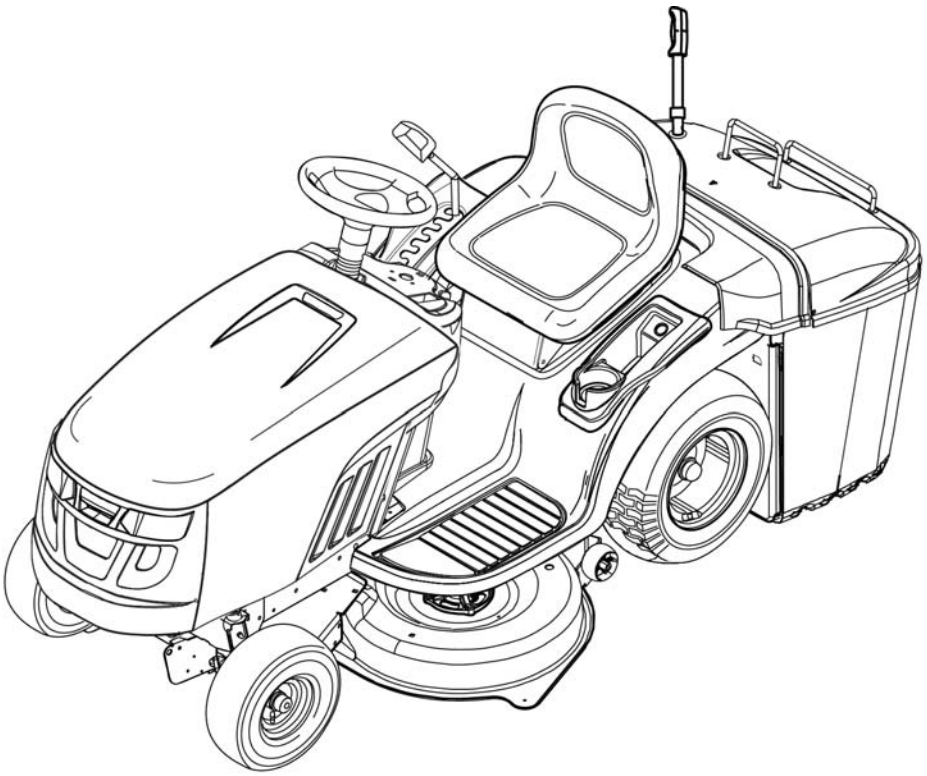
# *Parts Manual for*

# SNAPPER®

# *96cm & 107cm EUROPEAN HYDRO DRIVE TRACTOR RPX & RTX SERIES*

| *Model No.* | *Description* |
|---|---|
| *2691251-00* | *RPX100* |
| *2691252-00* | *RPX200* |
| *2691253-00* | *RTX300* |



**Briggs & Stratton Yard Power Products Group**
535 Macon Road
McDonough, GA, 30253 U.S.A.
800-935-2967

**Manual No. 7106380**
**Revision: A 1/20/2015**

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Reproduction

| PAGE | GROUP |
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| 4 | Wheel & Tire Group - 20" |
| 6 | Wheel & Tire Group - 22" |
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| 10 | Hood, Grille & Dash Group - LED Lights |
| 12 | Seat Deck & Fuel Tank Group |
| 14 | Steering Group |
| 16 | Frame & Front Axle Group |
| 20 | Controls Group |
| 22 | Engine Group |
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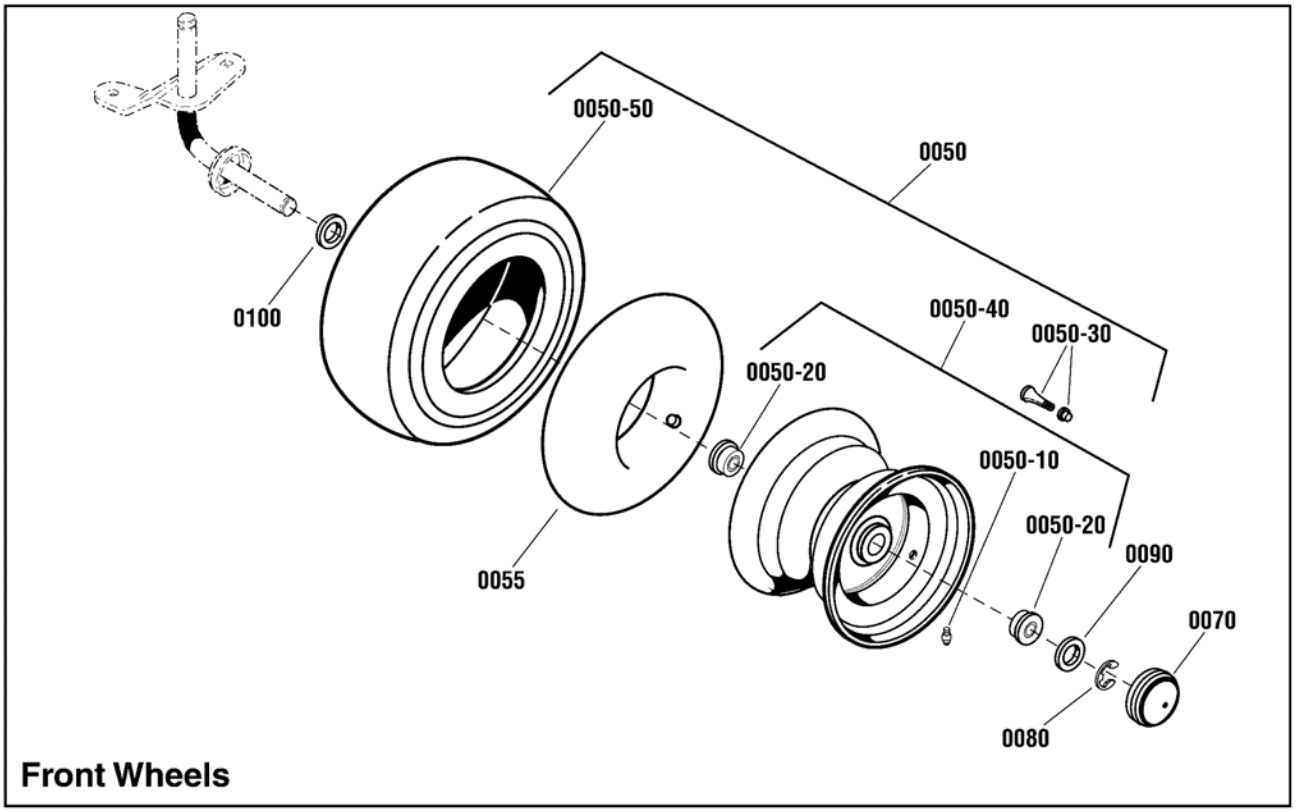
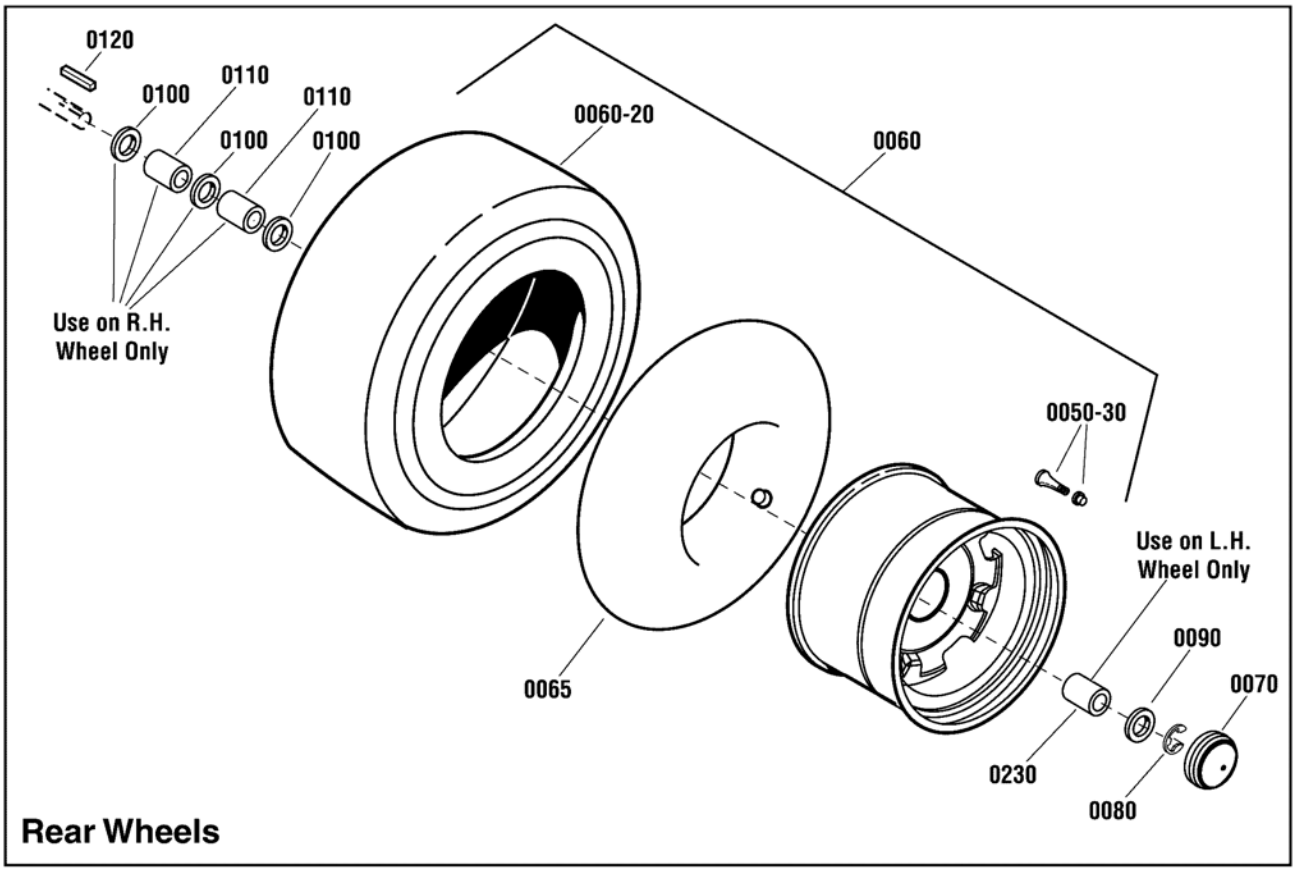



**Front Wheels**

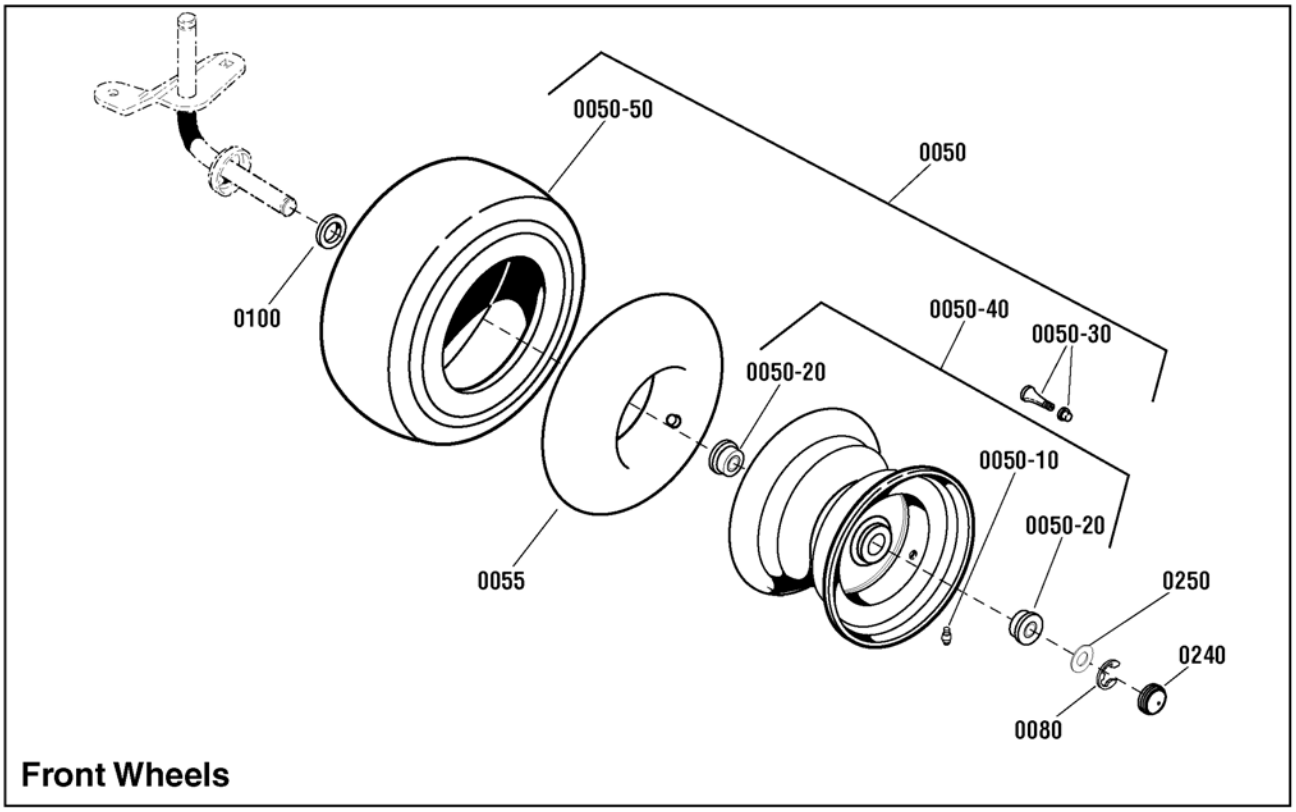



**Rear Wheels**

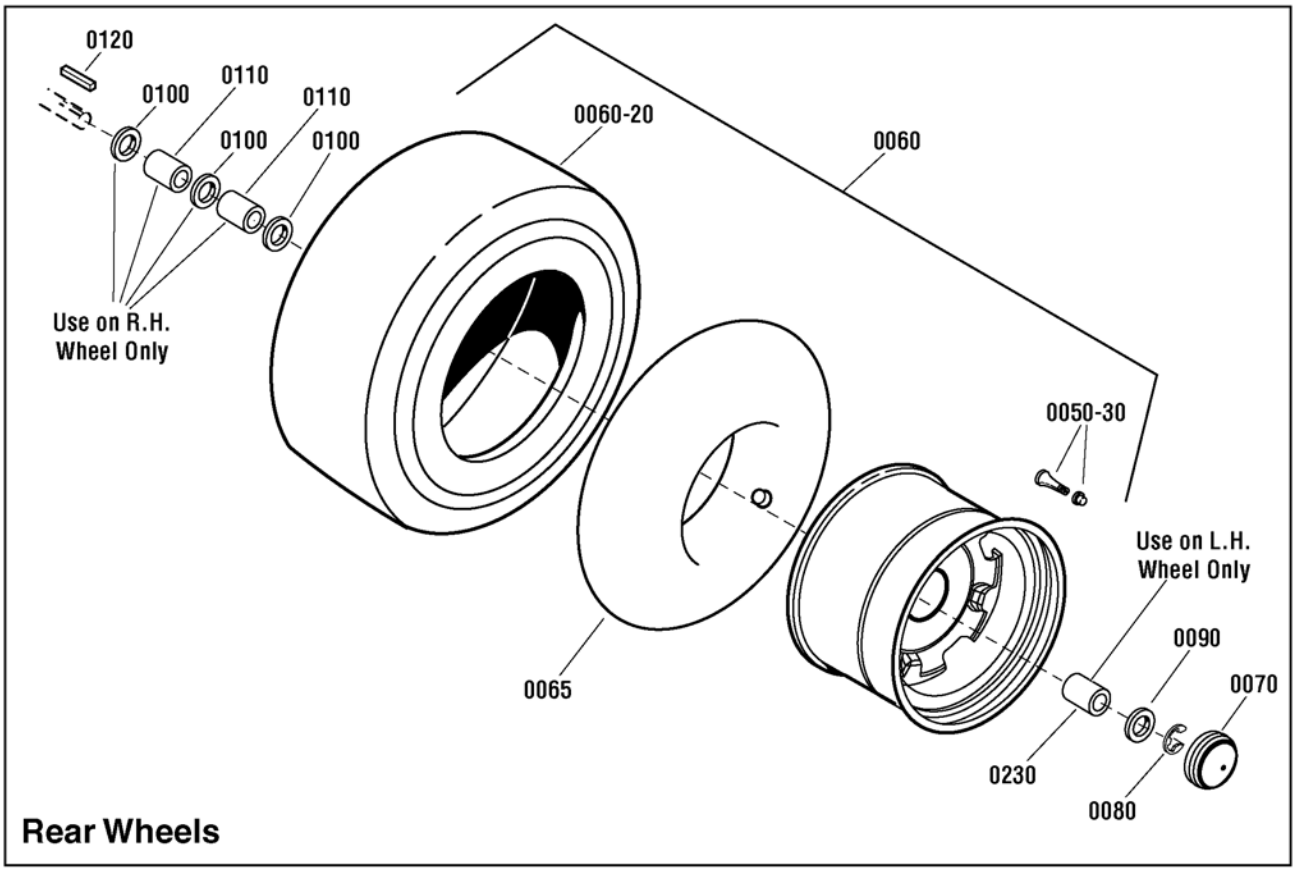
| Item | Part No | Qty | Description |
|---|---|---|---|
| 0050 | 1729708SM | 2 | WHEEL& TIRE ASSEMBLY, Front (Includes Ref. Nos. 0050-10, 0050-20, 0050-30, 0050-40 & 0050-50) |
| 0050-10 | 2812808SM | 1 | FITTING, Lube |
| 0050-20 | 1713167SM | 2 | BEARING, 3/4 |
| 0050-30 | 2172353SM | 4 | VALVE STEM & CAP |
| 0050-40 | 1726301SM | 1 | WHEEL & BUSHINGS ASSEMBLY, Front (Includes Ref. Nos. 0050-10 & 0050-30) |
| 0050-50 | 1731951SM | 1 | TIRE, Kenda, Turf Rider, Front, 15 x 6.00 - 6 |
| 0055 | 1664090SM | 2 | TUBE, Tire, Front |
| 0060 | 885457YP | 2 | WHEEL & TIRE ASSEMBLY, Rear, 20 X 8-8 (Includes Ref. Nos. 0050-30 & 0060-20) |
| 0060-20 | ----- | 1 | TIRE, Rear, K358 x 20 x 8.94-8 (Not a serviceable part, order Ref. 0060) |
| 0065 | 2164247SM | 2 | TUBE, Tire, Rear |
| 0070 | 094618MA | 4 | HUB CAP |
| 0080 | 0011X3MA | 4 | E-RING |
| 0090 | 17X195MA | 4 | WASHER, Flat |
| 0100 | 17X160MA | 6 | WASHER, Flat, 3/4 x 1-1/4 |
| 0110 | 1730181SM | 2 | SPACER, 3/4 ID x 1-1/4 OD x 1-5/8, RH (Use on R.H. Side Only) |
| 0120 | 021553MA | 2 | KEY, Square, 3/16 |
| 0230 | 885578YP | 1 | SPACER, Wheel, LH (Use on L.H. Side Only) |

Not for Reproduction

**Footnotes:**




**Front Wheels**




**Rear Wheels**

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0050 | 1729708SM | 2 | WHEEL& TIRE ASSEMBLY, Front (Includes Ref. Nos. 0050-10, 0050-20, 0050-30, 0050-40 & 0050-50) |
| 0050-10 | 2812808SM | 1 | FITTING, Lube |
| 0050-20 | 1713167SM | 2 | BEARING, 3/4 |
| 0050-30 | 2172353SM | 4 | VALVE STEM & CAP |
| 0050-40 | 1726301SM | 1 | WHEEL & BUSHINGS ASSEMBLY, Front (Includes Ref. Nos. 0050-10 & 0050-30) |
| 0050-50 | 1731951SM | 1 | TIRE, Kenda, Turf Rider, Front, 15 x 6.00 - 6 |
| 0055 | 1664090SM | 2 | TUBE, Tire, Front |
| 0060 | 7101569YP | 1 | WHEEL & TIRE ASSEMBLY, Rear, 22 x 9.5-12 (Includes Ref. Nos. 0050-30 & 0060-20) |
| 0060-20 | ----- | 2 | TIRE, Rear, K358 x 22 x 9.5-12 (Not a serviceable part, order Ref. 0060) |
| 0065 | 2164247SM | 2 | TUBE, Tire, Rear |
| 0070 | 1722676SM | 2 | HUBCAP, 2.35" ID |
| 0080 | 0011X3MA | 4 | E-RING |
| 0090 | 1722717SM | 2 | WASHER |
| 0100 | 17X160MA | 6 | WASHER, Flat, 3/4 x 1-1/4 |
| 0110 | 1730181SM | 2 | SPACER, 3/4 ID x 1-1/4 OD x 1-5/8, RH (Use on R.H. Side Only) |
| 0120 | 021553MA | 2 | KEY, Square, 3/16 |
| 0230 | 885578YP | 1 | SPACER, Wheel, LH (Use on L.H. Side Only) |
| 0240 | 1722675SM | 2 | HUBCAP, 1.5" ID |
| 0250 | 1960160SM | 2 | WASHER, 3/4 |

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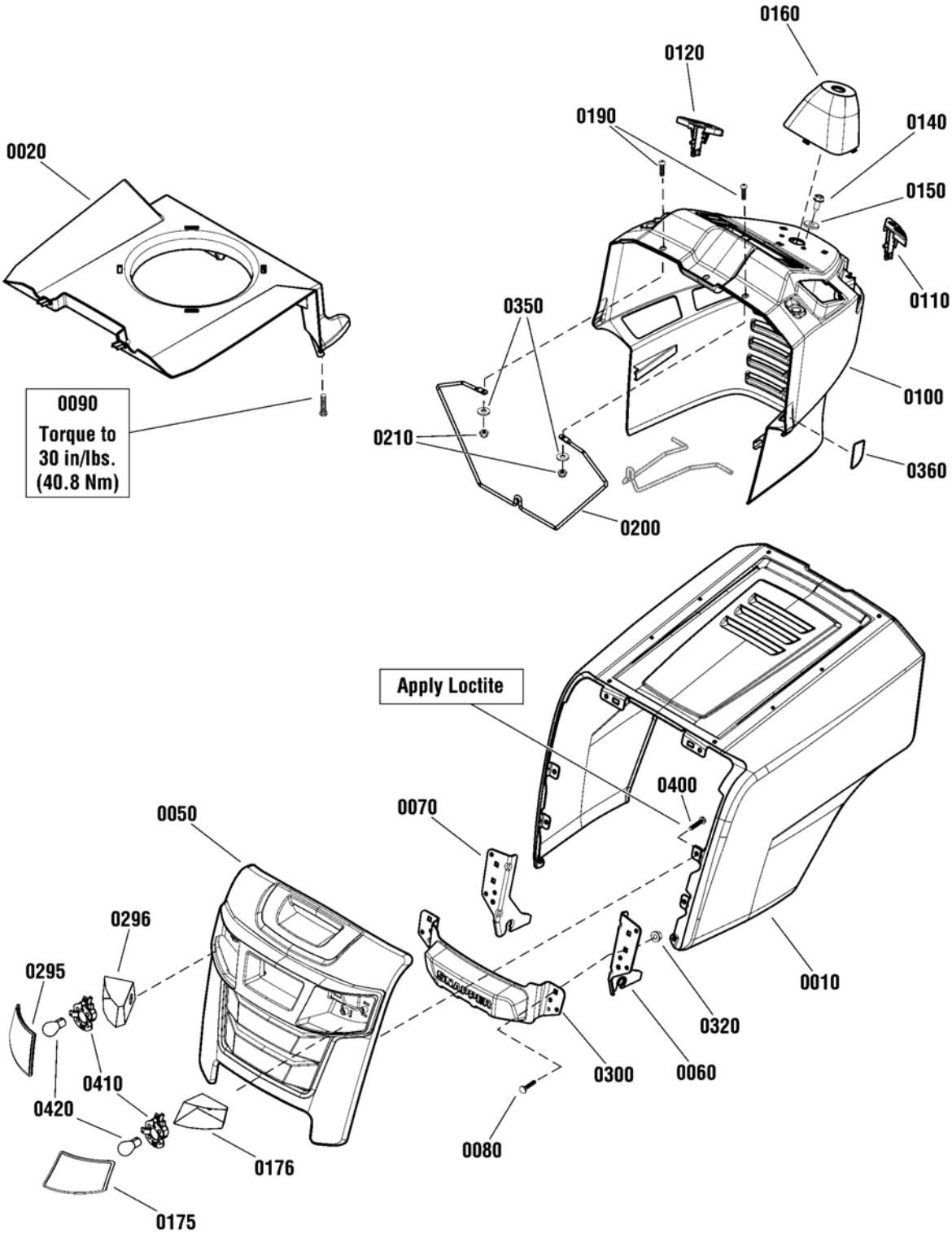
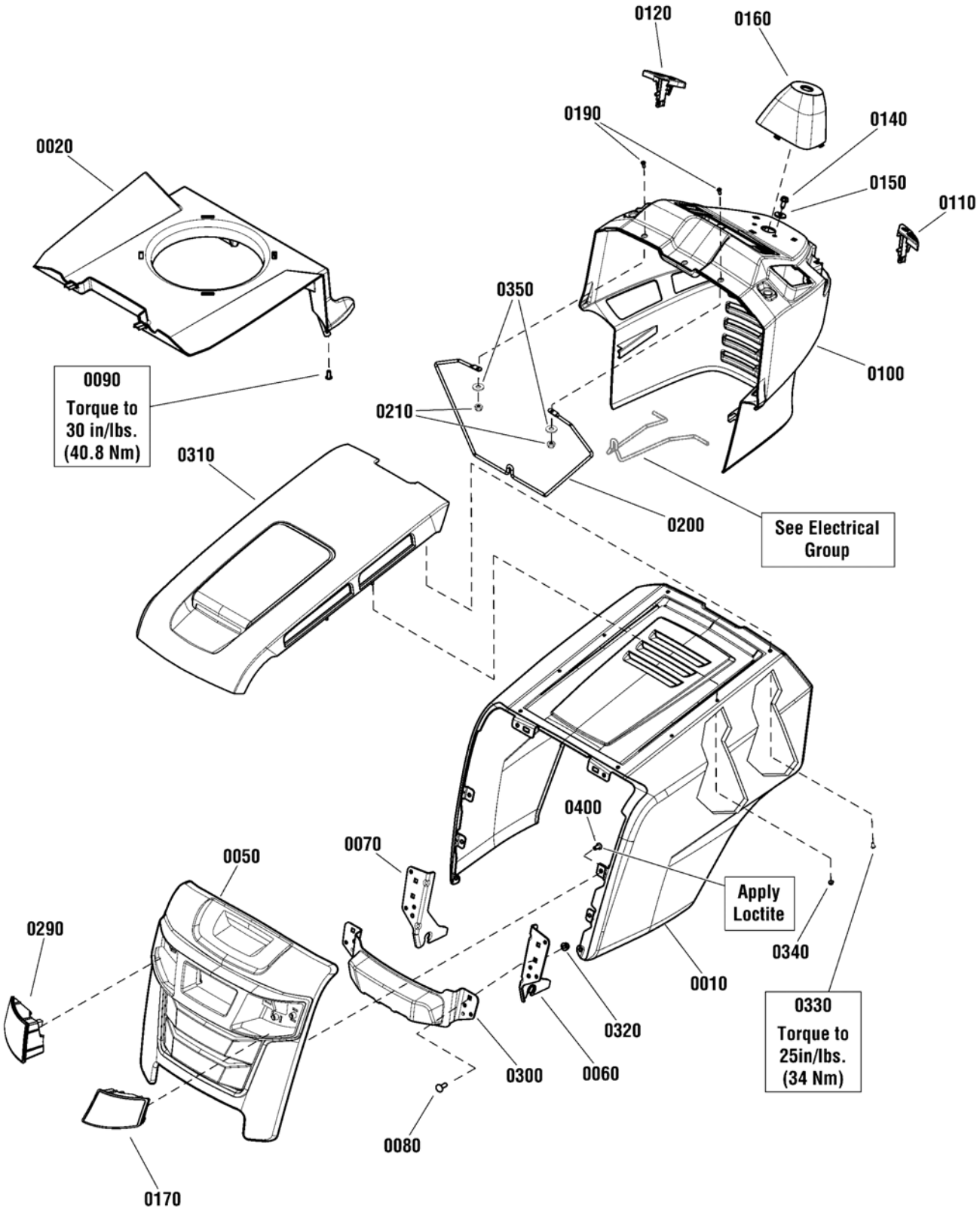
**Footnotes:**


0160
0120
0190
0140
0020
0150
0110
0350
0100
0090
Torque to
30 in/lbs.
(40.8 Nm)
0210
0360
0200
Apply Loctite
0400
0070
0050
0296
0295
0010
0320
0300
0060
0410
0420
0080
0176
0175

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1753164DYP | 1 | HOOD, One Piece, Center Emboss |
| 0020 | 1738734YP | 1 | AIR DUCT |
| 0050 | 1757560YP | 1 | GRILLE, Front |
| 0060 | 1738566AYP | 1 | HINGE, Hood, LH |
| 0070 | 1738565AYP | 1 | HINGE, Hood, RH |
| 0080 | 7091714YP | 2 | BOLT, Carriage, 5/16 x 1, G5 |
| 0090 | 1739220YP | 2 | SCREW, 7mm x 16mm |
| 0100 | 1753166YP | 1 | DASH, Nxt - Black |
| 0110 | 1738789YP | 1 | KNOB, Parking Brake |
| 0120 | 1738788YP | 1 | KNOB, Cruise |
| 0140 | 1664847SM | 2 | SCREW, Hex Washer Head Taptite, 5/16-18 x 3/4 |
| 0150 | 1919381SM | 2 | WASHER, 5/16 x 1 |
| 0160 | 1738790YP | 1 | COVER, Steering Shaft |
| 0175 | 1757561YP | 1 | LENS, Headlight, LH |
| 0176 | 1757563YP | 1 | INSERT, Headlight, LH |
| 0190 | 1739942YP | 2 | SCREW, Pan Head Phillips, #10-24 x 7/8 |
| 0200 | 1738964YP | 1 | ROD, Dash Support, 1/4 Dia. x 10" |
| 0210 | 1933896SM | 2 | NUT, Ny-Lock 10-24 |
| 0295 | 1757562YP | 1 | LENS, Headlight, RH |
| 0296 | 1757564YP | 1 | INSERT, Headlight, RH |
| 0300 | 1753169BMYP | 1 | BUMPER, Front |
| 0320 | 1960686SM | 2 | NUT, Hex Flange, 5/16-18, ESNA |
| 0350 | 1960353SM | 2 | WASHER, 1/4 x 27/32 OD |
| 0410 | 1001716MA | 2 | SOCKET, Lamp |
| 0420 | 1757565YP | 2 | BULB, Incandescent |
| -- | 1758731YP | 1 | Insulation (Not shown) |

Not for Reproduction

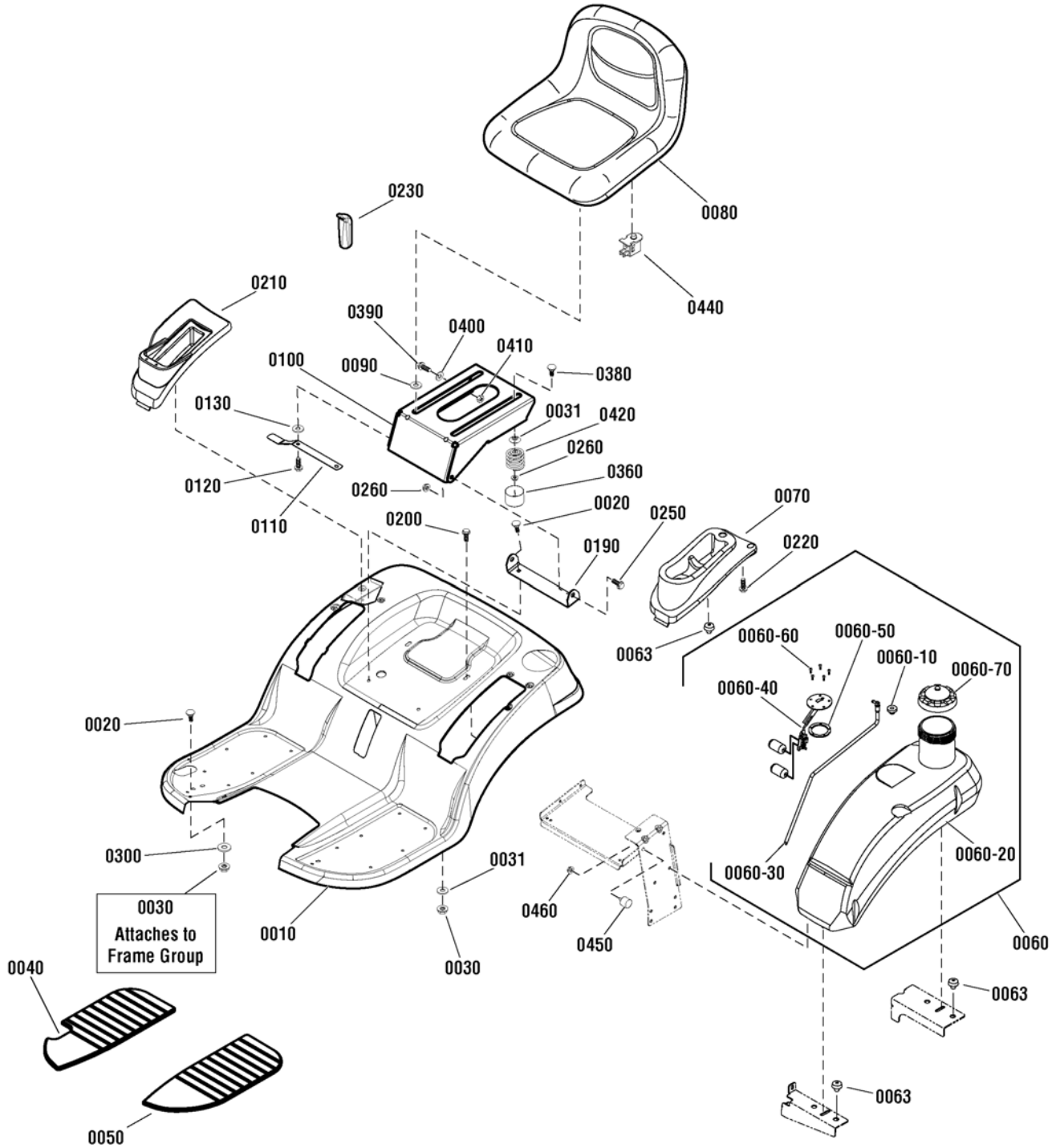
**Footnotes:**


0120
0160
0190
0140
0150
0110
0020
0350
0100
0090
Torque to
30 in/lbs.
(40.8 Nm)
0210
0310
0200
See Electrical
Group
0400
0070
0050
Apply
Loctite
0290
0340
0010
0330
Torque to
25in/lbs.
(34 Nm)
0320
0300
0060
0080
0170

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1752930DYP | 1 | HOOD, One Piece, Center Emboss |
| 0020 | 1738734YP | 1 | AIR DUCT |
| 0050 | 1752929YP | 1 | GRILLE, Front |
| 0060 | 1738566AYP | 1 | HINGE, Hood, LH |
| 0070 | 1738565AYP | 1 | HINGE, Hood, RH |
| 0080 | 7091714YP | 2 | BOLT, Carriage, 5/16 x 1, G5 |
| 0090 | 1739220YP | 2 | SCREW, 7mm x 16mm |
| 0100 | 1753166YP | 1 | DASH, Nxt - Black |
| 0110 | 1738789YP | 1 | KNOB, Parking Brake |
| 0120 | 1738788YP | 1 | KNOB, Cruise |
| 0140 | 1664847SM | 2 | SCREW, Hex Washer Head Taptite, 5/16-18 x 3/4 |
| 0150 | 1919381SM | 2 | WASHER, 5/16 x 1 |
| 0160 | 1738790YP | 1 | COVER, Steering Shaft |
| 0170 | 1753167YP | 1 | HEADLIGHT, LED, LH |
| 0190 | 1739942YP | 2 | SCREW, Pan Head Phillips, #10-24 x 7/8 |
| 0200 | 1738964YP | 1 | ROD, Dash Support, 1/4 Dia. x 10" |
| 0210 | 1933896SM | 2 | NUT, Nylock, 10-24 |
| 0290 | 1753168YP | 1 | HEADLIGHT, LED, RH |
| 0300 | 1753170BM | 1 | BUMPER, Front |
| 0310 | 1752925YP | 1 | TRIM, Hood |
| 0320 | 1960686SM | 2 | NUT, Hex Flange, 5/16-18, ESNA |
| 0330 | 1739329YP | 4 | SCREW |
| 0340 | 189164GS | 4 | PALNUT, 3/16 |
| 0350 | 1960353SM | 2 | WASHER, 1/4 x 27/32 OD |
| 0400 | 1754203YP | 8 | SCREW, 7mm Dia. x 16mm |

Not for Reproduction

**Footnotes:**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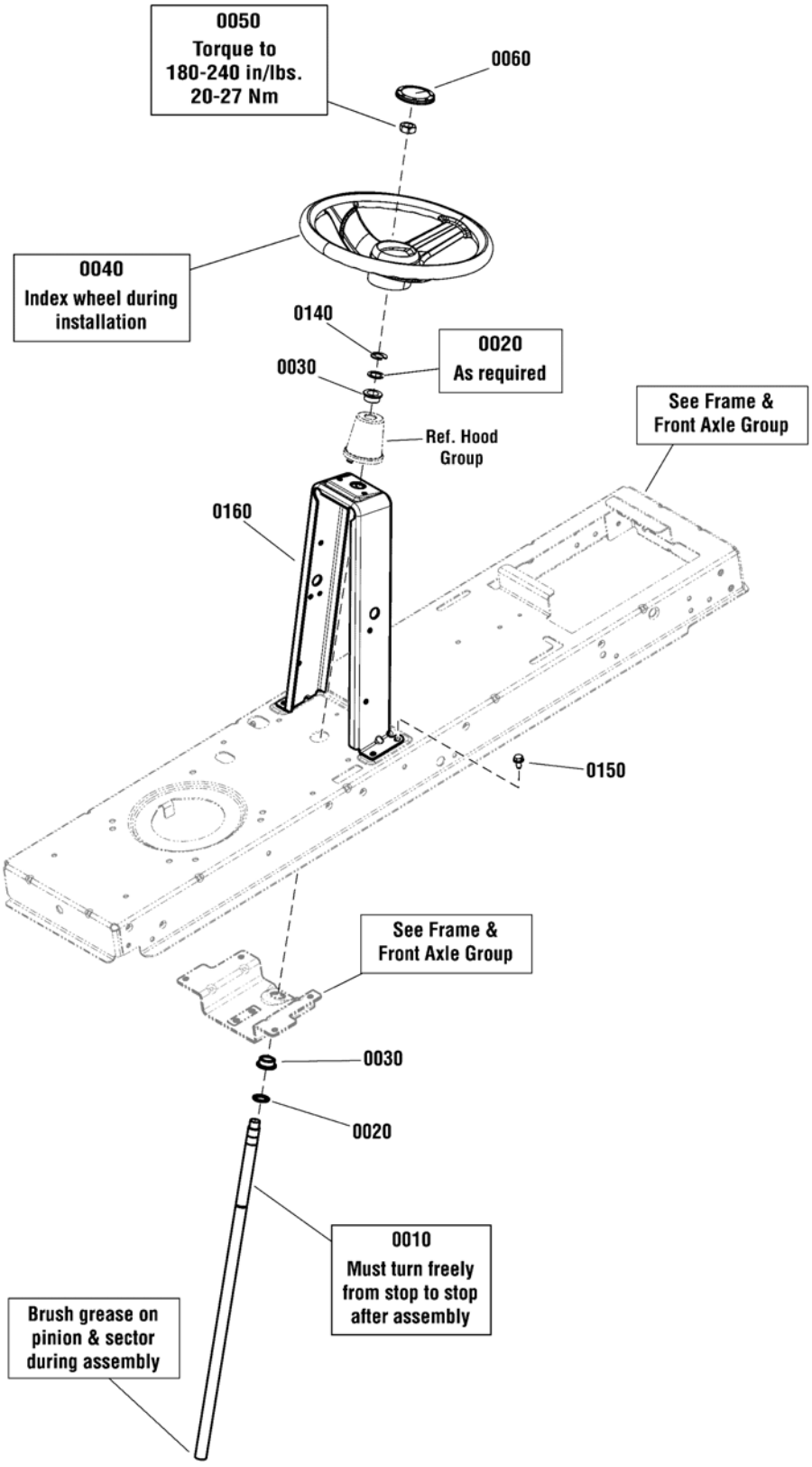
0080
0210
0440
0390
0400
0410
0100
0090
0380
0130
0031
0420
0260
0120
0260
0360
0110
0020
0200
0250
0070
0190
0220
0063
0060-60
0060-50
0060-10
0060-70
0060-40
0020
0300
0031
0060-20
0060-30
0030
Attaches to
Frame Group
0010
0460
0450
0060
0040
0030
0063
0063
0050

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1758849DYP | 1 | SEAT DECK, Red |
| 0020 | 703185 | 4 | BOLT, Carriage, 5/16-18 x 3/4, GR 5 |
| 0030 | 703409 | 4 | NUT, 5/16-18, GR 5 |
| 0031 | 1709256SM | 4 | WASHER, Spring, 5/16 |
| 0040 | 1728007SM | 1 | PAD, Footrest, RH |
| 0050 | 1728006SM | 1 | PAD, Footrest, LH |
| 0060 | 1758414YP | 1 | FUEL TANK ASSEMBLY |
| 0060-10 | 1654930SM | 1 | BUSHING, Fuel Tank |
| 0060-20 | ----- | 1 | FUEL TANK (Order Ref. No. 0060) |
| 0060-30 | 1758506YP | 1 | TUBE, Fuel Pickup |
| 0060-40 | 1758611YP | 1 | SENDER, Fuel |
| 0060-50 | 1758898YP | 1 | PLATE, Mounting, Fuel Sender |
| 0060-60 | 2860665SM | 5 | SCREW, Pan Head Torx, #10-32 x 1/2 |
| 0060-70 | 5101651SM | 1 | CAP, Fuel |
| 0063 | 197546GS | 5 | MOUNT, Vibration |
| 0070 | 1758526YP | 1 | POD, LH |
| 0080 | 1754213YP | 1 | SEAT |
| 0080 | 1759179YP | 1 | SEAT, With Armrest |
| 0090 | 1731300SM | 4 | SPACER, 5/16 ID x 1-1/4 OD x 5/16" |
| 0100 | 1755767BMYP | 1 | SUPPORT, Seat |
| 0110 | 1727268BMYP | 1 | LATCH, Seat |
| 0120 | 1930595SM | 4 | SCREW, Hex Flange, Whiz Lock, 5/16-1-1/4 |
| 0130 | 703298 | 4 | WASHER, 5/16 |
| 0190 | 885538AYP | 1 | PIVOT, Seat |
| 0200 | 703949 | 2 | SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8 |
| 0210 | 1739016YP | 1 | POD, RH |
| 0220 | 1960536SM | 6 | SCREW, Hex Washer Head, Plastite, 1/4 x 1/2 |
| 0230 | 1722302SM | 1 | GRIP |
| 0250 | 703851 | 2 | BOLT, Shoulder, 5/16-18 x 1 |
| 0260 | 703115 | 2 | NUT, Flange Nylock, 5/16-18 |
| 0300 | 885382YP | 2 | WASHER, Rubber |
| 0360 | 1704724SM | 2 | COVER, Spring |
| 0380 | 703225 | 2 | BOLT, Carriage, 5/16-18 x 3/4, GR 5 |
| 0390 | 1923114SM | 1 | CAPSCREW, Hex Head, 1/2-13 x 1, GR 5 |
| 0400 | 703853 | 1 | WASHER, 1/2 |
| 0410 | 5025038SM | 1 | NUT, Hex, 1/2-13 |
| 0420 | 1704728SM | 2 | SPRING, Compression |
| 0440 | 7023354YP | 1 | SWITCH, Seat, Push Button |
| 0450 | 5022673SM | 1 | BUMPER |
| 0460 | 703233 | 1 | NUT, 1/4-20 |

Not for Reproduction

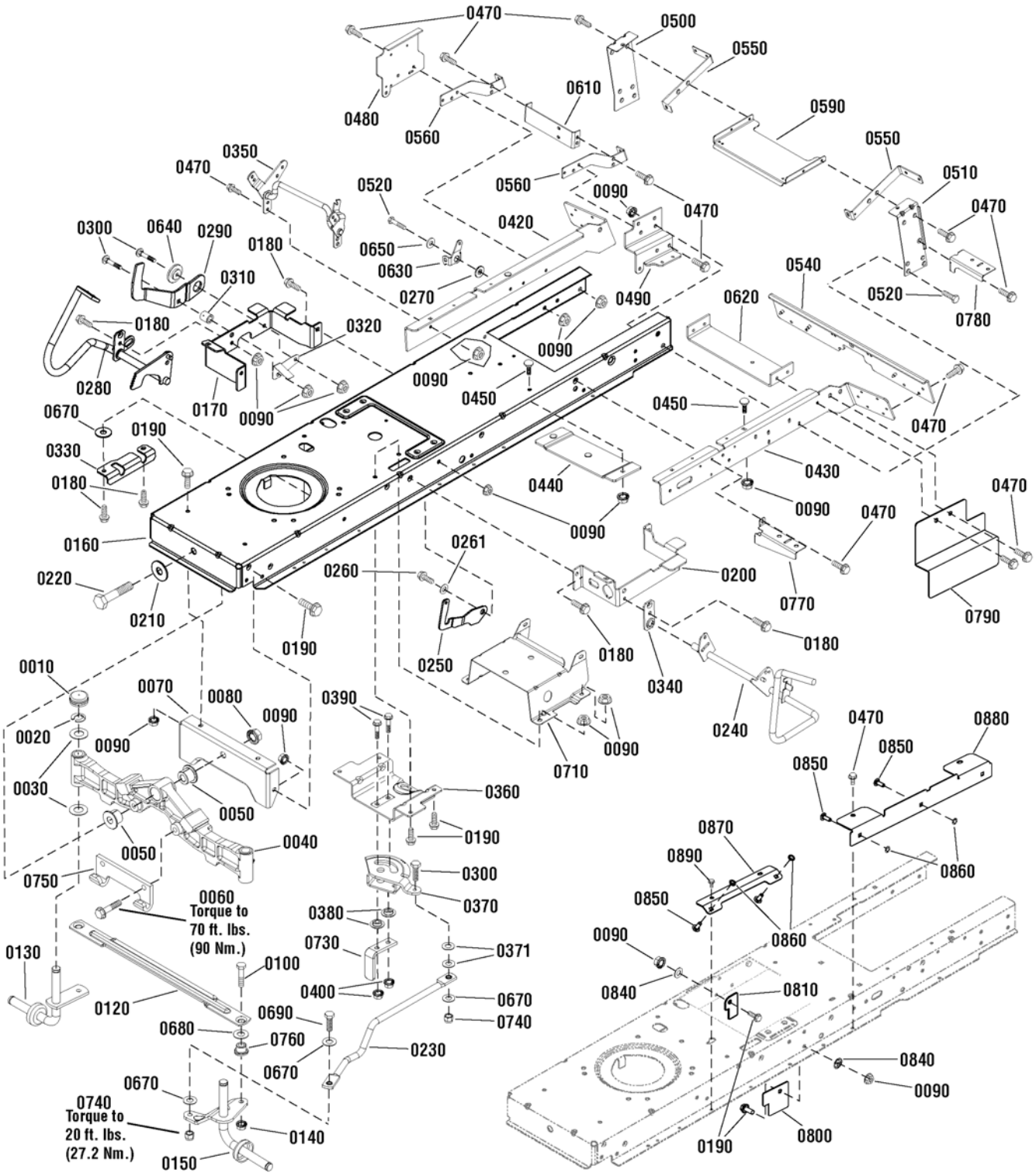
**Footnotes:**


0050
Torque to
180-240 in/lbs.
20-27 Nm
0060
0040
Index wheel during
installation
0140
0020
As required
0030
See Frame &
Front Axle Group
Ref. Hood
Group
0160
0150
See Frame &
Front Axle Group
0030
0020
0010
Must turn freely
from stop to stop
after assembly
Brush grease on
pinion & sector
during assembly

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1727813SM | 1 | SHAFT, Steering Gear & Spline |
| 0020 | 1960114SM | 2 | WASHER, 3/4 x 1 |
| 0030 | 1729665SM | 2 | BUSHING, Steering |
| 0040 | 1728069SM | 1 | STEERING WHEEL (Use on 96cm Models) |
| 0040 | 7078088YP | 1 | STEERING WHEEL (Use on 107cm Models) |
| 0050 | 1960576SM | 2 | NUT, Hex Lock, 5/16-18 |
| 0060 | 1725024SM | 1 | CAP, Steering Wheel, Plain |
| 0140 | 1611710SM | 1 | RING, Klipring Extension |
| 0150 | 1930601SM | 4 | SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8 |
| 0160 | 885835BMYP | 1 | TOWER |

Not for Reproduction

**Footnotes:**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0500
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0610
0480
0560
0590
0550
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0470
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0510
0520
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0470
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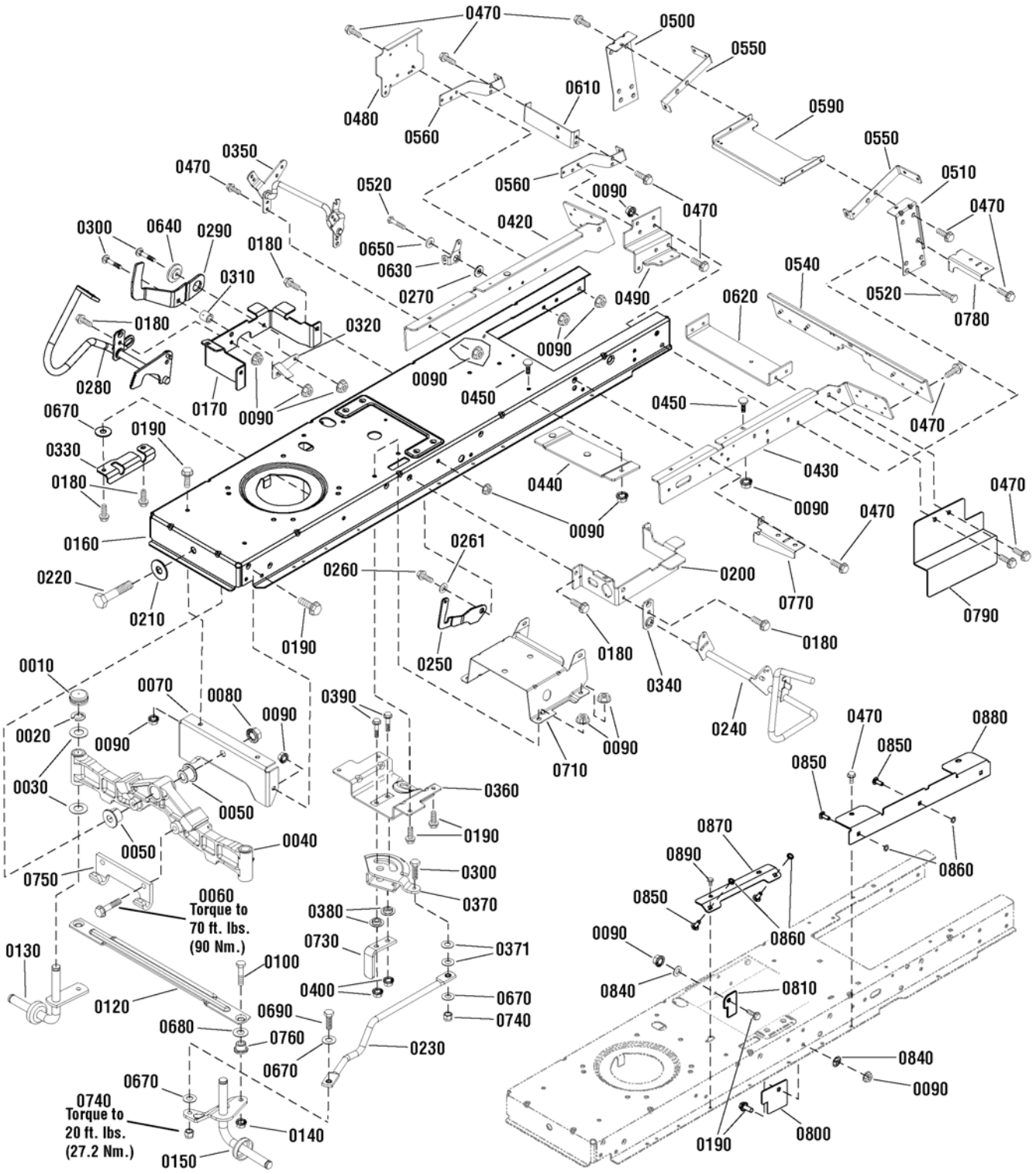
0300
0640
0290
0420
0180
0650
0630
0310
0270
0490
0540
0620
0520
0780
0180
0320
0090
0090
0450
0450
0470
0280
0170
0090
0670
0190
0330
0180
0440
0430
0090
0470
0470
0160
0090
0261
0260
0200
0220
0210
0190
0250
0770
0790
0180
0180
0340
0010
0070
0080
0090
0390
0240
0470
0880
0020
0090
0710
0090
0850
0850
0030
0360
0860
0050
0190
0870
0050
0040
0890
0300
0750
0850
0370
0060
Torque to
70 ft. lbs.
(90 Nm.)
0380
0860
0130
0730
0371
0090
0100
0400
0840
0810
0120
0670
0690
0740
0680
0760
0230
0670
0840
0670
0090
0740
Torque to
20 ft. lbs.
(27.2 Nm.)
0140
0800
0190
0150

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1734135SM | 2 | CAP, Hub |
| 0020 | 1611710SM | 2 | E-RING, 3/4 |
| 0030 | 2860183SM | 4 | WASHER, Flat, 3/4 |
| 0040 | 1756386YP | 1 | AXLE, Front |
| 0050 | 1730186SM | 2 | BUSHING |
| 0060 | 1960652SM | 2 | SCREW, Hex Flange, Whiz Lock, 7/16-14 x 1-1/2 |
| 0070 | 1727902SM | 1 | PLATE, Axle Support |
| 0080 | 2860646SM | 1 | NUT, Hex Flange Two-Way Lock, 5/8-11 |
| 0090 | 703409 | 30 | NUT, Hex Flange, 5/16-18, GR 5 |
| 0100 | 1960032SM | 2 | CAPSCREW, Hex Head, 3/8-16 x 1-1/4, .141 Thread G5 |
| 0120 | 1751964YP | 1 | TIE ROD |
| 0130 | 1727872ASM | 1 | SPINDLE & CUP ASSEMBLY, R.H. |
| 0140 | 703893 | 2 | NUT, Hex, Flange, Locking, 3/8-16 |
| 0150 | 1751922YP | 1 | SPINDLE & ARM ASSEMBLY, L.H. |
| 0160 | 1758743 | 1 | FRAME (Not a serviceable part) |
| 0170 | 1727904SM | 1 | SUPPORT, Front Footrest R.H. |
| 0180 | 703949 | 8 | SCREW, Taptite, 5/16-18 x 5/8 |
| 0190 | 703354 | 12 | CAPSCREW, Hex Head, Flange Whiz Lock, 5/16-18 x 3/4 |
| 0200 | 885536AYP | 1 | SUPPORT, Front Footrest L.H. |
| 0210 | 1960035SM | 1 | WASHER, Flat, 5/8 |
| 0220 | 2860744SM | 1 | CAPSCREW, Hex Head, 5/8-11 x 3-1/4 G5 |
| 0230 | 1738051YP | 1 | LINK, Drag |
| 0240 | 1755925YP | 1 | PEDAL ASSEMBLY, Brake |
| 0250 | 1735595YP | 1 | LATCH, Brake Lock |
| 0260 | 703851 | 1 | BOLT, Shoulder, 5/16-18 x 1-1/8 |
| 0261 | 7014296YP | 1 | WASHER |
| 0270 | 1727935SM | 1 | SPACER, Pivot |
| 0280 | 1736714AYP | 1 | PEDAL ASSEMBLY, Forward |
| 0290 | 1727246SM | 1 | PEDAL, Reverse |
| 0300 | 703446 | 2 | BOLT, Carriage, 5/16-18 x 1-1/4 |
| 0310 | 1728024SM | 1 | SPACER, Foot Pedal |
| 0320 | 1728025BMYP | 1 | ACTUATOR, RMO Switch |
| 0330 | 885591AYP | 1 | BRACKET, Pedal Pivot |
| 0340 | 1727911ASM | 1 | PLATE, Bearing |
| 0350 | 1758772YP | 1 | LIFT SHAFT ASSEMBLY |
| 0360 | 1727940SM | 1 | BRACKET, Sector Support |
| 0370 | 1751110YP | 1 | GEAR, Steering |
| 0371 | 703298 | 2 | WASHER, 5/16 |
| 0380 | 1728122SM | 2 | SPACER, Sector Gear |
| 0390 | 1960032SM | 2 | SCREW, Hex Head, 3/8-16 x 1-1/4, G5 |
| 0400 | 703893 | 2 | NUT, Hex Flange, Center Lock, 3/8-16 |
| 0420 | 1758741YP | 1 | BRACKET, Rear Frame, RH |
| 0430 | 1758740YP | 1 | BRACKET, Rear Frame, LH |
| 0440 | 885532AYP | 1 | BRACE, Middle Cross |

**Footnotes:**

Not for Reproduction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0500
0550
0610
0480
0560
0590
0550
0350
0470
0560
0510
0520
0090
0470
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0300
0640
0290
0420
0180
0650
0630
0540
0310
0270
0490
0620
0520
0180
0320
0090
0780
0280
0170
0090
0090
0450
0450
0470
0670
0190
0330
0180
0440
0430
0090
0470
0470
0160
0090
0261
0260
0200
0220
0210
0190
0770
0790
0180
0250
0340
0180
0240
0010
0070
0080
0090
0390
0470
0880
0020
0090
0090
0710
0850
0850
0030
0360
0860
0050
0190
0870
0050
0040
0300
0890
0750
0370
0850
0060
Torque to
70 ft. lbs.
(90 Nm.)
0380
0860
0090
0130
0730
0371
0100
0400
0840
0810
0120
0670
0690
0740
0680
0760
0230
0670
0840
0670
0740
Torque to
20 ft. lbs.
(27.2 Nm.)
0140
0090
0190
0800
0150

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0450 | 703185 | 5 | BOLT, Carriage, Short Neck, 5/16-18 x 3/4, G5 |
| 0470 | 703228 | 32 | CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4 |
| 0480 | 885474AYP | 1 | BRACKET, Transaxle, RH |
| 0490 | 885475AYP | 1 | BRACKET, Transaxle, LH |
| 0500 | 885411AYP | 1 | SUPPORT, Deck, R.H. |
| 0510 | 885412AYP | 1 | SUPPORT, Deck, L.H. |
| 0520 | 703585 | 9 | CAPSCREW, Hex Head, 5/16-18 x 1, G5 |
| 0540 | 885469AYP | 1 | BRACKET, Middle Back Plate |
| 0550 | 1758921YP | 2 | SUPPORT, Upper, Back Plate |
| 0560 | 885467AYP | 2 | SUPPORT, Lower, Back Plate |
| 0590 | 885503AYP | 1 | BRACE, Cross Deck Support |
| 0610 | 885890YP | 1 | BRACKET, Torque |
| 0620 | 885486AYP | 1 | BRACKET, Idler Mount |
| 0630 | 1728990ASM | 1 | CLEVIS, Lift |
| 0640 | 1727935SM | 1 | SPACER, Pivot |
| 0650 | 1960044SM | 1 | WASHER, 5/16 |
| 0670 | 1919326SM | 5 | WASHER, 5/16 |
| 0680 | 1960703SM | 2 | WASHER, 5/8 |
| 0690 | 703570 | 2 | CAPSCREW, Hex Head, 5/16-18 x 1-1/4, GR 5 |
| 0710 | 1727282ASM | 1 | SUPPORT, Battery |
| 0730 | 885791YP | 1 | UPSTOP |
| 0740 | 704067 | 2 | NUT, Hex Flange, Center Lock, 5/16-18 |
| 0750 | 1721918ASM | 1 | HOOK, Mower, Hitch |
| 0760 | 1731912SM | 2 | BUSHING, 3/8 ID x 5/8 OD x 1/2" |
| 0770 | 1758692YP | 2 | BRACKET, Fuel Tank, Front |
| 0780 | 1758691YP | 1 | BRACKET, Fuel Tank, Rear |
| 0790 | 885892YP | 2 | GUARD, Rear |
| 0800 | 1759002BMYP | 1 | GUARD, Stack Pulley, LH |
| 0810 | 1759003BMYP | 1 | GUARD, Stack Pulley, RH |
| 0840 | 703297 | 2 | PUSHNUT, 5/16 |
| 0850 | 703101 | 8 | BOLT, Carriage, 1/4-20 x 3/4 |
| 0860 | 703826 | 8 | PUSHNUT, 1/4 |
| 0870 | 1758978BMYP | 2 | BRACKET, Guard |
| 0880 | 1758974BMYP | 2 | GUARD, Middle |
| 0890 | 704130 | 4 | SCREW, Hex Head, Taptite, 1/4-20 x 1/2 |

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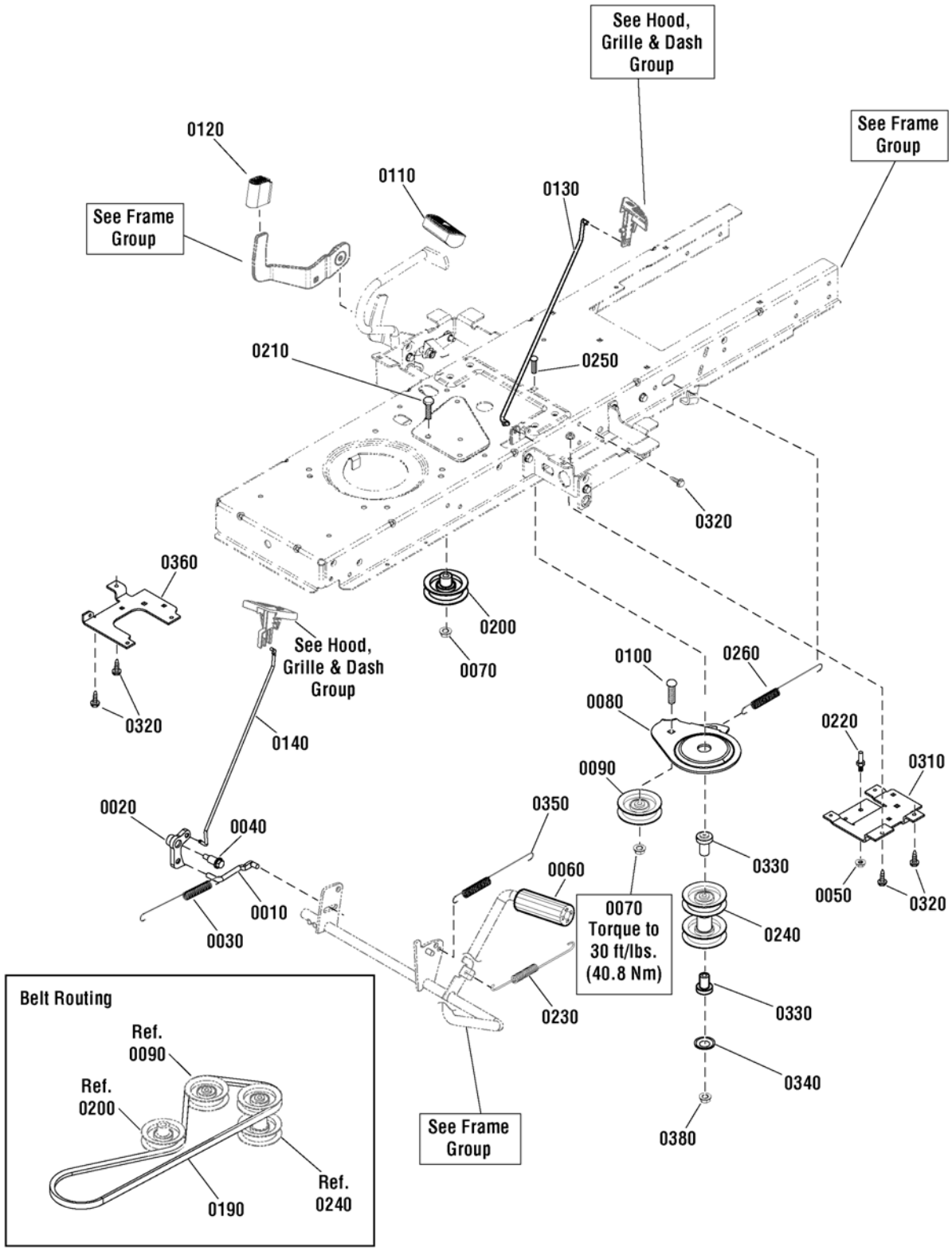
**Footnotes:**


See Hood, Grille & Dash Group
See Frame Group
0120
0110
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See Frame Group
0210
0250
0320
0360
0200
See Hood, Grille & Dash Group
0070
0100
0260
0080
0220
0310
0320
0140
0090
0020
0040
0350
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0060
0050
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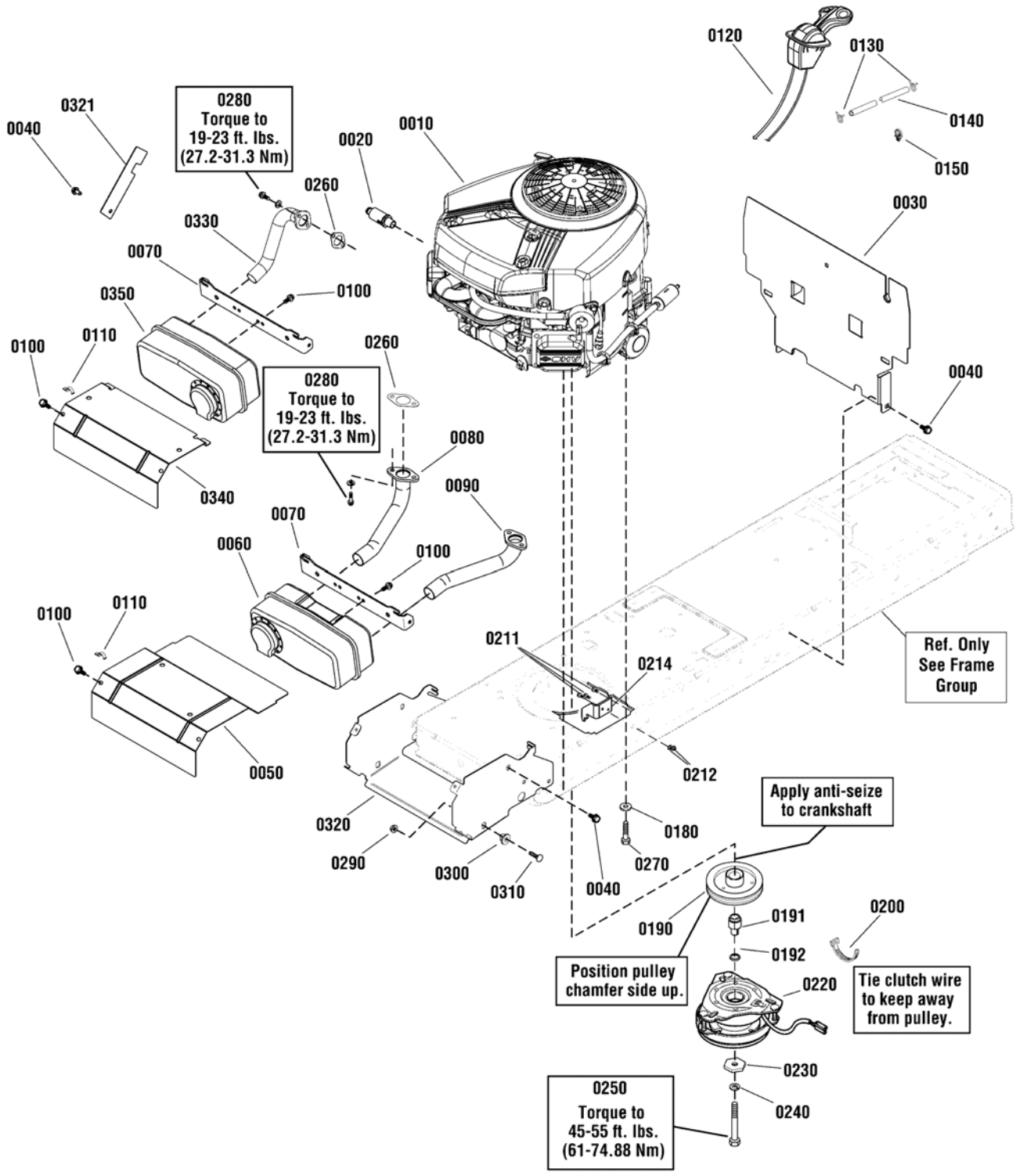
0010
0030
0070 Torque to 30 ft/lbs. (40.8 Nm)
0240
0330
0230
0340
0380
See Frame Group
Belt Routing
Ref. 0090
Ref. 0200
Ref. 0240
0190

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1727899SM | 1 | ROD, Cruise Latch, 2.83" |
| 0020 | 1727897SM | 1 | LATCH, Cruise |
| 0030 | 2159181SM | 1 | SPRING, Extension 7-3/4 |
| 0040 | 1728976SM | 1 | BOLT, Shoulder, 5/16-18 x 1-5/8 |
| 0050 | 703409 | 2 | NUT, Flange, 5/16-18, G5 |
| 0060 | 1727261SM | 1 | PEDAL, Brake Rubber |
| 0070 | 703158 | 2 | NUT, Hex Flange, ESNA, 3/8-16 |
| 0080 | 885410AYP | 1 | BRACKET, Idler Front Movable |
| 0090 | 885645YP | 1 | PULLEY, 3 OD Plastic |
| 0100 | 1931352SM | 1 | BOLT, Carriage, 3/8-16 x 1-1/2 |
| 0110 | 1721675SM | 1 | PAD, Foot Pedal, Forward |
| 0120 | 1727259SM | 1 | PAD, Foot Pedal, Reverse |
| 0130 | 1739876YP | 1 | ROD, Parking Brake |
| 0140 | 1739877YP | 1 | ROD, Cruise Latch |
| 0190 | 885895YP | 1 | BELT, Primary, M/D (47.89" EL, HA Section) |
| 0200 | 885894YP | 1 | IDLER, Backside |
| 0210 | 704289 | 1 | CAPSCREW, Hex Head, 3/8-16 x 1-3/4, G5 |
| 0220 | 885534YP | 1 | BELT GUIDE |
| 0230 | 885421YP | 1 | SPRING, Extension |
| 0240 | 885426YP | 1 | PULLEY, Secondary Stack |
| 0250 | 885577YP | 1 | BOLT, Carriage, 3/8-16 x 5 |
| 0260 | 1729620SM | 1 | SPRING, Extension 7-1/2" |
| 0310 | 885684BMYP | 1 | BRACKET, Stack Pulley, Left |
| 0320 | 703228 | 4 | SCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4 |
| 0330 | 885575YP | 2 | SPACER |
| 0340 | 703986 | 1 | NUT, Push Pal, 3/8 |
| 0350 | 1721995SM | 1 | SPRING, Extension |
| 0360 | 885685BMYP | 1 | BRACKET, Stack Pulley, Right |
| 0380 | 703893 | 1 | NUT, Hex Flange, Centerlock, 3/8-16 |

Not for Reproduction

**Footnotes:**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0040
0321
0280
Torque to
19-23 ft. lbs.
(27.2-31.3 Nm)
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0260
0330
0070
0100
0350
0110
0100
0260
0280
Torque to
19-23 ft. lbs.
(27.2-31.3 Nm)
0080
0090
0340
0070
0060
0100
0100
0110
0050
0211
0214
Ref. Only
See Frame
Group
0212
Apply anti-seize
to crankshaft
0320
0290
0300
0310
0040
0180
0270
0190
0191
0200
0192
Position pulley
chamfer side up.
0220
Tie clutch wire
to keep away
from pulley.
0230
0250
Torque to
45-55 ft. lbs.
(61-74.88 Nm)
0240

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 31R977-0039-B1 | 1 | * ENGINE, Briggs & Stratton 4195 Series Inkek, Single (Engine Model: 31R977-0039-B1) |
| 0010 | 40R877-0025-B1 | 1 | * ENGINE, Briggs & Stratton 7220 Intek, Twin Series (Engine Model: 40R877-0025-B1) |
| 0010 | 44S877-0039-B1 | 1 | * ENGINE, Briggs & Stratton 8270 Twin Series (Engine Model: 44S877-0039-B1) |
| 0020 | 1750159YP | 1 | VALVE, Shut Off Oil Drain |
| 0030 | 1738380AYP | 1 | HEAT SHIELD |
| 0040 | 703949 | 10 | SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8 |
| 0050 | 1727997ASM | 1 | HEAT SHIELD, Twin |
| 0060 | 885954YP | 1 | MUFFLER, Twin |
| 0070 | 1759176BM | 1 | SUPPORT, Muffler (Single) |
| 0070 | 1727976BMYP | 1 | SUPPORT, Muffler (Twin) |
| 0080 | 1727979SM | 1 | EXHAUST PIPE, RH (Twin) |
| 0090 | 1727980SM | 1 | EXHAUST PIPE, LH (Twin) |
| 0100 | 704130 | 2 | SCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2 (Qty 4 used on Twin) |
| 0110 | 2172434SM | 1 | WIRE CLIP |
| 0120 | 1738794YP | 1 | THROTTLE CONTROL, Choke-A-Matic (Single) |
| 0120 | 1750217YP | 1 | THROTTLE CONTROL, Choke-A-Matic (Twin) |
| 0130 | 791850 | 2 | CLAMP, Hose |
| 0140 | 845503 | 1 | HOSE, Fuel |
| 0180 | 703864 | 1 | WASHER, External Tooth, 3/8 |
| 0190 | 1732576SM | 1 | PULLEY & HUB ASSEMBLY, Engine |
| 0191 | 885679YP | 1 | SPACER, Electric Clutch |
| 0192 | 885810YP | 1 | SPACER, Electric Clutch |
| 0200 | 1701011SM | 3 | TIE, Self Locking |
| 0211 | 704287 | 2 | SCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4 |
| 0212 | 703409 | 2 | NUT, Flange, 5/16-18 |
| 0214 | 885535AYP | 1 | BRACKET, Electric Clutch Torque |
| 0220 | 885680YP | 1 | CLUTCH, Electric, GT1A-EH07 |
| 0230 | 1708264SM | 1 | WASHER, 7/16 |
| 0240 | 704007 | 1 | LOCKWASHER, Split, 7/16 |
| 0250 | 7102075YP | 1 | CAPSCREW, Hex Head, 7/16-20 x 5 |
| 0260 | 1731214SM | 1 | GASKET, Exhaust (Qty 2 used on Twin) |
| 0270 | 2827187SM | 4 | SCREW, Hex Washer, Taptite, 3/8-16 x 1 |
| 0280 | 690341 | 2 | ** SCREW, Hex SEMS Lock Washer 5/16-18 x 7/8 (Qty 4 used on Twin) |
| 0290 | 703409 | 2 | NUT, Hex Flange, Whiz Lock, 5/16-18 |
| 0300 | 1728086SM | 2 | PIVOT, Hood |
| 0310 | 703800 | 2 | BOLT, Carriage, 5/16-18 x 1 |
| 0320 | 1738265AYP | 1 | BRACKET, Muffler |
| 0321 | 1736025BMYP | 1 | GUARD, Pulley |
| 0330 | 1728959SM | 1 | EXHAUST PIPE, Single |
| 0340 | 1727996ASM | 1 | HEAT SHIELD, Single |
| 0350 | 885615YP | 1 | MUFFLER, Single |

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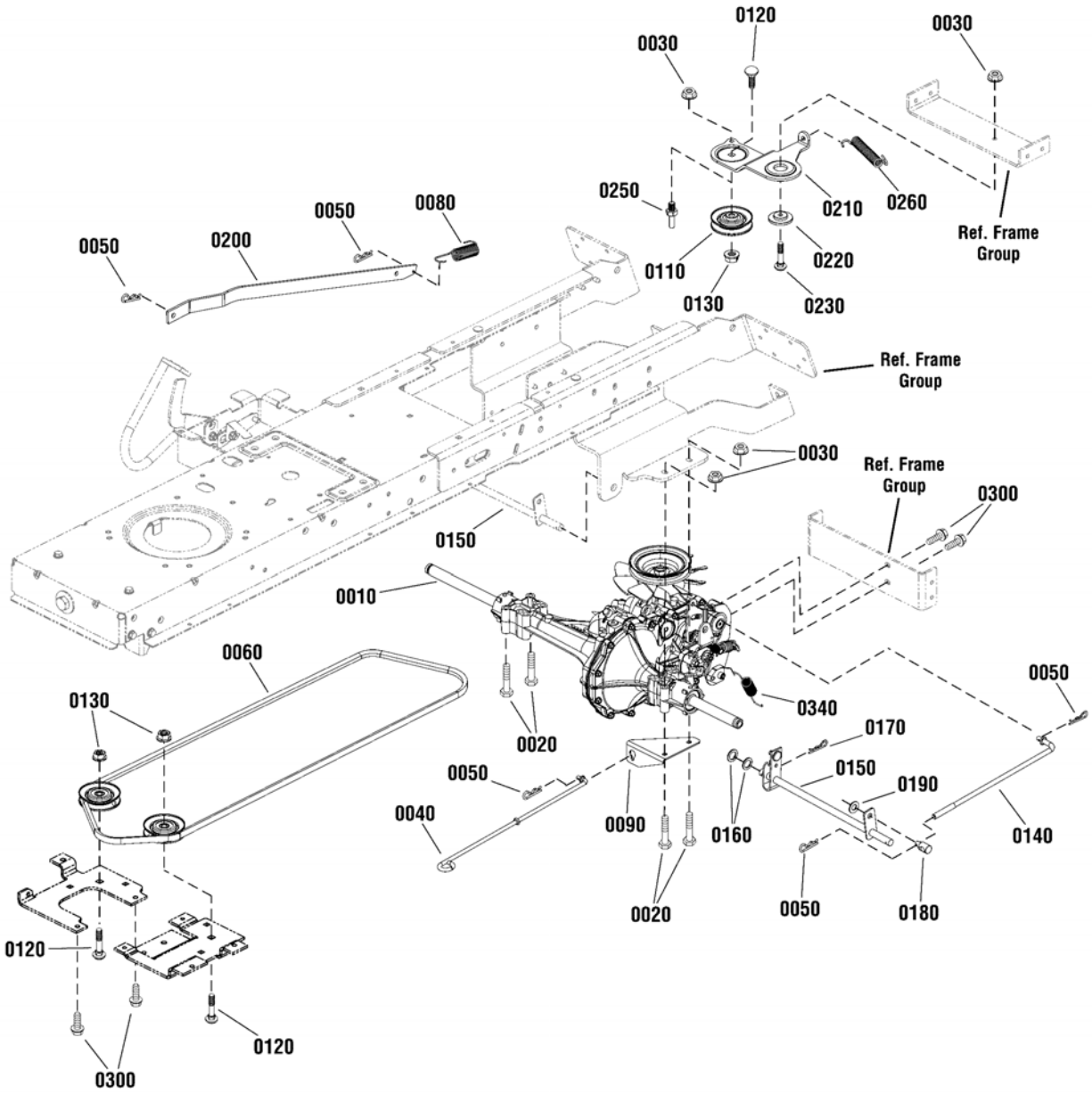
**Footnotes:**

Note* To verify your specific engine model, please reference the ID Tag located on your engine. See your local Briggs & Stratton distributor for parts and service.

Note: ** Purchase engine parts from engine manufacture dealer.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Ref. Frame Group
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| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 885528YP | 1 | * TRANSMISSION, Hydro Gear, 610 |
| 0020 | 703869 | 4 | SCREW, Hex Head Flange Lock, 5/16-18 x 2-3/4, G5 |
| 0030 | 703409 | 6 | NUT, Hex Flange, Whiz Lock, 5/16-18 |
| 0040 | 885436YP | 1 | LEVER, Roll Release |
| 0050 | 703430 | 5 | PIN, Quick |
| 0060 | 885495YP | 1 | BELT, Secondary (81.37" EL, HA section) |
| 0080 | 165X75MA | 1 | SPRING, Extension |
| 0090 | 885868BMYP | 1 | BRACKET, Roll Release |
| 0110 | 885645YP | 3 | PULLEY, Idler |
| 0120 | 1931352SM | 3 | BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2, G5 |
| 0130 | 703893 | 3 | NUT, Hex Flange, Centerlock, 3/8-16 |
| 0140 | 885476YP | 1 | SPEED CONTROL, Short Link |
| 0150 | 885477AYP | 1 | SPEED CONTROL ASSEMBLY |
| 0160 | 017X91MA | 2 | WASHER, Flat, 13/16 |
| 0170 | 703300 | 1 | PIN, Cotter |
| 0180 | 021920ZMA | 1 | NUT, Adjusting |
| 0190 | 703590 | 1 | WASHER, Flat, .41 |
| 0200 | 885480AYP | 1 | LINK, Speed Control |
| 0210 | 885409AYP | 1 | BRACKET, Idler, Rear |
| 0220 | 1727935SM | 1 | SPACER, Pivot |
| 0230 | 703800 | 1 | BOLT, Carriage, Short Neck, 5/16-18 x 1, G5 |
| 0250 | 885077YP | 1 | BELT GUIDE |
| 0260 | 1731939SM | 1 | SPRING, Extension |
| 0300 | 703228 | 4 | CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4 |
| 0340 | 165X92MA | 1 | SPRING, Extension |

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**Footnotes:**

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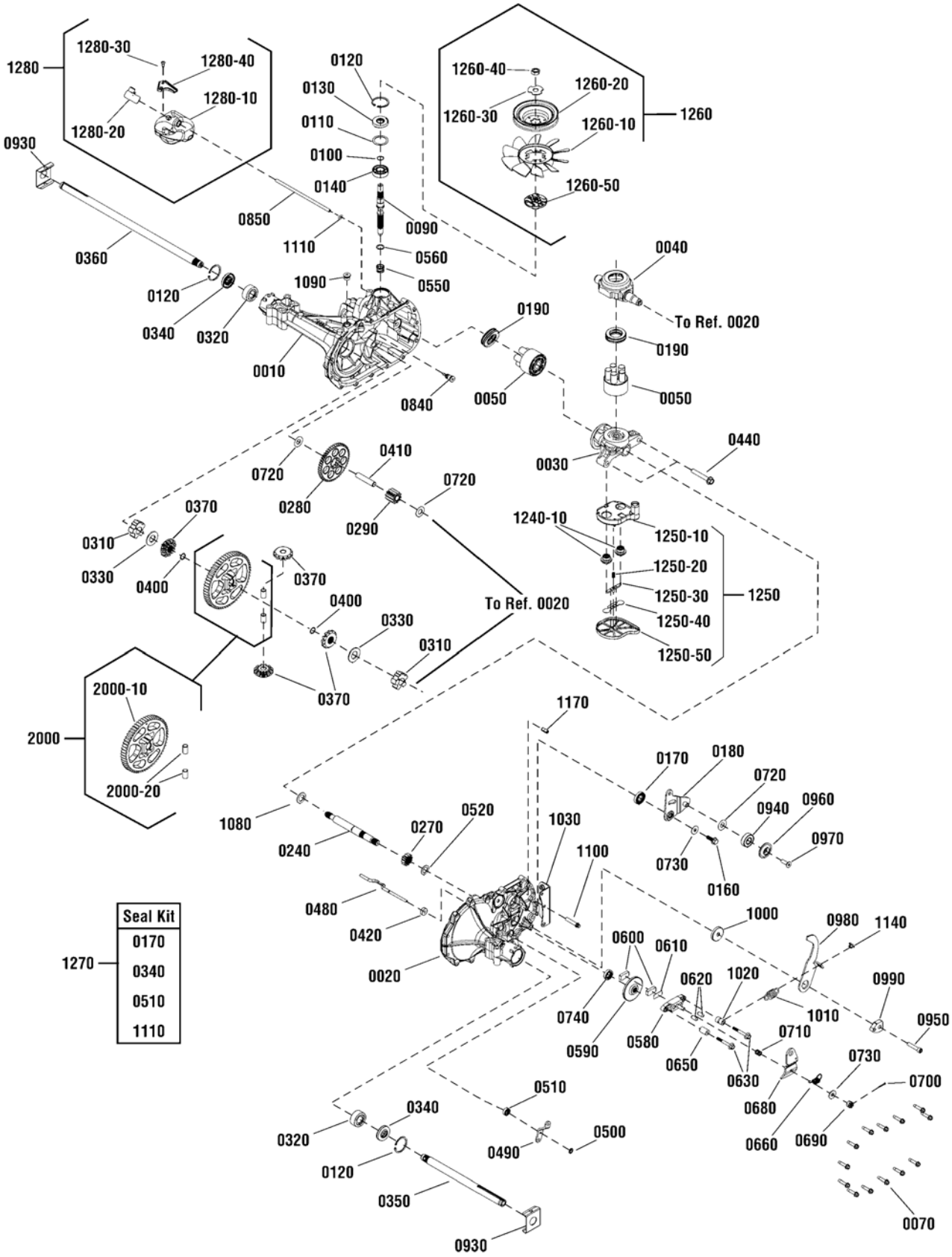
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Seal Kit
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| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | ----- | 1 | * MAIN HOUSING ASSEMBLY |
| 0020 | ----- | 1 | * SIDE HOUSING ASSEMBLY |
| 0030 | ----- | 1 | * CENTERSECTION ASSEMBLY |
| 0040 | ----- | 1 | * TRUNNION, Swashplate |
| 0050 | ----- | 2 | * BLOCK ASSEMBLY |
| 0060 | ----- | 1 | * SEALANT, 10.1 oz. (Not Illustrated) |
| 0070 | ----- | 14 | * SCREW, Hex Washer, 1/4-20 x 1-1/8 |
| 0090 | 1752461 | 1 | SHAFT, Input |
| 0100 | 1715270 | 1 | RING, Retaining |
| 0110 | 1752462 | 1 | WASHER, Flat, 1.23 x 1.57 x .04 |
| 0120 | 1752463 | 3 | RING, RETAINING |
| 0130 | 1752464 | 1 | SEAL, LIP 17 x 40 x 12 |
| 0140 | 1752465 | 1 | BEARING, BALL 17 x 40 x 12 |
| 0160 | ----- | 1 | * SCREW, Hex Flange, With Patch, 5/16-24 x 15/16 |
| 0170 | ----- | 1 | * SEAL, Lip, 18 x 32 x 7 (Not a servicable part, order kit # 1270) |
| 0180 | ----- | 1 | * ARM, Control |
| 0190 | 1715144 | 2 | * BEARING, Thrust, 30 x 52 x 13 |
| 0240 | ----- | 1 | * SHAFT, Motor |
| 0270 | ----- | 1 | * GEAR, Pinion, 12T |
| 0280 | ----- | 1 | * GEAR, 10T/49T |
| 0290 | ----- | 1 | * GEAR, Jackshaft, 10T |
| 0310 | ----- | 2 | * BUSHING, Sleeve (Inboard) |
| 0320 | ----- | 2 | * BUSHING, Sleeve, 3/4 x 1-1.571 x 5/8 |
| 0330 | ----- | 2 | * WASHER, Flat, 3/4 x 1-1/2 x 7/64 |
| 0340 | ----- | 2 | * SEAL, Lip, 3/4 x 1.577 x 1/4 (Not a servicable part, order kit # 1270) |
| 0350 | ----- | 1 | * SHAFT, Axle, 3/4 x 11.39 (Key, RH) |
| 0360 | ----- | 1 | * SHAFT, AXLE, 3/4 x 16.99 (Key, LH) |
| 0370 | ----- | 1 | * KIT, Miter Gear |
| 0400 | ----- | 2 | * RING, Retaining Spiral |
| 0410 | ----- | 1 | * PIN, Jackshaft, 1/2 x 2.43 |
| 0420 | ----- | 1 | * MAGNET, Ring |
| 0440 | 1717965 | 2 | SCREW, Hex Flange, 3/8-24 x 2-1/2 |
| 0480 | ----- | 1 | * ROD, Actuator Bypass |
| 0490 | ----- | 1 | * ARM, Bypass |
| 0500 | ----- | 1 | * RING, Retaining, External, 1/4 |
| 0510 | ----- | 1 | * SEAL, Lip, 1/4 x 3/4 x 1/4 TC (Not a servicable part, order kit # 1270) |
| 0520 | ----- | 1 | * WASHER, Flat, 5/8 x 1 x 1/2 |
| 0530 | ----- | 1 | * RING, Retaining |
| 0540 | ----- | 1 | * BUSHING, Center Block |
| 0550 | ----- | 1 | * SPRING, Block |
| 0560 | ----- | 1 | * WASHER, Thrust, .59 x .79 x .04 |
| 0580 | ----- | 1 | * BRAKE YOKE KIT |
| 0590 | ----- | 1 | * DISK, Brake |
| 0600 | ----- | 2 | * PUCK, Brake |

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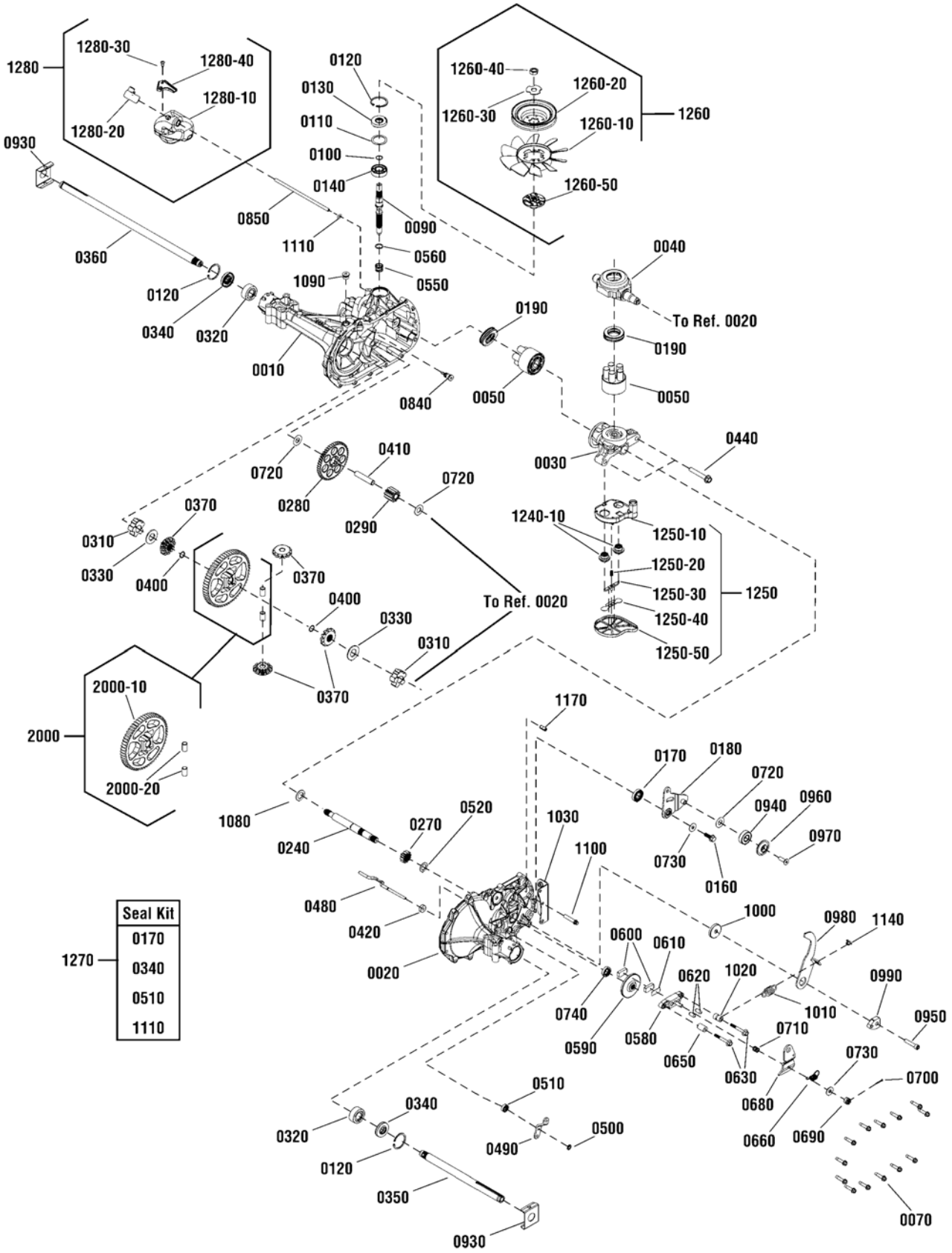
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Seal Kit
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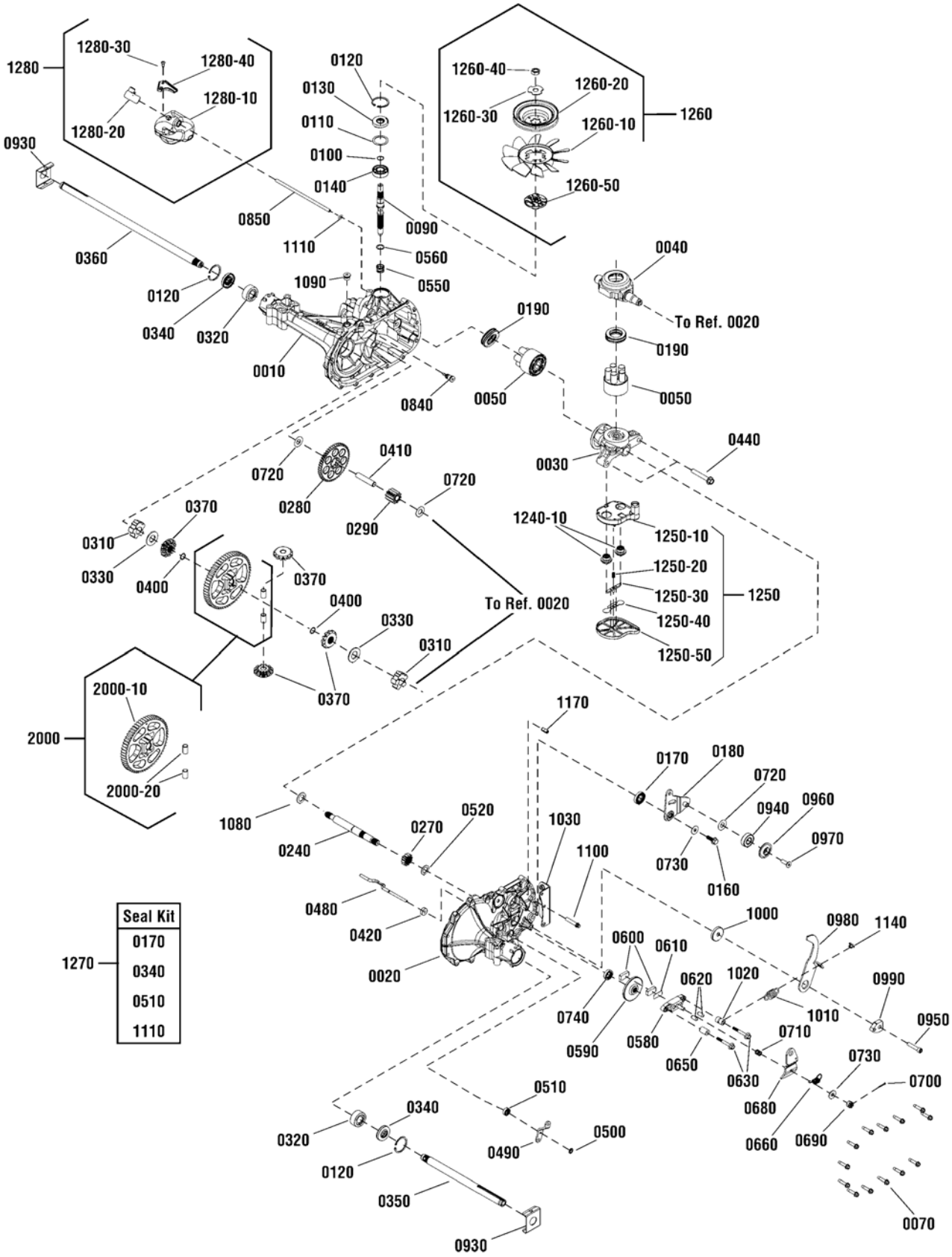
| Item | Part No | Qty | Description |
|---|---|---|---|
| 0610 | ----- | 1 | * PLATE, Puck |
| 0620 | ----- | 2 | * PIN, Brake Actuating |
| 0630 | ----- | 2 | * SCREW, Hex Head, With Patch, 1/4-20 x 2 |
| 0650 | 1715199 | 1 | SPACER, .26 x .57 x .87 |
| 0660 | ----- | 1 | * SPRING, Brake arm Bias |
| 0670 | 1706160 | 1 | SCREW, Square Head, Ribbed, 5/16-24 |
| 0680 | ----- | 1 | * ARM, Brake |
| 0690 | ----- | 1 | * NUT, Castle, 5/16-24 |
| 0700 | ----- | 1 | * PIN, Cotter, 3/32 x 3/4 |
| 0710 | ----- | 1 | * SPRING, Compression Brake, Anti-Drag |
| 0720 | ----- | 3 | * WASHER, Flat, .51 x 1.0 x .03 |
| 0730 | ----- | 2 | * WASHER, Flat, .34 x .88 x .06 |
| 0740 | ----- | 1 | * KIT, Seal |
| 0840 | ----- | 1 | * FITTING, 5/16 SAE 5/32 TUBE |
| 0850 | ----- | 1 | * HOSE, Expansion Tank, 7.56 In. |
| 0930 | 1752466 | 2 | SPRING CLIP, Housing Thrust (3/4" Axle) |
| 0940 | ----- | 1 | * BEARING, Ball, .62 x 1.38 x .44 |
| 0950 | ----- | 1 | * CAPSCREW, Socket Head, 5/16-24 x 1-1/2 |
| 0960 | ----- | 1 | * SPACER, Locating |
| 0970 | ----- | 1 | * SCREW, Countersunk, 5/16-18 x 1 |
| 0980 | ----- | 1 | * ARM, Return |
| 0990 | ----- | 1 | * PUCK, Adjusting |
| 1000 | ----- | 1 | * WASHER, Flat, .32 x 1.60 x .24 |
| 1010 | ----- | 1 | * SPRING, Extension, Double Loop |
| 1020 | ----- | 1 | * SPACER, .26 x .56 x .87 |
| 1030 | ----- | 1 | * BRACKET, Torque |
| 1080 | ----- | 1 | * WASHER, Flat, .71 x 1.16 x .04 |
| 1090 | ----- | 1 | * PLUG, 9/16-18 (METAL) |
| 1100 | ----- | 1 | * SCREW, Torx Head, 5/16-18 x 1-1/2 |
| 1110 | ----- | 1 | * O-RING, .299 x .505 x . 103 (Not a servicable part, order kit # 1270) |
| 1140 | ----- | 1 | * SPRING, Guide |
| 1170 | ----- | 1 | * PIN, Spring, .304 x .75 |
| 1240 | ----- | 1 | * CENTERSECTION ASSEMBLY, Filter, Bypass (Not Illustrated) (Includes Ref. Nos. 0030, 1240-10 & 1250) |
| 1240-10 | ----- | 1 | * CENTERSECTION (5-Piston) (Not a serviceable part, order kit #1240) |
| 1250 | ----- | 1 | * FILTER ASSEMBLY (Includes Ref. Nos. 1250-10, 1250-20, 1250-30, 1250-40 & 1250-50) |
| 1250-10 | ----- | 1 | * BASE, Filter, With Poppet (Not a serviceable part, order kit #1250) |
| 1250-20 | ----- | 1 | * SPRING, Bypass, 1/2" (Not a serviceable part, order kit #1250) |
| 1250-30 | ----- | 1 | * ACTUATOR, Bypass (Not a serviceable part, order kit #1250) |
| 1250-40 | ----- | 1 | * DEFLECTOR (Not a serviceable part, order kit #1250) |
| 1250-50 | ----- | 1 | * BOTTOM, Filter (Not a serviceable part, order kit #1250) |
| 1260 | 1752467 | 1 | FAN & PULLEY KIT (Includes Ref. Nos. 1260-10, 1260-20, 1260-30, 1260-40 & 1260-50) |
| 1260-10 | ----- | 1 | * FAN, 7" (10 BLADE) (Not a serviceable part, order kit #1260) |
| 1260-20 | ----- | 1 | * PULLEY, Cupped, 4-1/2" (Not a serviceable part, order kit #1260) |

Not for Reproduction

**Footnotes:**

Note* See your local authorized dealership for parts and warranty or contact Hydro Gear at www.hydro-gear.com/Support/NorthAmerica.aspx (U.S. 1-877-728-7410 Int'l 32 (0) 12 670 631)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Seal Kit
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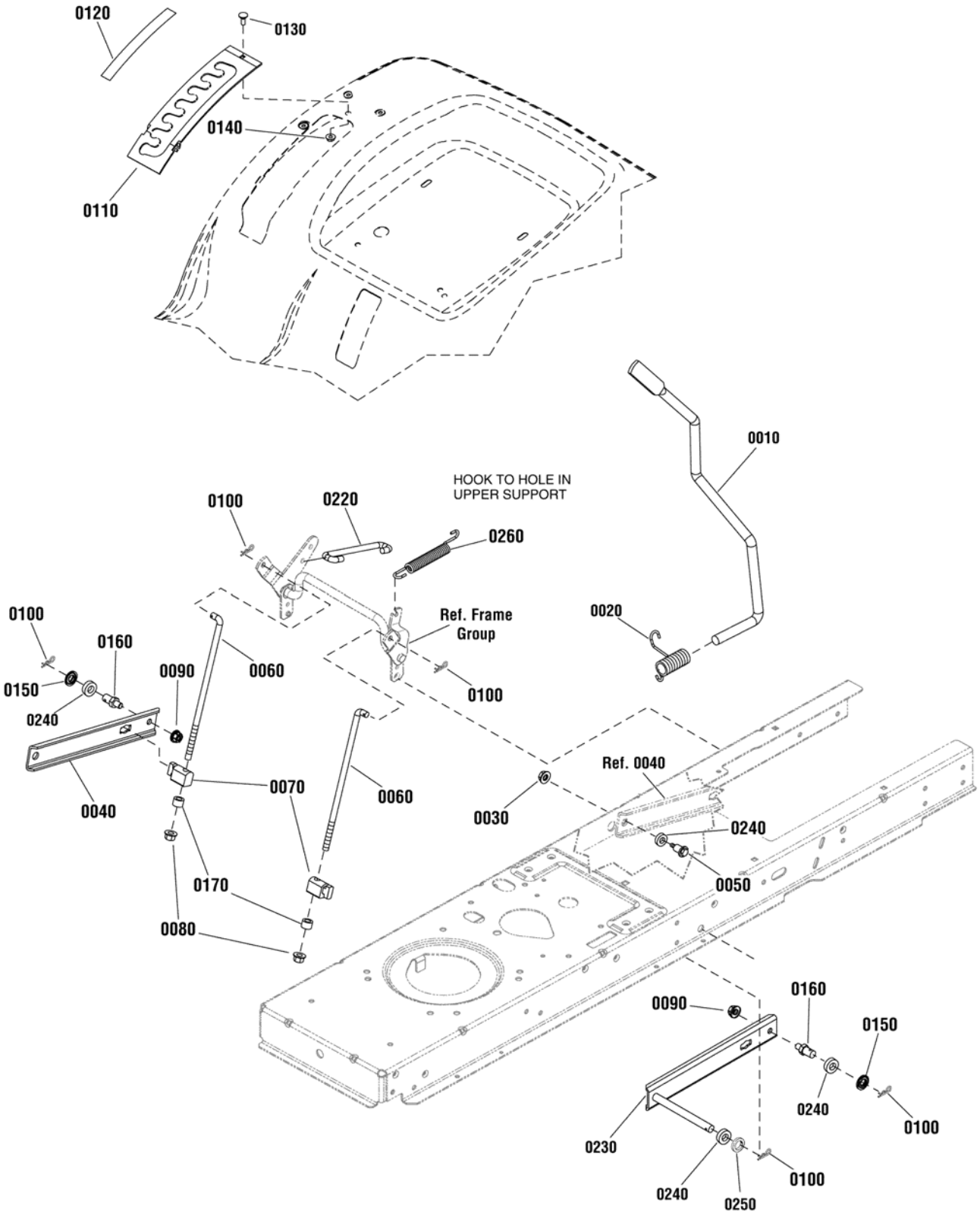
1110

| Item | Part No | Qty | Description |
|---|---|---|---|
| 1260-30 | ----- | 1 | * NUT, Hex Jam, With Patch, 1/2-20 (Not a serviceable part, order kit #1260) |
| 1260-40 | ----- | 1 | * WASHER, Slotted, .53 x 1.63 x .06 (Not a serviceable part, order kit #1260) |
| 1260-50 | ----- | 1 | * HUB, Pulley (Not a serviceable part, order kit #1260) |
| 1270 | 1752468 | 1 | SEAL & O-RING KIT (Includes Ref. Nos. 0170, 0340, 0510 & 1110) |
| 1280 | 1752469 | 1 | EXPANSION TANK KIT (Includes Ref. Nos. 1280-10, 1280-20, 1280-30 & 1280-40) |
| 1280-10 | ----- | 1 | * TANK, Expansion (Not a serviceable part, order kit #1280) |
| 1280-20 | ----- | 1 | * CAP, Expansion Tank (Not a serviceable part, order kit #1280) |
| 1280-30 | ----- | 1 | * BOLT, Self Tapping, 10-32 x 1/2 (Not a serviceable part, order kit #1280) |
| 1280-40 | ----- | 1 | * BRACKET, Expansion Tank (Not a serviceable part, order kit #1280) |
| 2000 | ----- | 1 | * KIT, 60T Bull Gear Diff Pins (Includes Ref. Nos. 2000-10 & 2000-20) |
| 2000-10 | ----- | 1 | * GEAR, 60T |
| 2000-20 | ----- | 2 | * PIN, 1/2 |

Not for Reproduction

**Footnotes:**

Note* See your local authorized dealership for parts and warranty or contact Hydro Gear at www.hydro-gear.com/Support/NorthAmerica.aspx (U.S. 1-877-728-7410 Int'l 32 (0) 12 670 631)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Ref. 0040
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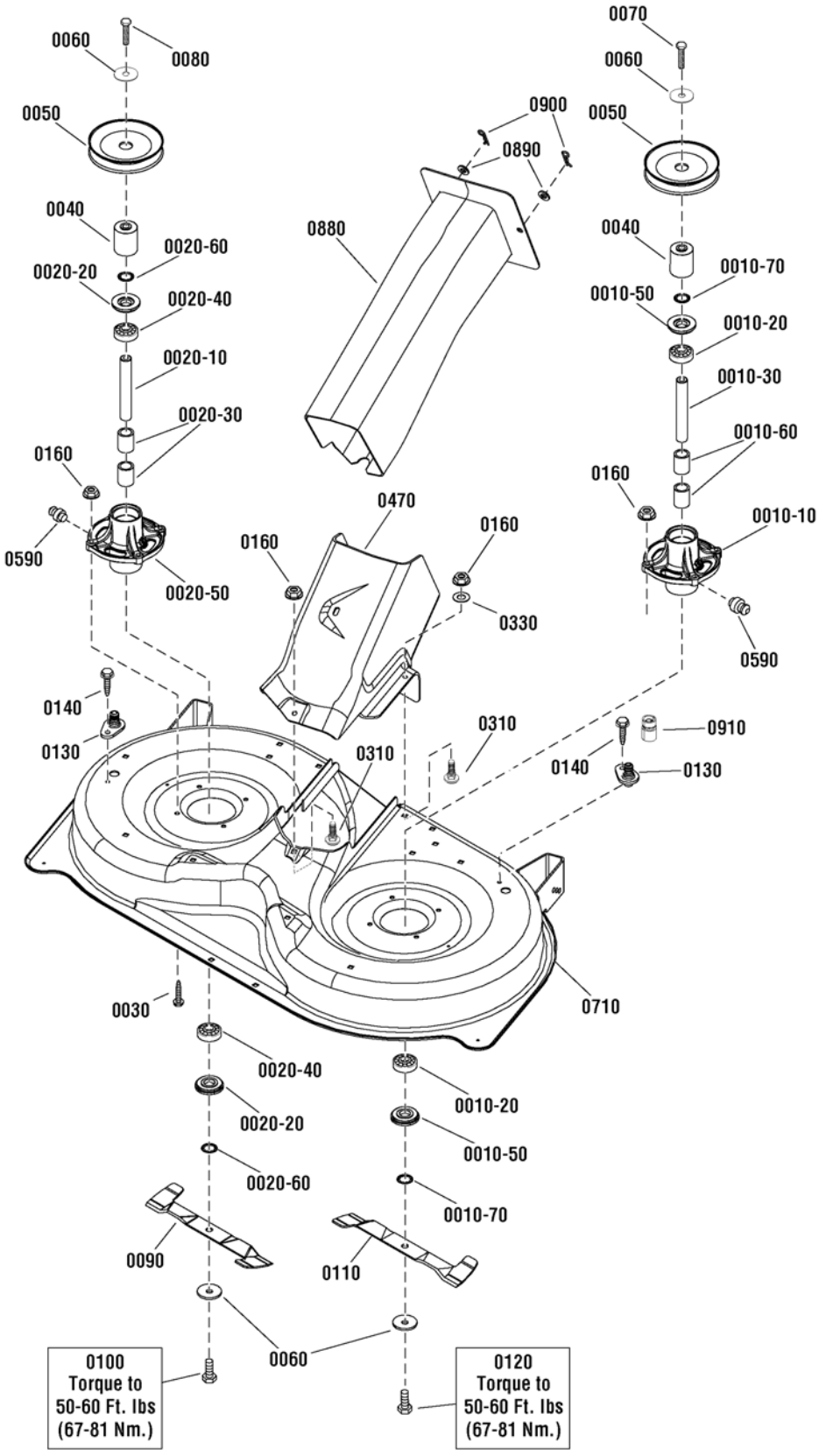
0250
0100

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1728070 | 1 | ROD, Lift Handle, 17.7" |
| 0020 | 1729652 | 1 | SPRING, Torsion, 2.12 Inch |
| 0030 | 1931277 | 1 | NUT, Hex, Flange Whizlock, 5/16-18 |
| 0040 | 1731417BM | 1 | ARM, Rear Lift, RH |
| 0050 | 1732426 | 1 | BOLT, Shoulder |
| 0060 | 1727955 | 2 | ROD, Lower Life, 10.00 LG |
| 0070 | 1731894 | 2 | TRUNNION |
| 0080 | 1960687 | 2 | NUT, Hex Flange, 3/8-16 ESNA |
| 0090 | 1931211 | 2 | NUT, Hex, Flange Lock, 3/8-16 |
| 0100 | 1960074 | 5 | CLIP, Spring |
| 0110 | 1727985A | 1 | QUADRANT, Lift Height |
| 0120 | 1730264 | 1 | DECAL, Height Of Cut |
| 0130 | 1960252 | 1 | BOLT, Carriage, 1/4-20 x 5/8 G5 |
| 0140 | 1930641 | 1 | NUT, Hex Flange Whiz, 1/4-20 |
| 0150 | 1960170 | 2 | WASHER, 1/2 |
| 0160 | 721221 | 2 | PIN, Threaded Shoulder |
| 0170 | 1666294 | 2 | SPACER |
| 0220 | 1727954 | 1 | ROD, Lift, 5.43 LG |
| 0230 | 885523BM | 1 | ARM, Rear Lift, LH |
| 0240 | 885382 | 4 | WASHER, Rubber |
| 0250 | 720035 | 1 | WASHER, Spring, 1/2 |
| 0260 | 722453 | 1 | SPRING, Extension |

Not for Reproduction

**Footnotes:**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0100
Torque to
50-60 Ft. lbs
(67-81 Nm.)
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0110
0120
Torque to
50-60 Ft. lbs
(67-81 Nm.)

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010-10 | 1735573YP | 2 | HOUSING, Spindle |
| 0010-20 | 1735399YP | 4 | BEARING, Ball, 20mm |
| 0010-30 | 1735326YP | 1 | SHAFT, Spindle, LH |
| 0010-50 | 1735323YP | 4 | SHIELD, Arbor |
| 0010-60 | 1735328YP | 4 | SPACER, Bearing |
| 0010-70 | 1960766YP | 4 | RING, Self Locking |
| 0020-10 | 885420YP | 1 | SHAFT, Spindle, RH (LH Thread) |
| 0020-20 | 1735323YP | 4 | SHIELD, Arbor |
| 0020-30 | 1735328YP | 4 | SPACER, Bearing |
| 0020-40 | 1735399YP | 4 | BEARING, Ball, 20mm |
| 0020-50 | 1735573YP | 2 | HOUSING, Spindle |
| 0020-60 | 1960766YP | 4 | RING, Self Locking |
| 0030 | 1930600SM | 8 | CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1-1/2 |
| 0040 | 1750338YP | 2 | SPACER, Mower Drive |
| 0050 | 1758750YP | 2 | PULLEY |
| 0060 | 1656916SM | 4 | WASHER, Spring, 0.475ID x 1-3/4 OD |
| 0070 | 1926110SM | 1 | CAPSCREW, Hex Head, 7/16-14 x 2-3/4. G5 |
| 0080 | 703846 | 1 | CAPSCREW, Socket Head, 7/16-14 x 2-3/4, LH |
| 0090 | 1758511BMYP | 1 | BLADE, RH |
| 0100 | 703845 | 1 | CAPSCREW, Socket Head, 7/16-14 x 1, LH |
| 0110 | 1758512BMYP | 1 | BLADE, LH |
| 0120 | 1920676SM | 1 | CAPSCREW, Hex Head, 7/16-14 x 1, G5 |
| 0130 | 1735716YP | 2 | ADAPTER, Washout Port |
| 0140 | 703228 | 2 | CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4 |
| 0160 | 703409 | 9 | NUT, Hex Flange, Whiz Lock, 5/16-18 |
| 0310 | 703185 | 3 | BOLT, Carriage, Short Neck, 5/16-18 x 3/4, G5 |
| 0330 | 1919326SM | 3 | WASHER, 5/16 |
| 0470 | 885460YP | 1 | DECK, CENTER CAP |
| 0590 | 1704314 | 2 | FITTING, Grease |
| 0710 | 885557AYP | 1 | DECK ASSEMBLY |
| 0880 | 885461YP | 1 | CHUTE |
| 0890 | 703853 | 2 | WASHER, 1/2 |
| 0900 | 703300 | 2 | PIN, Hair |
| 0910 | 1756246YP | 1 | CONNECTOR, Washout Port |

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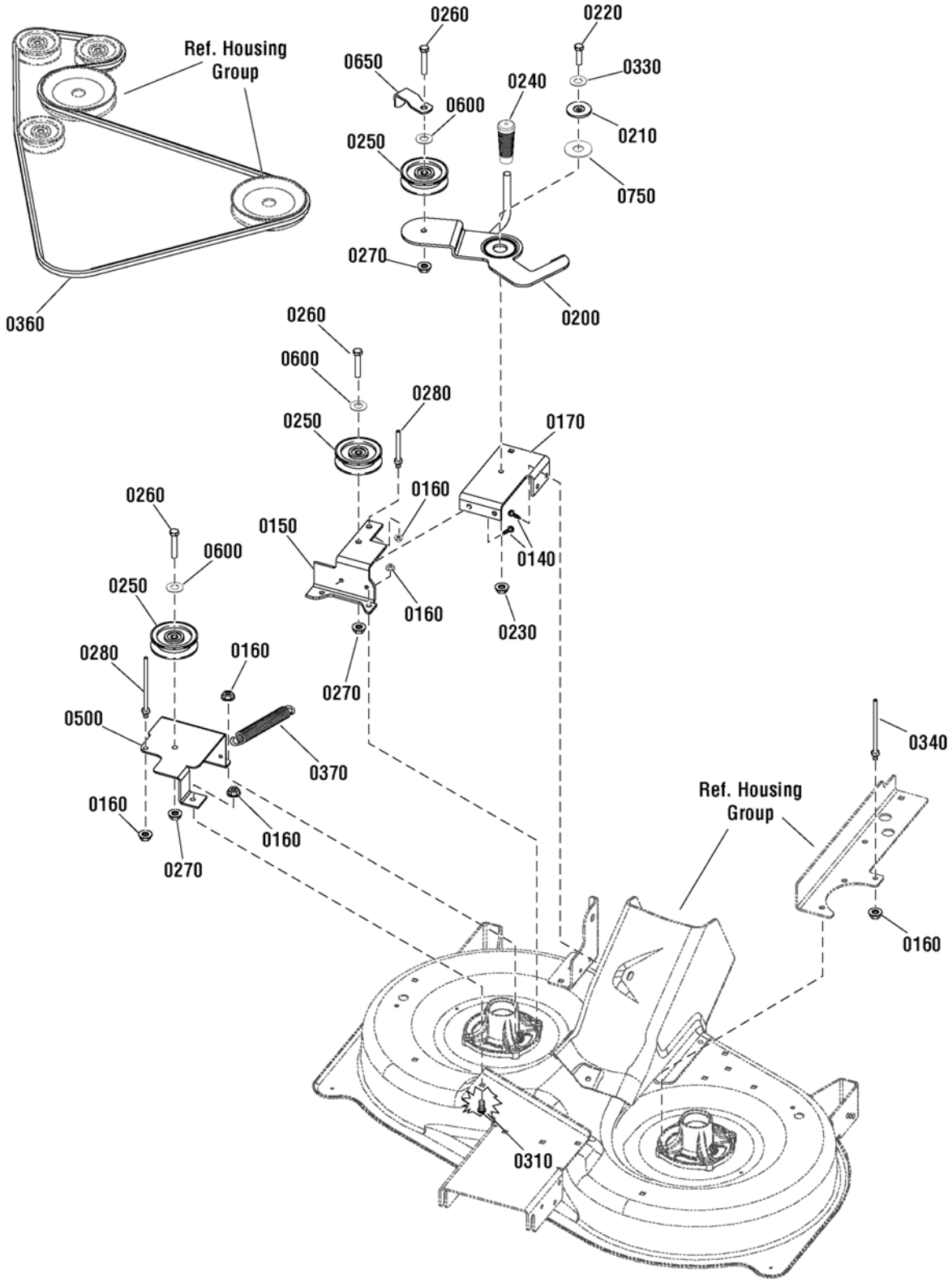
**Footnotes:**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Ref. Housing Group
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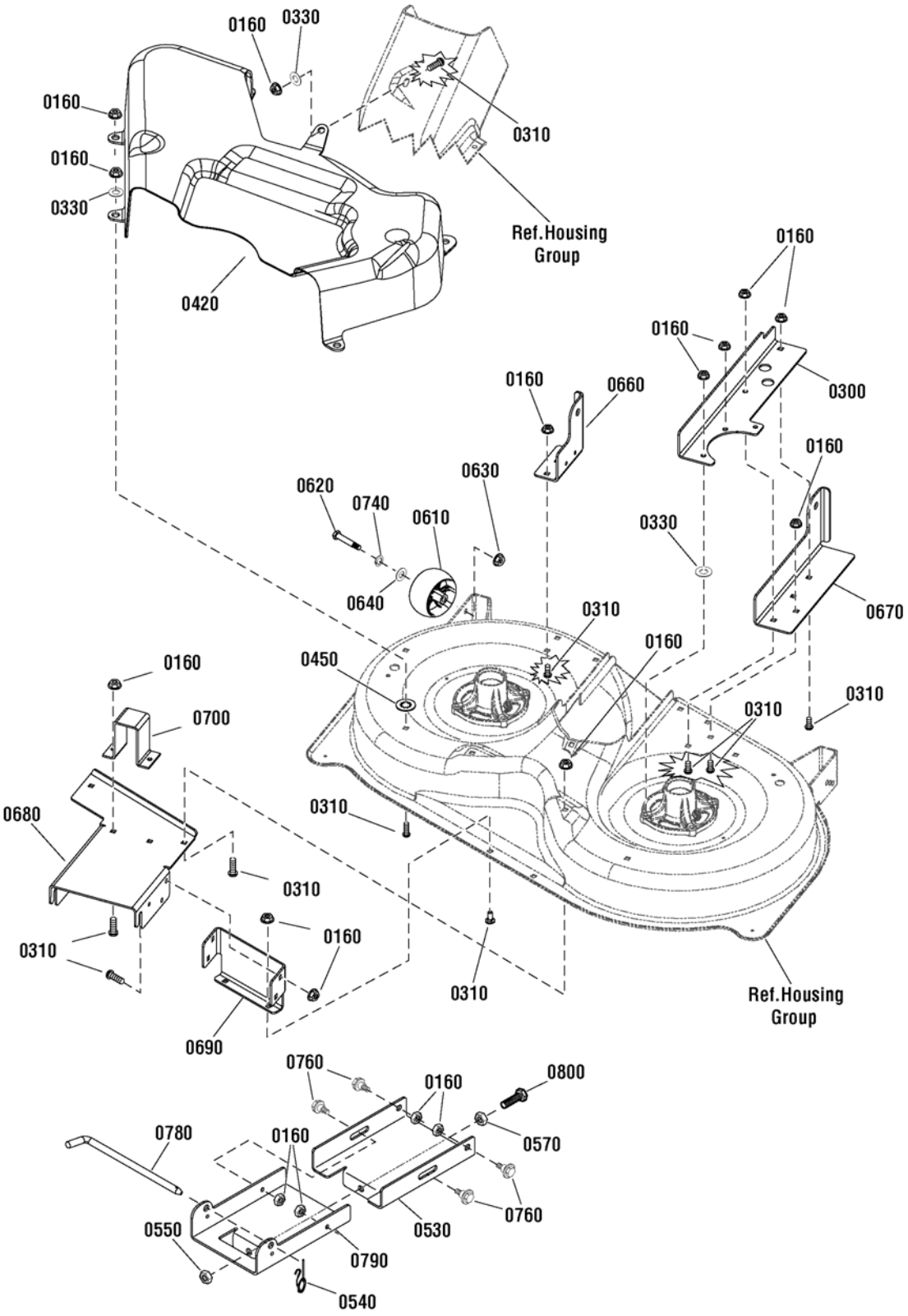
| Item | Part No | Qty | Description |
|---|---|---|---|
| 0140 | 703228 | 4 | CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4 |
| 0150 | 1758773BMYP | 1 | BRACKET, Idler, RH |
| 0160 | 703409 | 8 | NUT, Hex Flange, 5/16-18 |
| 0170 | 885516AYP | 1 | SUPPORT, Idler Arm |
| 0200 | 885559AYP | 1 | DECK IDLER ASSEMBLY |
| 0210 | 1727935SM | 1 | SPACER, Pivot, 0.330ID 1.76OD |
| 0220 | 703585 | 1 | CAPSCREW, Hex Head, 5/16-18 x 1, G5 |
| 0230 | 704067 | 1 | NUT, Hex Flange, Center Lock, 5/16-18 |
| 0240 | 092697MA | 1 | GRIP |
| 0250 | 885482YP | 3 | PULLEY, Deck Idler |
| 0260 | 703589 | 3 | CAPSCREW, Hex Head, 3/8-16 x 2, G5 |
| 0270 | 703333 | 3 | NUT, Hex Flange, Whiz Lock, 3/8-16 |
| 0280 | 885534YP | 2 | BELT GUIDE |
| 0310 | 703185 | 1 | BOLT, Carriage, 5/16-18 x 3/4 GR5 |
| 0330 | 1919326SM | 1 | WASHER, 5/16 |
| 0340 | 1401105MA | 1 | BELT GUIDE, Long |
| 0360 | 1758762YP | 1 | BELT, Deck |
| 0370 | 1715435SM | 1 | SPRING, Extension |
| 0500 | 885556AYP | 1 | BRACKET, Idler, Fixed |
| 0600 | 704128 | 3 | WASHER, Flat, 3/8 |
| 0650 | 1677135SM | 1 | GUARD, Spring |
| 0750 | 885675YP | 1 | SHIM |

Not for Reproduction

**Footnotes:**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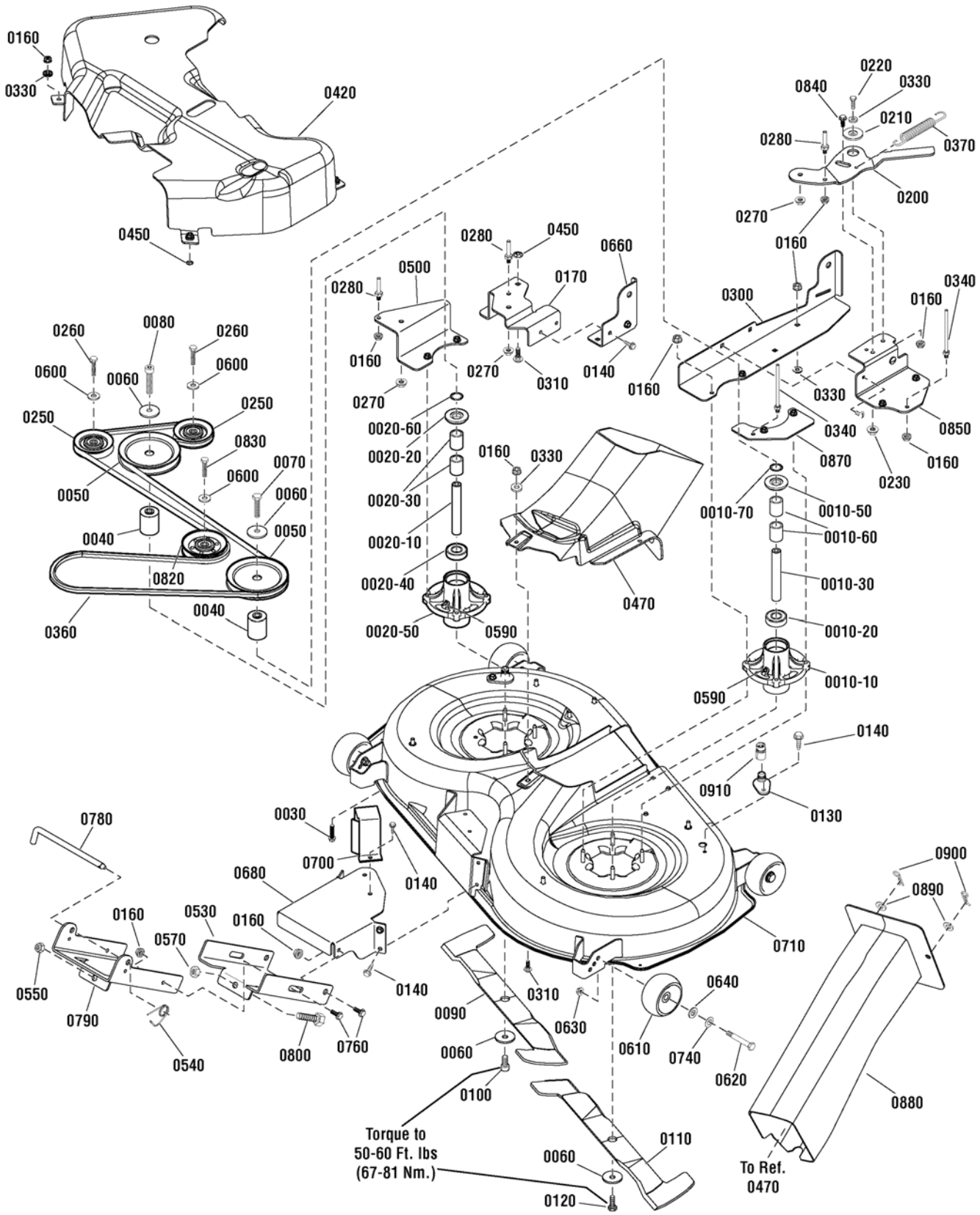
| Item | Part No | Qty | Description |
|---|---|---|---|
| 0160 | 703409 | 24 | NUT, Hex Flange, 5/16-18 |
| 0300 | 1758761BMYP | 1 | BRACKET, Rear Lift, LH |
| 0310 | 703185 | 22 | BOLT, Carriage, Short Square Neck, 5/16-18 x 3/4, G5 |
| 0330 | 1919326SM | 6 | WASHER, 5/16 |
| 0420 | 1759108YP | 1 | COVER, Pulley |
| 0450 | 703297 | 6 | NUT, Push On, 5/16 |
| 0530 | 885734BMYP | 1 | BRACKET, Front Connector |
| 0540 | 703852 | 1 | RETAINER, Pin Spring |
| 0550 | 1960379SM | 1 | NUT, Hex Lock, ESNA LIGHT, 1/2-13 |
| 0570 | 1913744SM | 1 | NUT, Hex Jam, 1/2-13 |
| 0610 | 1714760SM | 2 | WHEEL, Gauge |
| 0620 | 2108765SM | 2 | BOLT, 3/8-16 x 2-3/4 |
| 0630 | 703158 | 2 | NUT, Hex Flange, ESNA, 3/8-16 |
| 0640 | 703853 | 2 | WASHER, 1/2 |
| 0660 | 885462AYP | 1 | BRACKET, Deck, Rear |
| 0670 | 885463AYP | 1 | BRACKET, Rear Lift, LH |
| 0680 | 885738BMYP | 1 | SUPPORT, Deck Front |
| 0690 | 885740BMYP | 1 | BRACKET, Front Support |
| 0700 | 885519AYP | 1 | BRACKET, Front Upstop |
| 0740 | 0020X3MA | 2 | WASHER, Spring, .30" ID |
| 0760 | 1732426SM | 4 | BOLT, Shoulder, 5/16-18 x .13/16, 1/2" Thread Length |
| 0780 | 1731414SM | 1 | ROD, Latch |
| 0790 | 885699BMYP | 1 | BRACKET, Front Hanger |
| 0800 | 885710YP | 1 | BOLT, 1/2 x 3 |

Not for Reproduction

**Footnotes:**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Torque to
50-60 Ft. lbs
(67-81 Nm.)
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To Ref.
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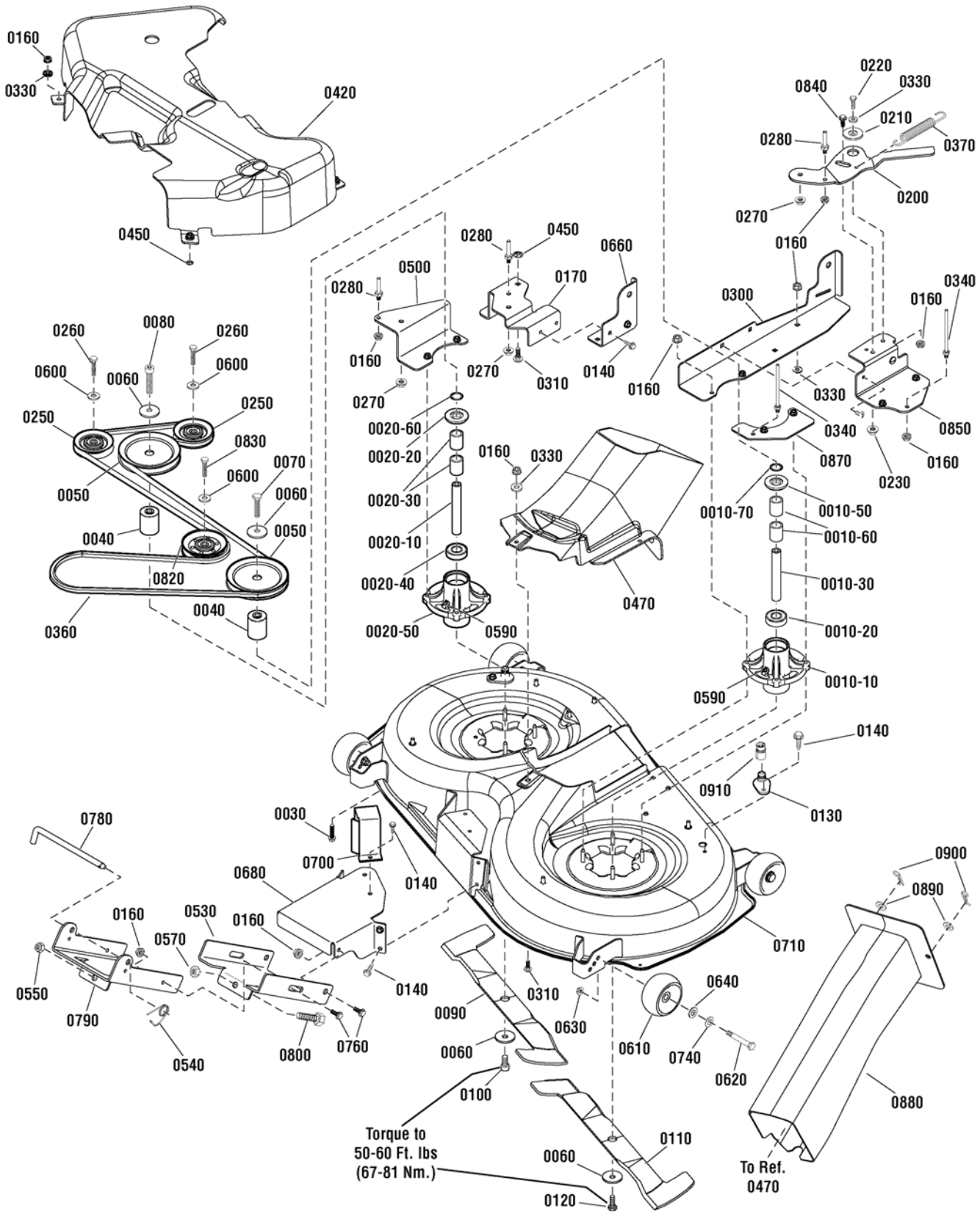
| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010-10 | 1735573YP | 1 | HOUSING, Spindle |
| 0010-20 | 1735399YP | 2 | BEARING, Ball |
| 0010-30 | 1735326YP | 1 | SHAFT, Spindle |
| 0010-50 | 1735323YP | 2 | SHIELD, Arbor |
| 0010-60 | 1735328YP | 2 | SPACER, Bearing |
| 0010-70 | 1960766YP | 2 | RING, Self Lock |
| 0020-10 | 885420YP | 1 | SHAFT, Spindle, RH (LH Thread) |
| 0020-20 | 1735323YP | 2 | SHIELD, Arbor |
| 0020-30 | 1735328YP | 2 | SPACER, Bearing |
| 0020-40 | 1735399YP | 2 | BEARING, Ball |
| 0020-50 | 1735573YP | 1 | HOUSING, Spindle |
| 0020-60 | 1960766YP | 2 | RING, Self Lock |
| 0030 | 1930600SM | 8 | SCREW, Hex Washer Head, Taptite, 5/16-18 x 1-1/2 |
| 0040 | 1750338YP | 2 | SPACER, Mower Drive |
| 0050 | 1758750YP | 2 | PULLEY |
| 0060 | 1656916SM | 4 | WASHER, Spring, 0.475 |
| 0070 | 1926110SM | 1 | CAPSCREW, Hex Head, 7/16-14 x 2-3/4, GR5 |
| 0080 | 885456YP | 1 | CAPSCREW, Socket Head, 7/16-14 x 2-3/4 |
| 0090 | 1758513BMYP | 1 | BLADE, RH |
| 0100 | 885455YP | 1 | CAPSCREW, Socket Head, 7/16-14 x 1 |
| 0110 | 1758514BMYP | 1 | BLADE, LH |
| 0120 | 1920676SM | 1 | CAPSCREW, Hex Head, 7/16-14 x 1, GR5 |
| 0130 | 1735716YP | 2 | ADAPTER, Washout Port |
| 0140 | 703228 | 6 | SCREW, Thread Roll, 5/16-18 x 3/4 |
| 0160 | 1931277SM | 40 | NUT, Flange, 5/16-18, GR5 |
| 0170 | 885723BMYP | 1 | SUPPORT, Idler Arm |
| 0200 | 1758759BM | 1 | IDLER ARM |
| 0210 | 1727935SM | 1 | SPACER, Pivot, 5/16 ID x 1-3/4 OD |
| 0220 | 001X84MA | 1 | CAPSCREW, Hex Head, 5/16-18 x 1, GR5 |
| 0230 | 015X88MA | 1 | NUT, Hex Flange, Center Lock, 5/16-18 |
| 0250 | 885482YP | 2 | PULLEY, Deck Idler |
| 0260 | 1923701SM | 2 | CAPSCREW, Hex Head, 3/8-16 x 2, GR5 |
| 0270 | 703333 | 3 | NUT, Hex Flange, 3/8-16 |
| 0280 | 885534YP | 2 | BELT GUIDE |
| 0300 | 885724BMYP | 1 | BRACKET, Deck, Rear Lift, LH |
| 0310 | 703185 | 14 | BOLT, Carriage, 5/16-18 x 3/4, GR5 |
| 0330 | 1919326SM | 10 | WASHER, Flat, 5/16 |
| 0340 | 1401105MA | 1 | BELT GUIDE, LONG |
| 0360 | 1758760YP | 1 | BELT |
| 0370 | 1715435SM | 1 | SPRING, Extension |
| 0420 | 1759109YP | 1 | COVER, Pulley |
| 0450 | 703297 | 4 | RETAINER, 5/16, GR5 |
| 0470 | 885719YP | 1 | CENTER CAP |
| 0500 | 885845BMYP | 1 | BRACKET, Idler, Fixed |

**Footnotes:**

Not for Reproduction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Torque to
50-60 Ft. lbs
(67-81 Nm.)
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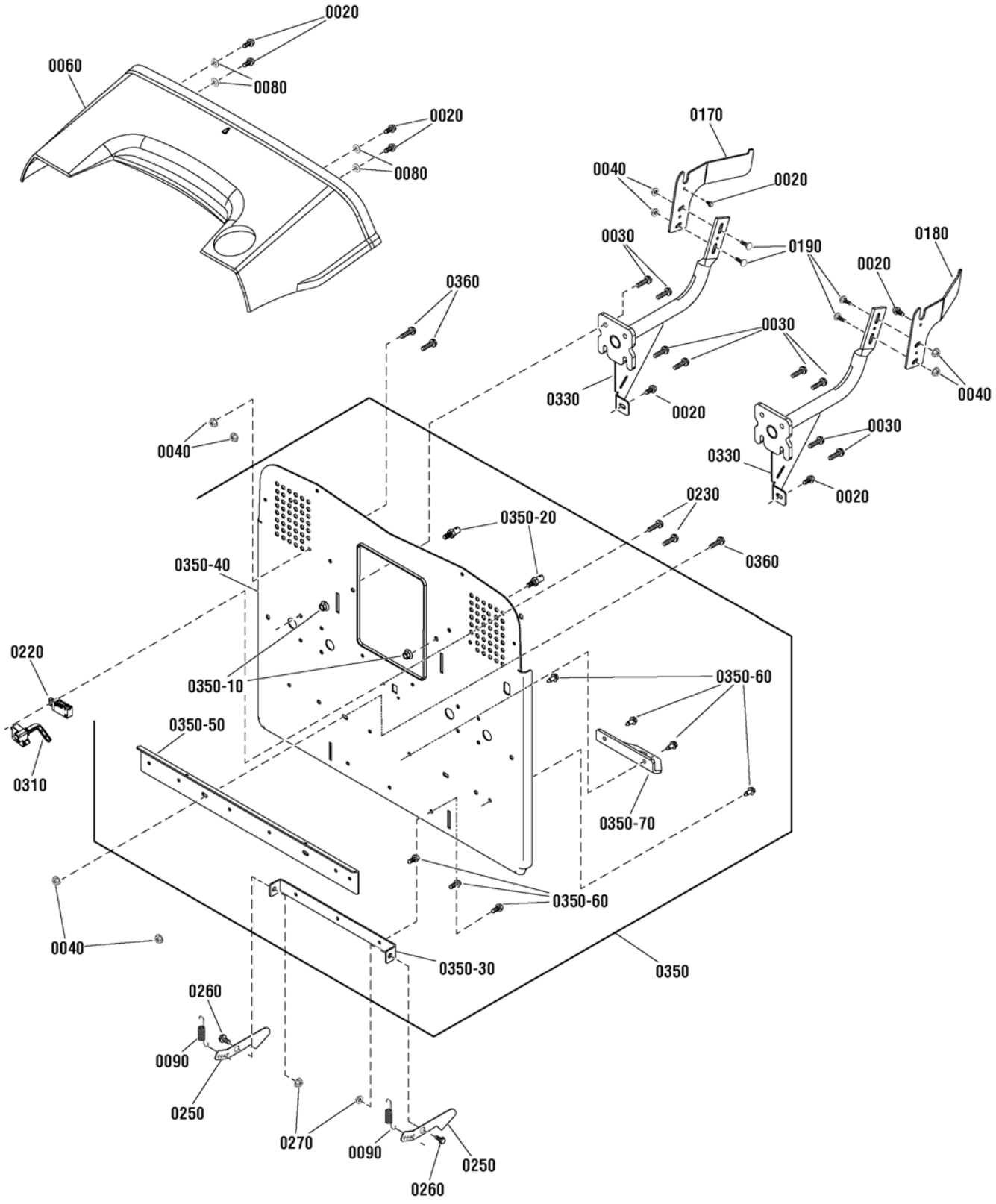
0060
0120
To Ref.
0470

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0530 | 885734BMYP | 1 | BRACKET, Front Connector |
| 0540 | 2176012SM | 1 | RETAINER, Pin Spring |
| 0550 | 1960379SM | 1 | NUT, Hex Lock, ESNA Light, 1/2-13 |
| 0570 | 1913744SM | 1 | NUT, Hex Jam, 1/2-13 |
| 0590 | 1704314SM | 2 | FITTING, Lube |
| 0600 | 1922755SM | 2 | WASHER, Flat, 3/8 |
| 0610 | 1714760SM | 2 | WHEEL |
| 0620 | 2108765SM | 2 | BOLT, Wheel, 3/8-16 x 2-3/4, 3/4" Thread |
| 0630 | 703158 | 2 | NUT, Hex Flange, ESNA, 3/8-16 |
| 0640 | 1960170SM | 2 | WASHER, 1/2 |
| 0660 | 885720BMYP | 1 | BRACKET, Deck, Rear, RH |
| 0680 | 885727BMYP | 1 | SUPPORT, Front |
| 0700 | 885728BMYP | 1 | BRACKET, Front Upstop |
| 0710 | 885827BMYP | 1 | DECK, 42" |
| 0740 | 0020X3MA | 2 | WASHER, Spring, 1/2 |
| 0760 | 1732426SM | 4 | BOLT, Shoulder, 5/16-18 x 1/2 |
| 0780 | 1731414SM | 1 | ROD, Latch |
| 0790 | 885699BMYP | 1 | BRACKET, Front Hanger |
| 0800 | 885710YP | 1 | BOLT, 1/2 x 3 |
| 0820 | 885937YP | 1 | PULLEY, Idler |
| 0830 | 703406 | 1 | CAPSCREW, Hex Head, 3/8-16 x 1-1/2, G5 |
| 0840 | 1752802YP | 1 | BOLT, Shoulder, 5/16-18 x 1 |
| 0850 | 1758758BM | 1 | BRACKET, Idler Mount |
| 0870 | 1758757BM | 1 | PLATE, Belt Guide Mount |
| 0880 | 885769YP | 1 | CHUTE |
| 0890 | 703853 | 2 | WASHER, 1/2 |
| 0900 | 703300 | 2 | PIN, Hair |
| 0910 | 1756246YP | 1 | CONNECTOR, Washout Port |

Not for Reproduction

**Footnotes:**

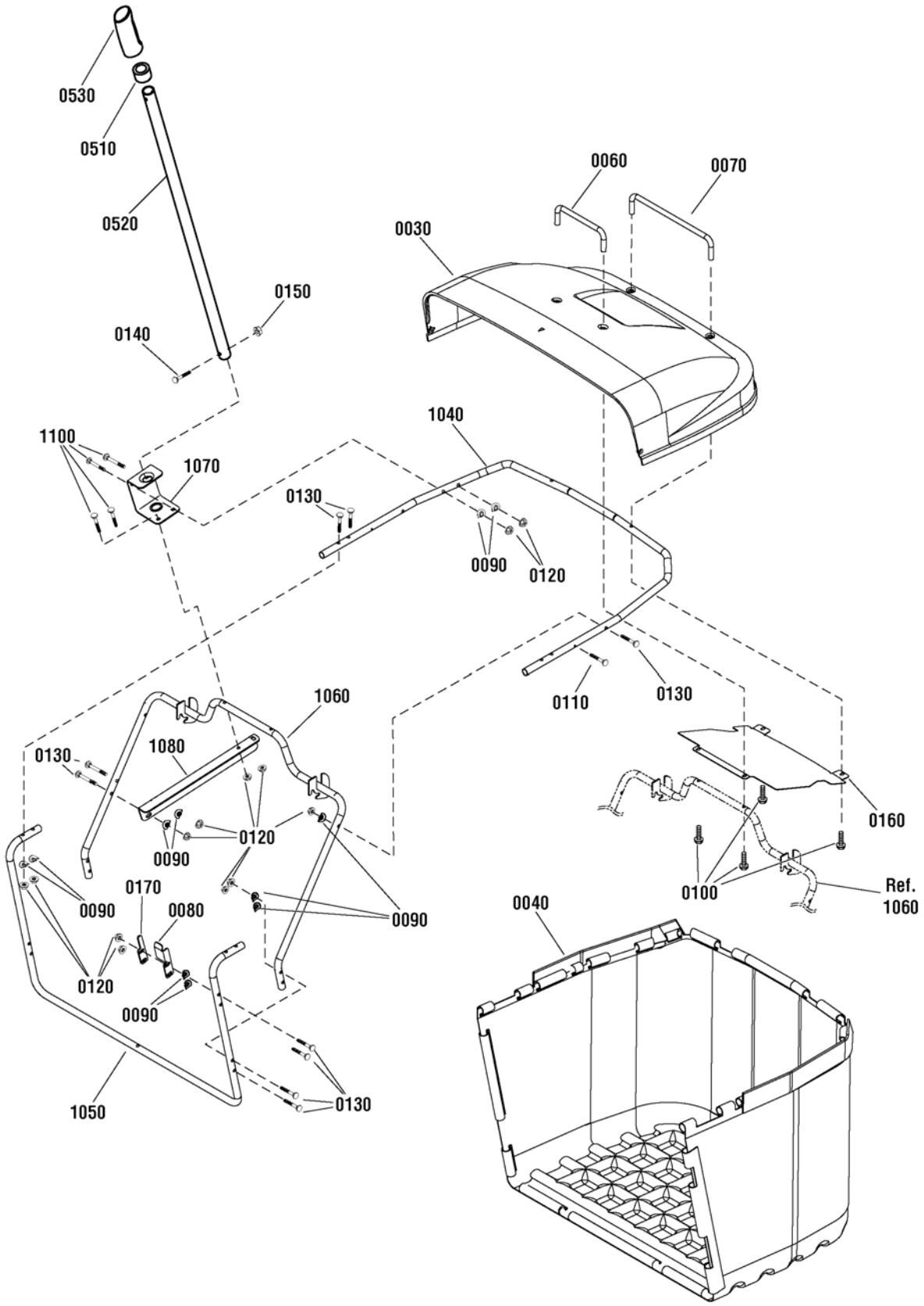
## *Backplate Group*



| Item | Part No | Qty | Description |
|---|---|---|---|
| 0020 | 703228 | 8 | SCREW, 5/16-18 x 3/4 |
| 0030 | 703167 | 8 | SCREW, Taptite, 5/16-18 x 1-1/4 |
| 0040 | 703409 | 10 | NUT, Flange, 5/16-18 |
| 0060 | 1758498YP | 1 | TRANSITION PIECE |
| 0080 | 1919326SM | 4 | WASHER, Flat |
| 0090 | 165X75MA | 2 | SPRING, Extension |
| 0170 | 885853BMYP | 1 | ROTATION PLATE, RH |
| 0180 | 885852BMYP | 1 | ROTATION PLATE, LH |
| 0190 | 703185 | 4 | BOLT, Carriage, 5/16-18 x 3/4 |
| 0220 | 885573YP | 1 | SWITCH, Bag Full |
| 0230 | 880760YP | 2 | SCREW, Plastite, #10-14 x 7/8 |
| 0250 | 1758530BMYP | 2 | LATCH |
| 0260 | 009X39MA | 2 | BOLT, Shoulder, 3/8-16 x 3/4 |
| 0270 | 703893 | 2 | NUT, Center Lock, Flange, 3/8-16 |
| 0310 | 885618YP | 1 | COVER, Bag Full Switch |
| 0330 | 1758925BMYP | 2 | SUPPORT, Bagger |
| 0350 | 885893BMYP | 1 | BACK PLATE ASSEMBLY (Includes Ref. Nos. 0350-10, 0350-20, 0350-30, 0350-40, 0350-50, 0350-60 & 0350-70) |
| 0350-10 | 703893 | 2 | NUT, Center Lock Flange, 3/8-16 |
| 0350-20 | 704054 | 2 | PIN, Threaded, 3/8-16 x 5/8 |
| 0350-30 | 885497AYP | 1 | BRACKET, Bagger Latch |
| 0350-40 | ----- | 1 | BACK PLATE (Order Ref. No. 0350) |
| 0350-50 | 885891BMYP | 1 | BRACE, Lower |
| 0350-60 | 703228 | 7 | SCREW, 5/16-18 x 3/4 |
| 0350-70 | 885468AYP | 1 | PLATE, Hitch |
| 0360 | 703410 | 6 | BOLT, 5/16-18 x 1 |

Not for Reproduction

**Footnotes:**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1080
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0080
0090
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0090
0130
1050

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0030 | 1758510YP | 1 | COVER, Collector |
| 0040 | 1758532YP | 1 | BAG, Collector |
| 0060 | 1758751BMYP | 1 | HANDLE, Front |
| 0070 | 885430AYP | 1 | HANDLE, Back |
| 0080 | 1758781BMYP | 1 | SWITCH PLATE |
| 0090 | 880615YP | 16 | WASHER |
| 0100 | 706884 | 4 | SCREW , Hex Washer Head, 1/4-20 x 1-1/2 |
| 0110 | 885564YP | 2 | SCREW, Torx, 1/4-20 |
| 0120 | 703115 | 18 | NUT, Nylock Flange, 5/16-18 |
| 0130 | 706883 | 12 | SCREW, 5/16-18 x 2 |
| 0140 | 001X94MA | 1 | BOLT, Hex, 1/4-20 x 1-1/4 |
| 0150 | 015X89MA | 1 | NUT, Hex Flange, 1/4-20 |
| 0160 | 1758926BMYP | 1 | SHIELD, Collector |
| 0170 | 1759350BMYP | 1 | REINFORCEMENT, Switch Plate |
| 0510 | 885433YP | 1 | ADJUSTER, Handle |
| 0520 | 885518AYP | 1 | HANDLE, Bagger |
| 0530 | 1723359SM | 1 | GRIP |
| 1040 | 1758255BMYP | 1 | FRAME,  Bagger Support, Upper |
| 1050 | 1758256BMYP | 1 | FRAME,  Bagger Support, Front |
| 1060 | 1758329BMYP | 1 | FRAME,  Bagger Support |
| 1070 | 1758357BMYP | 1 | SUPPORT, Dump Handle |
| 1080 | 1758659BMYP | 1 | BRACKET Dump Handle |
| 1100 | 703296 | 4 | BOLT, Carriage, 5/16-18 x 1-1/2 |

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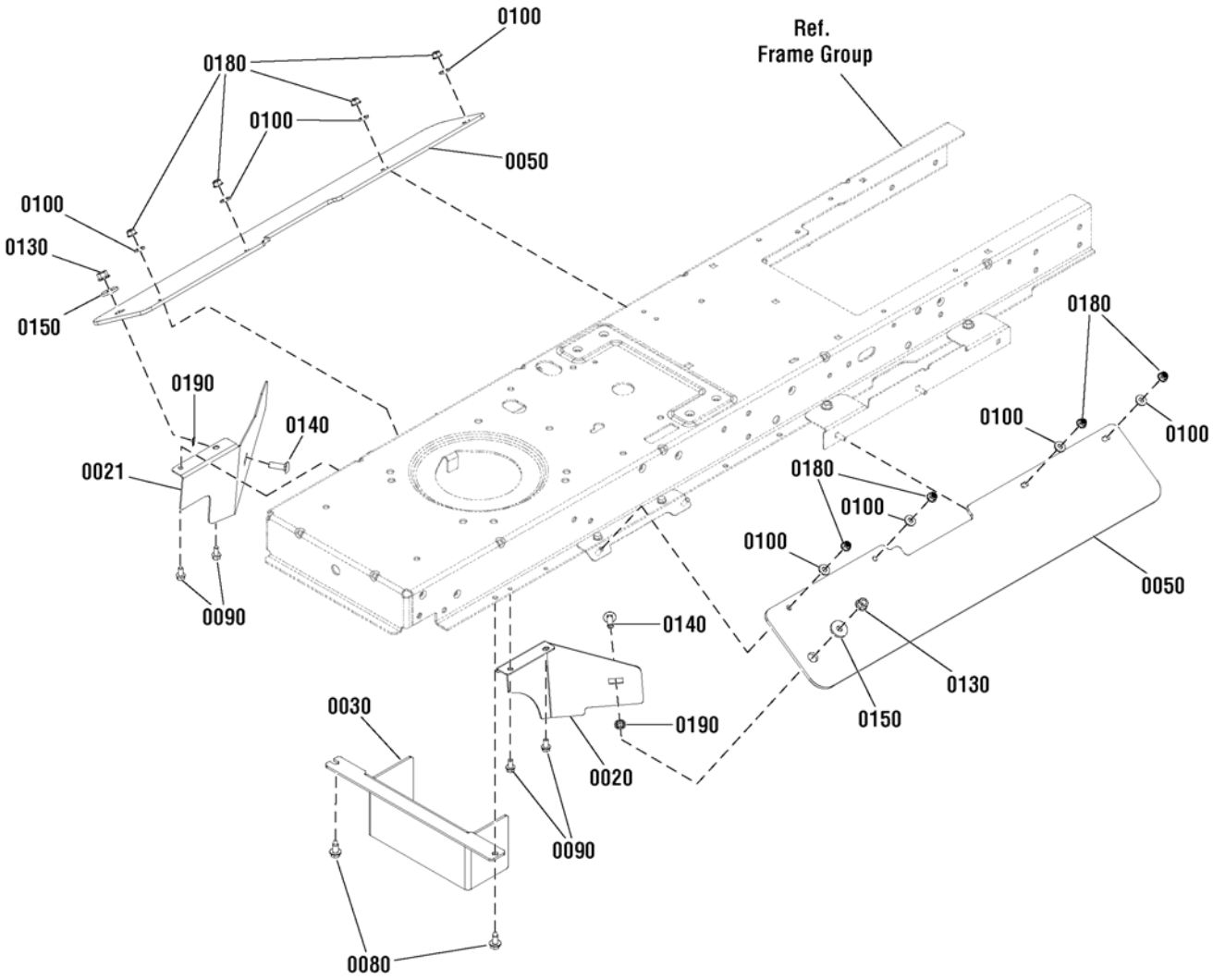
**Footnotes:**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Ref.
Frame Group
0100
0130
0150
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0140
0021
0100
0100
0180
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0090
0050
0140
0130
0150
0030
0190
0020
0090
0080

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0020 | 1758975BMYP | 1 | GUARD, Front, LH |
| 0021 | 1758976BMYP | 1 | GUARD, Front, RH |
| 0030 | 1758977BM | 1 | GUARD, Front |
| 0050 | 1758983YP | 2 | GUARD, Frame |
| 0080 | 703228 | 2 | SCREW, 5/16-18 x 3/4 |
| 0090 | 704130 | 4 | SCREW, Taptite, 1/4-20 x 1/2 |
| 0100 | 703332 | 8 | WASHER, Flat, 1/4 |
| 0130 | 703115 | 2 | NUT, Flange, Nylock, 5/16-18 |
| 0140 | 703800 | 2 | BOLT, Carriage Bolt, 5/16-18 x 1 |
| 0150 | 703298 | 2 | WASHER, Flat, 5/16, GR5 |
| 0180 | 703463 | 8 | NUT, Flange, Nylock, 1/4-20, GR5 |
| 0190 | 703297 | 2 | PUSHNUT, 5/16 |

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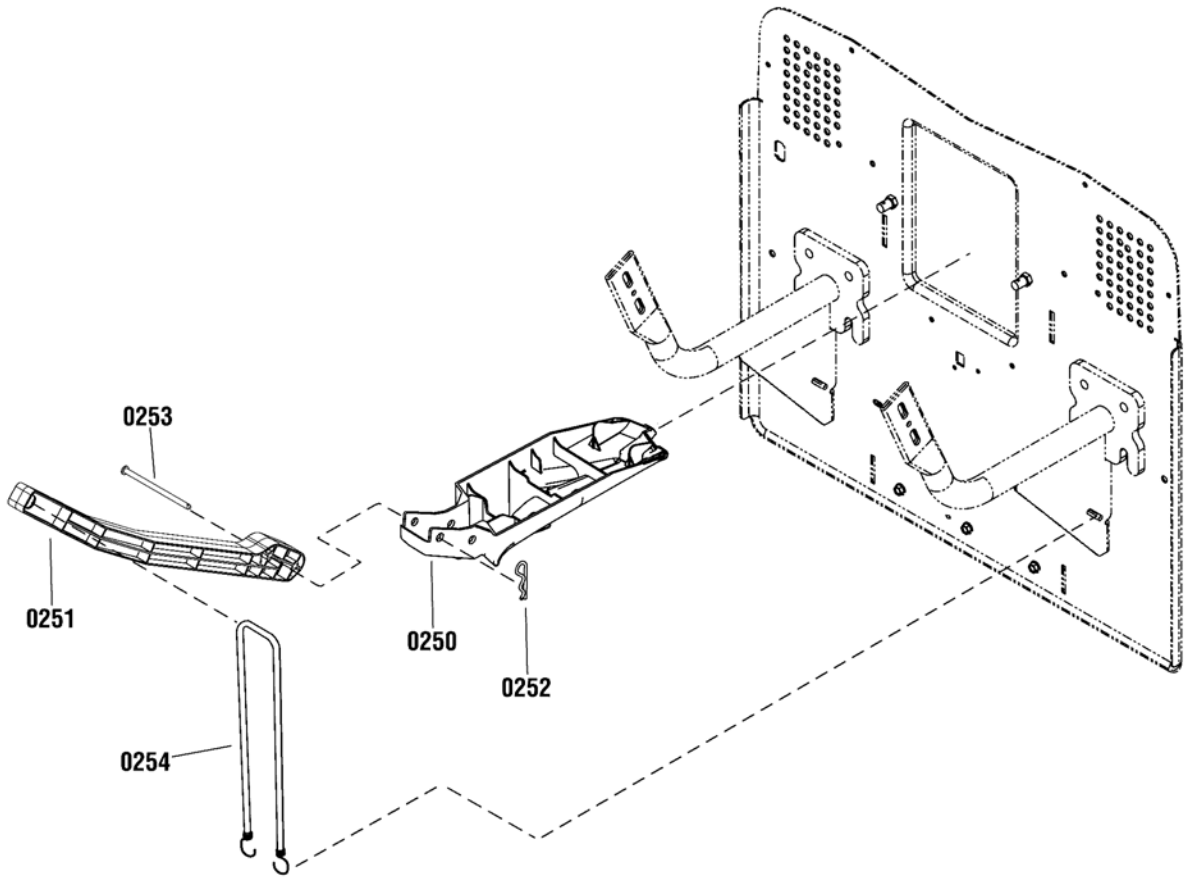
**Footnotes:**


0253
0251
0250
0252
0254

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0250 | 885642YP | 1 | PLUG, Mulch, 96cm (38") |
| 0250 | 885960YP | 1 | PLUG, Mulch, 107cm (42") |
| 0251 | 885643YP | 1 | HANDLE, Mulch Plug |
| 0252 | 885647YP | 2 | PIN, Clevis, 3/8 |
| 0253 | 703300 | 2 | PIN, Hair Pin |
| 0254 | 885648YP | 1 | CORD, Retainer |

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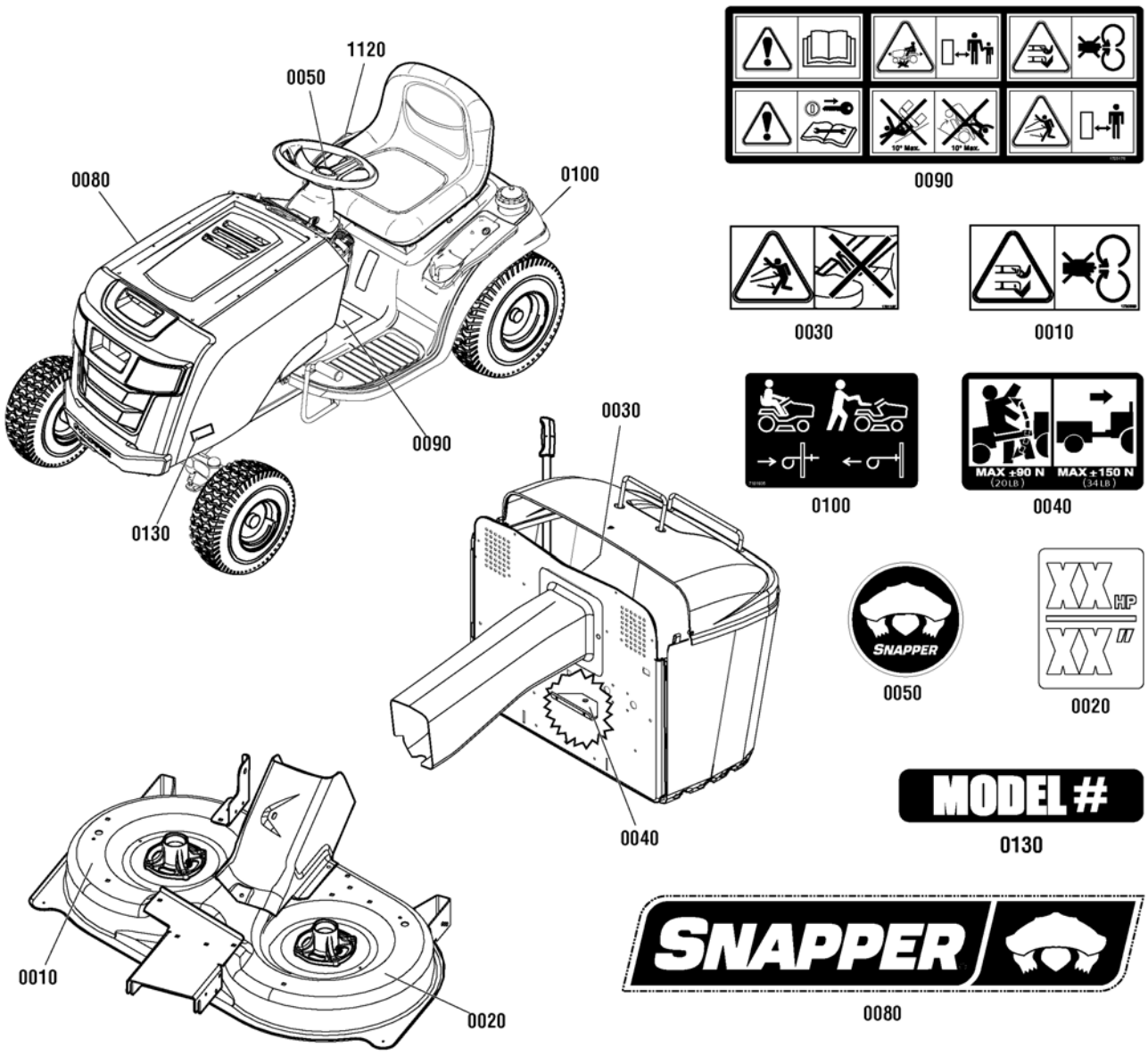
**Footnotes:**


1120
0050
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0090
0130
0030
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0030
0010
0100
MAX +90 N (20LB)
MAX +150 N (34LB)
0040
SNAPPER
0050
XX HP
XX"
0020
MODEL #
0130
SNAPPER
0080

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1720389SM | 2 | DECAL, Danger Rotation Blade Symbols |
| 0020 | 1755715YP | 1 | DECAL, Cutting Width, 38" (96cm) |
| 0020 | 885960YP | 2 | DECAL, Cutting Width, 42" (107cm) |
| 0030 | 1721107SM | 1 | DECAL, Discharge Tube Symbols |
| 0040 | 48X511MA | 1 | DECAL, Drawbar Warning Symbol |
| 0050 | 1739085YP | 1 | DECAL, Steering Wheel |
| 0080 | 1751632YP | 2 | DECAL, Logo, Hood |
| 0090 | 1750191YP | 1 | DECAL, Tunnel |
| 0100 | 7101935YP | 1 | DECAL, Roll Release |
| 0130 | 1758797YP | 1 | DECAL, Model, RPX100 |
| 0130 | 1758823YP | 1 | DECAL, Model, RPX200 |
| 0130 | 1758782YP | 1 | DECAL, Model, RXT300 |
| 1120 | 1730264SM | 1 | DECAL, Height of Cut |

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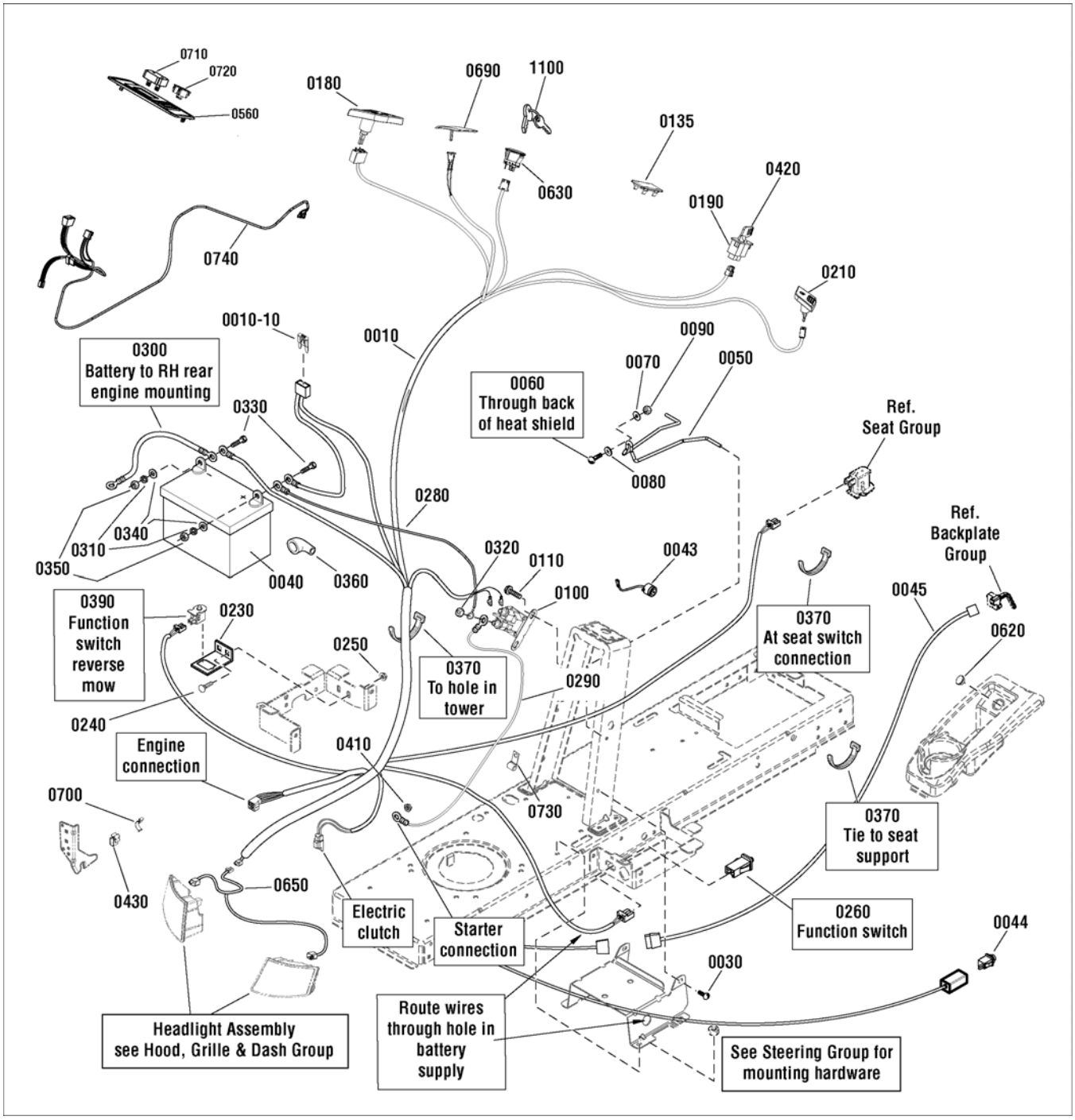
**Footnotes:**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0720
0560
0180
0690
1100
0135
0630
0420
0190
0740
0210
0010-10
0010
0090
0070
0050
0300
Battery to RH rear engine mounting
0330
0060
Through back of heat shield
Ref.
Seat Group
0080
0280
0340
0310
0350
0040
0360
0320
0110
0043
Ref.
Backplate
Group
0100
0045
0390
Function switch reverse mow
0230
0370
At seat switch connection
0620
0250
0370
To hole in tower
0290
0240
Engine connection
0410
0730
0700
0370
Tie to seat support
0650
0430
Electric clutch
Starter connection
0260
Function switch
0044
0030
Route wires through hole in battery supply
Headlight Assembly
see Hood, Grille & Dash Group
See Steering Group for mounting hardware

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0010 | 1758527YP | 1 | WIRING HARNESS |
| 0010-10 | ----- | 1 | * FUSE, 20 Amp |
| 0030 | 703949 | 2 | CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8 |
| 0040 | ----- | 1 | BATTERY, 7U1L |
| 0043 | 1758779YP | 1 | BUZZER, Bag Full |
| 0044 | 1001845MA | 1 | SWITCH, Bagger |
| 0045 | 885692YP | 1 | HARNESS, Bag Full |
| 0050 | 1730007SM | 1 | HOLD DOWN, Battery |
| 0060 | 1931318SM | 1 | BOLT, Carriage, 1/4-20 x 7/8 |
| 0070 | 703229 | 1 | WASHER, Flat, 1/4 |
| 0080 | 703826 | 1 | BOLT |
| 0090 | 703232 | 1 | NUT, Nylock, 1/4-20 |
| 0100 | 1755381YP | 1 | SOLENOID |
| 0110 | 704130 | 2 | CAPSCREW, Hex Head, 1/4-20 x 1/2 |
| 0135 | 1722611SM | 1 | PLUG, Hole |
| 0180 | 1738982YP | 1 | SWITCH, PTO |
| 0190 | 1726556SM | 1 | SWITCH, Reverse Mow |
| 0210 | 1738983YP | 1 | SWITCH, Light |
| 0230 | 1728026BMYP | 1 | SUPPORT, RMO Switch |
| 0240 | 703185 | 2 | BOLT, Carriage, 5/16-18 x 3/4, GR5 |
| 0250 | 703409 | 2 | NUT, Flange, 5/16-18, GR5 |
| 0260 | 7022886YP | 1 | SWITCH, Push Button (NO/NC) |
| 0280 | 1752685YP | 1 | BATTERY CABLE |
| 0290 | 1751450YP | 1 | CABLE, #8 x 25 |
| 0300 | 1752686YP | 1 | CABLE, #8 x 26.0 |
| 0310 | 704133 | 2 | LOCKWASHER, Split, 1/4 |
| 0320 | 2860750SM | 2 | NUT, Hex Lock, KEPS, 5/16-24 |
| 0330 | 703925 | 2 | CAPSCREW, Hex Head, 1/4-20 x 3/4, GR5 |
| 0340 | 703332 | 2 | WASHER, Flat |
| 0350 | 703127 | 2 | NUT, Hex, 1/4-20, GR5 |
| 0360 | 1677296SM | 1 | BOOT, Insulation |
| 0370 | 703586 | 8 | TIE, Self Lock |
| 0390 | 1732004SM | 1 | SWITCH, Push Button (NO) |
| 0410 | 703233 | 1 | NUT, Flange, Serarated, 1/4-20, GR5 |
| 0420 | 1726557SM | 2 | KEY, No Mow |
| 0430 | 2172434SM | 2 | CLIP, Wire |
| 0560 | 1758331YP | 1 | PLUG, Dash (Use with Incandescent Lights) |
| 0560 | 1758565YP | 1 | PLUG, Dash (Use with LED Lights) |
| 0620 | 1732007SM | 1 | PLUG, Hole |
| 0630 | 7106169YP | 1 | SWITCH, Ignition |
| 0650 | 706123 | 1 | HARNESS, Headlight (Use with Incandescent Lights) |
| 0650 | 1751941YP | 1 | HARNESS, Headlight (Use with LED Lights) |
| 0690 | 1753240YP | 1 | PLUG, Starter Insert |
| 0700 | 703176 | 1 | CLIP, Wire |

**Footnotes:**

Note* See your local hardware store for replacement fuses.

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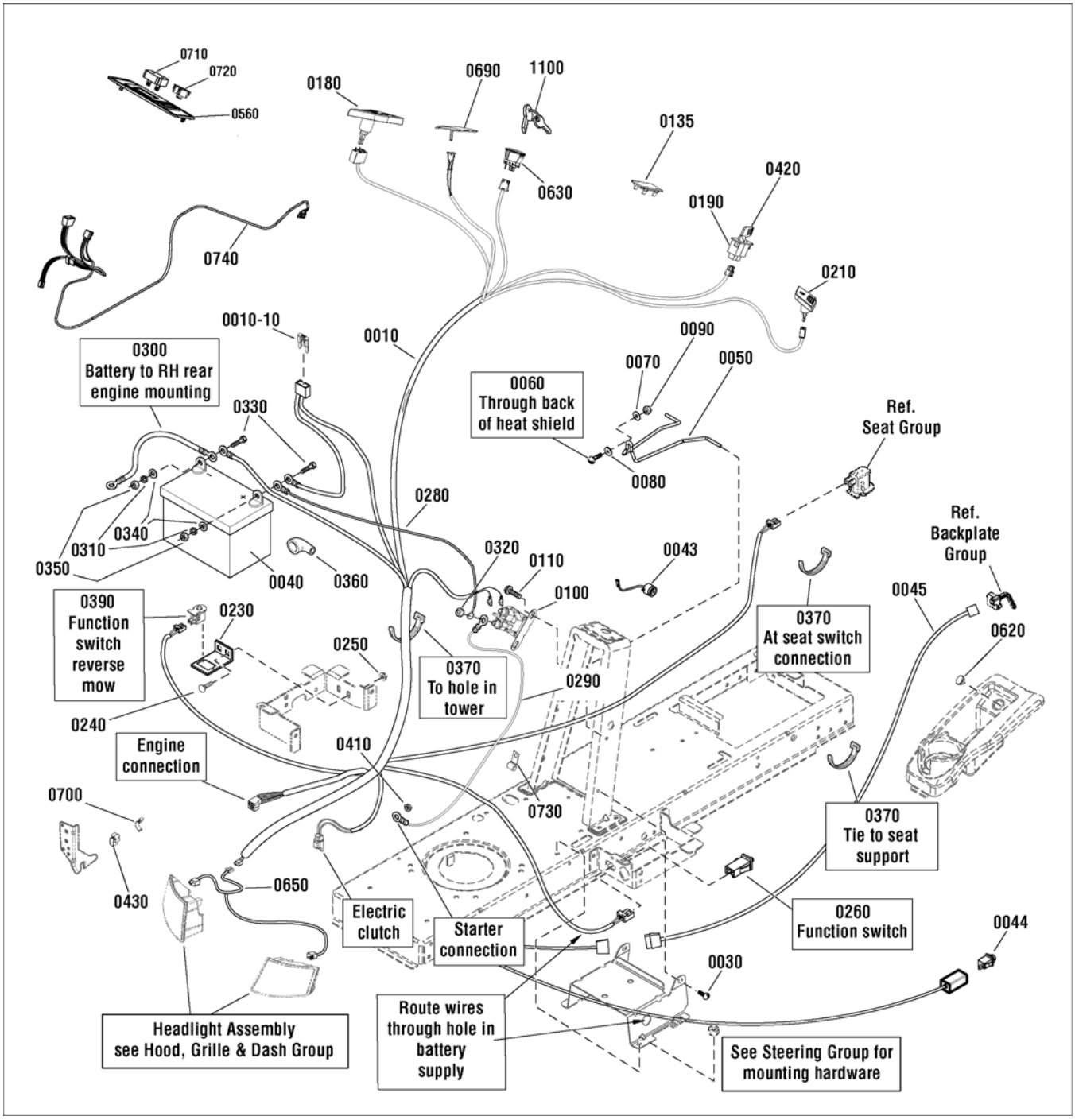
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0090
0070
0050
0300
Battery to RH rear engine mounting
0330
0060
Through back of heat shield
Ref.
Seat Group
0080
0280
0340
0310
0350
0040
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0320
0110
0043
Ref.
Backplate
Group
0100
0045
0390
Function switch reverse mow
0230
0370
At seat switch connection
0620
0250
0370
To hole in tower
0290
0240
Engine connection
0410
0730
0700
0370
Tie to seat support
0650
0430
Electric clutch
Starter connection
0260
Function switch
0044
0030
Route wires through hole in battery supply
Headlight Assembly
see Hood, Grille & Dash Group
See Steering Group for mounting hardware

| Item | Part No | Qty | Description |
|---|---|---|---|
| 0710 | 1731185SM | 1 | HOUR METER (Use with Incandescent Lights) |
| 0710 | 1758654YP | 1 | HOUR METER (Use with LED Lights) |
| 0720 | 1758683YP | 1 | FUEL GAUGE |
| 0730 | 7012652YP | 1 | CLIP, Wire, 7/16 |
| 0740 | 1758739YP | 1 | HARNESS, Jumper |
| 1100 | 1737837YP | 1 | KEY, Ingition, Blister Pack |

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**Footnotes:**

Note* See your local hardware store for replacement fuses.

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Reproduction

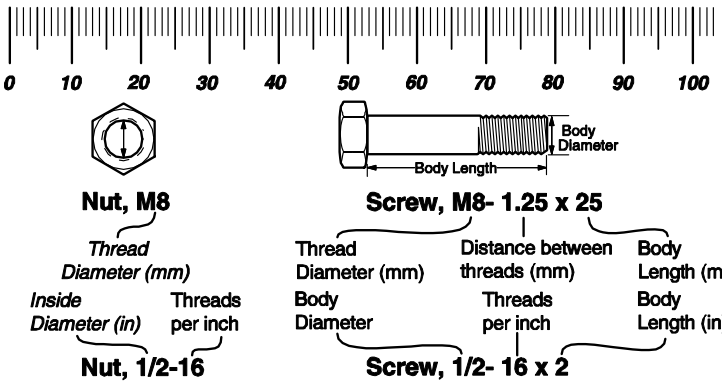
# Hardware Identification & Torque Specifications

## Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)

| Property Class | 5.6 Class 5.6 | | 8.8 Class 8.8 | | 10.9 Class 10.9 | | 12.9 Class 12.9 | |
|---|---|---|---|---|---|---|---|---|
| Size Of Hardware | in/lbs ft/lbs | Nm. | in/lbs ft/lbs | Nm. | in/lbs ft/lbs | Nm. | in/lbs ft/lbs | Nm. |
| 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 |

***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, (1.25 thread diameter).* The final number is the body length of the bolt or screw, 2 inches (50mm).

## Torque Specification Chart

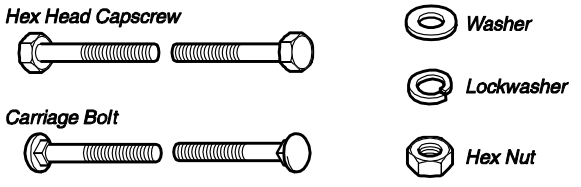
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

| Hardware Grade | No Marks SAE Grade 2 | | SAE Grade 5 | | SAE Grade 8 | |
|---|---|---|---|---|---|---|
| Size Of Hardware | in/lbs ft/lbs | Nm. | in/lbs ft/lbs | Nm. | in/lbs ft/lbs | Nm. |
| 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 |

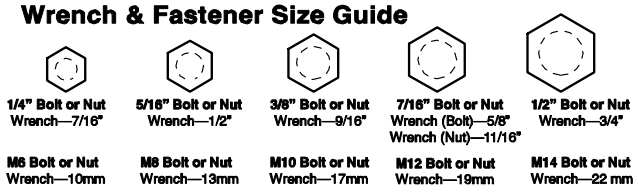
**NOTES**

1. 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.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

### Common Hardware Types




### Wrench & Fastener Size Guide



# *Parts Manual for*

SNAPPER®

# *96cm & 107cm EUROPEAN HYDRO DRIVE TRACTOR RPX & RTX SERIES*

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McDonough, GA, 30253 U.S.A.
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www.snapper.com

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**Manual No. 7106380**
**Revision: A 1/20/2015**