



Parts Manual

Mfg. No: 2691411-02

Courier, SZT350, 724cc B&S Rider w/52"
(132cm) Mower Deck EU



1696384YP - Grass Mulcher Kit, 52" Fabricated Mower Deck.	
1687855YP - Rhino Grip.	
1687856YP - Rhino Grip, Ratcheting.	
1696908 - Grass Mulcher Kit w/Eliminator, 52" Fabricated Mower Deck.	
1696673-01 - Twin Grass Catcher & Front Weight.	
1696673A-00 - Twin Grass Catcher & Front Weight.	
1696768A-00 - Turbo, 52" Fabricated Mower Deck, ZTR.	

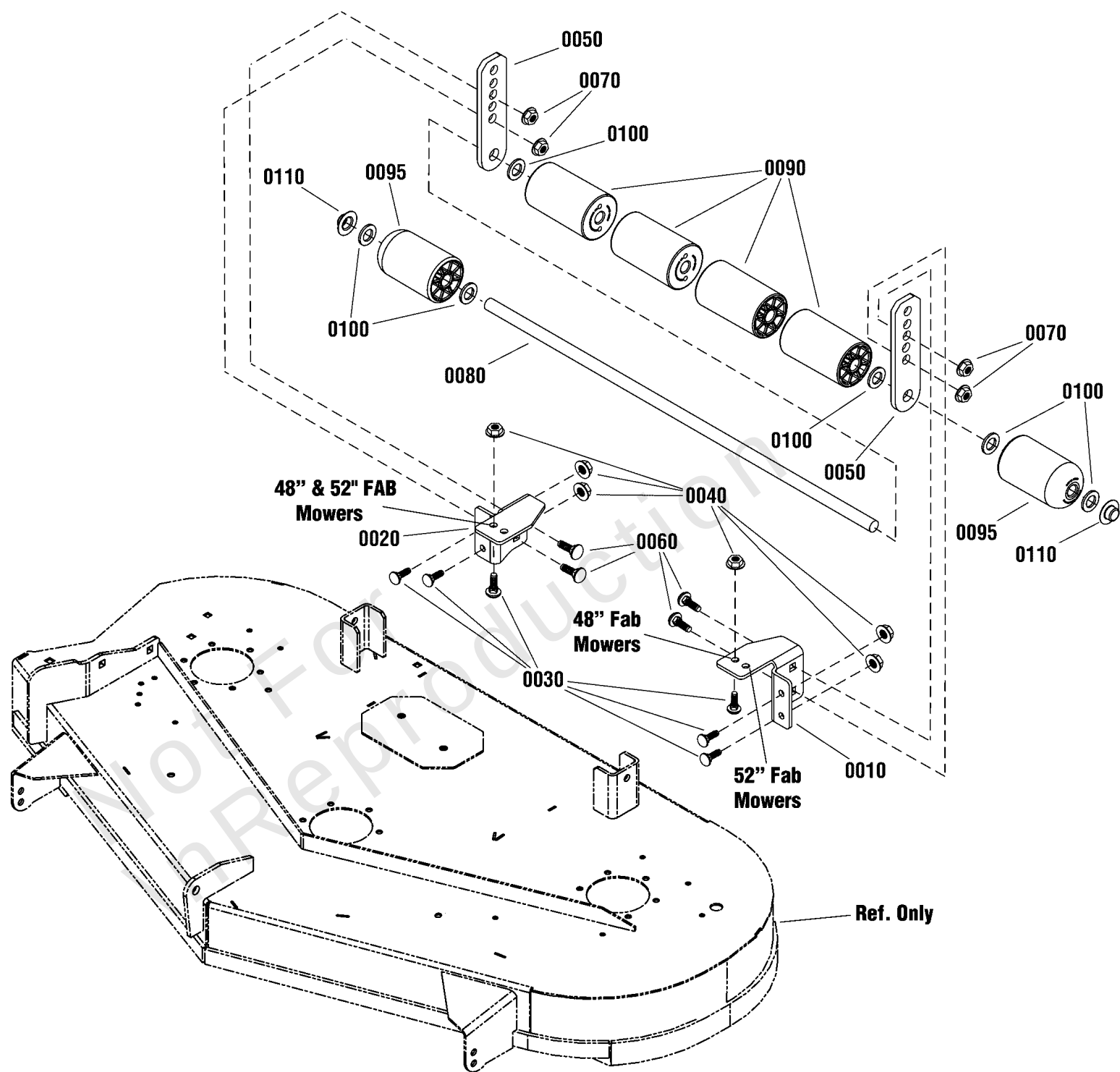
Not For
InReproduction

Model Components	Page
48" & 52" Mower Deck - Roller Group.....	4
52" HOZ Guarding Group.....	6
52" Mower Deck - Clutch & Support Group.....	8
52" Mower Deck - Housing, Arbors & Blade Group.....	10
Body & Fuel Tank Group.....	12
Cargo Box Group - ZT - No Cargo Bed.....	14
Controls Group.....	16
Decals Group.....	18
Electrical Group w/Hourmeter.....	20
Engine Group.....	22
Evap Group.....	24
Frame Group.....	26
Lift Group.....	28
Parking Brake Group.....	30
Rear Suspension Group.....	32
Seat Group.....	34
Transaxle SERVICE Parts - Hydro-Gear ZT2800.....	36
Transmission Group.....	38
Wheel & Tire Group.....	40
Torque Specification Chart.....	42

48" & 52" Mower Deck - Roller Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



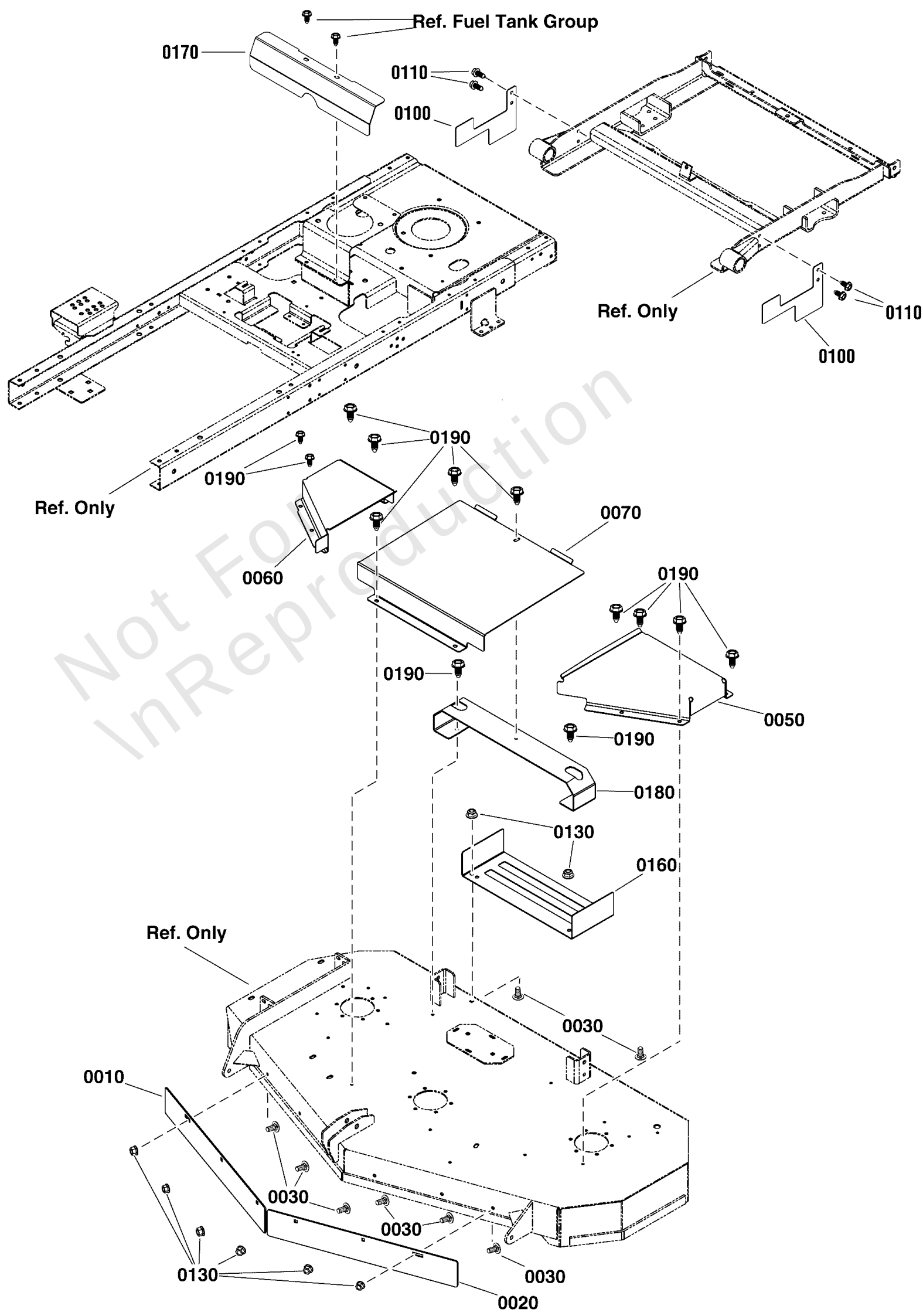
48" & 52" Mower Deck - Roller Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1758457AYP	1	MOUNT, Roller Bar, LH
0020	1758458AYP	1	MOUNT, Roller Bar, RH
0030	703185	6	BOLT, Carriage, 5/16-18 X 3/4
0040	703115	6	NUT, Flange Nylock, 5/16-18
0050	1758461AYP	2	BAR, Roller
0060	703815	4	BOLT, Carriage, 3/8-16 X 1, GR5
0070	703158	4	NUT, Hex Flange, 3/8-16
0080	1758473YP	1	SHAFT, Roller
0090	1668513SM	4	ROLLER, .652 ID, 2.50 OD, 4.10 LG
0095	1722036SM	2	ROLLER, Rounded, 4.1 LG, 650 ID, 2.50 OD Rounded End
0100	703580	6	WASHER, 5/8
0110	1960520SM	2	NUT, Push, 5/8

52" HOZ Guarding Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



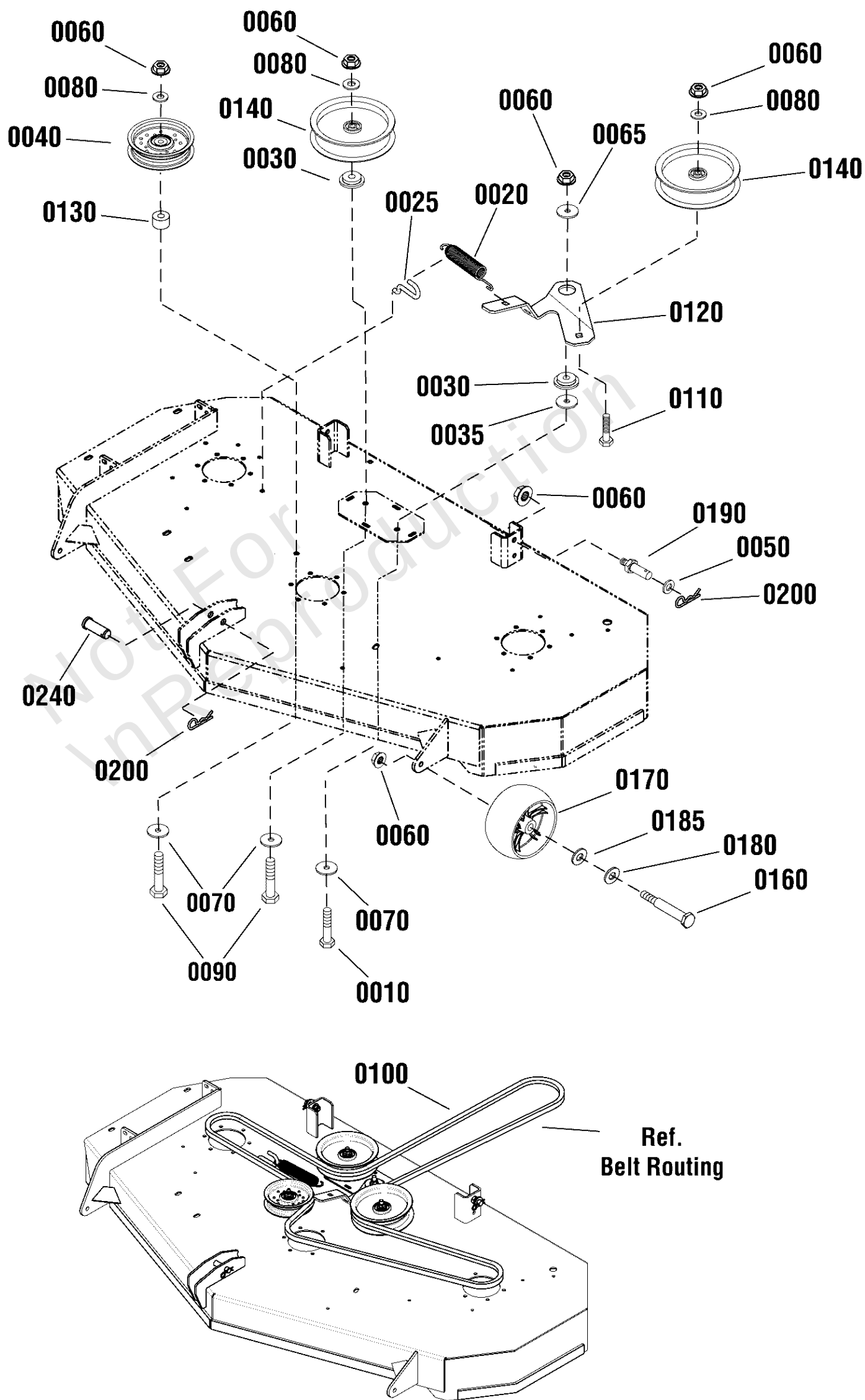
52" HOZ Guarding Group

REF NO	PART NO	QTY	DESCRIPTION
0010	705981	1	BAFFLE, Blowout, RH
0020	705980	1	BAFFLE, Blowout, LH
0030	703185	8	BOLT, Carriage, 5/16-18 X 3/4
0050	1760708AYP	1	COVER, Arbor, LH
0060	1760709AYP	1	COVER, Arbor, RH
0070	1760710AYP	1	COVER, Top Arbor
0100	1760087AYP	2	COVER, Side Suspension, 48"
0110	703949	4	SCREW, 5/16-18 X .625, Hex Washer Head, Thread Roll, Zinc/Clear
0130	703115	8	NUT, Flange Nylock, 5/16-18
0160	1760915AYP	1	COVER, Belt, Rear
0170	1760154AYP	1	COVER, Bystander Pulley
0180	1760798AYP	1	SUPPORT, Cover
0190	703228	13	SCREW, Washer Head Taptite, 5/16-18 X 3/4

52" Mower Deck - Clutch & Support Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



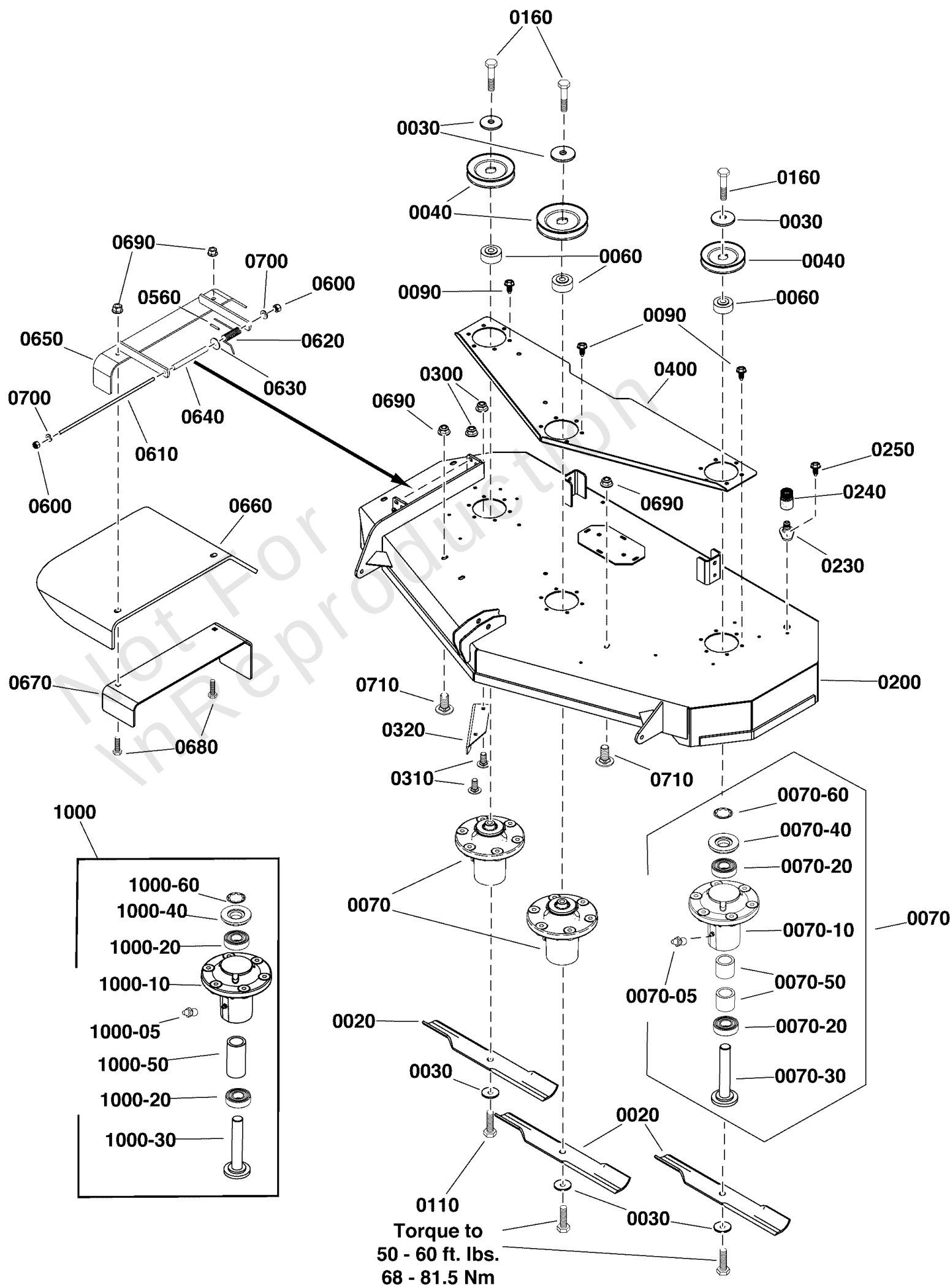
52" Mower Deck - Clutch & Support Group

REF NO	PART NO	QTY	DESCRIPTION
0010	703589	1	CAPSCREW, Hex Head, 3/8-16 X 2, GR5
0020	1715435SM	1	SPRING, Extension
0025	1758170YP	1	ANCHOR, Spring
0030	706128	2	SPACER, Idler
0035	1960071SM	1	WASHER, 3/8
0040	1757823YP	1	PULLEY, Idler, Backside
0050	703853	2	WASHER, 1/2
0060	5025394SM	8	NUT, Hex Flange, Nylock, 3/8-16
0065	5025305SM	1	WASHER, .41 X 1.75 X .14
0070	703591	3	WASHER, Flat, 13/32 x 1 1/2 x 1/8
0080	703878	3	WASHER, Flat, 13/32 x 7/8 x .083
0090	5025013X22SM	2	CAPSCREW, Hex Head, 3/8-16 X 2-3/4
0100	1757901YP	1	V-BELT, HA
0110	7900009SM	1	BOLT, Carriage, 3/8-16 X 2 1/4
0120	1760882AYP	1	ARM, Idler
0130	5046860SM	1	SPACER, .39 X 1.00 X .50, PM, CZ
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	703300	3	PIN, Hair, 3/32 x 1 5/8
0240	1722819SM	1	PIN, Flat Head, .496 x 2.12

52" Mower Deck - Housing, Arbors & Blade Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



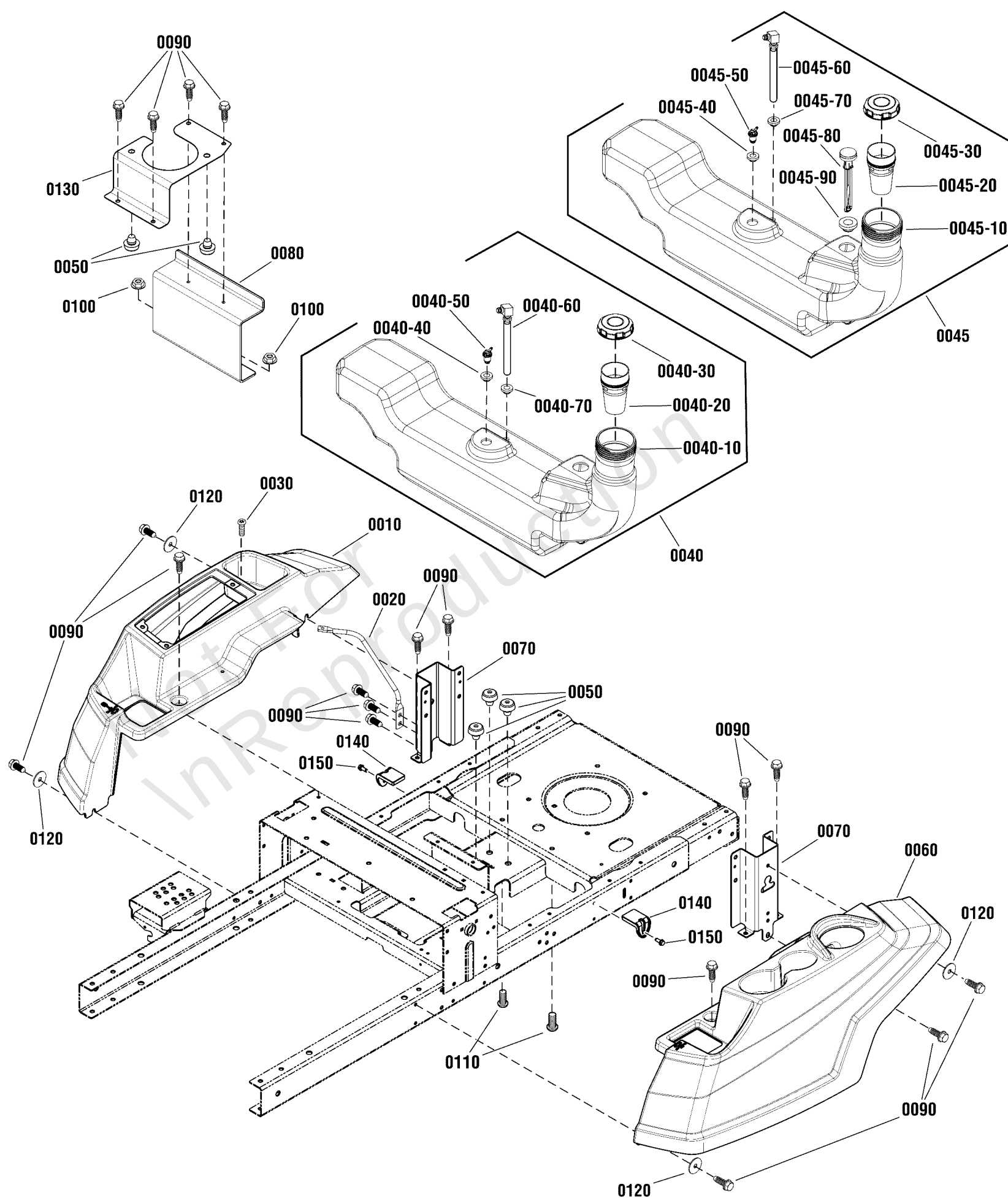
52" Mower Deck - Housing, Arbors & Blade Group

REF NO	PART NO	QTY	DESCRIPTION
0020	1756152AYP	3	BLADE, 18", .63 Hole, .98 Lift
0030	1656916SM	6	WASHER, Spring
0040	1732951SM	3	PULLEY, .68" Deep-Groove OD 4.6"
0060	706362	3	SPACER, Pulley
0070	1761014YP	3	ARBOR ASSEMBLY -(Replaced by Ref. Nos. 1000, this arbor assembly is an exact replacement)
0070-05	1704314SM	1	FITTING, Lube, 1/4
0070-10	1760371YP	1	HOUSING, w/Lube Fitting
0070-20	1735399YP	2	BEARING, Ball, 20mm
0070-30	1760278YP	1	SHAFT, Spindle -(Replaced by Ref. Nos. 1000-30, this spindle shaft is an exact replacement)
0070-40	1735323YP	1	SHIELD, Arbor
0070-50	1735328YP	2	SPACER, Bearing -(Replaced by Ref. Nos. 1000-50, this spacer is an exact replacement)
0070-60	1960766YP	1	RING, Self Locking
1000	84003174	3	ARBOR ASSEMBLY
1000-05	1704314SM	1	FITTING, Lube, 1/4
1000-10	84003653	1	HOUSING, w/Lube Fitting
1000-20	1735399YP	2	BEARING, Ball, 20mm
1000-30	84003170	1	SHAFT, Spindle
1000-40	84003166	1	SHIELD, Arbor
1000-50	84003167	1	SPACER, Bearing
1000-60	1960766YP	1	RING, Self Locking
0090	704146	18	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1
0110	1920676SM	3	CAPSCREW, Hex Head, 7/16-14 X 1
0160	1921212SM	3	CAPSCREW, Hex Head, 7/16-14 X 1 1/2
0200	1687924YP	1	HOUSING, Mower Deck w/Decals, 52" Fab
0230	1756247YP	1	ADAPTER, Washout Port
0240	1756246YP	1	CONNECTOR, Washout Port
0250	703228	1	SCREW, Washer Head Taptite, 5/16-18 X 3/4
0300	703115	2	NUT, Flange Nylock, 5/16-18
0310	703185	2	BOLT, Carriage, 5/16-18 X 3/4
0320	5405557AYP	1	PLATE, Deflector, 52" Deck - Blk
0400	1760973AYP	1	PLATE, Deck Top, 52" ZT - Black
0560	5023489SM	1	CAP, Protector
0600	5025045SM	2	NUT, Hex Lock, Nylon, 5/16-24
0610	5042555SM	1	ROD, 5/16 x 13-3/4
0620	5023385SM	1	SPRING, Torsion
0630	5025164SM	1	WASHER, Fender, 5/16
0640	5050086X8SM	1	TUBE, 8"
0650	1760936AYP	1	BRACE, Discharge Chute
0660	5413498YP	1	CHUTE, Discharge
0670	1760930AYP	1	SUPPORT, Discharge Chute
0680	703406	2	CAPSCREW, Hex Head, 3/8-16 X 1 1/2, GR5
0690	5025394SM	4	NUT, Hex Flange, Nylock, 3/8-16
0700	703302	2	WASHER, Flat, 5/16
0710	703448	2	BOLT, Carriage, 3/8-16 X 3/4, GR5

Body & Fuel Tank Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



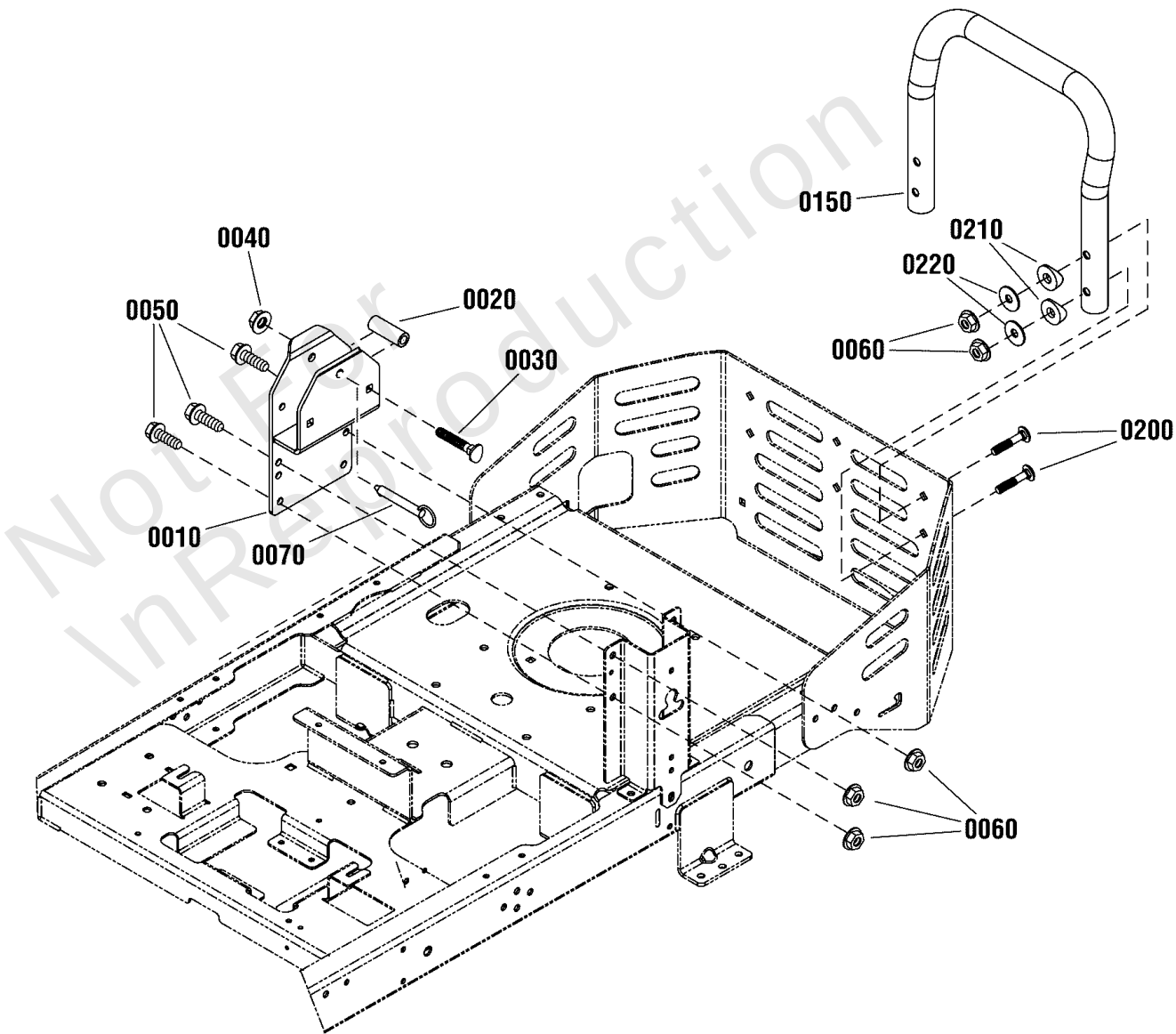
Body & Fuel Tank Group

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 -(Includes item Nos. 0040-10 thru 0040-70)
0040-10	-----	1	TANK, Fuel -(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 -(Order item 0045)
0045-20	1758282YP	1	NECK, Fuel Filter -(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	84004692	1	GROMMET
0050	197546GS	5	MOUNT, Vibration
0060	1758076YP	1	FENDER, LH
0070	1758239AYP	2	SUPPORT, Rear Fender
0080	84002196	1	BRACKET, Seat Spring
0090	703228	18	SCREW, Washer Head Taptite, 5/16-18 X 3/4
0100	703158	2	NUT, Hex Flange, 3/8-16
0110	704038	2	SCREW, Hex Flange, Whiz Lock, 3/8-16 x 1
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 - ZT - No Cargo Bed

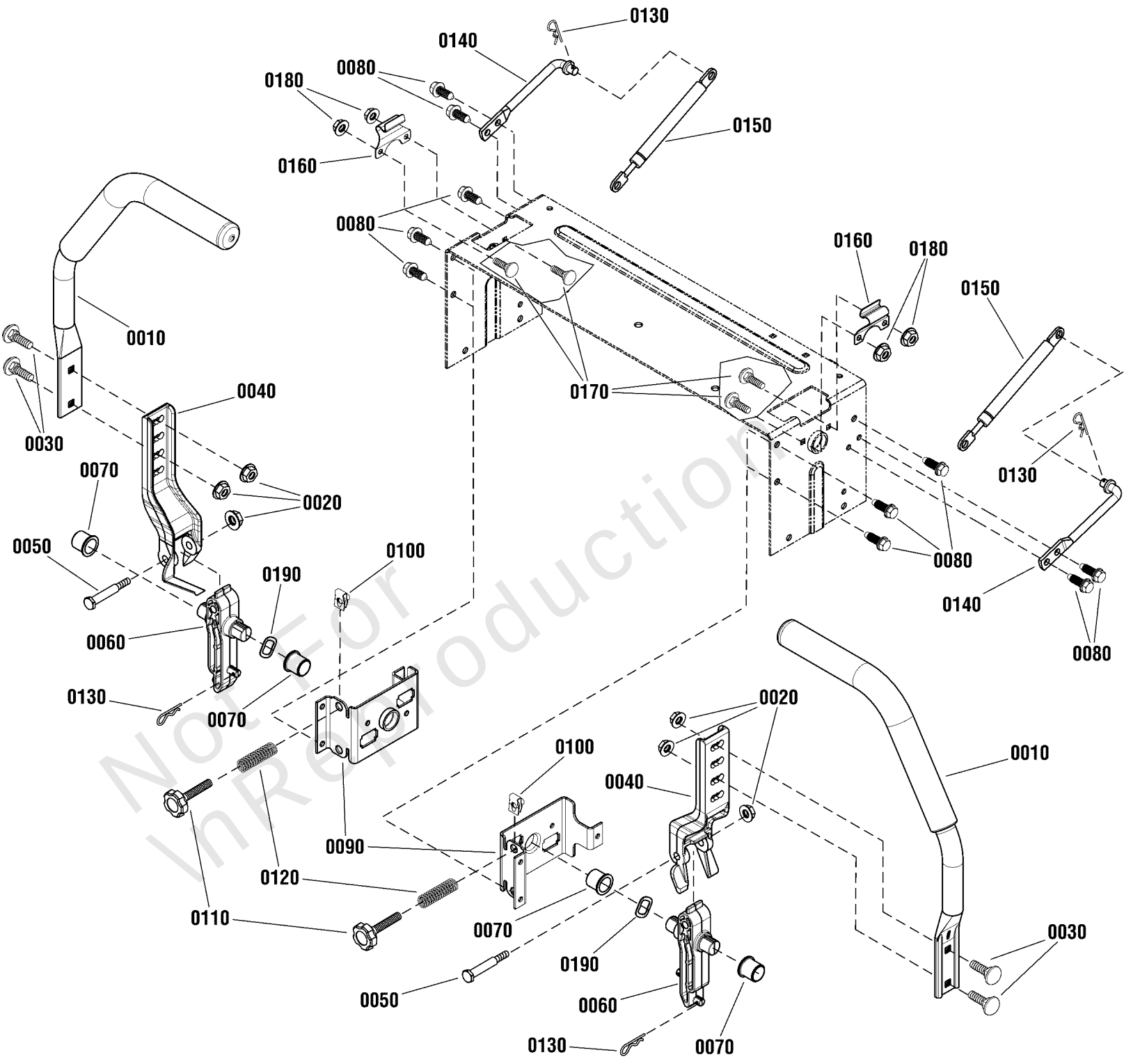
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



Cargo Box Group - ZT - No Cargo Bed

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, Round Head, 5/16 X 2 1/4
0040	704067	2	NUT, Hex Flange, 5/16-18
0050	703354	4	SCREW, Flange, Whiz-Lock, 5/16-18 X 3/4
0060	703115	8	NUT, Flange Nylock, 5/16-18
0070	5103021YP	2	PIN, Hitch, 3/8 X 2 1/2
0150	1759315AYP	1	TUBE, Support
0200	704035	4	BOLT, Carriage, 5/16-18 X 2
0210	1759361YP	4	SADDLE, Tube, 1.25 O.D.
0220	1960044SM	4	WASHER, Flat, 5/16



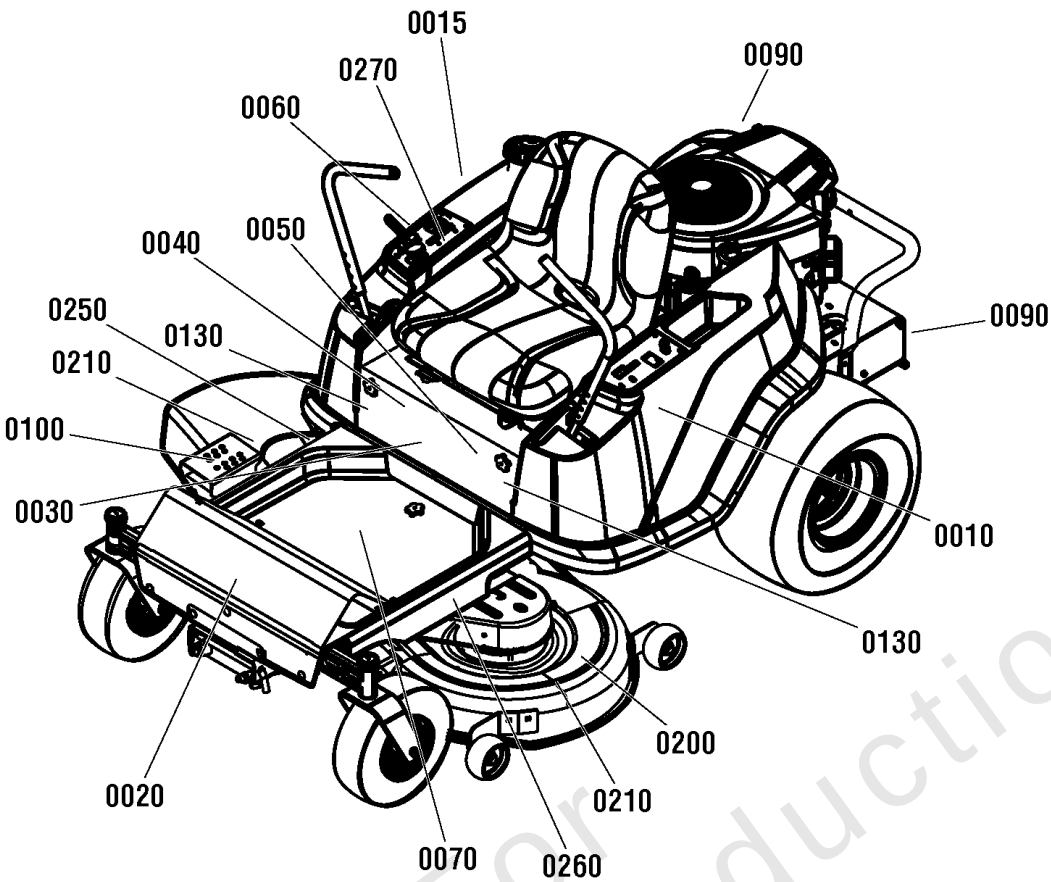
Controls Group

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	5025211SM	4	PIN, Hair
0140	1758463YP	2	ROD, Dampener Mount
0150	1758152YP	2	DAMPENER, Control
0160	1759182YP	2	LATCH, Control Arm
0170	1960252SM	4	BOLT, Carriage, 1/4-20 x 5/8
0180	703463	4	NUT, Flange Nylock , 1/4-20
0190	707625	2	WASHER, Wave, 3/4

Decals Group

Note: Unless noted otherwise, use the standard torque specifications

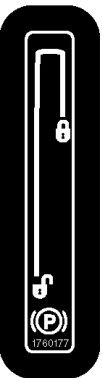
Mfg. No: 2691411-02



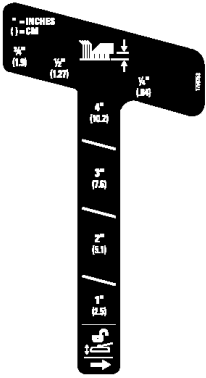
0050



0060



0270



0100



0040



0210



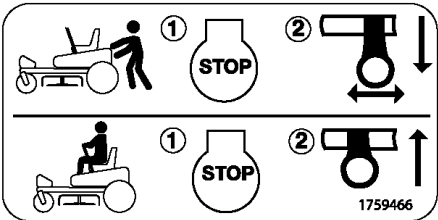
0200



0250



0260



0090



0130



0030



0015



0020



0010



0070

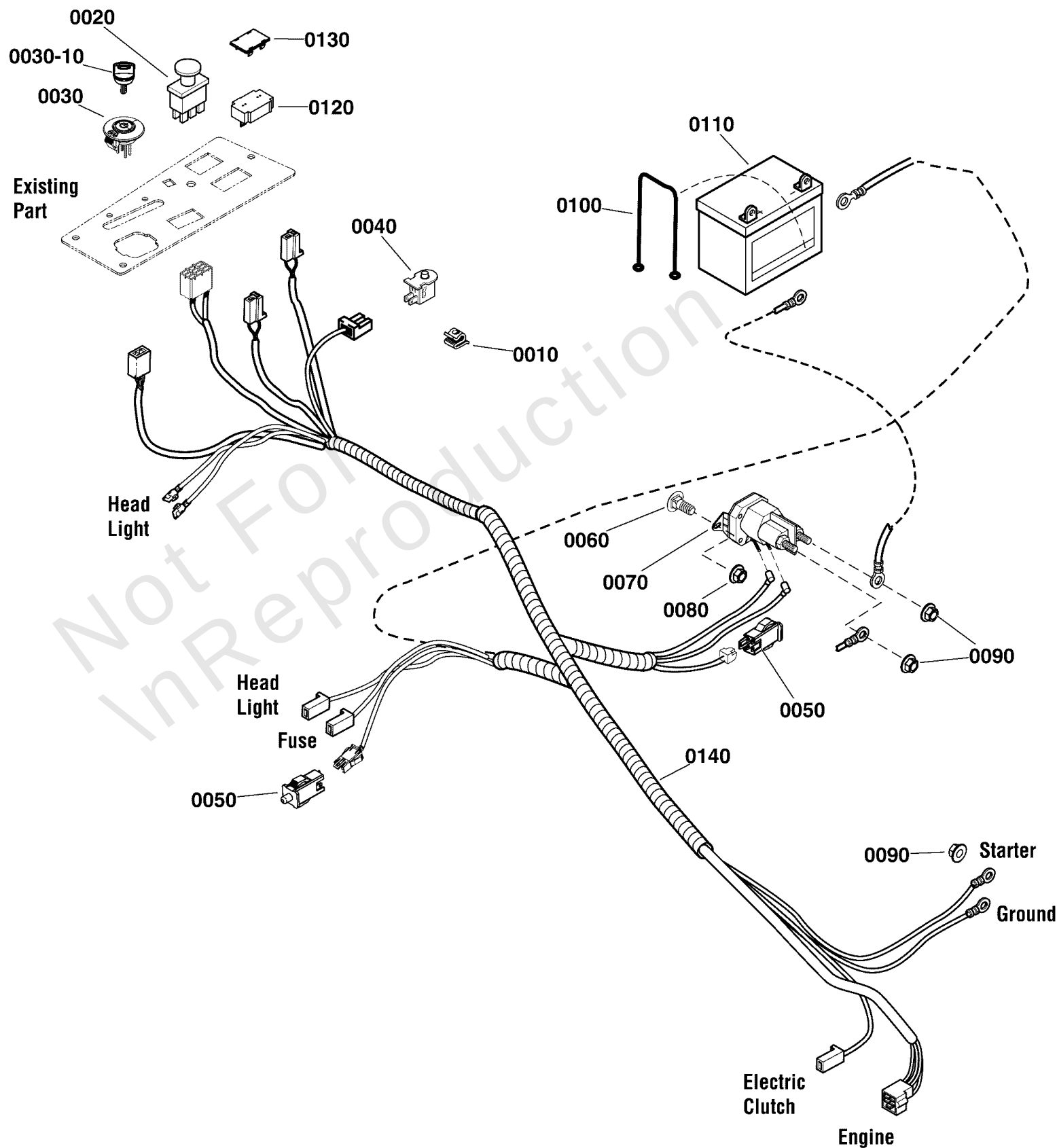
Decals Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1760168YP	1	DECAL, Simplicity Logo, LH Fender, 15.7" x 3.7"
0015	1760169YP	1	DECAL, Simplicity Logo, RH Fender, 15.7" x 3.7"
0020	1757673YP	1	DECAL, Simplicity Logo, 10.47"
0030	1760679YP	1	DECAL, SMI, SZT350
0040	1759636YP	1	DECAL, Courier Model
0050	1759052YP	1	DECAL, Suspension
0060	7105868YP	1	DECAL, Engine Speed - No Choke
0070	1759648YP	1	DECAL, Main Safety - ZT (CE)
0090	1759466YP	2	DECAL, Tow Valve Release (Susp)
0100	1759253YP	1	DECAL, Height of Cut
0130	1759724YP	2	DECAL, Tracking Adjustment - ZT
0200	1755721YP	1	DECAL, Mower Width 52IN/132CM
0210	706111	2	DECAL, Discharge Safety
0250	709953	2	DECAL, EAC Compliance
0260	706112	2	LABEL, Solely For Export - Exempt US Emissions
0270	1760177YP	1	DECAL, Park Brake

Electrical Group w/Hourmeter

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



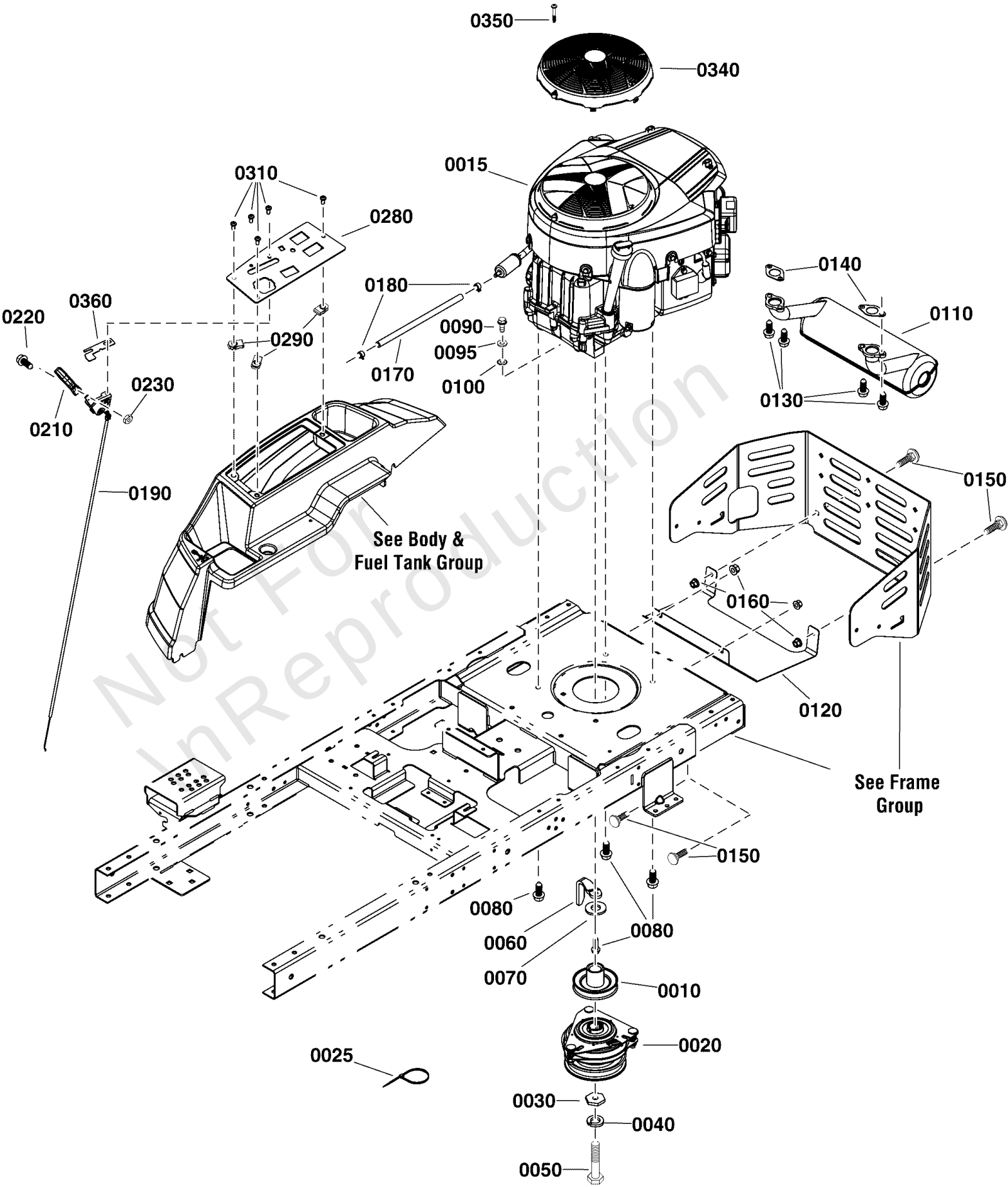
Electrical Group w/Hourmeter

REF NO	PART NO	QTY	DESCRIPTION
0010	2172434SM	1	CLIP, Wire, .390 Dia.
0020	1722887SM	1	SWITCH, PTO, Push/Pull
0030	7106169YP	1	SWITCH, Ignition, Delta (3 Postition)
0030-10	7106172YP	1	KEY, Ignition Switch - Pack of 2, CE/CAN
0030-10	7106170YP	1	KEY, Ignition Switch, Pack of 2, NA/AU
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, Flange Nylock , 1/4-20
0090	703061	3	NUT, 1/4-20, Keps, Conical Washer
0100	1722009SM	1	STRAP, Rubber, 13"
0110	7060618YP	1	BATTERY, 12 Volt, 230 CCA
0120	1731185SM	1	HOUR METER, Digital, No Alarms
0130	1722611SM	1	PLUG, Hole, .85 X 1.73
0140	84002334	1	HARNESS, Main

Engine Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



Engine Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1757995YP	1	PULLEY ASSEMBLY
0015	44U877-0003-B1	1	* ENGINE, 8270 Pro Series Twin
0015	44U877-0003-B5	1	* ENGINE, B&S 8270 Professional Series
0020	1736105SM	1	CLUTCH, Ogura
0025	703586	1	TIE, Cable
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	4	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	791766	1	LINE, Fuel -(Low Perm, Cut to 11.25")
0180	691038	2	CLAMP, Hose
0190	1759205YP	1	CONTROL, Throttle
0210	1739312YP	1	KNOB, Throttle
0220	797483	1	SCREW
0230	703460	1	NUT
0280	1760041AYP	1	PANEL, Control
0280	1759429AYP	1	PANEL, Control
0290	705876	3	NUT, Speed, 1/4-20
0310	703953	5	SCREW, Torx Pan Head Self-Tapping, 1/4-20 X 5/8,
0340	797420YP	1	GUARD, Debris Screen
0350	799359	1	SCREW
0360	1760887YP	1	THROTTLE STOP

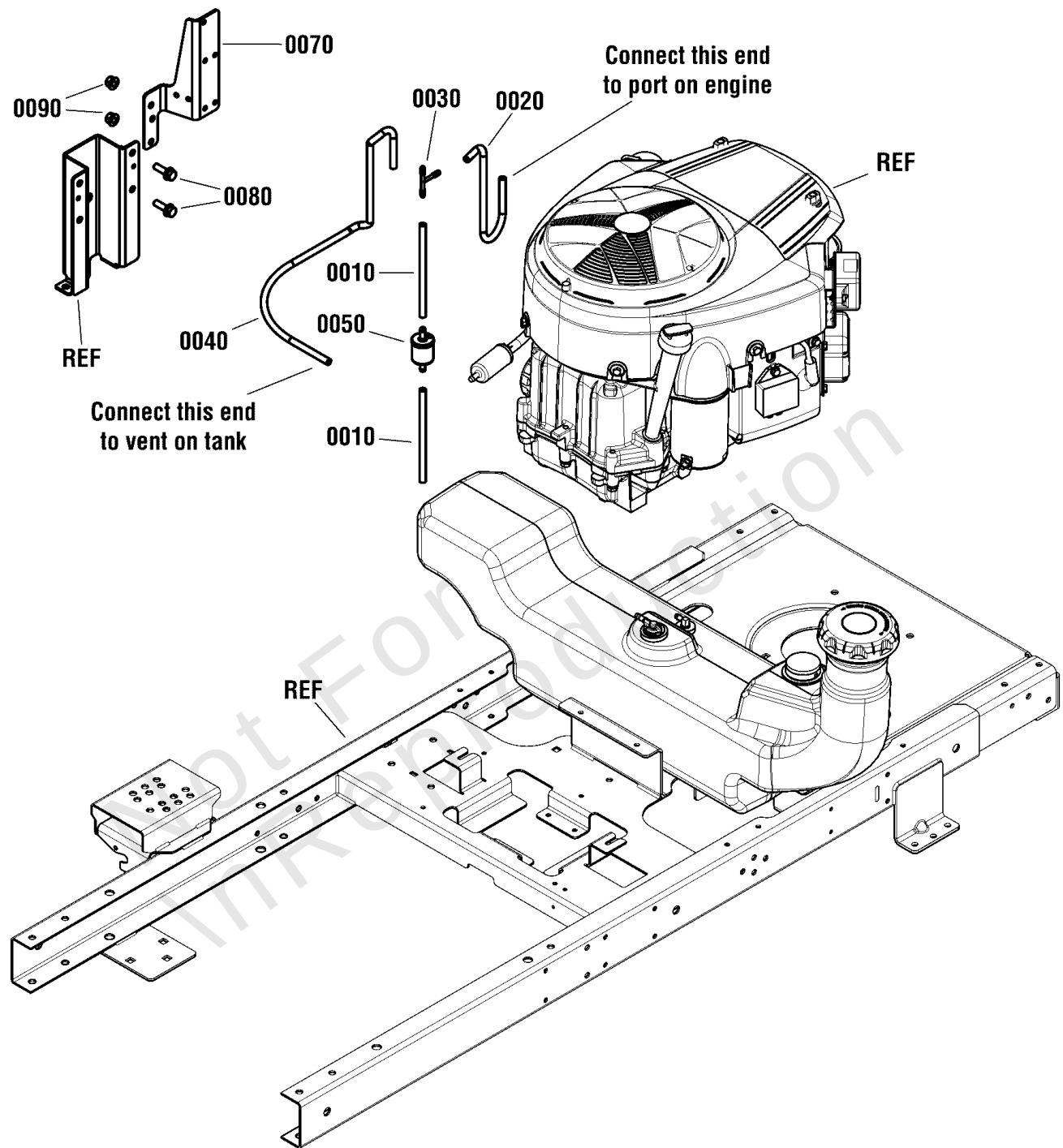
Footnotes:

NOTE: * Purchase engine parts from engine manufacturer dealer.

Evap Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



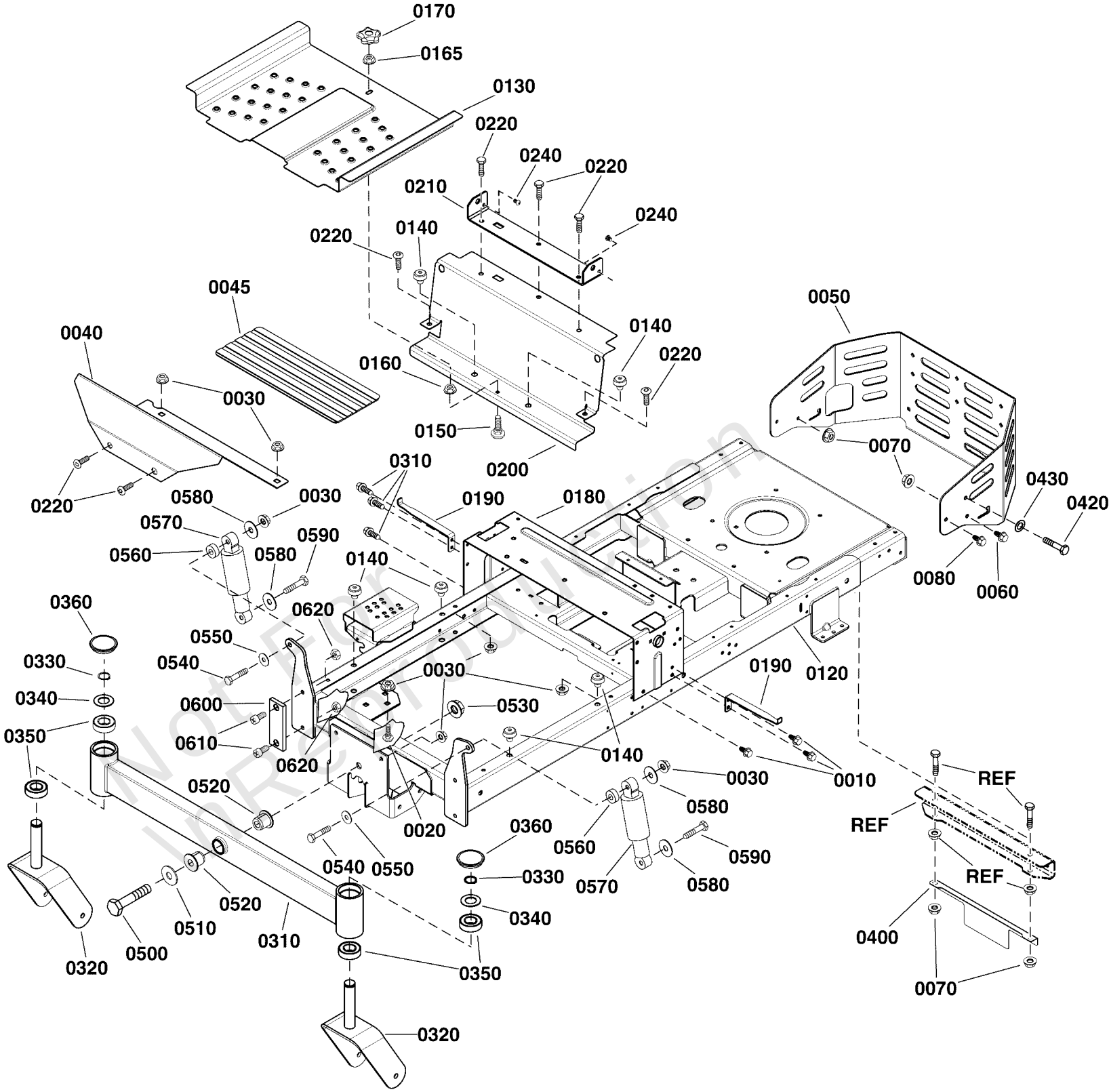
Evap Group

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
0050	84001895	1	FILTER, Fuel
0060	5021030SM	5	TIE, 6" Self-Locking
0070	1760538AYP	1	BRACKET, Vent Hose Mount - BS Twin (BLK)
0080	703410	2	BOLT, Serrated Flange, 5/16-18 X 1.0
0090	703115	2	NUT, Flange Nylock, 5/16-18

Frame Group

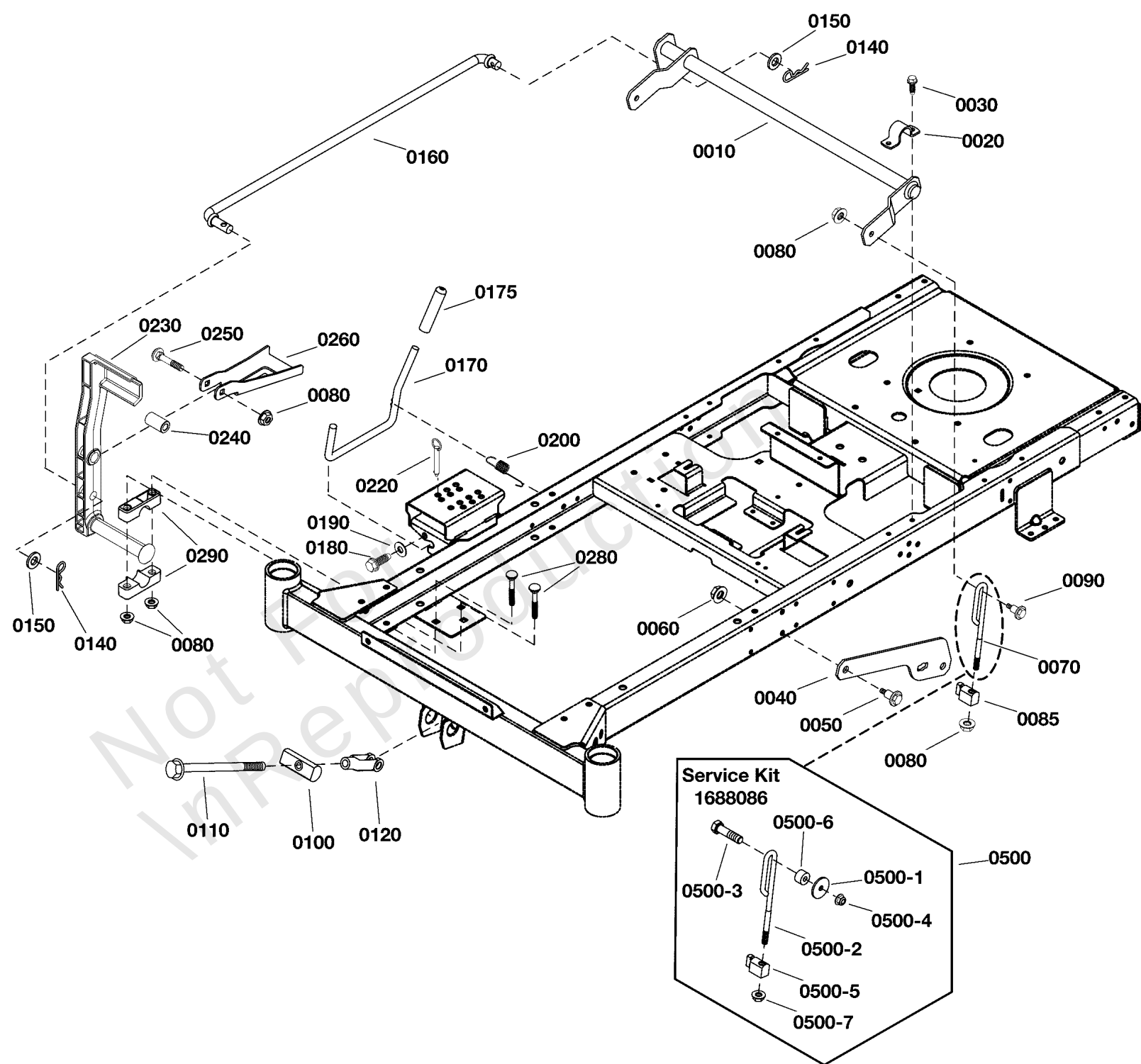
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



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	13	NUT, Hex Flange, Nylock, 3/8-16
0040	1759278CYP	1	FOOTREST, Pivoting Axle
0045	5101374YP	1	SAFETY WALK
0050	1759970CYP	1	BUMPER, Rear
0060	703410	2	BOLT, Serrated Flange, 5/16-18 X 1.0
0070	703115	6	NUT, Flange Nylock, 5/16-18
0080	703228	2	SCREW, Washer Head Taptite, 5/16-18 X 3/4
0120	-----	1	FRAME, Full Suspension -(Not a serviceable part)
0130	1757813CYP	2	PAN, Foot
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	15X143MA	1	NUT, Center Lock, 1/4-20
0170	707785	1	KNOB, 5 Prong
0180	1758010CYP	1	BRACKET, Control
0190	1758240AYP	2	BRACKET, Fender
0200	1757796CYP	1	BRACKET, Brand Plate
0210	1760193CYP	1	BRACKET, Seat
0220	707790	7	SCREW, Button Head, 3/8-16 X .88
0240	770013	2	SCREW, 8-32 X .50 LG, Hex Head Cap
0310	1761505CYP	1	AXLE, Front, Pivoting
0320	1761504CYP	2	CASTER, Front
0330	703993	2	RETAINER, Ring
0340	703199	2	WASHER, Flat
0350	1758354YP	4	BEARING, 25 MM
0360	5105524	2	CAP, Caster
0400	1760067CYP	1	GUARD, Transmission, Suspension
0420	5025055X18YP	2	BOLT, 5/16-18 X 2-1/4
0430	703302	2	WASHER, Flat, 5/16
0500	707789	1	BOLT, Hex Head, 5/8-11 X 4 1/2, G5
0510	1960035SM	2	WASHER, 5/8
0520	1759234YP	2	BUSHING, Flanged
0530	2860646SM	1	NUT, Hex Flange, 5/8-11
0540	703589	2	CAPSCREW, Hex Head, 3/8-16 X 2, GR5
0550	703590	2	WASHER, .406
0560	1667811SM	2	SPACER
0570	1755279YP	2	SHOCK ABSORBER
0580	5025165SM	4	WASHER, Fender, 3/8
0590	703406	2	CAPSCREW, Hex Head, 3/8-16 X 1 1/2, GR5
0600	1759391YP	2	PAD, Friction
0610	5025594YP	4	SCREW, Phillips Head, 5/16-18 X 1
0620	703902	4	NUT, Hex Nylock, 5/16-18



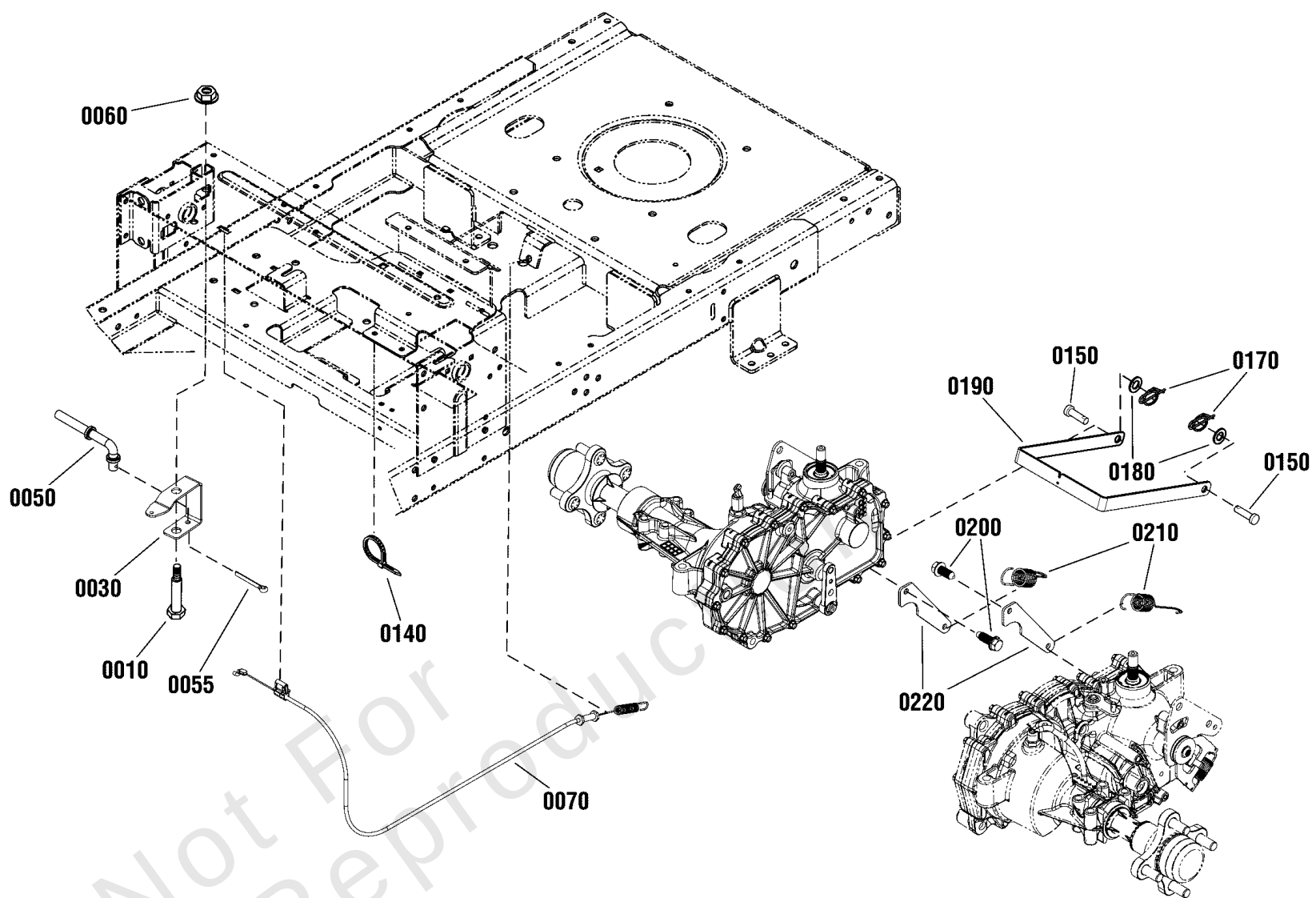
Lift Group

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	703300	2	PIN, Hair, 3/32 x 1 5/8
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
0500	1688086	1	LIFT KIT, ZT
0500-1	5025305SM	2	WASHER, .41 X 1.75 X .14
0500-2	84003818	2	ROD, Lift
0500-3	703406	2	CAPSCREW, Hex Head, 3/8-16 X 1 1/2, GR5
0500-4	703158	2	NUT, Hex Flange, 3/8-16
0500-5	84003820	2	TRUNNION
0500-6	5100334SM	2	SPACER
0500-7	5025396SM	2	NUT, Hex Flange, 1/2-13

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



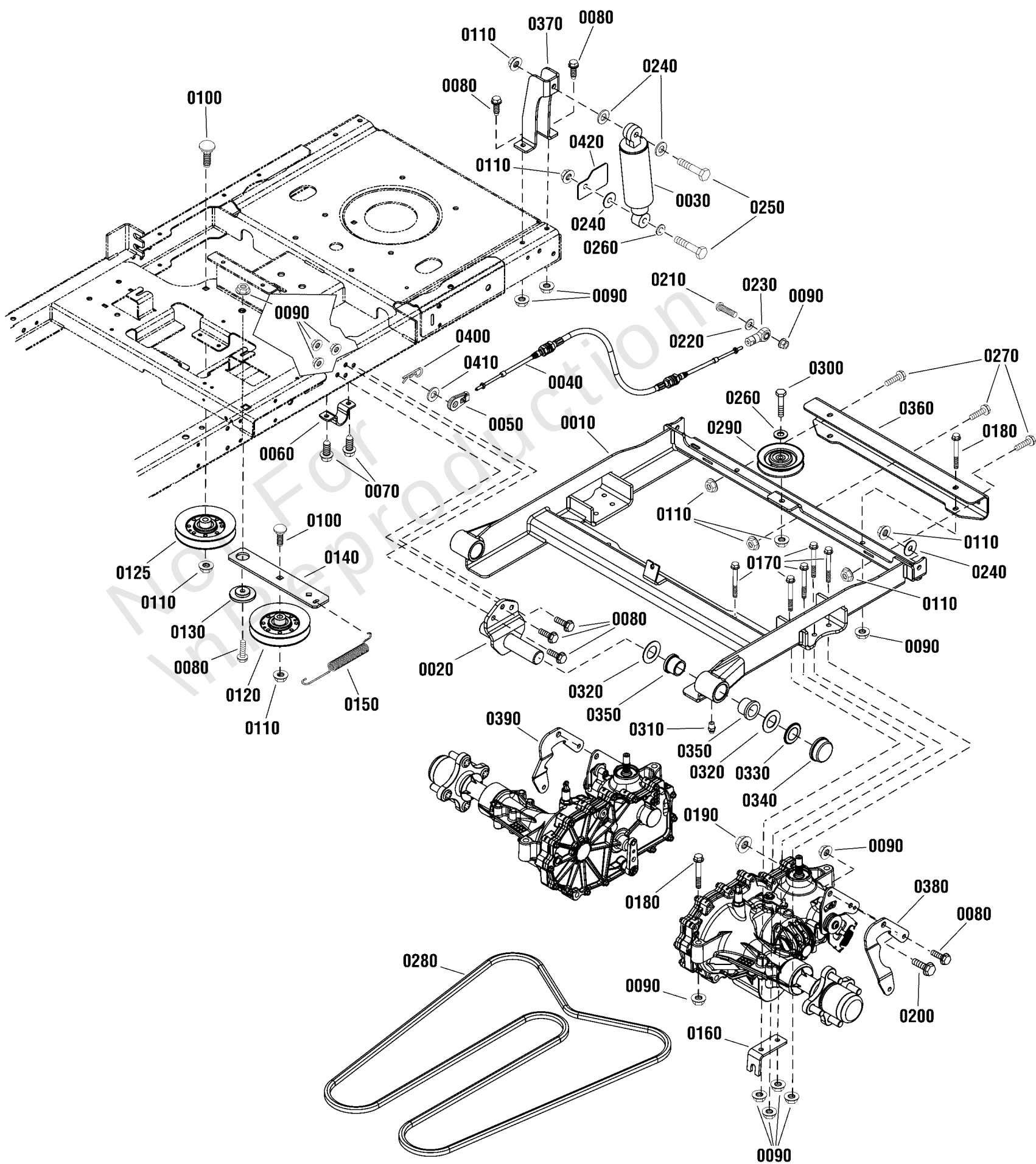
Parking Brake Group

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, Parking Brake
0140	703586	1	TIE, Cable
0150	7014779YP	2	PIN, Clevis, 5/16 x 3/4
0170	7091594SM	2	PIN, Cotter, 1/2
0180	703946	2	WASHER, Flat
0190	1758127AYP	1	ARM, Brake
0200	708964	2	SCREW, Taptite, M6 x 1.0-12
0210	1758283YP	2	SPRING, Extension
0220	1759362YP	2	BRACKET, Spring

Rear Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



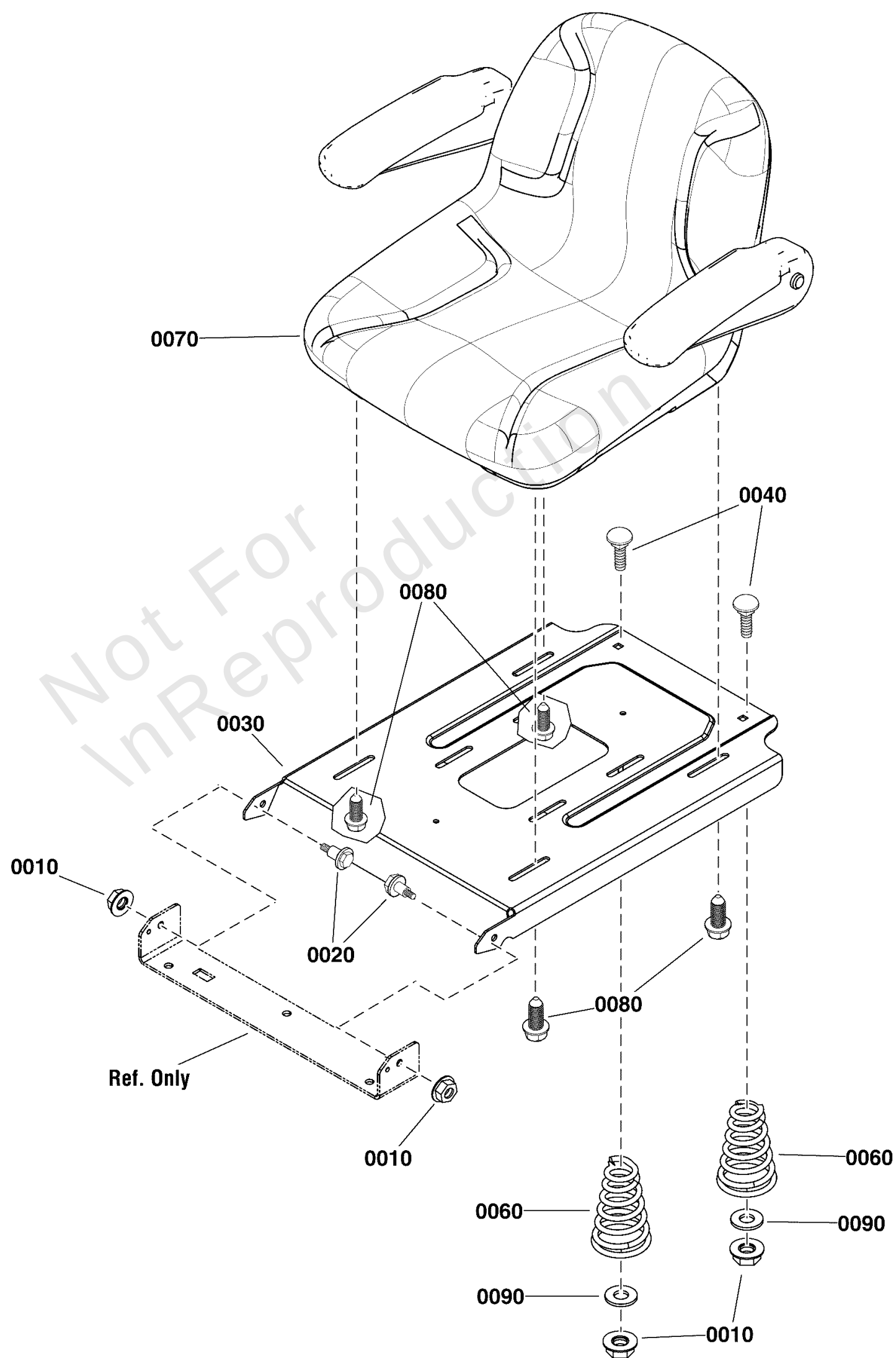
Rear Suspension Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1758718CYP	1	CARRIER, Transmission
0020	1758716CYP	2	SWING ARM, Rear
0030	1755531YP	2	ABSORBER, Shock
0040	1759206YP	2	CABLE, Push/Pull
0050	1759413YP	2	END, Cable
0060	1720147BZYP	2	STRAP
0070	703950	4	SCREW, Hex Washer Head, Thread Roll, 5/16-18 X 5/8
0080	770697	13	SCREW, Hex Flange, 5/16-18 x 1
0090	703115	27	NUT, Flange Nylock, 5/16-18
0100	703858	2	BOLT, Carriage, 3/8-16 X 1 3/4
0110	5025394SM	10	NUT, Hex Flange, Nylock, 3/8-16
0120	1759212YP	1	PULLEY, V Idler, 4.50"
0125	5103456YP	1	PULLEY-IDLER-V, 4.85OB, .38ID
0130	1727935SM	1	SPACER, Pivot
0140	1758744AYP	1	ARM, Idler
0150	1758045YP	1	SPRING, 7.18"Long, .75" OD, Extension
0160	1758822AYP	2	MOUNT, Cable
0170	707943	10	SCREW, Washer Head, 5/16-18 X 3
0180	770083	2	SCREW, Hex Washer, 5/16-18 X 2 1/2
0190	1930650SM	2	NUT, Hex Two Way, 7/16-14
0200	1960043SM	2	SCREW, Hex Flange, 7/16-14 X 1
0210	703172	2	SCREW, Button Head
0220	703302	2	WASHER, Flat, 5/16
0230	5101801YP	2	JOINT, Ball, Female, 10-32
0240	5025165SM	6	WASHER, Fender, 3/8
0250	5025013X14SM	4	CAPSCREW, Hex Head, 3/8-16 X 1-3/4
0260	703590	3	WASHER, .406
0270	5025390X8	3	BOLT, Flange, 3/8-16 X 1
0280	885714YP	1	BELT, Deck
0290	885482YP	1	IDLER, Pulley
0300	703872	1	CAPSCREW, Hex Head, 3/8-16 X 2 1/4
0310	1704314SM	2	FITTING, Lube, 1/4
0320	703199	4	WASHER, Flat
0330	703200	2	NUT, Push
0340	094618MA	2	HUB CAP
0350	1758717YP	4	BUSHING, Flange, 1 x 1
0360	1759163CYP	1	SUPPORT, Transmission
0370	1758778CYP	2	MOUNT, Rear Shock
0380	1759021AYP	1	ARM, Transmission, LH
0390	1759022AYP	1	ARM, Transmission, RH
0400	703300	2	PIN, Hair, 3/32 x 1 5/8
0410	703878	2	WASHER, Flat, 13/32 x 7/8 x .083
0420	1760061CYP	2	GUARD, Suspension

Seat Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



Seat Group

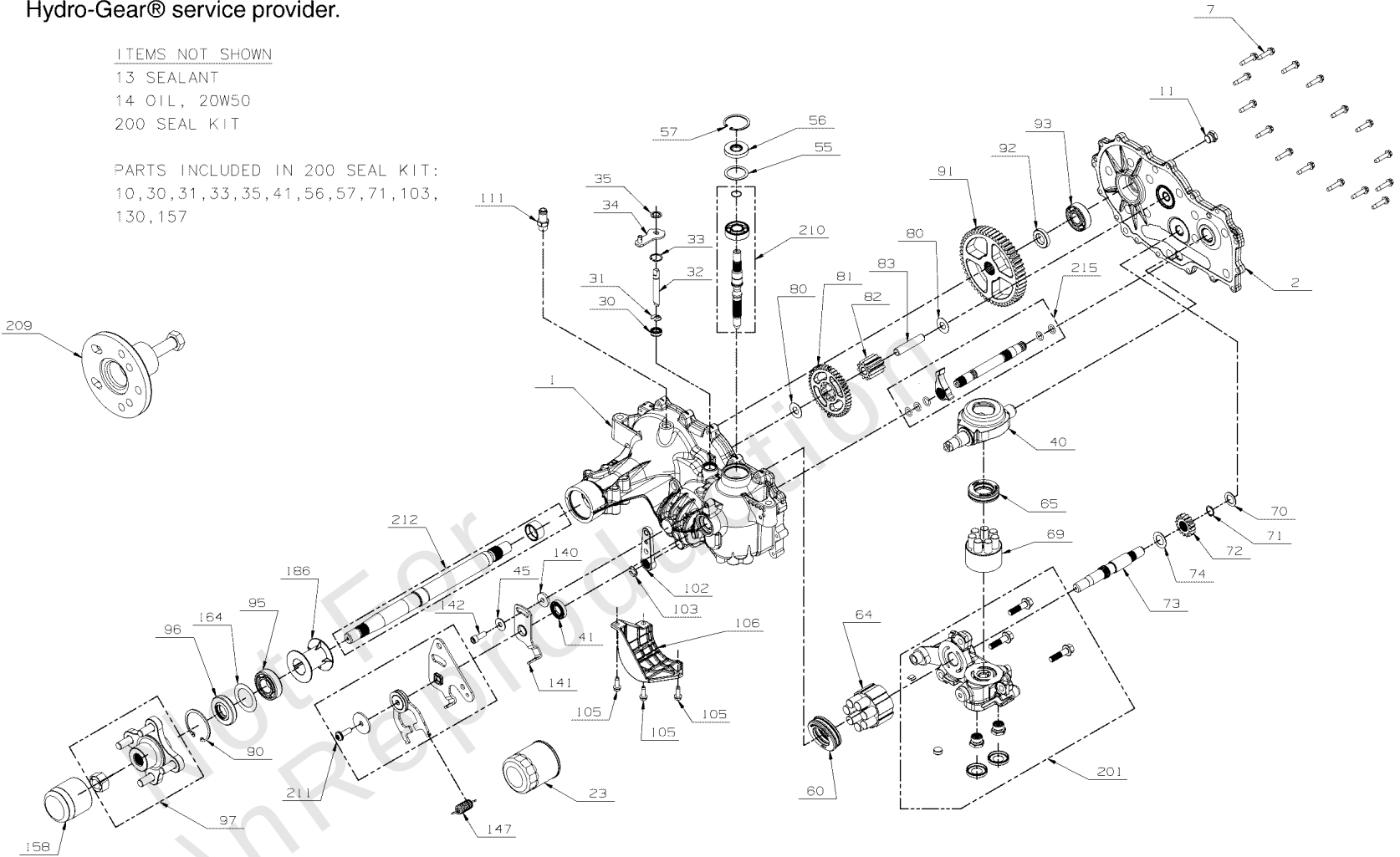
REF NO	PART NO	QTY	DESCRIPTION
0010	703115	4	NUT, Flange Nylock, 5/16-18
0020	1752802YP	2	BOLT, Shoulder, 5/16-18 x 1.03LG
0030	84001619	1	SLIDE, Seat
0040	703483	2	BOLT, Carriage, 5/16-18 X 1, GR5
0060	1717051SM	2	SPRING, Seat
0070	84003333	1	KIT, Seat, 15" , W/Armrests
0080	770697	4	SCREW, Hex Flange, 5/16-18 x 1
0090	704128	2	WASHER, Flat

Service Parts Schematic for Hydro-Gear® Transaxles:
ZH-JPBB-3F7B-2XLX (1759446)
ZH-MPBB-3F7C-3XLX (1759445)

For components not listed see your authorized
Hydro-Gear® service provider.

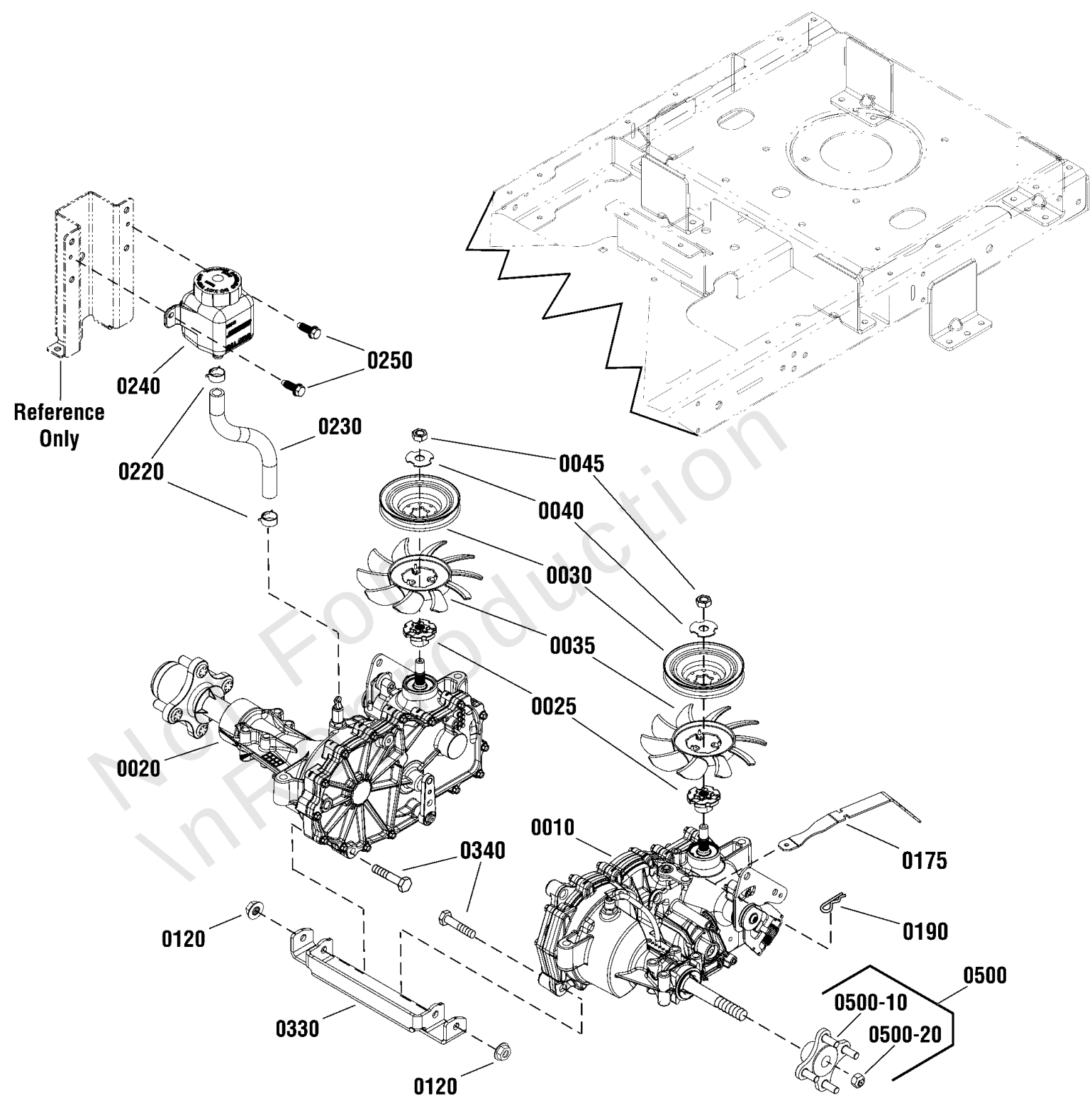
ITEMS NOT SHOWN
13 SEALANT
14 OIL, 20W50
200 SEAL KIT

PARTS INCLUDED IN 200 SEAL KIT:
10, 30, 31, 33, 35, 41, 56, 57, 71, 103,
130, 157



Transaxle SERVICE Parts - Hydro-Gear ZT2800

REF NO	PART NO	QTY	DESCRIPTION
23	5101026X1SM	1	FILTER, OIL,
56	5022905X16SM	1	SEAL, Lip, .67 x 1.58 x .276
57	5101026X4SM	1	RING, RET 2.06 INT,
90	5101026x17YP	1	RING, RETAINING 2.25 INTERNAL (50859)
93	5101026x18SM	1	KIT, BEARING (72749)
96	5101026x16YP	1	SEAL, LIP, AXLE,#53699
97	7600158YP	1	KIT, Hub Replacement
102	5103750YP	1	ARM, Brake
103	5104055YP	1	E-CLIP, Brake Arm
147	5101026x19YP	1	SPRING, Extension (52401)
186	5103589X9YP	1	DEBRIS GUARD HG #53496
200	5101026X8SM	1	KIT SEAL



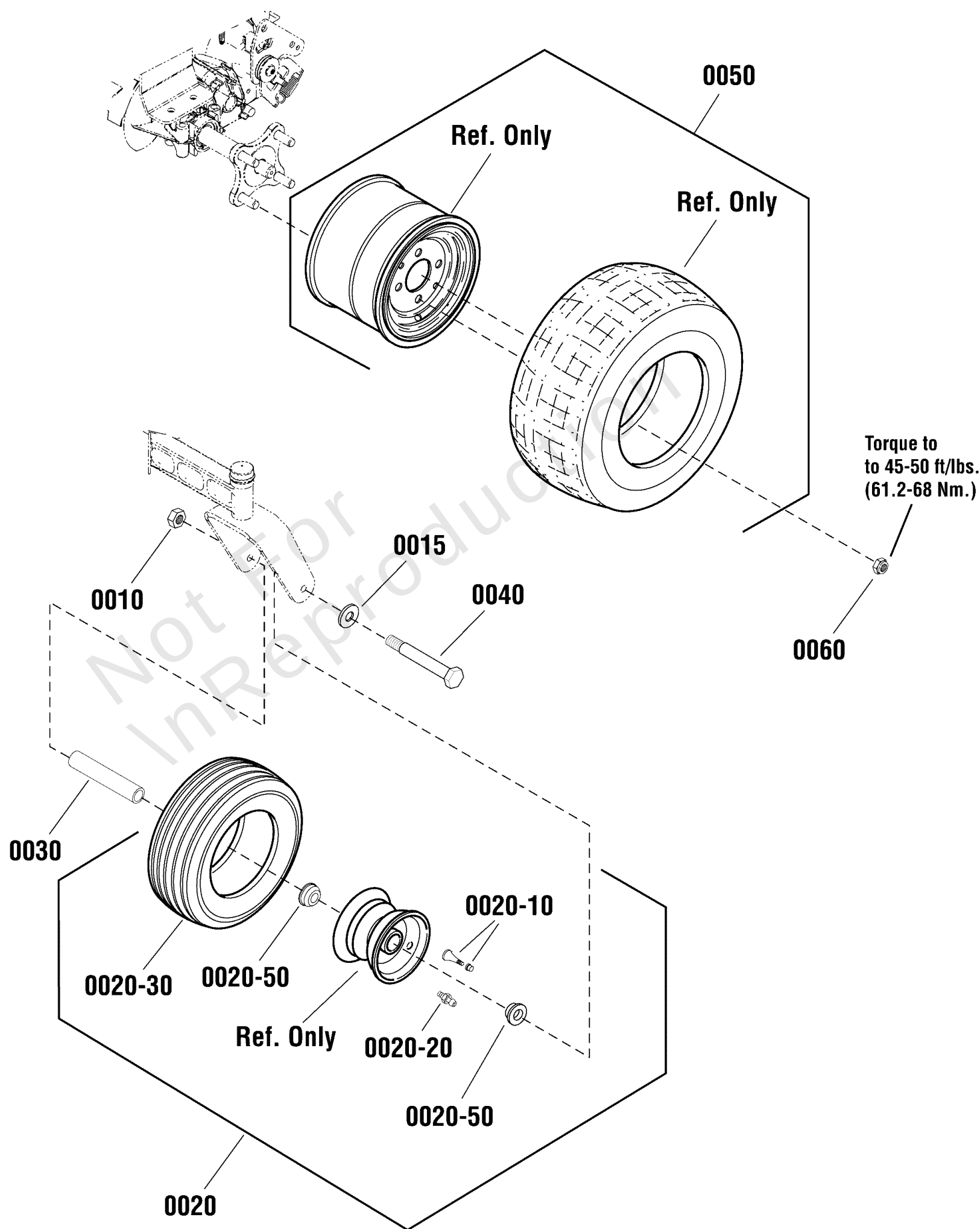
Transmission Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1759446YP	1	TRANSMISSION, LH, Hydro Gear ZT 2800 -(S/N: 4000203503 & Below)
0010	84003845	1	TRANSMISSION, LH, Hydro Gear ZT 2800 -(S/N: 4000203504 & Above)
0020	1759445YP	1	* TRANSMISSION, RH, Hydro Gear ZT 2800 -(S/N: 4000203503 & Below)
0020	84003846	1	TRANSMISSION, RH, Hydro Gear ZT 2800 -(S/N: 4000203504 & Above)
0025	1759450YP	2	SPACER, Transmission, 26 Tooth Spline -(S/N: 4000203503 & Below)
0025	84003847	2	SPACER, Transmission, 17 Tooth Spline -(S/N: 4000203504 & Above)
0030	1759447YP	2	PULLEY, Transmission
0035	1759449YP	2	FAN, Input
0040	5102914YP	2	WASHER, Slotted
0045	5102916YP	2	NUT, ZT5400
0120	5025394SM	2	NUT, Hex Flange, Nylock, 3/8-16
0175	1759276AYP	2	Valve, Tow
0190	1722460SM	2	PIN, Hair
0220	5025474SM	4	CLAMP, Hose .75"
0230	5050857X9P5YP	2	HOSE, Hydro
0240	5100473SM	2	RESERVOIR, Hydro
0250	703054	4	SCREW, Hex Washer Head, 1/4-20 x 5/8
0330	1759172AYP	1	SUPPORT, Front Transmission
0340	5025013X20SM	2	BOLT, 3/8-16 X 2-1/2"
0500	7600158YP	1	KIT, Hub Replacement
0500-10	-----	1	HUB, EZT Transmission
0500-20	-----	1	NUT, EZT Transmission

Wheel & Tire Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691411-02



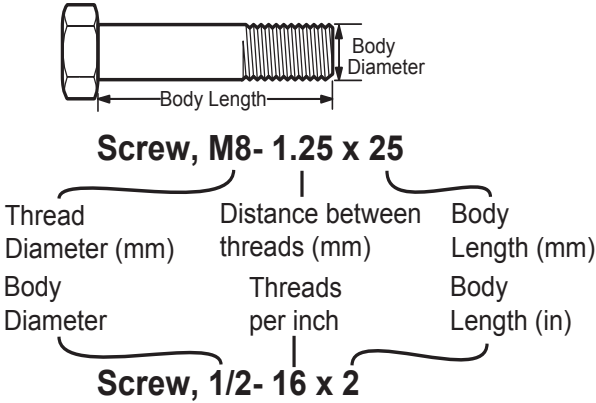
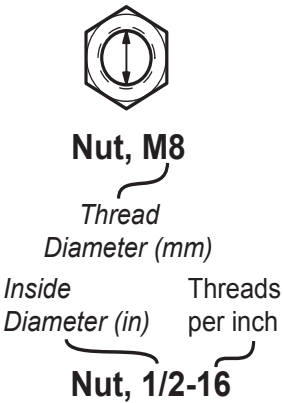
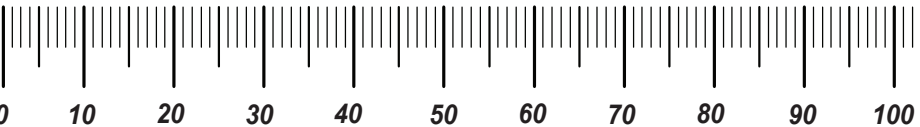
Wheel & Tire Group

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	5102375YP	2	ASSEMBLY, Wheel Rear, 20 X 7-10
0050	1758079YP	2	ASSEMBLY, Wheel Rear, 20 X 10-10
0060	5020601SM	8	NUT, Lug, 1/2-20

Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)								
Property Class	 Class 5.6		 Class 8.8		 Class 10.9		 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).

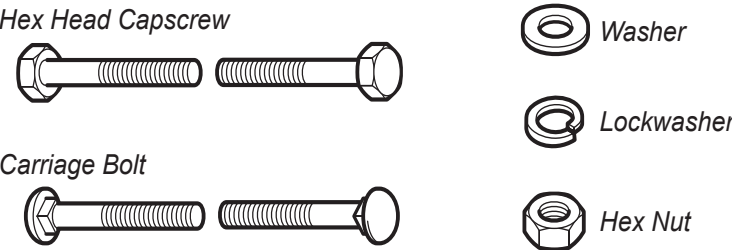
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	 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

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

Common Hardware Types



Wrench & Fastener Size Guide

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

