



# Parts Manual

Mfg. No: 2691507-00

ZT2348, 48" (122cm) Fabricated Mwer





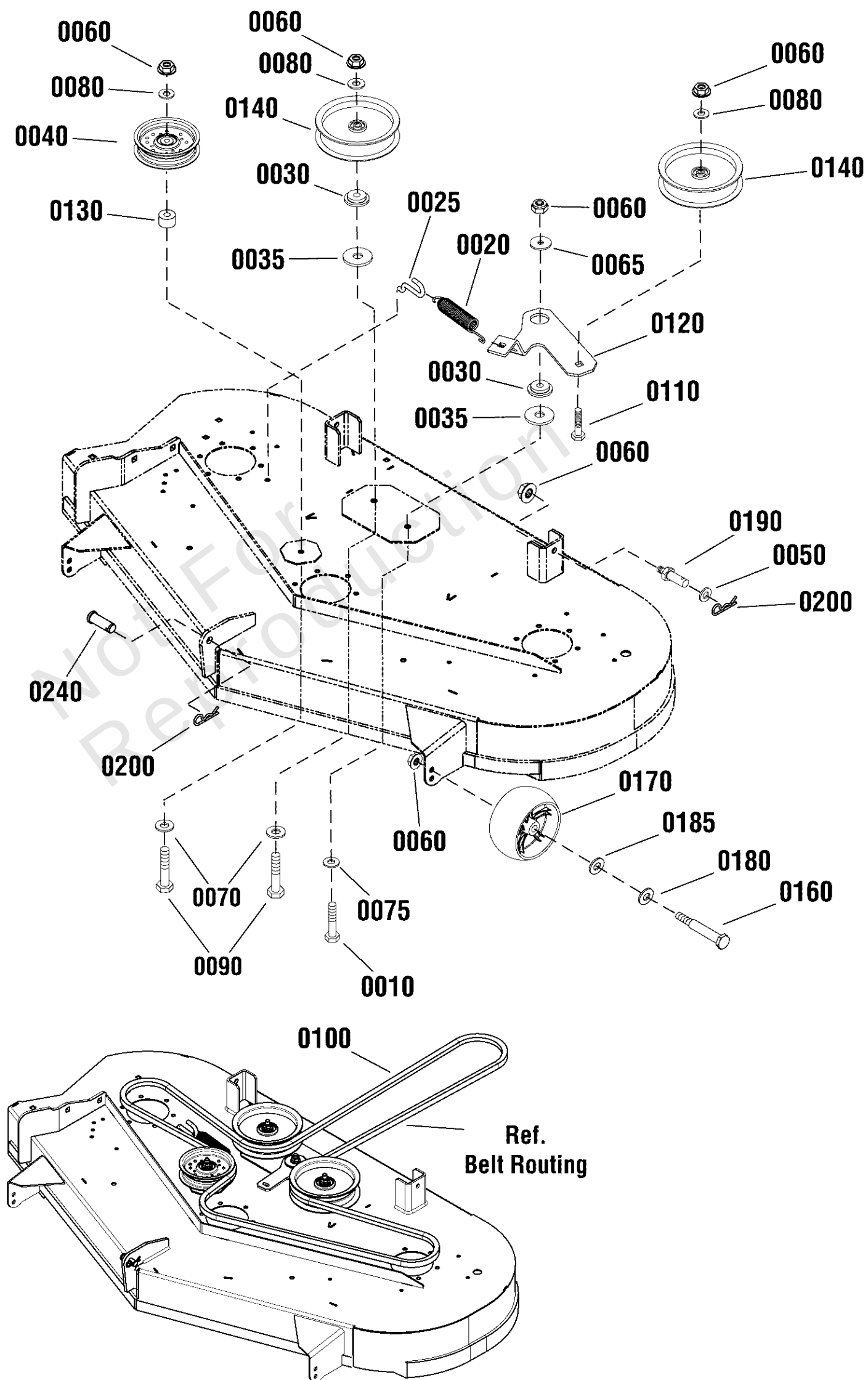
| <b>Model Components</b>                                       | <b>Page</b> |
|---------------------------------------------------------------|-------------|
| 48" (122cm) Mower Deck - Clutch & Support Group. ....         | 4           |
| 48" (122cm) Mower Deck - Housing, Arbors & Blades Group. .... | 6           |
| Body & Fuel Tank Group. ....                                  | 8           |
| Cargo Box Group. ....                                         | 10          |
| Controls Group. ....                                          | 12          |
| Decals Group. ....                                            | 14          |
| Electrical Group. ....                                        | 16          |
| Engine Group. ....                                            | 18          |
| Evap Group. ....                                              | 20          |
| Frame Group. ....                                             | 22          |
| Lift Group. ....                                              | 24          |
| Parking Brake Group. ....                                     | 26          |
| Seat Group (2992501). ....                                    | 28          |
| Transmission Group. ....                                      | 30          |
| Wheel & Tire Group. ....                                      | 32          |
| Torque Specification Chart. ....                              | 34          |

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### 48" (122cm) Mower Deck - Clutch & Support Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691507-00



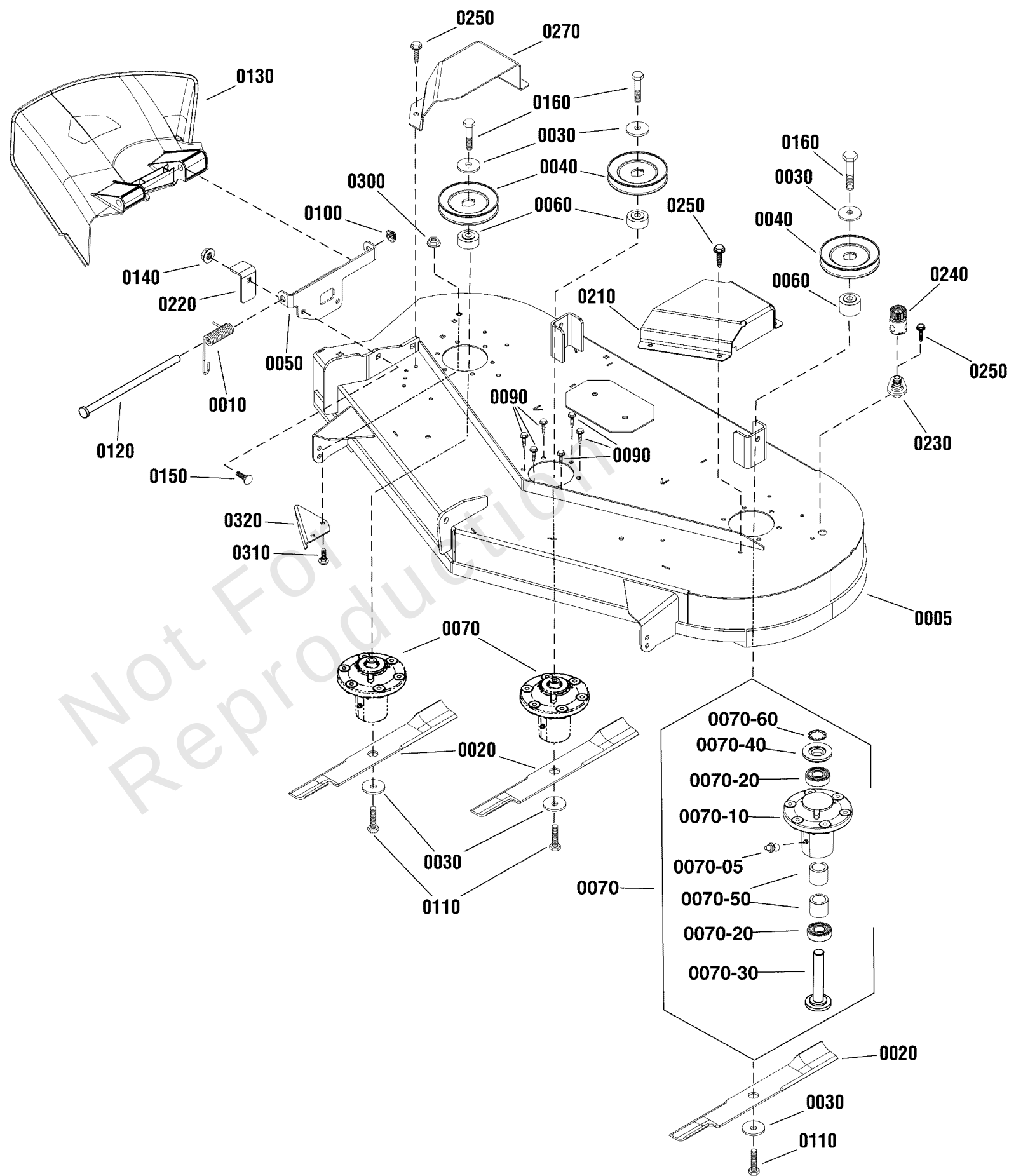
## 48" (122cm) Mower Deck - Clutch & Support Group

| REF NO | PART NO    | QTY | DESCRIPTION                             |
|--------|------------|-----|-----------------------------------------|
| 0010   | 703406     | 1   | CAPSCREW, Hex Head, 3/8-16 X 1 1/2, GR5 |
| 0020   | 1715772SM  | 1   | SPRING, Extension                       |
| 0025   | 1758170YP  | 1   | ANCHOR, Spring                          |
| 0030   | 706128     | 2   | SPACER, Idler                           |
| 0035   | 1960071SM  | 2   | WASHER, 3/8                             |
| 0040   | 1757823YP  | 1   | PULLEY, Idler, Backside                 |
| 0050   | 703853     | 2   | WASHER, 1/2                             |
| 0060   | 703158     | 8   | NUT, Hex Flange, 3/8-16                 |
| 0065   | 5025305SM  | 1   | WASHER, .41 X 1.75 X .14                |
| 0070   | 703591     | 2   | WASHER, Flat, 13/32 x 1 1/2 x 1/8       |
| 0075   | 1919384SM  | 1   | WASHER, 3/8                             |
| 0080   | 703878     | 3   | WASHER, Flat, 13/32 x 7/8 x .083        |
| 0090   | 703133     | 2   | CAPSCREW, Hex Head, 3/8-16 X 2 3/4, GR5 |
| 0100   | 1736516YP  | 1   | V-BELT, HA                              |
| 0110   | 7900009SM  | 1   | BOLT, Carriage, 3/8-16 X 2 1/4          |
| 0120   | 1758073AYP | 1   | ARM, Idler                              |
| 0120   | 1760882AYP | 1   | ARM, Idler                              |
| 0130   | 1667812SM  | 1   | SPACER, .390 ID .90 OD 0.70 Lg          |
| 0140   | 7034422SM  | 2   | PULLEY, Flat Idler                      |
| 0160   | 1736539YP  | 2   | BOLT, Shoulder, 3/8-16 X 3.41           |
| 0170   | 1736896YP  | 2   | WHEEL, Gauge                            |
| 0180   | 5025158SM  | 2   | WASHER, 1/2                             |
| 0185   | 0020X3MA   | 2   | WASHER, Spring                          |
| 0190   | 704054     | 2   | PIN, Threaded Shoulder, 3/8-16 X 11/16  |
| 0200   | 403162MA   | 3   | PIN, Hair, 3/32 X 1.6                   |
| 0240   | 5025479YP  | 1   | PIN, Clevis, 1/2 X 1 23/64              |

48" (122cm) Mower Deck - Housing, Arbors & Blades Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691507-00



## 48" (122cm) Mower Deck - Housing, Arbors & Blades Group

| REF NO  | PART NO     | QTY | DESCRIPTION                                  |
|---------|-------------|-----|----------------------------------------------|
| 0005    | 1687854YP   | 1   | KIT, Mower Deck w/Decals, 48"                |
| 0010    | 7035813SM   | 1   | SPRING, Torsion                              |
| 0020    | 1759055YP   | 3   | BLADE, 48" (122cm)                           |
| 0030    | 1656916SM   | 6   | WASHER, Spring                               |
| 0040    | 1732951SM   | 3   | PULLEY, 4.60                                 |
| 0050    | 1758982AYP  | 1   | BRACKET, Deflector                           |
| 0060    | 706362      | 2   | SPACER, Pulley                               |
| 0070    | 1760727     | 3   | ARBOR ASSEMBLY<br>-(*See footnote)           |
| 0070-05 | 1704314SM   | 1   | FITTING, Lube, 1/4                           |
| 0070-10 | 1755437YP   | 1   | HOUSING, w/Lube Fitting                      |
| 0070-20 | 1735399YP   | 2   | BEARING, Ball, 20mm                          |
| 0070-30 | 1760276YP   | 1   | SHAFT, Spindle                               |
| 0070-40 | 1735323YP   | 2   | SHIELD, Arbor                                |
| 0070-50 | 1735328YP   | 2   | SPACER, Bearing                              |
| 0070-60 | 1960766YP   | 2   | RING, Self Locking                           |
| 0090    | 704146      | 18  | SCREW, Hex Washer Head, Taptite, 5/16-18 x 1 |
| 0100    | 703179      | 1   | PUSHNUT, 1/2                                 |
| 0110    | 2820676SM   | 3   | CAPSCREW, Hex Head, 7/16-14 X 1              |
| 0120    | 7104640YP   | 1   | ROD, Deflector                               |
| 0130    | 7104733YP   | 1   | DEFLECTOR                                    |
| 0140    | 703793      | 4   | NUT, Lock, Flange, 3/8-16                    |
| 0150    | 703815      | 4   | BOLT, Carriage, 3/8-16 X 1                   |
| 0160    | 1921212SM   | 2   | CAPSCREW, Hex Head, 7/16-14 X 1 1/2          |
| 0210    | 1759303AYP  | 1   | COVER, Arbor, LH                             |
| 0220    | 1758593BMYP | 1   | PROP, Deflector                              |
| 0230    | 1756247YP   | 1   | ADAPTER, Washout Port                        |
| 0240    | 1756246YP   | 1   | CONNECTOR, Washout Port                      |
| 0250    | 703235      | 1   | SCREW, 5/16-18 X 3/4                         |
| 0270    | 1759305AYP  | 1   | COVER, Arbor, RH                             |
| 0300    | 703115      | 2   | NUT, Flange Nylock, 5/16-18                  |
| 0310    | 703185      | 2   | BOLT, Carriage, 5/16-18 X 3/4                |
| 0320    | 706368      | 1   | BAFFLE, Pinchoff                             |

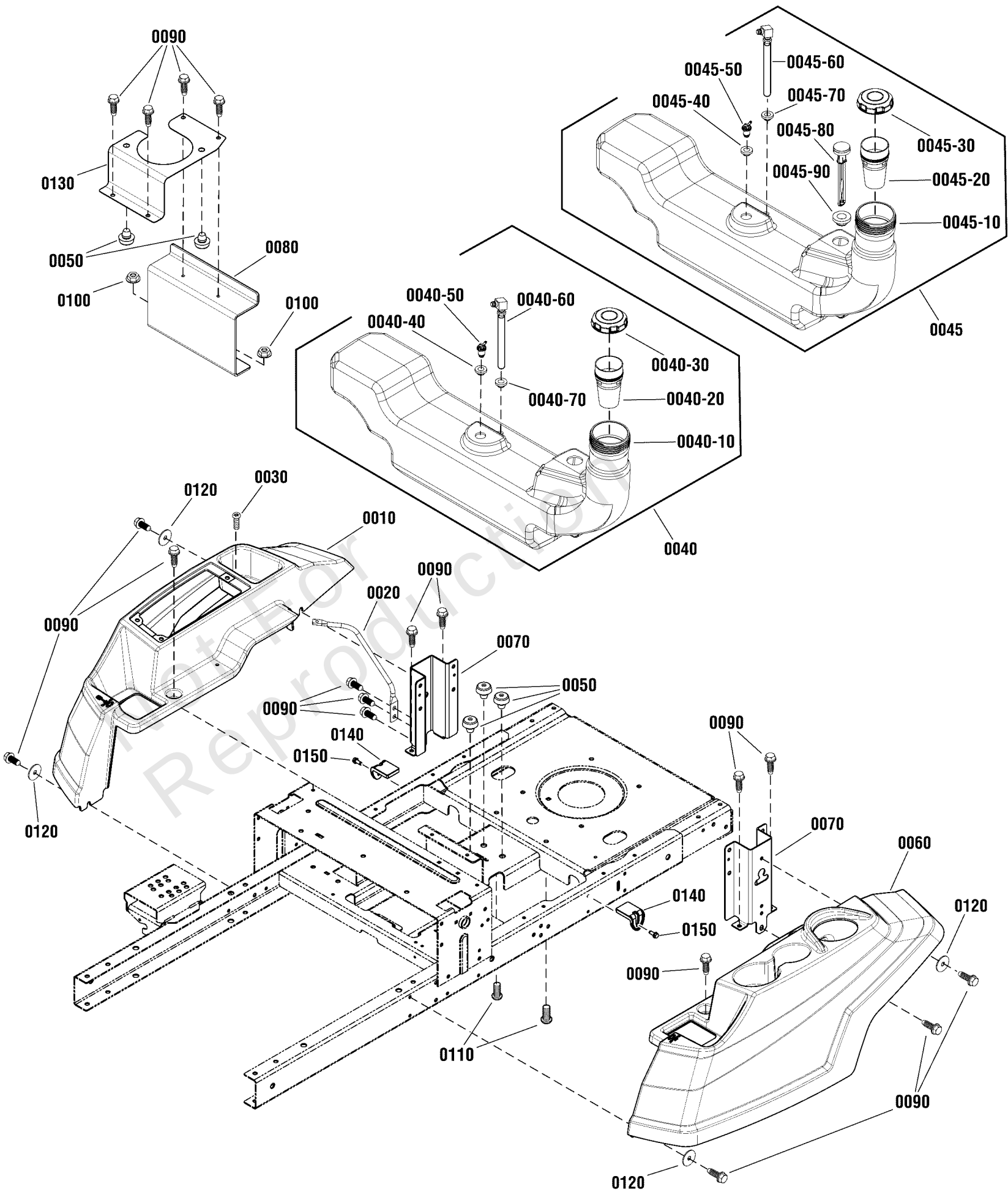
### Footnotes:

Note:\* Not serviced as an assembly, order components separately.

Body & Fuel Tank Group

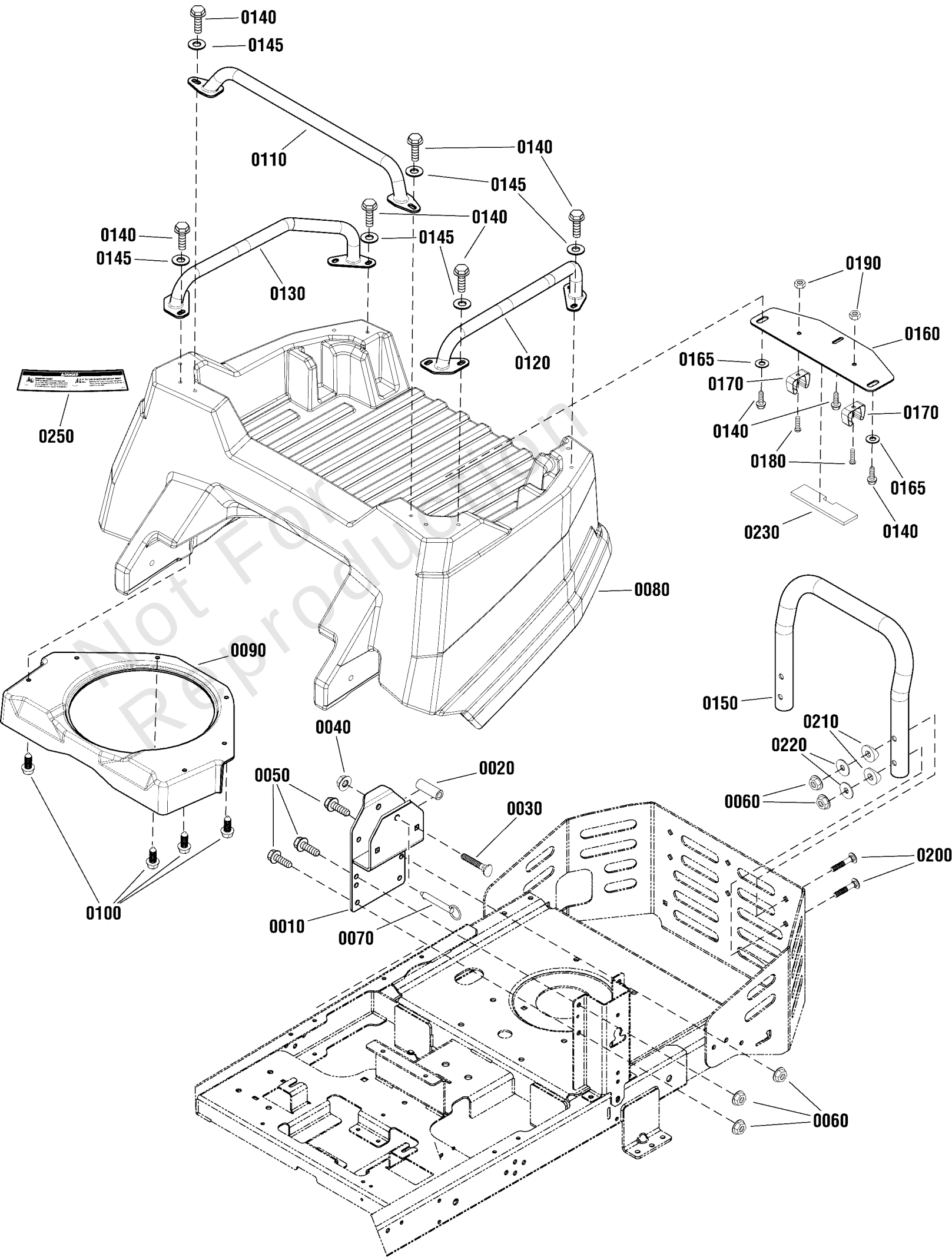
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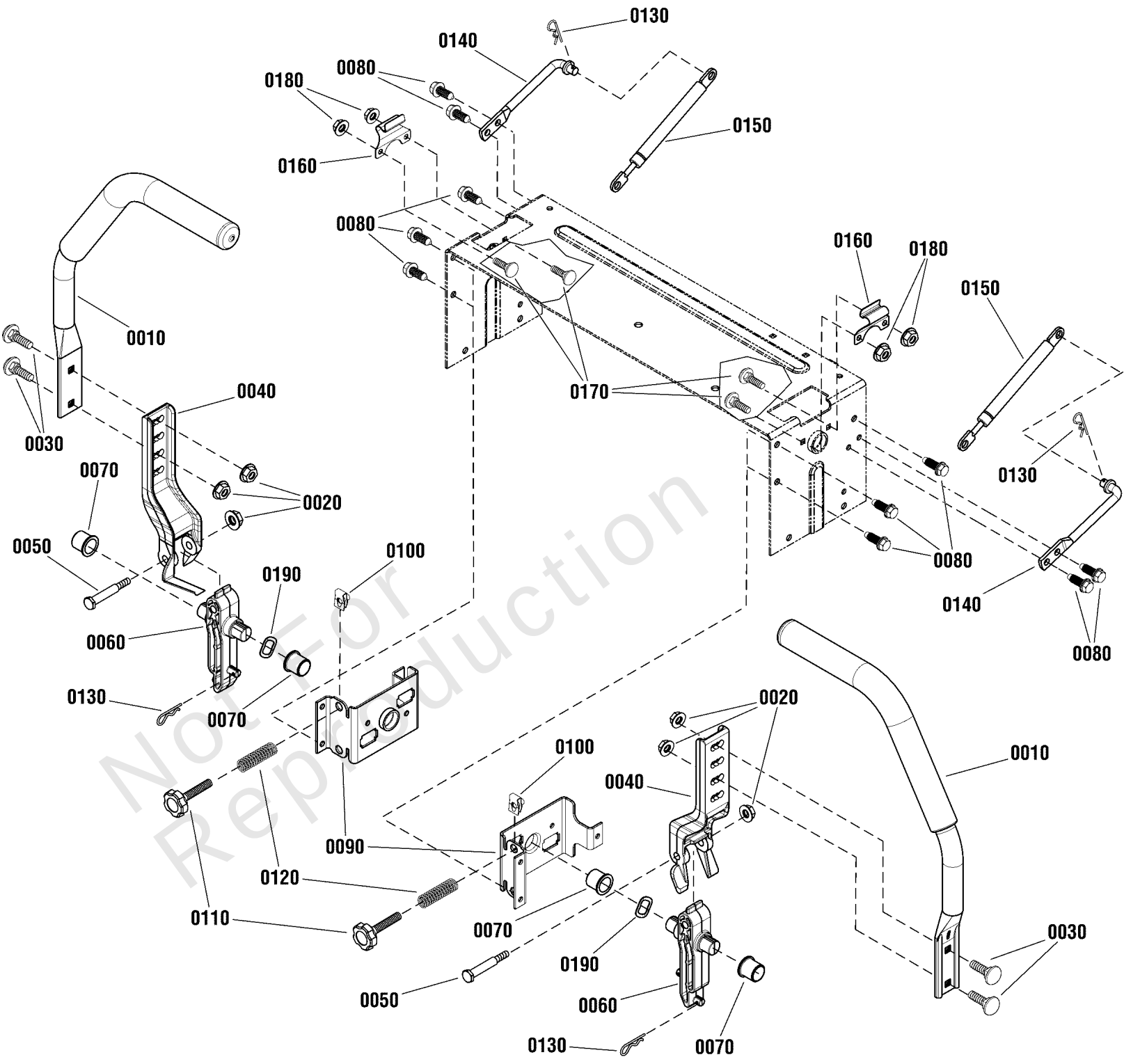
## Body & Fuel Tank Group

| REF NO  | PART NO    | QTY | DESCRIPTION                                                                     |
|---------|------------|-----|---------------------------------------------------------------------------------|
| 0010    | 1758077YP  | 1   | FENDER, RH                                                                      |
| 0020    | 1759369YP  | 1   | ROD, Support                                                                    |
| 0030    | 703953     | 1   | SCREW, Torx Pan Head Self-Tapping, 1/4-20 X 5/8,                                |
| 0040    | 1758202YP  | 1   | FUEL TANK ASSEMBLY, No Fuel Gauge<br>-(Includes item Nos. 0040-10 thru 0040-70) |
| 0040-10 | -----      | 1   | TANK, Fuel<br>-(Order item 0040)                                                |
| 0040-20 | 1758282YP  | 1   | NECK, Fuel Filter                                                               |
| 0040-30 | 1758314YP  | 1   | CAP, Fuel (Non Vented)                                                          |
| 0040-40 | 799624     | 1   | GROMMET                                                                         |
| 0040-50 | 770046     | 1   | VENT, Remote                                                                    |
| 0040-60 | 1758927YP  | 1   | TUBE, Fuel Pickup                                                               |
| 0040-70 | 1726400SM  | 1   | BUSHING                                                                         |
| 0045    | 1758919YP  | 1   | FUEL TANK ASSEMBLY. W / Fuel Gauge                                              |
| 0045-10 | -----      | 1   | TANK, Fuel<br>-(Order item 0045)                                                |
| 0045-20 | 1758282YP  | 1   | NECK, Fuel Filter<br>-(Includes item Nos. 0045-10 thru 0045-90)                 |
| 0045-30 | 1758314YP  | 1   | CAP, Fuel (Non Vented)                                                          |
| 0045-40 | 799624     | 1   | GROMMET                                                                         |
| 0045-50 | 770046     | 1   | VENT, Remote                                                                    |
| 0045-60 | 1758927YP  | 1   | TUBE, Fuel Pickup                                                               |
| 0045-70 | 1726400SM  | 1   | BUSHING                                                                         |
| 0045-80 | 1758928YP  | 1   | GAUGE, Fuel                                                                     |
| 0045-90 | 1722337SM  | 1   | GROMMET                                                                         |
| 0050    | 197546GS   | 5   | MOUNT, Vibration                                                                |
| 0060    | 1758076YP  | 1   | FENDER, LH                                                                      |
| 0070    | 1758239AYP | 2   | SUPPORT, Rear Fender                                                            |
| 0080    | 1758889AYP | 1   | SUPPORT, Seat Spring                                                            |
| 0090    | 703228     | 18  | SCREW, Washer Head Taptite, 5/16-18 X 3/4                                       |
| 0100    | 5025394SM  | 2   | NUT, Hex Flange, Nylock, 3/8-16                                                 |
| 0110    | 707790     | 2   | SCREW, Button Head, 3/8-16 X .88                                                |
| 0120    | 1960044SM  | 4   | WASHER, Flat, 5/16                                                              |
| 0130    | 1759140AYP | 1   | STRAP, Fuel Tank                                                                |
| 0140    | 1760244YP  | 2   | SUPPORT, Fuel Tank                                                              |
| 0150    | 703054     | 2   | SCREW, Hex Washer Head, 1/4-20 x 5/8                                            |



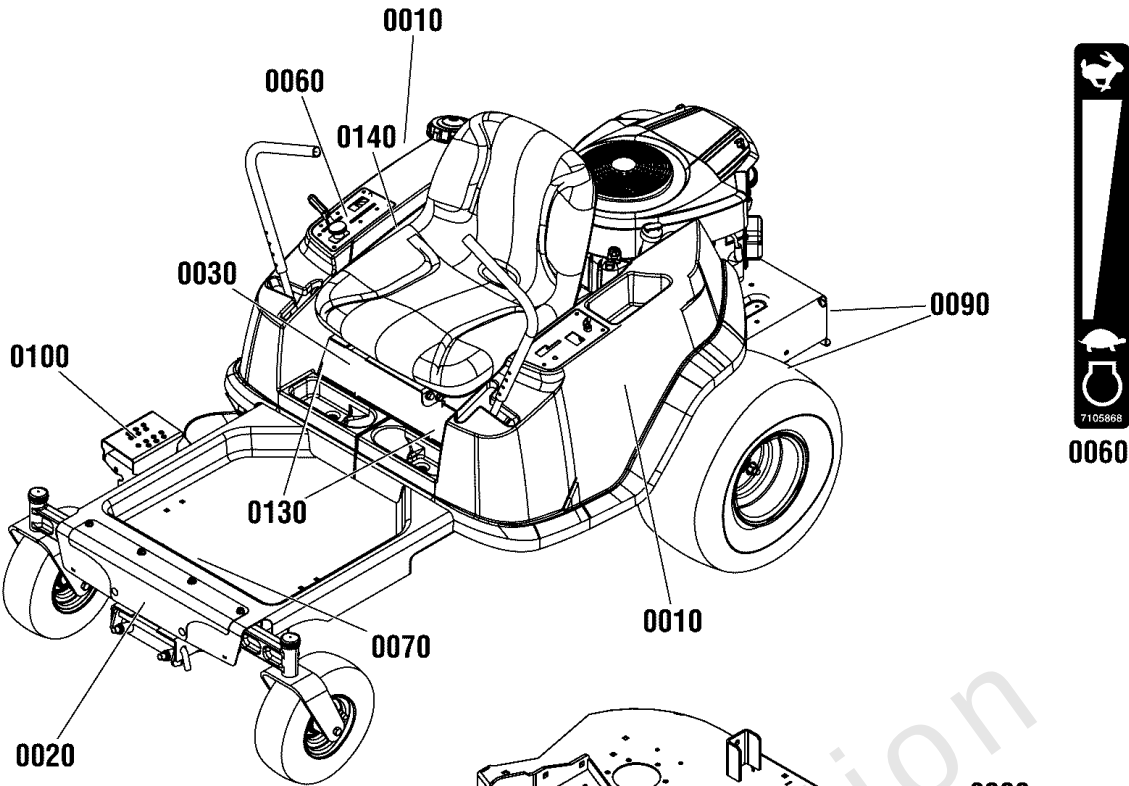
## Cargo Box Group

| REF NO | PART NO    | QTY | DESCRIPTION                                        |
|--------|------------|-----|----------------------------------------------------|
| 0010   | 1759433AYP | 2   | SUPPORT, Cargo Box                                 |
| 0020   | 1713588SM  | 2   | SPACER, .323 ID X .555 OD X 1.55 LG, CZ            |
| 0030   | 704421     | 2   | SCREW, 5/16 X 2 1/4, Carriage SH NK ZC/CL          |
| 0040   | 704067     | 2   | NUT, 5/16-18, Hex Flange, Center Lock              |
| 0050   | 703410     | 4   | BOLT, Serrated Flange, 5/16-18 X 1.0               |
| 0060   | 703115     | 8   | NUT, Flange Nylock, 5/16-18                        |
| 0070   | 5103021YP  | 2   | PIN, Hitch, 3/8 X 2 1/2, Cotterless CZ             |
| 0080   | 1758154YP  | 1   | BOX, Cargo                                         |
| 0090   | 1759078YP  | 1   | PLENUM, Utility Box                                |
| 0100   | 708152     | 4   | SCREW, Hex Washer Head                             |
| 0110   | 1759079YP  | 1   | RAIL, Front                                        |
| 0120   | 1759083YP  | 1   | RAIL, Side, LH                                     |
| 0130   | 1759086YP  | 1   | RAIL, Side, RH                                     |
| 0140   | 1931646SM  | 13  | SCREW, Hex Flange, 1/4-20 X 1/2                    |
| 0145   | 7091253YP  | 10  | WASHER, Flat                                       |
| 0150   | 1759315AYP | 1   | TUBE, Support                                      |
| 0160   | 1759357AYP | 1   | PLATE, Latch                                       |
| 0165   | 5025288YP  | 2   | WASHER, 1/4 Fender                                 |
| 0170   | 1726728SM  | 2   | CLIP                                               |
| 0180   | 1930531SM  | 2   | SCREW, Truss, #10-32, GR5                          |
| 0190   | 1928919SM  | 2   | NUT, Hex, #10 - 32                                 |
| 0200   | 704035     | 4   | BOLT, 5/16-18 X 2, Carriage                        |
| 0210   | 1759361YP  | 4   | SADDLE, Tube, 1.25 O.D.                            |
| 0220   | 1960044SM  | 4   | WASHER, 5/16 Flat (.33 ID X 1.25 OD X .07 THK) BLK |
| 0230   | 1759603YP  | 1   | PAD, Friction                                      |
| 0250   | 1759613YP  | 1   | DECAL, Danger                                      |



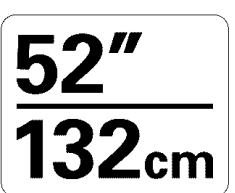
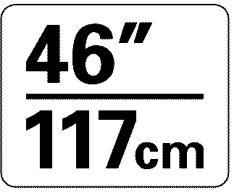
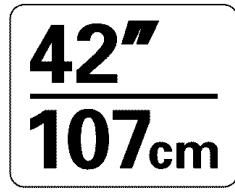
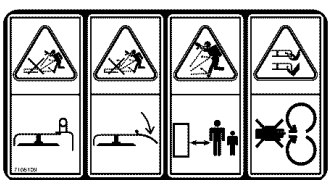
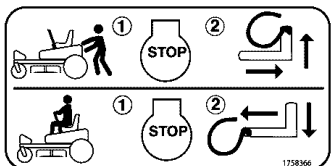
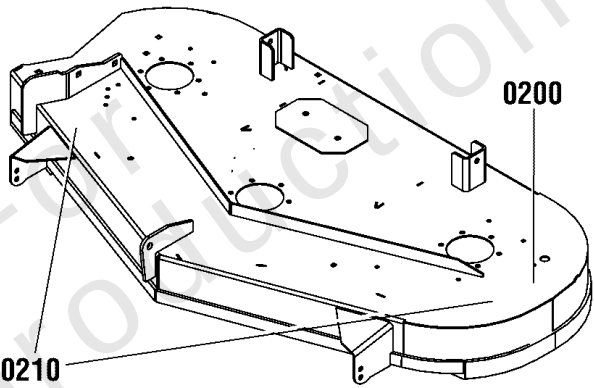
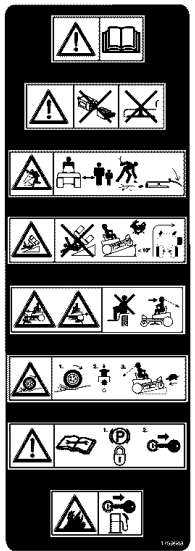
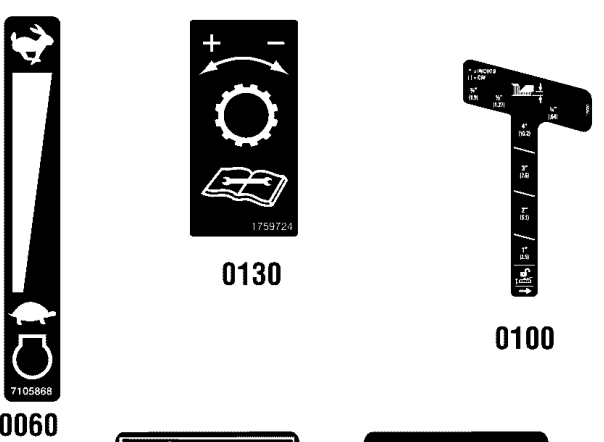
## Controls Group

| REF NO | PART NO    | QTY | DESCRIPTION                       |
|--------|------------|-----|-----------------------------------|
| 0010   | 1758372YP  | 2   | HANDLE, Control w/Grip            |
| 0020   | 703115     | 4   | NUT, Flange Nylock, 5/16-18       |
| 0030   | 703483     | 4   | BOLT, Carriage, 5/16-18 X 1       |
| 0040   | 1757965YP  | 2   | ARM, Upper Control                |
| 0050   | 707624     | 2   | BOLT, Shoulder, 5/16-18 X 3/8     |
| 0060   | 1757964YP  | 2   | ARM, Lower Control                |
| 0070   | 2176440SM  | 4   | BUSHING                           |
| 0080   | 703949     | 10  | SCREW, Washer Head, 5/16-18 X 5/8 |
| 0090   | 1758087AYP | 2   | PIVOT, Inner Control              |
| 0100   | 1960717SM  | 2   | NUT, Speed, 5/16-1*               |
| 0110   | 1758373YP  | 2   | KNOB, Stud, 5/16-18 X 2 1/2       |
| 0120   | 1650347SM  | 2   | SPRING, Compression               |
| 0130   | 1722460SM  | 4   | PIN, Hair                         |
| 0140   | 1758463YP  | 2   | ROD, Dampner Mount                |
| 0150   | 1758152YP  | 2   | CONTROL, Dampner                  |
| 0160   | 1759182YP  | 2   | LATCH, Control Arm                |
| 0170   | 1960252SM  | 4   | BOLT, Carriage, 1/4-20 x 5/8      |
| 0180   | 703463     | 4   | NUT, Nylock Flanged, 1/4-20       |
| 0190   | 707625     | 2   | WASHER, Wave, 3/4                 |



| Belts & Blades     |             |
|--------------------|-------------|
| Tractor            |             |
| Pump Drive Belt    | 1758100YP   |
| (Suspension Model) | 885714YP    |
| 44" Mower          |             |
| Deck Drive Belt    | 1736516YP   |
| Mower Blade        | 1727774ASM  |
| 46" Mower          |             |
| Deck Drive Belt    | 1736516YP   |
| Mower Blade        | 1737228BZYP |
| 48" Mower          |             |
| Deck Drive Belt    | 1736516YP   |
| Mower Blade        | 1759055YP   |

| Belts & Blades      |             |
|---------------------|-------------|
| Tractor             |             |
| Pump Drive Belt     | 1758100YP   |
| (Suspension Models) | 885714YP    |
| 42" Mower           |             |
| Deck Drive Belt     | 1758101YP   |
| Mower Blade         | 1758878BMYP |
| 52" Mower           |             |
| Deck Drive Belt     | 1757901YP   |
| Mower Blade         | 1756152AYP  |



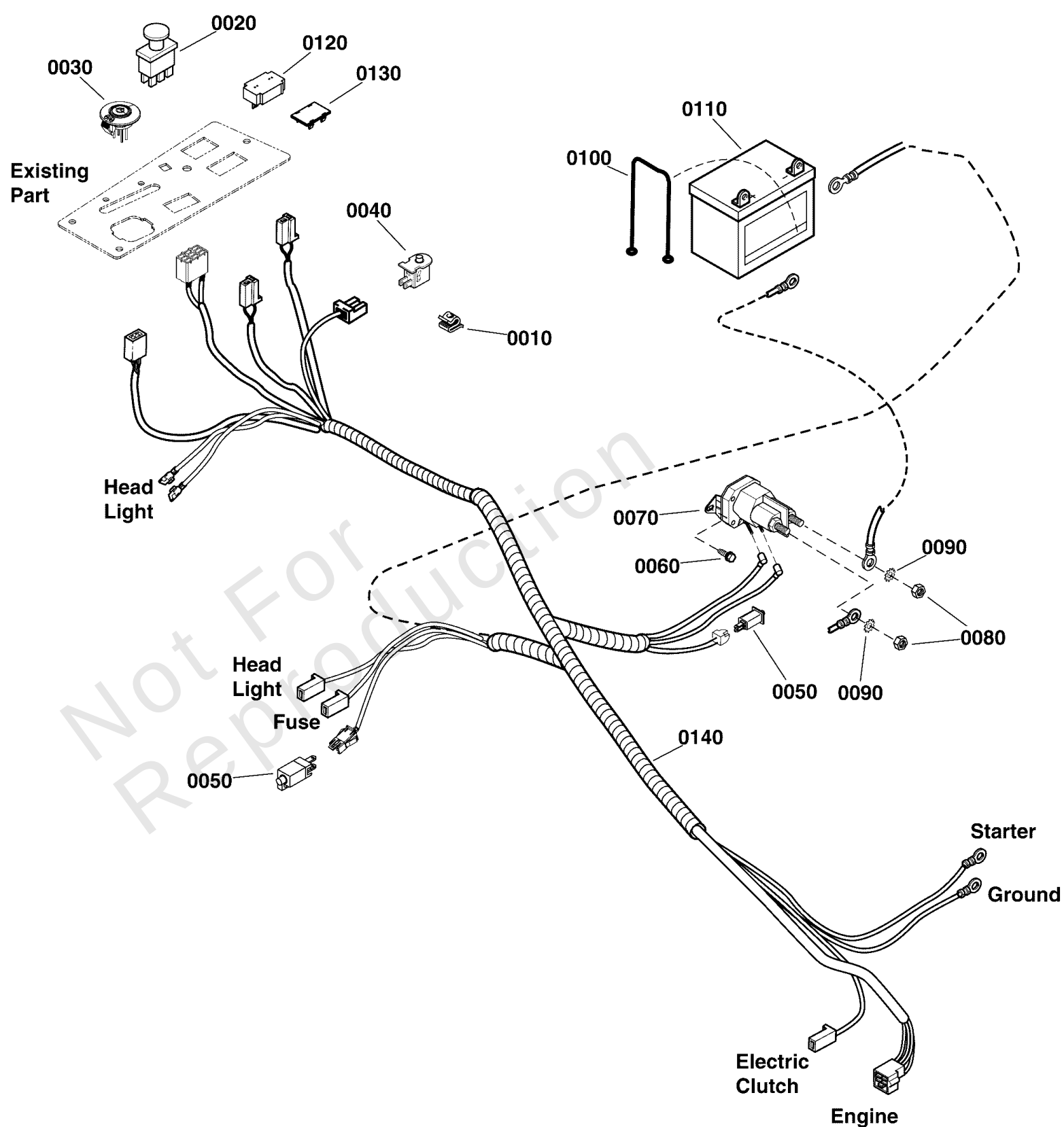
## ***Decals Group***

| REF NO | PART NO   | QTY | DESCRIPTION                    |
|--------|-----------|-----|--------------------------------|
| 0010   | 1760170YP | 2   | DECAL, Logo, Snapper           |
| 0020   | 1750913YP | 1   | DECAL, Logo, Snapper           |
| 0030   | 1758364YP | 1   | DECAL, 360Z                    |
| 0040   | 7101665YP | 2   | DECAL, Danger                  |
| 0060   | 7105868YP | 1   | DECAL, Engine Speed            |
| 0070   | 1758193YP | 1   | DECAL, Safety Inst.            |
| 0070   | 1759648YP | 1   | DECAL, Safety Inst.            |
| 0090   | 1758366YP | 2   | DECAL, Tow Release             |
| 0100   | 1759253YP | 1   | DECAL, Height of Cut           |
| 0130   | 1759724YP | 2   | DECAL, Tracking                |
| 0140   | 1759772YP | 1   | DECAL, Service Parts           |
| 0140   | 1759773YP | 1   | DECAL, Service Parts           |
| 0200   | 1755716YP | 1   | DECAL, 42"/107cm               |
| 0200   | 1755718YP | 1   | DECAL, 46"/117cm               |
| 0200   | 1755719YP | 1   | DECAL, 48"/122cm               |
| 0200   | 1755721YP | 1   | DECAL, 52"/132cm               |
| 0210   | 7101665YP | 2   | DECAL, Danger                  |
| 0220   | 706111    | 2   | DECAL, Discharge Safety        |
| 0340   | 1760952YP | 1   | DECAL, NOM/LASE 1412 (Spanish) |

***Electrical Group***

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Mfg. No: 2691507-00



## ***Electrical Group***

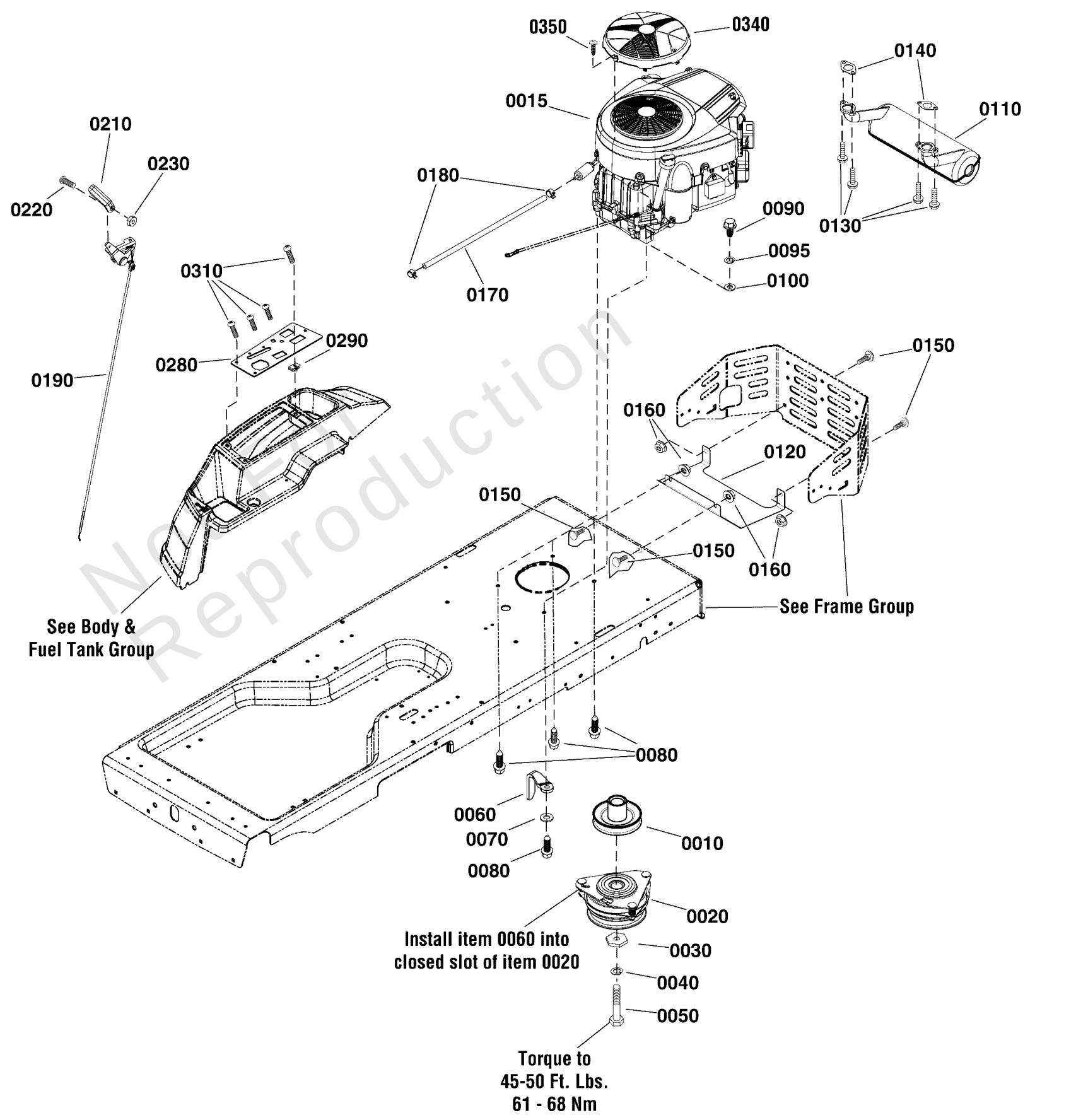
| REF NO | PART NO   | QTY | DESCRIPTION                           |
|--------|-----------|-----|---------------------------------------|
| 0010   | 2172434SM | 2   | CLIP, Wire, .390 Dia.                 |
| 0020   | 5022180SM | 1   | SWITCH, Blade Engage                  |
| 0030   | 7106169YP | 1   | SWITCH, Ignition, Delta (3 Postition) |
| 0040   | 7023354YP | 1   | SWITCH, Seat, Push Button (NC)        |
| 0050   | 7022886YP | 2   | SWITCH, DP, NO/NC, Snap-In            |
| 0060   | 1960252SM | 2   | BOLT, Carriage, 1/4-20 x 5/8          |
| 0070   | 1755382YP | 1   | SOLENOID, 1/4-20 STD, 2 Spade         |
| 0080   | 703463    | 2   | NUT, Nylock Flanged, 1/4-20           |
| 0090   | 703061    | 3   | NUT, 1/4-20, Keps, Conical Washer     |
| 0100   | 1722009SM | 1   | STRAP, Rubber, 13"                    |
| 0110   | ----      | 1   | BATTERY, 12 Volt, 230 CCA             |
| 0120   | 1731185SM | 1   | HOUR METER, Digital, No Alarms        |
| 0130   | 1722611SM | 1   | PLUG, Hole, .85 X 1.73                |
| 0140   | 1758084YP | 1   | HARNESS, Main, EU, ZTR                |

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# Engine Group

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## Engine Group

| REF NO | PART NO        | QTY | DESCRIPTION                                                                  |
|--------|----------------|-----|------------------------------------------------------------------------------|
| 0015   | 44U777-0003-G1 | 1   | * ENGINE, 23 Gross HP B&S PRO Series Twin<br>-(Engine Model: 44U777-0003-G1) |
| 0015   | 44U677-0011-B1 | 1   | * ENGINE, 23 Gross HP B&S PRO Series Twin<br>-(Engine Model: 44U777-0011-B1) |
| 0015   | 44S977-0022-G1 | 1   | * ENGINE, 25 Gross HP B&S PRO Series Twin<br>-(Engine Model: 44S977-0022-G1) |
| 0015   | 44U877-0003-B1 | 1   | * ENGINE, 8270 Pro Series Twin<br>-(Engine Model: 44S977-0022-G1)            |
| 0010   | 1757995YP      | 1   | PULLEY ASSEMBLY                                                              |
| 0020   | 1736105SM      | 1   | CLUTCH, Ogura                                                                |
| 0030   | 1708264SM      | 1   | WASHER, Hex                                                                  |
| 0040   | 704007         | 1   | WASHER, Lock, 7/16                                                           |
| 0050   | 1960649SM      | 1   | CAPSCREW, Hex Head, 7/16-20 X 3 1/2, G5                                      |
| 0060   | 1737421AYP     | 1   | GUIDE, Belt                                                                  |
| 0070   | 703878         | 1   | WASHER, Flat, 13/32 x 7/8 x .083                                             |
| 0080   | 2828635SM      | 4   | SCREW, Taptite, 3/8-16 X 1 1/4                                               |
| 0090   | 703054         | 1   | SCREW, Hex Washer Head, 1/4-20 x 5/8                                         |
| 0095   | 703332         | 1   | WASHER, Flat, 1/4                                                            |
| 0100   | 1921880SM      | 1   | WASHER, Lock, 1/4                                                            |
| 0110   | 1758350YP      | 1   | MUFFLER                                                                      |
| 0120   | 1759502AYP     | 1   | SHIELD, Heat                                                                 |
| 0130   | 690341         | 4   | SCREW                                                                        |
| 0140   | 690970         | 2   | GASKET, Exhaust                                                              |
| 0150   | 703185         | 4   | BOLT, Carriage, 5/16-18 X 3/4                                                |
| 0160   | 703115         | 4   | NUT, Flange Nylock, 5/16-18                                                  |
| 0170   | 327290MA       | 1   | HOSE, Fuel                                                                   |
| 0180   | 691038         | 2   | CLAMP, Hose                                                                  |
| 0190   | 1759205YP      | 1   | CONTROL, Throttle                                                            |
| 0210   | 1739312YP      | 1   | KNOB, Throttle                                                               |
| 0220   | 797483         | 1   | Screw                                                                        |
| 0230   | 703460         | 1   | Nut                                                                          |
| 0280   | 1759429AYP     | 1   | PANEL, Control                                                               |
| 0290   | 705876         | 3   | NUT, Speed, 1/4-20                                                           |
| 0310   | 7090999SM      | 5   | SCREW, Phillips Head, 1/4-20 X 5/8                                           |
| 0340   | 797420YP       | 1   | GUARD, Debris Screen                                                         |
| 0350   | 799359         | 1   | Screw                                                                        |

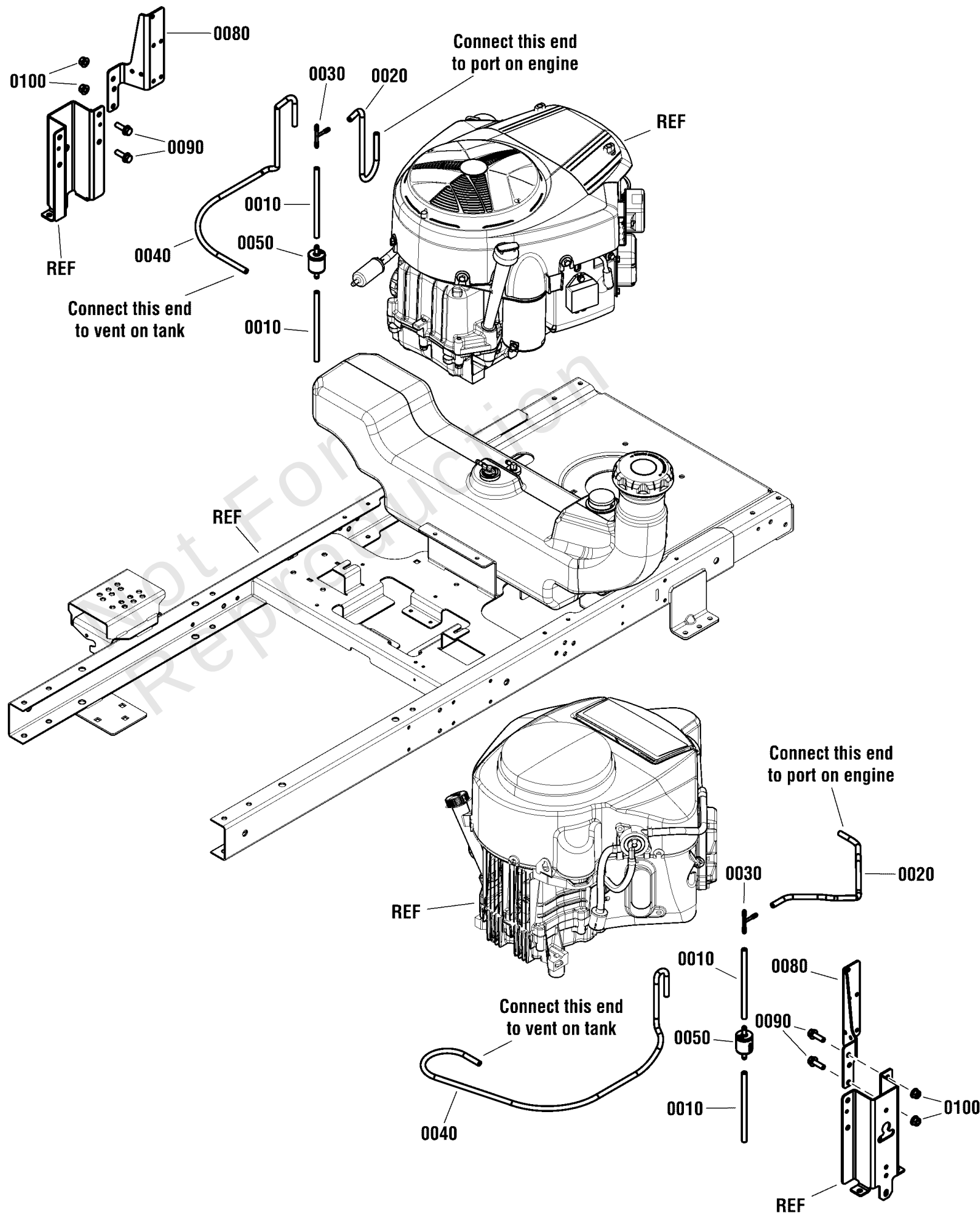
### Footnotes:

Note:\* See your local Briggs & Stratton distributor for parts & service.

# Evap Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691507-00



## *Evap Group*

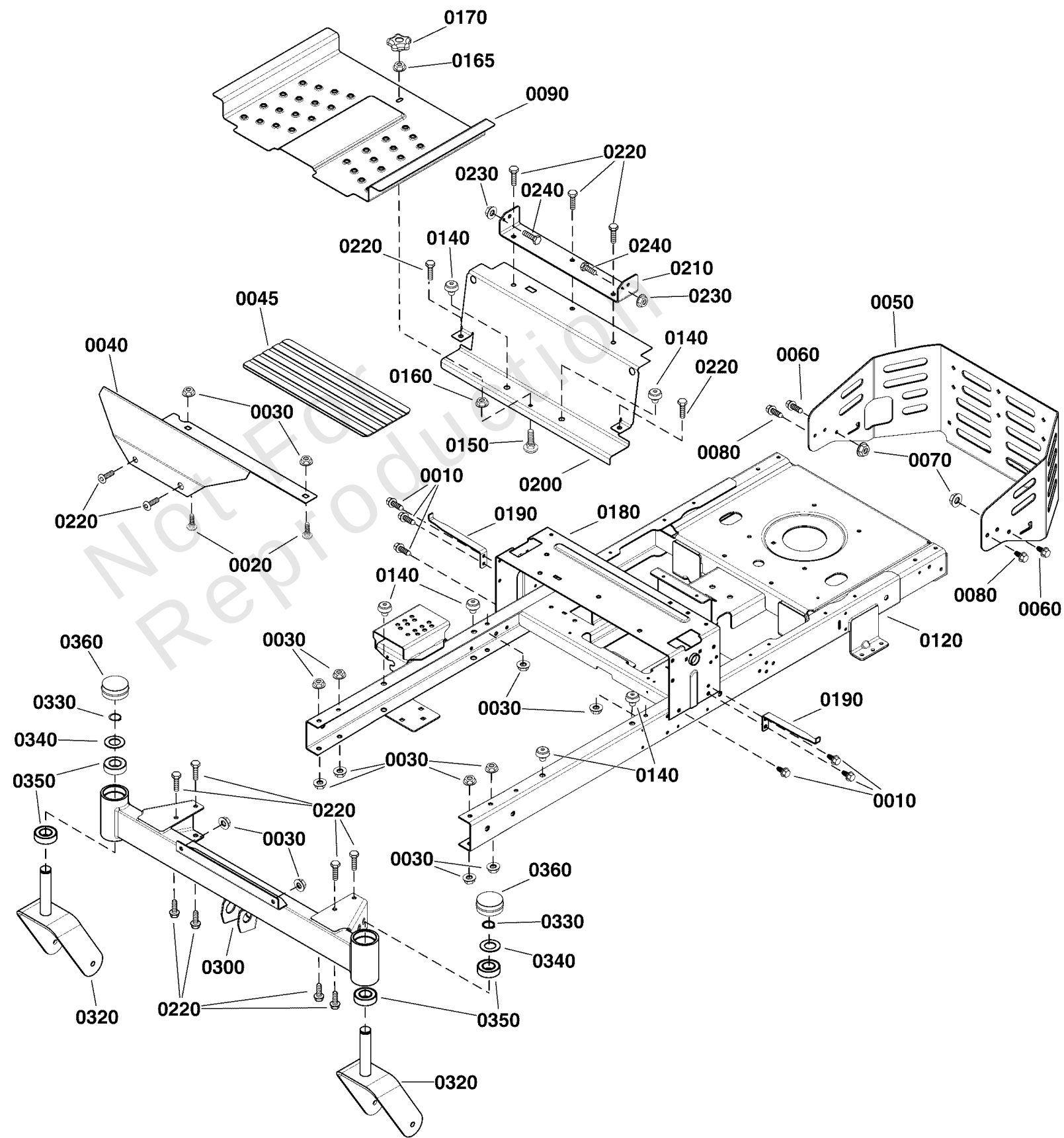
| REF NO | PART NO      | QTY | DESCRIPTION                                        |
|--------|--------------|-----|----------------------------------------------------|
| 0010   | 7700552X6YP  | 2   | HOSE, VAPOR, 5MM ID, 6.00 LG                       |
| 0020   | 7700552X12YP | 1   | HOSE, Vapor, 5 MM ID X 9 MM OD X 12"               |
| 0030   | 5103062YP    | 1   | FITTING, 3/16" TEE, BARB TYPE, HDPE                |
| 0040   | 7700552X26YP | 1   | HOSE, Vapor, 5 MM ID, 26.00 LG<br>-(Cut to length) |
| 0050   | 691035       | 1   | FILTER, Fuel                                       |
| 0070   | 5021030SM    | 5   | TIE, 6" Self-Locking<br>-(Not Shown)               |
| 0080   | 1760538AYP   | 1   | BRACKET, Vent Hose Mount - BS Twin (BLK)           |
| 0090   | 703410       | 2   | BOLT, Serrated Flange, 5/16-18 X 1.0               |
| 0100   | 703115       | 2   | NUT, Flange Nylock, 5/16-18                        |

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Frame Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691507-00



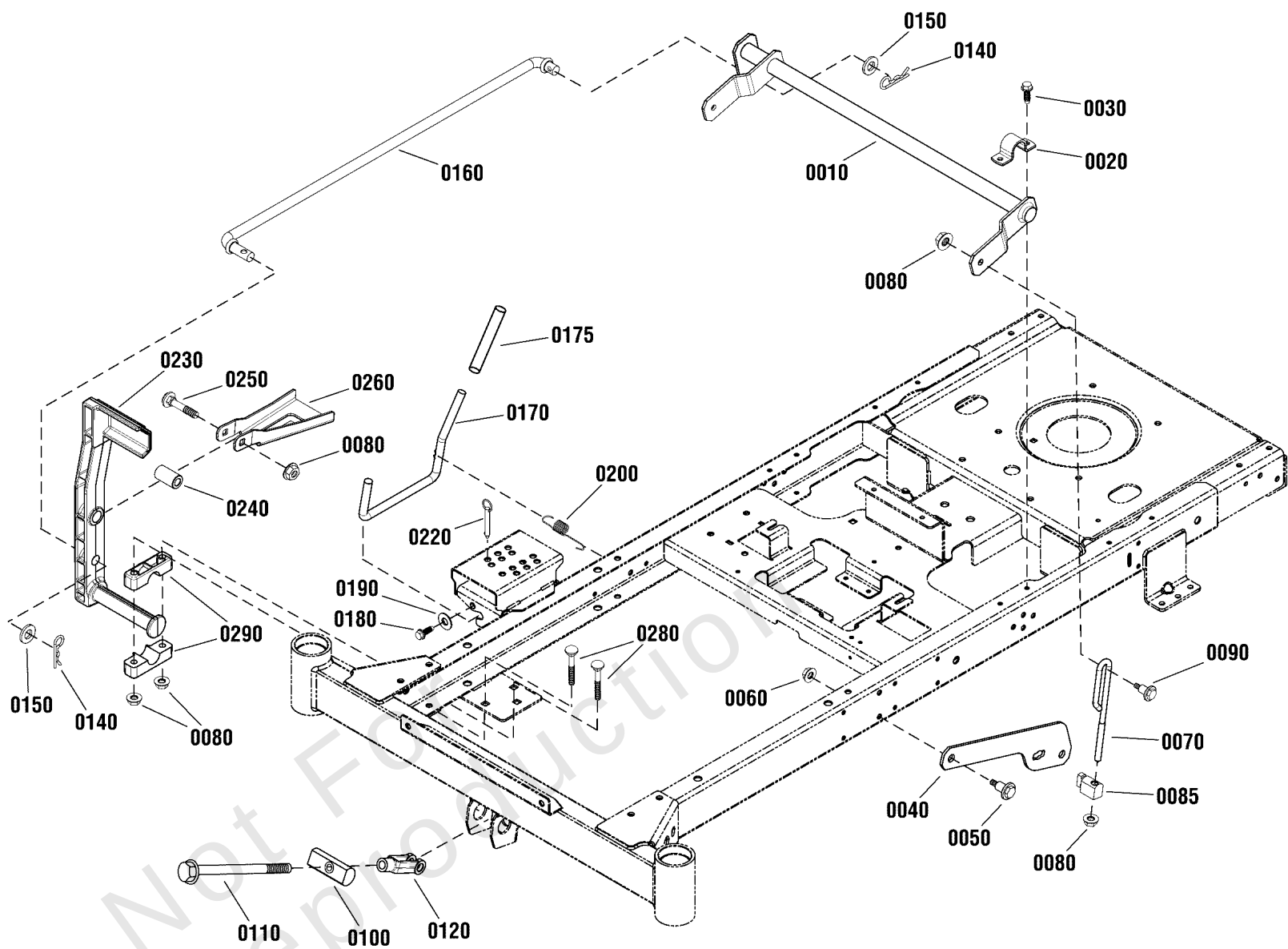
## Frame Group

| REF NO | PART NO     | QTY | DESCRIPTION                                    |
|--------|-------------|-----|------------------------------------------------|
| 0010   | 703949      | 6   | SCREW, Washer Head, 5/16-18 X 5/8              |
| 0020   | 703448      | 2   | BOLT, Carriage, 3/8-16 X 3/4, GR5              |
| 0030   | 5025394SM   | 17  | NUT, Hex Flange, Nylock, 3/8-16                |
| 0040   | 1758894DYP  | 1   | FOOTREST                                       |
| 0045   | 5101374YP   | 1   | SAFETY WALK                                    |
| 0050   | 1759501DYP  | 1   | BUMPER, Rear                                   |
| 0060   | 703410      | 2   | BOLT, Serrated Flange, 5/16-18 X 1.0           |
| 0070   | 703115      | 2   | NUT, Flange Nylock, 5/16-18                    |
| 0080   | 1664847CAYP | 2   | SCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4 |
| 0090   | 1757813DYP  | 1   | PAN, Bottom                                    |
| 0120   | -----       | 1   | FRAME, Fixed ZT<br>-(Not a serviceable part)   |
| 0140   | 197546GS    | 6   | MOUNT, Vibration                               |
| 0150   | 7090496YP   | 1   | BOLT, Carriage, 1/4C X 1, GR5                  |
| 0160   | 703233      | 1   | NUT, Serrated, Flange, 1/4-20, GR5             |
| 0165   | 703954      | 1   | NUT, Centrelock, 1/4-20, GR5                   |
| 0170   | 707785      | 1   | KNOB, 5 Prong                                  |
| 0180   | 1758010DYP  | 1   | BRACKET, Control                               |
| 0190   | 1758240AYP  | 2   | BRACKET, Fender                                |
| 0200   | 1757796DYP  | 1   | BRACKET, Brand                                 |
| 0210   | 84001615    | 1   | BRACKET, Seat                                  |
| 0220   | 707790      | 15  | SCREW, Button Head, 3/8-16 X .88               |
| 0230   | 5025339YP   | 2   | NUT, Hex, 8-32                                 |
| 0240   | 707790      | 2   | SCREW, Button Head, 3/8-16 X .88               |
| 0300   | 84001615    |     | BRACKET, Seat                                  |
| 0320   | 84001615    | 2   | BRACKET, Seat                                  |
| 0330   | 703993      | 2   | RETAINER, Ring                                 |
| 0340   | 703199      | 2   | WASHER, Flat                                   |
| 0350   | 1758354YP   | 4   | BEARING, 25 MM                                 |
| 0360   | 5105524YP   | 2   | CAP, Caster                                    |

**Lift Group**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691507-00



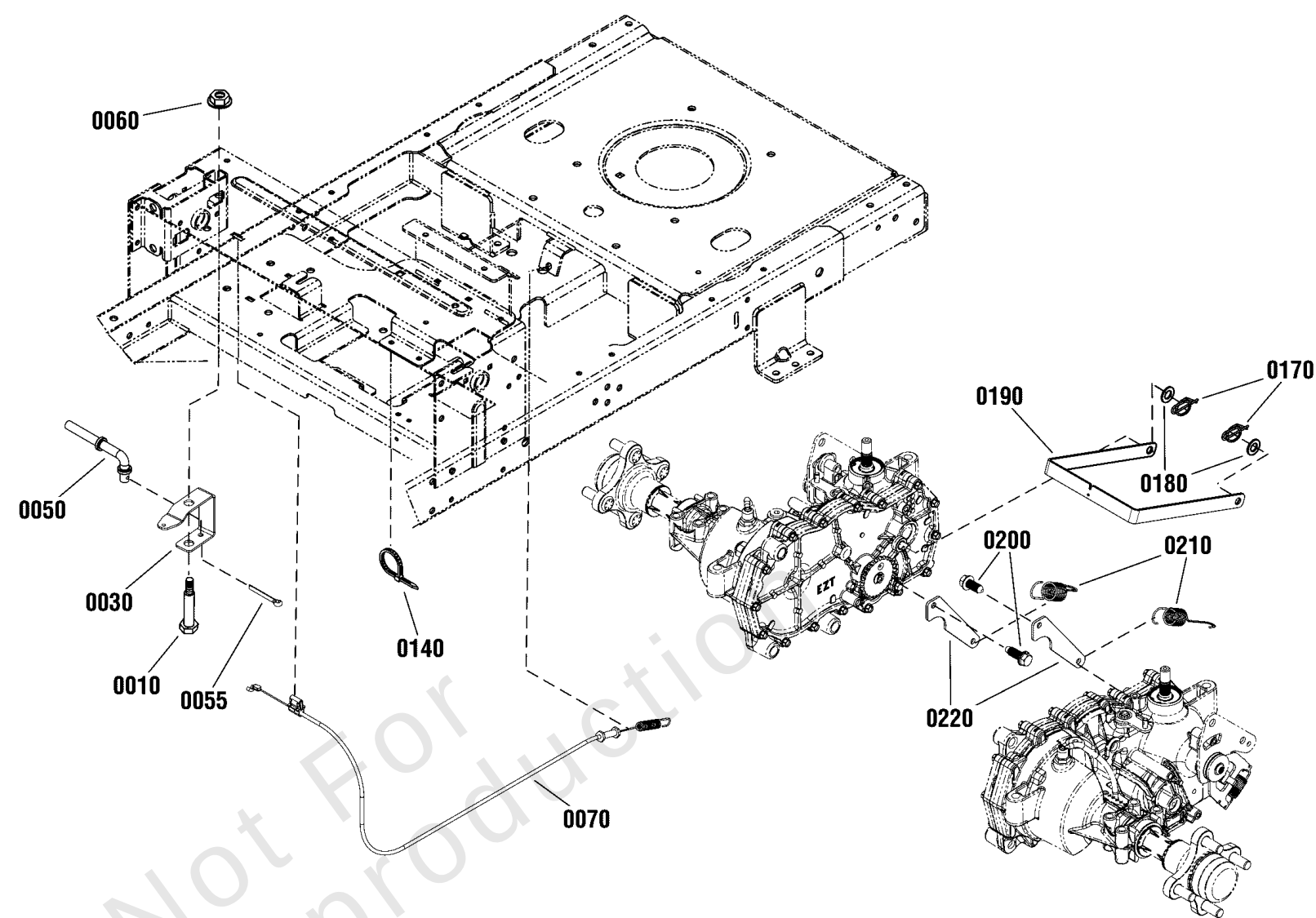
## Lift Group

| REF NO | PART NO     | QTY | DESCRIPTION                          |
|--------|-------------|-----|--------------------------------------|
| 0010   | 1757958AYP  | 1   | SHAFT, Lift                          |
| 0020   | 1720147BZYP | 2   | STRAP                                |
| 0030   | 703949      | 4   | SCREW, Washer Head, 5/16-18 X 5/8    |
| 0040   | 1757953AYP  | 2   | ARM, Lift                            |
| 0050   | 1732426SM   | 2   | BOLT, Shoulder, 5/16-18              |
| 0060   | 703115      | 2   | NUT, Flange Nylock, 5/16-18          |
| 0070   | 1757936YP   | 2   | ROD, Lift                            |
| 0080   | 703158      | 9   | NUT, Hex Flange, 3/8-16              |
| 0085   | 1731894SM   | 2   | TRUNNION                             |
| 0090   | 009X51MA    | 2   | BOLT, Shoulder, 3/8-16               |
| 0100   | 1757955YP   | 1   | PIVOT                                |
| 0110   | 1757954YP   | 1   | ROD, Hitch                           |
| 0120   | 5023174SM   | 1   | CLEVIS, 1/2-20                       |
| 0140   | 403162MA    | 2   | PIN, Hair, 3/32 X 1.6                |
| 0150   | 5025281SM   | 2   | WASHER, 5/8                          |
| 0160   | 1758121YP   | 1   | ROD, Foot Assist                     |
| 0170   | 1758246YP   | 1   | ROD, Transport                       |
| 0175   | 1759817YP   | 1   | GRIP, Foam                           |
| 0180   | 703054      | 2   | SCREW, Hex Washer Head, 1/4-20 x 5/8 |
| 0190   | 5025288YP   | 2   | WASHER, 1/4                          |
| 0200   | 1758283YP   | 1   | SPRING, Extension                    |
| 0220   | 5103021YP   | 1   | PIN, Hitch, 3/8 X 2 1/2              |
| 0230   | 1758232YP   | 1   | PEDAL, Lift                          |
| 0240   | 1756612YP   | 1   | BUSHING                              |
| 0250   | 7900009SM   | 1   | BOLT, Carriage, 3/8-16 X 2 1/4       |
| 0260   | 1758284AYP  | 1   | STOP, Height of Cut                  |
| 0280   | 1960615SM   | 4   | BOLT, Carriage, 3/8-16 X 2 1/2       |
| 0290   | 5100634SM   | 4   | BLOCK                                |

**Parking Brake Group**

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691507-00



### ***Parking Brake Group***

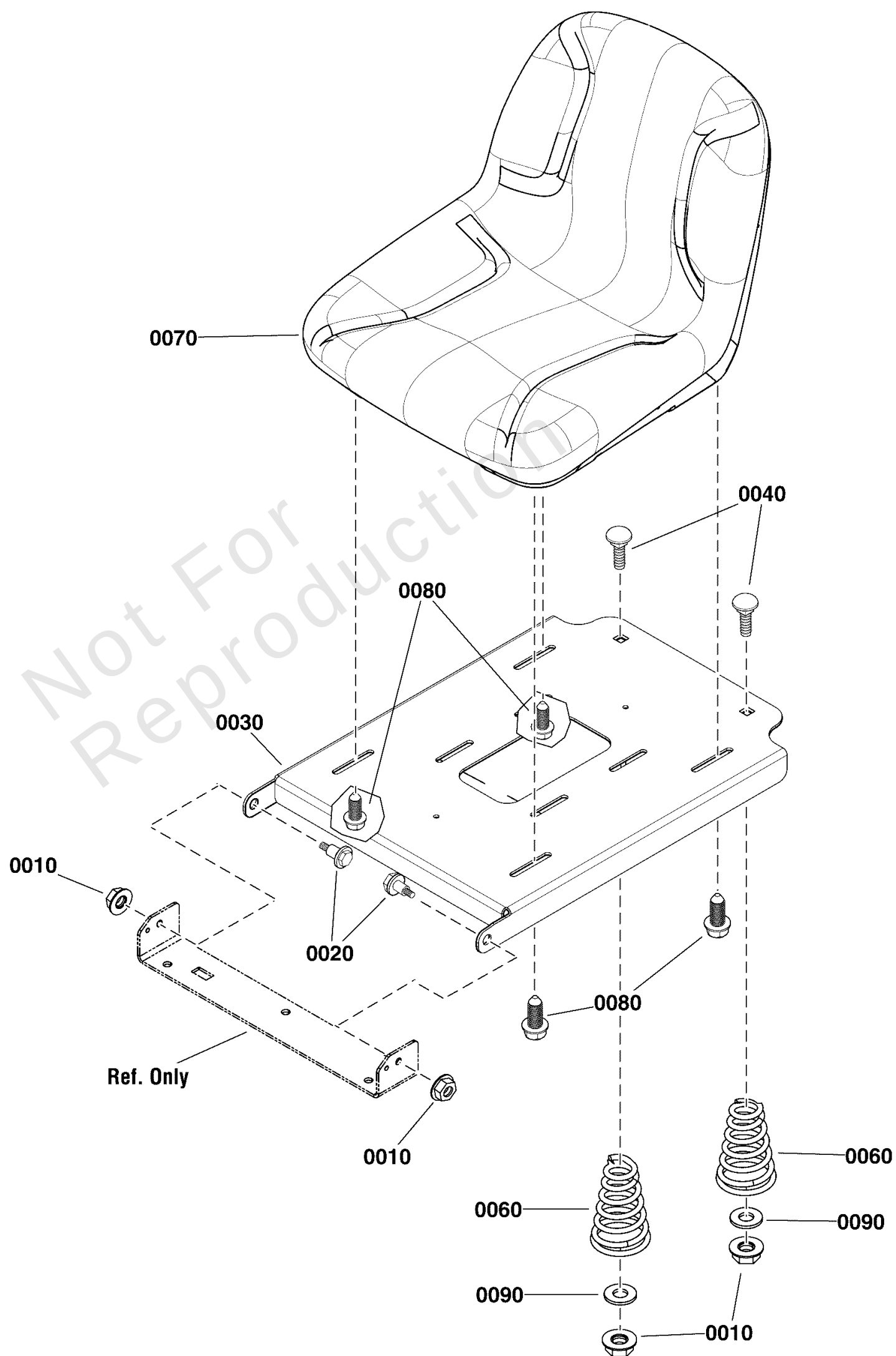
| REF NO | PART NO    | QTY | DESCRIPTION                   |
|--------|------------|-----|-------------------------------|
| 0010   | 1736539YP  | 1   | BOLT, Shoulder, 3/8-16 X 3.41 |
| 0030   | 1758091YP  | 1   | BELLCRANK, Parking Brake      |
| 0050   | 1758088YP  | 1   | ROD, Parking Brake            |
| 0055   | 703312     | 1   | PIN, Cotter, 3/32 X 3/4       |
| 0060   | 703158     | 1   | NUT, Hex Flange, 3/8-16       |
| 0070   | 1759207YP  | 1   | CABLE, Park Brake             |
| 0140   | 703586     | 1   | TIE, Cable                    |
| 0170   | 7091594SM  | 2   | PIN, Cotter, 1/2              |
| 0180   | 703946     | 2   | WASHER, Flat                  |
| 0190   | 1758126AYP | 1   | ARM, Parking Brake            |
| 0200   | 708964     | 2   | SCREW, Taptite, M6 x 1.0-12   |
| 0210   | 1758283YP  | 2   | SPRING, Extension             |
| 0220   | 1759349YP  | 2   | BRACKET, Spring               |

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**Seat Group (2992501)**

Note: Unless noted otherwise, use the standard torque specifications

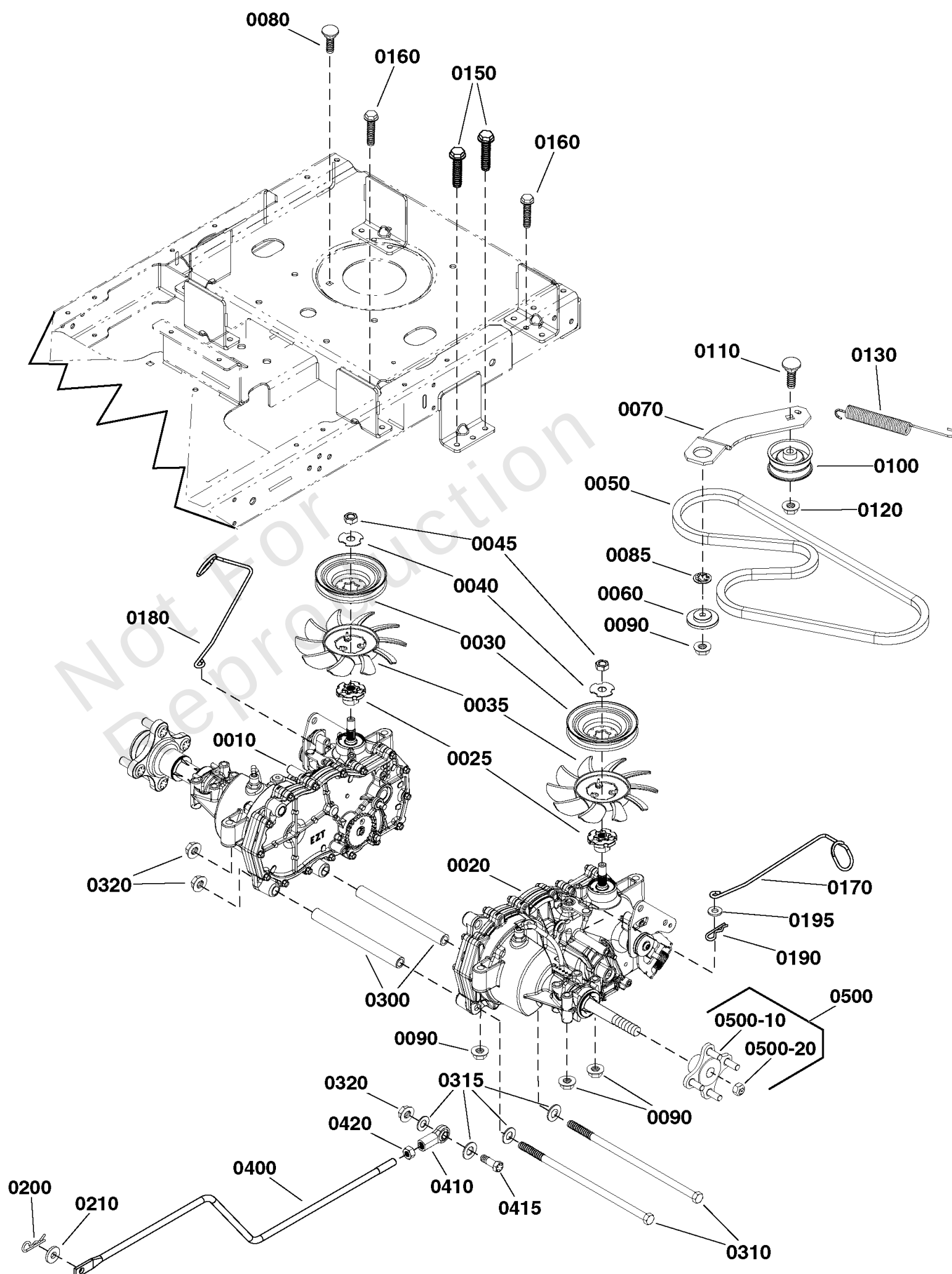
Mfg. No: 2691507-00



### ***Seat Group (2992501)***

| REF NO | PART NO   | QTY | DESCRIPTION                       |
|--------|-----------|-----|-----------------------------------|
| 0010   | 703115    | 4   | NUT, Flange Nylock, 5/16-18       |
| 0020   | 1752802YP | 2   | BOLT, Shoulder, 5/16-18 x 1.03LG  |
| 0030   | 84001618  | 1   | SLIDE, Seat                       |
| 0040   | 703483    | 2   | BOLT, Carriage, 5/16-18 X 1, GR5  |
| 0060   | 1717051SM | 2   | SPRING, Seat                      |
| 0070   | 1759012YP | 1   | KIT, Seat, 15"                    |
| 0080   | 770697    | 4   | SCREW, Hex Flange, 5/16-18 x 1    |
| 0090   | 703591    | 4   | WASHER, Flat, 13/32 x 1 1/2 x 1/8 |

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## Transmission Group

| REF NO  | PART NO    | QTY | DESCRIPTION                                                                     |
|---------|------------|-----|---------------------------------------------------------------------------------|
| 0010    | 1759443YP  | 1   | TRANSMISSION, Hydro Gear, RH<br>-(Refer to Note: *) (Model: (ZD-DUBB-2A7C-2XPX) |
| 0020    | 1759444YP  | 1   | TRANSMISSION, Hydro Gear, LH<br>-(Refer to Note: *) (Model: ZD-AUBB-2A7B-3XPX)  |
| 0025    | 1759450YP  | 2   | SPACER, Transmission                                                            |
| 0030    | 1759447YP  | 2   | PULLEY, Transmission                                                            |
| 0035    | 1759448YP  | 2   | FAN, Input                                                                      |
| 0040    | 5102914YP  | 2   | WASHER, Slotted                                                                 |
| 0045    | 5102916YP  | 2   | NUT, ZT5400                                                                     |
| 0050    | 1758100YP  | 1   | BELT, Transmission                                                              |
| 0060    | 1727935SM  | 1   | SPACER, Pivot                                                                   |
| 0070    | 1758044AYP | 1   | ARM, Idler                                                                      |
| 0080    | 703800     | 1   | BOLT, Carriage, 5/16-18 X 1                                                     |
| 0085    | 703297     | 1   | RETAINER, 5/16 X 5/8                                                            |
| 0090    | 703115     | 9   | NUT, Flange Nylock, 5/16-18                                                     |
| 0100    | 1668477SM  | 1   | PULLEY, Idler, 2.25" OD, .378 ID                                                |
| 0110    | 703879     | 1   | BOLT, Carriage, 3/8-16X1-3/4, GR5                                               |
| 0120    | 5025394SM  | 1   | NUT, Hex Flange, Nylock, 3/8-16                                                 |
| 0130    | 1758045YP  | 1   | SPRING, 7.18"Long, .75" OD, Extension                                           |
| 0150    | 707943     | 4   | SCREW, Washer Head, 5/16-18 X 3                                                 |
| 0160    | 707944     | 4   | SCREW, Washer Head, 5/16-18 X 2 1/4                                             |
| 0170    | 1759245YP  | 1   | ROD, Release, LH                                                                |
| 0180    | 1759246YP  | 1   | ROD, Release, RH                                                                |
| 0190    | 1722460SM  | 2   | PIN, Hair                                                                       |
| 0195    | 703332     | 2   | WASHER, Flat, 1/4                                                               |
| 0200    | 703300     | 2   | PIN, Hair, 3/32 x 1 5/8                                                         |
| 0210    | 704128     | 2   | WASHER, Flat                                                                    |
| 0300    | 1759392YP  | 2   | SPACER, Transmission                                                            |
| 0310    | 707945     | 2   | CAPSCREW, HexHead, 7/16-14 X 11 1/4                                             |
| 0315    | 703183     | 6   | WASHER, 7/16                                                                    |
| 0320    | 1930650SM  | 4   | NUT, Hex Two Way, 7/16-14                                                       |
| 0400    | 1757966YP  | 2   | ROD, Control                                                                    |
| 0410    | 1759799YP  | 2   | ROD, 7/16-20 RH, Female                                                         |
| 0415    | 703579     | 2   | CAPSCREW, Hex Head, 7/16-14 x 1-1/4, GR8                                        |
| 0420    | 7090460SM  | 2   | NUT, 7/16F, GR5, Hex                                                            |
| 0500    | 7600158YP  | 1   | KIT, Hub Replacement<br>-(Includes Ref. 0500-10 & 0500-20)                      |
| 0500-10 | -----      | 1   | HUB, EZT Transmission                                                           |
| 0500-20 | -----      | 1   | NUT, EZT Transmission                                                           |

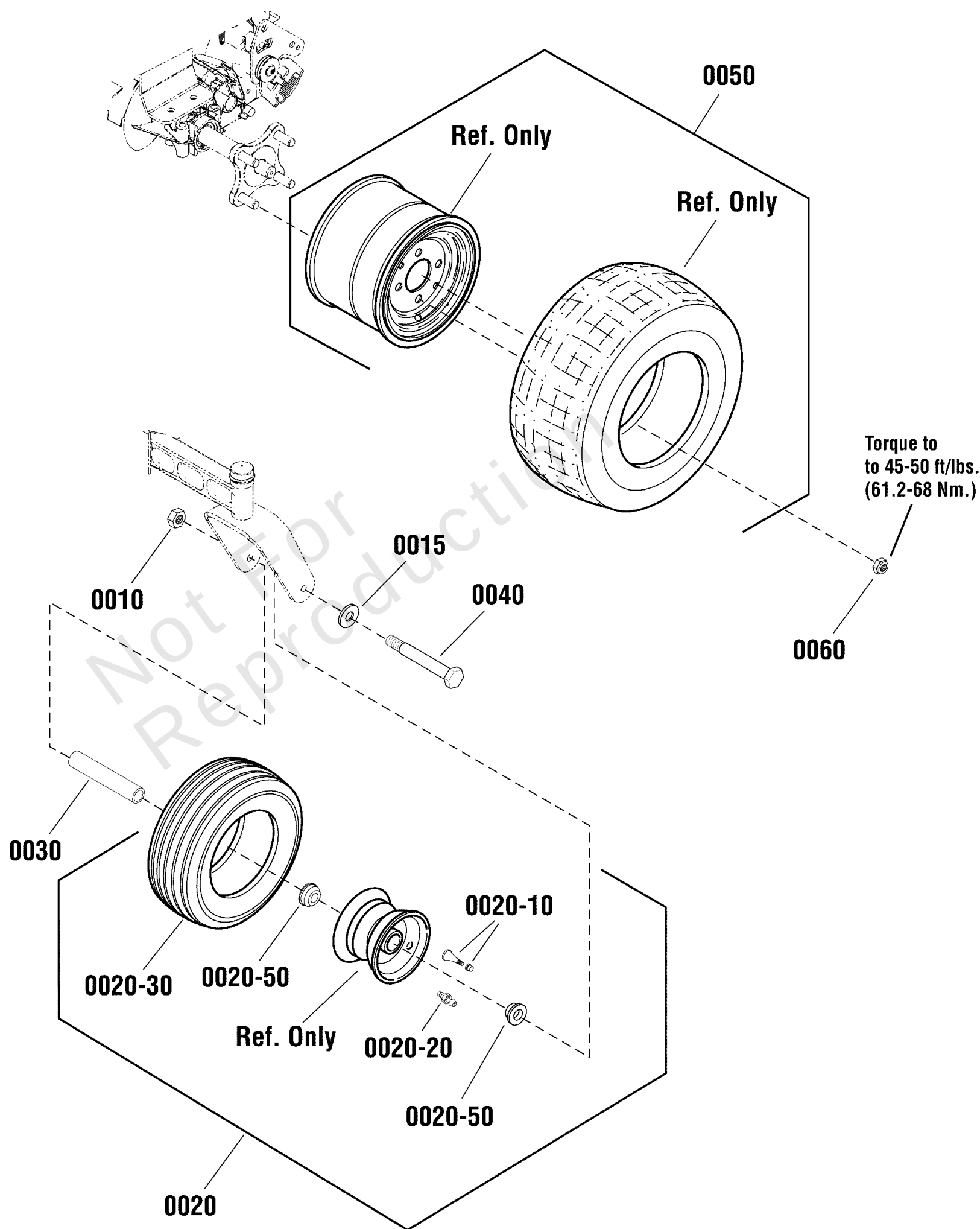
### Footnotes:

Note \*See your local Hydro Gear dealer for parts and service.

Wheel & Tire Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691507-00



## Wheel & Tire Group

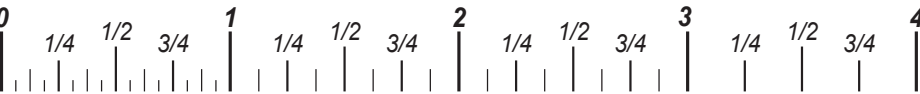
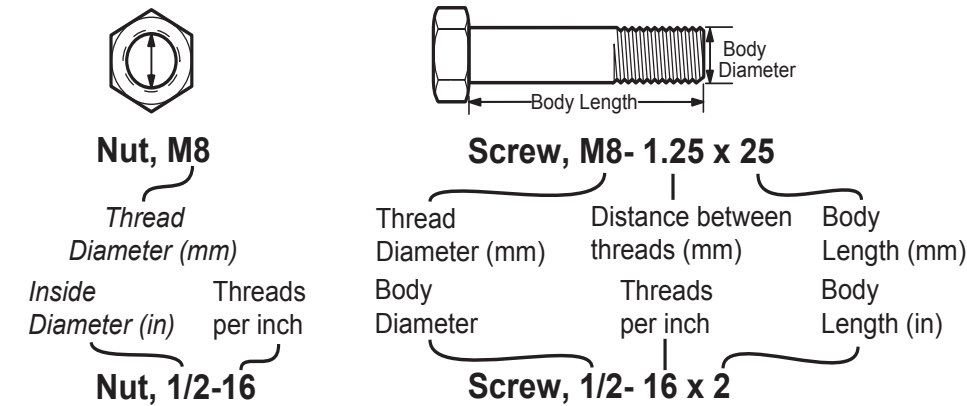
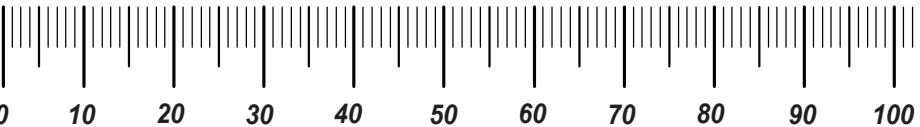
| REF NO  | PART NO   | QTY | DESCRIPTION                                    |
|---------|-----------|-----|------------------------------------------------|
| 0010    | 1930650SM | 2   | NUT, Hex Two Way, 7/16-14                      |
| 0015    | 703183    | 2   | WASHER, 7/16                                   |
| 0020    | 1734013SM | 2   | ASSEMBLY, Wheel & Tire, Front Caster, 11 X 4-5 |
| 0020-10 | 2172353SM | 4   | VALVE STEM & CAP                               |
| 0020-20 | 7104428YP | 2   | ZERK, Grease                                   |
| 0020-30 | 1734875SM | 2   | TIRE, 11 X 4-5                                 |
| 0020-50 | 1739281YP | 4   | BUSHING, 0.632ID, 1.377OD, 0.62 LG             |
| 0030    | 1734841SM | 2   | TUBE, Caster Wheel                             |
| 0040    | 7091772SM | 2   | SCREW, 7/16-14 x 6 Hex Head Cap, GR 5          |
| 0050    | 1758998YP | 2   | ASSEMBLY, Wheel & Tire, 18 X 8.5-8 (K505)      |
| 0050    | 1759161YP | 2   | ASSEMBLY, Wheel & Tire, 20 X 8-8 (K505)        |
| 0050    | 1759585YP | 2   | ASSEMBLY, Wheel Rear, 20 X 10-8                |
| 0060    | 5020601SM | 8   | NUT, Lug, 1/2-20                               |

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# Hardware Identification & Torque Specifications

| Torque Specification Chart                             |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|
| FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%) |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
| Property Class                                         | <br>Class 5.6 |      | <br>Class 8.8 |      | <br>Class 10.9 |      | <br>Class 12.9 |      |
| Size Of Hardware                                       | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                                | Nm.  | in/lbs<br>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).

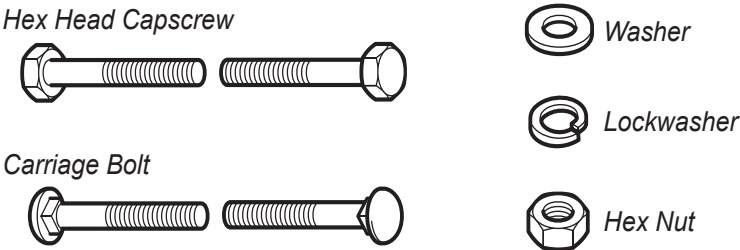
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

| Torque Specification Chart                      |                                                                                                    |       |                                                                                                    |       |                                                                                                    |         |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|---------|
| FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%) |                                                                                                    |       |                                                                                                    |       |                                                                                                    |         |
| Hardware Grade                                  | <br>SAE Grade 2 |       | <br>SAE Grade 5 |       | <br>SAE Grade 8 |         |
| Size Of Hardware                                | in/lbs<br>ft/lbs                                                                                   | Nm.   | in/lbs<br>ft/lbs                                                                                   | Nm.   | in/lbs<br>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

- 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

|                                                                                                                           |                                                                                                                           |                                                                                                                           |                                                                                                                                                         |                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <br>1/4" Bolt or Nut<br>Wrench—7/16" | <br>5/16" Bolt or Nut<br>Wrench—1/2" | <br>3/8" Bolt or Nut<br>Wrench—9/16" | <br>7/16" Bolt or Nut<br>Wrench (Bolt)—5/8"<br>Wrench (Nut)—11/16" | <br>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                                                                                           |

