| 0030   | 5420867AA  | 1   | WELD, PIVOT HANDLE MOUNT - BLK             |
| 0050   | 5021098    | 2   | BEARING, BRONZE FLANGE, 3/4"               |
| 0060   | 5025013X6  | 4   | BOLT, 3/8-16 X 3/4" GD5 CZ                 |
| 0070   | 5025394    | 6   | NUT, 3/8 - 16 HEX NYLOCK FLANGE            |
| 0090   | 5025155    | 2   | WASHER, 5/16" SAE                          |
| 0110   | 5025010X12 | 2   | BOLT, 1/4-20 X 1-1/2 GD5 CZ                |
| 0120   | 5025287    | 2   | NUT, Hex, Side Locking, 1/4-20             |
| 0130   | 5100171    | 1   | GRIP, BLACK FLEXIBLE                       |
| 0140   | 5400726B   | 1   | BRACKET, SWITCH MOUNT - RED                |
| 0150   | 5025010X6  | 2   | BOLT, 1/4"-20 X 3/4" GD5 YZ                |
| 0160   | 5025126    | 2   | NUT, 1/4-20 HEX SERR. FLANGE               |
| 0170   | 5025058X16 | 1   | BOLT, 3/8-16 X 2" GD5 TFL CZ               |
| 0180   | 5025128    | 2   | NUT, 3/8-16 Hex Large Serrated Flange      |
| 0190   | 5420869AA  | 2   | BRAKE, CABLE LINK - BLK                    |
| 0200   | 5023324    | 2   | CABLE, PARKING BRAKE                       |
| 0210   | 5023320    | 2   | SPRING-COMP, .615ID X 4.00LG X .080WR      |
| 0220   | 5025033    | 6   | NUT, Hex, 5/16-24                          |
| 0230   | 5022361    | 2   | SPRING-COMP, .428IDX2.50LGX.154WR, BZ      |
| 0240   | 5025045    | 2   | NUT, 5/16-24 HEX NYLON LOCK                |
| 0250   | 5104493    | 2   | BALL JOINT 5/16-24 RH FEMALE BRONZE RACE   |
| 0260   | 5025055X10 | 2   | BOLT, 5/16-18 X 1-1/4 GD5 TFL, CZ          |
| 0270   | 5025127    | 2   | NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)   |
| 0280   | 80003522   | 2   | HHCS, 3/8-16 X 2.00, GR5, ZINC/CLEAR       |
| 0310   | 5025337    | 2   | WASHER, 5/16" USS                          |
| 0320   | 80003675   | 2   | NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL |
| 0330   | 5109130    | 2   | BRAKE KIT, PARKER WHEEL MOTOR, 490151X4F   |
| 0340   | 5025156    | 2   | WASHER, 3/8 SAE                            |
| 0350   | 5109480    | 2   | SPACER, .390 X 1.00 X 1.16, SHLDR, CZ      |
| 0360   | 5025154    | 2   | WASHER, 1/4 SAE                            |

# Pump Drive Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



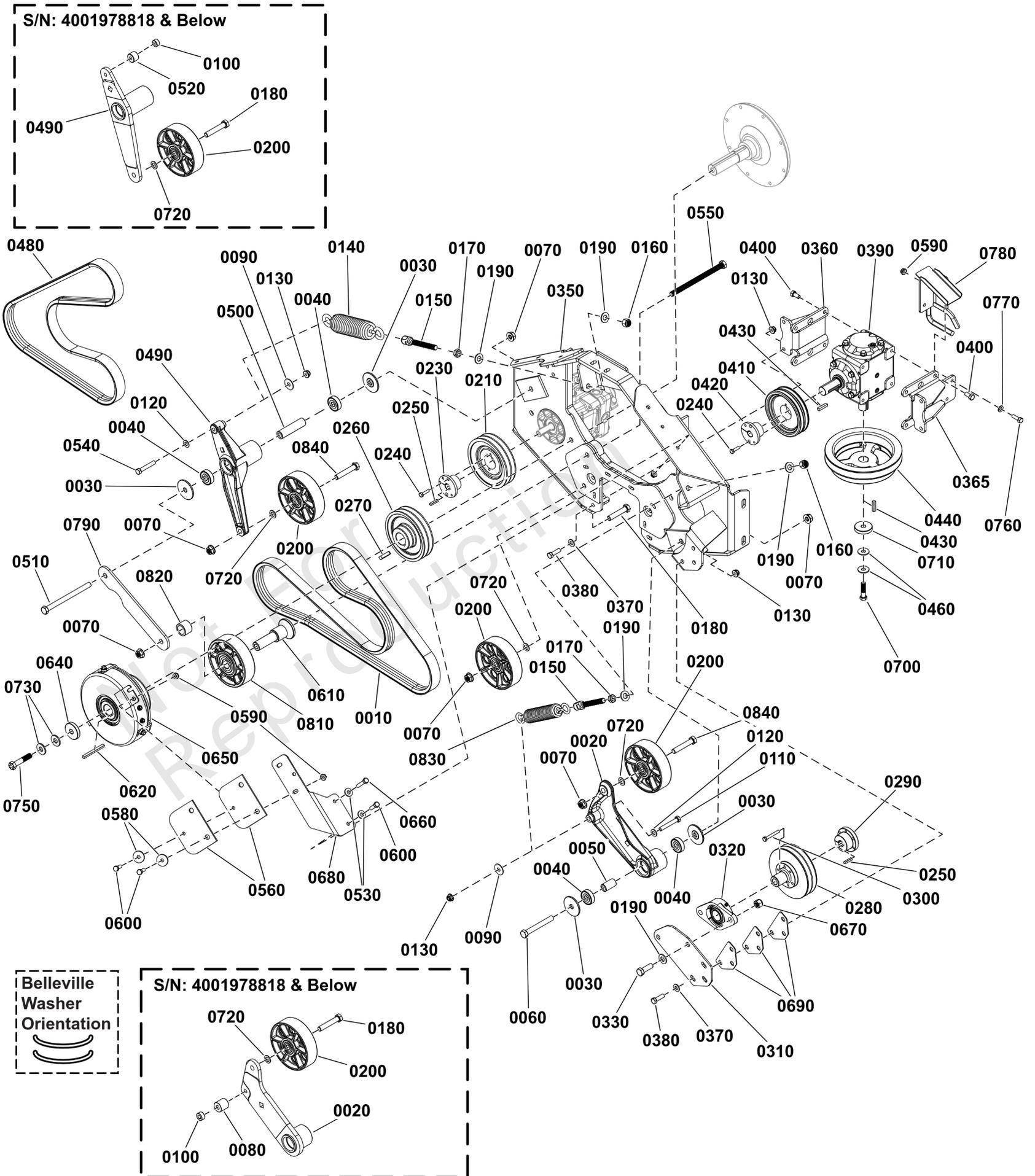
## Pump Drive Group

| REF NO | PART NO    | QTY | DESCRIPTION   |
|--------|------------|-----|---|
| 0010   | 5109147    | 1   | BELT, A SECT, BANDED, 87.16" EF, ARAMID                                 |
| 0020   | 5109684AA  | 1   | WELD, IDLER ARM, 6200 - BLK<br>-(S/N: 4001978818 & Below)               |
| 0020   | 84012944   | 1   | ARM, Idler<br>-(S/N: 4001978819 & Above)                                |
| 0030   | 5104379    | 4   | SPACER, IDLER ARM, 1/2 X 2.25   |
| 0040   | 5104383    | 4   | BEARING, 6203-1/2", SEALED  |
| 0050   | 5108524    | 1   | SPACER, .51 X .84 X 1.48  |
| 0060   | 5025017X32 | 1   | BOLT, 1/2-13 X 4" GD5 CZ  |
| 0070   | 5101927    | 6   | NUT, 1/2-13 HEX NYLOCK FLANGE GR8, YZ                                   |
| 0080   | 5100896    | 1   | SPACER, .390 X 1.00 X 1.00 - YZ<br>-(S/N: 4001978818 & Below)           |
| 0090   | 5025165    | 2   | WASHER, 3/8" Fender   |
| 0100   | 5044933    | 2   | SPACER, .39 X .75 X .38, PM, CZ<br>-(S/N: 4001978818 & Below)           |
| 0110   | 5025013X20 | 1   | BOLT, 3/8-16 X 2-1/2" GD5 CZ  |
| 0120   | 5025156    | 2   | WASHER, 3/8 SAE   |
| 0130   | 5025394    | 9   | NUT, 3/8 - 16 HEX NYLOCK FLANGE   |
| 0140   | 5104996    | 1   | SPRING, DECK, SRSZ1   |
| 0150   | 5105844    | 2   | SPRING PULLER, 1/2-20, 5.00   |
| 0160   | 5025098    | 2   | NUT, Hex, Nylon Lock, 1/2-20  |
| 0170   | 5025089    | 2   | NUT, 1/2-20 Hex Jam   |
| 0180   | 5025017X20 | 1   | BOLT, 1/2-13 X 2-1/2" GD5 CZ<br>-(Qty: 3 - S/N: 4001978818 & Below)     |
| 0190   | 5025158    | 6   | WASHER, 1/2 SAE   |
| 0200   | 5109851    | 3   | PULLEY, IDL, 5.50, CI, OFFSET 2 BEARING<br>-(S/N: 4001978818 & Below)   |
| 0200   | 5109015    | 3   | PULLEY, IDLER, 5.50, CI, OFFSET 2 BEARING<br>-(S/N: 4001978819 & Above) |
| 0210   | 5022382    | 1   | PULLEY, 5.75 OD X 2 GROOVE  |
| 0230   | 5022383    | 1   | BUSHING, Tapered Hub  |
| 0240   | 5025010X8  | 4   | BOLT, 1/4-20 X 1" GD5 CZ  |
| 0250   | 5023254    | 2   | KEY, 5MM SQ. x 25MM w/ Round Ends                                       |
| 0260   | 5103693    | 1   | PULLEY, 5.75" OD X 1.375" BORE, DOUBLE A                                |
| 0270   | 5025591    | 1   | KEY, 5/16" SQ RD ENDS, 1.46 LG  |
| 0280   | 5109030    | 1   | PULLEY, 5.75 OD, A SEC, 2 V, 17MM BORE                                  |
| 0290   | 5109455    | 1   | TAPER LOCK, SH X 17MM   |
| 0300   | 5025664    | 3   | BOLT, HEX, 1/4-20 X 2" TFL, GRADE 5, CZ                                 |
| 0310   | 5420740B   | 1   | MOUNT, SELF ALIGNING BEARING - RED                                      |
| 0320   | 5109131    | 1   | BEARING, 2 BOLT FLANGE, 1.187" ID                                       |
| 0330   | 5025017X12 | 2   | BOLT, 1/2-13 X 1-1/2 GD5 CZ   |
| 0350   | 5421616B   | 1   | WELD, PUMP PLATE, IS6200 - RED  |
| 0360   | 5421611B   | 1   | WELD, GEAR BOX MNT, RH, IS6200 - RED                                    |
| 0365   | 5421628B   | 1   | WELD, GEAR BOX MNT, LH, IS6200 - RED                                    |
| 0370   | 5025293    | 7   | WASHER, 3/8" GR. 9 FLAT   |
| 0380   | 5025013X10 | 7   | BOLT, 3/8-16 X 1-1/4" GD5 CZ  |
| 0390   | 5109124    | 1   | GEARBOX, RIGHT ANGLE, 215 SPECIAL, IS6200                               |
| 0400   | 5025443    | 8   | BOLT, 3/8-16 X 3/4, PLT W/PATCH   |
| 0410   | 5022908    | 1   | PULLEY, Gearbox Input   |
| 0420   | 5020819    | 1   | BUSHING, Tapered Hub  |
| 0430   | 5050407X10 | 2   | KEY, 1/4" SQ. X 1-1/4   |
| 0440   | 5108917    | 1   | PULLEY, 8.125OD, B-SEC, OFFSET V, 1" BORE                               |
| 0460   | 5025585    | 2   | BELLEVILLE WASHER, 1.1875 X .442 X .098                                 |

# Pump Drive Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



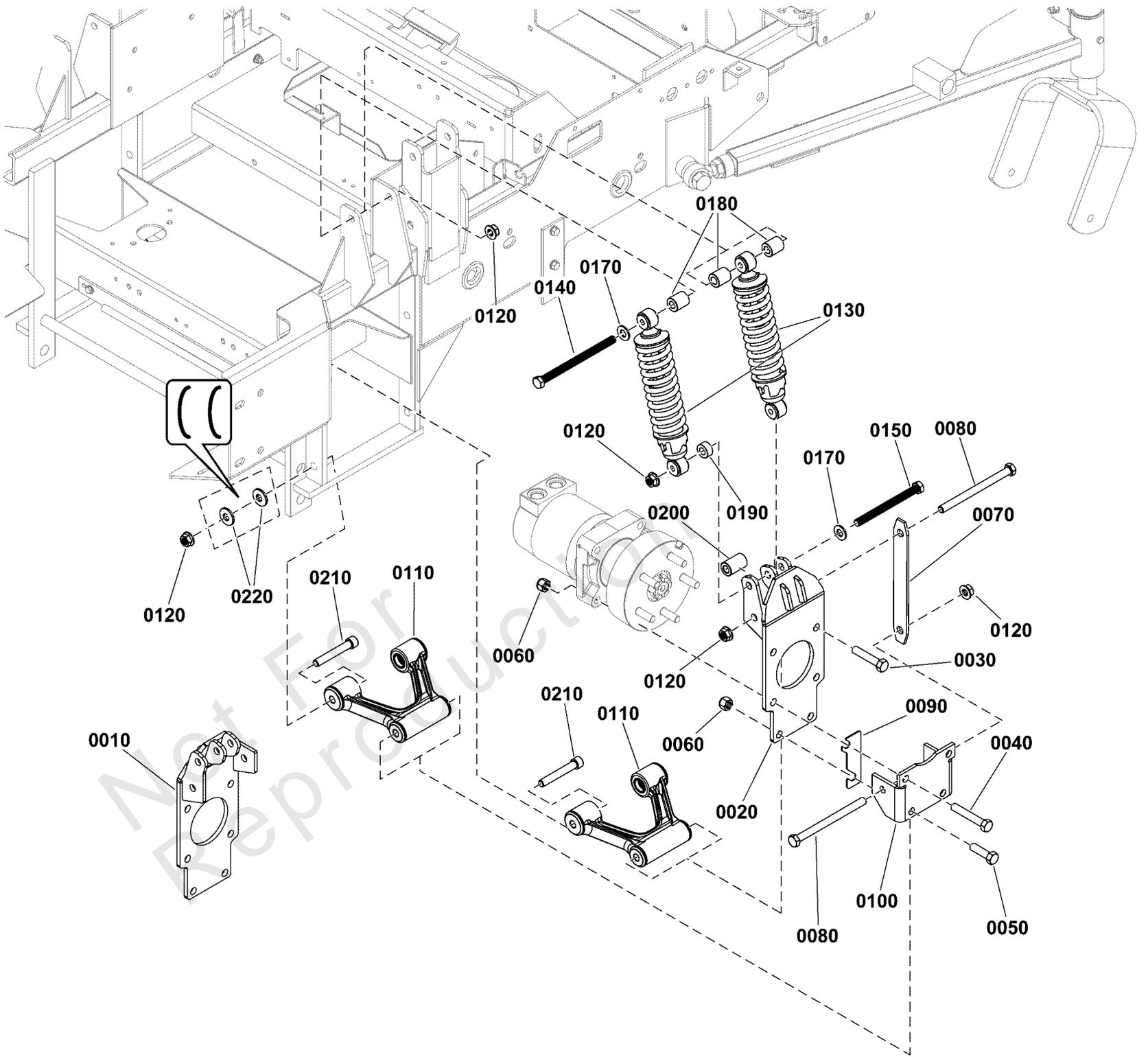
## Pump Drive Group

| REF NO | PART NO    | QTY | DESCRIPTION  |
|--------|------------|-----|--|
| 0480   | 5109171    | 1   | BELT, A-SEC, BANDED, 69.79 EF, ARAMID                            |
| 0490   | 5109644AA  | 1   | WELD, IDLER ARM, DECK DRIVE - BLK<br>-(S/N: 4001978818 & Below)  |
| 0490   | 84012943   | 1   | ARM, Idler<br>-(S/N: 4001978819 & Above)                         |
| 0500   | 5108471    | 1   | SPACER, .51 X .88 X 3.441  |
| 0510   | 5025488X52 | 1   | BOLT, 1/2-13 X 6-1/2" GD8 YZ                                     |
| 0520   | 5043815    | 1   | SPACER, .39 X 1.00 X .75, CZ<br>-(S/N: 4001978818 & Below)       |
| 0530   | 5025337    | 2   | WASHER, 5/16" USS  |
| 0540   | 5025013X18 | 1   | BOLT, 3/8-16 X 2-1/4" GD5 CZ                                     |
| 0550   | 5025488X60 | 1   | BOLT, 1/2-13 X 7-1/2 GD8, CZ                                     |
| 0560   | 5043636    | 2   | CLUTCH ANCHOR PAD  |
| 0580   | 5044617    | 3   | WASHER, .34 X 1.25 X 10 GA                                       |
| 0590   | 5025392    | 7   | NUT, 5/16-18 HEX NYLOCK FLANGE NUT                               |
| 0600   | 5025011X9  | 4   | BOLT, 5/16-18 X 1-1/8 GD5 CZ                                     |
| 0610   | 5109154    | 1   | IDLER MOUNT, 6200  |
| 0620   | 5050407X24 | 1   | KEY, 1/4 SQ X 3  |
| 0640   | 5101524    | 1   | SPACER, .515 X 1.875 X .375                                      |
| 0650   | 5108745    | 1   | CLUTCH, 450 FT LBS, 1.250 BORE                                   |
| 0660   | 5025011X12 | 1   | BOLT, 5/16-18 X 1-1/2" GD5 YZ                                    |
| 0670   | 5025056    | 2   | NUT, 1/2-13 HEX NYLON LOCK                                       |
| 0680   | 5420022B   | 1   | ANCHOR, CLUTCH, 6200 - RED                                       |
| 0690   | 5109528    | 3   | PLATE, SHIM, BEARING MOUNT                                       |
| 0700   | 5102861    | 1   | BOLT, CRANKSHAFT, 7/16 X 1-3/4                                   |
| 0710   | 5045475    | 1   | SPACER, .45 x 1.88 x .38   |
| 0720   | 80003590   | 3   | WASHER, .516IDX.875ODX.06,FLAT,ZC/CL                             |
| 0730   | 5025523    | 2   | BELLEVILLE WASHER, 1.259 X .512 X .138 YZ                        |
| 0750   | 5109533    | 1   | BOLT, HEX, 1/2-20 X 2-1/2, GD 8, PLAIN                           |
| 0760   | 5025011X8  | 2   | BOLT, 5/16-18 X 1" GRD5 YZ                                       |
| 0770   | 5025155    | 2   | WASHER, 5/16" SAE  |
| 0780   | 5421625AA  | 1   | WELD, GEAR BOX BELT KEEP   |
| 0790   | 5421521AA  | 1   | STRAP, PULLEY SUPPORT, 6200 - BLK                                |
| 0810   | -----      | 1   | PULLEY, IDL, DBL 6305 BEARING ASSM<br>-(S/N: 4001978818 & Below) |
| 0810   | 84007970   | 1   | PULLEY, Double<br>-(S/N: 4001978819 & Above)                     |
| 0820   | 5109801    | 1   | SPACER, 1.00 X 1.375 X .969                                      |
| 0830   | 5109850    | 1   | SPRING, EXT, 9" SWIVEL HOOKS, 50 HZ                              |
| 0840   | 5025017X22 | 2   | BOLT, 1/2-13 X 2-3/4 GD5 CZ<br>-(S/N: 4001978819 & Above)        |

# Rear Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



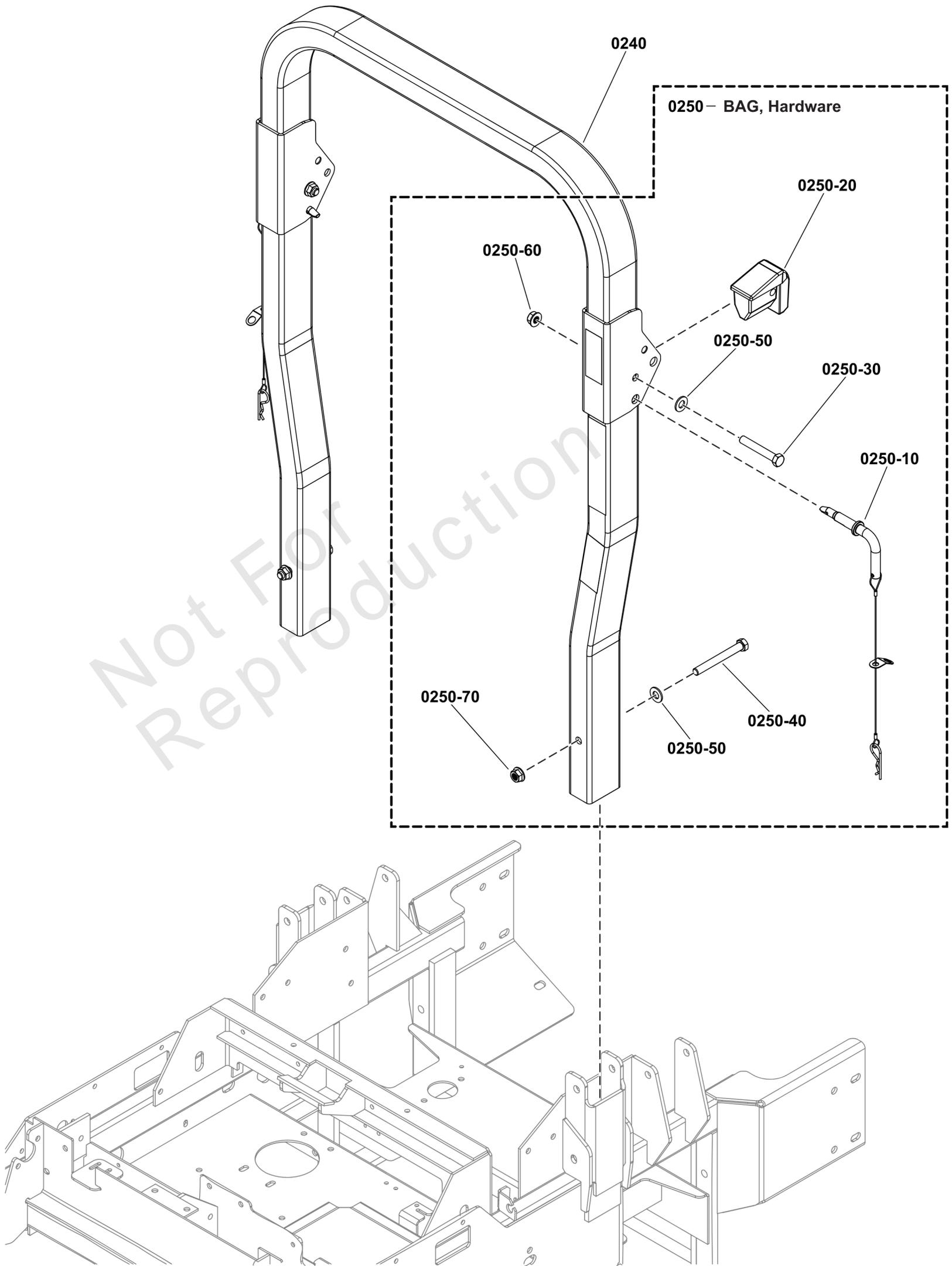
## Rear Suspension Group

| REF NO | PART NO    | QTY | DESCRIPTION   |
|--------|------------|-----|---|
| 0010   | 5419994AA  | 1   | WELD, MOTOR MOUNT, LH - BLK                                 |
| 0020   | 5419995AA  | 1   | WELD, MOTOR MOUNT, RH - BLK                                 |
| 0030   | 5025018X20 | 4   | BOLT, 1/2-20 X 2-1/2" GD5 CZ<br>-(Torque to 65 ft lbs)      |
| 0040   | 5025018X24 | 4   | BOLT, 1/2-20 X 3" GD5 YZ<br>-(Torque to 65 ft lbs)          |
| 0050   | 5025018X14 | 4   | BOLT, 1/2-20 X 1-3/4" GD8 CZ                                |
| 0060   | 5025098    | 12  | NUT, Hex, Nylon Lock, 1/2-20                                |
| 0070   | 5420968AA  | 2   | SPACER PLATE, IS6200Z - BLK                                 |
| 0080   | 5025488X52 | 4   | BOLT, 1/2-13 X 6-1/2" GD8 YZ                                |
| 0090   | 5100332    | 4   | SHIM, CAMBER - PLATED                                       |
| 0100   | 5420688AA  | 2   | MOUNT, A-ARM ADJUSTABLE - BLK                               |
| 0110   | 5101617    | 4   | ASSM, A-ARM WITH BEARINGS<br>-(Number Side Should Face Up)  |
| 0120   | 5101927    | 16  | NUT, 1/2-13 HEX NYLOCK FLANGE GR8, YZ                       |
| 0130   | 5023384    | 4   | SHOCK, REAR, IS4500   |
| 0140   | 5025488X56 | 2   | BOLT, 1/2-13 X 7.00, GD8, CZ                                |
| 0150   | 5025488X46 | 2   | BOLT, 1/2-13 X 5.75, GD8, CZ                                |
| 0170   | 5025158    | 4   | WASHER, 1/2 SAE   |
| 0180   | 5061781    | 6   | SPACER, .52 X 1.00 X 1.15                                   |
| 0190   | 5104482    | 2   | SPACER, .52 X 1.00 X .50, CZ                                |
| 0200   | 5045578    | 2   | SPACER .51 X 1.00 X 1.56                                    |
| 0210   | 5025294X26 | 8   | BOLT, 1/2-13 X 3-1/4" ALLEN HEAD<br>-(Torque to 110 ft lbs) |
| 0220   | 5025523    | 16  | BELLEVILLE WASHER, 1.259 X .512 X .138 YZ                   |

# Roll Bar Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Roll Bar Group

| REF NO  | PART NO      | QTY | DESCRIPTION   |
|---------|--------------|-----|---|
| 0240    | -----        | 1   | ROPS, IS6200, (2X3)<br>-(Refer to Note: *)              |
| 0250    | 84012841     | 1   | BAG, HARDWARE<br>-(Includes items #0250-10 to 0250-70.) |
| 0250-10 | 5108350FS    | 2   | PIN   |
| 0250-20 | -----        | 2   | STOP, Block   |
| 0250-30 | 5025017X26SM | 2   | BOLT, 1/2-13  |
| 0250-40 | -----        | 2   | BOLT, 1/2-13 X 4-1/2 GD8, CZ                            |
| 0250-50 | 5025158SM    | 4   | WASHER, 1/2" SAE  |
| 0250-60 | 5025332SM    | 2   | NUT - SIDE LOCK   |
| 0250-70 | -----        | 2   | NUT, 1/2-13, TOP LOCK FLANGE                            |

Not For  
Reproduction

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**Footnotes:**

Note: \*Contact the Service Department at 1-800-933-6175 for roll bar replacement parts. You must provide the serial number of the roll bar system.

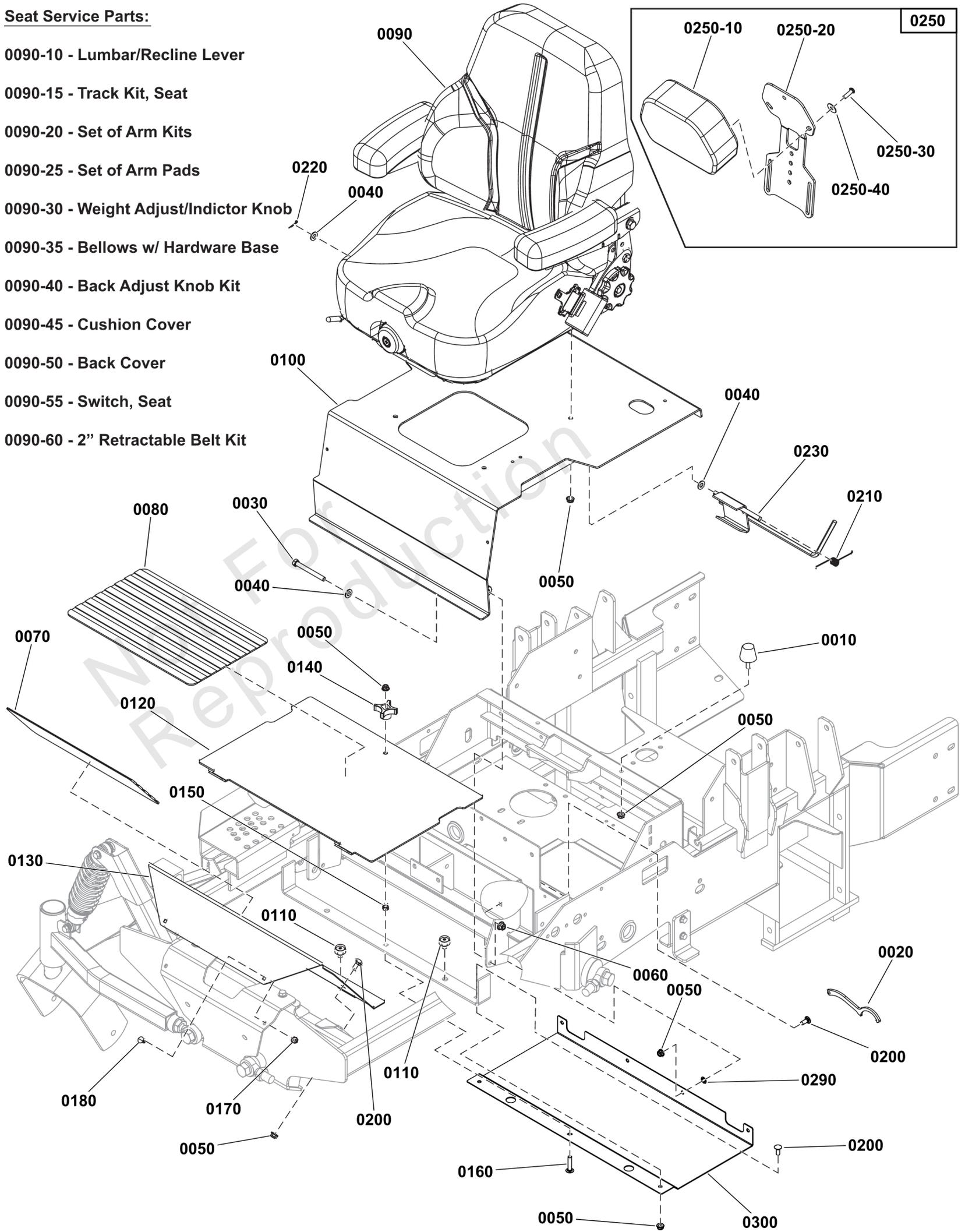
# Seat Mount and Floor Group S/N: 4002340028 and Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## Seat Service Parts:

- 0090-10 - Lumbar/Recline Lever
- 0090-15 - Track Kit, Seat
- 0090-20 - Set of Arm Kits
- 0090-25 - Set of Arm Pads
- 0090-30 - Weight Adjust/Indicator Knob
- 0090-35 - Bellows w/ Hardware Base
- 0090-40 - Back Adjust Knob Kit
- 0090-45 - Cushion Cover
- 0090-50 - Back Cover
- 0090-55 - Switch, Seat
- 0090-60 - 2" Retractable Belt Kit



## Seat Mount and Floor Group S/N: 4002340028 and Below

| REF NO  | PART NO    | QTY | DESCRIPTION  |
|---------|------------|-----|--|
| 0010    | 5022612    | 2   | BUMPER, RUBBER 5/16-18   |
| 0020    | 5022853    | 1   | WRENCH, SPANNER, CZ  |
| 0030    | 5025013X28 | 2   | BOLT, 3/8-16 X 3-1/2" GD5 CZ   |
| 0040    | 5025156    | 4   | WASHER, 3/8 SAE  |
| 0050    | 5025392    | 15  | NUT, 5/16-18 HEX NYLOCK FLANGE NUT                                       |
| 0060    | 5025394    | 2   | NUT, 3/8 - 16 HEX NYLOCK FLANGE  |
| 0070    | 5101374    | 1   | SAFETY WALK, FLOOR REST, 16.00 X 6.00                                    |
| 0080    | 5101333    | 1   | SAFETY WALK, FLOOR PLATE, S50X, 10X17.13                                 |
| 0090    | 84006088   | 1   | SEAT   |
| 0090-10 | 5105099X2  | 1   | LUMBAR/RECLINE/ISO LVR W/ RLL PIN BS<br>-(SV)                            |
| 0090-15 | 5104720X1  | 1   | 4" SINGLE LOCKING TRACKS BASE<br>-(SV)                                   |
| 0090-20 | 5106325X2  | 1   | SET OF ARM KITS<br>-(SV)   |
| 0090-25 | 5106325X3  | 1   | SET OF ARM PADS<br>-(SV)   |
| 0090-30 | 5104720X2  | 1   | WEIGHT ADJUST INDICATOR KNOB ASSY BASE<br>-(SV)                          |
| 0090-35 | 5104720X3  | 1   | BELLOWS W/ HARDWARE BASE<br>-(SV)  |
| 0090-40 | 5106325X4  | 1   | BACK ADJUSTMENT KNOB KIT<br>-(SV)  |
| 0090-45 | 5106325X6  | 1   | CUSHION COVER FORM I3M, 314659VN584<br>-(SV)                             |
| 0090-50 | 5108194X2  | 1   | SEAT BACK COVER<br>-(SV)   |
| 0090-55 | 7023354    | 1   | SWITCH, SEAT<br>-(SV)  |
| 0090-60 | 5106325X5  | 1   | 2" RETRACTABLE BELT KIT<br>-(SV)   |
| 0100    | 5601300    | 1   | SEAT PLATE W/DECALS, IS6200, ST LTCH DOM                                 |
| 0110    | 197546     | 4   | MNT, VBRTN, RBBR   |
| 0120    | 5421794B   | 1   | PLATE, FLOOR, REMOVABLE, IS6200Z - RED                                   |
| 0130    | 5420648B   | 1   | PLATE, FLOOR RIDGID, IS6200Z - RED                                       |
| 0140    | 1670578    | 1   | KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG                                 |
| 0150    | 80003675   | 1   | NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL                               |
| 0160    | 80003669   | 1   | BOLT,5/16-18X1.500,CARRIAGE,SQ,GR5,ZC/CL                                 |
| 0170    | 5025391    | 2   | NUT, 1/4-20 Hex Nylock Flange  |
| 0180    | 1960252    | 2   | BOLT-RD HD SH SQ NK 1/4-20X0.625 G5 BLK                                  |
| 0200    | 5025145X6  | 8   | BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ                                   |
| 0210    | 5106644    | 1   | SPRING, TORSION, LH, .0625OD   |
| 0220    | 80002736   | 1   | PIN, 3/32 X 0.750, COT, ZINC/CLEAR                                       |
| 0230    | 5418223AA  | 1   | WELD, SEAT LATCH HOOK - BLK  |
| 0250    | 84003643   | 1   | KIT, Headrest<br>-(Includes items 0250-10, 0250-20, 0250-30 and 0250-40) |
| 0250-10 | 5106645    | 1   | HEAD REST HIGH BACK SEAT   |
| 0250-20 | 5418483AA  | 1   | PLATE, MOUNTING BRACKET, HEADREST - BLK                                  |
| 0250-30 | 5025652    | 3   | SCREW, 5/16-18X1, BUT HD, BLK, W/PATCH                                   |
| 0250-40 | 5107404    | 3   | WASHER, FENDER, 1.00 OD X .315 ID X .055                                 |
| 0290    | 5025498    | 4   | 5/16" PUSH-ON NUT RETAINER, STL, CZ                                      |
| 0300    | 5421765B   | 1   | PLATE, DEBRIS GUARD, 6200 - RED  |

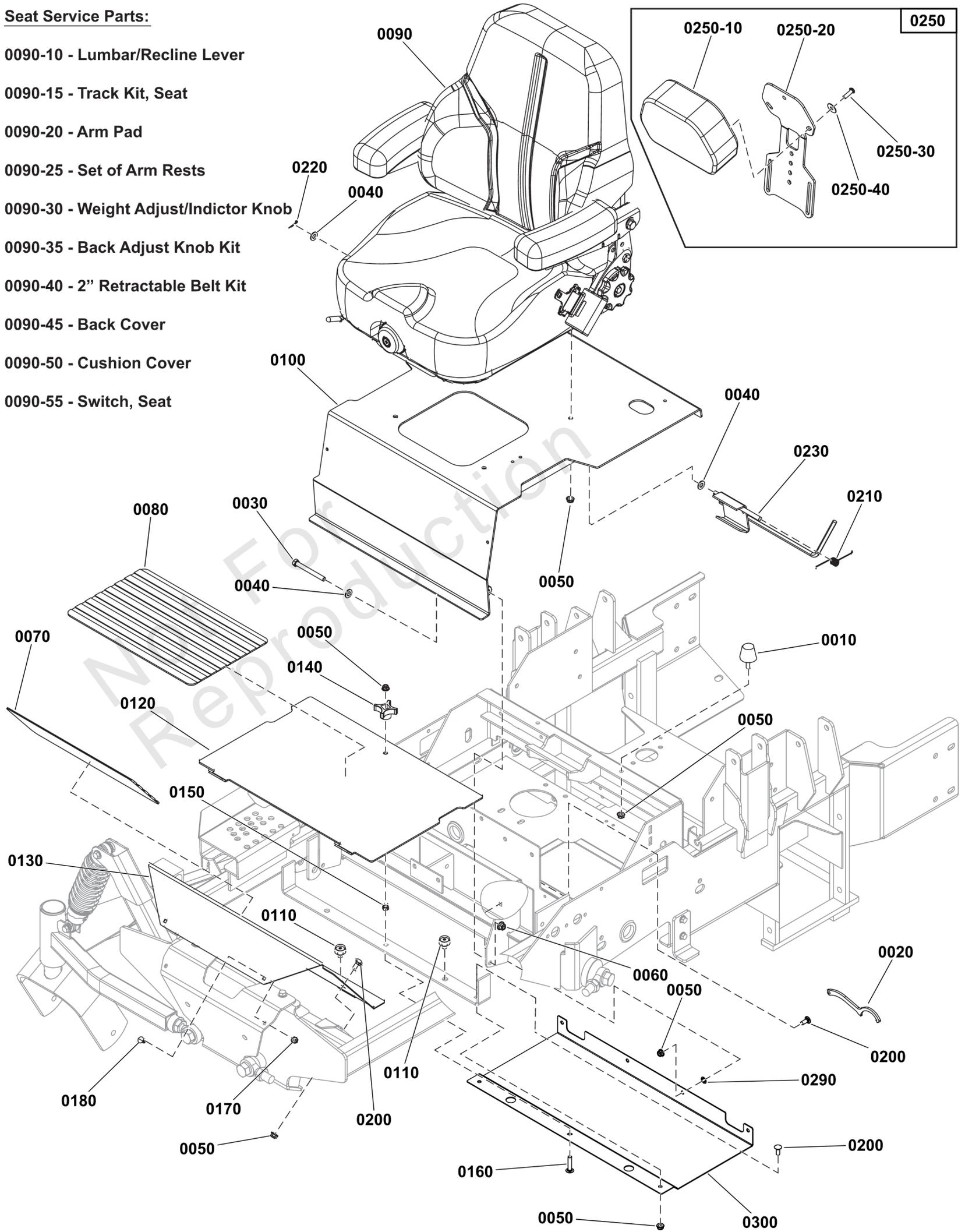
# Seat Mount and Floor Group S/N: 4002340029 and Above

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162

## Seat Service Parts:

- 0090-10 - Lumbar/Recline Lever
- 0090-15 - Track Kit, Seat
- 0090-20 - Arm Pad
- 0090-25 - Set of Arm Rests
- 0090-30 - Weight Adjust/Indicator Knob
- 0090-35 - Back Adjust Knob Kit
- 0090-40 - 2" Retractable Belt Kit
- 0090-45 - Back Cover
- 0090-50 - Cushion Cover
- 0090-55 - Switch, Seat



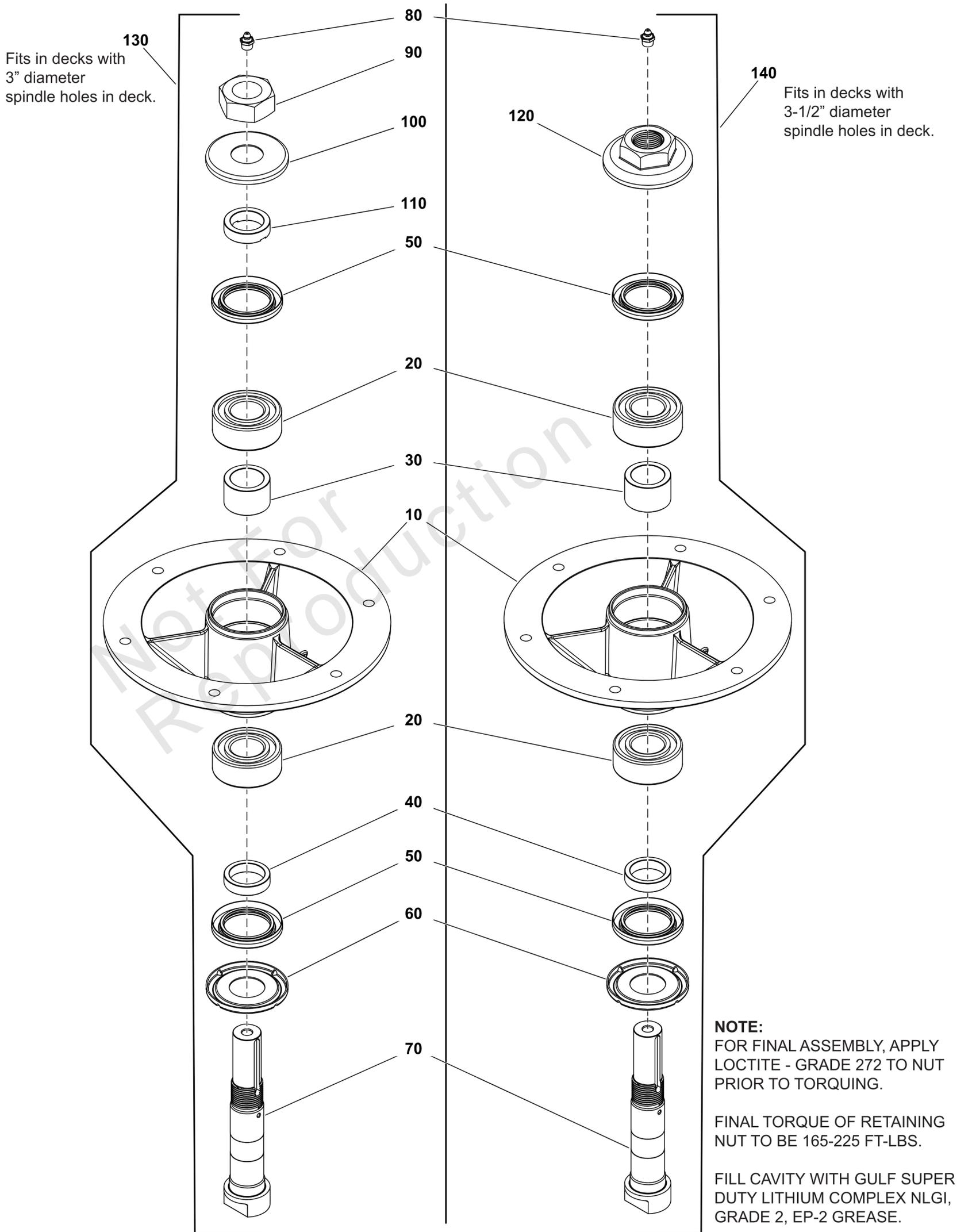
## Seat Mount and Floor Group S/N: 4002340029 and Above

| REF NO  | PART NO     | QTY | DESCRIPTION  |
|---------|-------------|-----|--|
| 0010    | 5022612     | 2   | BUMPER, RUBBER 5/16-18   |
| 0020    | 5022853     | 1   | WRENCH, SPANNER, CZ  |
| 0030    | 5025013X28  | 2   | BOLT, 3/8-16 X 3-1/2" GD5 CZ   |
| 0040    | 5025156     | 4   | WASHER, 3/8 SAE  |
| 0050    | 5025392     | 15  | NUT, 5/16-18 HEX NYLOCK FLANGE NUT                                       |
| 0060    | 5025394     | 2   | NUT, 3/8 - 16 HEX NYLOCK FLANGE  |
| 0070    | 5101374     | 1   | SAFETY WALK, FLOOR REST, 16.00 X 6.00                                    |
| 0080    | 5101333     | 1   | SAFETY WALK, FLOOR PLATE, S50X, 10X17.13                                 |
| 0090    | 84010952    | 1   | SEAT ASSEMBLY  |
| 0090-10 | 84003205    | 1   | LUMBAR/RECLINE/ISO LVR W/ RLL PIN BS<br>-(SV)                            |
| 0090-15 | 84011185    | 1   | TRACKS, Seat Adjustment<br>-(SV)   |
| 0090-20 | 5104741X2   | 1   | ARM PAD<br>-(SV)   |
| 0090-25 | 5102760X3YP | 1   | ARM REST, COMPANION<br>-(SV)   |
| 0090-30 | 84003209    | 1   | KNOB, Adjuster<br>-(SV)  |
| 0090-35 | 5105099X3   | 1   | BACK ADJST LO-PRO KNOB-HRDWR BASE<br>-(SV)                               |
| 0090-40 | 5106325X5   | 1   | 2" RETRACTABLE BELT KIT<br>-(SV)   |
| 0090-45 | 84011186    | 1   | COVER, Seat Back<br>-(SV)  |
| 0090-50 | 84011187    | 1   | CUSHION, Seat<br>-(SV)   |
| 0090-55 | 7023354YP   | 1   | SWITCH, SEAT<br>-(SV)  |
| 0100    | 5601300     | 1   | SEAT PLATE W/DECALS, IS6200, ST LTCH DOM                                 |
| 0110    | 197546      | 4   | MNT, VBRTN, RBBR   |
| 0120    | 5421794B    | 1   | PLATE, FLOOR, REMOVABLE, IS6200Z - RED                                   |
| 0130    | 5420648B    | 1   | PLATE, FLOOR RIDGID, IS6200Z - RED                                       |
| 0140    | 1670578     | 1   | KNOB-INT THR .312-18 4-ARM 2.12WD 1.06LG                                 |
| 0150    | 80003675    | 1   | NUT, 5/16-1/8, HEX, CNTR LK, ZINC PHOS/OIL                               |
| 0160    | 80003669    | 1   | BOLT,5/16-18X1.500,CARRIAGE,SQ,GR5,ZC/CL                                 |
| 0170    | 5025391     | 2   | NUT, 1/4-20 Hex Nylock Flange  |
| 0180    | 1960252     | 2   | BOLT-RD HD SH SQ NK 1/4-20X0.625 G5 BLK                                  |
| 0200    | 5025145X6   | 8   | BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ                                   |
| 0210    | 5106644     | 1   | SPRING, TORSION, LH, .0625OD   |
| 0220    | 80002736    | 1   | PIN, 3/32 X 0.750, COT, ZINC/CLEAR                                       |
| 0230    | 5418223AA   | 1   | WELD, SEAT LATCH HOOK - BLK  |
| 0250    | 84003643    | 1   | KIT, Headrest<br>-(Includes items 0250-10, 0250-20, 0250-30 and 0250-40) |
| 0250-10 | 5106645     | 1   | HEAD REST HIGH BACK SEAT   |
| 0250-20 | 5418483AA   | 1   | PLATE, MOUNTING BRACKET, HEADREST - BLK                                  |
| 0250-30 | 5025652     | 3   | SCREW, 5/16-18X1, BUT HD, BLK, W/PATCH                                   |
| 0250-40 | 5107404     | 3   | WASHER, FENDER, 1.00 OD X .315 ID X .055                                 |
| 0290    | 5025498     | 4   | 5/16" PUSH-ON NUT RETAINER, STL, CZ                                      |
| 0300    | 5421765B    | 1   | PLATE, DEBRIS GUARD, 6200 - RED  |

# Spindle Service Parts - 84003242 / 84007984

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Spindle Service Parts - 84003242 / 84007984

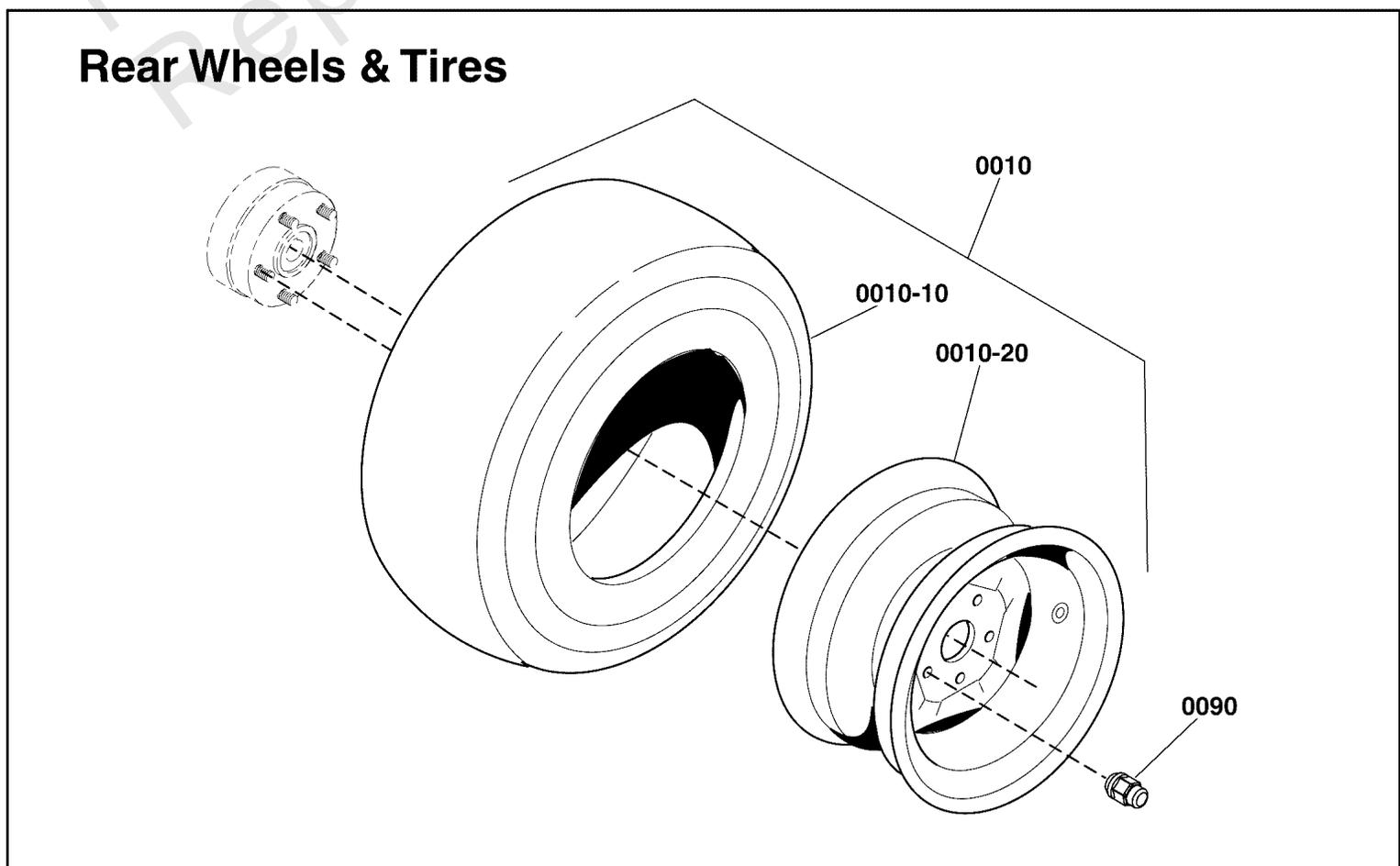
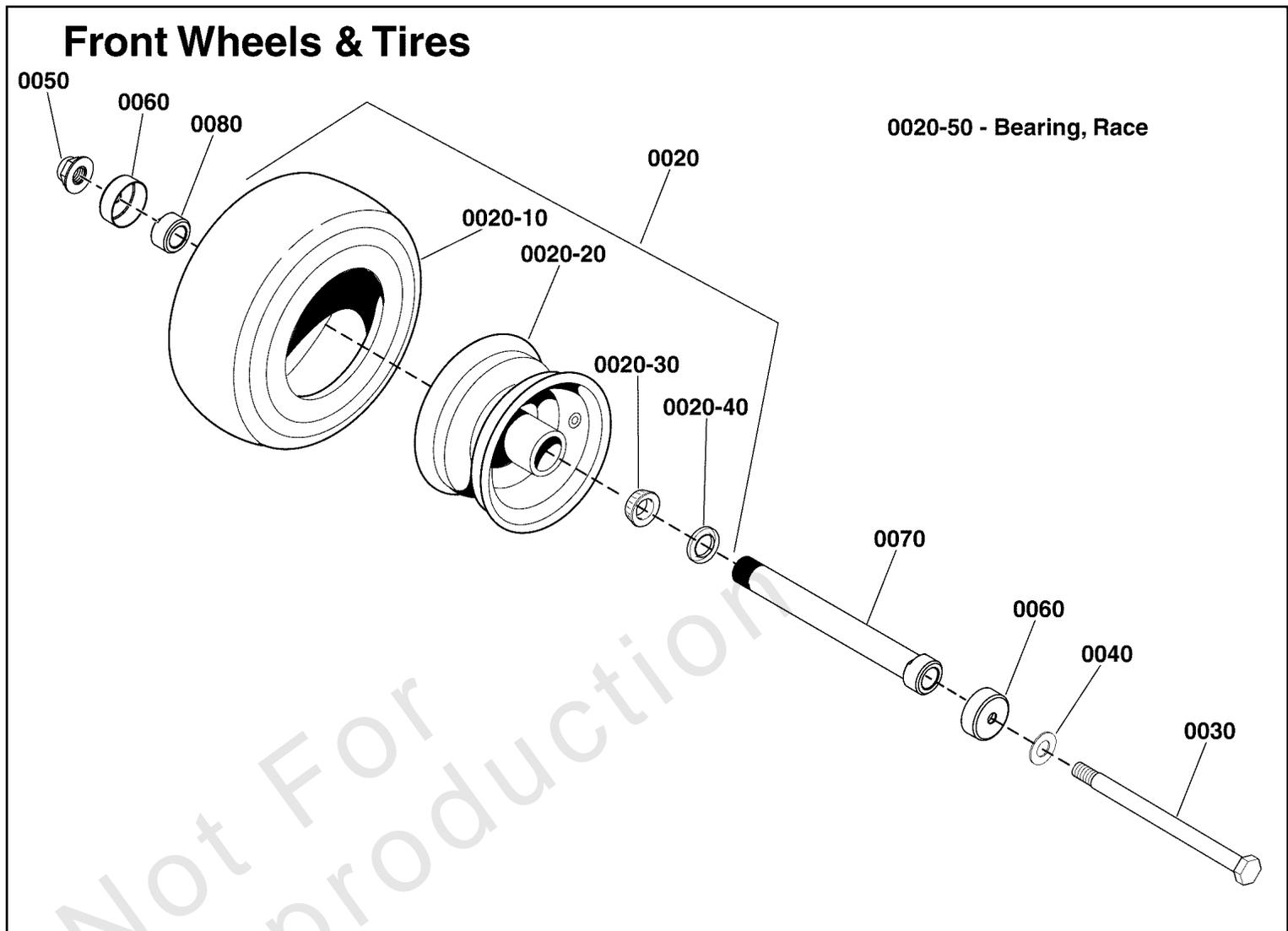
| REF NO | PART NO   | QTY | DESCRIPTION  |
|--------|-----------|-----|--|
| 10     | 84003315  | 1   | HOUSING, SPINDLE   |
| 20     | 84003324  | 2   | BEARING  |
| 30     | 84003325  | 1   | SPACER   |
| 40     | 84003319  | 1   | SPACER   |
| 50     | 84003323  | 2   | SEAL, LIP  |
| 60     | 84003317  | 1   | SHIELD   |
| 70     | 84003320  | 1   | SHAFT, SPINDLE   |
| 80     | 5023329SM | 1   | FITTING  |
| 90     | 84003321  | 1   | NUT  |
| 100    | 84003318  | 1   | SHIELD   |
| 110    | 84003316  | 1   | SPACER (1.183 x 1.625 x 0.420)   |
| 120    | 5108863   | 1   | NUT, DEBRIS SHIELD, SPINDLE  |
| 130    | 84007984  | 1   | SPINDLE ASSEMBLY<br>-(Fits in decks with 3" diameter spindle holes in deck.)     |
| 140    | 84003242  | 1   | SPINDLE ASSEMBLY<br>-(Fits in decks with 3-1/2" diameter spindle holes in deck.) |

Not For Reproduction

# Wheel and Tire Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5902162



## Wheel and Tire Group

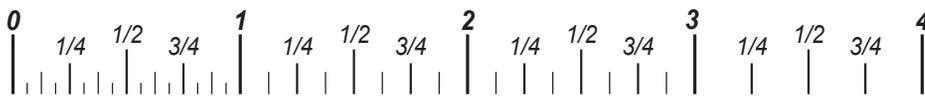
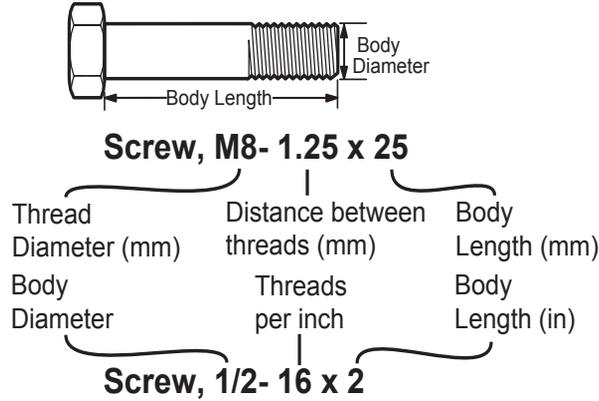
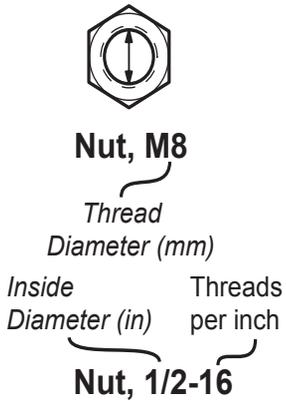
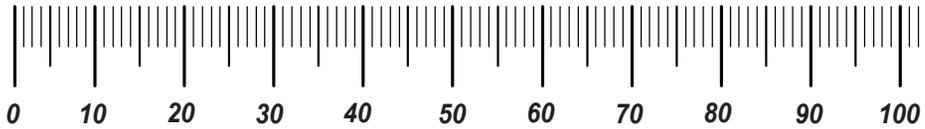
| REF NO  | PART NO    | QTY | DESCRIPTION   |
|---------|------------|-----|---|
| 0010    | 5109051    | 2   | TIRE ASM, 26X12-12, MULI TRAC, BLK  |
| 0010-10 | 84003893   | 2   | TIRE, 26 X 12 - 12<br>-(One per tire.)  |
| 0010-20 | -----      | 2   | WHEEL, 12 X 9.5, 5/4.5 BC, -1.81<br>-(One per tire.)                                      |
| 0020    | 5109035    | 2   | TIRE ASM, 13 X 6.5 - 6, PNE / TB, BLK   |
| 0020-10 | 5022577    | 2   | TIRE, RUBBER ONLY<br>-(One per tire.)   |
| 0020-20 | -----      | 2   | WHEEL ASSEMBLY, for 13 x 6.5 x 6 Tire, Blk<br>-(One per tire.)                            |
| 0020-30 | 5022631SX2 | 4   | BEARING, Tapered Roller<br>-(Two per tire.)   |
| 0020-40 | 5022631SX3 | 4   | SEAL, GREASE<br>-(Two per tire.)  |
| 0020-50 | 5022631SX4 | 4   | BEARING, RACE<br>-(Two per tire.)   |
| 0030    | 5025017X72 | 2   | BOLT, 1/2-13 X 9" GD5 YZ  |
| 0040    | 5025158    | 2   | WASHER, 1/2 SAE   |
| 0050    | 5025396    | 2   | NUT, Hex Flange, Nylock, 1/2-13   |
| 0060    | 5108803    | 4   | DUST CAP, CASTER TIRE, BLACK  |
| 0070    | 5103649    | 2   | BEARING ADJUSTER, SPACER, 7.062 LG  |
| 0080    | 5103650    | 2   | NUT, BEARING ADJUSTER, AXLE   |
| 0090    | -----      | 10  | LUG NUT, Black<br>-(Originally Black Lug nut - Replacement 5020601SM is silver in color). |
| 0090    | 5020601SM  | 10  | NUT, 1/2-20, FOR WHEEL BOLT SILVER<br>-(Replacement 5020601SM is silver in color).        |

# Hardware Identification & Torque Specifications

| Torque Specification Chart                             |           |      |           |      |            |      |            |      |
|--|-----------|------|-----------|------|------------|------|------------|------|
| FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%) |           |      |           |      |            |      |            |      |
| Property Class   | 5.6       |      | 8.8       |      | 10.9       |      | 12.9       |      |
|  | Class 5.6 |      | Class 8.8 |      | Class 10.9 |      | Class 12.9 |      |
| Size Of Hardware                                       | in/lbs    | Nm.  | in/lbs    | Nm.  | in/lbs     | Nm.  | in/lbs     | Nm.  |
|  | ft/lbs    |      | ft/lbs    |      | ft/lbs     |      | ft/lbs     |      |
| M3   | 5.88      | .56  | 13.44     | 1.28 | 19.2       | 1.80 | 22.92      | 2.15 |
| M4   | 13.44     | 1.28 | 30.72     | 2.90 | 43.44      | 4.10 | 52.56      | 4.95 |
| M5   | 26.4      | 2.50 | 60.96     | 5.75 | 5.97       | 8.10 | 7.15       | 9.7  |
| M6   | 44.64     | 4.3  | 7.3       | 9.9  | 10.3       | 14   | 12.1       | 16.5 |
| M7   | 5.2       | 7.1  | 12.1      | 16.5 | 16.9       | 23   | 19.9       | 27   |
| M8   | 7.7       | 10.5 | 17.7      | 24   | 25         | 34   | 29         | 40   |
| M10  | 15        | 21   | 35        | 48   | 50         | 67   | 59         | 81   |
| M12  | 26        | 36   | 61        | 83   | 86.2       | 117  | 103        | 140  |
| M14  | 42        | 58   | 101       | 132  | 136        | 185  | 162        | 220  |
| M16  | 64        | 88   | 147       | 200  | 210        | 285  | 250        | 340  |
| M18  | 89        | 121  | 202       | 275  | 287        | 390  | 346        | 470  |
| M20  | 126       | 171  | 290       | 390  | 405        | 550  | 486        | 660  |
| M22  | 169       | 230  | 390       | 530  | 559        | 745  | 656        | 890  |
| M24  | 217       | 295  | 497       | 375  | 708        | 960  | 840        | 1140 |
| M27  | 320       | 435  | 733       | 995  | 1032       | 1400 | 1239       | 1680 |
| M30  | 435       | 590  | 995       | 1350 | 1401       | 1900 | 1681       | 2280 |
| M33  | 590       | 800  | 1349      | 1830 | 1902       | 2580 | 2278       | 3090 |
| M36  | 759       | 1030 | 1740      | 2360 | 2441       | 3310 | 2935       | 3980 |
| M39  | 988       | 1340 | 2249      | 3050 | 3163       | 4290 | 3798       | 5150 |

| Torque Specification Chart                      |             |       |             |       |             |         |
|---|-------------|-------|-------------|-------|-------------|---------|
| FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%) |             |       |             |       |             |         |
| Hardware Grade                                  | No Marks    |       | SAE Grade 5 |       | SAE Grade 8 |         |
|   | SAE Grade 2 |       | SAE Grade 5 |       | SAE Grade 8 |         |
| Size Of Hardware                                | in/lbs      | Nm.   | in/lbs      | Nm.   | in/lbs      | Nm.     |
|   | ft/lbs      |       | ft/lbs      |       | ft/lbs      |         |
| 8-32  | 19          | 2.1   | 30          | 3.4   | 41          | 4.6     |
| 8-36  | 20          | 2.3   | 31          | 3.5   | 43          | 4.9     |
| 10-24   | 27          | 3.1   | 43          | 4.9   | 60          | 6.8     |
| 10-32   | 31          | 3.5   | 49          | 5.5   | 68          | 7.7     |
| 1/4-20  | 66          | 7.6   | 8           | 10.9  | 12          | 16.3    |
| 1/4-28  | 76          | 8.6   | 10          | 13.6  | 14          | 19.0    |
| 5/16-18   | 11          | 15.0  | 17          | 23.1  | 25          | 34.0    |
| 5/16-24   | 12          | 16.3  | 19          | 25.8  | 29          | 34.0    |
| 3/8-16  | 20          | 27.2  | 30          | 40.8  | 45          | 61.2    |
| 3/8-24  | 23          | 31.3  | 35          | 47.6  | 50          | 68.0    |
| 7/16-14   | 30          | 40.8  | 50          | 68.0  | 70          | 95.2    |
| 7/16-20   | 35          | 47.6  | 55          | 74.8  | 80          | 108.8   |
| 1/2-13  | 50          | 68.0  | 75          | 102.0 | 110         | 149.6   |
| 1/2-20  | 55          | 74.8  | 90          | 122.4 | 120         | 163.2   |
| 9/16-12   | 65          | 88.4  | 110         | 149.6 | 150         | 204.0   |
| 9/16-18   | 75          | 102.0 | 120         | 163.2 | 170         | 231.2   |
| 5/8-11  | 90          | 122.4 | 150         | 204.0 | 220         | 299.2   |
| 5/8-18  | 100         | 136   | 180         | 244.8 | 240         | 326.4   |
| 3/4-10  | 160         | 217.6 | 260         | 353.6 | 386         | 525.0   |
| 3/4-16  | 180         | 244.8 | 300         | 408.0 | 420         | 571.2   |
| 7/8-9   | 140         | 190.4 | 400         | 544.0 | 600         | 816.0   |
| 7/8-14  | 155         | 210.8 | 440         | 598.4 | 660         | 897.6   |
| 1-8   | 220         | 299.2 | 580         | 788.8 | 900         | 1,244.0 |
| 1-12  | 240         | 326.4 | 640         | 870.4 | 1,000       | 1,360.0 |

The guides and ruler furnished below are designed to help you select the appropriate hardware.



## Standard Hardware Sizing

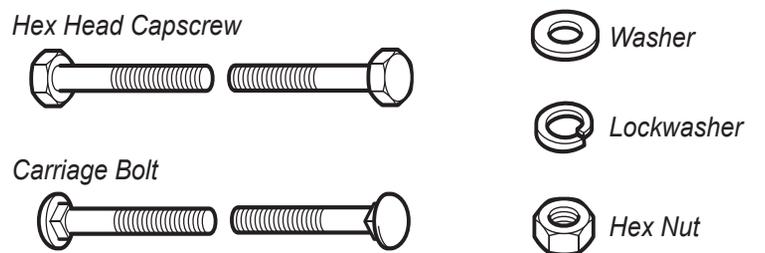
When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw, 2 inches (50mm).

## NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

## Common Hardware Types



## Wrench & Fastener Size Guide

|                                  |                                  |                                  |  |                                 |
|----------------------------------|----------------------------------|----------------------------------|--|---------------------------------|
|                                  |                                  |                                  |  |                                 |
| 1/4" Bolt or Nut<br>Wrench—7/16" | 5/16" Bolt or Nut<br>Wrench—1/2" | 3/8" Bolt or Nut<br>Wrench—9/16" | 7/16" Bolt or Nut<br>Wrench (Bolt)—5/8"<br>Wrench (Nut)—11/16" | 1/2" Bolt or Nut<br>Wrench—3/4" |
| M6 Bolt or Nut<br>Wrench—10mm    | M8 Bolt or Nut<br>Wrench—13mm    | M10 Bolt or Nut<br>Wrench—17mm   | M12 Bolt or Nut<br>Wrench—19mm                                 | M14 Bolt or Nut<br>Wrench—22mm  |

