Parts Manual

Mfg. No: 2691659-00

Courier, 23 Gross HP B&S Rider w/48" Fabricated Mower Deck

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1692125 - Cart, Dump (10 Cu. Ft.). . . . . .
1687855YP - Rhino Grip. . . . . .
1687856YP - Rhino Grip, Ratcheting. . . . . .
1687857 - Vinyl Seat Kit w/Armrests. . . . . .
1696909 - Grass Mulcher Kit, 48" Fabricated Mower Deck. . . . . .
1697104-00 - Headlight Kit. . . . . .
1696673A-00 - Twin Grass Catcher & Front Weight. . . . . .
1696672A-00 - Bagging Boot, Blade & Baffle, 48". . . . . .
1697408A-00 - Kit, ZT Catcher, Twin, CS. . . . . .
1697376A-00 - Bagging Boot, Blade & Baffle, 48". . . . . .

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Model Components

	Page
48" Mower Deck - Housing, Arbors & Blades Group	4
48" & 52" Mower Deck - Roller Group	6
48" Mower Deck - Clutch & Support Group	8
Body & Fuel Tank Group	10
Cargo Box Group	12
Controls Group	14
Decals Group	16
Electrical Group (2992267)	18
Engine Group	20
EVAP Group	22
Frame Group	24
Lift Group	26
Parking Brake Group	28
Seat Group	30
Suspension Group	32
Transmission Group	34
Wheel & Tire Group	36
Torque Specification Chart	38

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48" Mower Deck - Housing, Arbors & Blades Group

Note: Unless noted otherwise, use the standard torque specifications

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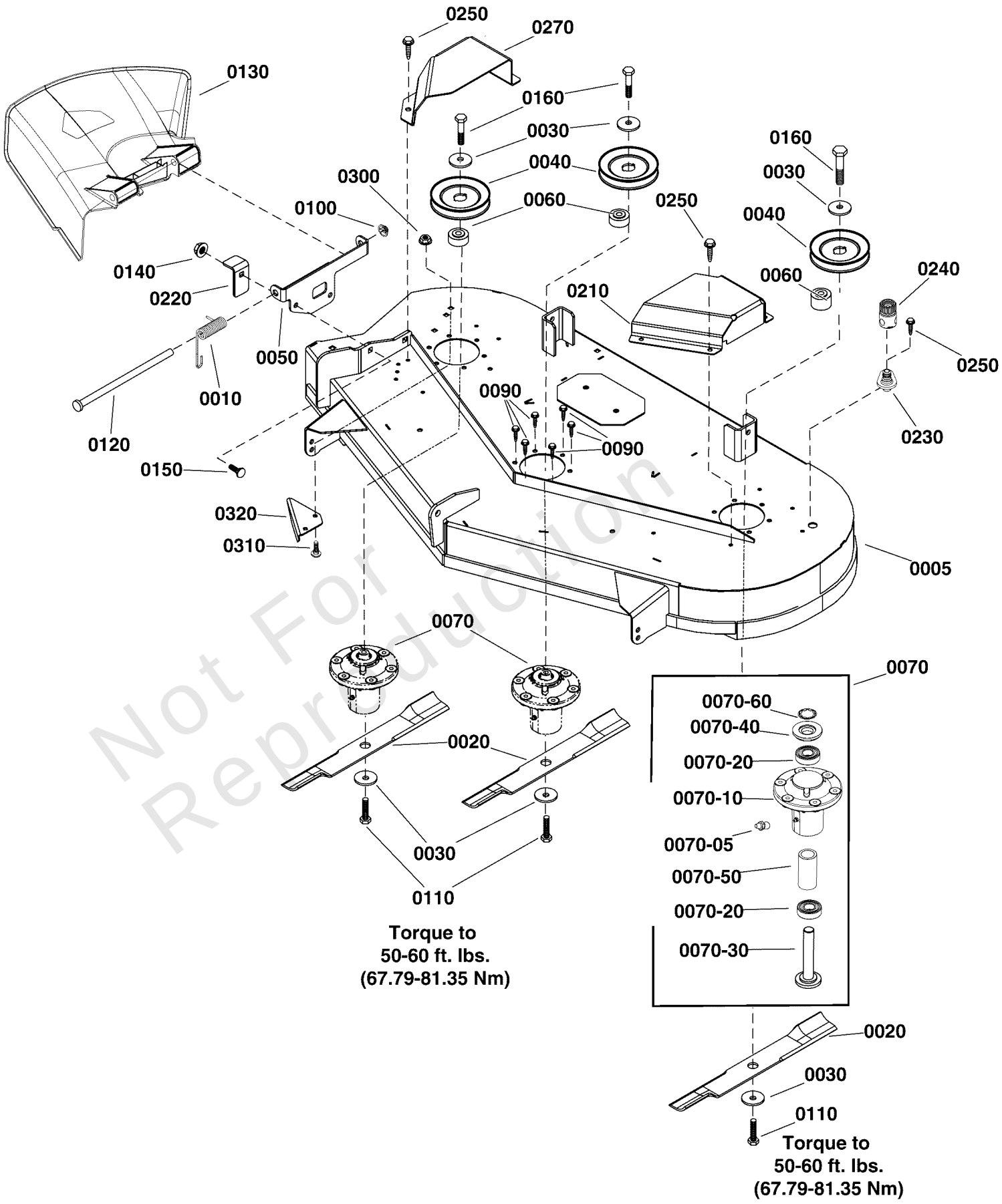

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48" Mower Deck - Housing, Arbors & Blades Group

REF NO	PART NO	QTY	DESCRIPTION
0005	1687841YP	1	KIT, Mower Deck w/Decals, 48" Orange
0010	7035813SM	1	SPRING, TORSION, SIDE
0020	1759055YP	3	BLADE, 48" (122cm)
0030	1656916SM	6	WASHER, SPRING 0.475I
0040	1732951SM	3	PULLEY-04.60 OD 1.000
0050	1758982AYP	1	BRACKET, DEFLECTOR
0060	706362	2	SPACER, HUB
0070	84003173	3	ARBOR ASSEMBLY
0070-05	1704314SM	1	LUBE FITTING, .250 DR
0070-10	84003653	1	HOUSING ASSEMBLY
0070-20	1735399YP	2	BEARING, Ball, 20mm
0070-30	84003170	1	SHAFT, SPINDLE
0070-40	84003166	1	COVER, ARBOR
0070-50	84003167	1	SPACER, BEARING
0070-60	1960766YP	1	RING, SELF LOCKING
0090	704146	18	SCREW, HEX, 5/16-18X1
0100	703179	1	PUSHNUT, CAP TYPE
0110	2820676SM	3	CAPSCREW-HEX HD 7/16-
0120	7104640YP	1	ROD, Deflector
0130	7104733YP	1	CHUTE, SIDE DISCHARGE
0140	703793	4	LOCKNUT
0150	703815	4	BOLT, RD SQ 3/8-16X1
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
0310	703185	2	BOLT, Round Head, Short Square Neck
0320	706368	1	BAFFLE, Pinchoff

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48" & 52" Mower Deck - Roller Group

Note: Unless noted otherwise, use the standard torque specifications

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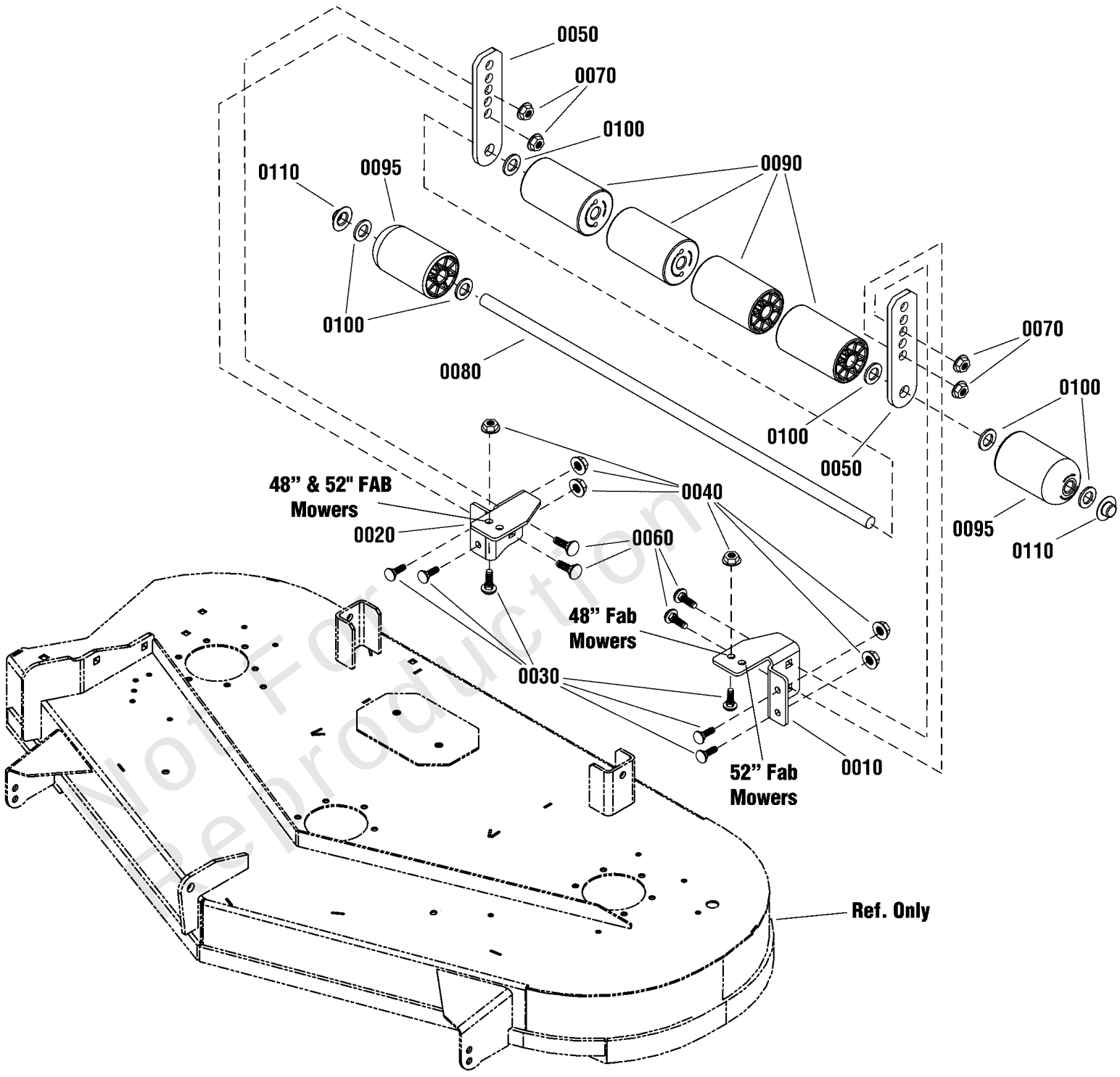

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48" & 52" Mower Deck - Roller Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1758457AYP	1	MOUNT, Roller Bar, LH
0020	1758458AYP	1	MOUNT, Roller Bar, RH
0030	703185	6	BOLT, Round Head, Short Square Neck
0040	703115	6	NUT
0050	1758461AYP	2	BAR, Roller
0060	703815	4	BOLT, RD SQ 3/8-16X1
0070	5025394SM	4	NUT, 3/8-16 HEX NYLOCK
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	771009	2	PUSHNUT, 5/8

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48" Mower Deck - Clutch & Support Group

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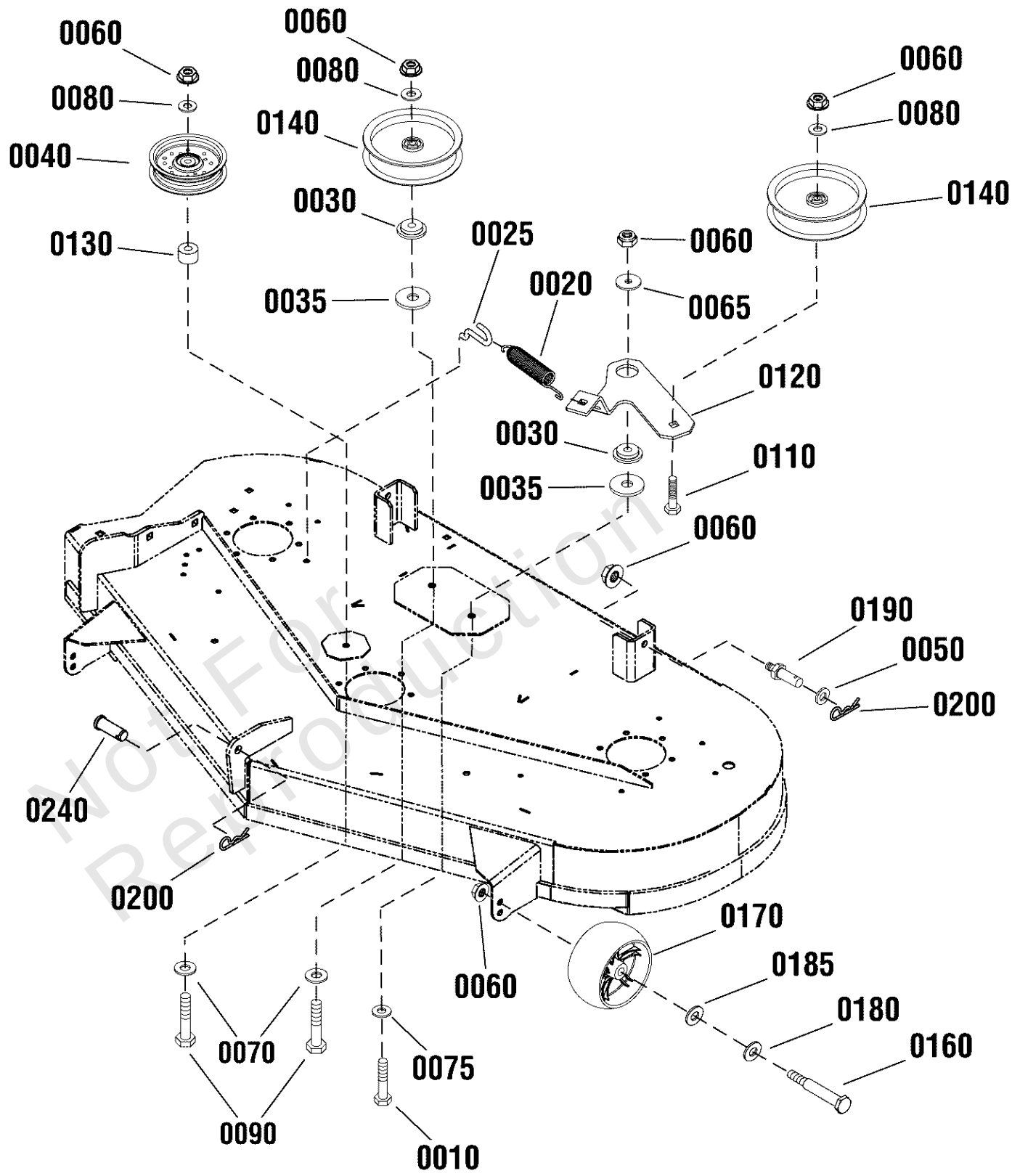

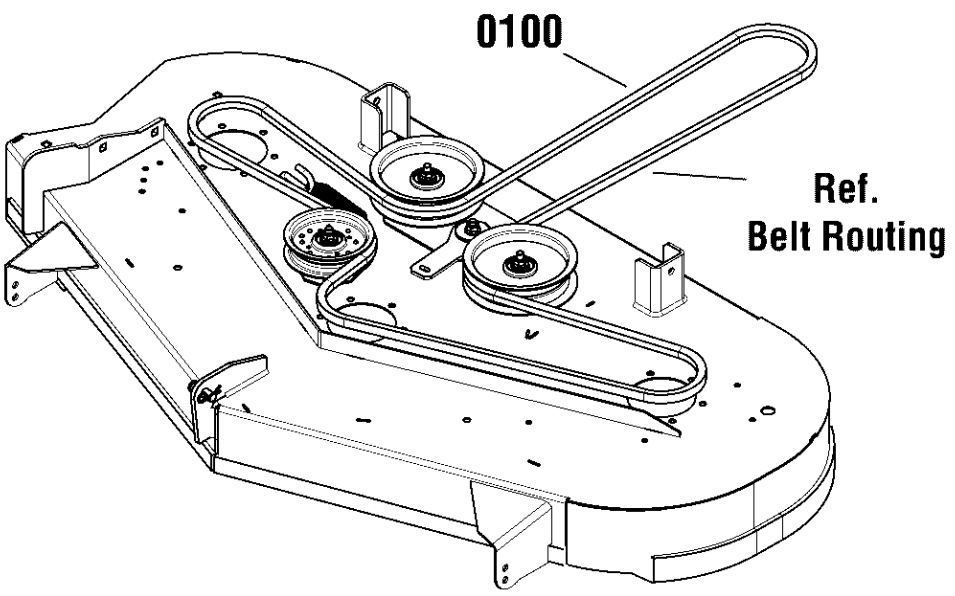

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48" Mower Deck - Clutch & Support Group

REF NO	PART NO	QTY	DESCRIPTION
0010	703406	1	CAPSCREW,3/8-16X1.5
0020	1715772SM	1	SPRING, Extension
0025	1758170YP	1	ANCHOR, Spring
0030	706128	2	SPACER, IDLER
0035	1960071SM	2	WASHER-0.375(0.41IDX1
0040	1757823YP	1	PULLEY-IDLER 4"
0050	703853	2	WASHER, 0.516IDX1OD
0060	703158	8	NUT, Hex Flange, 3/8-16
0065	5025305SM	1	WASHER, .41 X 1.75 X
0070	703591	2	WASHER, .406X1.5X.12
0075	1919384SM	1	WASHER-0.375(0.44IDX1
0080	703878	3	WASHER, FLAT
0090	703133	2	HHCS,3/8-16X2.750
0090	5025013X24SM		BOLT, 3/8-16 X 3" GD5
0100	84003367		V-BELT, HA
0110	7900009SM	1	RHSSNB, 3/8-16 X 2-1/
0120	1758073AYP	1	ARM, Idler
0120	1760882AYP	1	ARM, Idler
0130	1667812SM	1	SPACER
0140	7034422SM	2	(C) PULLEY, FLAT IDLE
0160	1736539YP	2	BOLT, SHOULDER
0170	1736896YP	2	WHEEL, GAUGE
0180	5025158SM	2	WASHER, 1/2" SAE
0185	0020X3MA	2	WASHER,SPRING .52X.99
0190	704054	2	PIN, 3/8-16
0200	403162MA	3	PIN, Hair, 3/32 X 1.6
0240	5025479YP	1	CLEVIS PIN, 1/2 X 1.3

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Body & Fuel Tank Group

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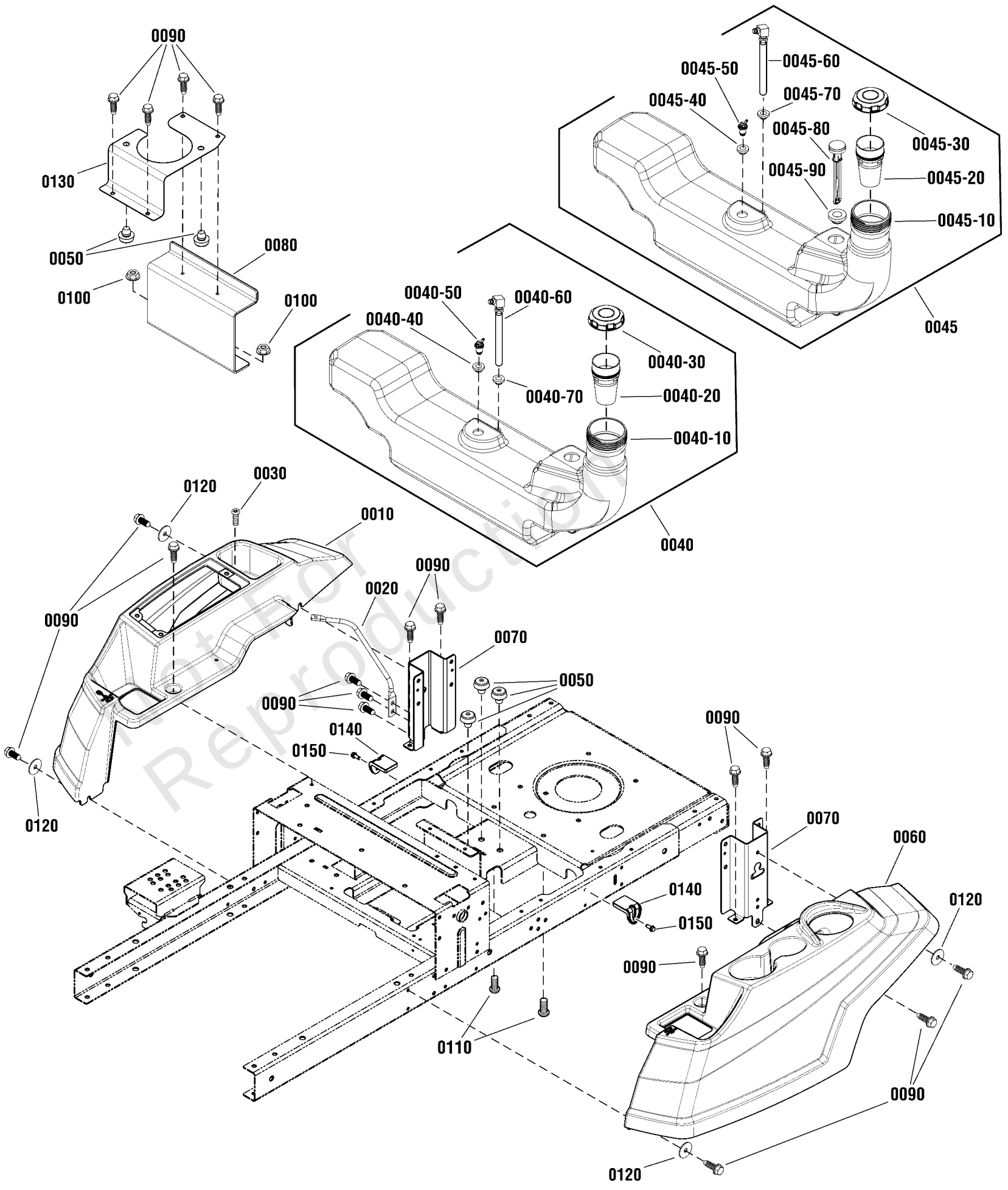

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Body & Fuel Tank Group

REF NO	PART NO	QTY	DESCRIPTION
0010	84008779	1	FENDER, Right
0020	1759369YP	1	ROD, Support
0030	7090999SM	1	SCREW, Phillips Head, 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	-----	1	NECK, Fuel Filter -(Order item 0040)
0040-30	1758314YP	1	CAP-FUEL TANK
0040-40	799624	1	GROMMET
0040-50	7104638YP	1	VENT, Remote
0040-60	1758927YP	1	TUBE-PICK UP
0040-70	1726400SM	1	BUSHING
0045	1758919YP	1	FUEL TANK ASSEMBLY. W / Fuel Gauge -(Includes item Nos. 0045-10 thru 0045-90)
0045-10	-----	1	TANK, Fuel -(Order item 0045)
0045-20	-----	1	NECK, Fuel Filter -(Order item 0045)
0045-30	1758314YP	1	CAP-FUEL TANK
0045-40	799624	1	GROMMET
0045-50	7104638YP	1	VENT, Remote
0045-60	1758927YP	1	TUBE-PICK UP
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-LEFT
0070	1758239AYP	2	SUPPORT-FENDER
0080	84002196	1	BRACKET
0090	1664847SM	18	SCREW, Taptite, 5/16-18 x 3/4
0100	703158	2	NUT, Hex Flange, 3/8-16
0110	707790	2	SCREW, Button Head, 3/8-16 X .88
0120	1960044SM	4	WASHER-0.312(0.33IDX1
0130	1759140AYP	1	STRAP-FUEL TANK
0140	1760244YP	2	SUPPORT, Fuel Tank
0150	703054	2	SCREW, 1/4-20X0.625

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Cargo Box Group

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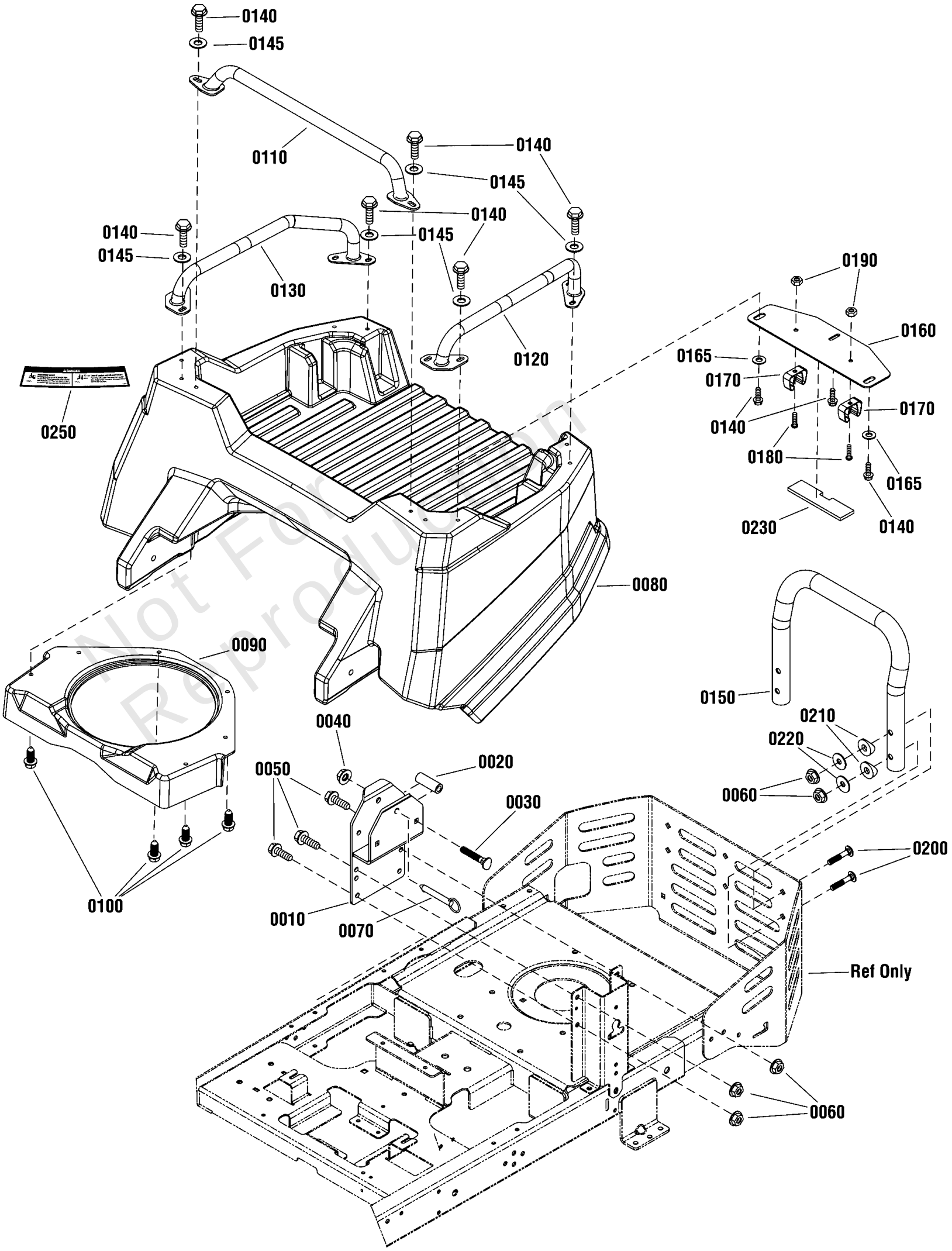

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Cargo Box Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1759433AYP	2	SUPPORT, Cargo Box
0020	1713588SM	2	SPACER-0.323IDX0.555O
0030	704421	2	SCREW, 5/16 X 2.25
0040	704067	2	NUT, HEX FLNG,5/16-18
0050	703410	6	BOLT,5/16-18X1
0060	703115	10	NUT
0070	5103021YP	2	HITCH PIN, 3/8 X 2-1/
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 & WASHER ASMY
0200	704035	4	BOLT, CRRG, 5/16-18X2
0210	1759361YP	4	SADDLE, Tube
0220	1960044SM	4	WASHER-0.312(0.33IDX1
0230	1759603YP	1	PAD, Friction
0250	1759613YP	1	DECAL, Danger

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Controls Group

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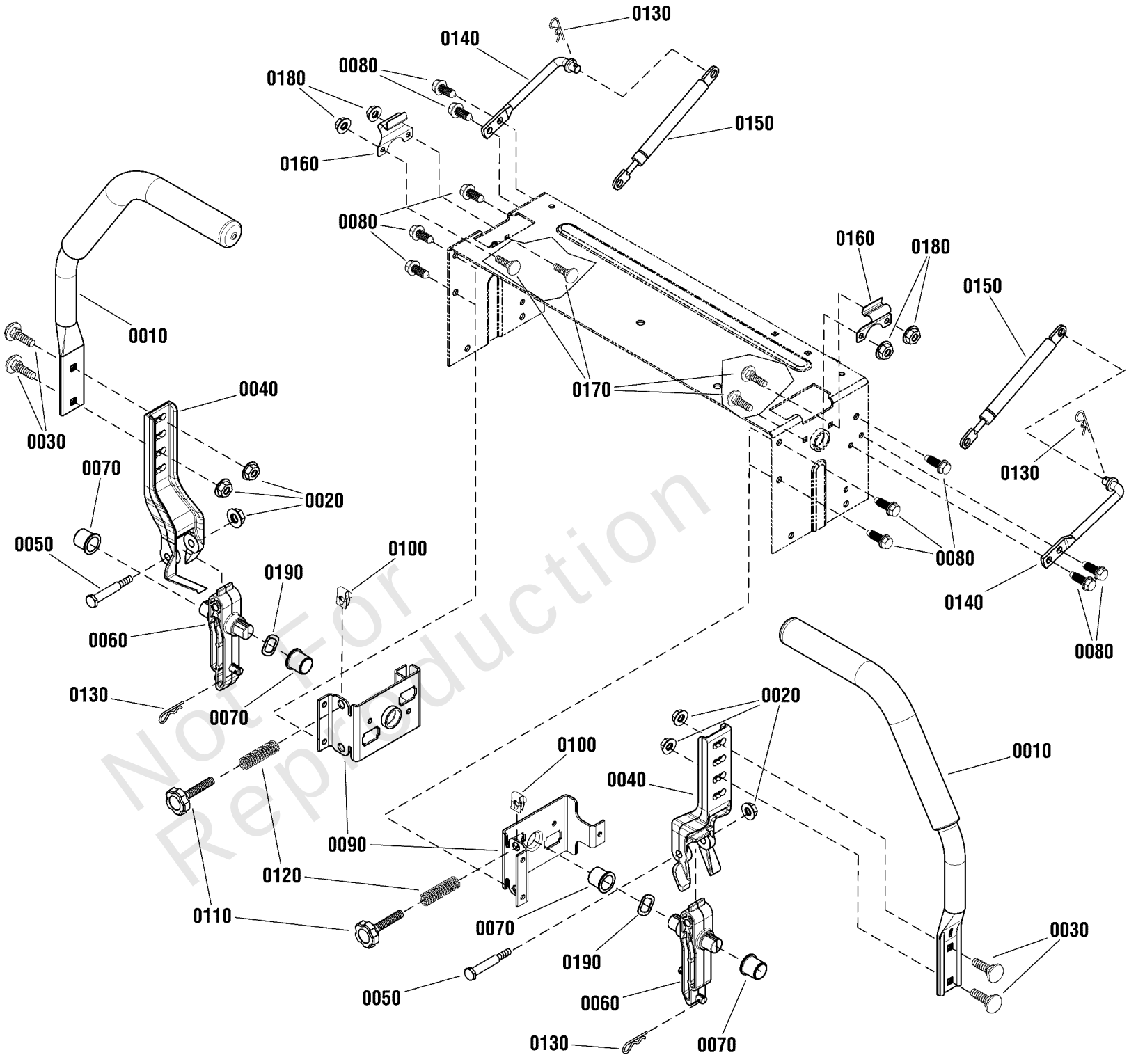

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Controls Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1758372YP	2	HANDLE, CONTROL
0020	703115	4	NUT
0030	703483	4	BOLT,5/16-18X1.000,RO
0040	1757965YP	2	ARM, UPPER CONTROL
0050	707624	2	BOLT,SHLDR,5/16-18
0060	1757964YP	2	ARM, LOWER CONTROL
0070	2176440SM	4	BUSHING-0.765IDX
0080	703949	10	SCREW, 5/16-18.625
0090	1758087AYP	2	PIVOT, Inner Control
0100	1960717SM	2	NUT, Speed, 5/16-1
0110	1758373YP	2	KNOB, 5/16-18 X 2.5
0120	1650347SM	2	SPRING-COMP 0.50 IDX
0130	5025211SM	4	PIN, HAIR, .0585" X 1
0140	1758463YP	2	ROD, DAMPNER MNT
0150	1758152YP	2	DAMPENER, Control
0160	1759182YP	2	LATCH, CONTROL ARM
0170	703101	4	BOLT,1/4-20X.75
0180	703463	4	NUT, GR5,1/4-20
0190	707625	2	WSHR, 3 WAVE, .750

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Decals Group

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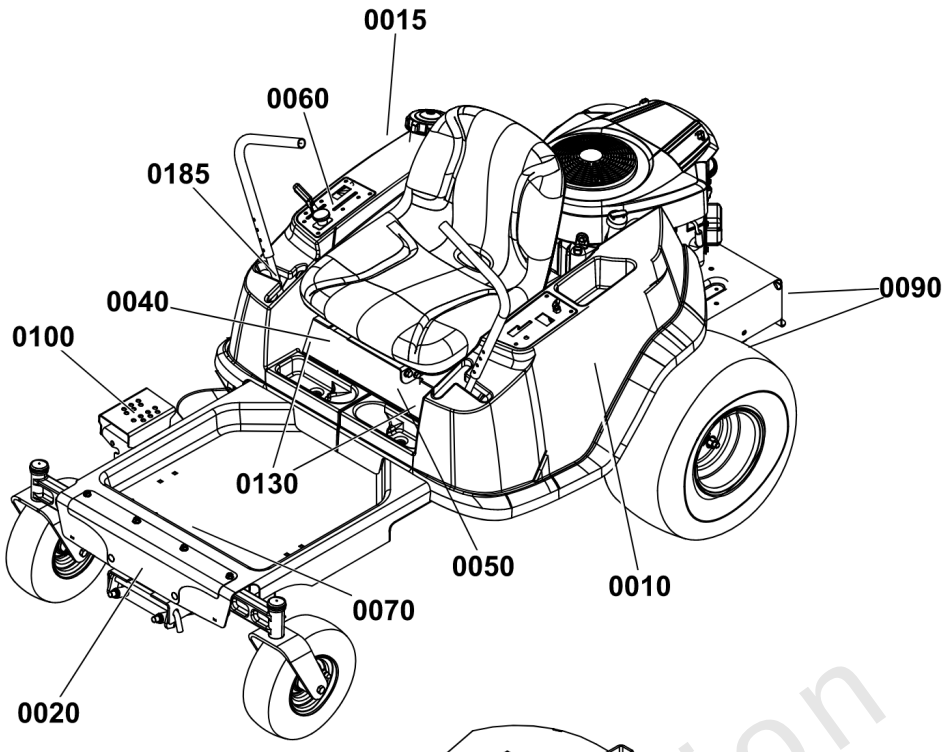

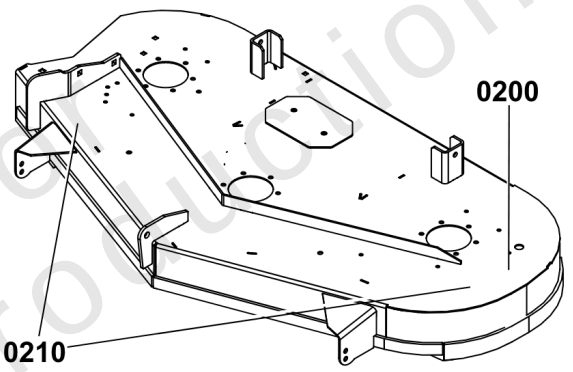

Belts & Blades	
Tractor	
Pump Drive Belt	1758100YP
(Suspension Model)	885714YP
44" Mower	
Deck Drive Belt	1736516YP
Mower Blade	1727774ASM
46" Mower	
Deck Drive Belt	1736516YP
Mower Blade	1737228BZYP
48" Mower	
Deck Drive Belt	1736516YP
Mower Blade	1759055YP

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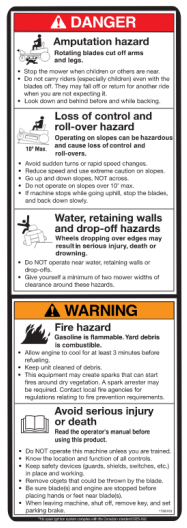

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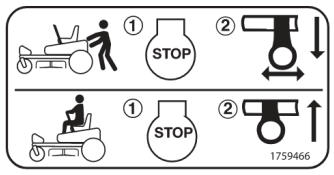

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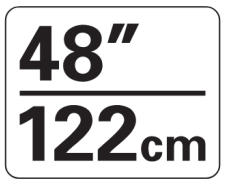

0200

0210

0010

0015

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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, SMI LOGO 10.47
0040	771749	1	DECAL, Courier
0050	1758877YP	1	DECAL, SCS
0060	7105868YP	1	DECAL, ENGINE SPEED
0070	1758193YP	1	DECAL
0090	1759466YP	2	DECAL
0100	1759253YP	1	DECAL, Height of Cut
0130	1759724YP	2	DECAL, Tracking Adjustment - ZT
0140	1759772YP	1	DECAL, Service Parts
0185	84011099	1	DECAL, Integrated Parking Brake
0200	1755719YP	1	DECAL, 48"/122cm
0210	7101665YP	2	DECAL, DANGER

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Electrical Group (2992267)

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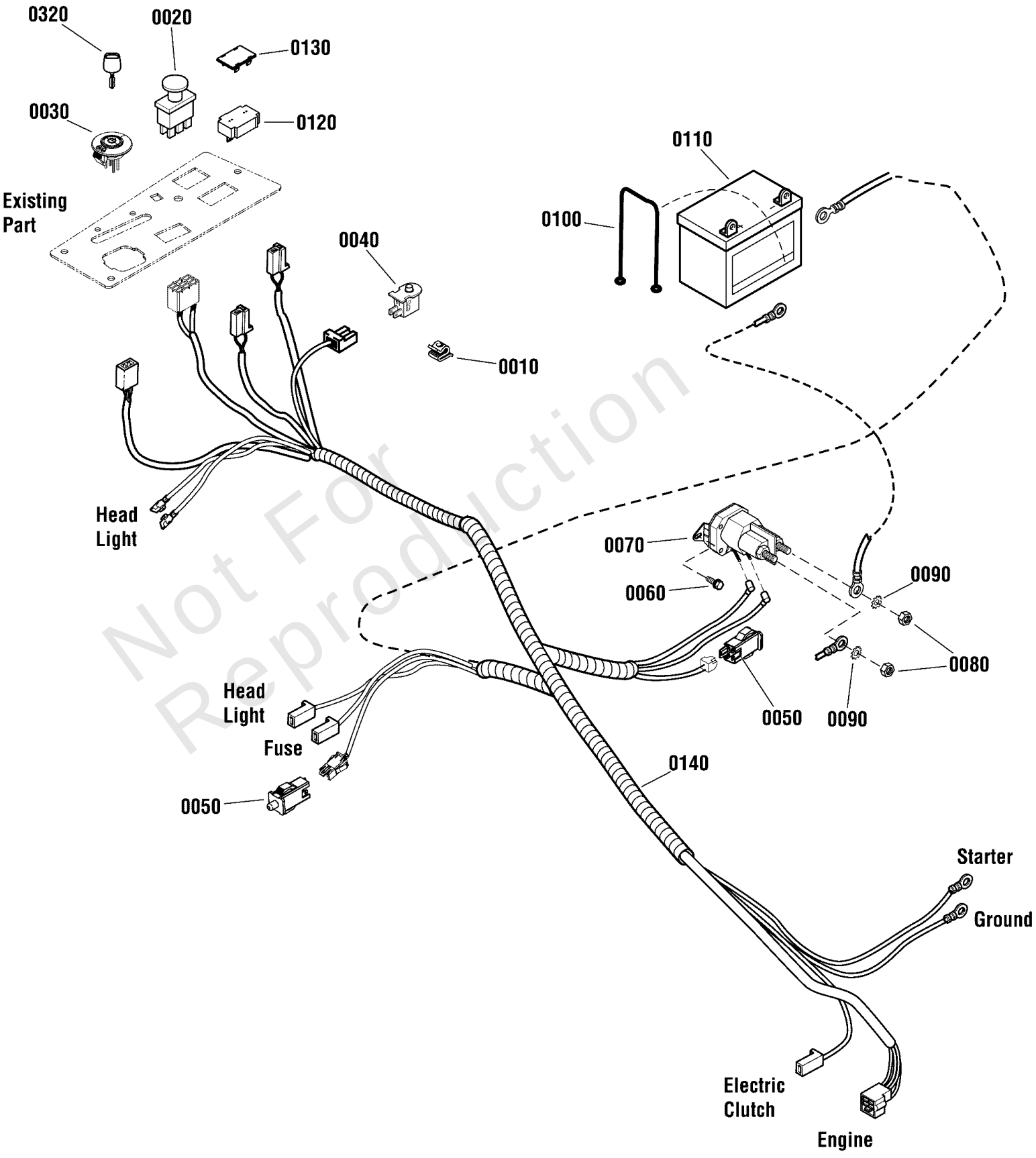

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Electrical Group (2992267)

REF NO	PART NO	QTY	DESCRIPTION
0010	2172434SM	1	CLIP- WIRE DIA .390
0020	1722887SM	1	SWITCH-PTO PUSH
0030	7106169YP	1	SWITCH, IGNITION, DEL
0040	7023354YP	1	SWITCH, SEAT
0050	7022886YP	2	SWITCH, DP NO/NC SNAP
0060	1960252SM	2	BOLT-RD HD SH SQ NK 1
0070	1755382YP	1	SOLENOID
0080	703463	2	NUT, GR5,1/4-20
0090	703061	3	NUT, HEX KEPS, 1/4-20
0100	1722009SM	1	STRAP, Rubber, 13”
0320	7106172YP	1	KEY, Ignition Switch - Pack of 2, CE/CAN
0320	7106170YP	1	KEY, Ignition Switch, Pack of 2, NA/AU
0110	-----	1	BATTERY, 12 Volt, 230 CCA
0120	1731185SM	1	METER-HOUR DIGITAL NO
0130	1722611SM	1	PLUG-HOLE BLACK
0140	1758084YP	1	HARNESS, Main, ZTR

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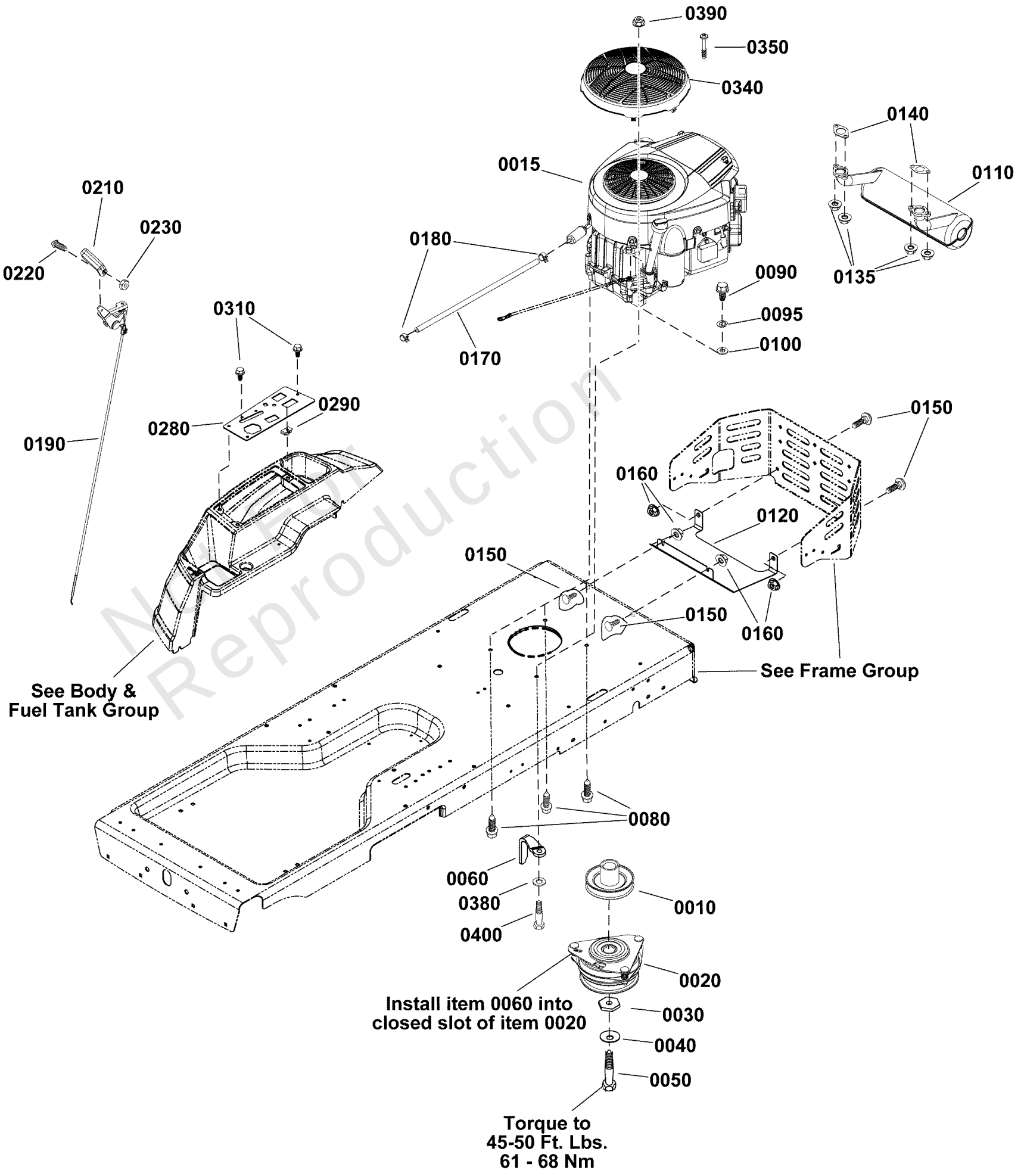

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Engine Group

REF NO	PART NO	QTY	DESCRIPTION
0015	44U777-0010-G1	1	* ENGINE, 23 Gross HP B&S, Twin -(Refer to Note: *) (Engine Model: 44U777-0010-G1)
0015	44S977-0046-G1	1	* ENGINE, 25 Gross HP B&S, Twin -(Refer to Note: *) (Engine Model: 44S977-0046-G1)
0010	1757995YP	1	ASSEMBLY-PULLEY
0020	1736105SM	1	CLUTCH, ELECTRIC
0030	1708264SM	1	WASHER, HEX, 0.453ID
0040	1960769YP	2	WASHER, Belleville
0050	771023	1	CAPSCREW, Hex Head, Loctite, 7/16-20 x 3 1/2
0060	1737421AYP	1	GUIDE, Belt
0080	2828635SM	3	SCREW-HEX WSHR HD TAP
0090	703054	1	SCREW, 1/4-20X0.625
0095	703332	1	WASHER
0100	1921880SM	1	LOCKWASHER-EXTERNALTO
0110	1758350YP	1	MUFFLER
0120	1759502AYP	1	SHIELD, Heat
0135	690941	4	NUT
0140	690970	2	GASKET, Exhaust
0150	703185	4	BOLT, Round Head, Short Square Neck
0160	703115	4	NUT
0170	327290MA	1	HOSE, Fuel
0180	93053	2	CLAMP, Hose
0190	1759205YP	1	CONTROL-THROTTLE
0210	1739312YP	1	KNOB, THROTTLE
0220	797483	1	SCREW
0230	703460	1	NUT, Hex #8-32
0280	1759429AYP	1	PANEL, Control
0290	705876	3	NUT
0310	703953	5	SCREW, 1/4-20X5/8
0340	797420YP	1	GUARD, Debris Screen
0350	799359	1	SCREW
0380	5025155SM	1	WASHER, 5/16
0390	5025392SM	1	NUT, Ny Lock Flange, 5/16-18
0400	5025011X14SM	1	BOLT, 5/16-18 X 1-3/4

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Footnotes:

Note:* Verify your specific engine model, reference the ID Tag located on your engine. Refer to your local Briggs & Stratton distributor for parts and service.

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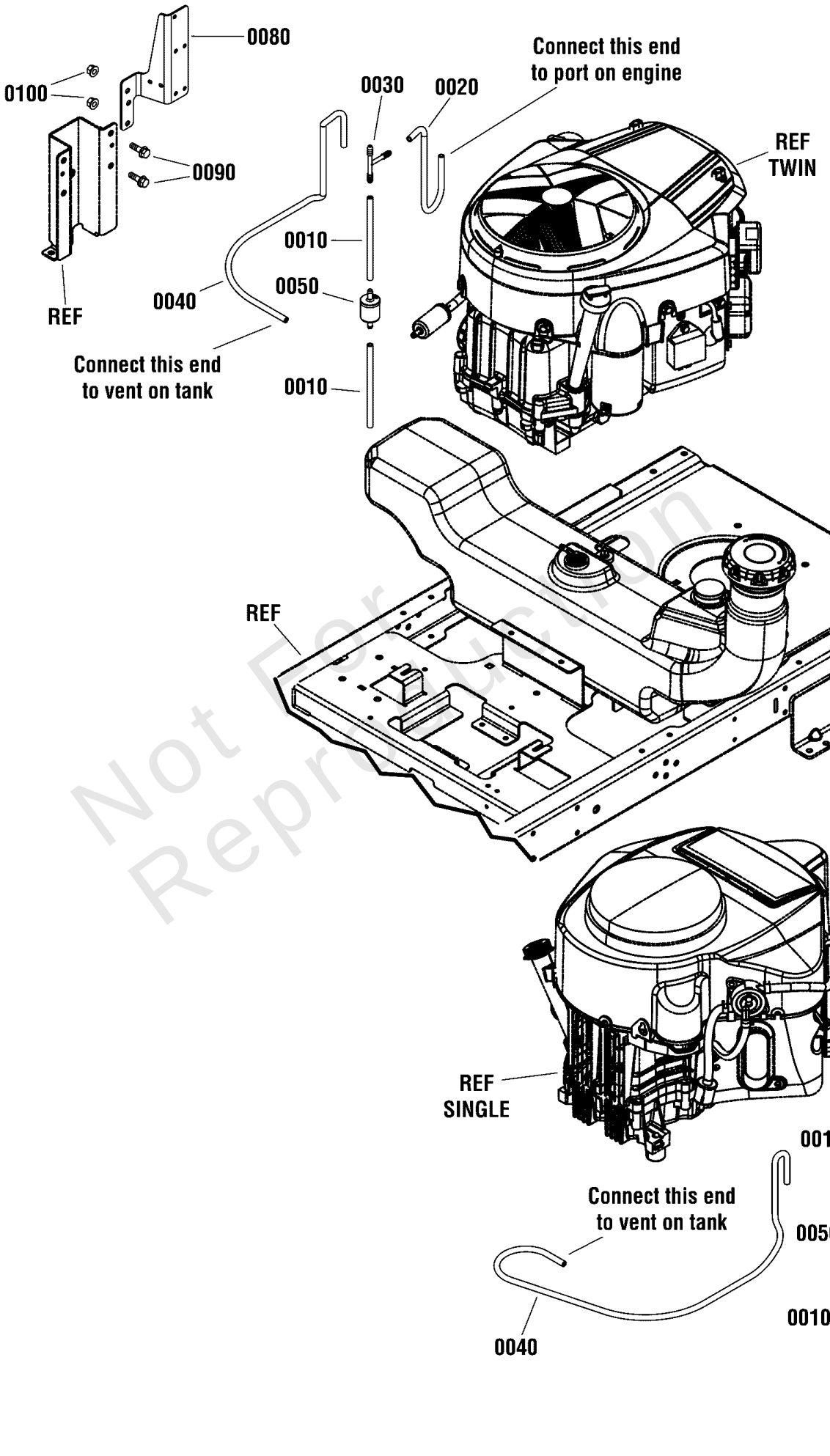

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EVAP Group

REF NO	PART NO	QTY	DESCRIPTION
0010	7700552X6YP	2	HOSE-VAPOR
0020	7700552X12YP	1	HOSE, VAPOR,5MM ID,12
0030	5103062YP	1	FITTING, 3/16" TEE, B
0040	7700552X26YP	1	HOSE, Vapor, 5 MM ID, 26.00 LG
0050	84001895	1	FILTER, Fuel
0070	5021030SM	5	TIE WRAP, 5-1/2" LONG -(Not Shown)
0080	1760538AYP	1	BRACKET
0090	703410	2	BOLT,5/16-18X1
0100	703115	2	NUT

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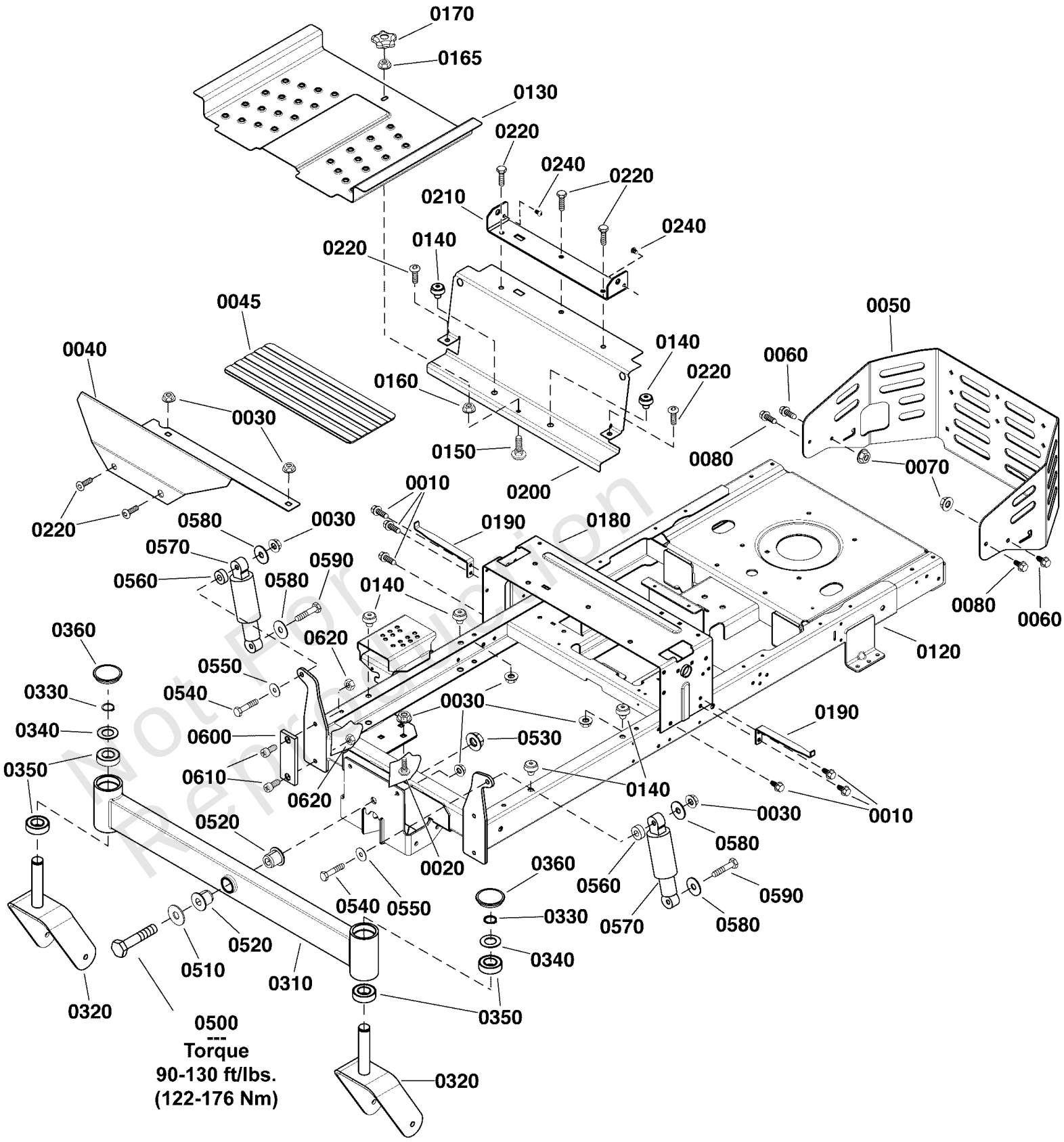
Frame Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691659-00



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Frame Group

REF NO	PART NO	QTY	DESCRIPTION
0010	703949	6	SCREW, 5/16-18.625
0020	703448	2	BOLT, 3/8-16X.75 G5
0030	703158	13	NUT, Hex Flange, 3/8-16
0040	1759278CYP	1	FOOTREST, Pivoting Axle
0045	5101374YP	1	SAFETY WALK, FLOOR RE
0050	1759501CYP	1	BUMPER, Rear
0060	703410	2	BOLT,5/16-18X1
0070	703115	2	NUT
0080	1664847CAYP	2	SCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
0120	-----	1	FRAME , Pivot & Suspension -(Not a serviceable part)
0130	1757813CYP	1	PAN, Foot
0140	197546GS	6	MOUNT-VIBRATION
0150	7090496YP	1	RHSSNB, 1/4C X1 GR5 Z
0160	7091584SM	1	NUT, Serrated Flange,1/4-20, GR5
0165	703954	1	NUT, Centerlock, 1/4-20, GR5
0170	707785	1	KNOB
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	703932	2	SCREW, 5/16-18X.5
0310	84001639	1	AXLE, Front, Pivoting
0320	84003836	2	CASTER, Front
0330	703993	2	RETAINER, EXT RING, 1
0340	703199	2	WASHER, 1
0350	1758354YP	4	BEARING
0360	1725651SM	2	COVER, Spindle
0360	5105524YP	2	CAP
0500	707789	1	BOLT
0510	1960035SM	2	WASHER-0.625(0.64IDX1
0520	1759234YP	2	BUSHING
0530	2860646SM	1	NUT, Hex Flange, 5/8-11
0540	703589	2	CAPSCREW, 3/8-16X2
0550	71072MA	2	WASHER, FLAT .406X.81
0560	1667811SM	2	SPACER
0570	1755279YP	2	SHOCK ABSORBER, 8IN
0580	5025165SM	4	WASHER, 3/8" FENDER
0590	703406	2	CAPSCREW,3/8-16X1.5
0600	1759391YP	2	PAD-FRICTION
0610	5025594YP	4	SCREW, 5/16-18 X 1
0620	703902	4	NUT, HEX, 5/16-18

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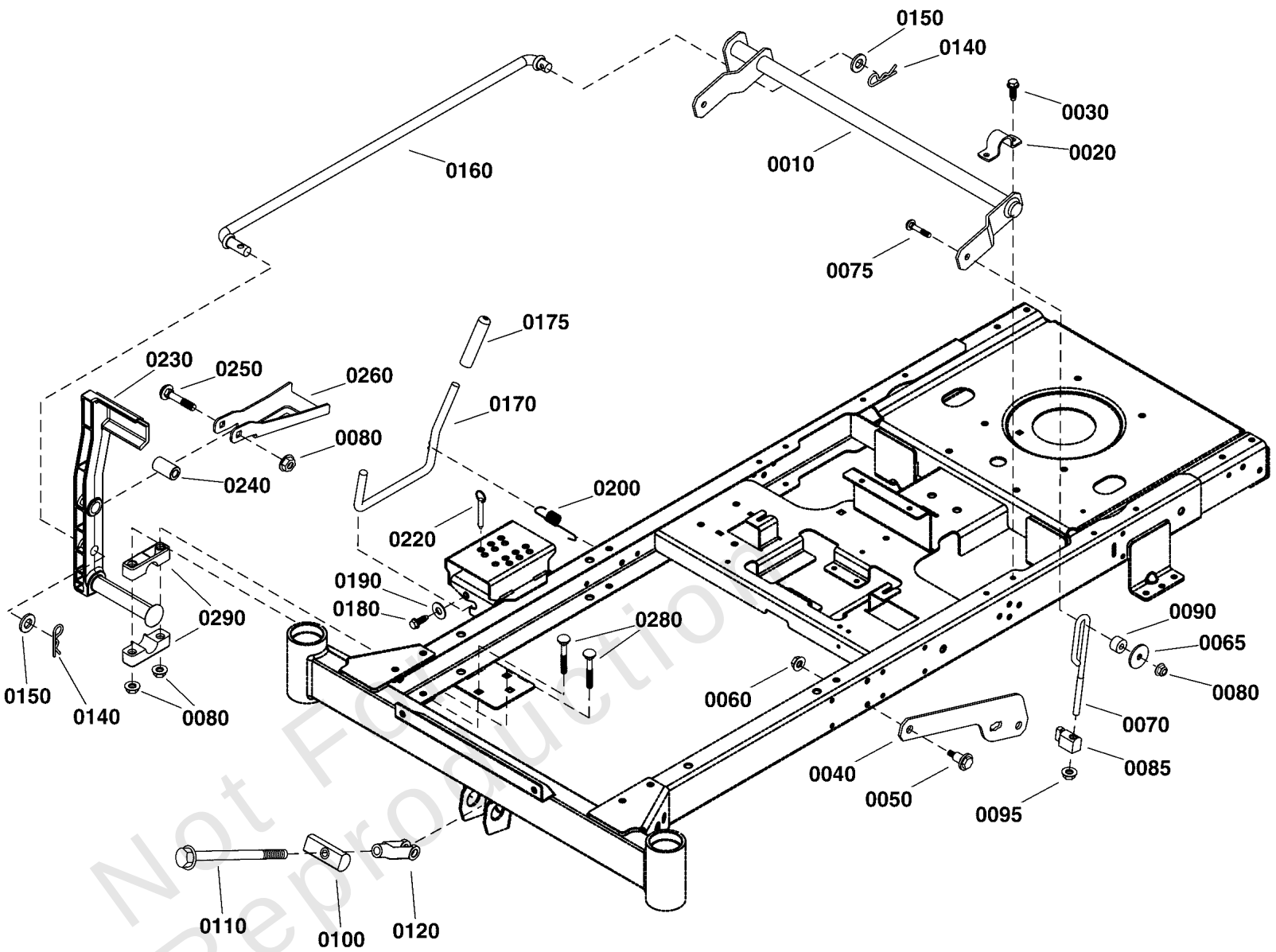
Lift Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691659-00



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Lift Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1757958AYP	1	SHAFT
0020	1720147BZYP	2	STRAP, 1 IN. DIA
0030	703949	4	SCREW, 5/16-18.625
0040	1757953AYP	2	ARM, Lift
0050	1732426SM	2	BOLT-SHLDR 5/16-18 0.
0060	703115	2	NUT
0065	5025305SM	2	WASHER, .41 X 1.75 X
0070	84003818	2	ROD, Lift
0075	703406	2	CAPSCREW,3/8-16X1.5
0080	703158	7	NUT, Hex Flange, 3/8-16
0085	84003820	2	TRUNNION
0090	5100334SM	2	SPACER
0095	770225	2	NUT
0100	1757955YP	1	PIVOT
0110	1757954YP	1	ROD
0120	5023174SM	1	CLEVIS, 1/2-20, STEEL
0140	403162MA	2	PIN, Hair, 3/32 X 1.6
0150	5025281SM	2	WASHER, 5/8" SAE
0160	1758121YP	1	ROD
0170	5105717YP	1	ROD
0175	5021880SM	1	GRIP, FOAM
0180	703054	2	SCREW, 1/4-20X0.625
0190	5025288YP	2	WASHER, 1/4 FENDER
0200	1758283YP	1	SPRING, EXTENSION
0220	5103021YP	1	HITCH PIN, 3/8 X 2-1/
0230	1758232YP	1	PEDAL
0240	1756612YP	1	BUSHING, DIFF. LOCK
0250	7900009SM	1	RHSSNB, 3/8-16 X 2-1/
0260	1758284AYP	1	BRACKET
0280	1960615SM	4	BOLT-RD HD SQ NK 3/8
0290	5100634SM	4	PIVOT BLOCK, PLASTIC

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Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

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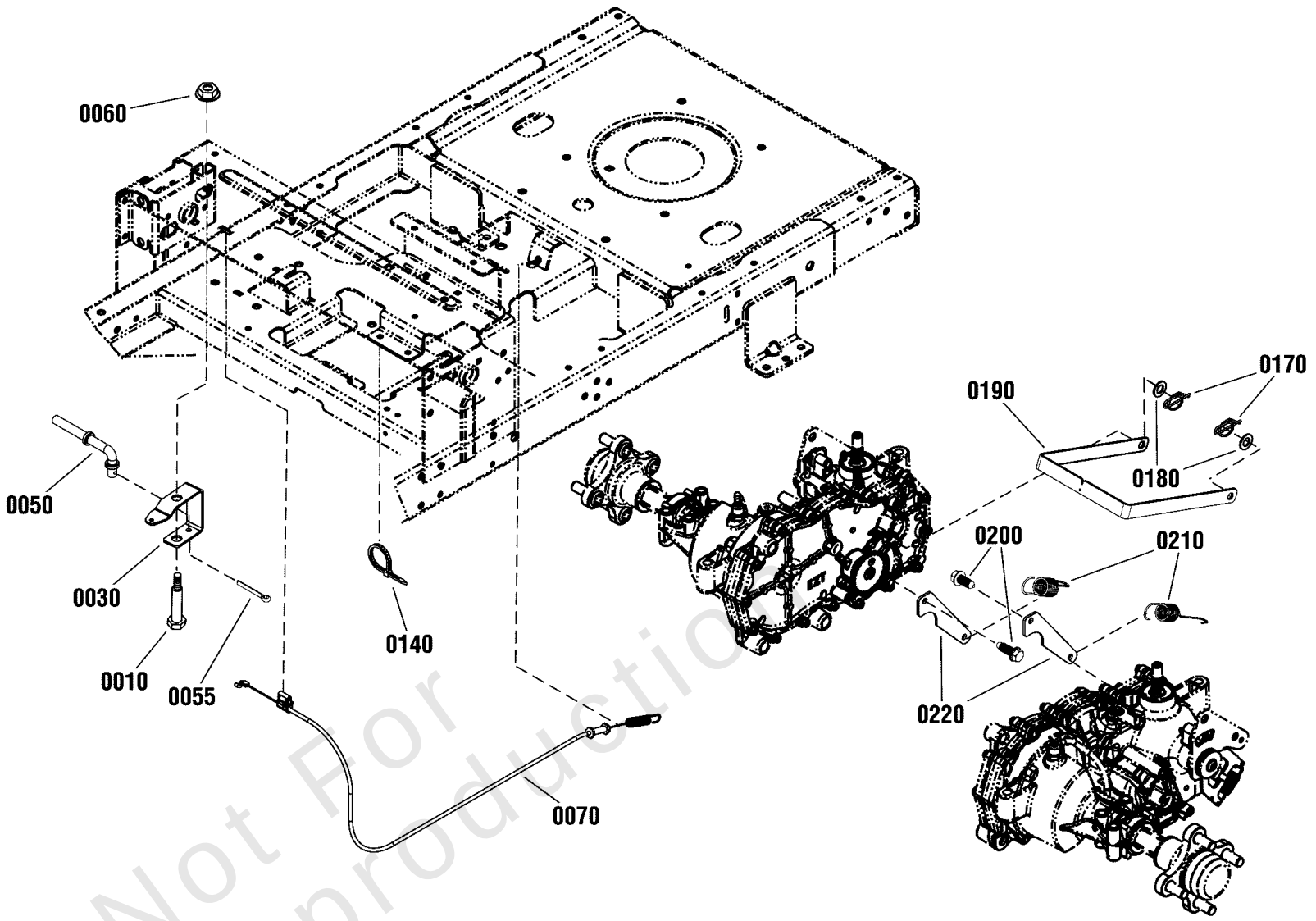

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Parking Brake Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1736539YP	1	BOLT, SHOULDER
0030	1758091YP	1	BELLCRANK, Parking Brake
0050	84004366	1	ROD, Parking Brake
0055	703312	1	PIN, COTTER, 3/32X.75
0060	703158	1	NUT, Hex Flange, 3/8-16
0070	1759207YP	1	CABLE, PARKING BRAKE
0140	703586	1	TIE, SELF LOCKING
0170	7091594SM	2	COTTER PIN, 1/2 SELF,
0180	703946	2	WASHER, .39IDX.72OD
0190	1758126AYP	1	ARM, Parking Brake
0200	708964	2	SCREW
0210	1758283YP	2	SPRING, EXTENSION
0220	1759349YP	2	BRACKET, Spring

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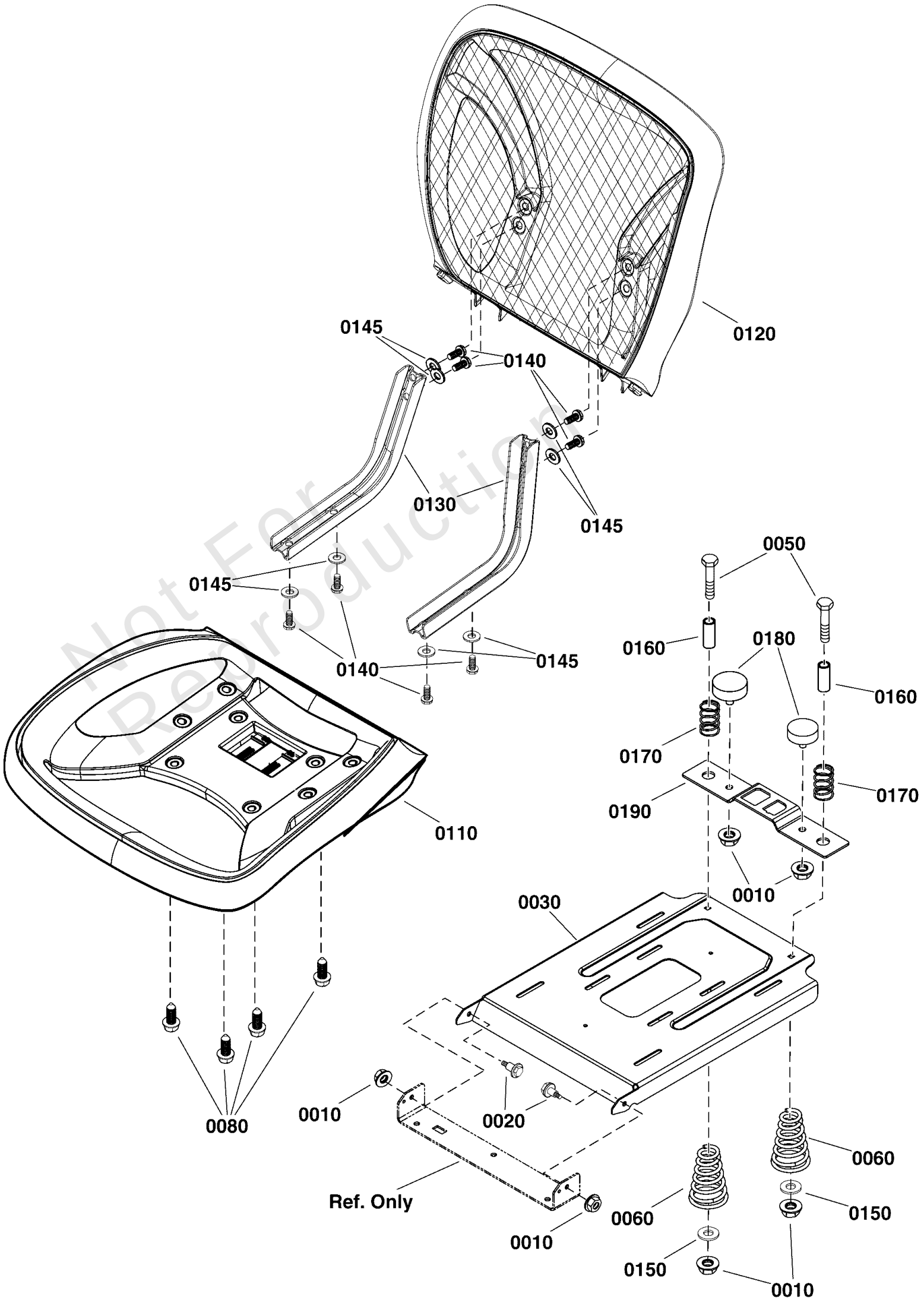
Mfg. No: 2691659-00



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Seat Group

REF NO	PART NO	QTY	DESCRIPTION
0010	703115	6	NUT
0020	1752802YP	2	BOLT, SHLDR, 5/16-18
0030	84001619	1	SLIDE, Seat
0050	704421	2	SCREW, 5/16 X 2.25
0060	1717051SM	2	SPRING, Seat
0080	1960667SM	4	SCREW-HEX WZ LOCK FLN
0110	1738013YP	1	SEAT, Mesh Bottom
0120	1738014YP	1	SEAT, Mesh Back
0130	1737848AYP	2	SUPPORT, Mesh Seat, R.H.
0140	1930591SM	8	CAPSCREW, Hex Head, Flange Whiz Lock, 5/16-18 x 3/4
0145	5025170SM	8	WASHER, 5/16" LOCK
0150	703878	2	WASHER, FLAT
0160	5041931SM	2	SPACER, .38 X .50 X 1
0170	1756196YP	2	SPRING, Compression
0180	1726390SM	2	BUMPER, Rubber
0190	1759143AYP	1	BRACKET, Seat Switch
--	708733	2	TIE, Cable 1/4 -(Not Shown)

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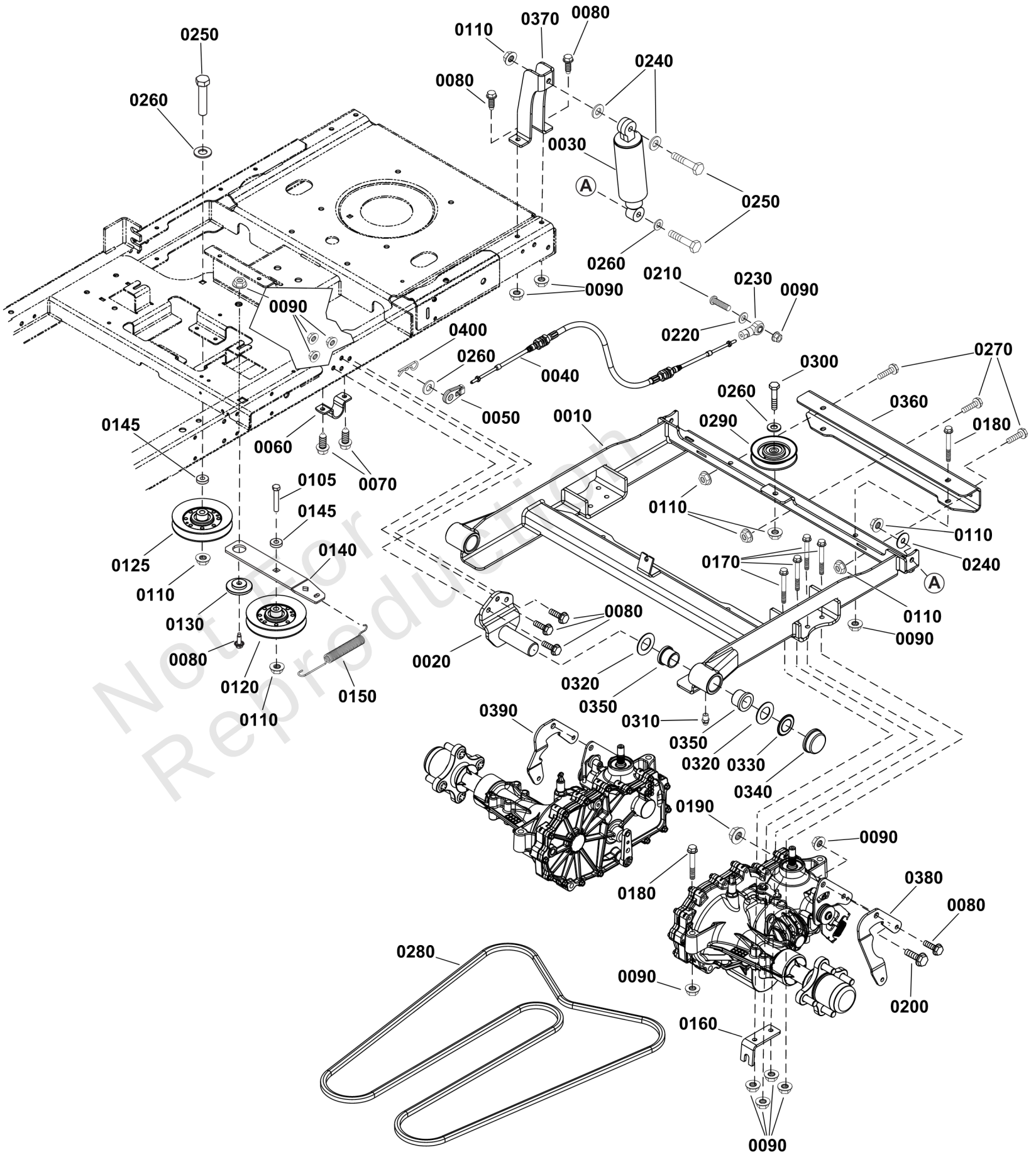
Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691659-00



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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, 1 IN. DIA
0070	703228	4	SCREW, 5/16-18 X .75
0080	1960667SM	13	SCREW-HEX WZ LOCK FLN
0090	703115	27	NUT
0105	703872	1	SCREW
0110	703158	10	NUT, Hex Flange, 3/8-16
0120	1759212YP	1	PULLEY
0125	5103456YP	1	PULLEY-IDLER-V, 4.85OB, .38ID
0130	1727935SM	1	SPACER-PIVOT 0.330ID
0140	1761878AYP	1	ARM, IDLER
0145	5044960SM	2	SPACER, .39 X 1.00 X
0150	1758045YP	1	SPRING-EXTENSION
0160	1758822AYP	2	MOUNT, Cable
0170	707943	8	SCREW
0180	707944	4	SCREW, Washer Head, 5/16-18 X 2 1/4
0190	1930650SM	2	NUT-HEX FLANGE 7/16-1
0200	1960043SM	2	SCREW-HEX WZ LOCK FLN
0210	703172	2	SCREW
0220	703350	2	WASHER
0230	5101801YP	2	JOINT-BALL
0240	5025165SM	6	WASHER, 3/8" FENDER
0250	5025013X14SM	5	BOLT, 3/8-16 X 1-3/4"
0260	703590	6	WASHER, FLAT, .406
0270	704038	3	SCREW
0280	885714YP	1	BELT, DECK
0290	885482YP	1	PULLEY, DECK IDLER
0300	703872	1	SCREW
0310	703907	2	ZERK, FITTING, 1/4
0320	703199	4	WASHER, 1
0330	703200	2	PUSHNUT
0340	094618MA	2	HUB CAP
0350	1758717YP	4	BUSHING
0360	1759163CYP	1	SUPPORT, Transmission
0370	1758778CYP	2	MOUNT, Rear Shock
0380	1759021AYP	1	ARM
0390	1759022AYP	1	ARM
0400	703300	2	PIN, 3/32 X 1.6
0410	703878	2	WASHER, FLAT

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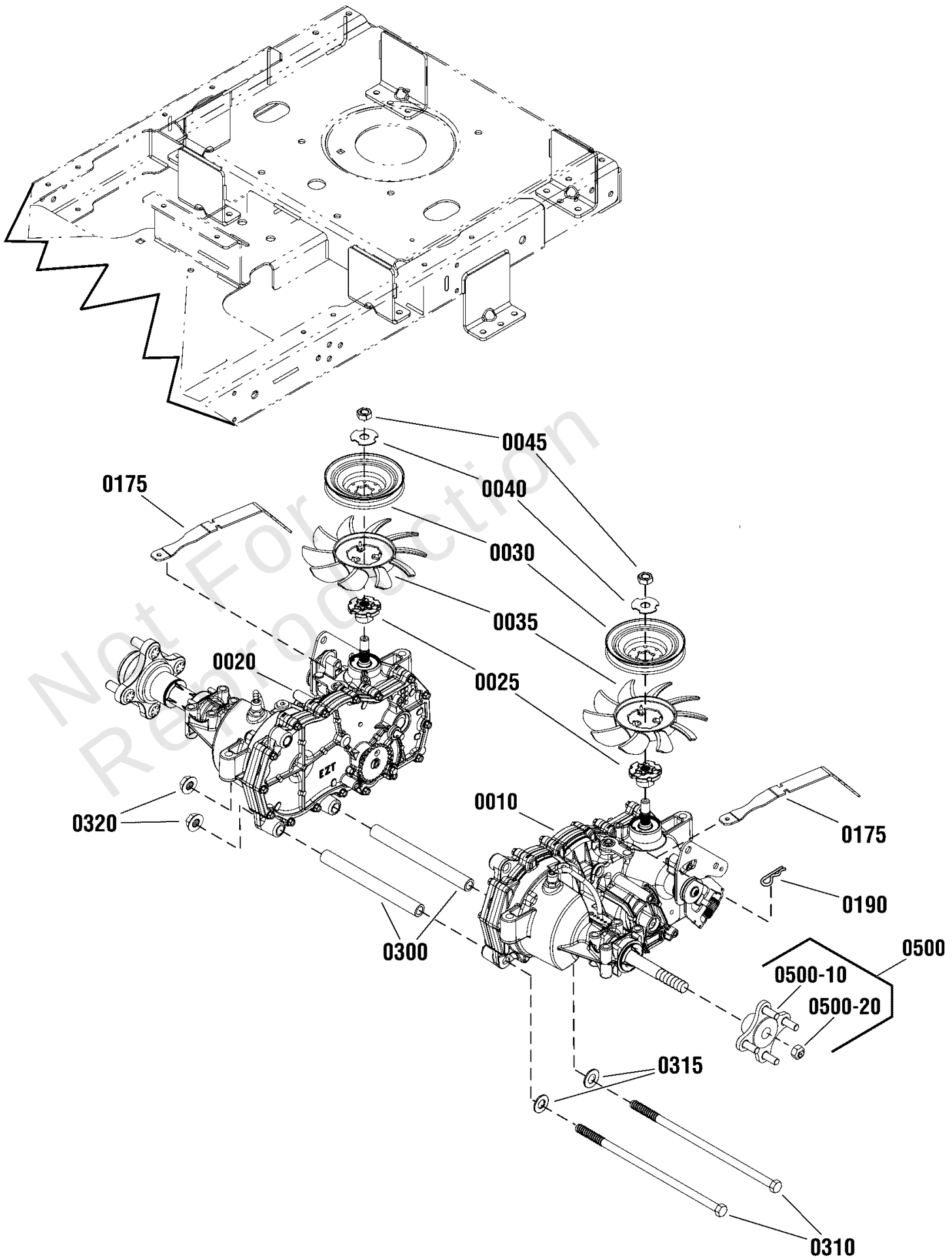
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691659-00



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Transmission Group

REF NO	PART NO	QTY	DESCRIPTION
0010	84008002	1	TRANSAXLE -(Left side)(Refer to Note: *)
0020	84007995	1	TRANSAXLE -(Right side)(Refer to Note: *)
0025	1759450YP	2	SPACER
0030	1759447YP	2	PULLEY, Transmission
0035	1759449YP	2	FAN, Input
0040	5102914YP	2	WASHER, ZT5400, SLOTT
0045	5102916YP	2	NUT, ZT5400
0175	1759654AYP	2	Valve, Tow
0190	1722460SM	2	PIN, Hair
0300	1759392YP	2	SPACER, Transmission
0310	707945	2	CAPSCREW, HexHead, 7/16-14 X 11 1/4
0315	703183	6	WASHER, 7/16 ID X.065
0320	1930650SM	4	NUT-HEX FLANGE 7/16-1
0500	7600158YP	1	KIT, Hub Replacement -(Includes Ref. 0500-10 & 0500-20)
0500-10	-----	1	HUB, EZT Transmission
0500-20	-----	1	NUT, EZT Transmission

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Footnotes:

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

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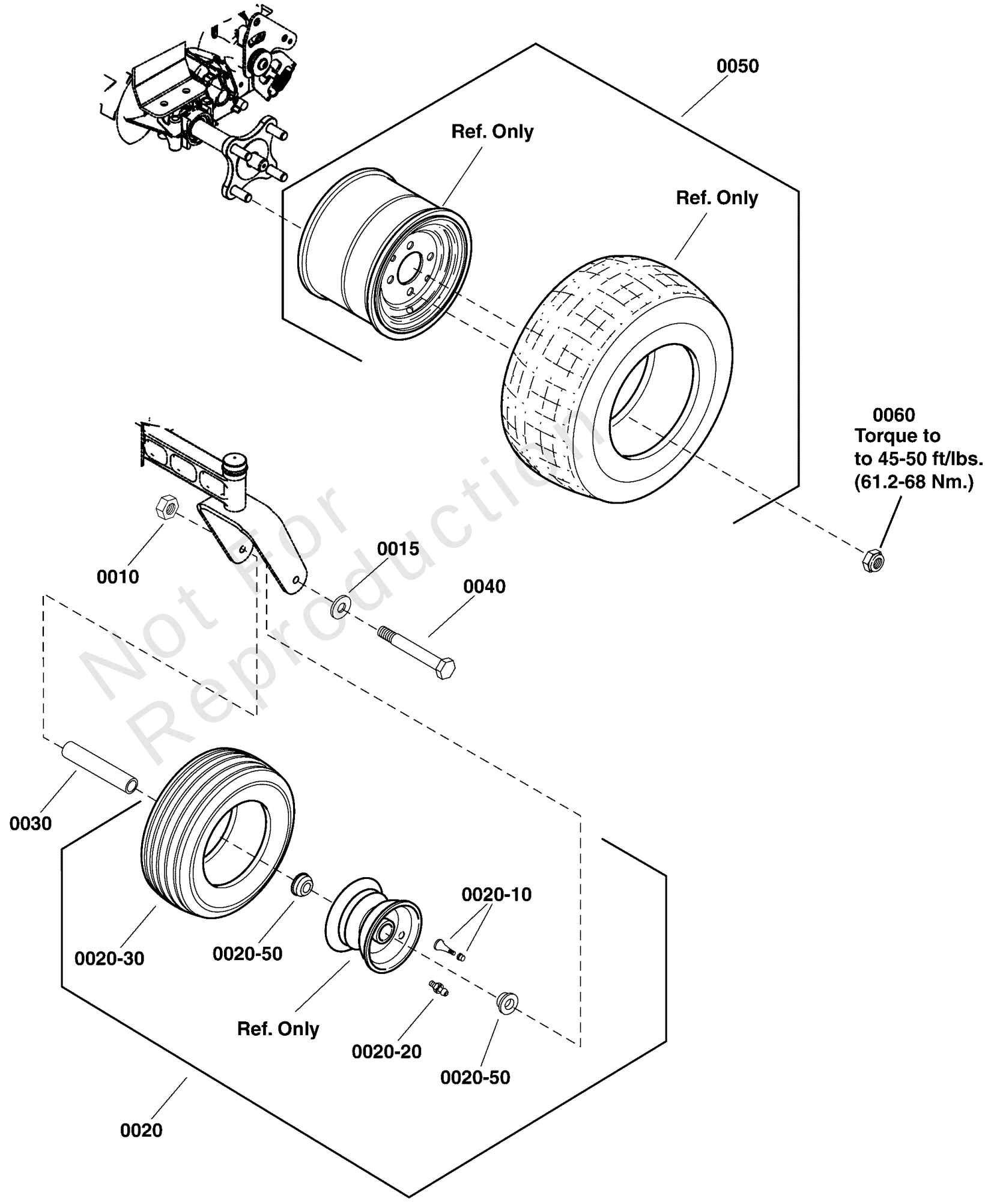
Mfg. No: 2691659-00



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Wheel & Tire Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1930650SM	2	NUT-HEX FLANGE 7/16-1
0015	703183	2	WASHER, 7/16 ID X.065
0020	84003826	2	WHEEL ASSEMBLY
0020-10	7012234SM	1	VALVE STEM & CAP, Air .453 Dia 0.88 Long
0020-20	7104428YP	2	ZERK, Grease
0020-30	84004709	2	TIRE
0020-50	84003829	4	BEARING, BALL
0030	1734841SM	2	SPACER - CASTER
0030	84003827	2	TUBE, Caster Wheel
0040	84003828	2	CAPSCREW
0050	1759585YP	2	ASSEMBLY, Wheel Rear, 20 X 10-8
0060	5020601SM	8	NUT, 1/2-20, FOR WHEEL BOLT SILVER

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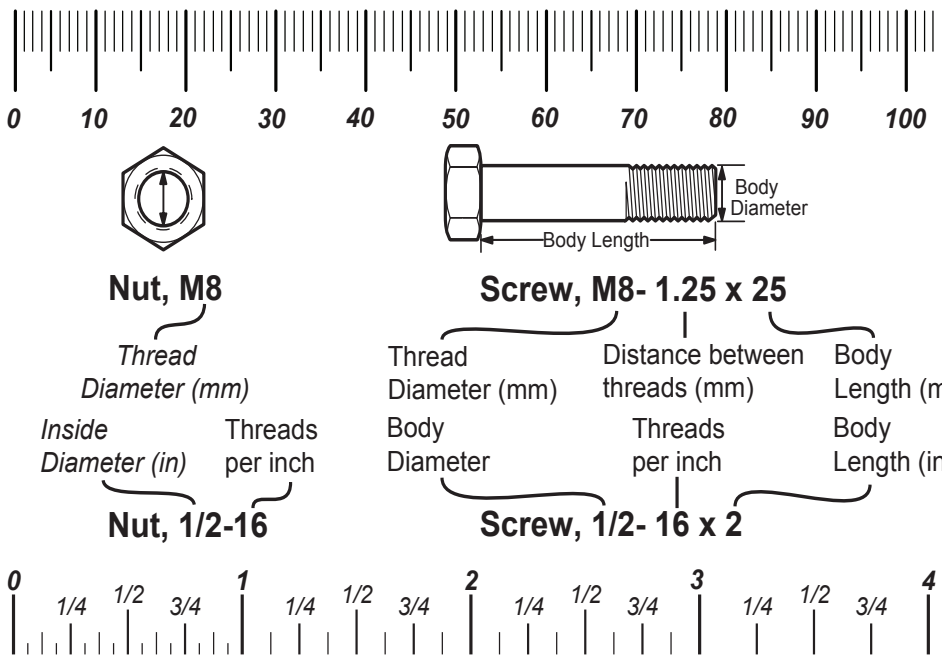
Hardware Identification & Torque Specifications

Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)

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

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



Standard Hardware Sizing

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

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

Torque Specification Chart

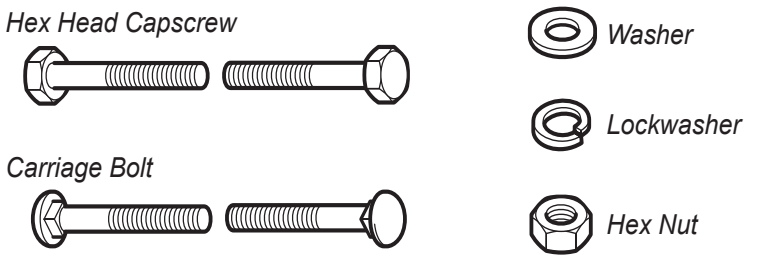
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

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

NOTES

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

Common Hardware Types



Wrench & Fastener Size Guide

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—22 mm

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