



Parts Manual

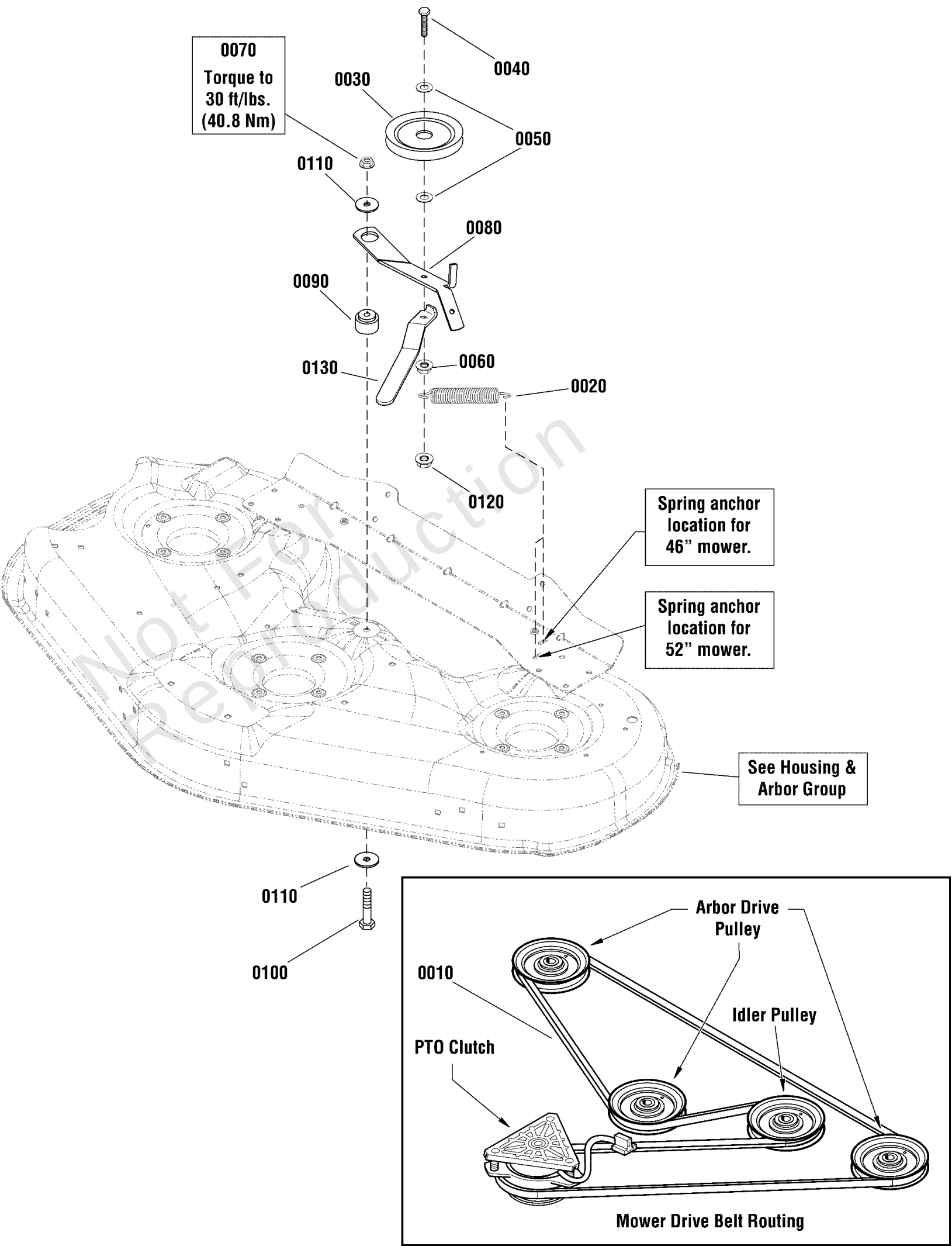
Mfg. No: 2690964-01
EVT20460, 20 Gross HP and 46" Mower
Deck

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46" Mower Deck - Clutch Group (2988064_2988702)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



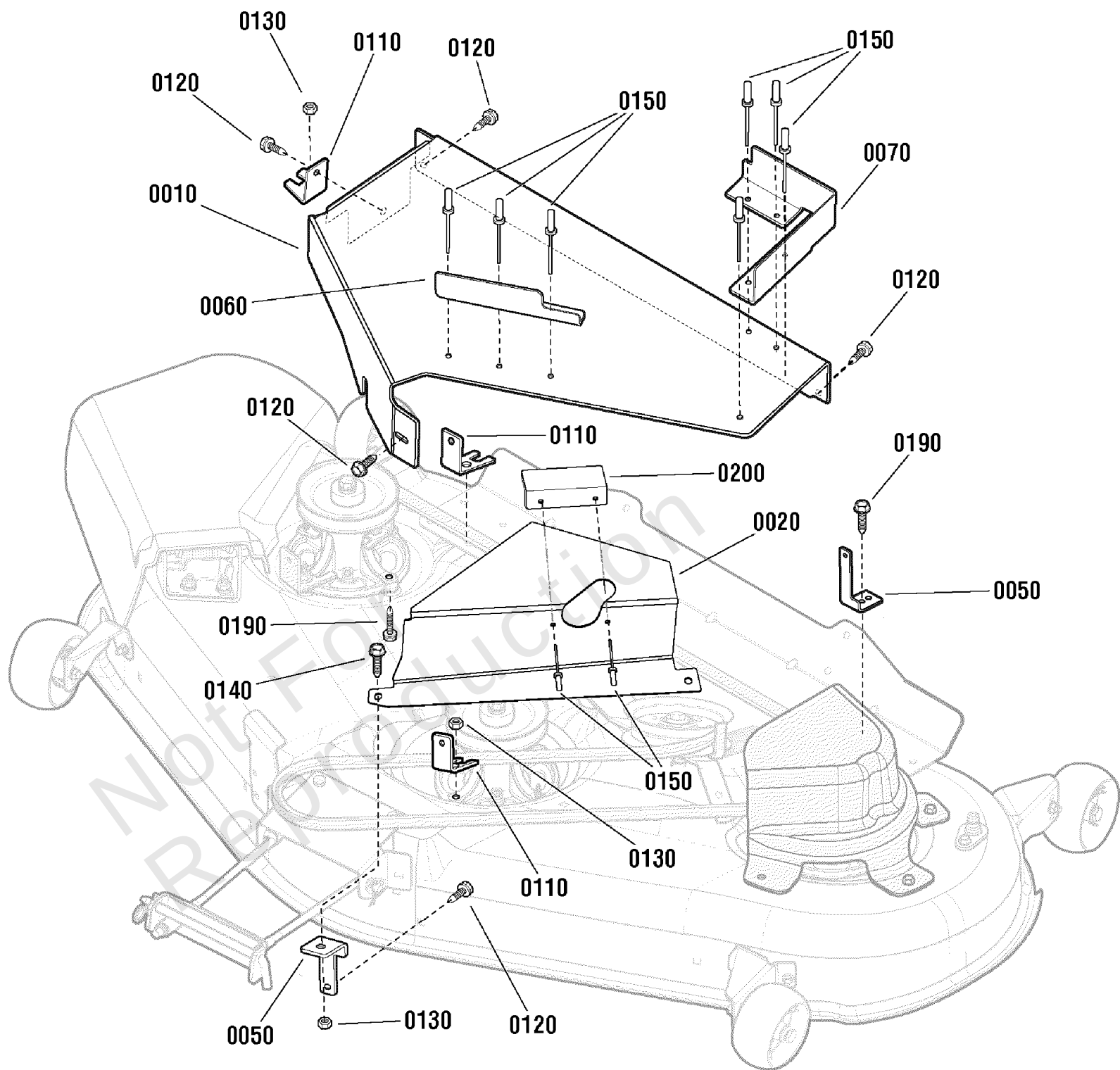
46" Mower Deck - Clutch Group (2988064_2988702)

REF NO	PART NO	QTY	DESCRIPTION
0010	1719911SM	1	V-BELT, 117"
0020	1715772SM	1	SPRING, Extension 5-1/4"
0030	1736540YP	1	PULLEY, Idler
0040	1933685SM	1	CAPSCREW, Hex Head, 3/8-16 x 2-1/2 G5
0050	1922755SM	2	WASHER, 3/8
0060	1931211SM	1	NUT, Hex Flange, Whiz Lock, 3/8-16
0070	1960339SM	1	NUT, Hex Flange, MAC Lock, 3/8-16
0080	1736551AYP	1	ARM, Idler
0090	1729007SM	1	SPACER, 3/8 ID x 1-1/2 OD x 1
0100	1923701SM	1	CAPSCREW, Hex Head, 3/8-16 x 2 G5
0110	1924356SM	2	WASHER, 3/8
0120	7091585SM	1	NUT, Center Lock Hex, 3/8C GR5
0130	1755653BMYP	1	ARM, Idler

46" Mower Deck - French Guard Group (2989560)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



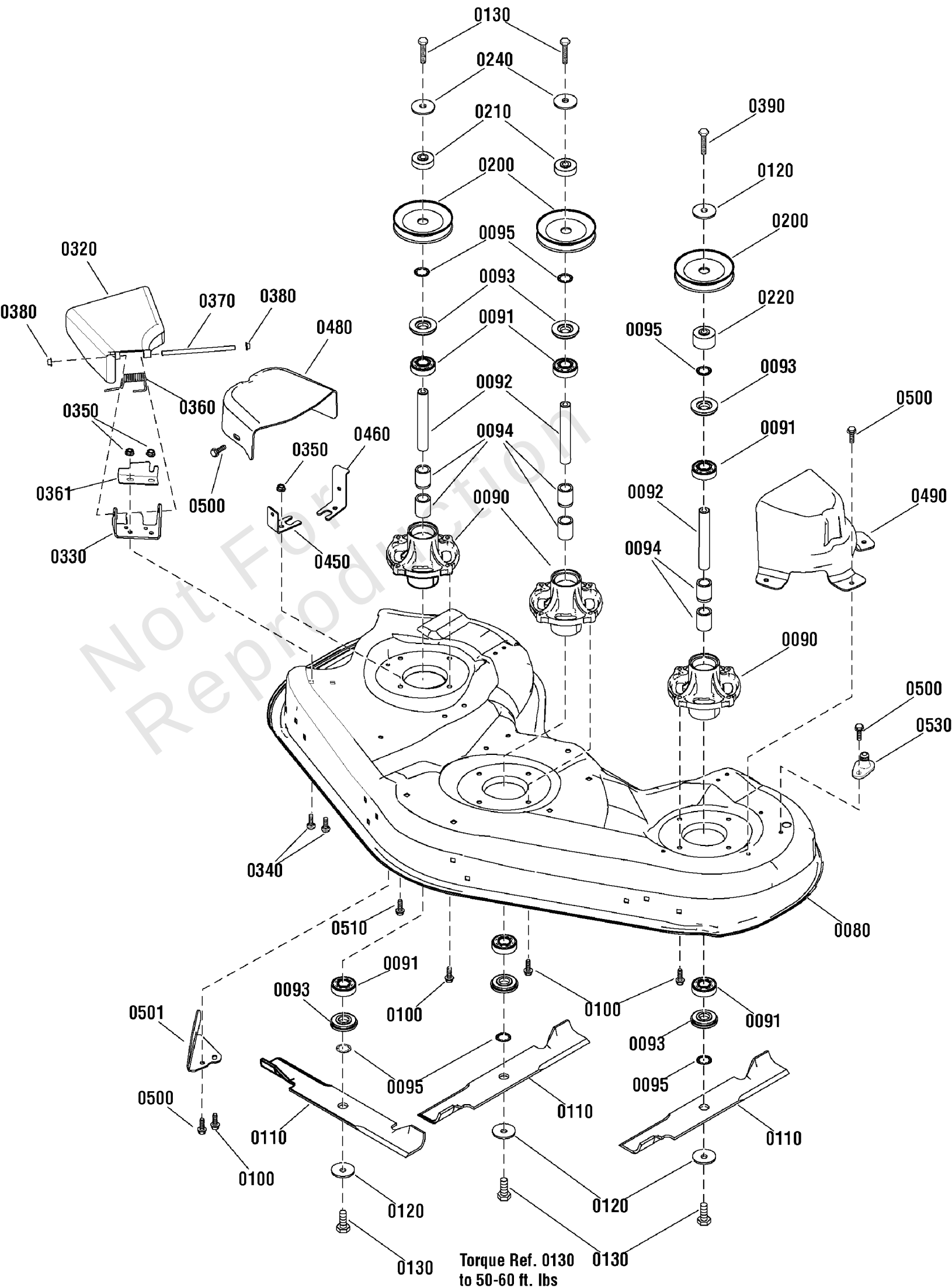
46" Mower Deck - French Guard Group (2989560)

REF NO	PART NO	QTY	DESCRIPTION
0010	1738752BMYP	1	GUARD, Cover
0020	1738753BMYP	1	GUARD, Belt
0050	1738756BMYP	2	BRACKET, Mounting, Guard
0060	1738757BMYP	1	GUARD, Rear
0070	1738758BMYP	1	GUARD, Rear
0110	1736518BMYP	3	BRACKET, Belt Cover, Front
0120	1924856SM	5	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
0130	1931277SM	3	NUT, Hex Flange, Whiz Lock, 5/16-18
0140	1925205SM	1	CAPSCREW, Hex Head, 5/16-18 x 5/8, G5
0150	1675044SM	9	RIVET-POP.188 .429L A
0190	1930600SM	2	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1-1/2
0200	1752296AYP	1	GUARD, Belt Cover

46" Mower Deck - Housing, Arbors & Blades Group (2990005)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



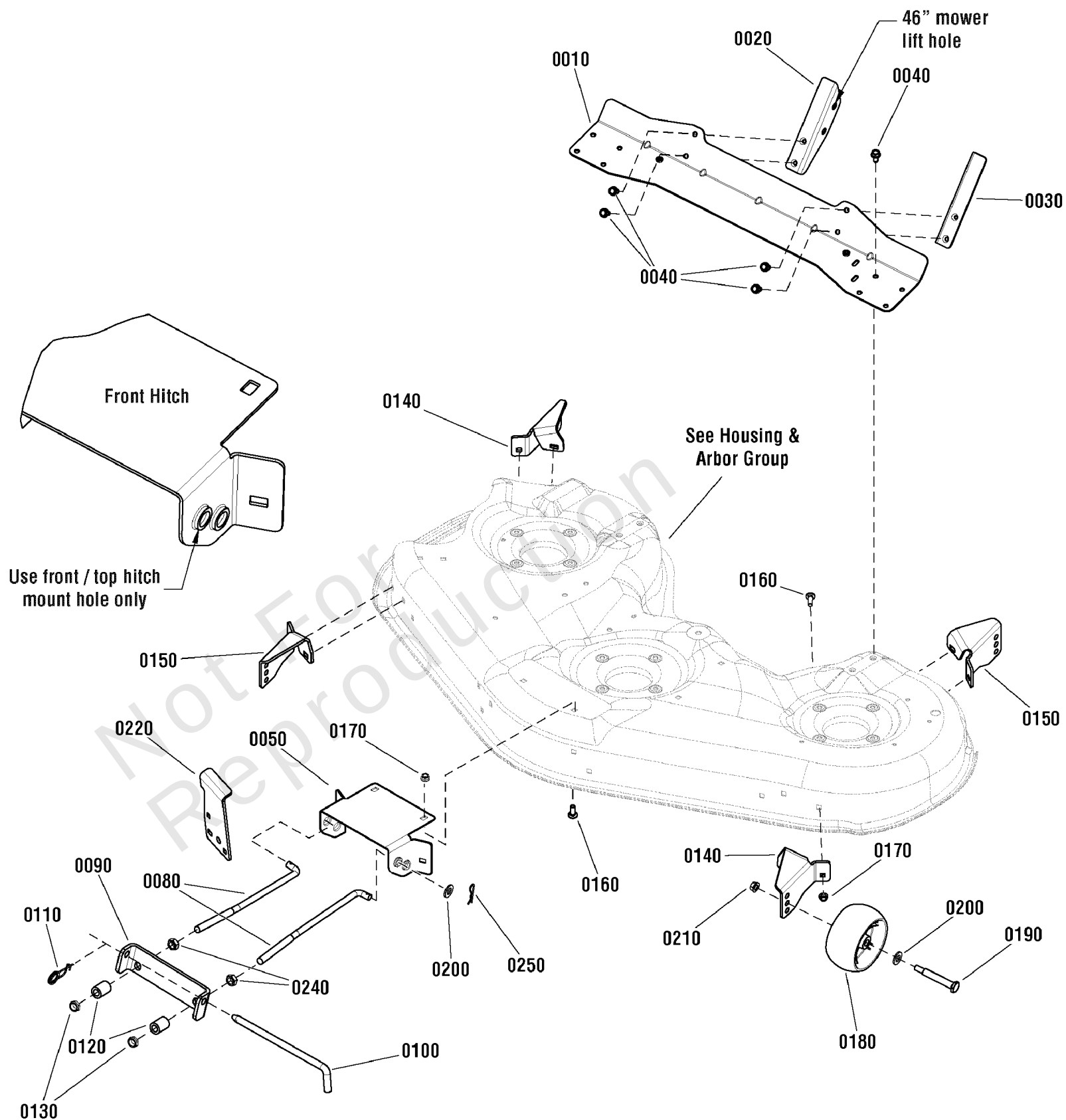
46" Mower Deck - Housing, Arbors & Blades Group (2990005)

REF NO	PART NO	QTY	DESCRIPTION
0080	1687611YP	1	HOUSING, 46"
0090	1735573YP	3	HOUSING, Spindle
0091	1735399YP	6	BEARING, Ball, 20mm
0092	1735326YP	3	SHAFT, Spindle
0093	1735323YP	6	SHIELD, Arbor
0094	1735328YP	6	SPACER, Bearing
0095	1960766YP	6	RING, SELF LOCKING
0100	1960373SM	10	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1
0110	1739889AYP	3	BLADE, MOWER
0120	1656916SM	4	WASHER, SPRING 0.475I
0130	1920676SM	5	CAPSCREW, Hex Head, 7/16-14 X 1
0200	1735686YP	3	PULLEY, Split, 4.6 OD
0210	1735579YP	2	SPACER, Lower Drive
0220	1736445YP	1	SPACER, Pulley
0240	1918199SM	2	LOCKWASHER, Spring
0320	1735447YP	1	DEFLECTOR
0330	1736365AYP	1	PIVOT, Hinge
0340	1931333SM	2	BOLT, Carriage, 5/16-18 x 3/4 G5
0350	1931277SM	4	NUT, Hex Flange Whiz Lock Small, 5/16-18
0360	1736364YP	1	SPRING, Torsion, Deflector
0361	1737359AYP	1	PLATE, Deflector Closeoff
0370	1736366YP	1	ROD, Deflector
0380	7012542YP	2	PUSHNUT, 5/16
0390	1923027SM	1	CAPSCREW, Hex Head, 7/16-14 x 1-3/4 G5
0450	1736518AYP	1	BRACKET, Belt Cover, Front
0460	1736519AYP	1	BRACKET, Belt Cover, Rear
0480	1735752YP	1	COVER, Belt, R.H.
0490	1735750YP	1	COVER, Belt, L.H.
0500	1664847SM	7	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
0501	1737279AYP	1	BAFFLE, Pinchoff
0510	1930600SM	2	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1-1/2
0520	1736898YP	1	CONNECTOR, Washout Port
0530	1735716YP	1	ADAPTER, Washout Port

46" Mower Deck - Mower Support Group (2988072)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



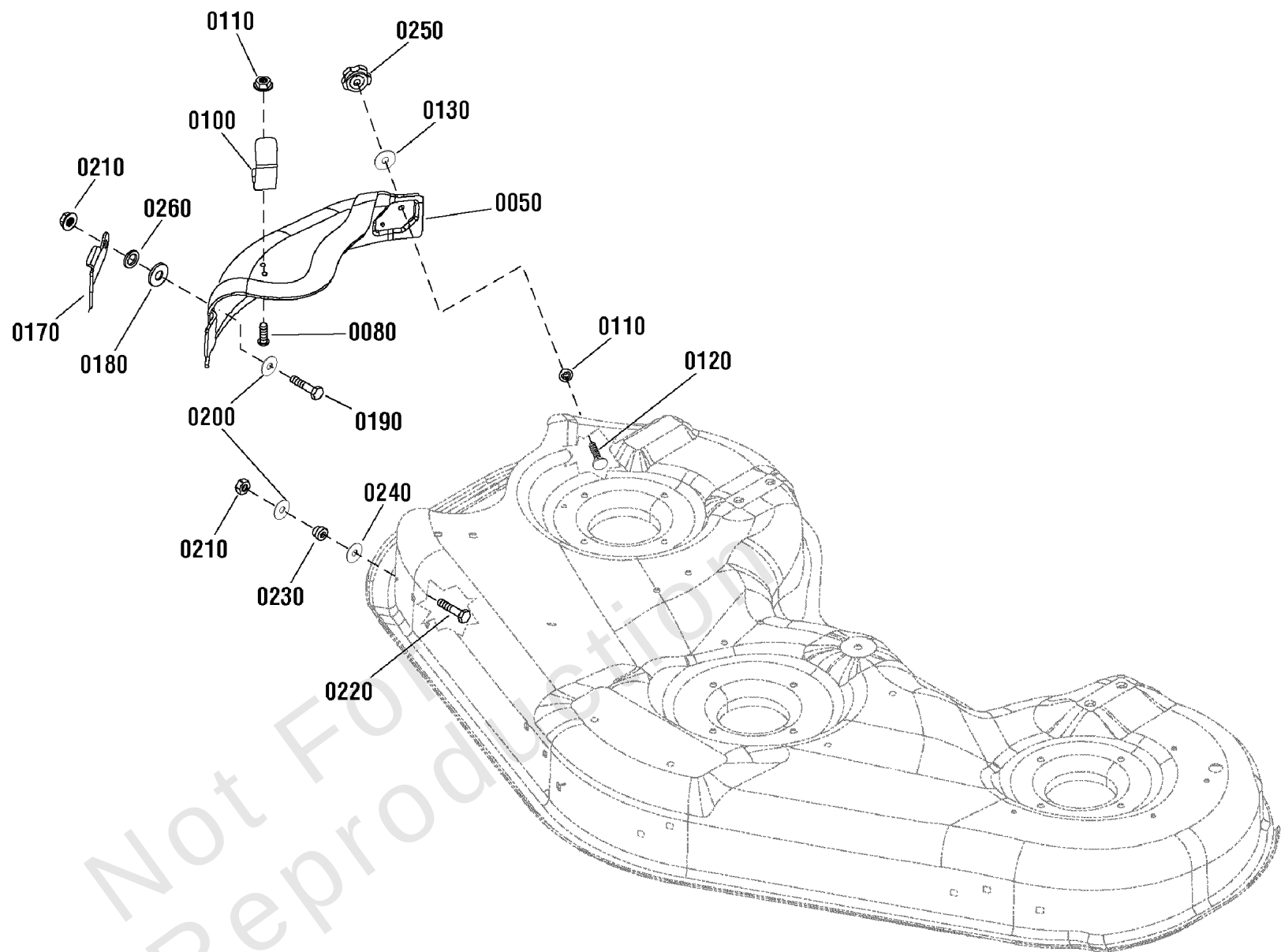
46" Mower Deck - Mower Support Group (2988072)

REF NO	PART NO	QTY	DESCRIPTION
0010	1736070AYP	1	SUPPORT, Rear Cross
0020	1736072AYP	1	BRACKET, Rear Mower Pickup
0030	1736073AYP	1	BRACKET, Rear Mower Pickup
0040	1664847SM	8	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
0050	1736071AYP	1	HITCH, Front
0080	1736081YP	2	ROD, Front Bail
0090	1737059AYP	1	HANGER, Front Mower
0100	1731414SM	1	ROD, Latch
0110	2176012SM	1	RETAINER, Pin Spring
0120	1679166SM	2	SPACER, 1/2 x 7/8 x 1 3/16
0130	1960379SM	2	NUT, Hex Lock, 1/2-13
0140	1736074AYP	2	BRACKET, Gauge Wheel, RH
0150	1736075AYP	2	BRACKET, Gauge Wheel, LH
0160	1931334SM	11	BOLT, Carriage, 5/16-18 x 7/8 G5
0170	1931277SM	13	NUT, Hex Flange, Whiz Lock, 5/16-18
0180	1736896YP	4	WHEEL, GAUGE
0190	1736539YP	4	BOLT, SHOULDER
0200	1960170SM	6	WASHER, 1/2
0210	1960687SM	4	NUT, Hex Flange, ESNA, 3/8-16
0220	1736991AYP	1	UP STOP
0240	1913744SM	2	NUT, Hex Jam, 1/2-13
0250	1960074SM	2	CLIP, HAIR PIN .093DI
0260	1931333SM	2	BOLT, Carriage, 5/16-18 x 3/4 G5

46" Mower Deck - Mulching Group (2988876)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



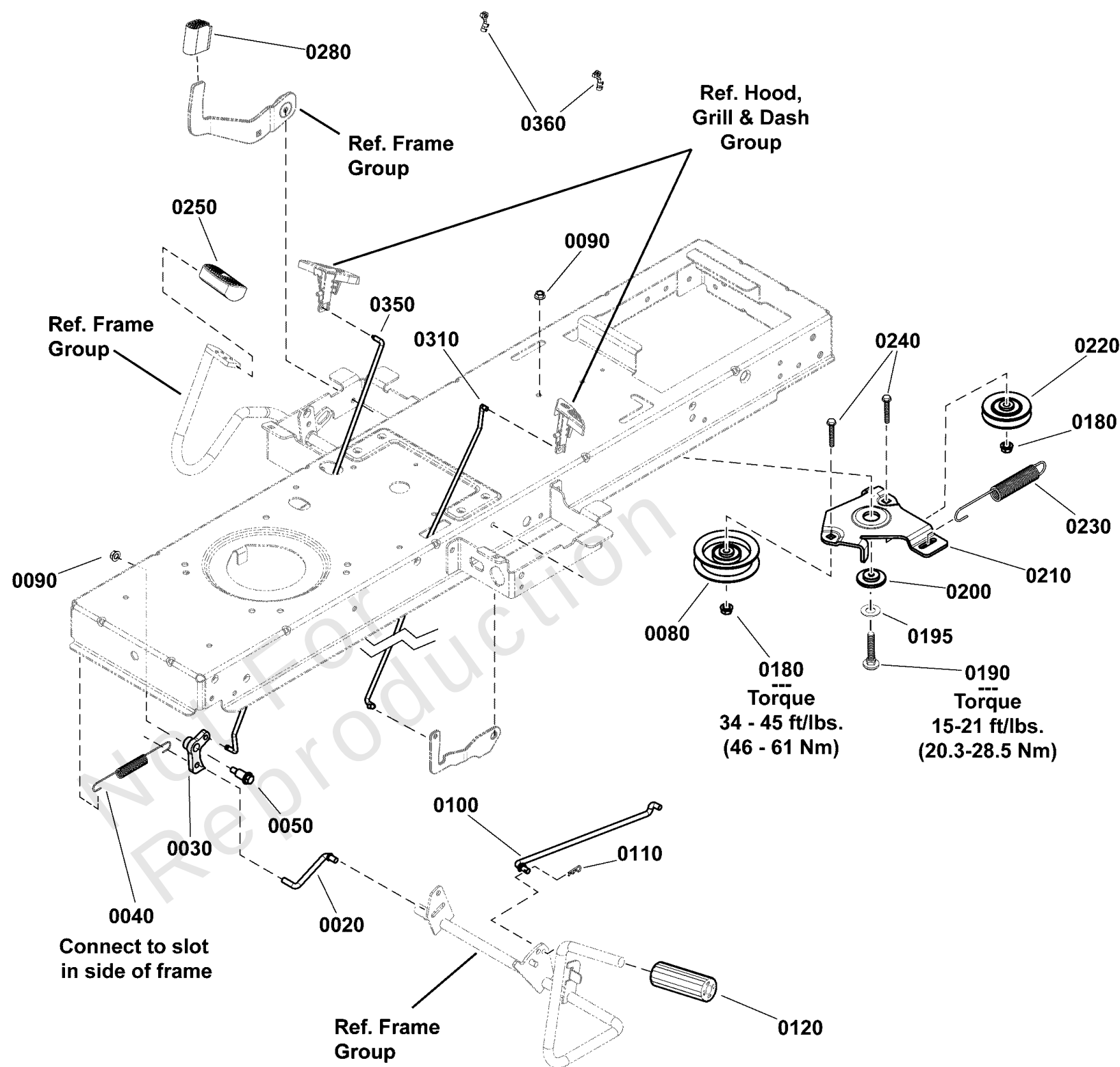
46" Mower Deck - Mulching Group (2988876)

REF NO	PART NO	QTY	DESCRIPTION
0050	1734777YP	1	COVER, Mulching
0080	1960252SM	2	BOLT-RD HD SH SQ NK 1
0100	1737381AYP	1	BRACKET, Stop
0110	1960685SM	3	NUT, Hex, KEPS, 1/4-20
0120	1960698SM	1	BOLT, Carriage, 1/4-20 x 1 G5
0130	7091627YP	1	WASHER, FLAT
0170	1737765AYP	1	LATCH, Boot
0180	1708511SM	1	SPACER, 5/16 ID x 1 OD x 1/4
0190	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0200	1960044SM	2	WASHER-0.312(0.33IDX1
0210	1960686SM	2	NUT, Hex Flange, ESNA, 5/16-18
0220	1960223SM	1	BOLT-RD HD SH SQ NK 5
0230	1723244SM	1	SPACER, Pivot
0240	1919384SM	1	WASHER-0.375(0.44IDX1
0250	1738295YP	1	KNOB, ESNA, 1/4-20
0260	7026257MA	1	WASHER, Wave

Controls Group (2986842)

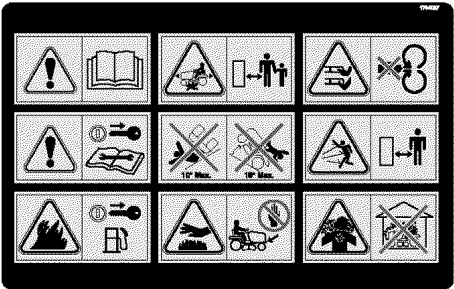
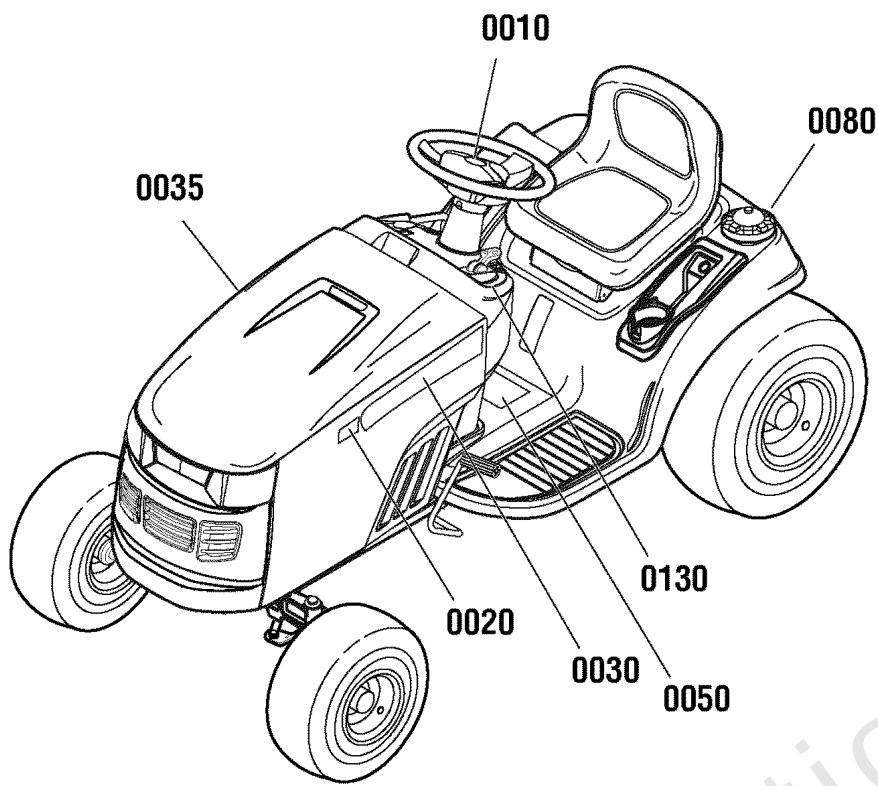
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01

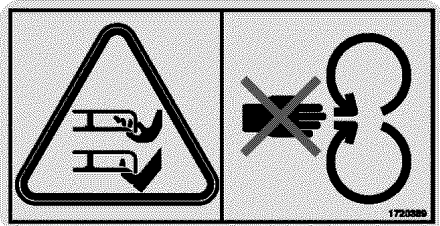


Controls Group (2986842)

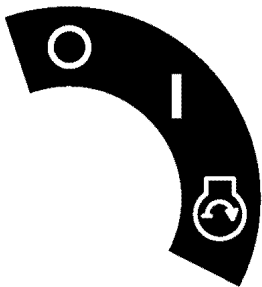
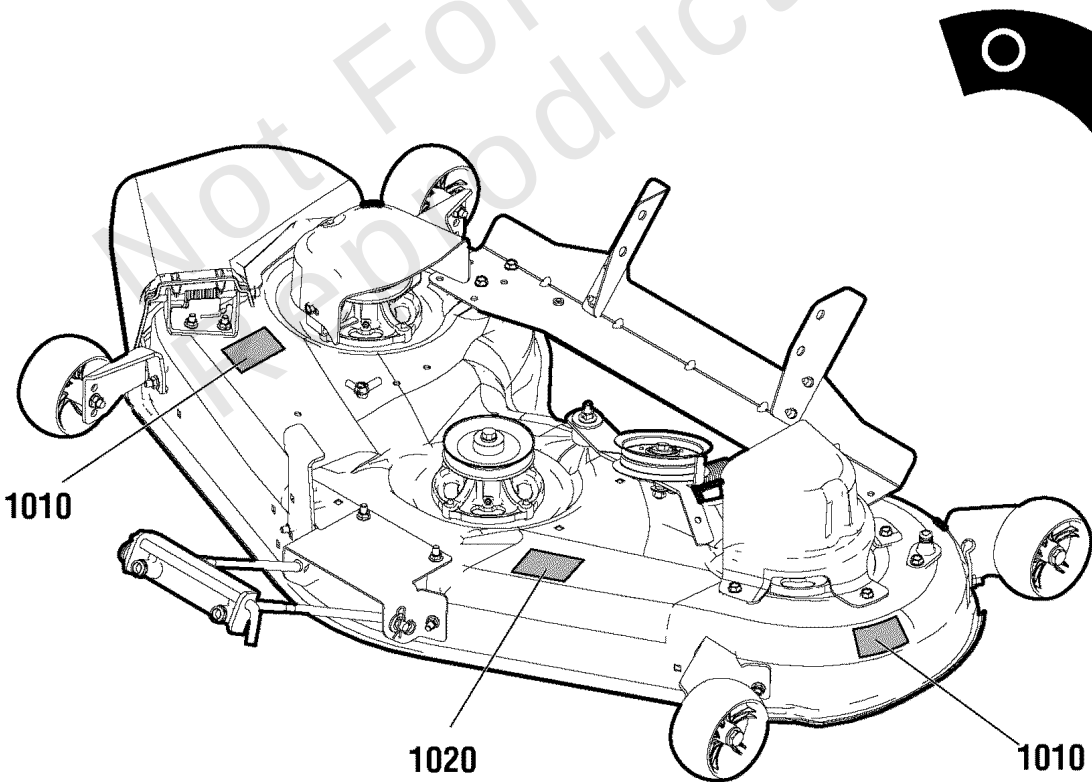
REF NO	PART NO	QTY	DESCRIPTION
0020	1727899SM	1	ROD, Cruise Latch, 2-7/8"
0030	1727897SM	1	LATCH, Cruise
0040	2159181SM	1	SPRING, Extension, 7-3/4
0050	1728976SM	1	BOLT, Shoulder, 5/16-18 x 1-5/8
0080	1728000SM	1	PULLEY, Idler
0090	703115	2	NUT
0100	1727254SM	1	ROD, Brake Return, 12-5/8"
0110	1722460SM	1	PIN, Quick
0120	1727261SM	1	PEDAL-BRAKE BLACK RUB
0180	1960687SM	2	NUT, Hex Flange, ESNA, 3/8-16
0190	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0195	1919326SM	1	WASHER, 5/16
0200	1727935SM	1	SPACER-PIVOT 0.330ID
0210	1727894ASM	1	BRACKET, Idler
0220	1728001SM	1	PULLEY, 3"
0230	1729620SM	1	SPRING, Extension, 7-1/2
0240	1931352SM	2	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
0250	1721675SM	1	PAD, Foot Pedal Forward
0280	1727259SM	1	PAD, Foot Pedal Reverse
0310	1727267SM	1	ROD, Parking Brake, 16-3/8"
0350	1738760YP	1	ROD, Cruise, 17"
0360	1728111SM	2	CLIP, Linkage



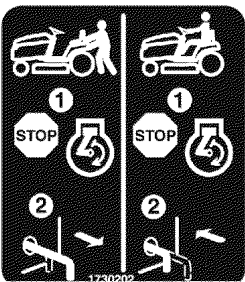
0050



1010



0130



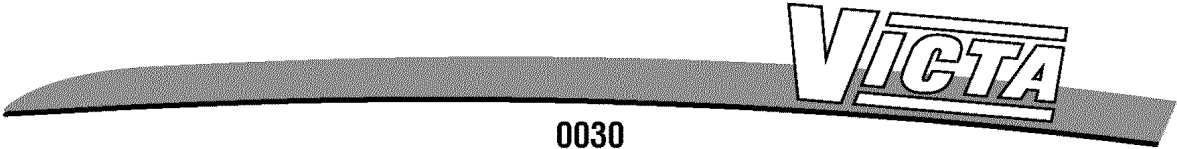
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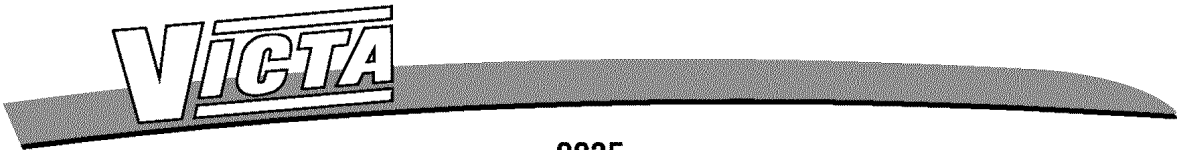
0010



0020



0030



0035

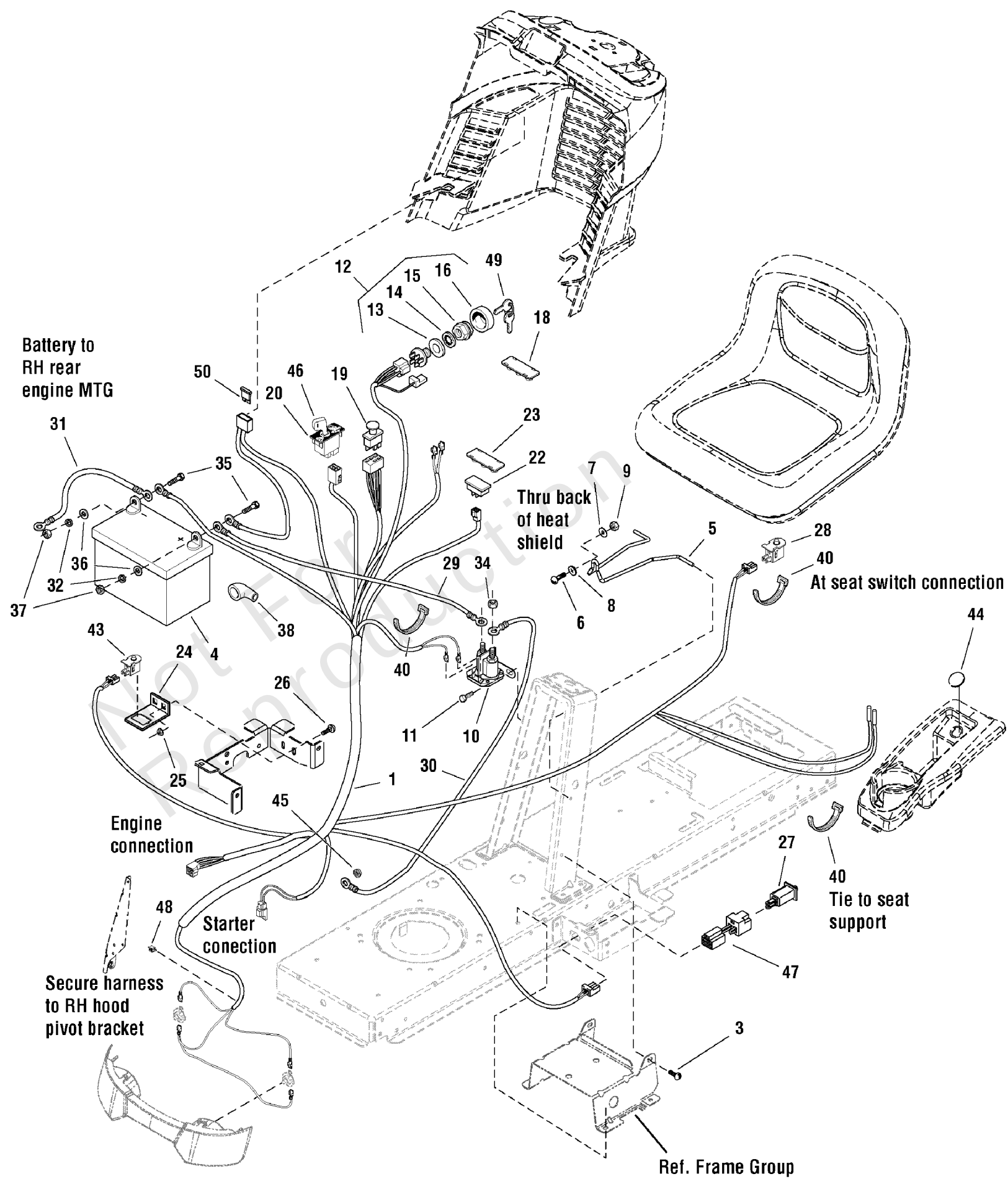
Decals Group (2989550_2989551_2989882)

REF NO	PART NO	QTY	DESCRIPTION
0010	1750742YP	1	DECAL, Logo, Steering Wheel
0020	1751967YP	1	DECAL, EVT175460
0020	1751968YP	1	DECAL, EVT20460
0030	1750740YP	1	DECAL, Hood, LH
0035	1750741YP	1	DECAL, Hood, RH
0050	1734027SM	1	DECAL, Tunnel
0080	1730202SM	1	DECAL, Transmission, Tow Release
0130	1722806SM	1	DECAL, Ignition Switch Symbols
1010	1720389SM	2	DECAL-DANGER ROTATING
1020	1752316YP	1	DECAL, Deck Width

Electrical Group (2988699)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



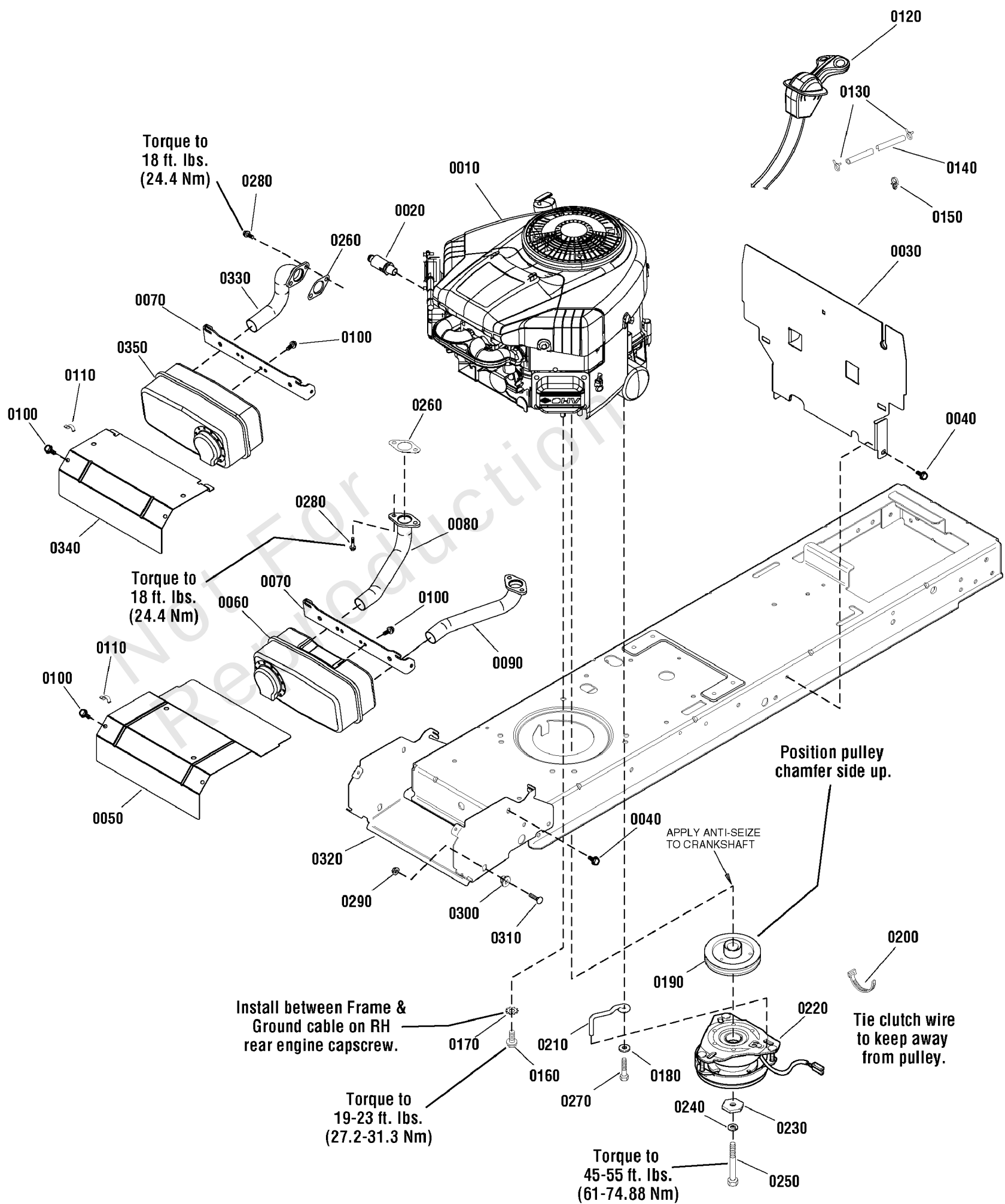
Electrical Group (2988699)

REF NO	PART NO	QTY	DESCRIPTION
1	1739597YP	1	WIRING HARNESS
3	1930601SM	4	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
4	1685215SM	1	BATTERY,12V
5	1730007SM	1	HOLD DOWN, Battery
6	1931318SM	1	BOLT, Carriage, 1/4-20 x 7/8 G5
7	1960353SM	1	WASHER, 1/4
8	1960518SM	1	PUSHNUT, 1/4
9	1920397SM	1	NUT, Hex Lock, ESNP Light, 1/4-20
10	1728963SM	1	SOLENOID
11	1925003SM	2	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2
12	1686734SM	1	IGNITION SWITCH -(Incl. Ref. No. 13, 14, 15, 16)
13	2101025SM	1	WASHER, 5/8
14	1960547SM	1	LOCKWASHER-INTERNAL
15	1717549SM	1	NUT, Hex Flange, 5/8-32
16	1717550SM	1	COVER, Switch
18	1729993SM	1	PLUG, Hour Meter
19	1722887SM	1	SWITCH-PTO PUSH
20	1726556SM	1	SWITCH, RMO Module Only
22	1716951SM	1	SWITCH, Headlight
23	1722611SM	1	PLUG-HOLE BLACK
24	1728026SM	1	SUPPORT, RMO Switch
25	1931277SM	2	NUT, Hex Flange Whiz Lock Small, 5/16-18
26	1931333SM	2	BOLT, Carriage, 5/16-18 x 3/4 G5
27	7022886YP	1	SWITCH, DP NO/NC SNAP
28	7023354YP	1	SWITCH, SEAT
29	1716549SM	1	CABLE-# 6 x 10"
30	1721830SM	1	CABLE,#6 x 25
31	1713163SM	1	CABLE-# 6 x 26
32	2816964SM	2	LOCKWASHER, 1/4
34	2860750SM	2	NUT-HEX KEPS 5/16-24
35	2823341SM	2	CAPSCREW, Hex Head, 1/4-20 x 3/4 G5
36	2821319SM	2	WASHER, 1/4
37	2816622SM	2	NUT, Hex, 1/4-20
38	1677296SM	1	BOOT,INSULATOR BATTER
40	1701011SM	3	TIE, Self Locking
43	1732004SM	1	SWITCH-PUSH BUTTON
44	1732007SM	1	PLUG, Hole
45	1960294SM	1	NUT, Hex Flange Whiz Lock Small, 1/4-20
46	1726557SM	2	KEY, RMO Module Plastic
47	1734025SM	1	WIRES & CONNECTORS ASSEMBLY, Jumper
48	2172434SM	1	CLIP- WIRE DIA .390
49	1737837YP	1	KEYS, Ignition
50	1731957SM	1	FUSE, Wiring Harness

Engine Group - 17.5 & 20 Gross HP (2988696_2988704)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



Engine Group - 17.5 & 20 Gross HP (2988696_2988704)

REF NO	PART NO	QTY	DESCRIPTION
0010	31G777-0144-B1	1	* ENGINE, 17.5 Gross HP Briggs & Stratton, Intek Single -(Engine Model: 31G777-0144-B1)
0010	406777-0170-B1	1	* ENGINE, 20 Gross HP Briggs & Stratton, Intek Twin -(Engine Model: 406777-0170-B1)
0010	406777-5121-B1	1	* ENGINE, 20 Gross HP Briggs & Stratton, Intek Twin -(Engine Model: 406777-5121-B1)
0020	1717473SM	1	VALVE, Shut Off Oil Drain
0030	1728058SM	1	HEAT SHIELD -(Single)
0040	1930601SM	4	SCREW, Hex Washer, Taptite, 5/16-18 x 5/8
0050	1727997SM	1	HEAD SHIELD -(Twin)
0060	1727994SM	1	MUFFLER, Twin
0070	1727976SM	1	SUPPORT, Muffler
0080	1727979SM	1	EXHAUST PIPE, R.H.
0090	1727980SM	1	EXHAUST PIPE, L.H.
0100	1925003SM	4	SCREW, Hex Washer, Taptite, 1/4-20 x 1/2
0110	2834683SM	1	WIRE CLIP
0120	1734504SM	1	THROTTLE CONTROL -(Single)
0120	1736868YP	1	THROTTLE CONTROL, Choke-A-Matic -(Twin)
0130	791850	2	CLAMP, Hose
0140	1734993SM	1	HOSE, Fuel, 55 in
0150	1730268SM	2	CLIP-Hose, Black
0160	2827187SM	2/3	SCREW, Hex Washer, Taptite, 3/8-16 x 1 -(2 used on 20 Gross HP Model, 3 used on 17.5 Gross HP model)
0170	2820427SM	1	LOCKWASHER, External Tooth
0180	1924940SMA	1	WASHER, 7/8
0190	1732576SM	1	PULLEY & HUB ASSEMBLY, Engine
0200	1701011SM	2	TIE, Self Locking
0210	1737421AYP	1	GUIDE, Belt
0220	1736105SM	1	CLUTCH, ELECTRIC
0230	1708264SM	1	WASHER, HEX, 0.453ID
0240	1918199SM	1	LOCKWSHER, Spring
0250	1960649SM	1	CAPSCREW, Hex Head, 7/16-20 x 3-1/2
0260	1731214SM	1/2	GASKET, Exhaust
0270	2828635SM	1/2	SCREW-HEX WSHR HD TAP
0280	690341	2/4	SCREW
0290	1931277SM	2	NUT, Hex Flange, 5/16-18
0300	1728086SM	2	PIVOT, Hood
0310	1931335SM	2	BOLT, Carriage, Short Neck, 5/16-18 x 1
0320	1727982SM	1	SUPPORT, Muffler
0330	1728959SM	1	EXHAUST PIPE
0340	1727996ASM	1	HEAT SHIELD
0350	1727993SM	1	MUFFLER, Briggs & Stratton, Single

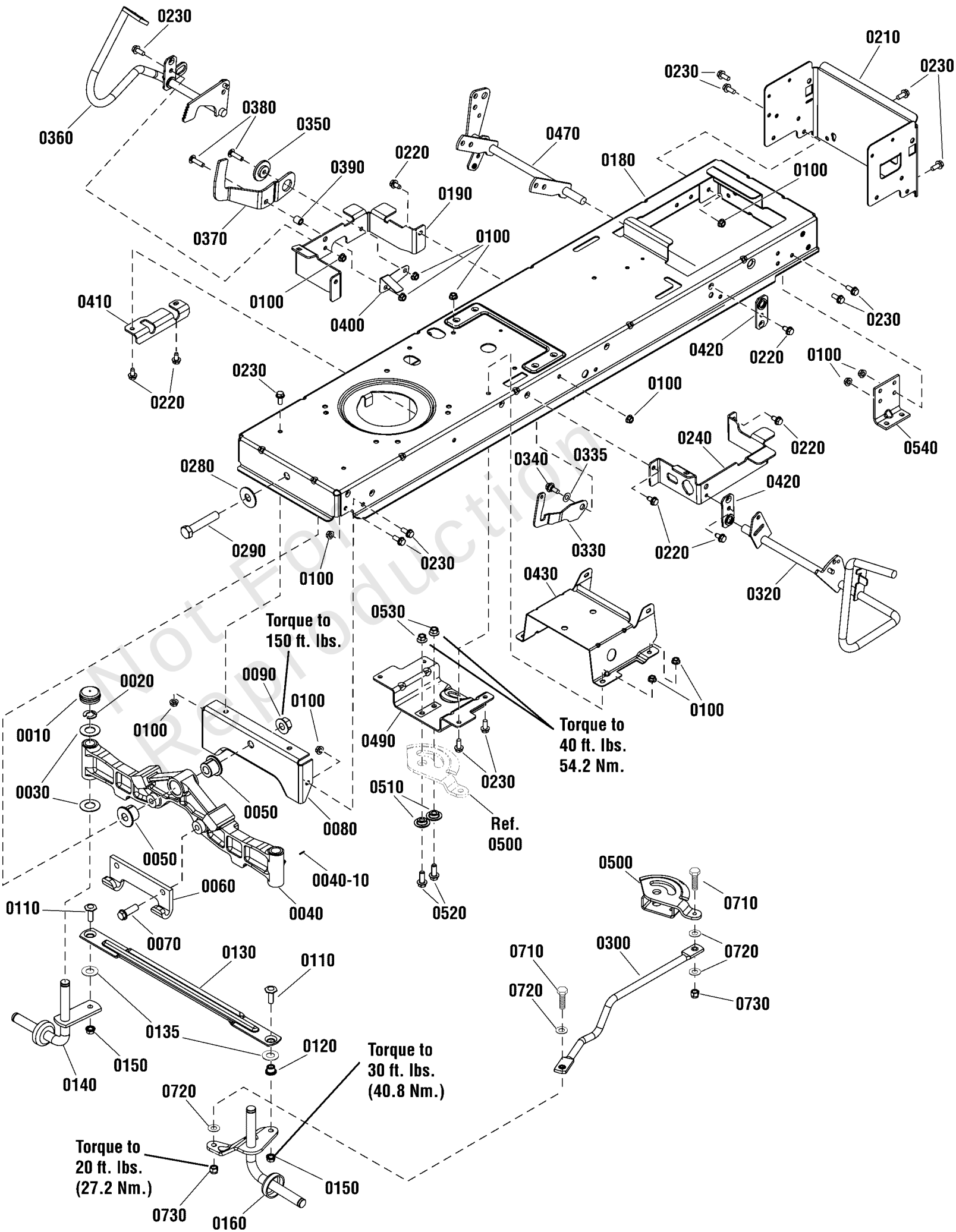
Footnotes:

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

Frame & Front Axle Group (2986847a)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



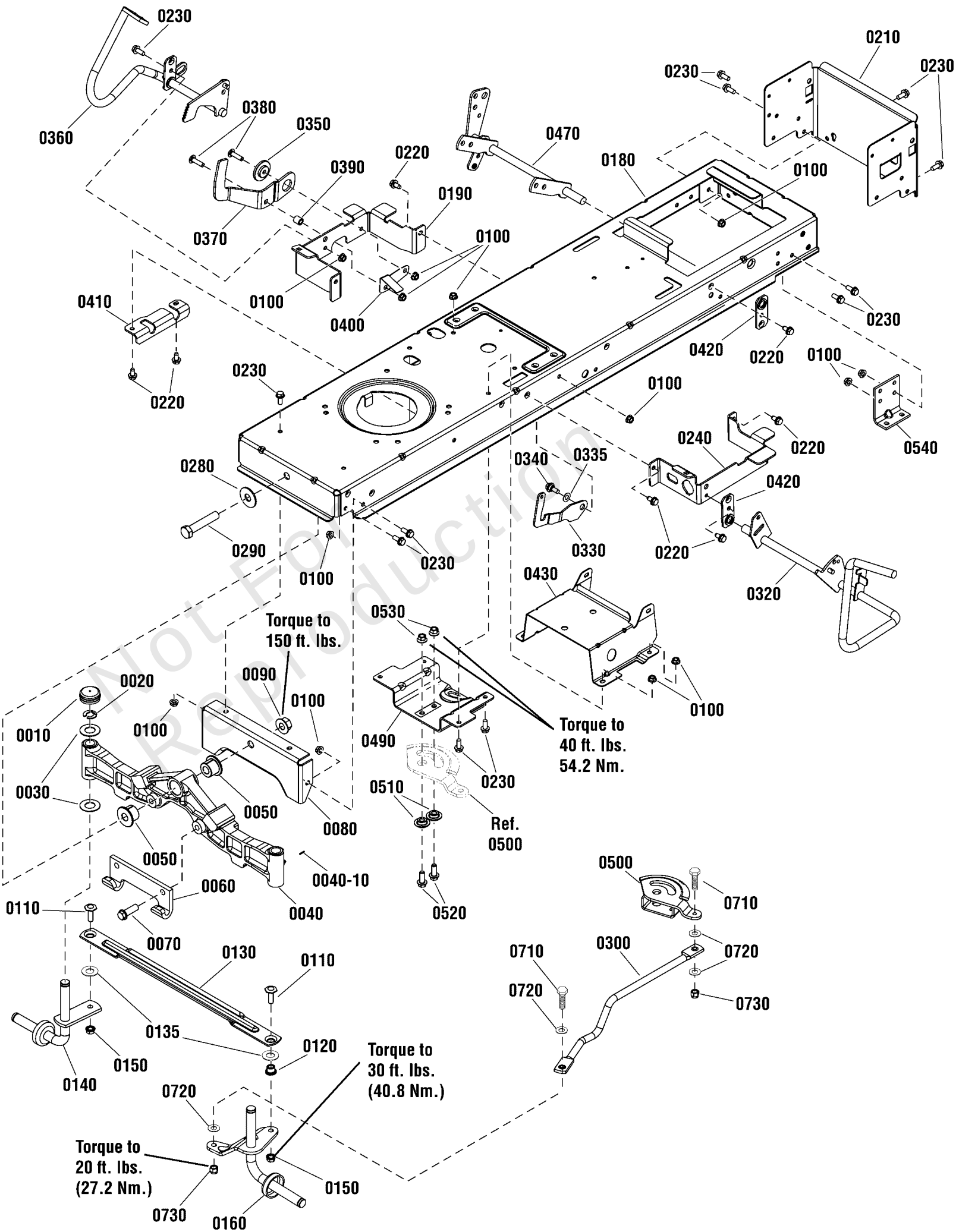
Frame & Front Axle Group (2986847a)

REF NO	PART NO	QTY	DESCRIPTION
0010	1734135SM	2	HUB CAP
0020	1611710SM	2	RING, Klipring
0030	2860183SM	4	WASHER, 3/4
0040	1728018SM	1	AXLE, Front
0040-10	1704314SM	1	LUBE FITTING, .250 DR
0050	1730186SM	2	BUSHING, Axle Pivot
0060	1721918ASM	1	HOOK, Mower, Hitch
0070	1960652SM	2	SCREW, Hex Flange, Whiz Lock, 7/16-14 x 1-1/2
0080	1727902SM	1	PLATE, Axle Support
0090	2860646SM	1	NUT, Hex Flange, Two Way Lock, 5/8-11
0100	1931277SM	24	NUT, Hex Flange, Whiz Lock, 5/16-18
0110	1960032SM	2	SCREW, Hex Head, 3/8-16 x 1 1/4
0120	1731912SM	2	BUSHING
0130	1751964YP	1	TIE ROD
0135	1960703SM	2	WASHER, 5/8
0140	1727872ASM	1	WHEEL SPINDLE ASSEMBLY, RH
0150	1930645SM	2	NUT, Hex Flange, Two Way Lock, 3/8-16
0160	1751922YP	1	WHEEL SPINDLE ASSEMBLY, LH
0180	1738937YP	1	FRAME -(-Used before Serial No. 2016436590)
0180	1756448YP	1	FRAME, REGENT -(-Used after Serial No. 2016436592)
0190	1727904SM	1	SUPPORT, Front Footrest, RH
0210	1738229YP	1	SUPPORT, Rear Brake -(-Used before Serial No. 2015437754)
0210	1750989YP	1	SUPPORT, Rear Brake -(-Used after Serial No. 2015437756)
0220	1930601SM	9	SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
0230	1930591SM	21	SCREW, Hex Flange, Whiz Lock, 5/16-18 x 3/4
0240	1727905SM	1	SUPPORT, Front Footrest, LH -(-Used before Serial No. 2015437754)
0240	885536YP	1	SUPPORT, Front Footrest, LH -(-Used after Serial No. 2015437756)
0280	1960035SM	1	WASHER-0.625(0.64IDX1
0290	2860744SM	1	CAPSCREW, Hex Head, 5/8-11 x 3 1/4
0300	1738051YP	1	LINK, Drag (with Bearing), 5/16
0320	1736404AYP	1	PEDAL ASSY, BRAKE
0330	1735595YP	1	LATCH, Brake Lock
0335	7014296YP	1	WASHER, Shim
0340	1729576SM	1	BOLT, Shoulder, 5/16-18 x 15/32
0350	1727935SM	1	SPACER-PIVOT 0.330ID
0360	1736714AYP	1	FORWARD PEDAL ASSEMBLY
0370	1727246SM	1	PEDAL, Reverse
0380	1960223SM	2	BOLT-RD HD SH SQ NK 5
0390	1728024SM	1	SPACER, Foot Pedal
0400	1728025BMYP	1	ACTUATOR, RMO Switch
0410	1727909SM	1	BRACKET, Pedal Pivot -(-Used before Serial No. 2016372483)

Frame & Front Axle Group (2986847a)

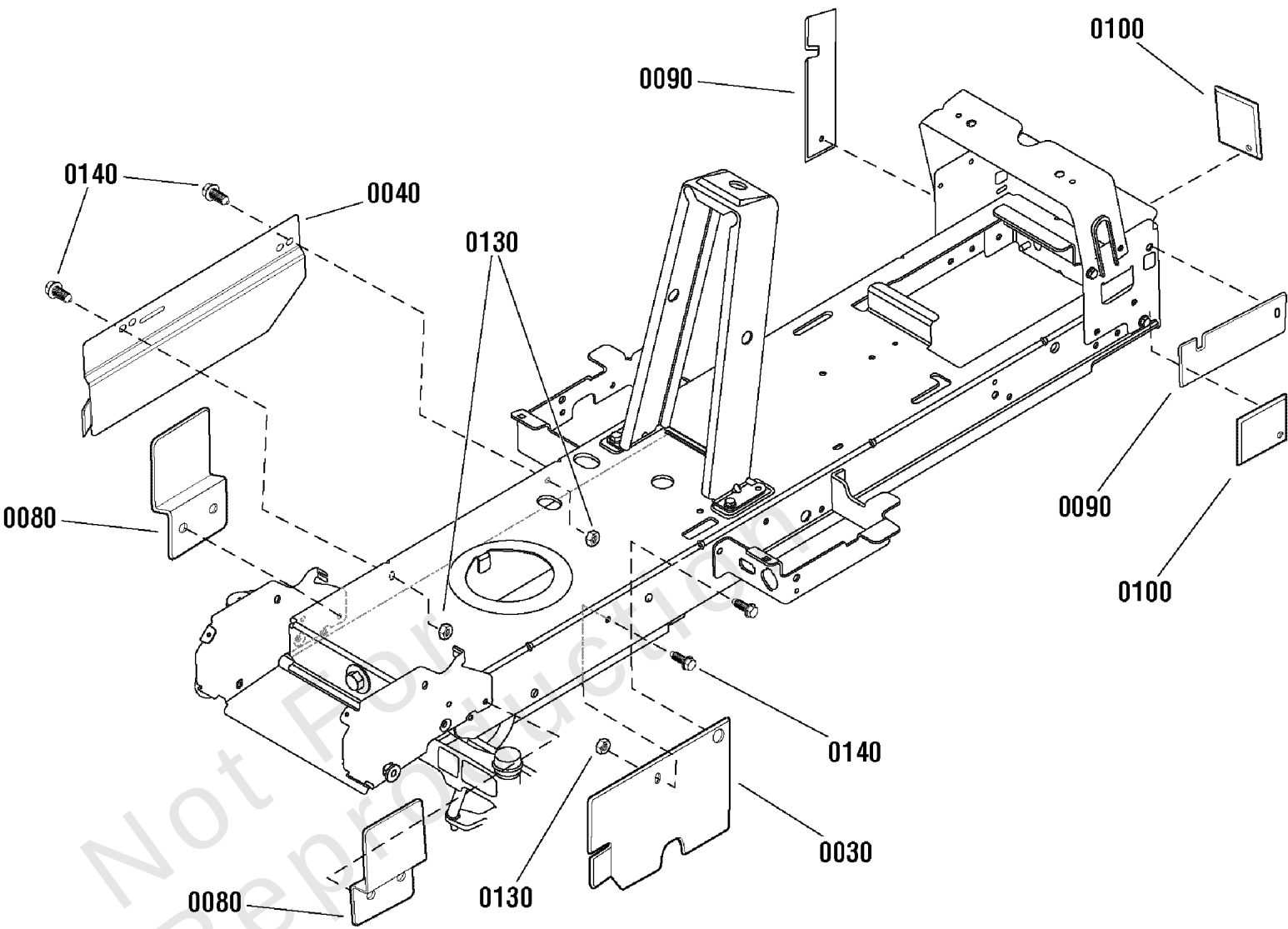
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



Frame & Front Axle Group (2986847a)

REF NO	PART NO	QTY	DESCRIPTION
0410	885591YP	1	BRACKET, PEDAL PIVOT -(-Used after Serial No. 2016372485)
0420	1727911SM	2	PLATE, Bearing
0430	1727282SM	1	SUPPORT, Battery
0470	1737957YP	1	LIFT SHAFT ASSEMBLY
0490	1727940SM	1	BRACKET, Sector Support
0500	1751110YP	1	GEAR, Steering
0510	1728122SM	2	SPACER, Sector Gear
0520	1934654SM	2	SCREW, Hex Flange, Whiz Lock, 3/8-16 x 1
0530	1930645SM	2	NUT, Hex Flange, Whiz Lock, 3/8-16
0540	1727903SM	2	SUPPORT, Transmission
0710	1921977SM	2	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0720	1924874SM	4	WASHER, 5/16
0730	1935048SM	2	NUT, Hex Flange, Two Way Lock, 5/16-18



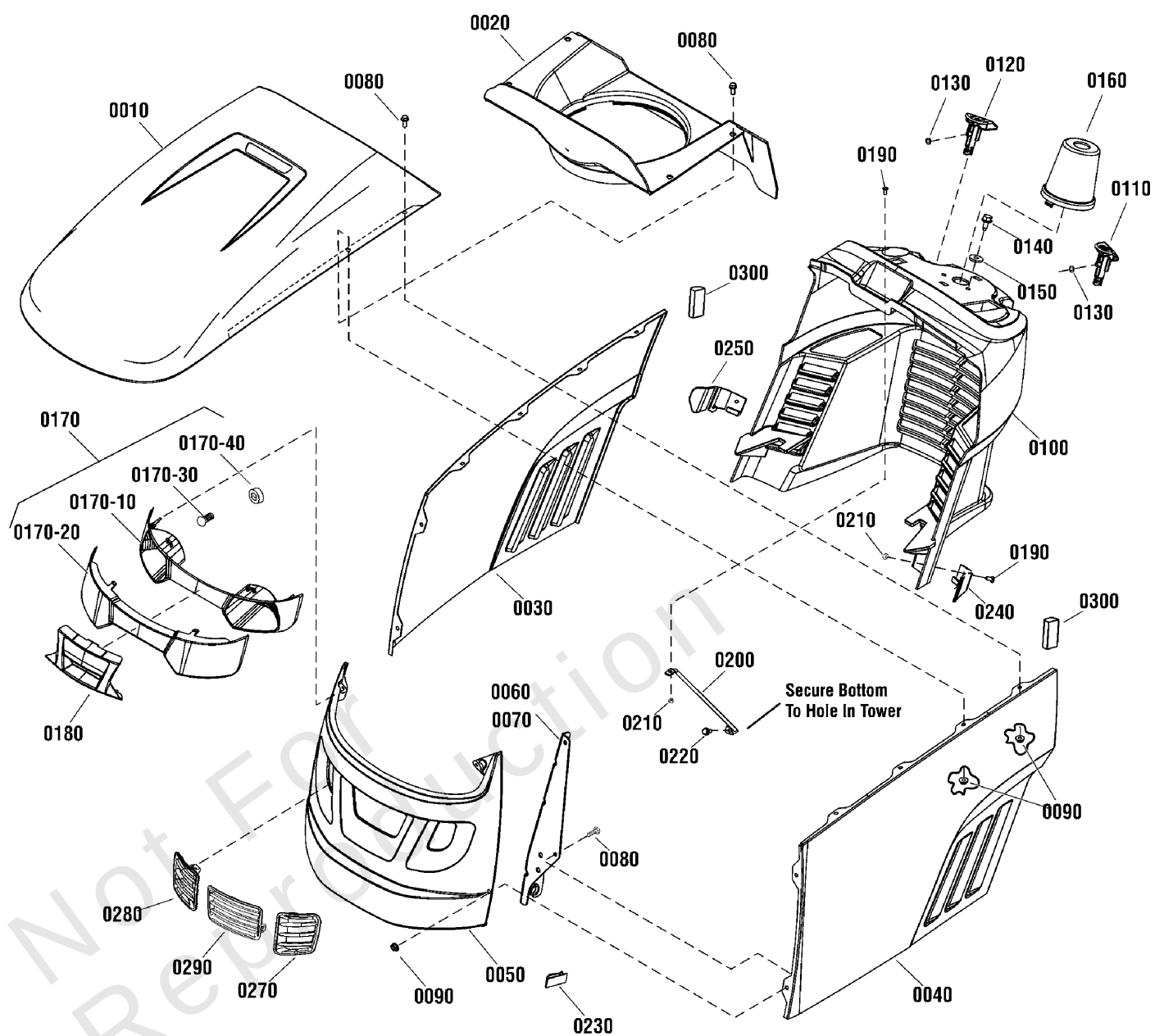
French Guard Group (2989562)

REF NO	PART NO	QTY	DESCRIPTION
0030	1738754BMYP	1	GUARD, Clutch
0040	1738755BMYP	1	GUARD, Clutch
0080	1738798BMYP	2	GUARD, Front
0090	1736025BMYP	2	GUARD, Pulley, Rear
0100	1737850BMYP	2	GUARD, Rear
0130	1931277SM	3	NUT, Hex Flange, Whiz Lock, 5/16-18
0140	1925205SM	3	CAPSCREW, Hex Head, 5/16-18 x 5/8, G5

Hood, Grille & Dash Group (2989207)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



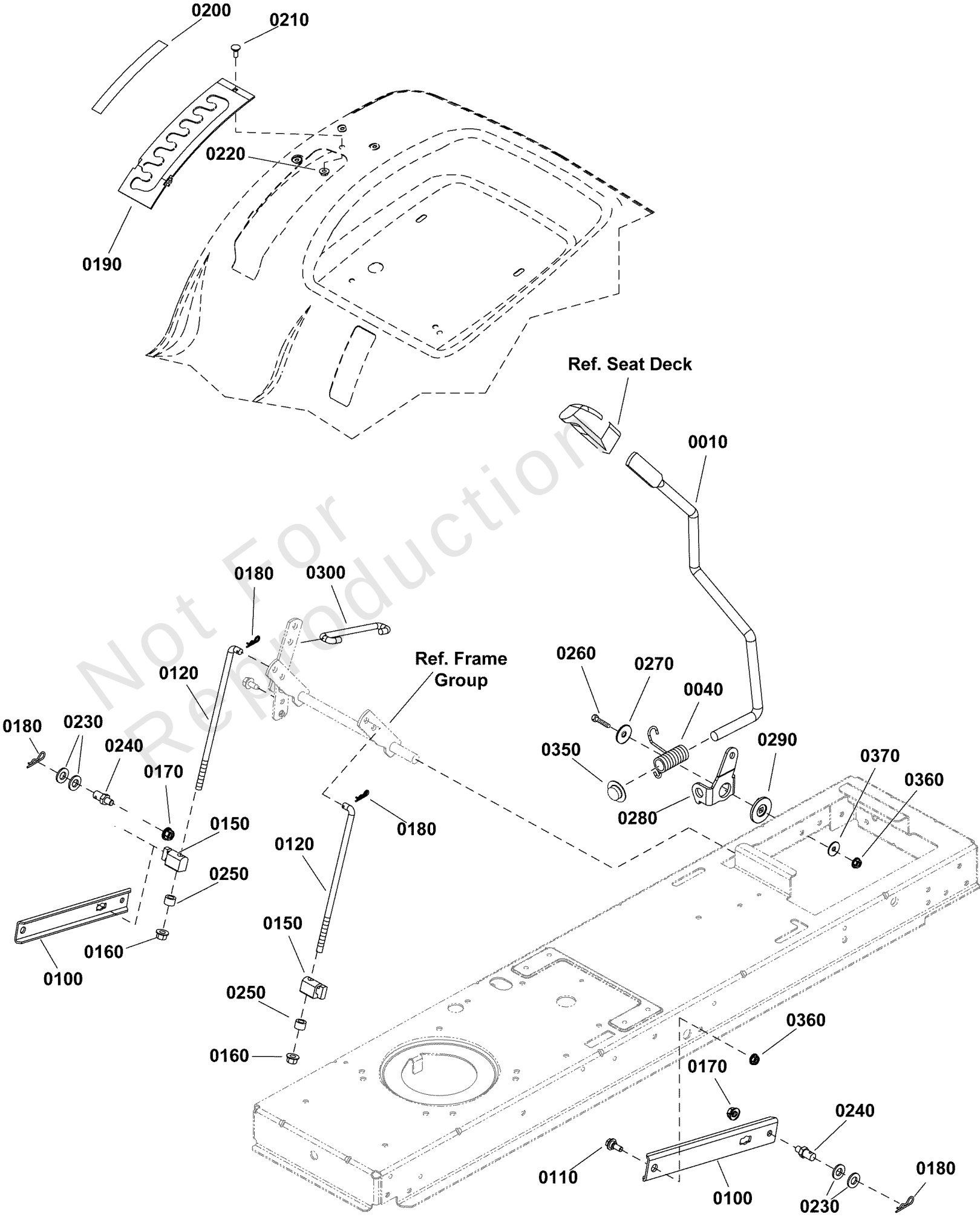
Hood, Grille & Dash Group (2989207)

REF NO	PART NO	QTY	DESCRIPTION
0010	1728031CAYP	1	HOOD, W/ Scoop
0020	7102326YP	1	AIR DUCT, Plenum
0030	1727294CAYP	1	PANEL, Side, RH
0040	1727295CAYP	1	PANEL, Side, LH
0050	1738914CAYP	1	GRILLE
0060	1727279ASM	1	HINGE, Hood, LH
0070	1727280ASM	1	HINGE, Hood, RH
0080	1960295SM	12	SCREW, Hex Flange, Whiz Lock, 1/4-20 x 5/8
0090	1930641SM	12	NUT, Hex Flange, Whiz Lock, 1/4-20
0100	1727293SM	1	DASHBOARD
0110	1728089SM	1	KNOB, Brake
0120	1728090SM	1	KNOB, Cruise
0130	1960518SM	2	PUSHNUT, 1/4
0140	1664847SM	2	SCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
0150	1919381SM	2	WASHER, 5/16
0160	1727999SM	1	COVER, Steering Shaft
0170	1727296SM	1	HEADLIGHT ASMY-HUNTER -(Includes Ref. Nos. 0170-10, 0170-20, 0170-30 & 0170-40)
0170-10	1728973SM	1	REFLECTOR -(Included with Ref. No. 0170)
0170-20	1728974SM	1	LENS, HEADLIGHT -(Included with Ref. No. 0170)
0170-30	1677371SM	2	BULB-HEADLIGHT 1 -(Included with Ref. No. 0170)
0170-40	1723451SM	2	SOCKET ASSEMBLY -(Included with Ref. No. 0170)
0180	1728975SM	1	INSERT, Lightbar
0190	1960392SM	3	SCREW, Pan Head Phillips, #10-24 x 1
0200	1723123SM	1	ROD, Dash, 10
0210	1933896SM	3	NUT, Hex Lock, Nylon Insert, 10-24
0220	1925003SM	1	SCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2
0230	028X83MA	6	S-CLIP
0240	1732030SM	1	GUIDE, Hood, LH
0250	1732031SM	1	GUIDE, Hood, RH
0270	1001803MA	1	INSERT, Grille, LH
0280	1001804MA	1	INSERT, Grille, RH
0290	1001802MA	1	INSERT, Grille, Center
0300	1754094YP	2	POSITIONER, Hood

Lift Group - Frame Hung (2987068)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



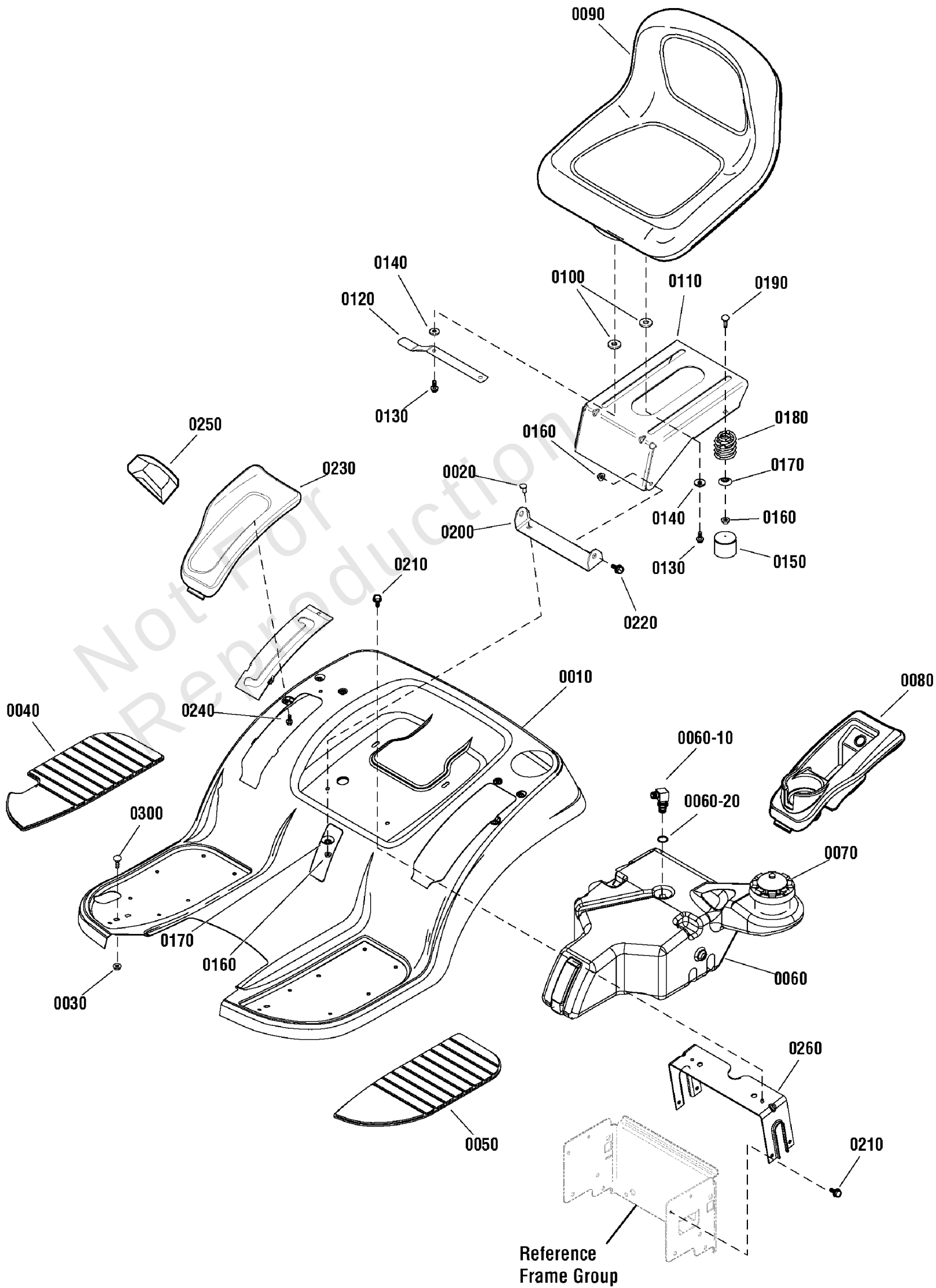
Lift Group - Frame Hung (2987068)

REF NO	PART NO	QTY	DESCRIPTION
0010	1728070SM	1	ROD, Lift Handle, 18-7/8"
0040	1729652SM	1	SPRING, Torsion
0100	1731417ASM	2	ARM, Rear Lift
0110	1732426SM	2	BOLT-SHLDR 5/16-18 0.
0120	1727955SM	2	ROD, Lower Lift, 10"
0150	1731894SM	2	TRUNNION
0160	1960687SM	2	NUT, Hex Flange, ESNA, 3/8-16
0170	1931211SM	2	NUT, Hex Flange, Whiz Lock, 3/8-16
0180	1960074SM	4	CLIP, HAIR PIN .093DI
0190	1727985ASM	1	QUADRANT, Lift Height
0200	1730264SM	1	DECAL, Height Of Cut
0210	1960252SM	1	BOLT-RD HD SH SQ NK 1
0220	1930641SM	1	NUT, Hex Flange, Whiz Lock, 1/4-20
0230	1960170SM	2	WASHER, 1/2
0240	094067MA	2	PIN, Threaded Shoulder, 3/8-16 x 1-7/16
0250	1666294SM	2	SPACER, 3/8 ID x 5/8 OD x 7/16
0260	84003606	1	SCREW
0270	1933468SM	1	WASHER, 5/16 x 1-1/4 OD
0280	1728990ASM	1	CLEVIS, Lift
0290	1727935SM	1	SPACER-PIVOT 0.330ID
0300	1727954SM	1	ROD, Lift, 5-1/2"
0350	771009	1	PUSHNUT, 5/8
0360	703115	3	NUT
0370	703298	1	WASHER, 5/16

Seat Deck & Fuel Tank Group (2989208)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



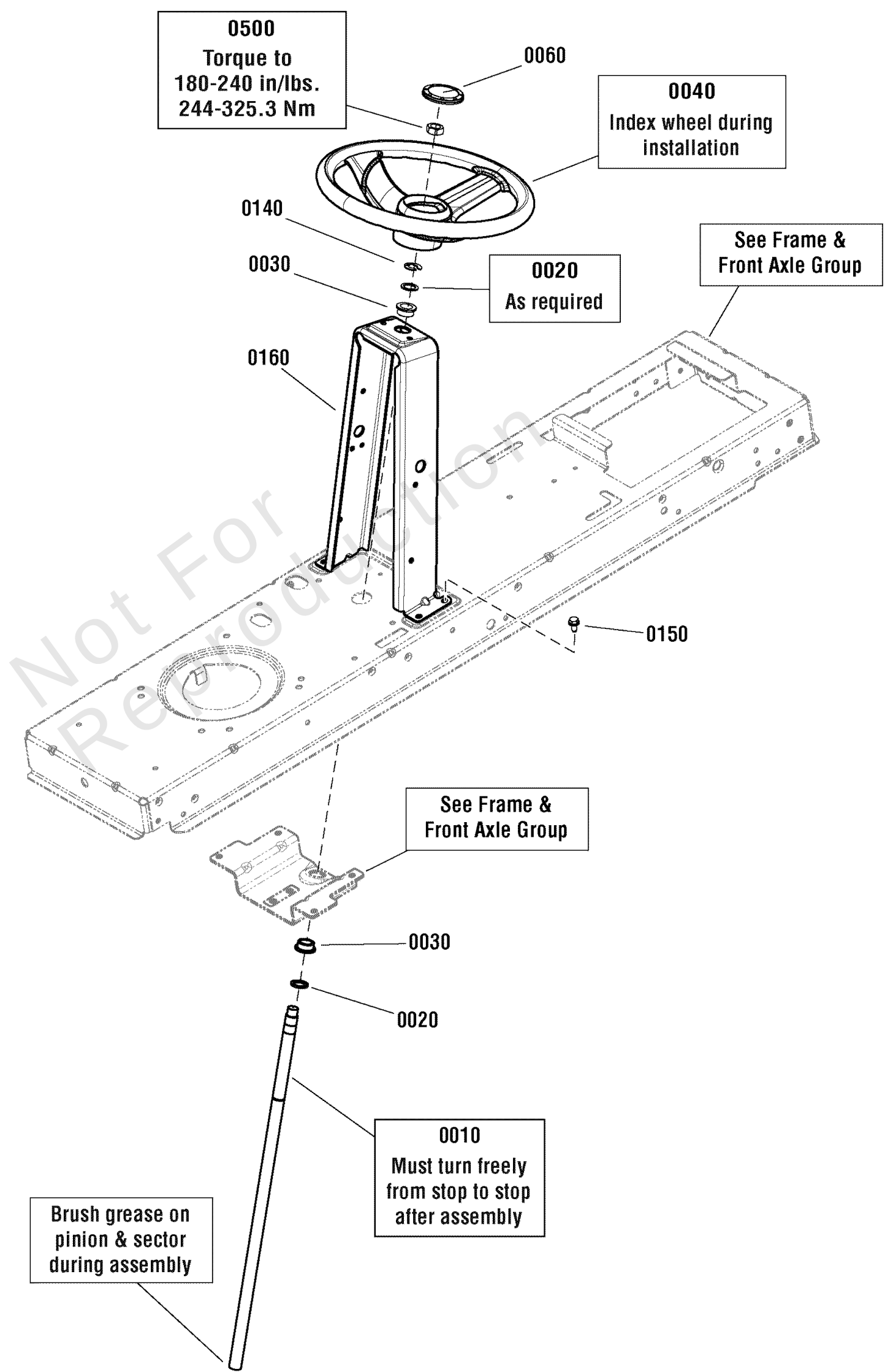
Seat Deck & Fuel Tank Group (2989208)

REF NO	PART NO	QTY	DESCRIPTION
0010	1727264CAYP	1	DECK, Seat
0020	1931333SM	2	BOLT, Carriage, 5/16-18 x 3/4 G5
0030	1931277SM	4	NUT, Hex Flange, Whiz Lock, 5/16-18
0040	1728007SM	1	PAD, Footrest, RH
0050	1728006SM	1	PAD, Footrest, LH
0060	1738932YP	1	TANK, Fuel
0060-10	1736609YP	1	FITTING & HOSE ASSEMBLY, Fuel Tank
0060-20	1654930SM	1	BUSHING, Fuel Tank
0070	5101651SM	1	CAP, FUEL, VENTED
0080	1739535YP	1	POD, LH
0090	1730159SM	1	SEAT, Hi Back
0100	1731300SM	4	SPACER, 5/16 ID x 1-1/4 OD x 5/16
0110	1727265SM	1	SUPPORT, Seat
0120	1727268SM	1	LATCH-SEAT 20GA HUNTE
0130	1960667SM	4	CAPSCREW, Hex Flange, Whiz Lock, 5/16-18 x 1
0140	1919381SM	4	WASHER, 5/16
0150	1704724SM	2	COVER, Spring, 1-1/2"
0160	1960686SM	4	NUT, Hex Flange, 5/16-18 ESNA
0170	1709256SM	4	WASHER, Spring, 5/16 x 1 1/4
0180	1704728SM	2	SPRING, Compression, 2"
0190	1960282SM	2	BOLT, Carriage, 5/16-18 x 3/4 G5
0200	1727266SM	1	PIVOT, Seat
0210	1930601SM	6	SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
0220	1729576SM	2	BOLT, Shoulder, 5/16-18 x 15/32
0230	1739537YP	1	POD, RH
0240	1960536SM	6	SCREW, HEX WSHR HD PL
0250	1722302SM	1	GRIP
0260	1731310SM	1	SUPPORT, Seat Deck
0300	1931334SM	2	BOLT, Carriage, 5/16-18 x 7/8 G5

Steering Group (2989456)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



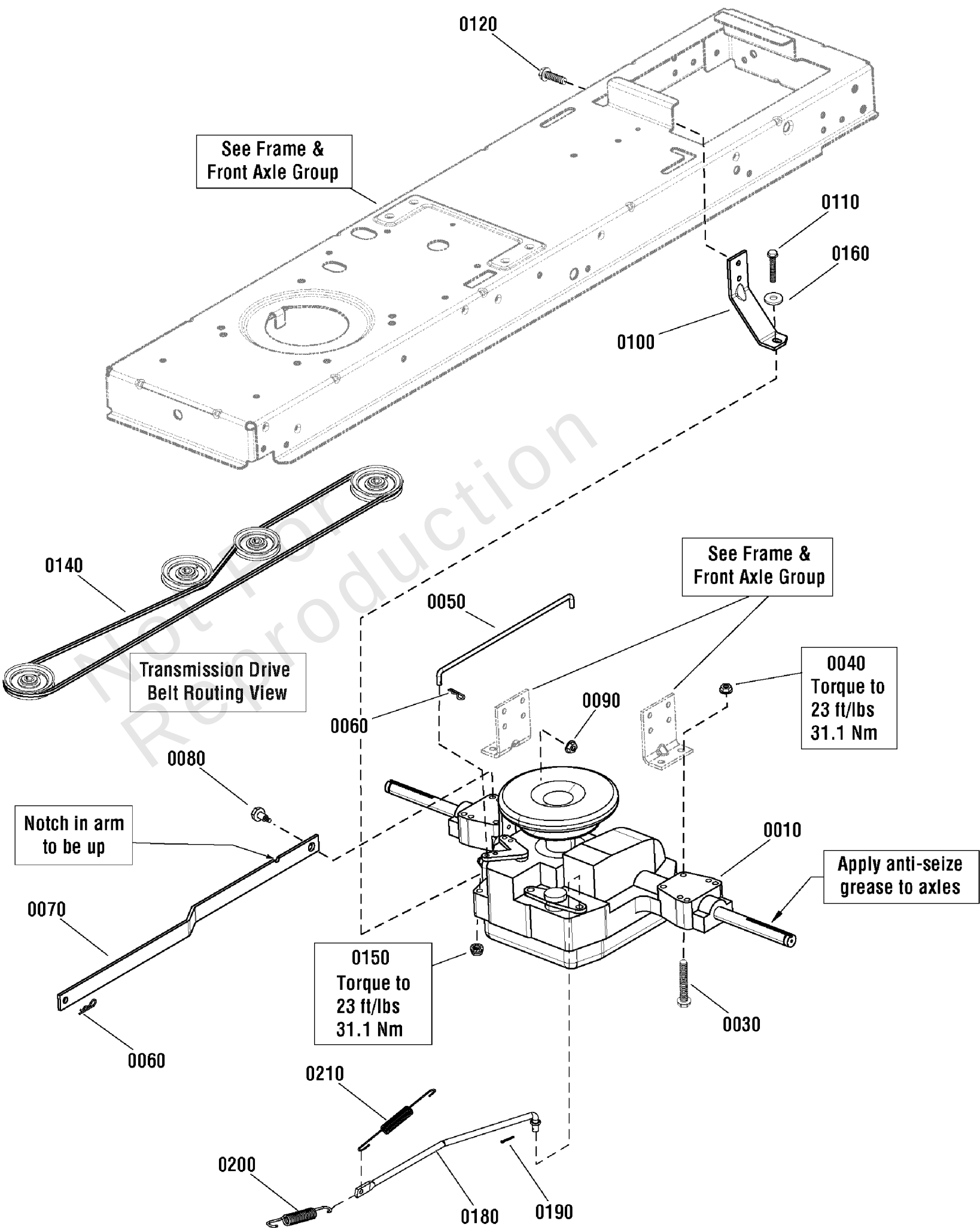
Steering Group (2989456)

REF NO	PART NO	QTY	DESCRIPTION
0010	1727813SM	1	SHAFT, Steering Gear & Spline
0020	1960114SM	2	WASHER, 3/4
0030	1729665SM	2	BUSHING, Steering, 3/4 ID
0040	1728069SM	1	STEERING WHEEL
0060	1725024SM	1	CAP, Steering Wheel
0140	1611710SM	1	RING, Klipring
0150	1930601SM	4	SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
0160	1738935AYP	1	TOWER
0500	1960576SM	1	NUT, Hex Lock, ESNA Light, 5/8-18

Transmission Group (2987060)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



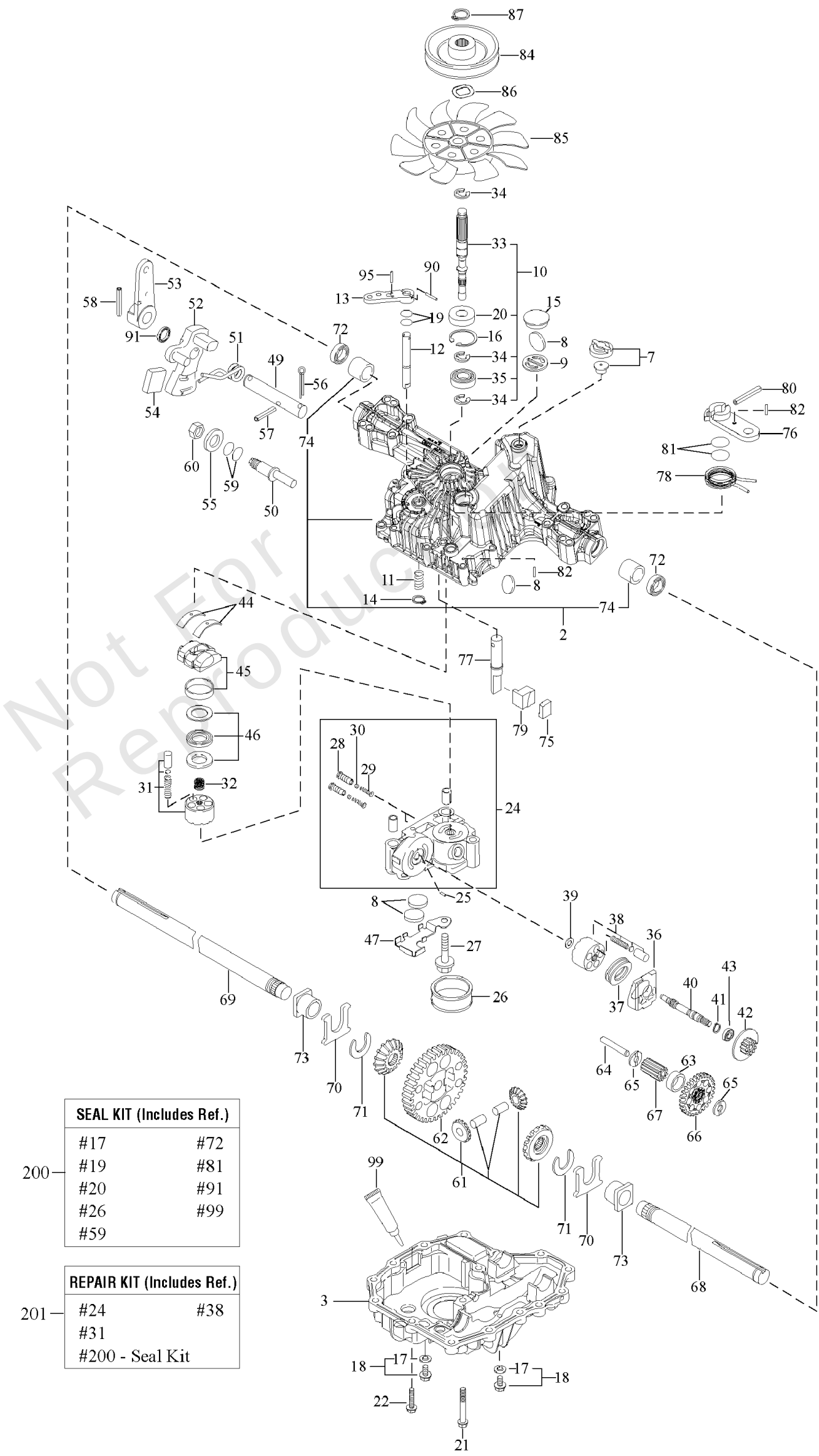
Transmission Group (2987060)

REF NO	PART NO	QTY	DESCRIPTION
0010	1729588SM	1	TRANSMISSION ASSEMBLY, Tuff Torque, K46BP
0030	1960586SM	4	CAPSCREW, Hex, Whiz Lock, 5/16-18 x 2-1/2
0040	1931277SM	4	NUT, Hex Flange, Whiz Lock, 5/16-18
0050	1728120SM	1	ROD, Bypass, 1/4 x 11 7/16
0060	1722460SM	2	PIN, Quick, 1-3/16 Long
0070	1727258ASM	1	ARM, Control
0080	1732426SM	1	BOLT-SHLDR 5/16-18 0.
0090	1935048SM	1	NUT, Hex Flange, ESNA, 5/16-18
0100	1728043SM	1	STRAP, Torque
0110	1922127SM	1	SCREW, Hex Head Cap, 5/16-18 x 1 3/4
0120	1664847SM	1	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
0140	1728008SM	1	V-BELT, HA, 89-1/4" Long
0150	1960686SM	1	NUT, Hex Flange, ESNA, 5/16-18
0160	1919381SM	1	WASHER, 5/16 x 1 OD
0180	1727253SM	1	ROD, Brake
0190	1918447SM	1	PIN, Cotter
0200	1731262SM	1	SPRING, Extension, 11/16 x 3-3/8
0210	1721995SM	1	SPRING, Extension, 5/8 x 6-5/8

Transmission SERVICE PARTS - Tuff Torq K46BP (1729588)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



Transmission SERVICE PARTS - Tuff Torq K46BP (1729588)

REF NO	PART NO	QTY	DESCRIPTION
1	1729588SM		TRANSMISSION ASSEMBLY, Tuff Torque, K46BP
2	-----		*KIT, Upper Case
3	-----		*LOWER CASE
7	1718052SM		VENT VALVE 15
8	1724279SM		MAGNET
9	-----		*MAGNET HOLDER
10	-----		*PUMP SHAFT/BEARING KIT
11	-----		SPRING 25
12	1724281SM		BYPASS SHAFT A
13	1720418SM		LEVER, Bypass
14	1718061SM		RING, Snap, 10
15	1724282SM		SEALING CAP, 30
16	1708650SM		RING, Snap, C 35
17	1724323YP		SEAL WASHER, 8
18	-----		KIT, Drain Bolt
21	-----		SCREW, Tapping, 8 * 55
22	1707789SM		SCREW, Tapping, 8 * 30
24	-----		CENTER CASE E W/BALL IDS SERVICE KIT
25	1718070SM		PIN, 3 * 9.8
26	-----		FILTER 105
27	1720805SM		BOLT, 10 * 75
28	-----		IDS VALVE 1.0
29	1724287SM		IDS SPRING
30	-----		BALL, 3/16
31	-----		KIT, Cylinder Block (Pump)
32	1724290SM		SPRING
33	1739892YP		PUMP SHAFT
34	1718076SM		E-RING, 15
35	1708673SM		BEARING, 6202C3
36	1718077SM		MOTOR HOUSING
37	-----		THRUST BEARING 51106
38	1718079SM		KIT, Cylinder Block
39	1718084SM		WASHER, 12 * 24 * 1
40	1724943SM		MOTOR SHAFT
41	1708672SM		RING, Snap, S15
42	1724294SM		BRAKE DISC/MOTOR GEAR (11T)
43	-----		BEARING, 6202 RSR C3
44	1718089SM		THRUST METAL
45	-----		SWASH PLATE CMP
46	1718086SM		THRUST BEARING K81105
49	-----		CONTROL SHAFT
50	-----		FULCRUM
51	-----		SPRING, Torsion
52	-----		CONTROL ARM A
53	1724347SM		CONTROL LEVER C
54	-----		JERKY PLATE
55	1708689SM		WASHER, 12
56	1724349SM		COTTER PIN, 1/8 * 3/4

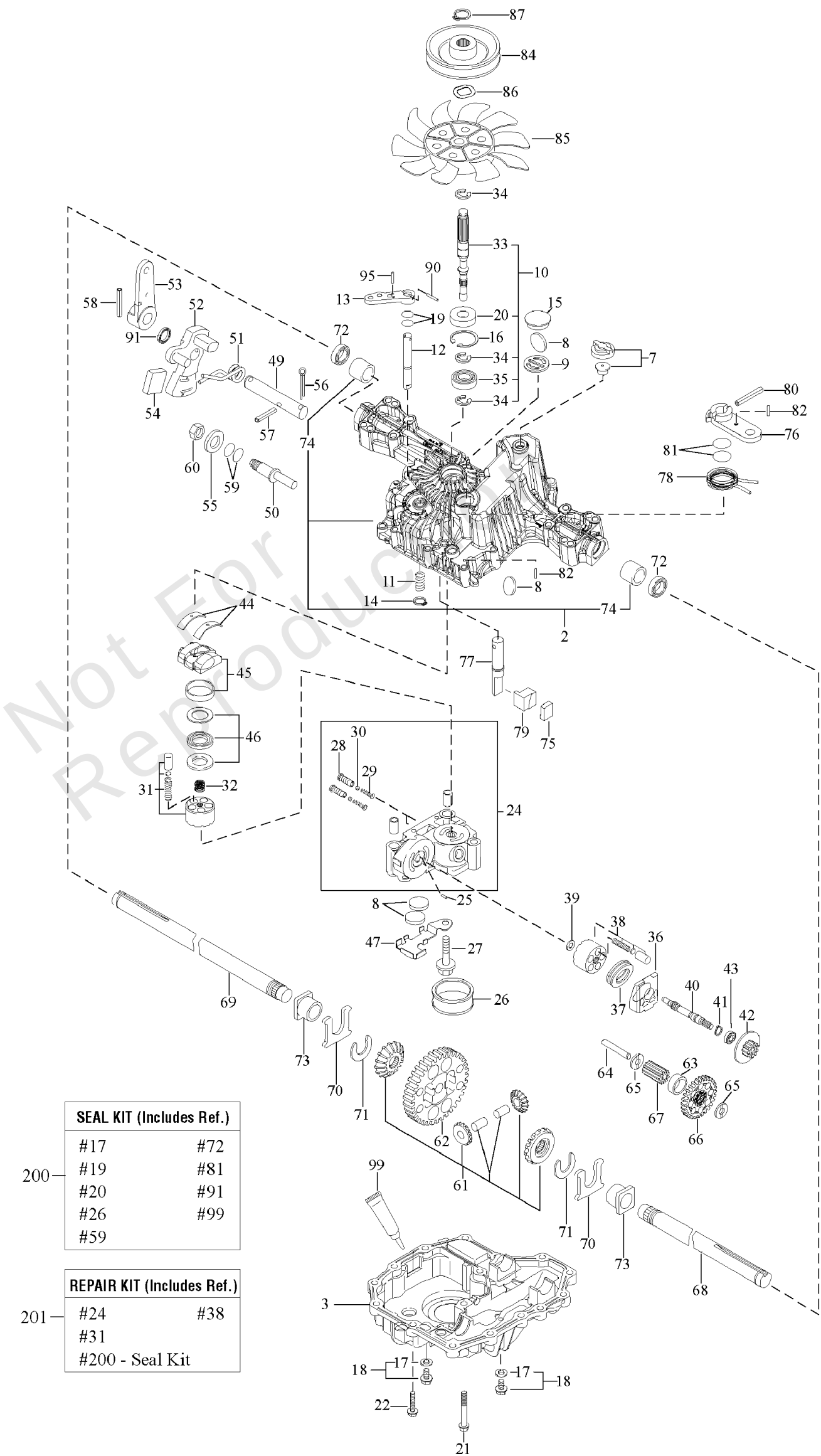
Footnotes:

Note* See your local authorized dealership for Tuff Torq parts and warranty or contact Tuff Torq at www.tufftorqservices.com (1-866-572-3441 US only / 01-423-585-1977)
Note* See your local authorized dealership for Tuff Torq parts and warranty or contact Tuff Torq at www.tufftorqservices.com (U.S. 1-866-572-3441 / Int'l: 01-423-585-1977)

Transmission SERVICE PARTS - Tuff Torq K46BP (1729588)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



Transmission SERVICE PARTS - Tuff Torq K46BP (1729588)

REF NO	PART NO	QTY	DESCRIPTION
57	1724296SM		SPRING PIN 6 * 36
58	1718100SM		ROLL PIN 6 * 40
60	1708692SM		NUT 12
61	-----		*KIT, Differential Gear
62	-----		*FINAL GEAR (54T)
63	-----		*FINAL PINION COLLAR
64	-----		*REDUCTION SHAFT
65	1724948SM		WASHER, 12 * 32 * 3.2
66	-----		*REDUCTION GEAR (37T)
67	-----		*FINAL PINION GEAR (10T)
68	1724303SM		AXLE SHAFT, Left
69	1724304SM		AXLE SHAFT, Right
70	-----		*THRUST WASHER
71	1718113SM		RING, 17
72	1718111SM		SEAL, 19 * 32 * 8 -(For this part only contact B&S Tech support)
73	1718110SM		BUSHING, 19 * 25
74	-----		*BUSHING, 19.05
75	1724305SM		BRAKE SHOE
76	1724306SM		BRAKE LEVER
77	-----		*BRAKE SHAFT
78	-----		*BRAKE RETURN SPRING
79	1724309SM		BRAKE ACTUATOR
80	1724310SM		SPRING PIN, 5 * 32
82	1724311SM		SPRING PIN 4 * 16
84	1732918SM		PULLEY D
85	1724314SM		FAN, White
86	1724315SM		WASHER, Wave
87	1724316SM		RING, Snap
90	-----		*SPRING PIN 3.0A * 20
95	-----		*SPRING PIN 3.0A * 16
99	-----		*SEALANT
200	1727541YP		K46 & T40 SEAL KIT
201	-----		*REPAIR KIT K46

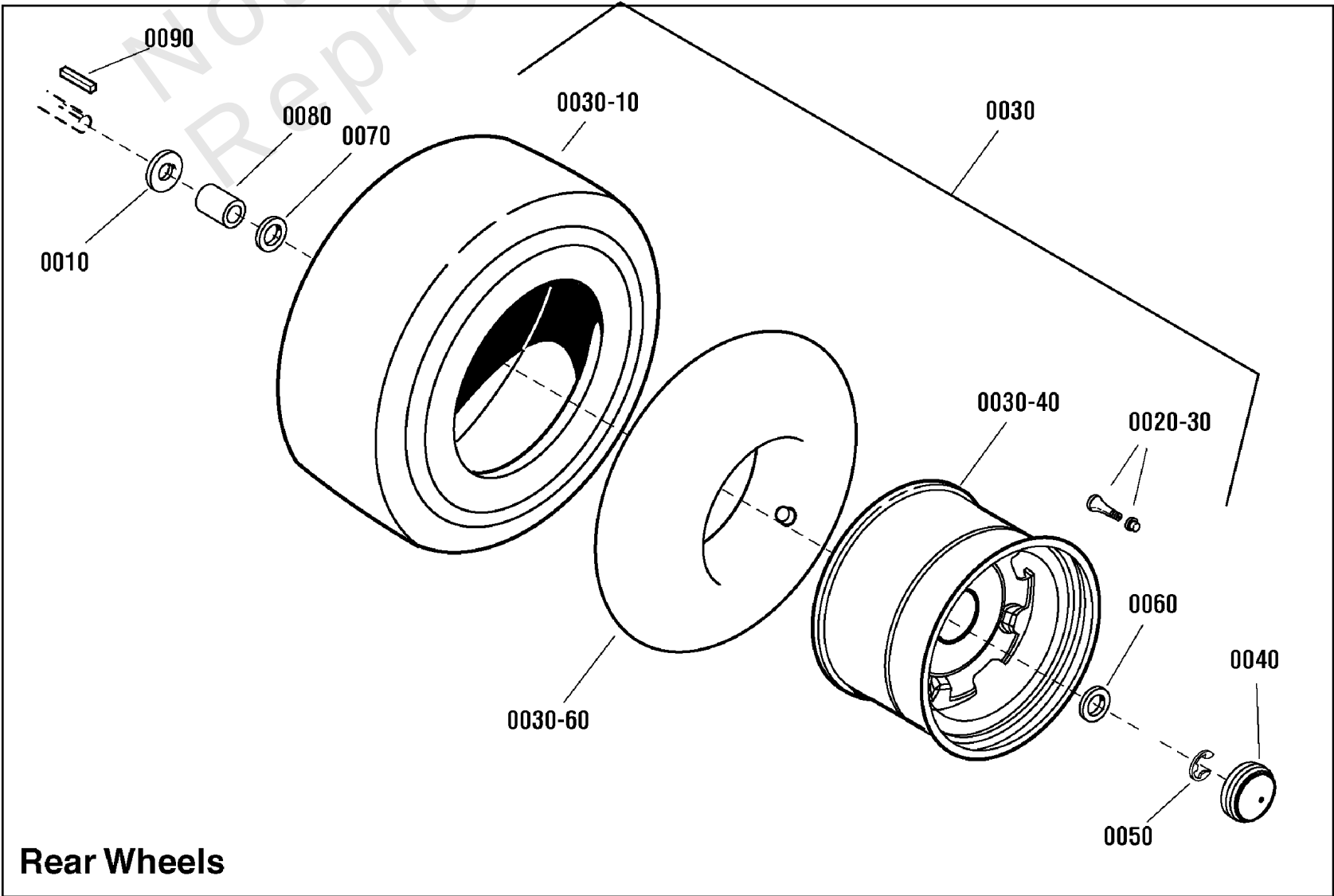
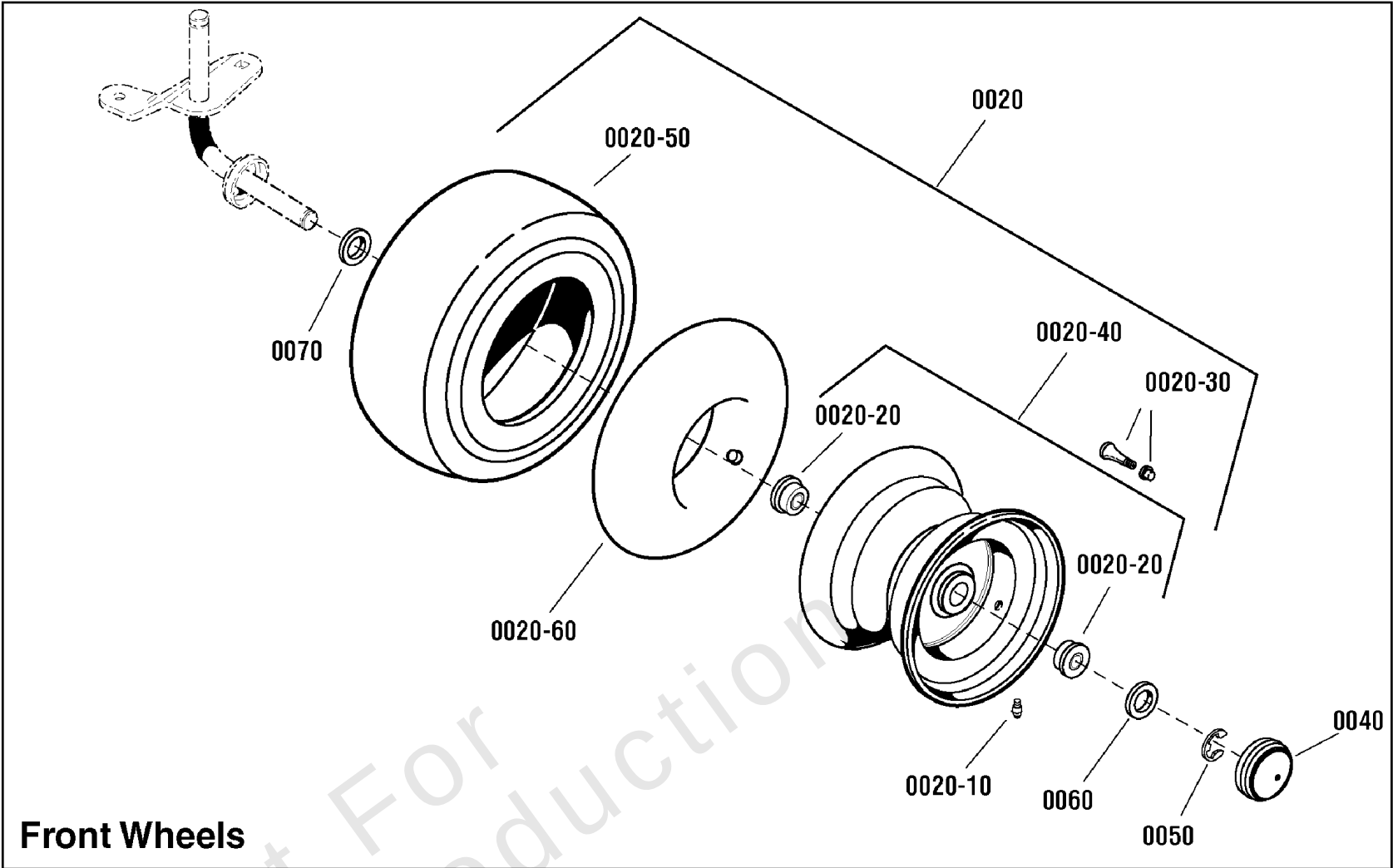
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Wheel & Tire Group (2989220)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690964-01



Wheel & Tire Group (2989220)

REF NO	PART NO	QTY	DESCRIPTION
0010	2860202SM	2	WASHER, 3/4
0020	1729708SM	2	WHEEL & TIRE ASSEMBLY, Front
0020-10	2812808SM	1	FITTING, Lube
0020-20	1742259YP	2	BEARING
0020-30	2172353SM	2	VALVE STEM & CAP
0020-40	1726301SM	1	WHEEL & BUSHINGS ASSEMBLY, Front
0020-50	1731951SM	1	TIRE, Turf Rider, Kenda, 15 x 6 - 6
0020-60	1664090SM	2	TUBE, Tire, Front
0030	7101563YP	2	ASSY, WHEEL & TIRE
0030-10	7101562YP	1	TIRE, K358 20X10-8 2PLY
0030-40	-----	1	* WHEEL, Broached Hub, 8 x 7
0030-60	2164247SM	2	TUBE, Tire, Rear
0040	094618MA	4	HUB CAP
0050	0011X3MA	4	RING, E .750D .050T
0060	17X195MA	4	WASHER, Flat
0070	17X160MA	4	WASHER, Flat, 3/4 x 1-1/4
0080	1730181SM	2	SPACER, 3/4 ID x 1-1/4 OD x 1-5/8
0090	021553MA	2	KEY, Square, 3/16

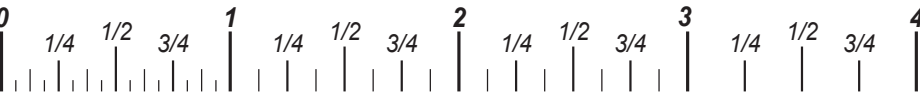
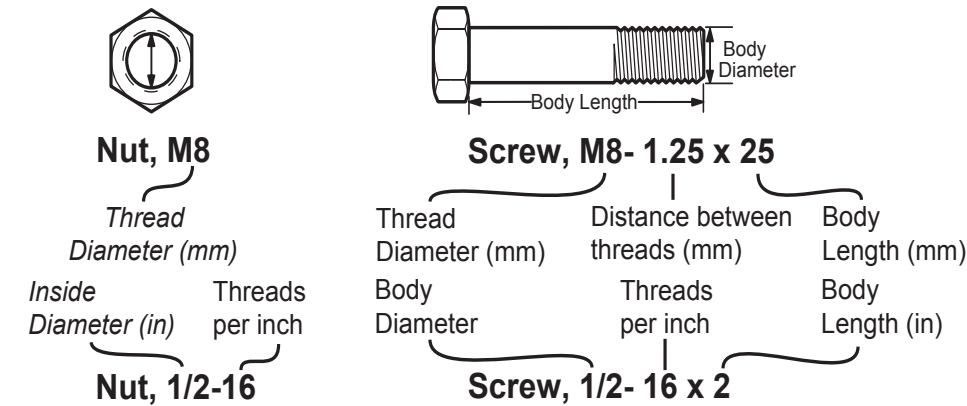
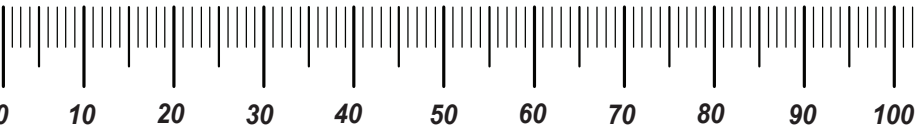
Footnotes:

* Note: Not a serviceable part, order complete wheel & tire assembly.

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).

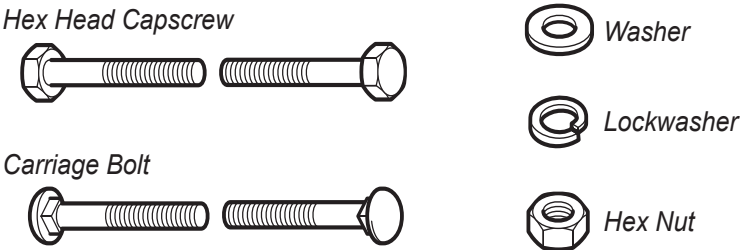
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

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