



Parts Manual

Mfg. No: 2691690-00

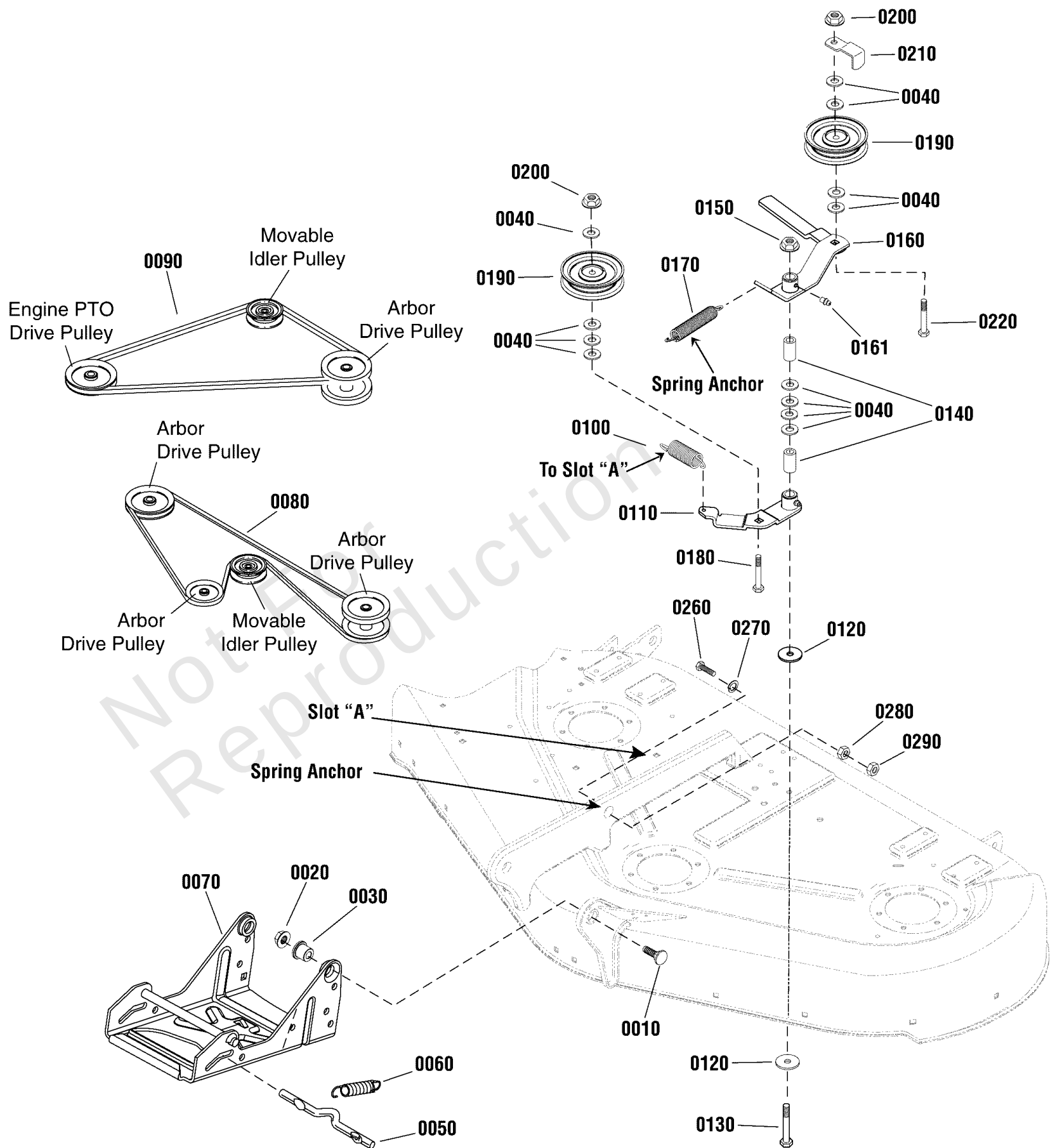
SYT510, 8270, Hydro 2WD w/PS SCS
and 127cm Fabricated Mower Deck
(Export)

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50" (127cm) Mower Deck - Clutch & Support Group

Note: Unless noted otherwise, use the standard torque specifications

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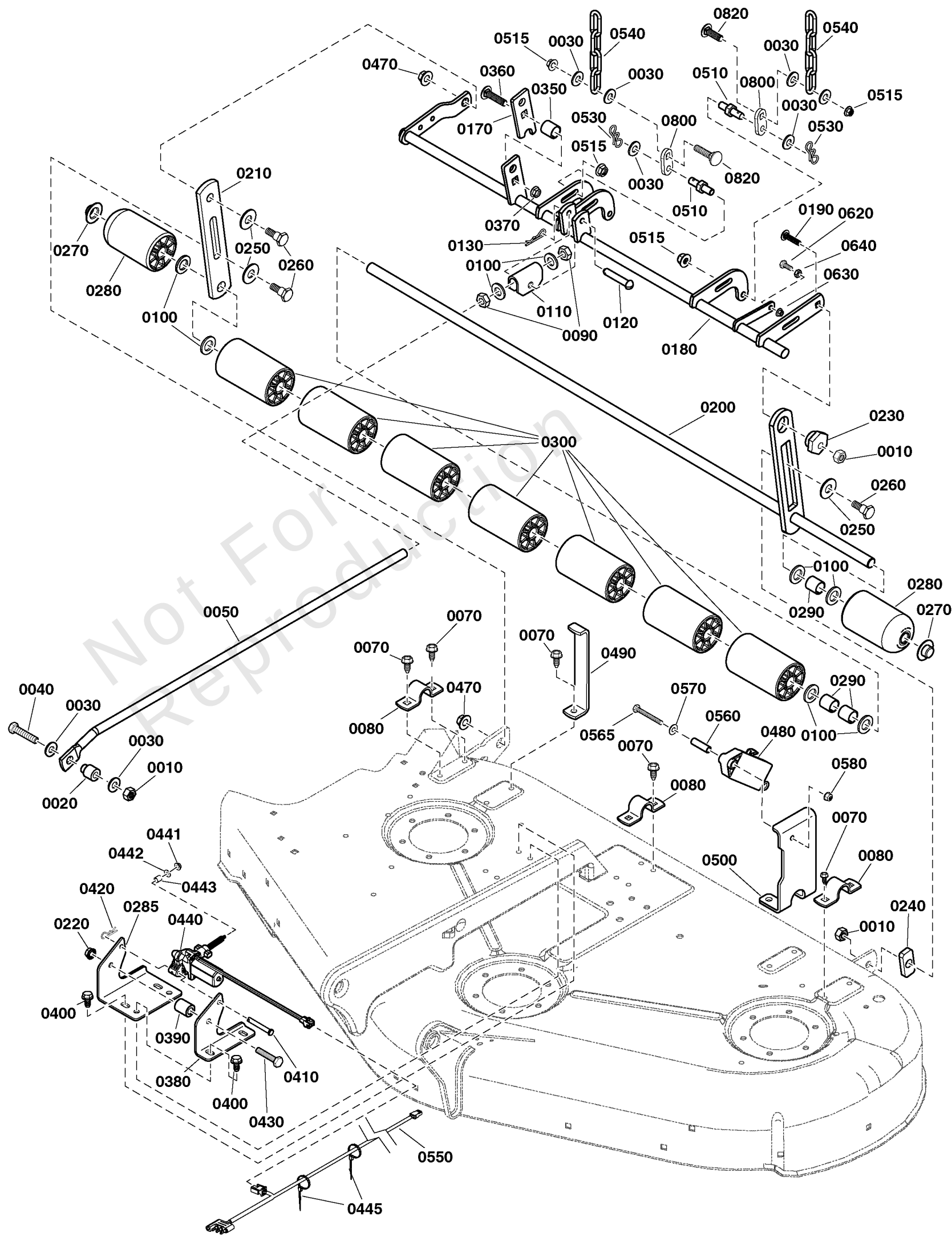
50" (127cm) Mower Deck - Clutch & Support Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1931352SM	2	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
0020	703158	2	NUT, Flange, 3/8-16
0030	1732443SM	2	SPACER, 3/8 x 3/4 x 3/4
0040	1924940SM	12	WASHER, 3/8
0050	1715759SM	1	ROD, 3/8 x 8
0060	2156302SM	1	SPRING
0070	1760192AYP	1	HITCH ASSEMBLY
0080	1703836SM	1	V-BELT, Arbor Drive, 50"
0090	1707740SM	1	V-BELT, Mower Drive, 50"
0100	1656936SM	1	SPRING
0110	1718561SM	1	LEVER ASSEMBLY, Idler
0120	703591	2	WASHER, Flat, 13/32 x 1 1/2 x 1/8
0130	703182	1	CAPSCREW, Hex Head, 3/8-16 x 3-1/2
0140	1674669SM	2	SPACER, .39 X 5/8 X 1.15
0150	703893	1	NUT, Hex, Flange, Two Way Lock, 3/8-16
0160	1704658SM	1	LEVER ASSEMBLY, Idler Arm -(Includes Ref. No. 0161)
0161	2812808SM	2	FITTING, Grease
0170	1715435SM	1	SPRING
0180	1960315SM	1	CARRIAGE BOLT, 3/8-16 x 2
0190	1724387SM	2	PULLEY, Idler
0200	703158	2	NUT, Flange, 3/8-16
0210	1677135ASM	1	BELT STOP, Idler
0220	1960315SM	1	CARRIAGE BOLT, 3/8-16 x 2
0260	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0270	703116	1	WASHER, Lock, 5/16
0280	703465	1	NUT, 5/16-18, GR5
0290	703164	1	NUT, Centerlock, 5/16-18

50" (127cm) Mower Deck - Height Adjust & Roller Group

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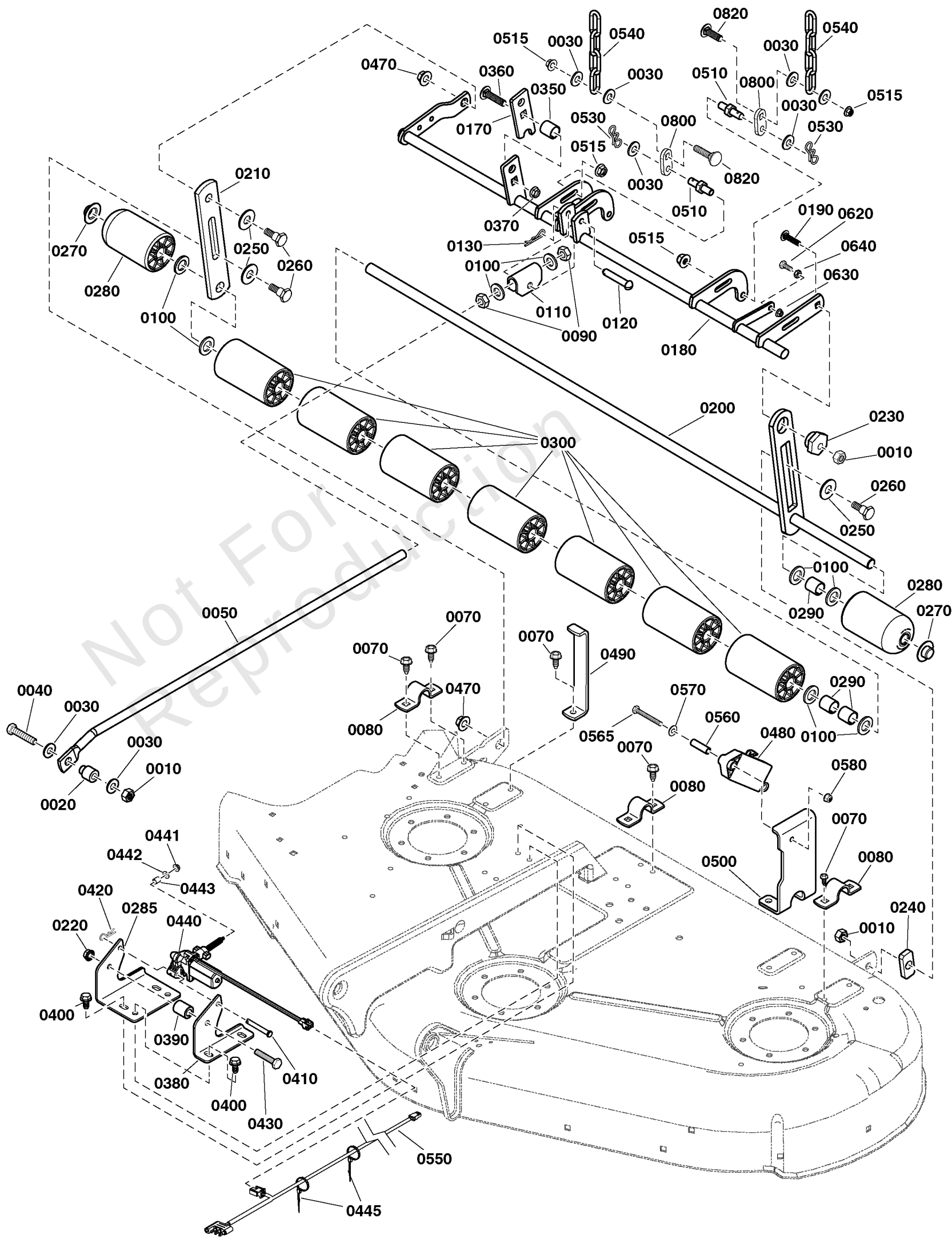
50" (127cm) Mower Deck - Height Adjust & Roller Group

REF NO	PART NO	QTY	DESCRIPTION
0010	2860681SM	3	NUT, Hex Flange, 3/8-16
0020	1706644SM	1	SPACER, .380/.377 I.D. x .750 O.D. x .970 Long
0030	703878	8	WASHER, Flat, 13/32 x 7/8 x .083
0040	1922606SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
0050	1722995SM	1	ROD, 5/8 x 29-5/8 Long
0070	1664847CAYP	8	SCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
0080	1665374SM	3	STRAP
0090	703912	2	NUT, Hex, 5/8-11
0100	703580	8	WASHER, 5/8
0110	1706645ASM	1	TRUNNION, Pitch Adjust
0120	2118053SM	1	PIN, Round Head, Drilled, 3/8 x 2, Black
0130	703300	1	PIN, Hair, 3/32 x 1 5/8
0170	1733776AYP	1	ARM, Rear
0180	1756040AYP	1	SHAFT, Rocker
0190	1931352SM	1	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
0200	1716155ASM	1	SHAFT & BAR ASSEMBLY, Roller 50" Mower
0210	1704074ASM	1	BAR, Roller 5/16
0220	1927557SM	1	NUT, Hex Flange Lock, Large, 5/16-18
0230	1704082SM	1	NUT, Hex Adjusting, 11/16
0240	1677507SM	1	SLIDE, .803 x 1.7
0250	703451	3	WASHER, Flat, 17/32 X 1 1/4
0260	2172622SM	3	BOLT, Shoulder, 3/8-16 X 1.34, 1/2 Shoulder
0270	1960520SM	2	NUT, Push, 5/8
0280	1722036SM	2	ROLLER, Rounded, 4.1 LG, 650 ID, 2.50 OD Rounded End
0285	1756136AYP	1	BRACKET, Mounting
0290	1709195SM	3	SPACER, .66 X 7/8 X 1 1/4
0300	1668513SM	8	ROLLER, .652 ID, 2.50 OD, 4.10 LG
0350	1602946SM	1	SPACER, .66 ID
0360	1960706SM	1	BOLT, Carriage, Short Neck, 1/2-13 x 2
0370	1960689SM	1	NUT, Hex, Toplock Flange, 1/2-13
0380	1733828ASM	1	BRACKET, Mounting 10GA
0390	1733068SM	1	SPACER, 0.39 x 3/4 x 0.965
0400	703949	4	SCREW, Washer Head, 5/16-18 X 5/8
0410	703063	1	PIN, Sheer, 1/4 X 1 3/4
0420	704039	1	CLIP, Hair Pin
0430	1922127SM	1	SCREW, Hex Head Cap, 5/16-18 x 1 3/4
0440	1753528YP	1	MOTOR, Deck Lift
0441	1960757SM	1	NUT, Hex, 1/4-20 L.H. Thread
0442	1921319SM	1	WASHER, 1/4, x 5/8 OD
0443	5045178SM	1	SPACER, .52 X 1.00 X .75, CZ
0445	703586	2	TIE, Cable
0470	1960339SM	2	NUT, Hex Flange, MAC Lock Large, 3/8-16
0480	1750618YP	1	SENSOR, Electric Height Of Cut
0490	84004759	1	BRACKET, Upstop
0500	1756064AYP	1	BRACKET, Height of Cut
0510	703816	2	PIN, Threaded, Shoulder
0515	1960687SM	4	NUT, Hex Flange Nylock, ESNA, 3/8-16
0530	1722320SM	2	PIN, Cotter, Locking,
0540	1708088ASM	2	CHAIN, Lift, 4 Link
0550	84003749	1	HARNESS, Mower, EHOC
0560	5101215YP	1	SPACER, 1/4 ID x 3/8 OK x 1-1/4

50" (127cm) Mower Deck - Height Adjust & Roller Group

Note: Unless noted otherwise, use the standard torque specifications

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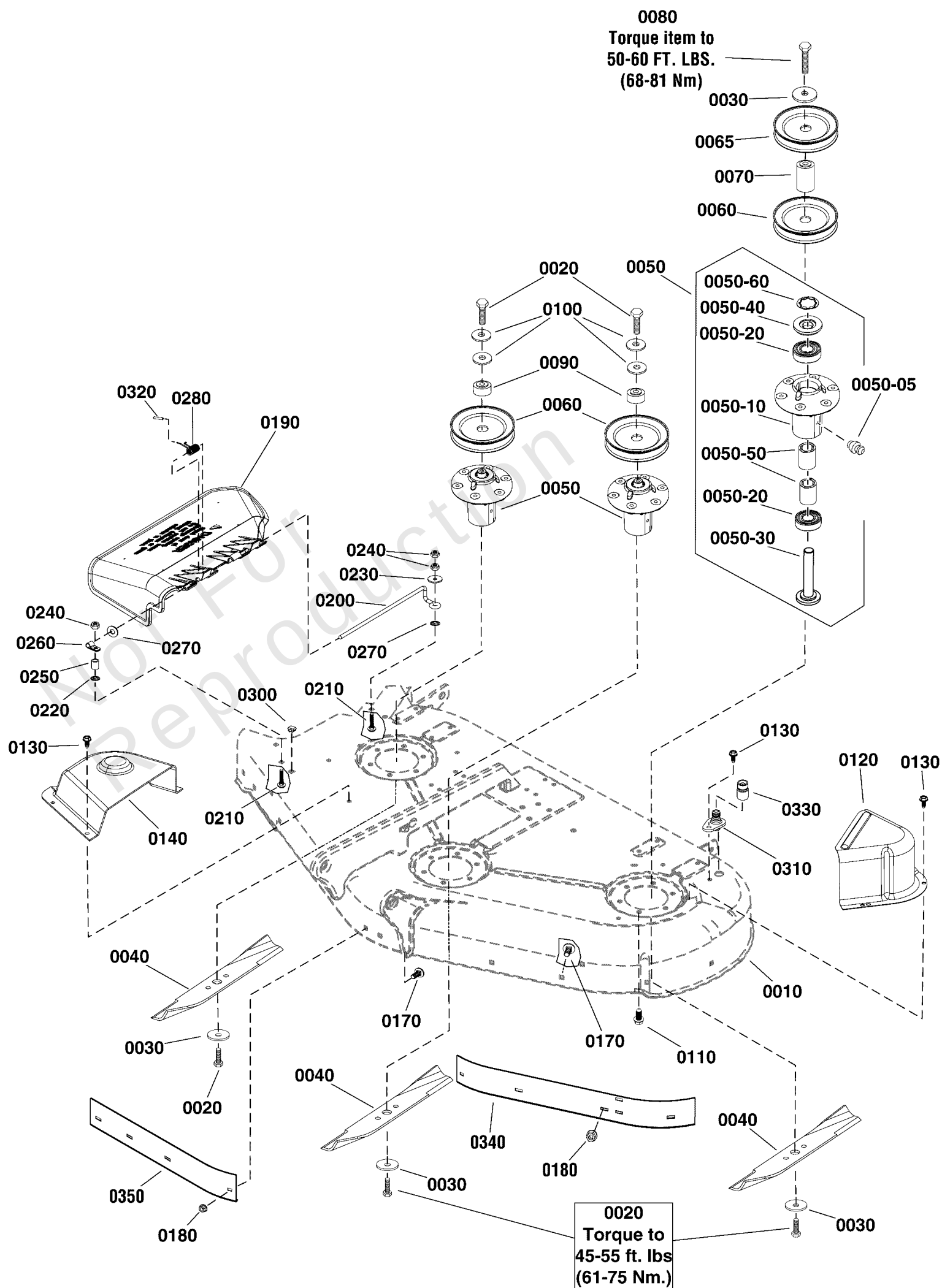
50" (127cm) Mower Deck - Height Adjust & Roller Group

REF NO	PART NO	QTY	DESCRIPTION
0565	1921963SM	1	CAPSCREW, Hex Flange Head, 1/4-20 x 2
0570	703332	1	WASHER, Flat, 1/4
0580	7091584SM	1	NUT, Serrated Flange,1/4-20, GR5
0620	5025011X18SM	1	BOLT, 5/16-18 X 2-1/4" GD5 YZ
0630	703115	1	NUT, Flange Nylock, 5/16-18
0640	5025388YP	1	NUT, Hex Jam, 5/16-18
0800	84004758	2	LINK
0820	703130	2	BOLT, Carriage, 3/8-16 X 1 1/4, GR5

50" (127cm) Mower Deck - Housing, Arbors & Blades Group

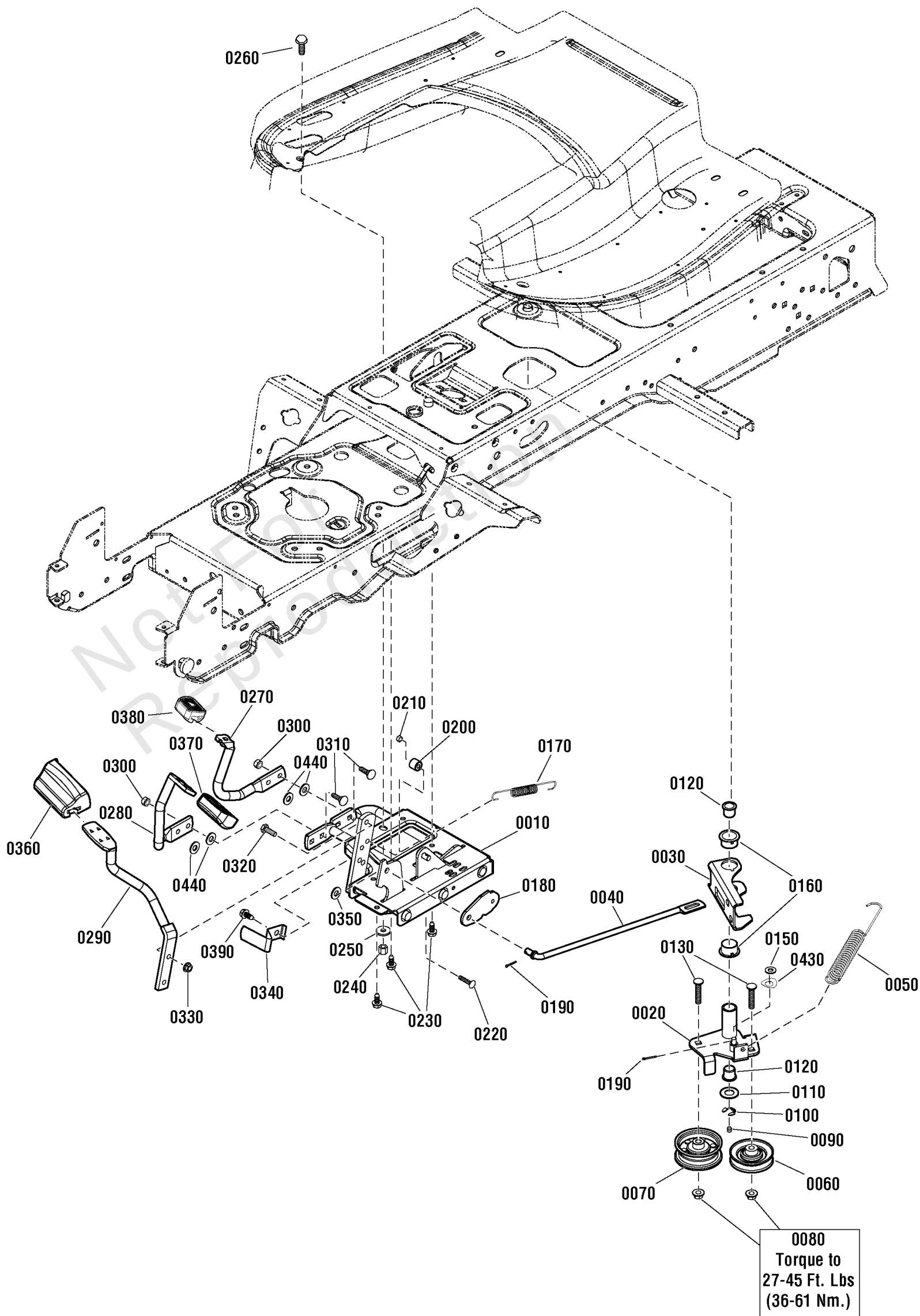
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50" (127cm) Mower Deck - Housing, Arbors & Blades Group

REF NO	PART NO	QTY	DESCRIPTION
0010	770595	1	DECK, Mower, 50", Orange
0020	703579	5	CAPSCREW, Hex Head, 7/16-14 x 1-1/4, GR8
0030	1656916SM	4	WASHER, Spring
0040	1726453ASM	3	BLADE, Mower 50", Center & L.H.
0050	84003172	3	ARBOR ASSEMBLY
0050-05	1704314SM	1	FITTING, Lube, 1/4
0050-10	84003653	1	HOUSING, w/Lube Fitting
0050-20	84003165	1	SHAFT, Spindle
0050-30	1735399YP	2	BEARING, Ball, 20mm
0050-40	84003166	1	SHIELD, Arbor
0050-50	84003167	1	SPACER, Bearing
0050-60	1960766SM	1	RING, Self Locking
0060	1755470YP	3	PULLEY, Deep Groove, 4 1/4
0065	1732951SM	1	PULLEY, .68" Deep-Groove OD 4.6"
0070	1755439YP	1	HUB, Pulley Double
0080	705439	1	CAPSCREW, Hex Head, 7/16-14 X 3 1/4
0090	1735579YP	2	SPACER, Lower Drive
0100	1960769SM	4	WASHER, Belleville
0110	704146	18	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1
0120	1720560ASM	1	COVER, Arbor LH
0130	703228	10	SCREW, Washer Head Taptite, 5/16-18 X 3/4
0140	1715673SM	1	COVER, Arbor (RH)
0170	703125	8	BOLT, Carriage, 5/16-18 x 5/8, GR5
0180	1927557SM	8	NUT, Hex Flange Lock, Large, 5/16-18
0190	1705449SM	1	DEFLECTOR, Discharge
0200	1706709SM	1	ROD, Deflector
0210	704214	1	BOLT, Carriage, Short Neck, 1/4-20 x 1 1/2, GR5
0220	1960674SM	2	NUT, Push Pal 1/4 Diameter Thread
0230	703229	1	WASHER, 1/4 x 27/32
0240	1920397SM	3	NUT, Hex Lock, ESNA Light, 1/4-20
0250	5102812YP	1	SPACER
0260	1704873SM	1	CLAMP, Wire, 5/16 Diameter
0270	1919326SM	1	WASHER, 5/16
0280	7101082SM	1	SPRING, Torsion Chute, 44" & 50" Decks
0300	7046780SM	1	PLUG, Hole, .44" OD
0310	1735716YP	1	ADAPTER, Washout Port
0320	1723323SM	1	CAP, Spring End
0330	1756246YP	1	CONNECTOR, Washout Port
0340	1758150AYP	1	BAFFLE, Blowout LH
0350	1758149AYP	1	BAFFLE, Blowout RH



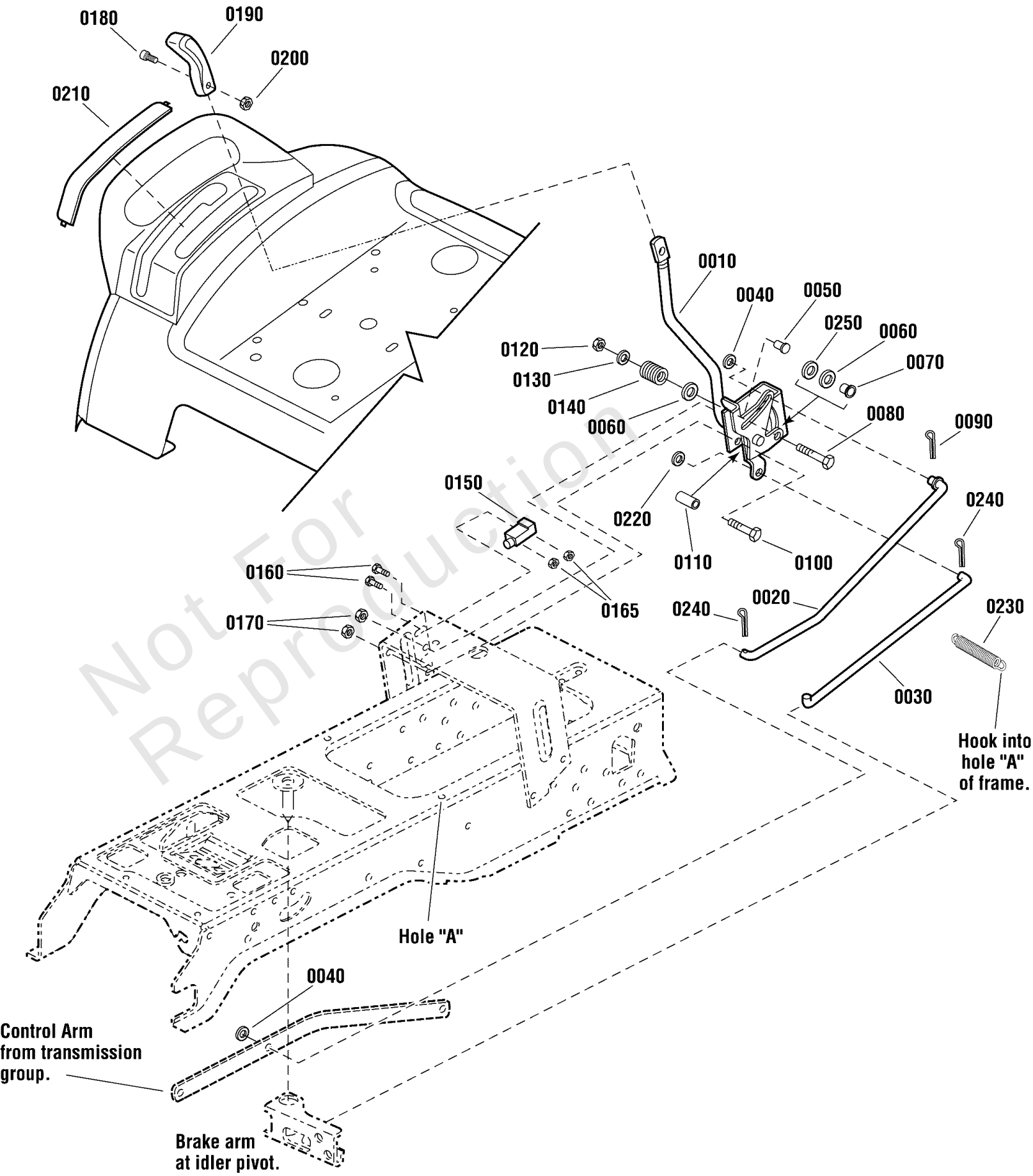
Controls Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1755599AYP	1	FOOT PEDAL ASSEMBLY
0020	1726882SM	1	IDLER ARM ASSEMBLY
0030	1722513SM	1	ARM, Brake, 5.43
0040	1721476SM	1	ROD, Brake
0050	1725250SM	1	SPRING, Extension, 7-3/4
0060	1721134SM	1	PULLEY, 3" OD
0070	1721133SM	1	PULLEY, Idler, 3/8 ID x 2-3/4
0080	1960687SM	2	NUT, Hex Flange, ESNA, 3/8-16
0090	2821133SM	1	FITTING, Lube
0100	1704420SM	1	RING, Klipring, 5/8
0110	1960020SM	1	WASHER, Plain, 21/32
0120	1663114SM	2	BUSHING, Nylon, 5/8 ID x 3/4 OD x 3/4
0130	1931353SM	2	BOLT, Carriage, Short Neck, 3/8-16 x 1-3/4, GR5
0150	1919326SM	1	WASHER, 5/16
0160	1723237SM	2	BUSHING, Nylon, 1 x 1-1/8 x 5/8
0170	1721995SM	1	SPRING, Extension, 5/8 x 6-5/8
0180	1755598AYP	1	LATCH, Parking Brake
0190	703312	2	PIN, Cotter, 3/32 x 3/4
0200	1732564SM	1	SPACER, 1/4 x 5/8 x 1/2
0210	1920397SM	1	NUT, Hex Lock, ESNA Light, 1/4-20
0220	1931320SM	1	BOLT, Carriage, Short Neck, 1/4-20 x 1-1/4, GR5
0230	703228	3	SCREW, Washer Head Taptite, 5/16-18 X 3/4
0240	1919438SM	1	NUT, Hex Lock, ESNA Light, 5/8-18
0250	1919381SM	1	WASHER, 5/16
0260	703410	1	BOLT, Serrated Flange, 5/16-18 X 1.0
0270	1722071ASM	1	PEDAL, Reverse
0280	1722070ASM	1	PEDAL, Forward
0290	1722535ASM	1	PEDAL, Brake
0300	704067	4	NUT, Hex Flange, 5/16-18
0310	703800	4	BOLT, Carriage, 5/16-18 X 1
0320	1921333SM	2	CAPSCREW, Hex Head, 5/16-18 x 1
0320	703570	2	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
0330	1927557SM	2	NUT, Hex Flange, Whiz Lock, 5/16-18
0340	1755620AYP	1	ACTUATOR, Switch
0350	1924940SM	1	WASHER, 3/8
0360	1721577SM	1	PAD, Brake Pedal
0370	1721675SM	1	PAD, Foot Pedal, Forward
0380	1721674SM	1	PAD, Foot Pedal, Reverse
0390	5025059X6SM	1	SCREW, Self Tapping, 5/16-18 x 3/4
0430	5023202SM	1	WASHER, Spring, 3/8
0440	703878	4	WASHER, Flat, 13/32 x 7/8 x .083

Cruise Control Group

Note: Unless noted otherwise, use the standard torque specifications

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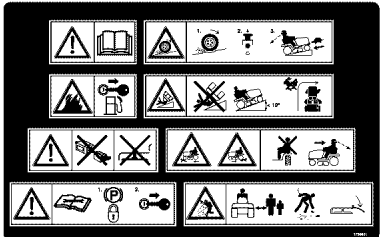
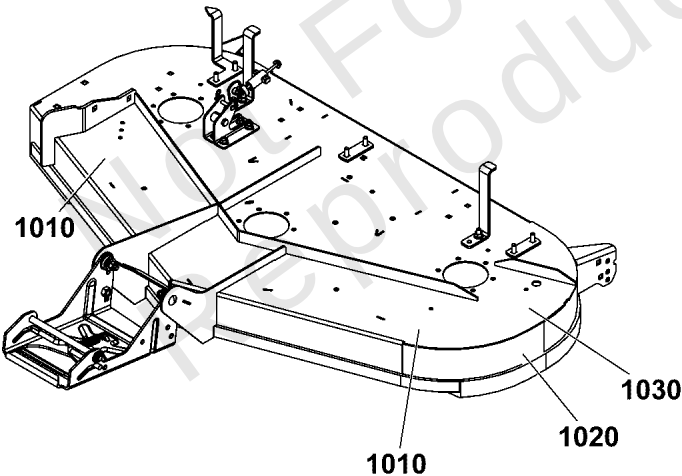
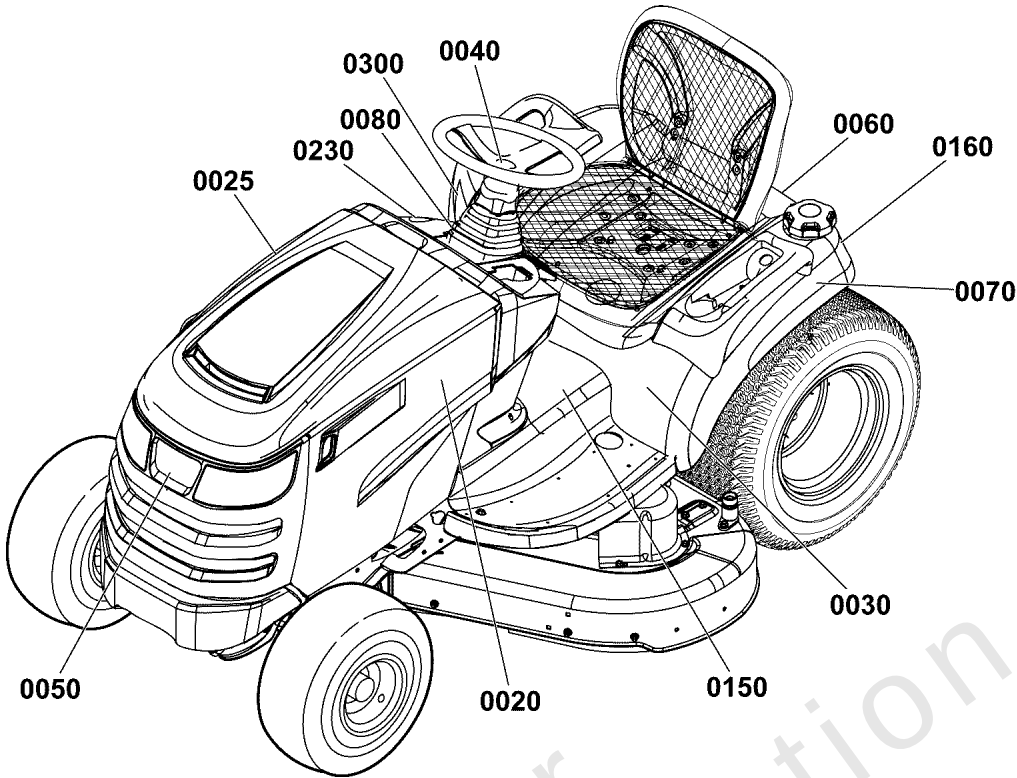
Cruise Control Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1722003AYP	1	LEVER & BRACKET ASSEMBLY, Cruise
0020	1722117SM	1	ROD, Cruise
0030	1733719SM	1	ROD, Return
0040	1960103SM	3	WASHER, 3/8"
0050	1931333SM	1	BOLT, Carriage, 5/16-18 x 3/4
0060	2826192SM	2	WASHER, 1/2
0070	1709043SM	1	SPACER, w/Flange, 11/32 x 15/32 x 3/4
0080	1931342SM	1	BOLT, Carriage, 5/16-18 x 2-3/4
0090	1918447SM	1	PIN, Cotter
0100	1960273SM	1	BOLT, Carriage, 5/16-18 x 2-1/4
0110	1722080SM	1	SPACER, .357 x 5/8 x 1.4
0120	1919438SM	1	NUT, Hex Lock ESNA Light, 5/16-18
0130	1919381SM	1	WASHER, 5/16
0140	1677746SM	1	SPRING, Compression
0150	1717050SM	1	SWITCH, Push, Neutral Start, Gray
0160	1933737SM	2	SCREW, Hex Washer Head, 10-24 x 5/8
0165	1960591SM	2	NUT, Hex, 10-24
0170	1960636SM	2	NUT, Hex KEPS, 5/16-18
0180	1960666SM	1	SCREW, Torque Head Plus Socket Head, 1/4-20 x 7/8
0190	1722303SM	1	HANDLE, Cruise
0200	1920397SM	1	NUT, Hex Lock ESNA Light, 1/4-20
0210	1722314SM	1	COVER, w/Cruise Icon
0220	704015	1	WASHER, Flat, 5/16
0230	2159106SM	1	SPRING, Cruise Return to Frame
0240	1722460SM	2	PIN, Quick
0250	1705928SM	1	DISK, Friction
			-(
			-Used before serial Nos 2017753000)

Decals Group

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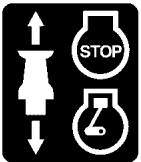
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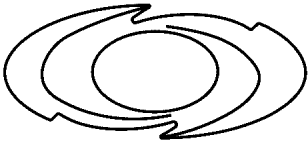
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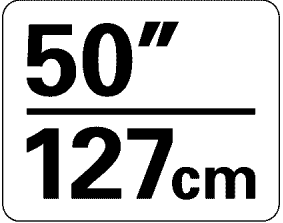
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0050



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0030



0070



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0020 / 0025



0060



1020

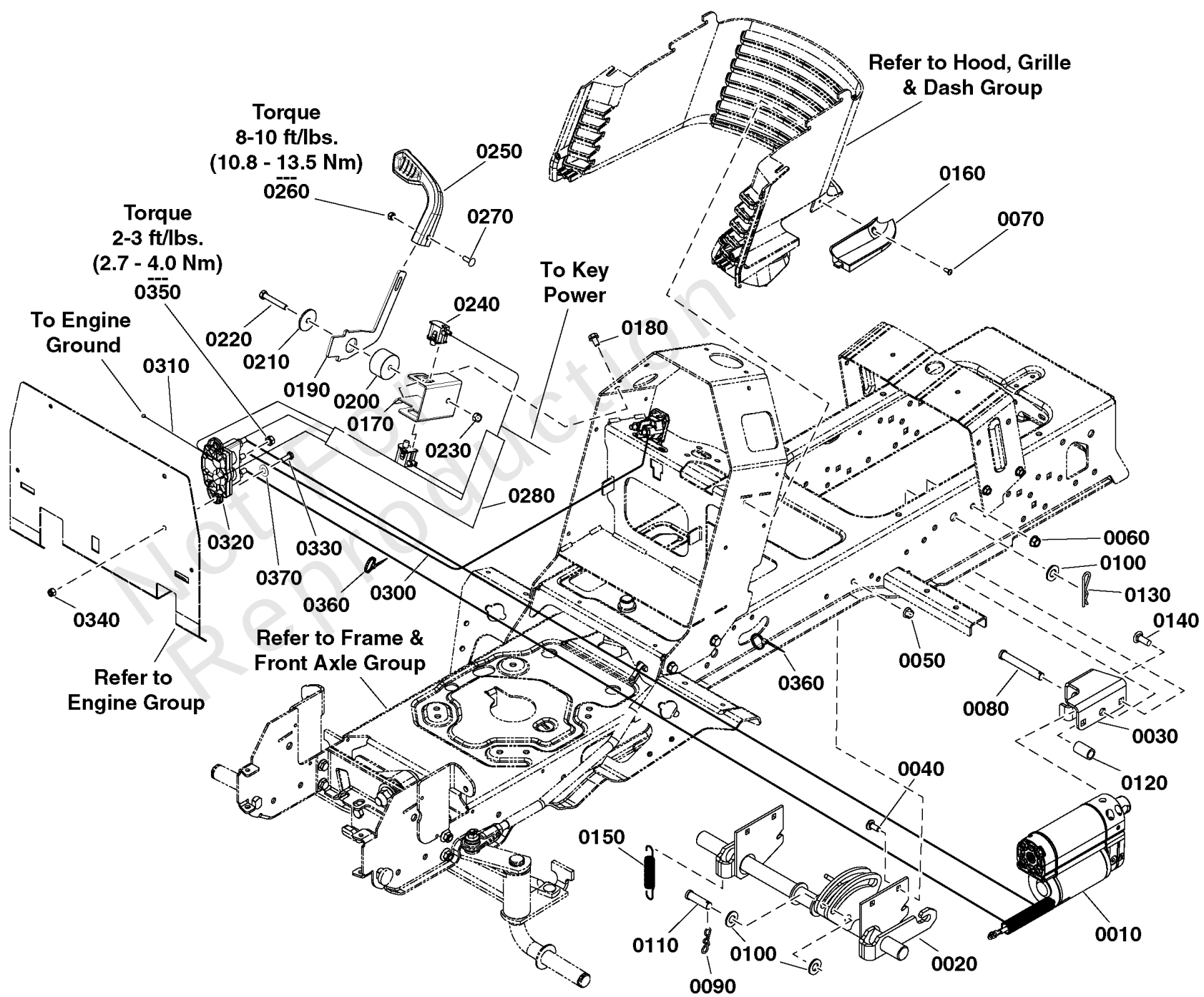
Decals Group

REF NO	PART NO	QTY	DESCRIPTION
0020	1755902YP	1	DECAL, Logo, Simplicity, LH
0025	1755903YP	1	DECAL, Logo, Simplicity, RH
0030	772330	1	DECAL, Conquest
0040	1755843YP	1	DECAL, Logo, Steering Wheel
0050	1755798YP	1	DECAL, 3D, Logo, Simplicity
0060	1757673YP	1	DECAL, Model, SMI Logo 10.47" Long
0070	84004399	1	DECAL, Automatic Controlled Traction
0080	84004401	1	DECAL, Power Steering
0150	1750631YP	1	DECAL, Tunnel, Export
0160	1723160SM	1	DECAL, Transmission Release Valve
0230	84003695	1	DECAL, KEY FOB, CONTROL
0250	1758877YP	1	DECAL, SCS
0290	1754246YP	1	DECAL, Powered by Briggs
0300	84006011	1	DECAL, SYT510
1010	7106109YP	2	DECAL, Danger
1020	1755726YP	1	DECAL, Free Floating Deck
1030	1755720YP	1	DECAL, MOWER WIDTH 50IN/127CM

Electric Lift Group

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Electric Lift Group

REF NO	PART NO	QTY	DESCRIPTION
0010	84003773	1	ACTUATOR
0020	84003699	1	ACTUATOR
0030	84003751	1	SUPPORT
0040	703185	4	BOLT, Carriage, 5/16-18 X 3/4
0050	703115	4	NUT, Flange Nylock, 5/16-18
0060	703333	2	NUT, 3/8-16, Flanged Lock, GR5
0070	1739329YP	1	SCREW, PT Thread, 5mm Dia. x 12mm
0080	1725223SM	1	PIN, Clevis
0090	1722320SM	1	PIN, Cotter, Locking,
0100	704123	3	WASHER, 1/2 Flat
0110	84005130	1	PIN, Clevis
0120	84003784	1	SPACER
0130	1960033SM	1	CLIP, Hair Pin
0140	703815	2	BOLT, Carriage, 3/8-16 X 1
0150	2156302SM	2	SPRING, Extension
0160	1755441YP	1	PLUG, Dash Lift
0170	84003957	1	BRACKET
0180	703985	2	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
0190	84003776	1	LEVER
0200	84004945	1	SPACER
0210	1920283SM	1	WASHER, Flat, 11/32 x 1-1/2 x 7/64
0220	703867	1	CAPSCREW, Hex Head, 5/16-18 x 2, GR5
0230	703902	1	NUT, Hex Nylock, 5/16-18
0240	84003777	2	SWITCH
0250	84003726	1	HANDLE
0260	84004946	1	NUT, Acorn, 1/4-20
0270	703584	1	BOLT, Carriage, 1/4-20 x 1
0280	84003775	1	HARNESS
0300	84004339	1	CABLE, Power
0310	84003740	1	CABLE
0320	84003769	1	CONTACTOR
0330	703925	2	CAPSCREW, Hex Head, 1/4-20 x 5/8, GR5
0340	703232	2	NUT, Hex Lock, 1/4-20, ESNA
0350	2860750SM	4	NUT, Hex Lock, KEPS, 5/16-24
0360	703586	1	TIE, Cable
0370	703332	2	WASHER, Flat, 1/4

Electrical Group

REF NO	PART NO	QTY	DESCRIPTION
0010	-----	1	BATTERY, CE, 12 VOLT 340 CCA - 11U1L
0020	1755468YP	1	CABLE, Electric, #6 X 8", Red -(Non-EFI Models Only)
0030	1721830SM	1	CABLE, #6 x 25
0040	1755469YP	1	CABLE, Electric, #6 X 17.5", Black
0050	1677296SM	1	BOOT, Insulator, Red
0060	1713535SM	2	BOOT, Insulator -(Qty. 1 for EFI Models)
0070	1960295SM	2	CAPSCREW, Hex Head Whizlock, 1/4-20 x 5/8
0100	2816622SM	3	NUT, Hex, 1/4-20
0105	703233	2	NUT, 1/4-20
0110	1755381YP	1	SOLENOID
0120	1925003SM	2	SCREW, Hex Washer Head, Taptite, 1/4-20X0.500
0130	1665238SM	1	BREAKER, Circuit, 20 Amp
0140	2860750SM	2	NUT, Hex KEPS, 5/16-24
0150	1722009SM	1	STRAP, Rubber
0160	84003725	1	BEZEL
0191	1739329YP	2	SCREW, 5mm. x 12mm Lg
0200	705979	1	PANEL, Instrument
0210	1739681BMYP	1	BRACKET, Instrument Panel
0220	67885GS	2	NUT, Nylock, M6-1
0230	1737523YP	1	SENDER, Fuel
0240	2860665SM	5	SCREW, Pan Head, 10-32 X 1/2
0270	1722309SM	1	PLUG
0280	1725302SM	1	OUTLET, 12 Volt
0290	1665237SM	1	WIRE, 12GA, 5.9
0300	84003739	1	HARNESS, Main
0310	7022886YP	2	SWITCH, DP NO/NC SNAP-IN
0330	1726556SM	1	SWITCH, Reverse Mow Option
0350	1761475YP	1	SWITCH, Height of Cut
0360	1757736YP	1	SWITCH, PTO
0370	1757737YP	1	SWITCH, Headlight
0390	84003613	1	SWITCH ASSEMBLY, Push Button Start
0390	7106169YP	1	SWITCH, Ignition, 3 Position
0410	703054	1	SCREW, Hex Washer Head, 1/4-20 x 5/8
0415	1921880SM	1	LOCKWASHER, External Tooth, 1/4
0420	1726829SM	1	RELAY, Single Pole, Double Throw -(Non-EFI Models Only)
0430	1739020YP	1	PANEL, Control, Push Button Start -(Non-EFI Models Only) (For Replacement Refer To Reference Number 1000)
0440	1701011SM	6	TIE, Self Lock -(Non-EFI Models Only)
0450	5050861X6YP	1	WIRE LOOM, 5/8 ID X 6 IN -(Non-EFI Models Only)
0460	1704351SM	1	FASTENER, Panel -(Non-EFI Models Only)
0470	1960295SM	1	SCREW, Hex Flange, Whiz Lock, 1/4-20 x 5/8 -(Non-EFI Models Only)
0480	703463	1	NUT, Flange Nylock , 1/4-20 -(Non-EFI Models Only)
0490	1734025SM	1	WIRES & CONNECTORS ASSEMBLY, Jumper -(Non-EFI Models Only)
0640	1759876YP	1	HARNESS, Pigtail -(Non-EFI Models Only)

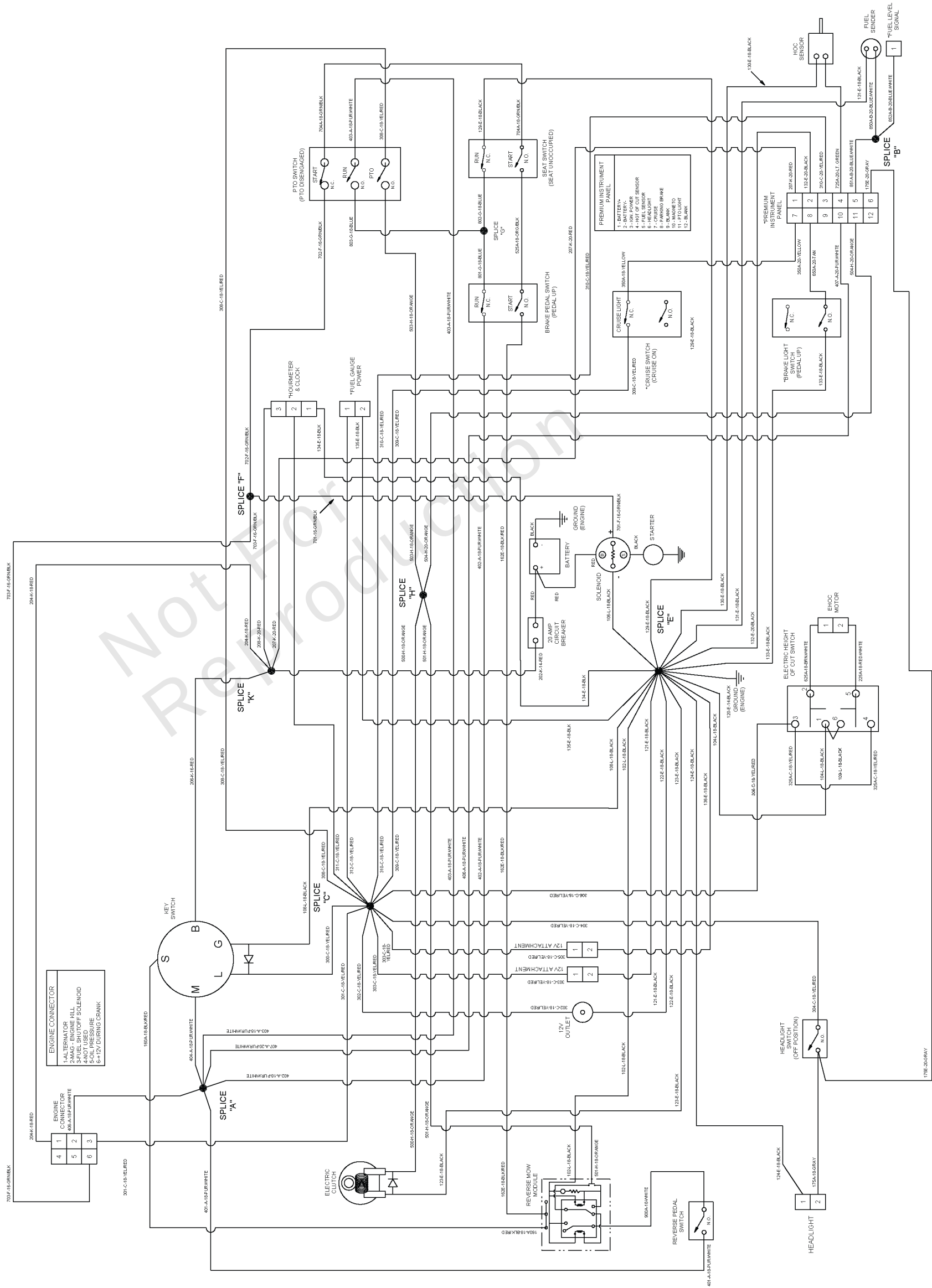
Electrical Group

REF NO	PART NO	QTY	DESCRIPTION
0740	1759981YP	1	HARNESS, Fuel Shut Off -(Non-EFI Models Only)
1000	1688084	1	KIT, IGNITION -(Incl. Ref. Nos. 0380, 0390, 0750, 1010, 1020)
0380	282640YP	1	PLUG, Hole
0390	84003613	1	SWITCH ASSEMBLY, Push Button Start
0750	84003694	1	ADAPTER, Harness
0760	84003744	1	HARNESS, Headlight
1010	84003695	1	DECAL, KEY FOB, CONTROL
1020	84003869	1	BLISTER PACK

Electrical Schematic -

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



Electrical Schematic -

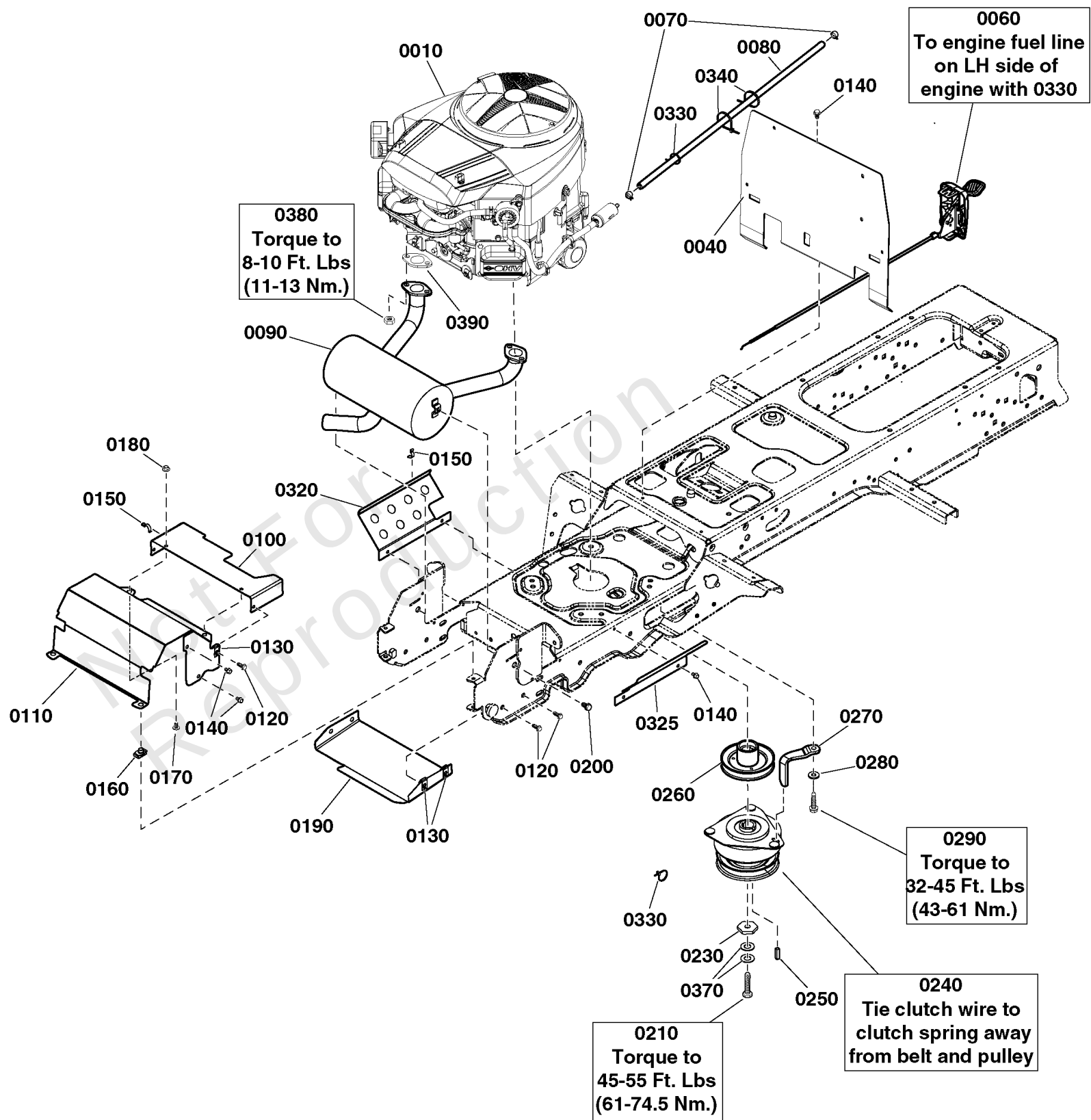
REF NO	PART NO	QTY	DESCRIPTION
0010	84003739	1	HARNESS, Main

Not For Reproduction

Engine Group - 25 Gross HP Briggs & Stratton

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00

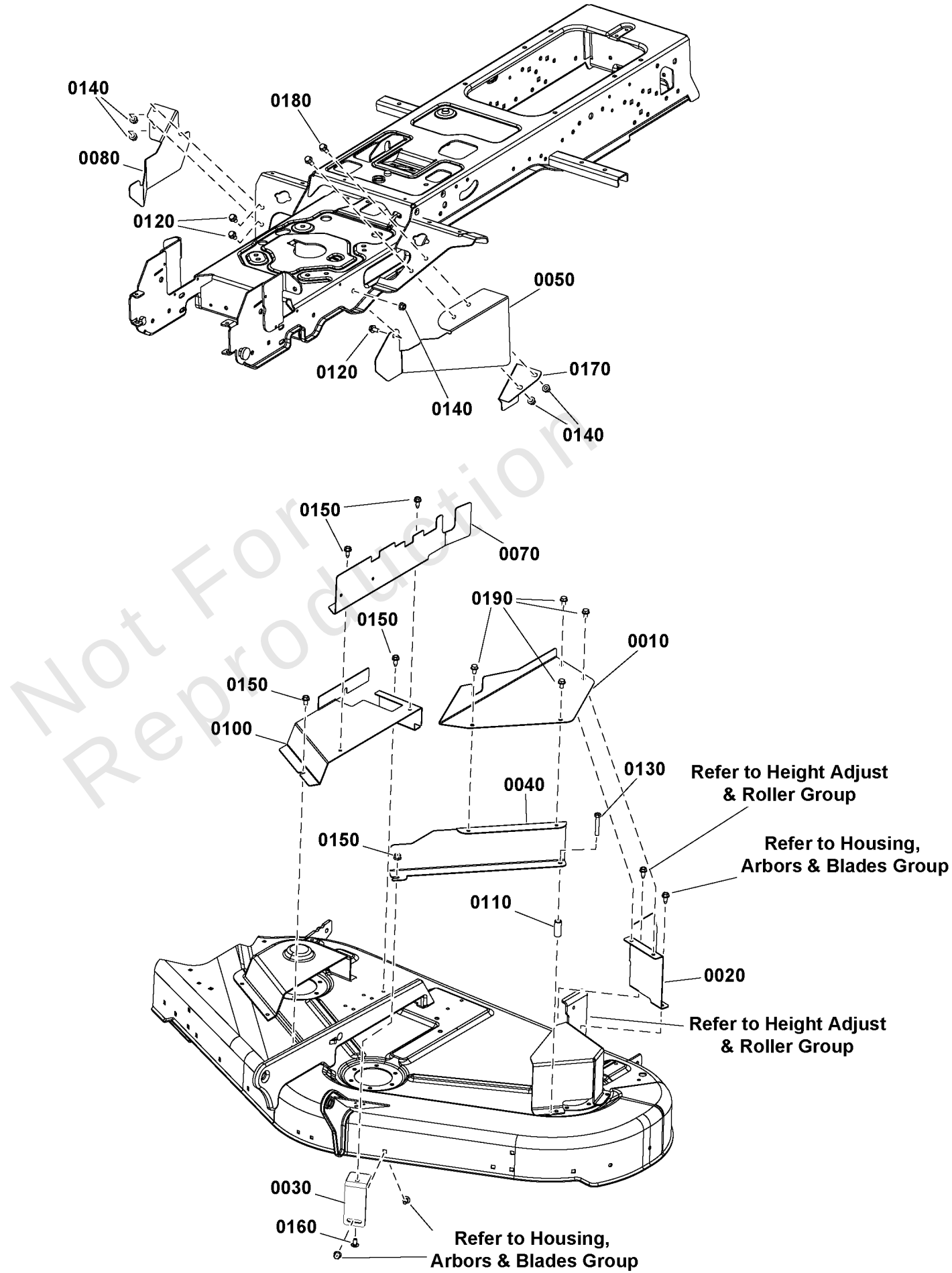


Engine Group - 25 Gross HP Briggs & Stratton

REF NO	PART NO	QTY	DESCRIPTION
0010	44U777-0013-B5	1	* ENGINE, 25 Gross HP Briggs & Stratton -(Engine Model: 44U777-0013-B5)
0040	1755854AYP	1	FIREWALL, Engine
0060	1754915YP	1	THROTTLE
0070	93053B	2	CLAMP, Hose
0080	199086X46YP	1	HOSE, Fuel
0090	1721706SM	1	MUFFLER, Briggs & Stratton, INTEK Twin
0100	1722390ASM	1	DUCT, Muffler Extension
0110	1722389ASM	1	DUCT, Muffler, Top
0120	1960295SM	6	CAPSCREW, Hex Flange, Whiz Lock, 1/4-20 x 5/8
0130	1960368SM	6	NUT, Speed Lug Type, 1/4-20
0140	1927428SM	8	CAPSCREW, Hex Washer Head Taptite, 1/4-20 x 3/8
0150	703176	2	CLIP, Wire
0160	1935255SM	2	NUT, Speed, Lug Type, 5/16-18
0170	5025299X4SM	2	SCREW, ALLEN HEAD 1/4-20 X .500 ZINC PHOS
0180	703233	2	NUT, Serrated, Flange, 1/4-20, GR5
0190	1722414ASM	1	SHIELD, Muffler Bottom
0200	1924856SM	2	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
0210	771023	1	CAPSCREW, Hex Head, Loctite, 7/16-20 x 3 1/2
0230	1708264SM	1	WASHER, Hex
0240	1736105SM	1	CLUTCH, Ogura
0260	1732576SM	1	PULLEY & HUB ASSEMBLY, Engine
0270	1737421AYP	1	GUIDE, Belt
0280	1924940SM	1	WASHER, 3/8, .41 ID x .87 OD x .08 THK
0290	704010	4	CAPSCREW, Hex Head, Taptite, 3/8-16 x 1-1/2
0320	84004681	1	SHIELD, RH
0325	1722392ASM	1	SHIELD, Side, Heat
0330	2832747SM	2	TIE, Self Locking, 3-5/8 LG
0340	703586	1	TIE, Cable
0370	1960769YP	2	WASHER, Belleville
0380	690941	1	NUT
0390	593676	1	GASKET SET, Engine

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.



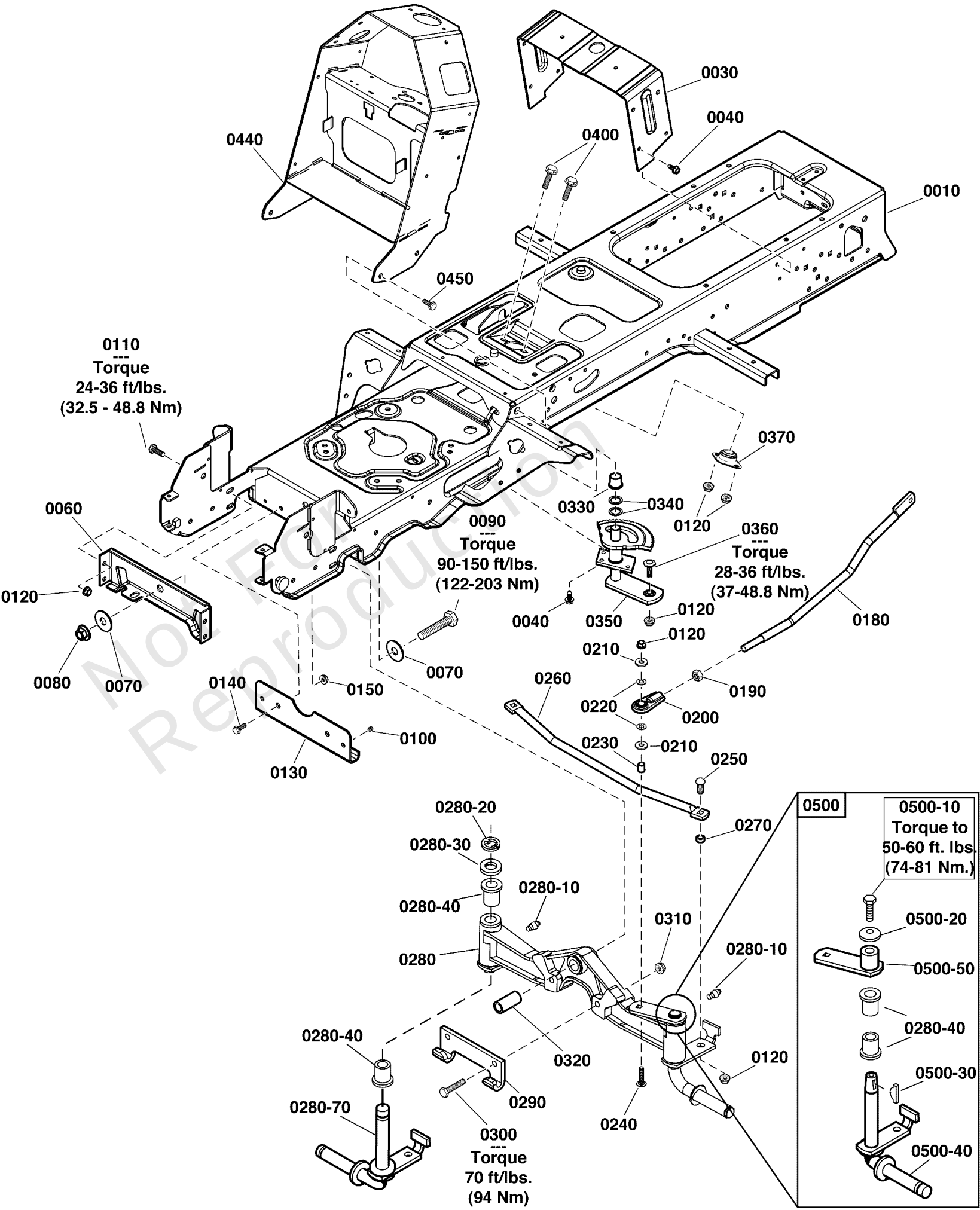
EU Guard Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1759183AYP	1	GUARD, Cover
0020	84004749	1	GUARD, LH
0030	1759185AYP	1	BRACKET, Mounting
0040	1759186AYP	1	GUARD, Belt
0050	84004752	1	GUARD, Clutch, LH
0070	84004750	1	GUARD, RH
0080	84004754	1	GUARD, Clutch, RH
0100	1758113AYP	1	GUARD, Drive Belt
0110	5048264SM	1	SPACER, .39 X .63 X 1.50, CZ
0120	703823	3	BOLT, 5/16-18 x 5/8 Hex Flange lock, GR 5, YZ
0130	2860583SM	1	CAPSCREW, Taptite Hex Washer Head, 5/16-18 x 3
0140	703115	6	NUT, Flange Nylock, 5/16-18
0150	703228	4	SCREW, Washer Head Taptite, 5/16-18 X 3/4
0160	703125	1	BOLT, Carriage, 5/16-18 x 5/8, GR5
0170	84004751	1	
0180	9357MA	2	SCREW, Tapping, 5/16-18 x 3/4
0190	703985	4	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2

Frame & Front Axle Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



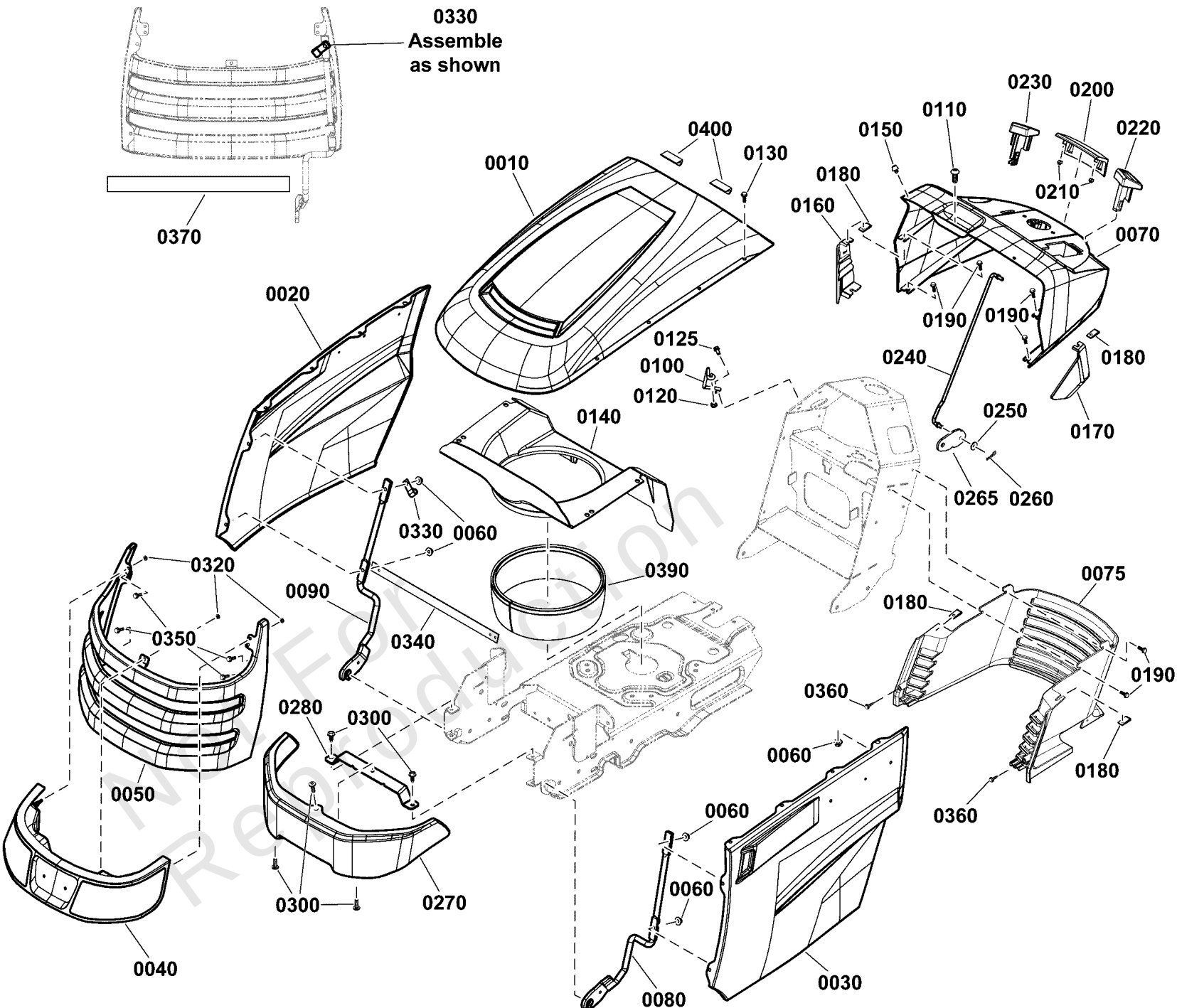
Frame & Front Axle Group

REF NO	PART NO	QTY	DESCRIPTION
0010	-----	1	FRAME -(Not a serviceable part)
0030	1752878AYP	1	SUPPORT, Seat Deck
0040	703228	6	SCREW, Washer Head Taptite, 5/16-18 X 3/4
0060	1722212ASM	1	PLATE, Axle Support
0070	1960035SM	2	WASHER, 5/8
0080	2860646SM	1	NUT, Hex Flange, Two Way Lock, 5/8-11
0090	2860645SM	1	CAPSCREW, Hex Head, 5/8-11 x 3-1/2, GR5
0100	2821133SM	2	FITTING, Lube
0110	1933260SM	4	BOLT, Serrated Flange, 3/8-16 x 3/4, GR5
0120	1930645SM	10	NUT, Hex Flange, Two Way Lock, 3/8-16
0130	1724801ASM	1	PLATE, Axle Wear
0140	1930591SM	2	SCREW, Hex Flange, Whiz Lock, 5/16-18 x 3/4
0150	1931277SM	2	NUT, Hex Flange, Whiz Lock, 5/16-18
0180	1722541SM	1	LINK, Drag
0190	1919262SM	1	NUT, Hex Jam, 1/2-20
0200	1702779SM	1	JOINT-BALL .500-20 THD .500ID
0210	704128	2	WASHER, Flat
0220	1960103SM	2	WASHER, 3/8"
0230	1708236SM	1	SPACER, 0.377 x 1/2 x 5/8"
0240	703858	1	BOLT, Carriage, 3/8-16 X 1 3/4
0250	1931350SM	2	BOLT, Carriage, Short Neck, 3/8-16 x 1 GR5
0260	1722626ASM	1	TIE ROD
0270	1611705SM	2	SPACER, 3/8 x 5/8 x 1/4"
0280	1722200ASM	1	AXLE ASSEMBLY, w/ LH Spindle, Complete
0280-10	1704314SM	3	FITTING, Lube
0280-20	2832577SM	1	RING, Retainer
0280-30	703149	1	WASHER, 1
0280-40	1721682SM	6	BUSHING, 1 ID x 1-1/4 OD x 3/4"
0280-70	1722199SM	1	SPINDLE ASSEMBLY, RH
0290	1721918ASM	1	HOOK, Mower Hitch
0300	1927531SM	2	CAPSCREW, Hex Head, 7/16-14 x 2, G8, Black
0310	1930650SM	2	NUT, Hex Flange, Two Way Lock, 7/16-14
0320	1721752SM	1	SPACER, 5/8 x 1 x 2"
0330	2176440SM	1	BUSHING, Nylon, 3/4 ID x 7/8 OD x 7/8"
0340	703151	2	WASHER, .766 ID X 1.06 OD X .07
0350	1724470ASM	1	STEERING GEAR ASSEMBLY
0360	1960032SM	1	SCREW, Hex Head, 3/8-16 x 1 1/4
0370	1722459SM	1	BEARING, 3/4 x 1-11/16 x 13/16, 3" Long Housing
0400	703407	2	CAPSCREW, Hex Head, 3/8-16 x 1, GR5
0440	84003958	1	TOWER
0450	703950	4	SCREW, Hex Washer Head, Thread Roll, 5/16-18 X 5/8
0500	1686985SM	1	KIT, Spindle Assembly, LH
0500-10	2823485SM	1	CAPSCREW, 3/8-16 x 7/8, GR8
0500-20	1663151SM	1	WASHER, Spring, 3/8
0500-30	2830671SM	1	KEY, Woodruff
0500-40	1724264SM	1	SPINDLE, LH
0500-50	1725112SM	1	HUB & ARM ASSEMBLY

Hood, Grille & Dash Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



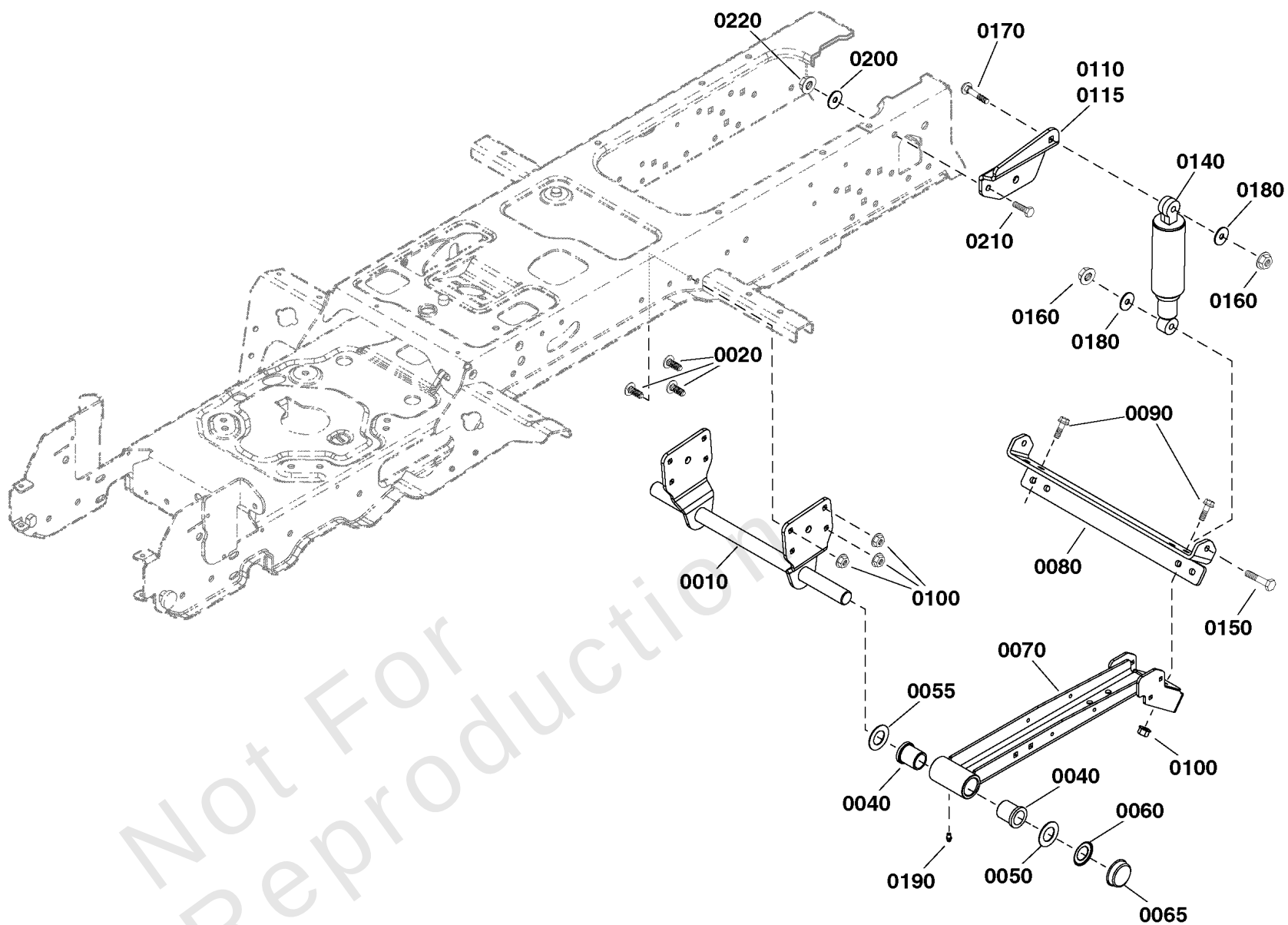
Hood, Grille & Dash Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1754921CYP	1	HOOD, Top
0020	1754925CYP	1	PANEL, Side, RH
0030	1754924CYP	1	PANEL, Side, LH
0040	1754936YP	1	HEADLIGHT ASSEMBLY (LED)
0050	1754922CYP	1	GRILLE, Front
0060	1930641SM	12	NUT, Hex Flange, Whiz Lock, 1/4-20
0070	84003728	1	DASH, Upper
0075	1754859YP	1	DASH, Lower
0080	1755578YP	1	HOOD HINGE ASSEMBLY, LH
0090	1755577YP	1	HOOD HINGE ASSEMBLY, RH
0100	84003727	1	ROD, Dash Support
0110	770135	1	SCREW, Truss HD, 1/4-20 x 3/4
0120	703463	1	NUT, Flange Nylock , 1/4-20
0125	704130	1	SCREW, Hex Head, 1/4-20 X 1/2
0130	1960295SM	8	SCREW, Hex Flange, Whiz Lock, 1/4-20 x 5/8
0140	7102326YP	1	AIR DUCT, Plenum
0150	1755815YP	2	BUMPER, Rubber
0160	1755223YP	1	GUIDE, Hood, RH
0170	1755224YP	1	GUIDE, Hood, LH
0180	1926018SM	4	NUT, Speed, 1/4
0190	703054	8	SCREW, Hex Washer Head, 1/4-20 x 5/8
0200	1754918YP	1	TRIM
0210	703582	2	CLIP, Panel
0220	1755457YP	1	PLUG, Dash Knob
0230	1754862YP	1	KNOB, Parking Brake
0240	1755594YP	1	ROD, Parking Brake
0250	1921319SM	1	WASHER, 184
0260	1722460SM	1	PIN, Quick, 1.19"
0265	1755598AYP	1	LATCH, Parking Brake
0270	1754923AYP	1	BUMPER
0280	1755506AYP	1	SUPPORT, Front Bumper
0300	703228	5	SCREW, Washer Head Taptite, 5/16-18 X 3/4
0320	1960521SM	3	NUT, Push
0330	7012652YP	2	CLIP, Wire, 7/16
0340	1756204AYP	1	STRIP, Hood Support
0350	1960611SM	4	SCREW, Hex Flange, Whiz Lock, 1/4-20 x 1
0360	1960536SM	2	SCREW, Hex Washer Head, Plastite, 1/4 x 1/2
0370	1758731YP	1	INSULATION, 2 x 12 1/2
0390	84004638	1	SEAL, Hood Shroud
0400	84004684	1	SEAL, Edging

Rear Suspension Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



Rear Suspension Group

REF NO	PART NO	QTY	DESCRIPTION
0010	84004261	1	CARRIER SUPPORT
0020	1931334SM	6	BOLT, Carriage, Short Neck, 5/16-18 x 7/8, GR 5
0040	5021541SM	4	BUSHING, FLANGE
0050	703199	2	WASHER, Flat
0055	84004830	2	WASHER, 1"
0060	703200	2	NUT, Push
0065	094618MA	2	HUB CAP
0070	84004828	2	CARRIER ARM ASSEMBLY
0080	1754642AYP	1	BRACKET, Support, Rear Swing Arm
0090	703410	8	BOLT, Serrated Flange, 5/16-18 X 1.0
0100	1960686SM	14	NUT, Hex Flange Nylock, 5/16-18
0110	1754646AYP	1	BRACKET, Shock Mount, RH -(Not Shown)
0115	1755430AYP	1	BRACKET, Shock Mount, LH
0140	1755531YP	2	ABSORBER, Shock
0140	1758705YP	2	**SHOCK ABSORBER, 10 1/2"
0150	1921971YP	4	CAPSCREW, Hex Head, 3/8-16 x 1-3/4 GR5
0160	1960687SM	2	NUT, Hex Flange Nylock, ESNA, 3/8-16
0170	1931353SM	4	BOLT, Carriage, Short Neck, 3/8-16 x 1-3/4, G5
0180	5025165SM	2	WASHER, Fender, 3/8
0190	1704314SM	2	FITTING, Lube, 1/4
0200	704128	2	WASHER, Flat
0210	703407	2	CAPSCREW, Hex Head, 3/8-16 x 1, GR5
0220	703793		NUT, Lock, Flange, 3/8-16

Footnotes:

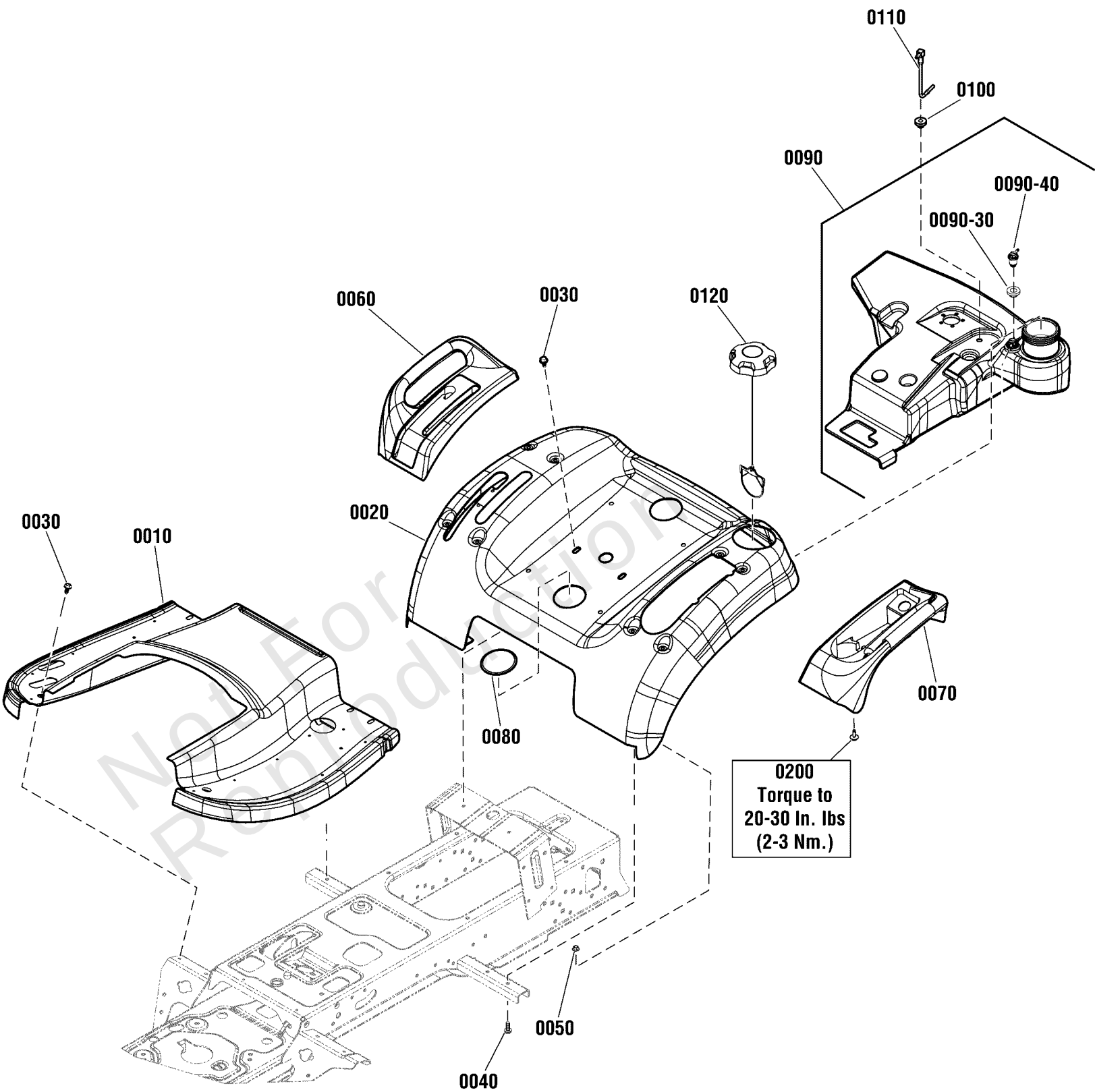
Note:** Spring Rate 160lbs / 59.7kg +/- 10lbs / 3.7kg

Note:* Spring Rate 125lbs / 46.7kg +/- 10lbs / 3.7kg

Seat Deck Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



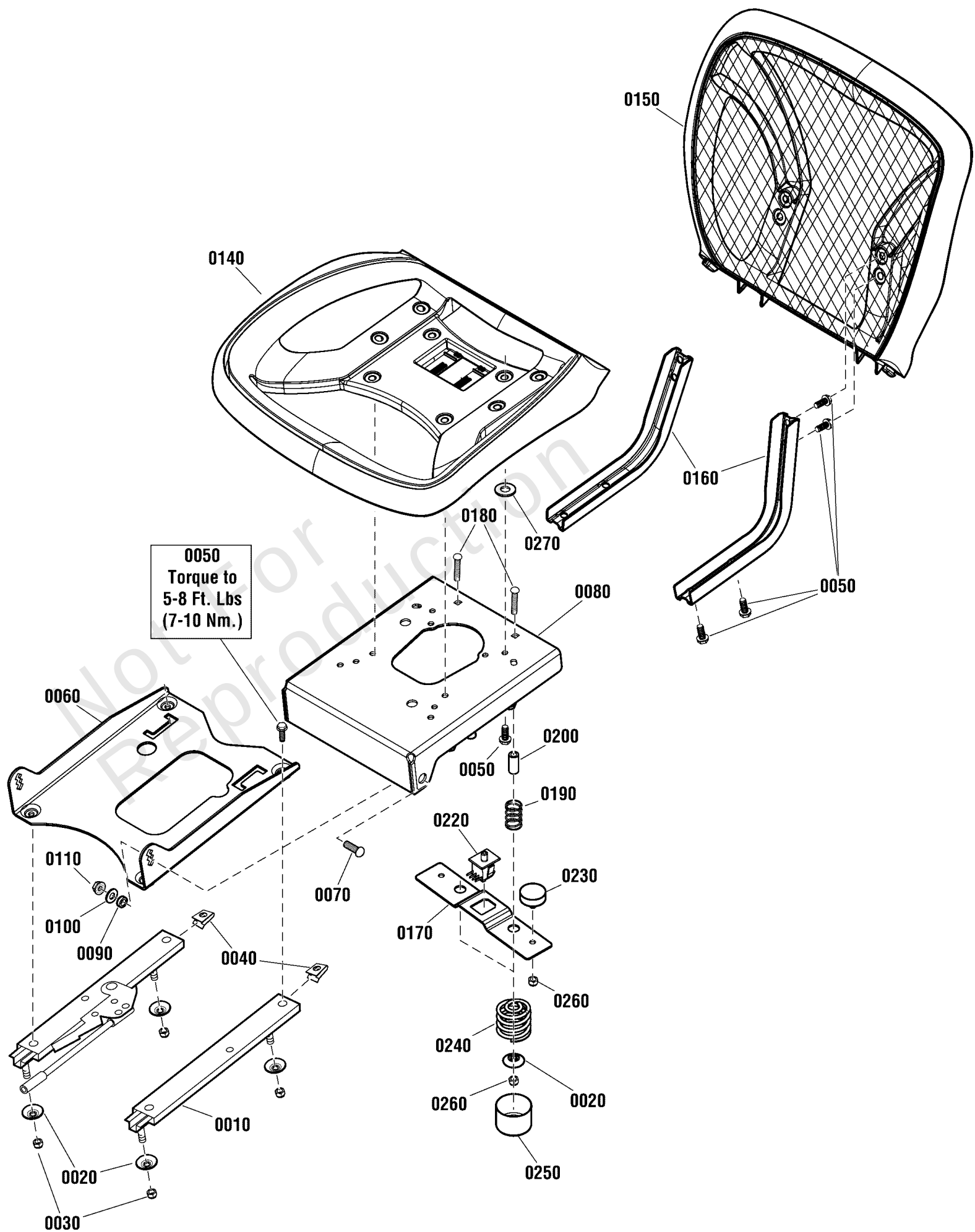
Seat Deck Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1722105CSM	1	TUNNEL
0020	1722106CSM	1	DECK, Seat
0030	703949	4	SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
0040	1930595SM	4	SCREW, Hex Flange, Whiz Lock, 5/16-18 x 1 1/4
0050	1931277SM	4	NUT, Hex Flange, Whiz Lock, 5/16-18
0060	1722108SM	1	POD, RH
0070	1729711SM	1	POD, With Cup Holder, LH
0080	1722309SM	1	PLUG, Hole
0090	1722432SM	1	TANK, Fuel
0090-30	799624	1	GROMMET
0090-40	7104638YP	1	REMOTE VENT ASSY, No Valve
0100	1654930SM	1	BUSHING, Fuel Tank
0110	1757609YP	1	TUBE, Fuel Pickup
0120	1715917SM	1	FUEL CAP
0200	2860664SM	8	SCREW, Conical Washer, 1/4-20 x 7/8 Dog Point

Seat Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



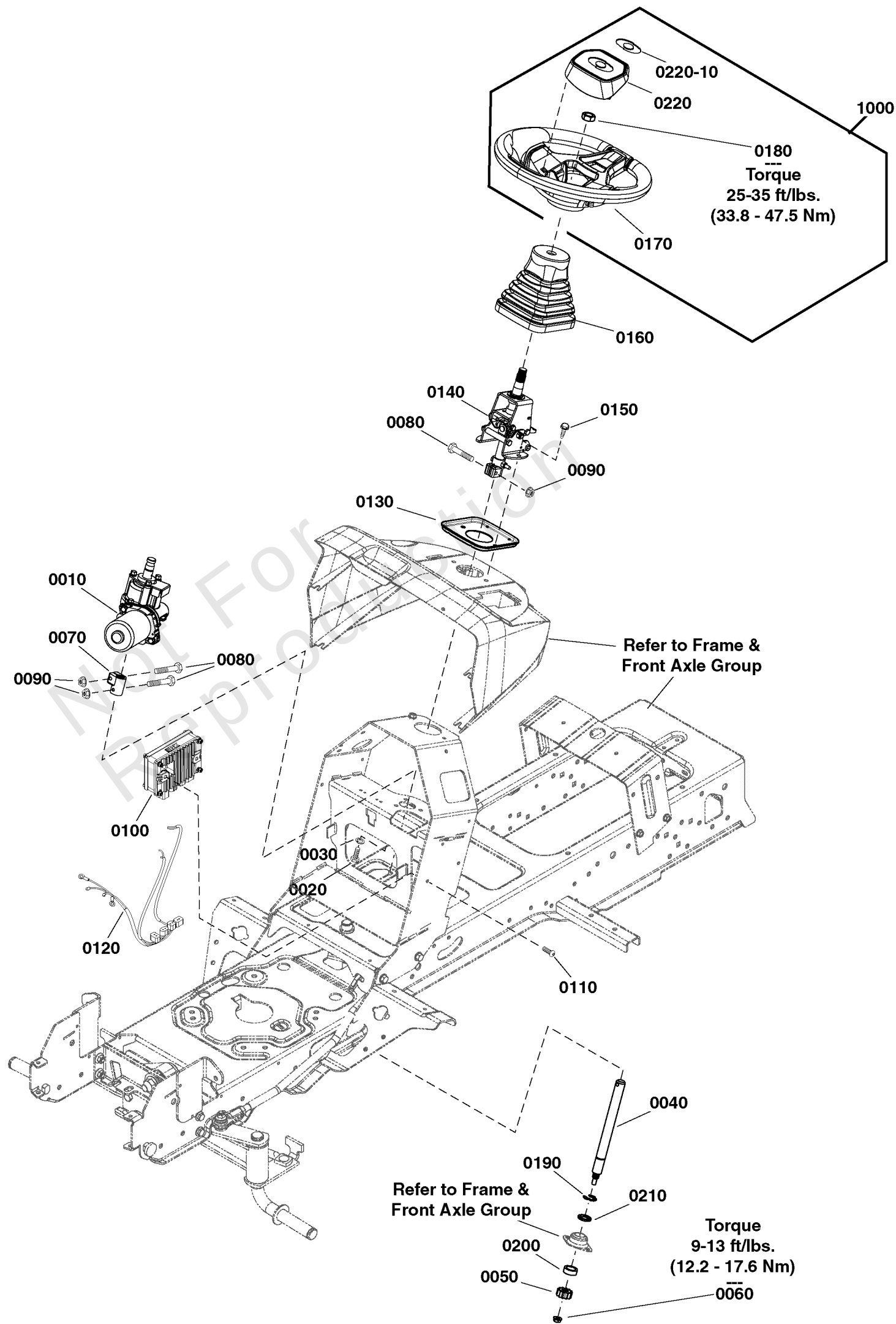
Seat Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1722356SM	1	SLIDE, Seat
0020	1709256SM	6	WASHER, Spring, 5/16 x 1 1/4
0030	1919438SM	4	NUT, Hex Lock, ESNA Light, 5/8-18
0040	1935255SM	4	NUT, Speed, Lug Type, 5/16-18
0050	1930591SM	16	SCREW, Hex Flange, Whiz Lock, 5/16-18 x 3/4
0060	1722128ASM	1	SUPPORT, Seat
0070	1931350SM	2	BOLT, Carriage, Short Neck, 3/8- 16 x 1 GR5
0080	1755623AYP	1	BRACKET, Seat Support
0090	1663752SM	2	SPACER, 25/64 x 5/8 x 3/16
0100	1924940SM	2	WASHER, 3/8
0110	1930645SM	2	NUT, Hex Flange, Two Way Lock, 3/8-16
0140	1738013YP	1	SEAT, Mesh, Bottom
0150	1738014YP	1	SEAT, Mesh, Back
0160	1737848AYP	2	SUPPORT, Mesh Seat
0170	1756190AYP	1	BRACKET, Switch, Seat
0180	1931339SM	2	BOLT, Carriage, Short Neck, 5/16-18 x 2 GR5
0190	1756196YP	2	SPRING, Compression
0200	5041931SM	2	SPACER, 3/8 x 1/2 x 1-1/4"
0220	5101280YP	1	SWITCH, Low Prof, NC/NO
0230	1726390SM	2	BUMPER, Rubber
0240	1704728SM	2	SPRING, Compression, 2"
0250	1704724SM	2	COVER, Spring
0260	1960686SM	2	NUT, Hex Flange, 5/16-18
0270	703591	4	WASHER, Flat, 13/32 x 1 1/2 x 1/8

Steering Group - Power Steering with Tilt

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



Steering Group - Power Steering with Tilt

REF NO	PART NO	QTY	DESCRIPTION
0010	84003790	1	POWER STEERING ASSEMBLY
0020	84004772	3	CAPSCREW, Hex Head, M8-1.25 x 18mm
0030	703116	3	WASHER, Split Lock, .32 x .58 x .08
0040	84003779	1	SHAFT
0050	1761013YP	1	GEAR, Pinion
0060	703115	1	NUT, Flange Nylock, 5/16-18
0070	84003758	1	COUPLING
0080	703234	3	CAPSCREW, Hex Head, 1/4-20 X 1 1/2, G5
0090	703463	3	NUT, Flange Nylock , 1/4-20
0100	84003760	1	CONTROLLER
0110	84004773	2	CAPSCREW, Button Head
0120	84003766	1	HARNESS
0130	84003729	1	PLATE, Steering Mount
0140	84004824	1	STEERING, Tilt
0150	704146	2	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1
0160	1754814YP	1	BELLOWS
0170	-----	1	STEERING WHEEL -(Refer to Note: *)
0180	1960576SM	1	NUT, Hex Lock, ESNA Light, 5/8-18
0190	1611710SM	1	RING, Klipring, For 3/4 Dia. Shaft
0200	1722461SM	1	SPACER, 3/4 x 1-1/16 x 3/8, Powder Metal
0210	706388	1	SPACER, .766 x 1.06 x 1/8
0220	84003162	1	CAP, Steering Wheel, Simplicity
0220-10	1755843YP	1	DECAL, Logo, Steering Wheel
1000	84001122		KIT, Steering Wheel, Simplicity -(Incl. Ref. Nos. 0170, 0180, 0220 & 0220-10)

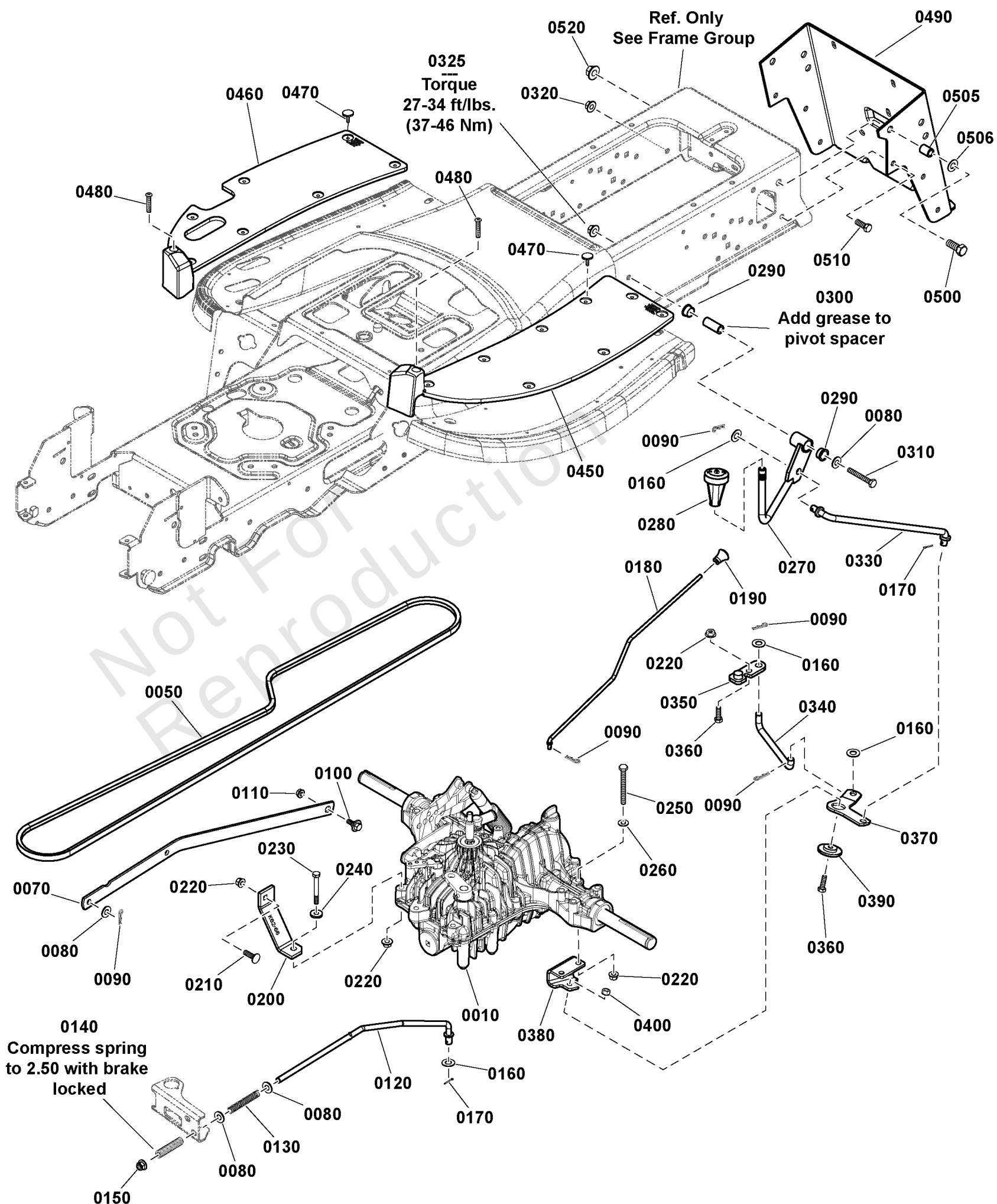
Footnotes:

Note:* Not a serviceable part.

Transmission Group - Tuff Torq K66AS

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



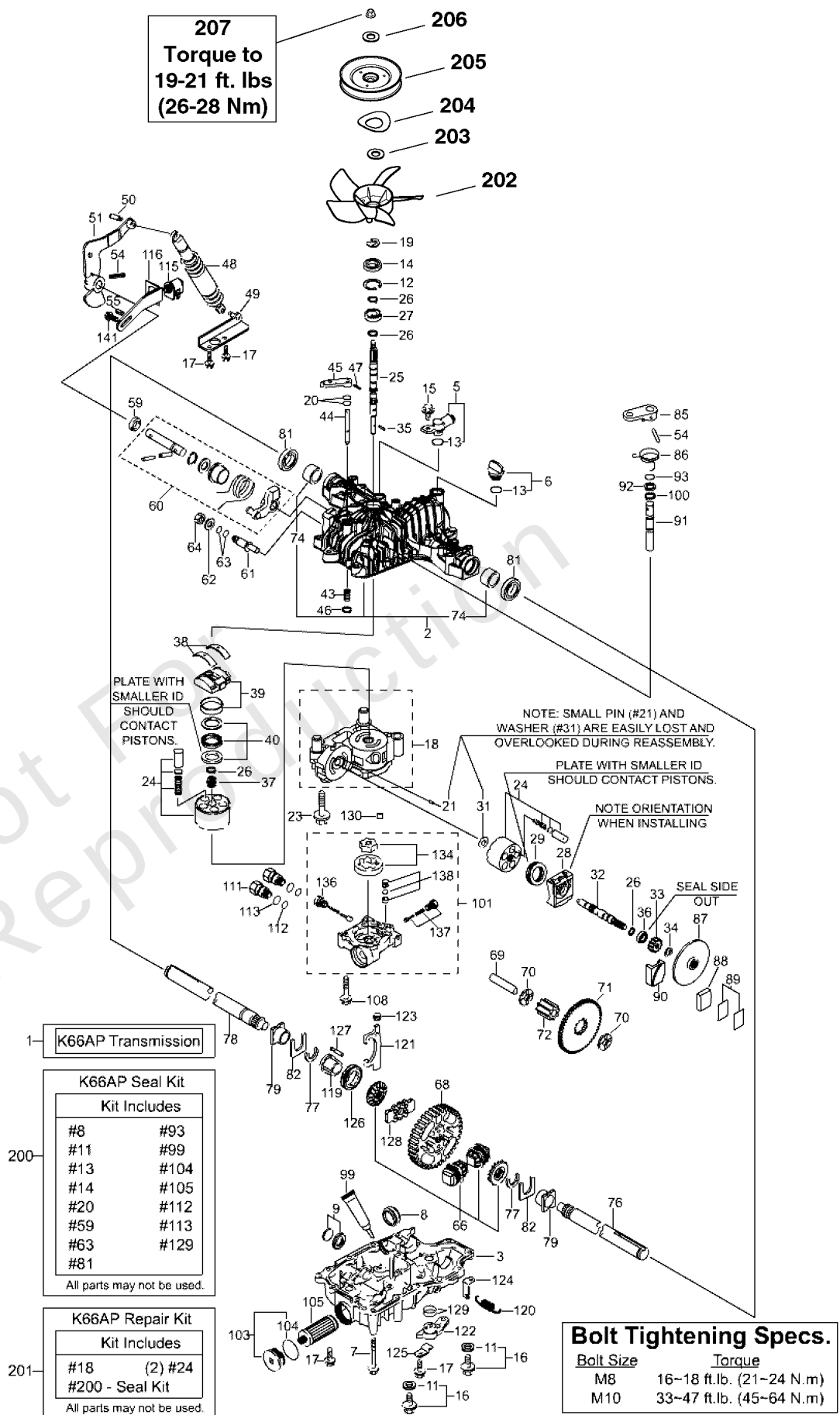
Transmission Group - Tuff Torq K66AS

REF NO	PART NO	QTY	DESCRIPTION
0010	84003711	1	TRANSMISSION, Tuff Torq, K66AS
0050	1721392SM	1	V-BELT, 94.05
0070	1754368AYP	1	ARM, Transmission Control
0080	703878	5	WASHER, Flat, 13/32 x 7/8 x .083
0090	1722460SM	5	HAIRPIN
0100	1732426SM	1	BOLT, Shoulder, 5/16-18 x 1/2
0110	704067	1	NUT, Hex Flange, 5/16-18
0120	84003888	1	ROD, BRAKE
0130	1722684SM	1	SPRING, Compression, 3-1/4" Long
0140	1729277SM	1	SPRING, Compression, 3-5/8" Long
0150	1960687SM	1	NUT, Hex Flange, ESNA, 3/8-16
0160	1918267SM	4	WASHER, 15/32 x 15/16, Black
0170	331613MA	2	PIN, Cotter
0180	84003891	1	ROD
0190	1723126SM	1	KNOB, 3 Sided Soft
0200	1754643AYP	1	STRAP, Torque
0210	703800	1	BOLT, Carriage, 5/16-18 x 1 G5
0220	1960686SM	7	NUT, Flange, Nylock, 5/16-18
0230	703868	1	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, G5
0240	1960141SM	1	WASHER, 5/16
0250	703870	4	CAPSCREW, Hex Head, 5/16-18 x 3, G5
0260	1919326SM	4	WASHER, 5/16
0270	1721360AYP	1	PEDAL ASSEMBLY
0280	1716289SM	1	KNOB, Hole, 1/2 x 1-3/4, 2-11/16
0290	1676148SM	2	BUSHING, 5/8 x 3/4 x 13/32, Powder Metal -(Used on 2013 & prior models)
0300	1756612YP	1	SPACER, Diff. Lock -(Used on 2014 & newer models)
0310	703589	1	CAPSCREW, Hex Head, 3/8-16 X 2, GR5
0320	703793	2	NUT, Lock, Flange, 3/8-16
0325	703158	1	NUT, Hex Flange, 3/8-16
0330	1755453YP	1	ROD, Diff Lock
0340	1755454YP	1	ROD, Differential Lock
0350	1722383SM	1	ARM, Differential Lock
0360	1921333SM	2	CAPSCREW, Hex Head, 5/16-18 x 1
0370	1756597AYP	1	PIVOT, Differential Lock
0380	1755456AYP	1	BRACKET, Differential Lock
0390	1727935SM	1	SPACER, Pivot, 5/16 ID x 1-3/4 OD
0400	1960636SM	1	NUT, Hex KEPS, 5/16-18
0450	1755643YP	1	PAD, Footrest, LH
0460	1755642YP	1	PAD, Footrest, RH
0470	1704351SM	15	FASTENER, Panel
0480	1960676SM	2	SCREW, Pan Head Torx Taptite, 1/4-20 x 1-1/4, Black
0490	1755742AYP	1	PLATE, Back, Hitch
0500	5025017X16YP	2	BOLT, 1/2-13 x 2, G5
0505	703450	2	SPACER, 1/2 ID x 3/4 OD
0506	1926192SM	2	WASHER, 9/16 x 1-1/4 x 1/8
0510	703407	2	CAPSCREW, Hex Head, 3/8-16 x 1, G5
0520	703918	2	NUT, Hex Flange, Whiz Lock, 1/2-13

Transmission SERVICE PARTS - Tuff Torq K66AS (80082721)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



Transmission SERVICE PARTS - Tuff Torq K66AS (80082721)

REF NO	PART NO	QTY	DESCRIPTION
1	84003711		TRANSMISSION, Tuff Torq, K66AS
2	-----		* UPPER CASE KIT
3	-----		* LOWER CASE
5	-----		* FITTING KIT
6	-----		* CAP KIT
7	-----		* CAPSCREW, M8 x 75
8	1720761SM		FILTER
9	1718065SM		MAGNET CMP
11	1720796SM		WASHER SEAL 10
12	1708650SM		SNAP RING C 35
13	1707786SM		O-RING P18
14	7073794YP		SEAL TC 153507
15	-----		* BOLT, Flange, M8 x 20
16	-----		* DRAIN BOLT KIT
17	1707789SM		TAPPING SCREW 8 x 30
18	-----		* CENTER CASE AB
19	1718076SM		E-RING
20	1708691SM		O-RING, 1A P10A
21	1718070SM		PIN 3 x 9.8
23	-----		* BOLT, M10 x 65
24	-----		* CYLINDER BLOCK KIT
25	1724699SM		PUMP SHAFT
26	1708672SM		SNAP RING S15
27	1708673SM		BEARING 6202C3
28	1724700SM		MOTOR HOUSING
29	1708675SM		THRUST BEARING
31	1718084SM		WASHER 12 x 24 x 1
32	-----		* MOTOR SHAFT/GEAR (9T)
33	1724752SM		MOTOR GEAR
34	1724751SM		E-RING
35	1722223SM		PIN 3 x 13.8
36	1724702SM		BEARING 6302DUC3
37	1708669SM		PUMP SPRING
38	1708677SM		THRUST METAL
39	1724703SM		SWASH PLATE ASSEMBLY
40	-----		* THRUST BEARING KIT
43	1725730SM		SPRING 25
44	1720838SM		BYPASS SHAFT
45	1720418SM		BYPASS LEVER
46	-----		* RING, 10
47	1707839SM		SPRING PIN 3.0A x 20
48	-----		* SHOCK ABSORBER
49	1724704SM		SHOCK STAY
50	1724705SM		PIN
51	-----		* CONTROL LEVER
54	1718100SM		ROLL PIN 6 x 40
55	-----		* PIN 8 x 16
59	1718120SM		SEAL TC 162606

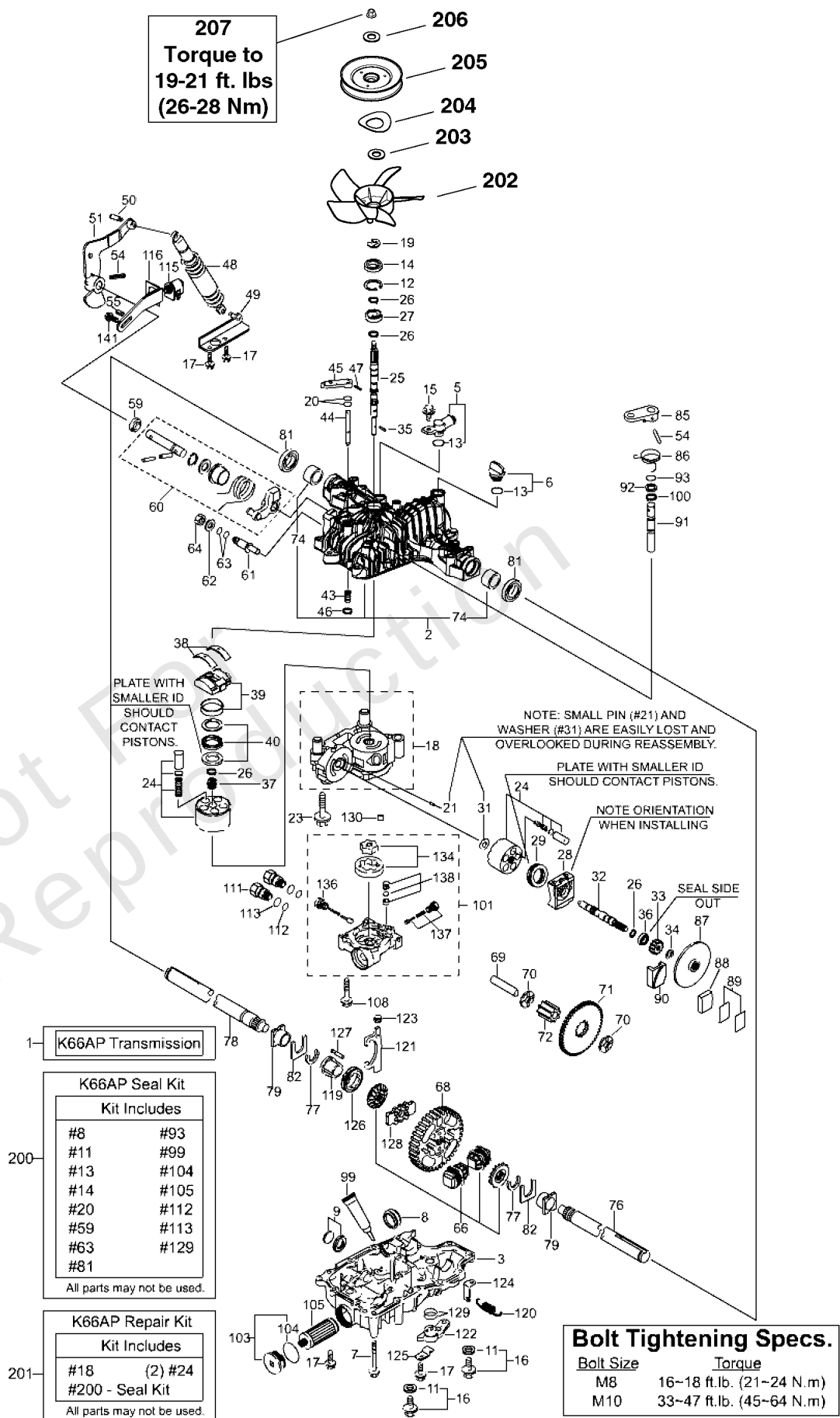
Footnotes:

Note:* See your local authorized dealership for 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 K66AS (80082721)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



Transmission SERVICE PARTS - Tuff Torq K66AS (80082721)

REF NO	PART NO	QTY	DESCRIPTION
60	-----		* CONTROL SHAFT KIT
61	1724344SM		FULCRUM
62	1708689SM		WASHER 12
63	1707879SM		O-RING 1A P14
64	1708692SM		NUT 12
66	-----		* DIFFERENTIAL GEAR KIT
68	-----		* FINAL GEAR
69	1724714SM		FINAL PINION SHAFT
70	1724715SM		WASHER 15 x 35 x 3.2
71	1724753SM		REDUCTION GEAR (53T)
72	1724717SM		FINAL PINION Gear (11T)
74	1724693SM		BUSHING 25.4
76	1724718SM		AXLE SHAFT, LEFT
77	1720859SM		RETAINING RING 23
78	1724719SM		AXLE SHAFT, RIGHT
79	1720860SM		BUSHING 25.4
81	1718264SM		SEAL S 25.4 x 42 x 8
82	1720858SM		THRUST WASHER
85	-----		* BRAKE LEVER
86	-----		* BRAKE RETURN SPRING
87	1724723SM		BRAKE DISC
88	1724724SM		BRAKE SHOE
89	1724725SM		SHIM KIT
90	1724726SM		BRAKE ACTUATOR
91	1724727SM		BRAKE SHAFT
92	1724728SM		WASHER 16 x 23 x 1.6
93	1708690SM		O-RING 1A P12
99	-----		* SEALANT
100	1707912SM		SNAP RING
101	-----		* PUMP CASE KIT (K664C & E)
103	-----		* CAP KIT
104	-----		* O-RING 1A 24040
105	1736211SM		FILTER
108	-----		* BOLT, Flange, M8 x 45
111	1720829SM		CONNECTOR
112	1720831SM		O-RING 6.1
113	1723773SM		O-RING
115	-----		* SWITCH 6440-11 DELTA
116	-----		* SWITCH PLATE
119	-----		* COLLAR 25.4
120	1724741SM		DIFFERENTIAL RETURN SPRING
121	1724733SM		DIFFERENTIAL LOCK FORK
122	1724732SM		DIFFERENTIAL LOCK LEVER
123	-----		* LEVER PIVOT
124	1724734SM		SPRING HOOK
125	1724735SM		LEVER CLIP
126	1724736SM		DIFFERENTIAL LOCK SLIDER
127	-----		* DIFF LOCK PIN

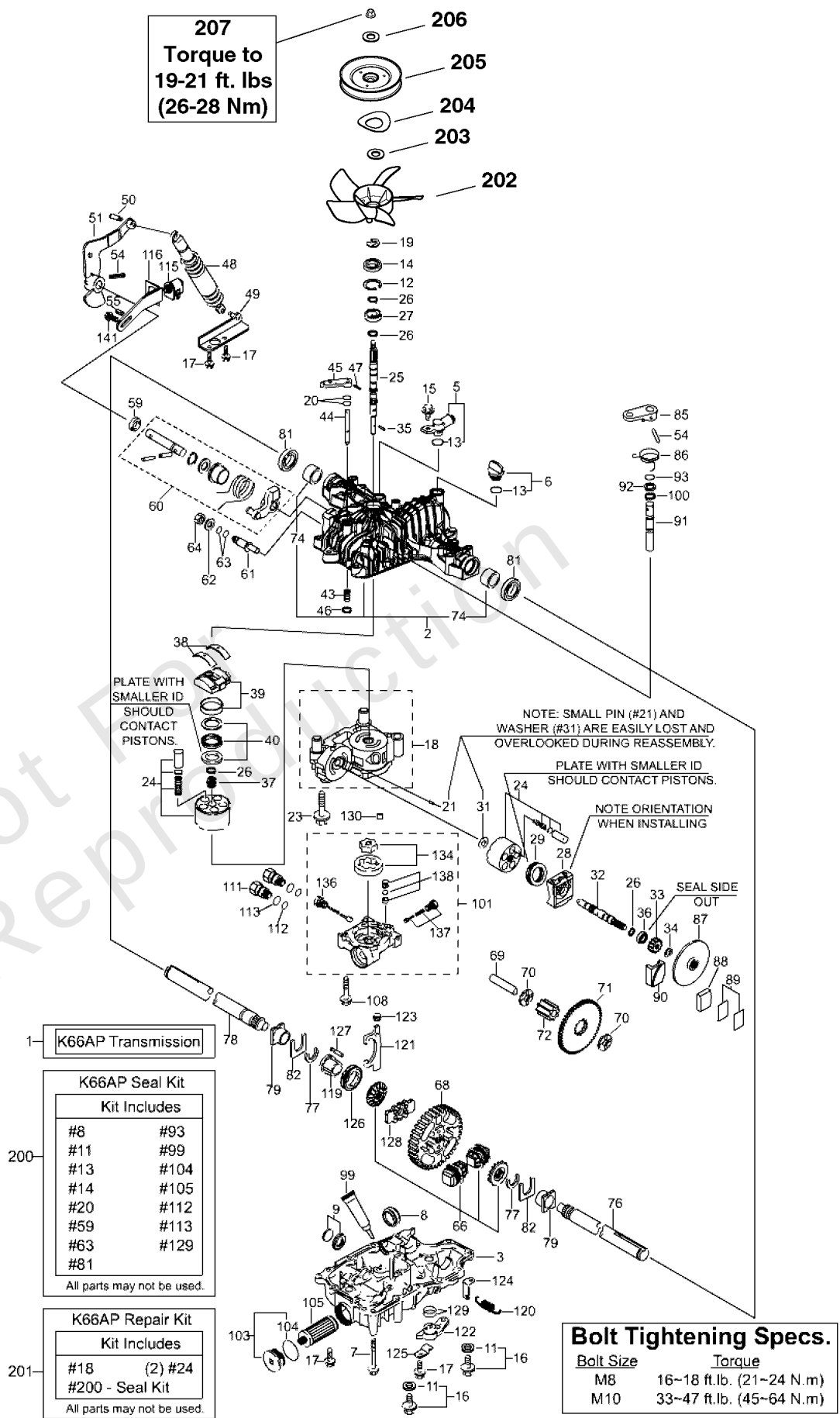
Footnotes:

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Transmission SERVICE PARTS - Tuff Torq K66AS (80082721)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



Transmission SERVICE PARTS - Tuff Torq K66AS (80082721)

REF NO	PART NO	QTY	DESCRIPTION
128	-----		* DIFF LOCK PLATE
129	1724739SM		O-RING 1A G25
130	-----		* ALIGNMENT SLEEVE 11 x 7
134	-----		* ROTOR SET
136	1720828SM		CHARGE RELIEF VALVE
137	1720826SM		IMPLEMENT RELIEF VALVE
138	1720824SM		3RD CHECK VALVE
141	1707890SM		TAPPING SCREW 8 x 20
200	-----		* KIT, Seal
201	-----		* REPAIR KIT
202	84003870		FAN
203	84003871		WASHER, Flat
204	1761520YP		WASHER, Wave, 0.65" ID
205	1732918SM		PULLEY D
206	704128		WASHER, Flat
207	1719968SM		NUT, Hex Flange, M10-1.5, Nylon Insert

Not For
Reproduction

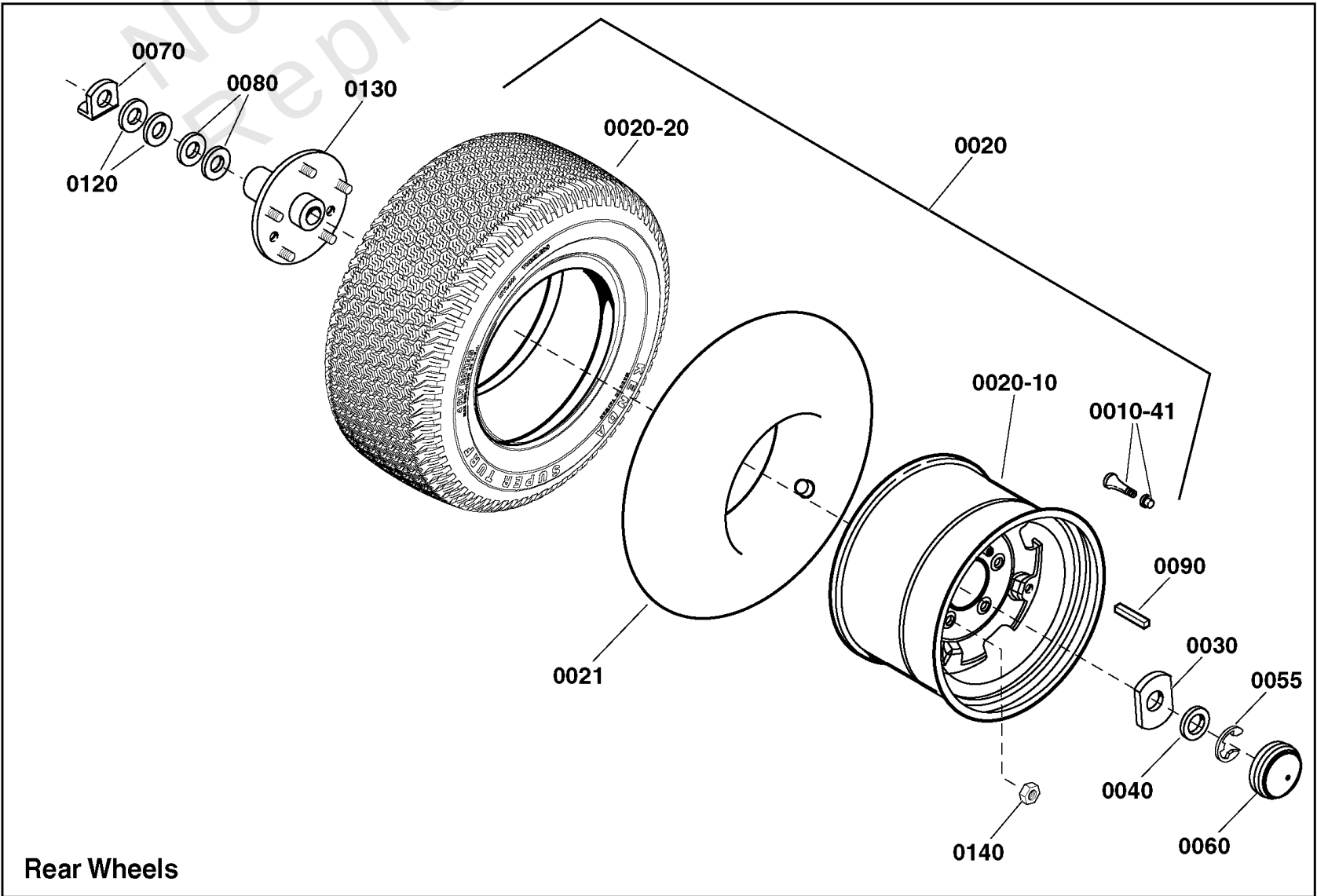
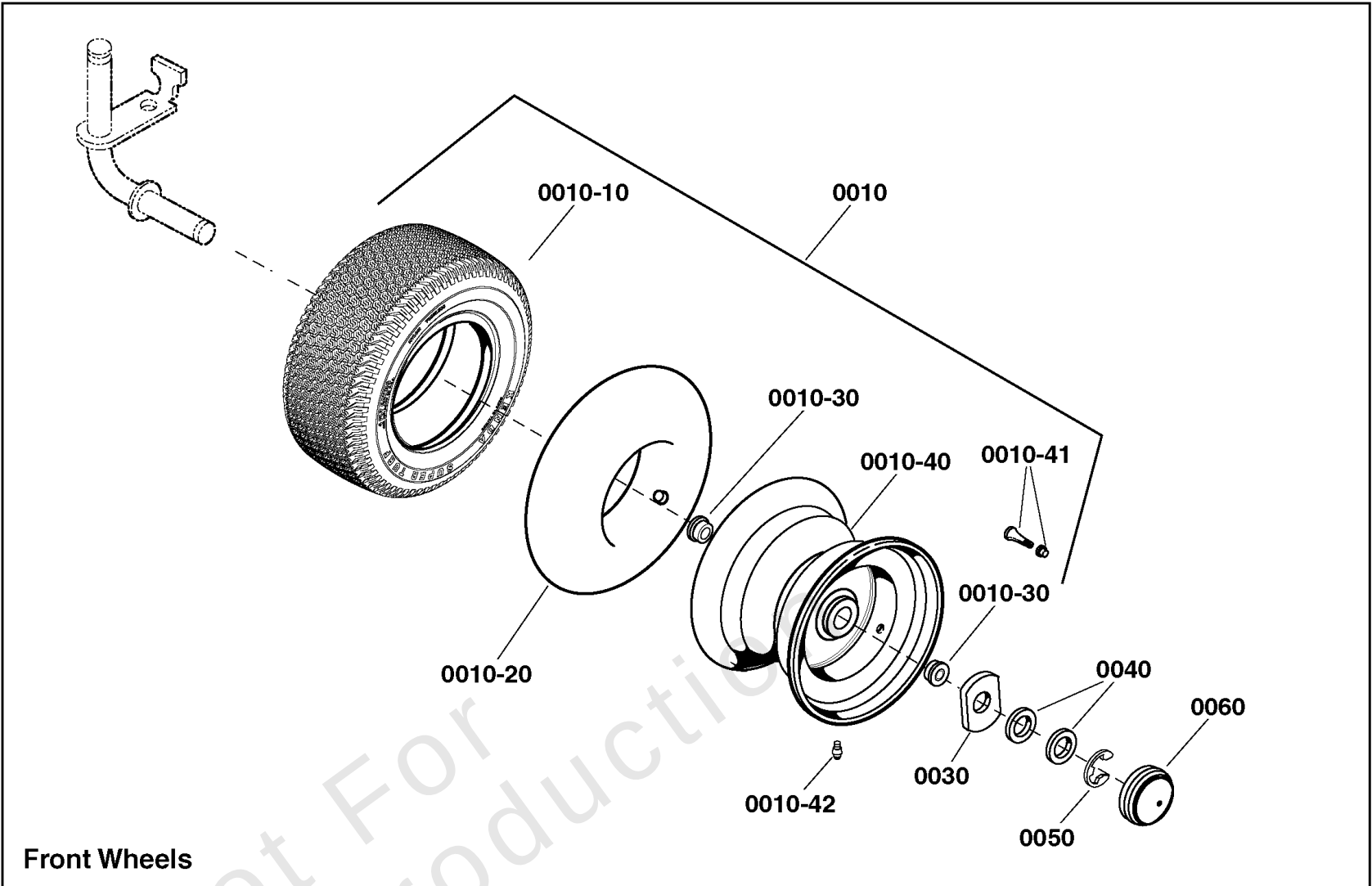
Footnotes:

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

Wheels & Tires Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691690-00



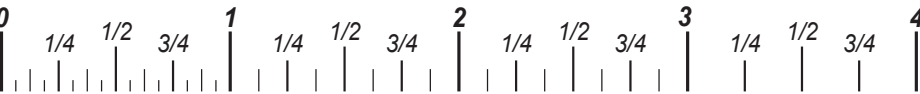
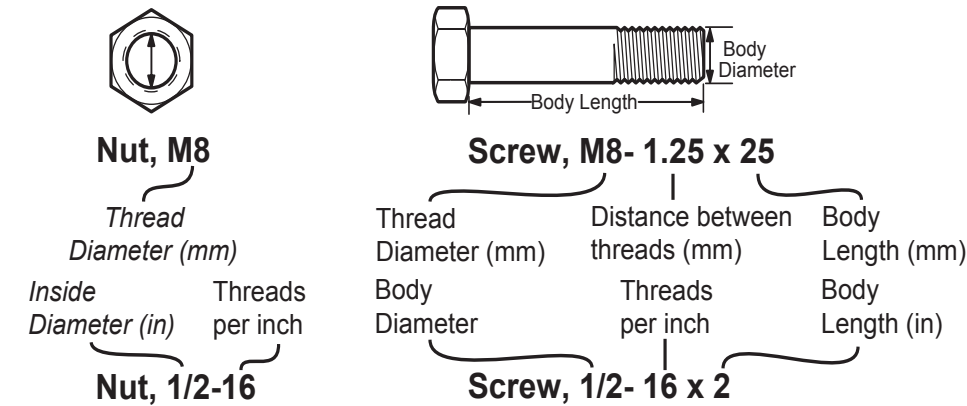
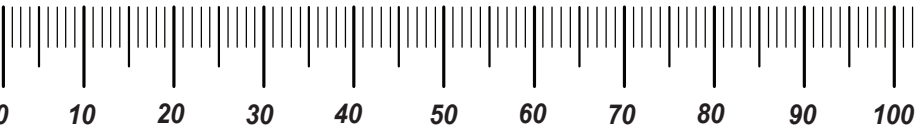
Wheels & Tires Group

REF NO	PART NO	QTY	DESCRIPTION
0010	1722305SM	2	WHEEL & TIRE ASSEMBLY, Front, 16 x 6-1/2 -(Includes Ref. Nos. 0010-10, 0010-20, 0010-30, 0010-40, 0010-41 & 0010-42)
0010-10	1722833SM	2	TIRE, 16 x 6-1/2 - 8 Super Turf, Front
0010-20	2164247SM	2	TUBE, Tire 16 x 6-1/2 - 8, Front
0010-30	1717056SM	2	BEARING, Ball
0010-40	-----	1	RIM, Wheel, Front -(Not a serviceable part)
0010-41	2172353SM	2	VALVE STEM & CAP
0010-42	2812808SM	2	GREASE FITTING
0020	1755499YP	2	WHEEL & TIRE ASSEMBLY, Rear, 23 x 10.50-12 -(Includes Ref. Nos. 0020-10, 0020-20 & 0010-41)
0020-10	-----	1	RIM, Wheel, Rear -(Not a serviceable part)
0020-20	1722830SM	2	TIRE, 23 x 10.50
0021	2173477SM	2	TUBE, Tire, Rear
0030	1722726SM	4	WASHER, Hub Cap
0040	703149	6	WASHER, Flat, 1
0050	2834712SM	2	E-RING
0055	2834712SM	2	RING, "E" External, (Units with K62)
0060	1722676SM	4	HUB CAP
0070	1737043AYP	2	WASHER, Bracket, Axle Seal
0080	2860200SM	1	WASHER, 1
0090	2105337SM	2	KEY, Hi-Pro, 1/4 x 2
0120	1960701SM	4	WASHER, 1
0130	1755832YP	2	WHEEL HUB ASSEMBLY
0140	2177725SM	10	NUT, Hex, 7/16-20

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).

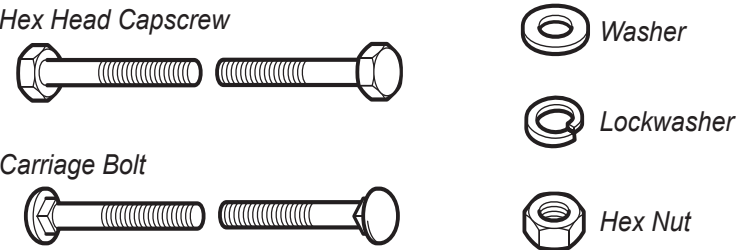
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

