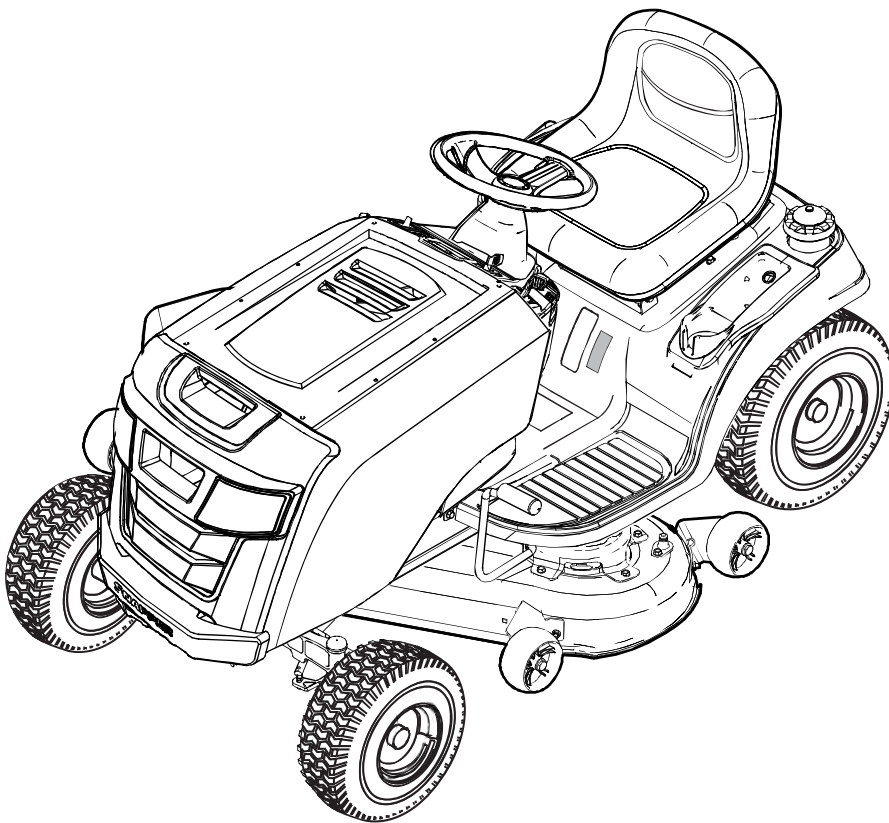


Parts Manual for

SNAPPER®

HYDRO DRIVE ELECTRIC CLUTCH (117 cm) SPX LAWN TRACTOR LT-150 SERIES

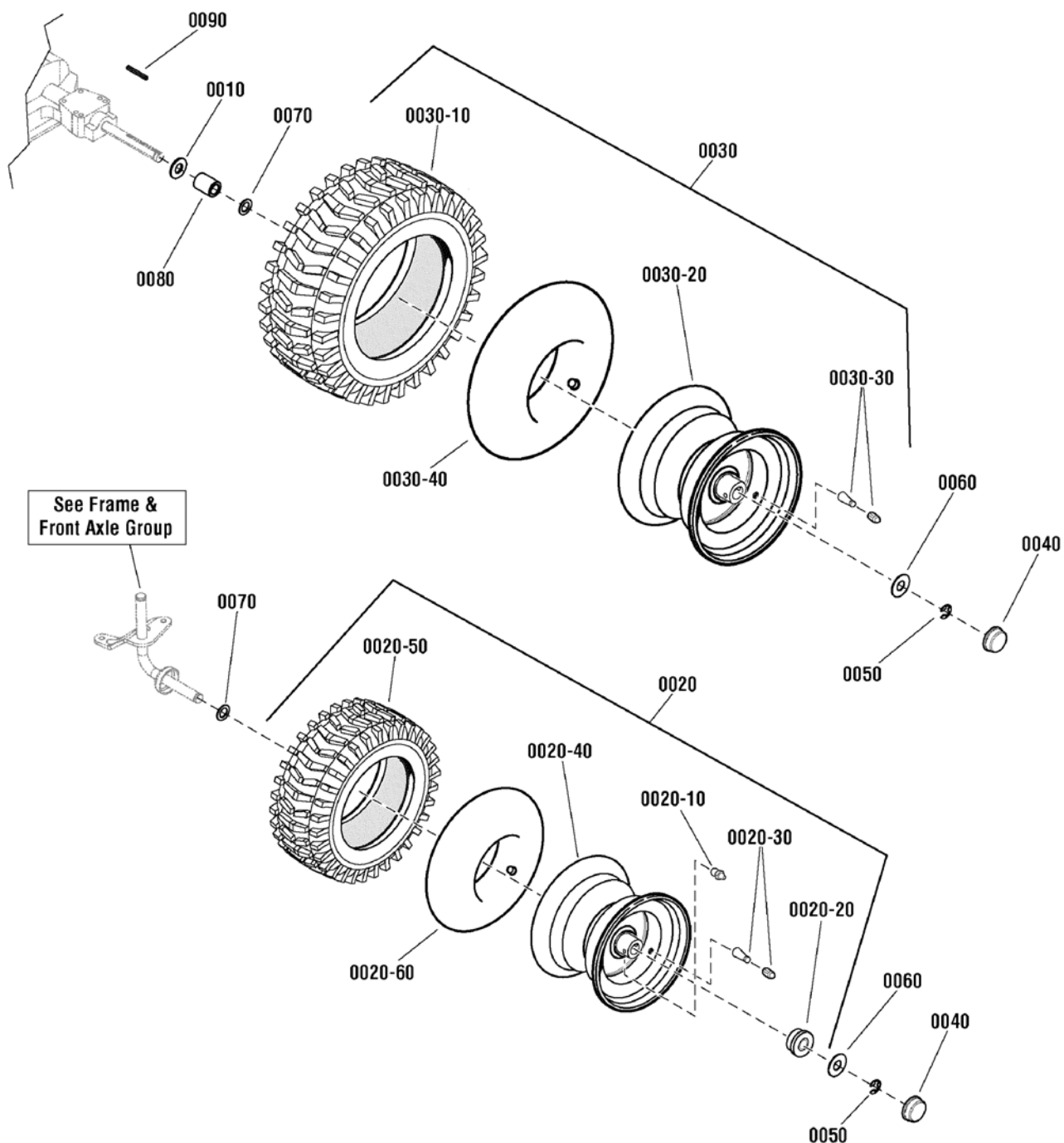
<i>Model No.</i>	<i>Description</i>
2691248-00	ESPX2246
1696580-00	46" (117cm) Mower



Not for
Reproduction

PAGE	GROUP
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6	Hood, Grille & Dash Group
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34	46" Mower Deck - French Guard Group
36	Frame Guard Group
38	Decals Group
40	Electrical Group

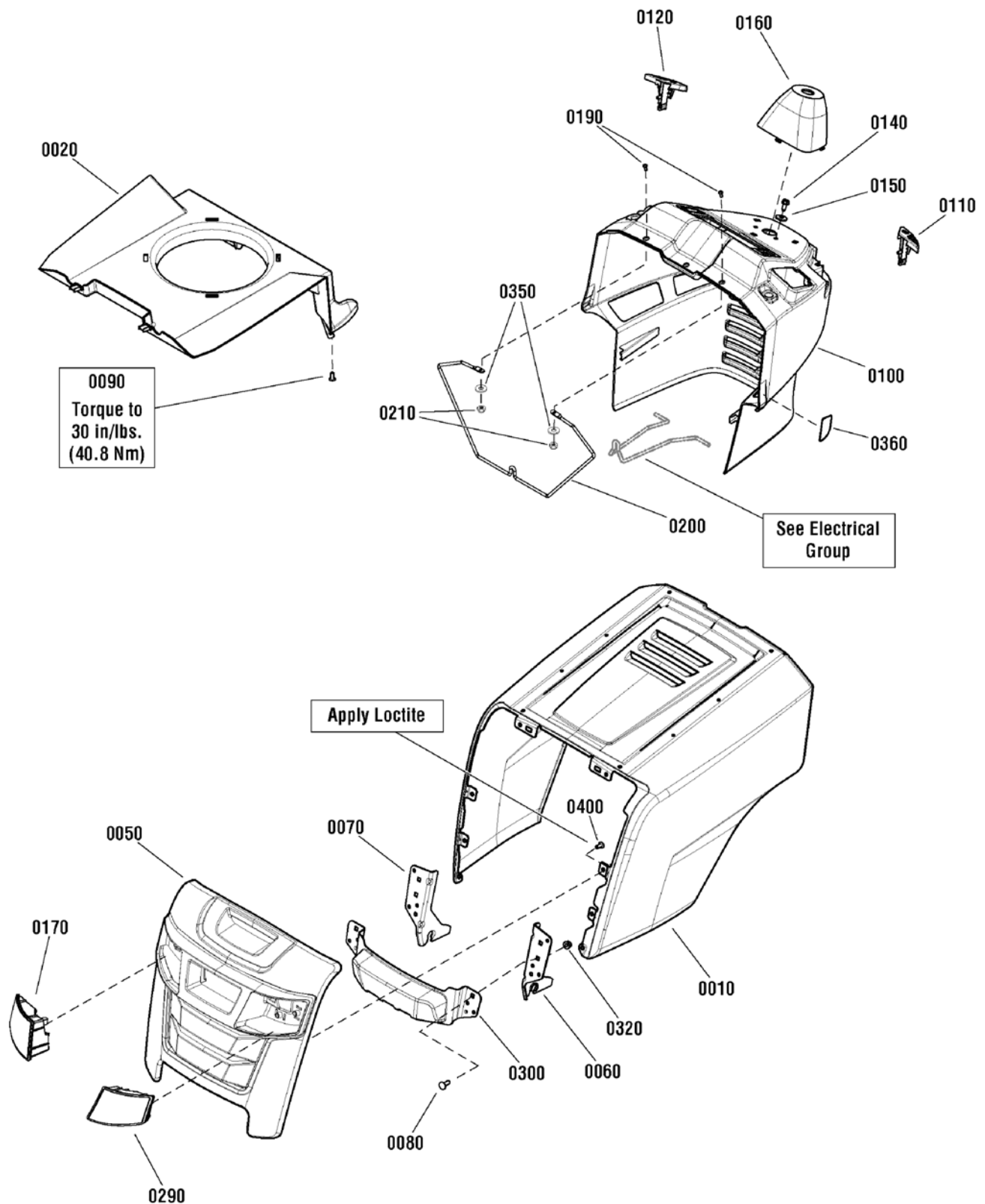
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Item	Part No	Qty	Description
0010	2860202SM	2	WASHER, 3/4 x 1-5/8 OD x 1/8 Thick
0020	1729708SM	2	WHEEL & TIRE ASSEMBLY, Front
0020-10	2812808SM	1	FITTING, Lube, 1/4
0020-20	1752171YP	2	BEARING, Flange
0020-30	2172353SM	1	VALVE STEM & CAP, Air .453 Dia 0.88 Long
0020-40	-----	1	WHEEL & Bearing ASSEMBLY, Front
0020-50	1731951SM	1	TIRE, 15 x 6 - 6, Turf Rider
0020-60	1664090	2	TUBE
0030	7101560YP	2	WHEEL & TIRE ASSEMBLY, 20 x 8.0-8
0030	1732324YO	2	WHEEL & TIRE ASSEMBLY, 22 x 10-8
0030-10	7101559YP	2	TIRE, 20 x 8-8, K358
0030-10	1732394SM	2	TIRE, 22 x 10-8, 2 Ply K358
0030-20	-----	2	RIM
0030-30	2172353SM	2	VALVE STEM & CAP, Air .453 Dia 0.88 Long
0030-40	2164247SM	2	TUBE (Use on 20" Tires)
0030-40	2173477SM	2	TUBE (Use on 22" Tires)
0040	094618MA	4	HUB CAP
0050	0011X3MA	4	E-RING, 3/4D, 1/2T
0060	17X195MA	4	WASHER, .765 ID, 1.8 OD, .0598 Thk, Flat ZP
0070	17X160MA	4	WASHER, Flat, 3/4 x 1-1/4 x 16
0080	1730181SM	2	SPACER, 3/4 ID x 1-1/4 OD x 1.65
0090	021553MA	2	KEY, Square, 3/16

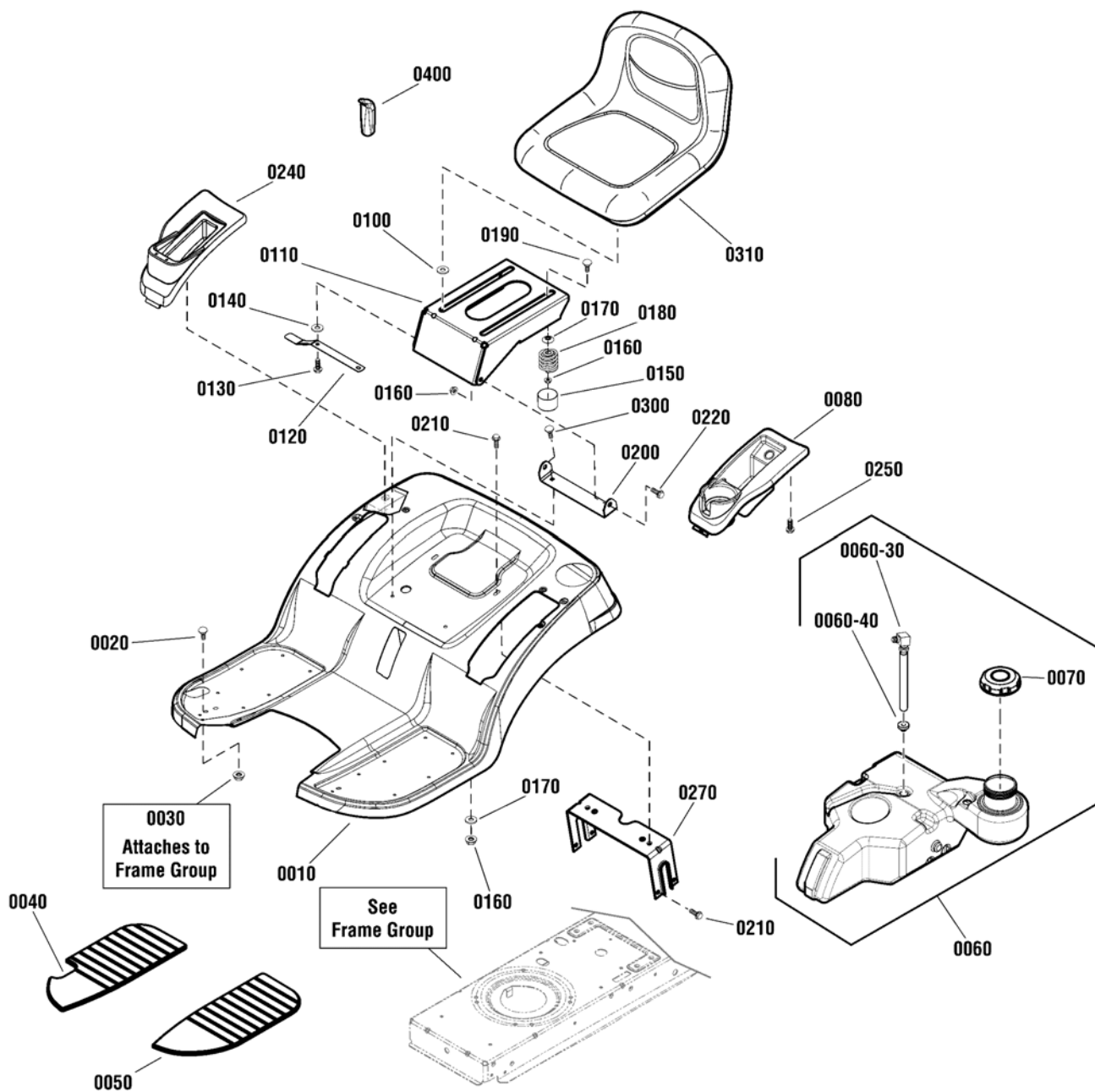
Footnotes:

Note* Not a serviceable part, service wheel complete



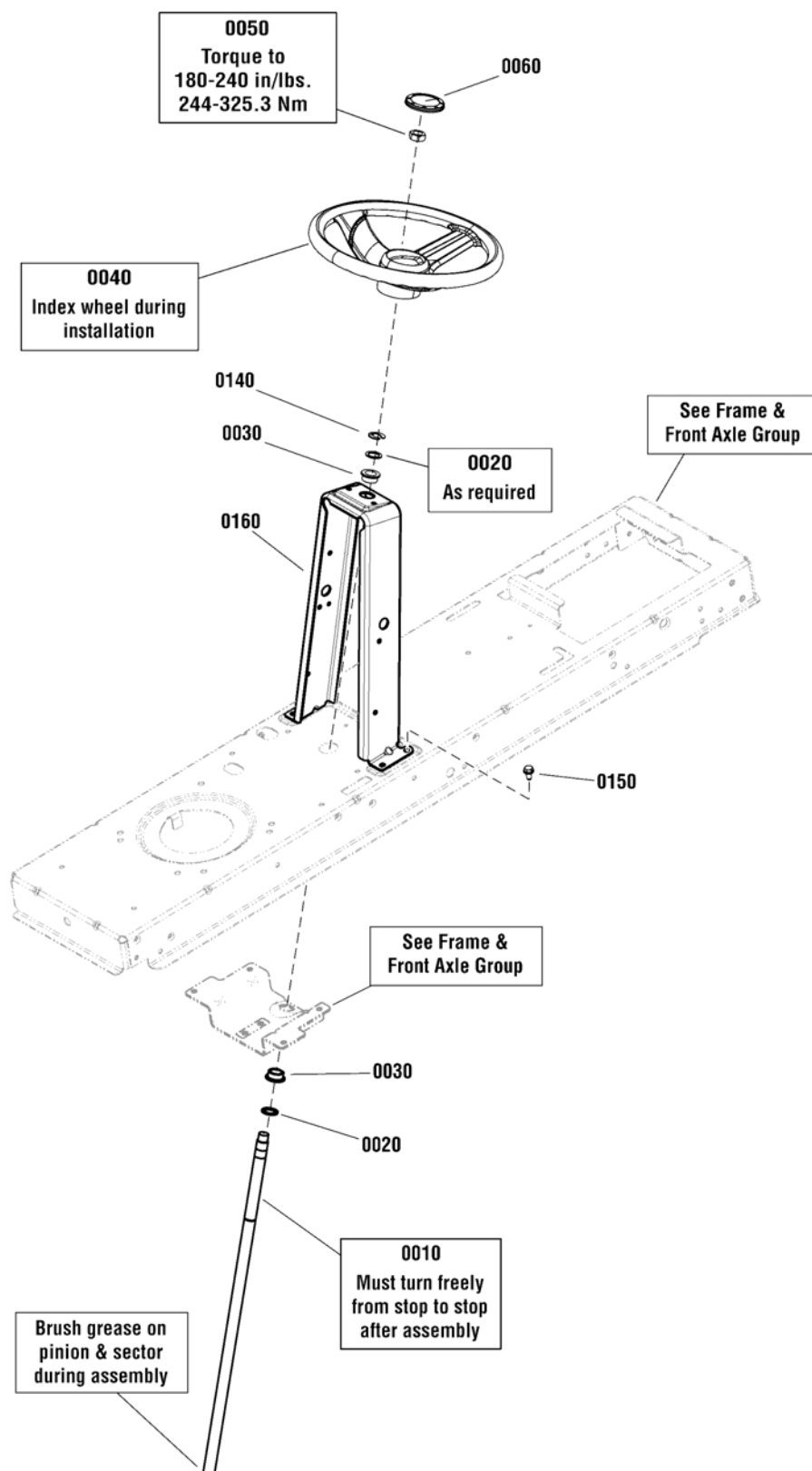
Item	Part No	Qty	Description
0010	1753164D	1	HOOD, One Piece, Center Emboss
0020	1738734	1	AIR DUCT
0050	1752929	1	GRILLE, Front
0060	1738566A	1	HINGE, Hood, LH
0070	1738565A	1	HINGE, Hood, RH
0080	7091714	2	BOLT, Carriage, 5/16 x 1, G5
0090	1739220	2	SCREW, 7mm x 16mm
0100	1753166	1	DASH, Nxt - Black
0110	1738789	1	KNOB, Parking Brake
0120	1738788	1	KNOB, Cruise
0140	1664847	2	SCREW, Hex Washer Head Taptite, 5/16-18 x 3/4
0150	1919381	2	WASHER, 5/16 x 1
0160	1738790	1	COVER, Steering Shaft
0170	1753167	1	HEADLIGHT, Led, LH
0190	1739942	2	SCREW, Pan Head Phillips, #10-24 x 7/8
0200	1738964	1	ROD, Dash Support, 1/4 Dia. x 10"
0210	1933896	2	NUT, Ny-Lock 10-24
0290	1753168	1	HEADLIGHT, Led, RH
0300	1753169BM	1	BUMPER, Front
0320	1960686	2	NUT, Hex Flange, 5/16-18, ESNA
0350	1960353	2	WASHER, 1/4 x 27/32 OD
0360	1753895	1	TRIM, Protective
0400	1754203	8	SCREW, 7mm Dia. x 16mm

Footnotes:



Item	Part No	Qty	Description
0010	1727264DSM	1	DECK, Seat, Regent
0020	703185	2	BOLT, Carriage, 5/16-18 x 3/4 G5
0030	703409	2	NUT, Hex Flange Whiz Lock, 5/16-18
0040	1728007SM	1	PAD, Footrest RH
0050	1728006SM	1	PAD, Footrest LH
0060	1738932YP	1	FUEL TANK
0060-30	1736609YP	1	FITTING & HOSE ASSEMBLY
0060-40	1654930SM	1	BUSHING, Fuel Tank
0070	5101651SM	1	CAP. Fuel
0080	1739015YP	1	POD, LH
0100	1731300SM	4	SPACER, 1/40 OD
0110	1727265BMYP	1	SUPPORT, Seat
0120	1727268BMYP	1	LATCH, Seat
0130	1930595SM	4	SCREW, Hex Flange Wiz Lock, 5/16 x 1-1/4
0140	703298	4	WASHER, 5/16 x 1 OD
0150	1704724SM	2	COVER, Spring 2 Idx 1-1/2
0160	703115	6	NUT, Hex Flange, 5/16-18, ESNA
0170	1709256SM	4	WASHER, Spring, 21/64 x 1-1/4 OD
0180	1704728SM	2	SPRING, Compression, 19/32 x 2
0190	703225	2	BOLT, Carriage, 5/16-18 x 3/4, G5
0200	1727266ASM	1	PIVOT, Seat
0210	1930601SM	6	SCREW, Hex Washr Head Taptite, 5/16-18 x 5/8
0220	1729576SM	2	BOLT, Shoulder, 5/16-18 1.15Lg .50Sh .19L G5
0240	1739016YP	1	POD, RH
0250	1960536SM	6	SCREW, Hex Washr Head, 1/4 x 1/2
0270	1731310SM	1	SUPPORT, Seat Deck
0300	1931334SM	2	BOLT, Carriage, 5/16-18 x 7/8, G5
0310	1754213YP	1	SEAT, 15" Back
0400	1722302SM	1	GRIP, Handle

Footnotes:

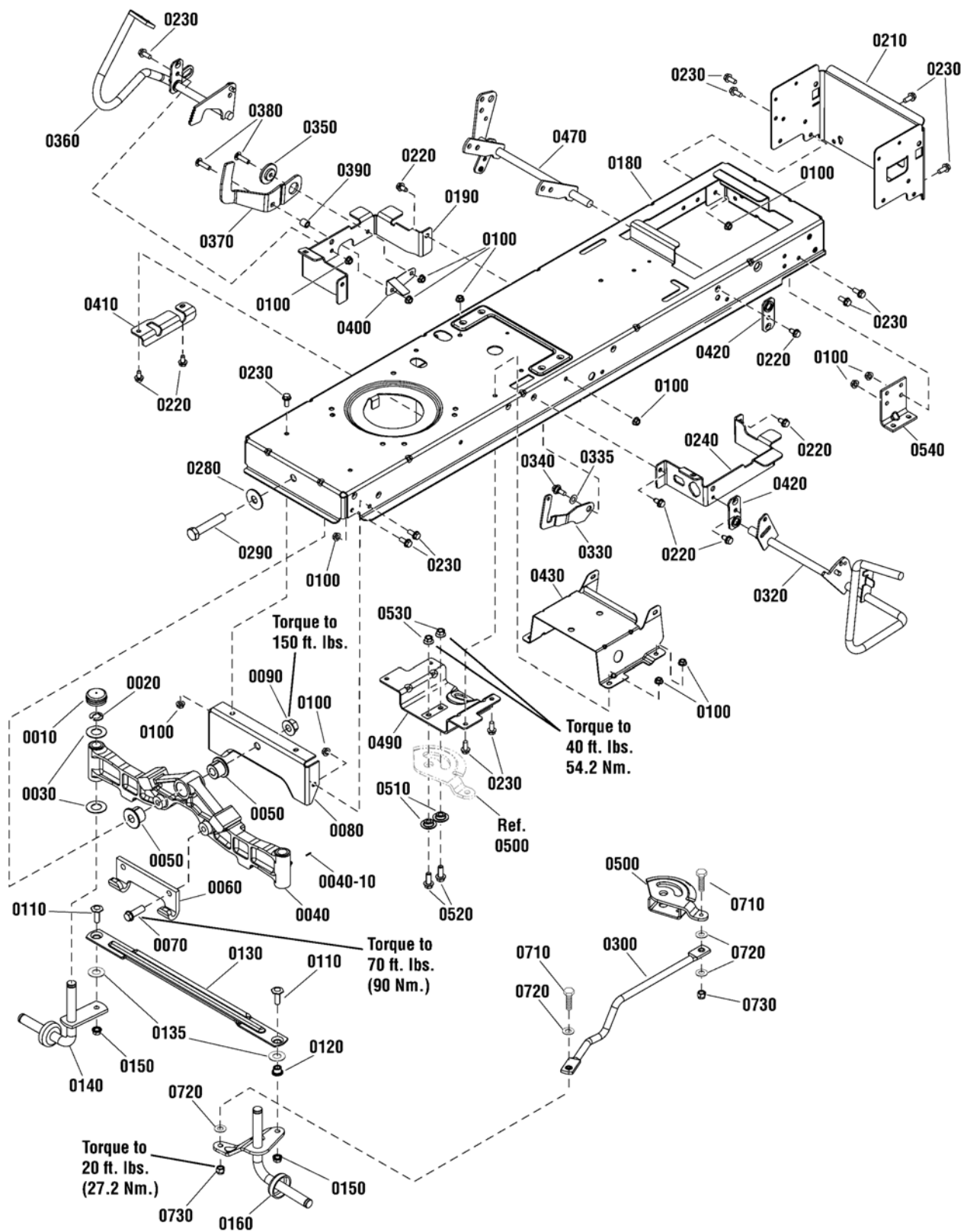


Item	Part No	Qty	Description
0010	1727813SM	1	SHAFT, Steering Gear & Spline Yellow
0020	703151	2	WASHER, Flat, 3/4
0030	1729665SM	2	BUSHING, Steering
0040	1728069SM	1	STEERING WHEEL, Aluminum Insert
0050	1960576SM	1	NUT, Hex Lock, ESNA Light, 5/8-18, Thin
0060	1725024SM	1	CAP, Steering Wheel, Plain
0140	1611710SM	1	RING, Klipring Extension
0150	1930601SM	4	CAPSCREW, Hex Washer Head, Taptite, 5/6-18 x 5/8
0160	885835BMYP	1	TOWER

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Footnotes:

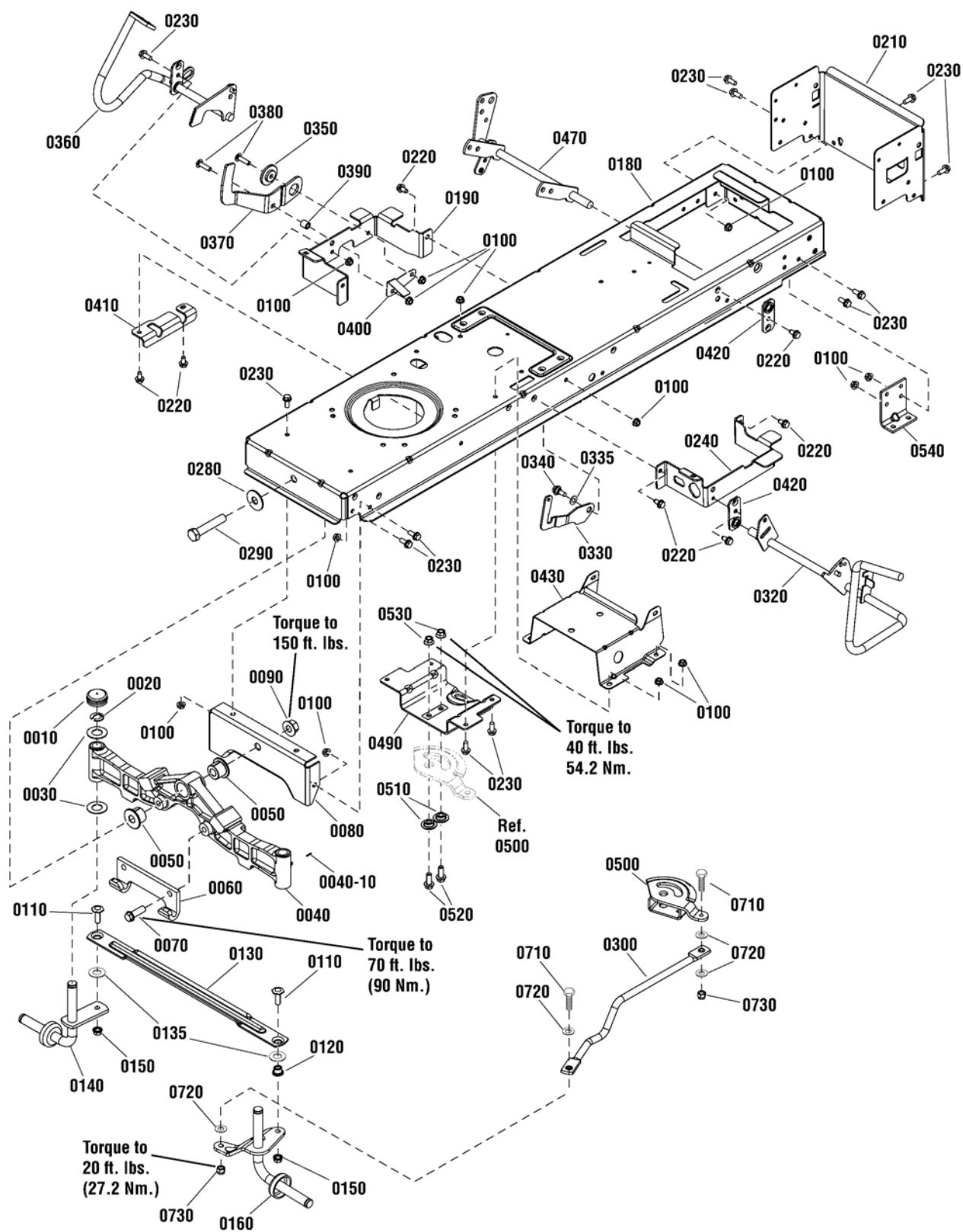
Frame & Front Axle Group



Item	Part No	Qty	Description
0010	1734135SM	2	CAP, Hub
0020	1611710SM	2	RING, Klipring Extension
0030	2860183SM	4	WASHER, 3/4
0040	1728018SM	1	AXLE, Front Iron Casting Machined
0040-10	1704314SM	3	FITTING, Zerk
0050	1730186SM	2	BUSHING, Axle Pivot
0060	1721918ASM	1	HOOK, "J"
0070	1960652SM	2	CAPSCREW, 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	703409	24	NUT, Hex, Flange Whizlock, 5/16-18
0110	1960032SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, .141 Thread G5
0120	1731912SM	2	BUSHING, Powdered Metal
0130	1751964YP	1	ROD, Tie
0135	1960703SM	1	WASHER, 5/8, 1 O.D.
0140	1727872ASM	1	SPINDLE & CUP ASSEMBLY, R.H.
0150	1930645SM	2	NUT, Hex, Flange, Locking, 3/8-16
0160	1751922YP	1	SPINDLE & STEERING ARM ASSEMBLY, L.H.
0180	-----	1	FRAME (Not a serviceable part)
0190	1727904SM	1	SUPPORT, Front Footrest R.H.
0210	1750989YP	1	SUPPORT, Rear Frame
0220	1930601SM	9	SCREW, Taptite, 5/16-18 x 5/8
0230	703354	14	CAPSCREW, Hex Head, Flange Whiz Lock, 5/16-18 x 3/4
0240	885536AYP	1	SUPPORT, Front Footrest L.H.
0280	1960035SM	1	WASHER, Flat, 5/8
0290	2860744SM	1	CAPSCREW, Hex Head, 5/8-11 x 3-1/4 G5
0300	1738051YP	1	LINK, Drag
0320	1736404AYP	1	PEDAL ASSEMBLY, Brake
0330	1735595YP	1	LATCH, Brake Lock
0335	7014296YP	1	WASHER, Shim
0340	1729576SM	1	BOLT, Shoulder, 5/16-18 x 1-1/8
0350	1727935SM	1	SPACER, Pivot
0360	1736714AYP	1	PEDAL ASSEMBLY, Forward
0370	1727246SM	1	PEDAL, Reverse
0380	1960223SM	2	BOLT, Carriage, 5/16-18 x 1-1/4
0390	1728024SM	2	SPACER, Foot Pedal
0400	1728025SM	1	ACTUATOR, RMO Switch
0410	1727909SM	1	BRACKET, Pedal Pivot
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

Footnotes:

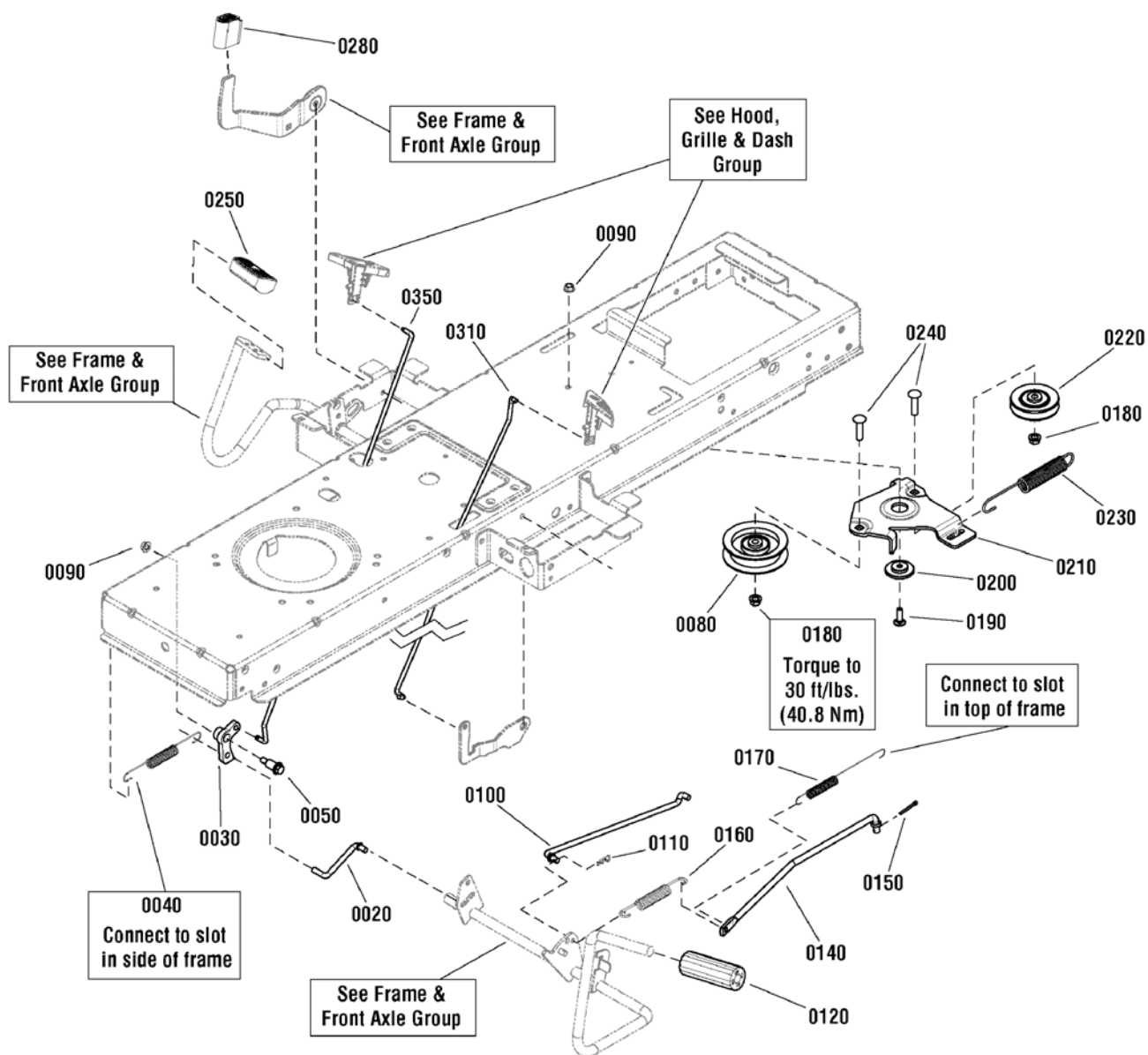
Frame & Front Axle Group



Item	Part No	Qty	Description
0520	1934654SM	2	SCREW, Hex Flange, Whiz Lock, 3/8-16 x 1
0530	1930645SM	2	NUT, Hex Flange, Two-Way Locking, 3/8-16
0540	1727903SM	1	SUPPORT, Transmission
0710	1921977SM	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, G5
0720	1919326SM	4	WASHER, 5/16 x 7/8 O.D.
0730	1935048SM	2	NUT, Hex Flange, Two Way Locking, 5/16-18

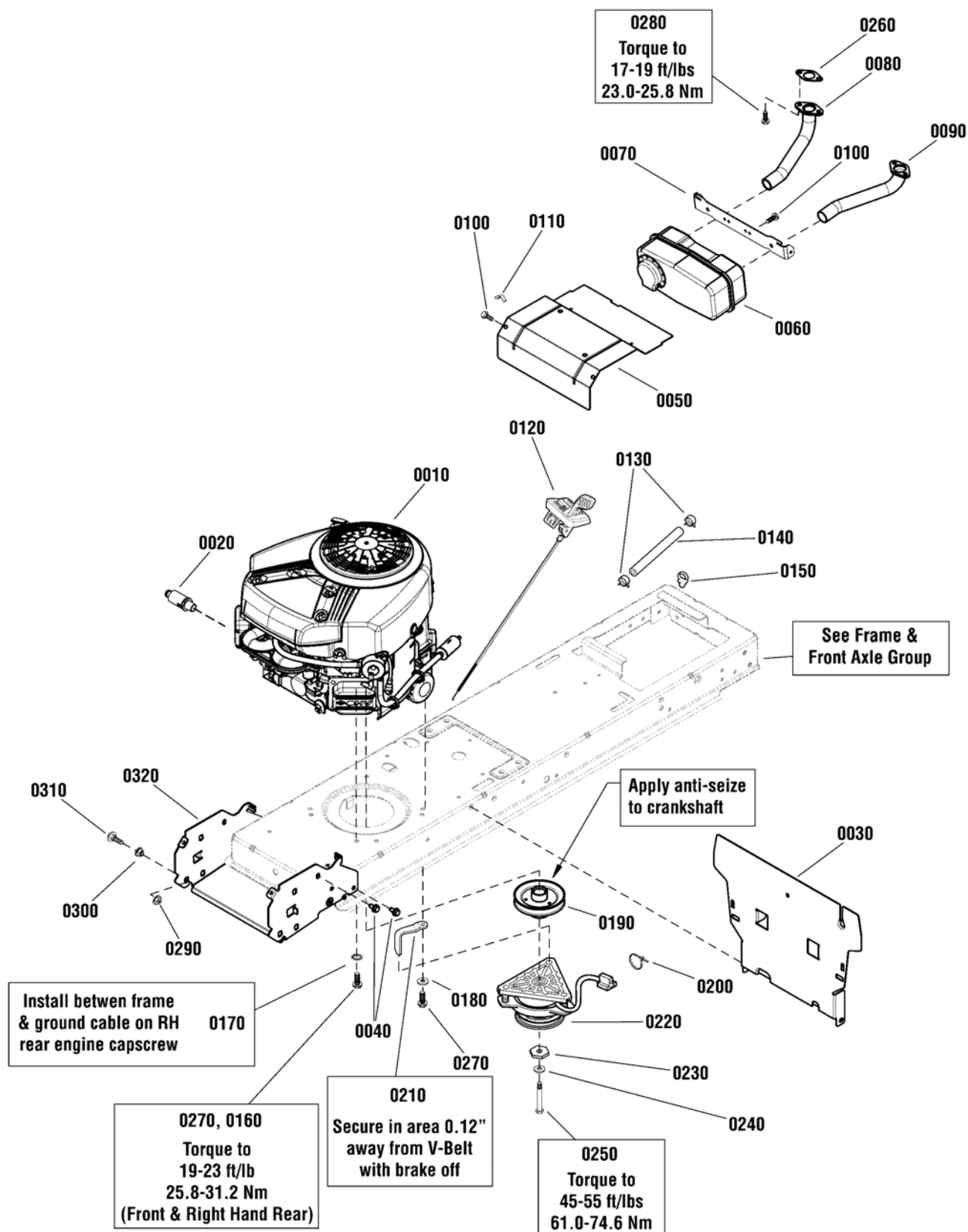
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Footnotes:



Item	Part No	Qty	Description
0020	1727899	1	ROD, Cruise Latch, 5/16 Dia. x 2-13/16 Long
0030	1727897	1	LATCH, Cruise
0040	2159181	1	SPRING, Extension, 9/16 OD x 7-3/4
0050	1728976	1	BOLT, Shoulder, 5/16-18 x 1-5/8, G5
0080	1728000	1	PULLEY, Idler, 3-1/8 OD, 3/8 ID
0090	1931277	2	NUT, Hex Flange Whiz Lock, 5/16-18
0100	1727254	1	ROD, Brake Return, 5/16 Dia. x 12-5/8 Long
0110	1722460	1	PIN, Quick, 1-3/16 Long
0120	1727261	1	PEDAL, Brake
0140	1727253	1	ROD, Brake, 3/8 Dia. x 15-1/8 Long
0150	1918447	1	PIN, Cotter, 15/16 x 3/4
0160	1731262	1	SPRING, Extension, 11/16 OD x 3-3/8
0170	1721995	1	SPRING, Extension, 5/8 OD x 6-5/8 Long
0180	1960687	2	NUT, Hex Flange, ESNA, 3/8-16
0190	1931335	1	BOLT, Carriage, 5/16-18 x 1, G5
0200	1727935	1	SPACER, Pivot 11/32 ID 1-3/4 OD
0210	1727894A	1	BRACKET, Idler
0220	1728001	1	PULLEY, 3 OD, 3/8 ID
0230	1729620	1	SPRING, Extension, 1 OD x 7-1/2
0240	1931352	2	BOLT, Carriage, 3/8-16 x 1-1/2, G5
0250	1721675	1	PAD, Foot Pedal, Forward
0280	1727259	1	PAD, Foot Pedal, Reverse
0310	1739876	1	ROD, Parking Brake, 1/4 Dia. x 16-3/8 Long
0350	1739877	1	ROD, Cruise, 1/4 Dia. x 17

Footnotes:

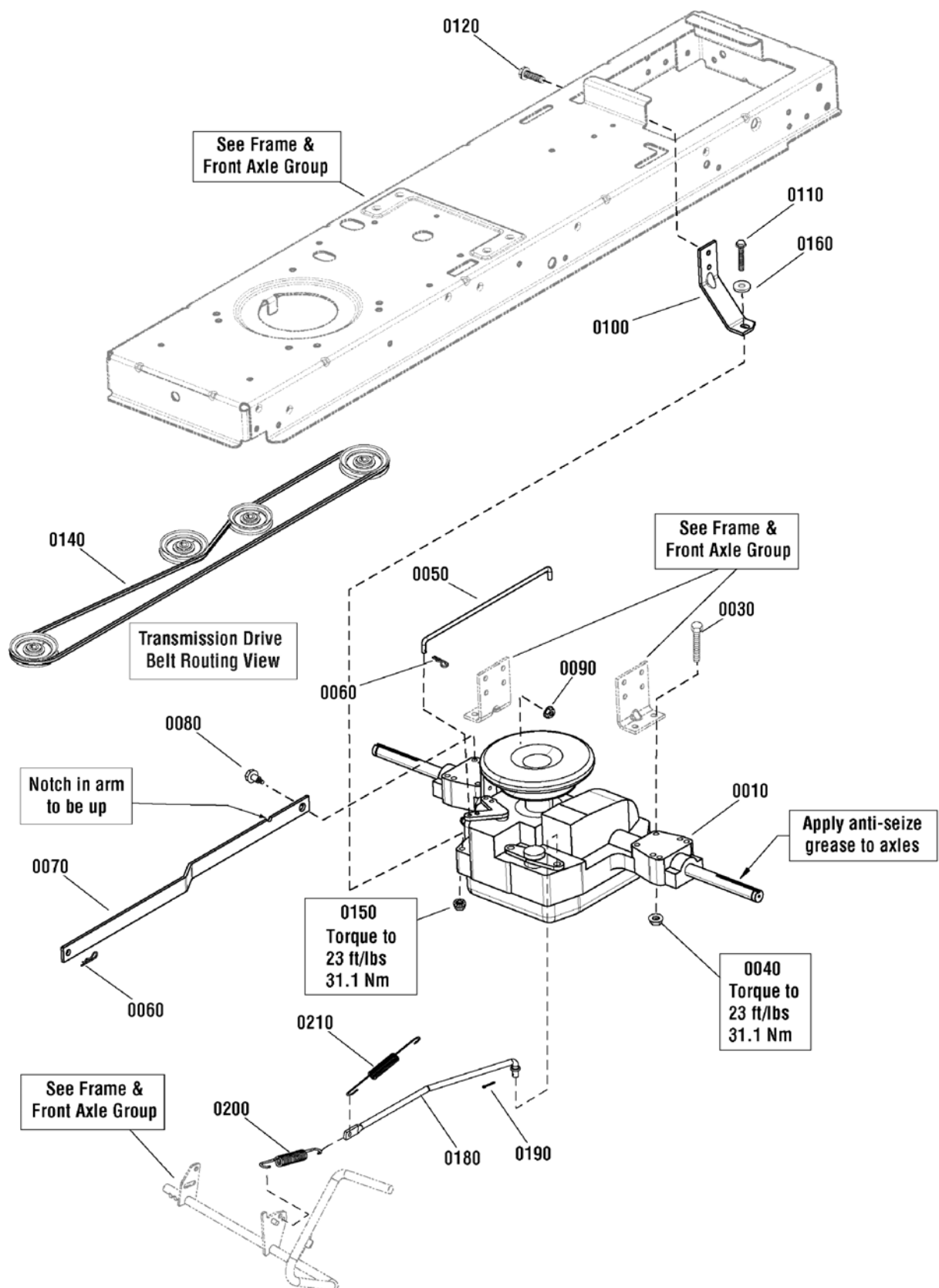


Engine Group - 656cc Briggs & Stratton EFM Twin Professional Series

Item	Part No	Qty	Description
0010	40R877-0014-B1	1	* ENGINE, 656cc B&S Choke-a-matic Model 40R877-0014-B1
0020	1750159YP	1	VALVE, Drain
0030	1738380A	1	HEAT SHIELD, Engine
0040	1930601	8	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
0050	1727997A	1	HEAT SHIELD, Engine, Twin
0060	1727994	1	MUFFLER, Briggs & Stratton Twin
0070	1727976A	1	SUPPORT, Muffler
0080	1727979	1	PIPE, Exhaust, Flanged, R.H, 11/8 OD
0090	1727980	1	PIPE, Exhaust, Flanged, L.H, 11/8 OD
0100	1925003	4	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2
0110	2834683	1	CLIP, Wire, 1/8 Dia.
0120	1750217YP	1	CONTROL, Throttle
0130	93053	2	CLAMP, Hose Band
0140	1734993	1	HOSE, Fuel, 1/4 ID x 1/2 OD, 55" Long, Low Perm.
0150	1730268	1	CLIP, Hose, 1/2 Dia.
0160	2827187	2	CAPSCREW, Hex Washer Head, Taptite, 3/8-16 x 1
0170	2820427	1	LOCKWASHER, External Tooth, 3/8
0180	1924940	1	WASHER, 3/8 x 7/8 OD
0190	1732576	1	PULLEY & HUB ASSEMBLY, Engine
0200	1701011	1	TIE, Self Locking, 15" Long
0210	1737421A	1	GUIDE, Belt, Long
0220	1736105	1	CLUTCH, Electric, OGURA
0230	1708264	1	WASHER, Hex, 7/16, ID x 1-1/2
0240	1918199	1	LOCKWSHER, Spring, 7/16
0250	1960649	1	CAPSCREW, Hex Head, 7/16-20 x 3-1/2, G5
0260	1731214	2	GASKET, Exhaust
0270	2828635	2	CAPSCREW, Hex Washer Head, Taptite, 3/8-16 x 1-1/4
0280	94480	4	CAPSCREW, Hex, Lock Washer, 5/16-18 x 7/8
0290	1931277	2	NUT, Hex Flange, Whiz Lock, 5/16-18
0300	1728086	2	PIVOT, Hood
0310	1931335	2	BOLT, Carriage, 5/16-18 x 1, G5
0320	1738265A	1	SUPPORT, Muffler & Hood Pivot

Footnotes:

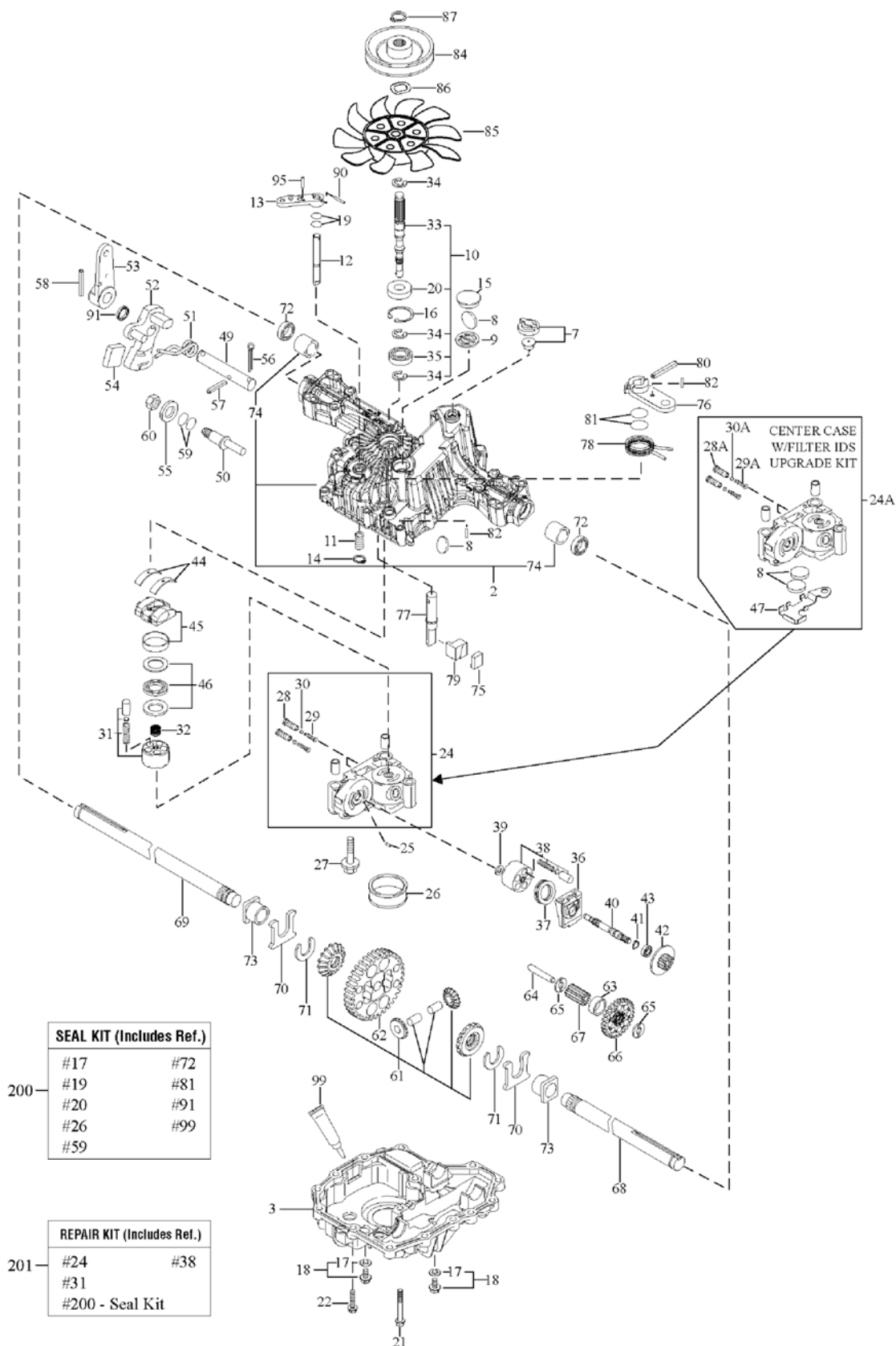
Note* See your local Briggs & Stratton distributor for parts and service.



Item	Part No	Qty	Description
0010	1729588	1	TRANSMISSION ASSEMBLY, K46BP (42" & 46" Models Only)
0010	1729589	1	TRANSMISSION ASSEMBLY, K46BL (48" & 52" Models Only)
0030	1960586	4	SCREW, Hex Flange Wiz Lock, 5/16-18 x 2-1/2
0040	1931277	4	NUT, Hex Flange Wiz Lock, 5/16-18
0050	1728120	1	ROD, 1/4 Dia. X 11-7/16 Lg
0060	1722460	2	PIN, Quick, 1-3/16
0070	1727258A	1	ARM, Control
0080	1732426	1	BOLT, Shoulder, 5/16-18 x 9/16
0090	1935048	1	NUT, Hex Flange Two Way Locking, 5/16-18
0100	1728043A	1	STRAP, Torque
0110	1922127	1	CAPSCREW, Hex Head, 5/16-18 x 1-3/4, G5
0120	1664847	1	SCREW, Hex Washr Head, Taptite, 5/16-18 x 3/4
0140	1728008	1	V-BELT, HA, 89-1/4 Lg
0150	1960686	1	NUT, Hex Flange, ESNA, 5/16-18
0160	1919381	1	WASHER, 5/16 x 1OD
0180	1727253	1	ROD, 3/8 Dia x 15-7/64 Lg
0190	1918447	1	COTTER PIN, 15/16 x 3/4
0200	1731262	1	SPRING, Extension, 5-3/8
0210	1721995	1	SPRING, Extension, 5/8 OD x 6-5/8 Lg

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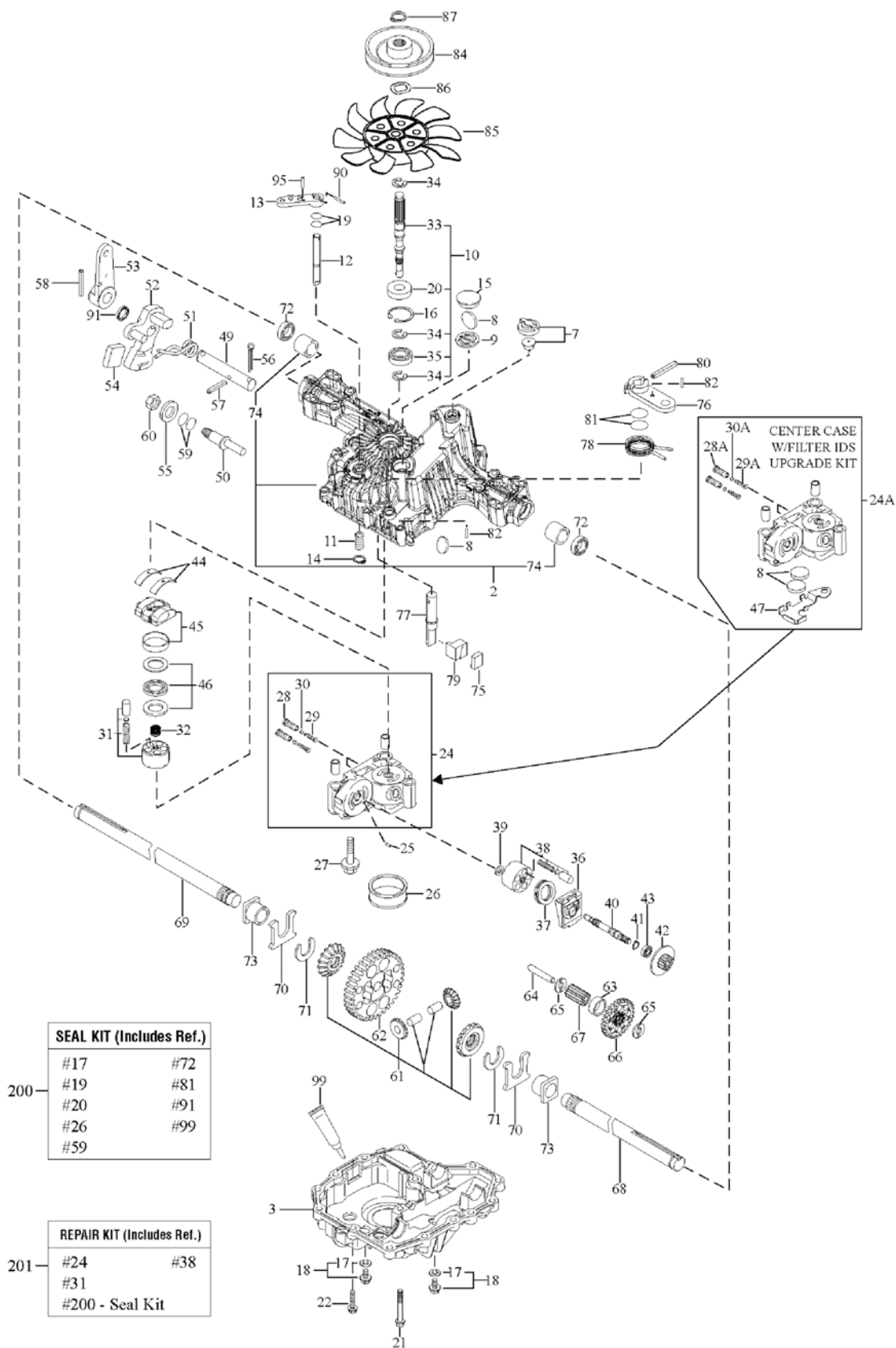
Footnotes:



Item	Part No	Qty Description
1	1729589	* TRANSMISSION, Tuff Torq K46BL
2	----	KIT, Upper Case
3	----	LOWER CASE
7	1718052	VENT VALVE 15
8	1724279	MAGNET
9	----	*MAGNET HOLDER
10	----	*KIT, Pump Shaft/Bearing
11	----	*SPRING 25
12	1724281	BYPASS SHAFT A
13	1720418	LEVER, Bypass
14	1718061	RING, Snap, 10
15	1724282	SEALING CAP 30
16	1708650	RING, Snap, C 35
17	1724323	SEAL WASHER 8
18	----	KIT, Drain Bolt
19	1708691	O-RING, 1A P10A
20	1708651	SEAL TC 153507
21	----	*SCREW, Tapping, 8 * 55
22	1707789	SCREW, Tapping, 8 * 30
24	----	*CENTER CASE K W/ 1.2 FILTER IDS KIT
25	1718070	PIN 3 * 9.8
26	----	FILTER 105
27	1720805	BOLT, 10 * 75
28	----	*IDS VALVE 1.2
29	----	*IDS SPRING
30	----	*IDS FILTER 300
31	----	*KIT, Cylinder Block (Pump)
32	----	*SPRING
33	1739892	PUMP SHAFT
34	1718076	E-RING 15
35	1708673	BEARING, 6202C3
36	1718077	MOTOR HOUSING
37	----	*THRUST BEARING 51106
38	1718079	KIT, Cylinder Block
39	1718084	WASHER, 12 * 24 * 1
40	1724943	MOTOR SHAFT
41	1708672	RING, Snap, S15
42	1724944	BRAKE DISC/MOTOR GEAR (10T)
43	----	*BEARING, 6202 RSR C3
44	1718089	THRUST METAL
45	----	*SWASH PLATE CMP
46	1718086	THRUST BEARING K81105
49	----	*CONTROL SHAFT
50	----	*FULCRUM

Footnotes:

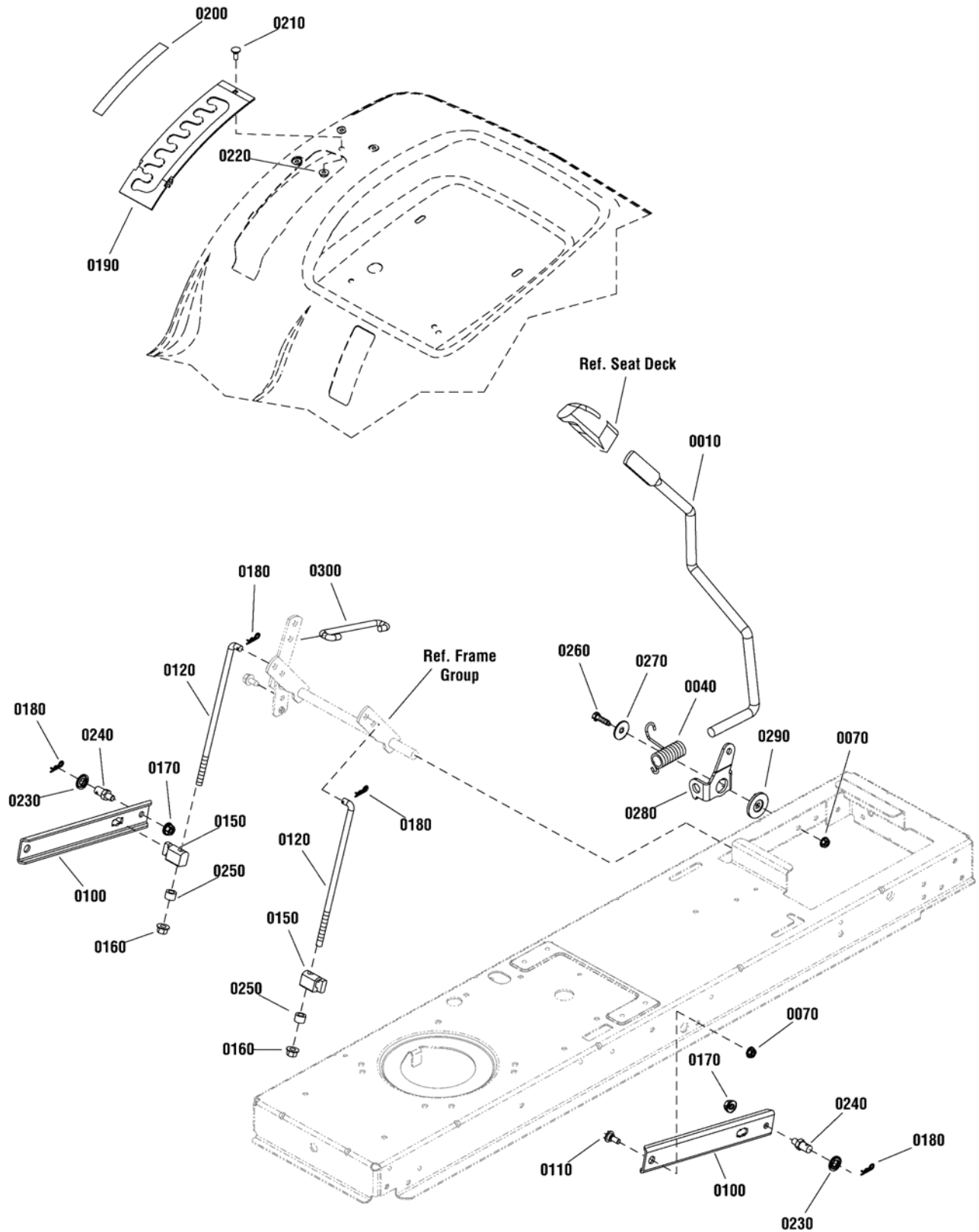
*Note: See your local authorized dealership for Tuff Torq parts and warranty or contact Tuff Torq at www.tufftorqservices.com (U.S. 1-866-572-3441; Int'l 01-423-585-1977)



Item	Part No	Qty Description
51	-----	*SPRING, Torsion
52	-----	*CONTROL ARM A
53	1724347	CONTROL LEVER C
54	-----	*JERKY PLATE
55	1708689	WASHER, 12
56	1724349	COTTER PIN, 1/8 * 3/4
57	1724296	SPRING PIN 6 * 36
58	1718100	ROLL PIN 6 * 40
59	1707879	O-RING 1A P14
60	1708692	NUT 12
61	-----	*KIT, Diff Gear
62	-----	*FINAL GEAR (54T)
63	-----	*FINAL PINION COLLAR
64	-----	*REDUCTION SHAFT
65	1724948	WASHER, 12 * 32 * 3.2
66	1724949	REDUCTION GEAR (38T)
67	-----	*FINAL PINION GEAR (10T)
68	1724303	AXLE SHAFT, Left
69	1724304	AXLE SHAFT, Right
70	1718112	THRUST WASHER
71	1718113	RING 17
72	1718111	SEAL 19 * 32 * 8
73	1718110	BUSHING, 19 * 25
74	-----	*BUSHING, 19.05
75	1724305	BRAKE SHOE
76	1724306	BRAKE LEVER
77	-----	*BRAKE SHAFT
78	-----	*SPRING, Brake Return
79	1724309	BRAKE ACTUATOR
80	1724310	SPRING PIN 5 * 32
81	1708690	O-RING 1A P12
82	1724311	SPRING PIN 4 * 16
84	1732918	PULLEY D
85	1724314	FAN, White
86	1724315	WASHER, Wave
87	1724316	RING, Snap
90	-----	*SPRING PIN 3.0A * 20
91	1724318	OIL SEAL 16 * 22 * .03
95	-----	*SPRING PIN 3.0A * 16
99	-----	*SEALANT
200	1727541	K46 & T40 SEAL KIT (ALL MODELS)
201	-----	*REPAIR KIT K46

Footnotes:

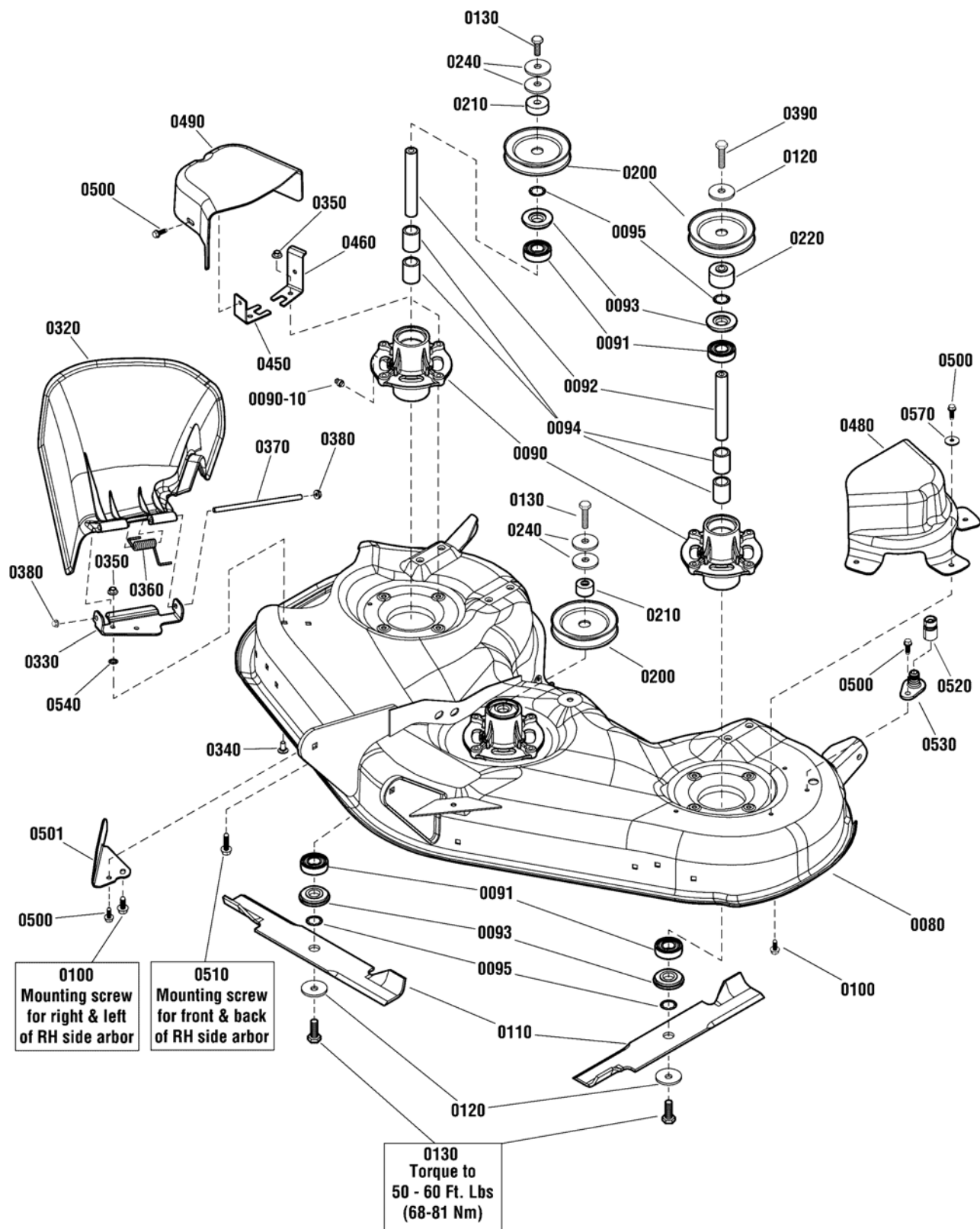
*Note: See your local authorized dealership for Tuff Torq parts and warranty or contact Tuff Torq at www.tufftorqservices.com (U.S. 1-866-572-3441; Int'l 01-423-585-1977)



Item	Part No	Qty	Description
0010	1728070SM	1	ROD, Lift Handle, 17.7
0040	1729652SM	1	SPRING, Torsion, 2.12 Inch
0070	1931277SM	3	NUT, Hex Flange, 5/16-18
0100	1758146BMYP	2	ARM, Rear Lift (Use on 42" Models Only)
0100	1731417BMYP	1	ARM, Rear Lift
0110	1732426SM	2	BOLT, Shoulder
0120	1727955SM	2	ROD, Lower Lift, 10.00 LG
0150	1731894SM	2	TRUNNION
0160	1960687SM	2	NUT, Hex Flange, ESNA, 3/8-16
0170	1931211SM	2	NUT, Hex, Flange Lock, 3/8-16
0180	1960074SM	4	CLIP, Spring
0190	1727985SM	1	QUADRANT, Lift Height
0200	1730264SM	1	DECAL, Height Of Cut
0210	1960252SM	1	BOLT, Carriage, 1/4-20 x 5/8, G5
0220	1930641SM	1	NUT, Hex Flange Whiz, 1/4-20
0230	1960170SM	2	WASHER, 1/2
0240	094067MA	2	PIN, Threaded Shoulder
0250	1666294SM	2	SPACER
0260	1921333SM	1	CAPSCREW, Hex Head, 5/16-18 x 1
0270	1960044SM	1	WASHER, Plain, 21/64 x 1-1/4
0280	1728990ASM	1	CLEVIS, Lift
0290	1727935SM	1	SPACER, Pivot, 5/16 ID, 1-3/4 OD
0300	1727954SM	1	ROD, Lift, 5.43 LG

Footnotes:

46" Mower Deck - Housing, Arbor & Blades Group



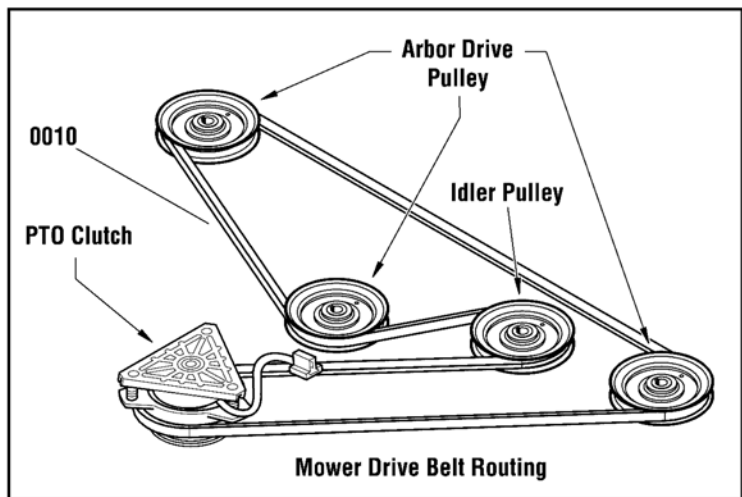
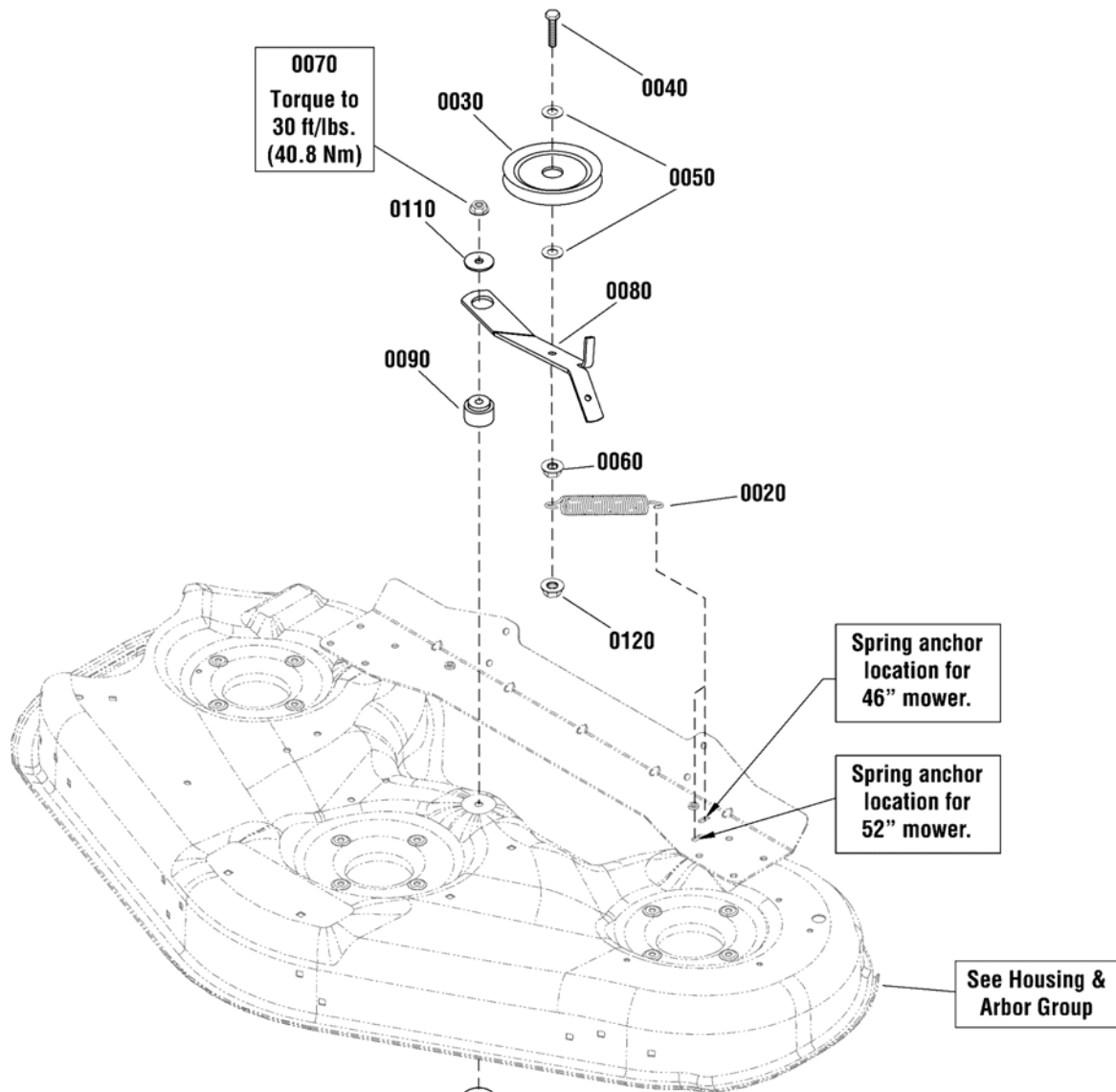
46" Mower Deck - Housing, Arbor & Blades Group

Item	Part No	Qty	Description
0080	1687461YP	1	HOUSING, Mower Deck, 46" Red
0090	1735573YP	3	HOUSING, w/Lube Fitting
0090-10	1704314SM	3	FITTING, Grease
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 Lock"
0100	1960373SM	10	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1"
0110	1737228BZYP	3	BLADE, 46" Mower
0120	1656916SM	4	WASHER, Spring, 0.475ID x 1-3/4 OD
0130	1920676SM	5	CAPSCREW, Hex Head, 7/16-14 x 1, G5
0200	1735686YP	3	PULLEY, 4.6, Split
0210	1735579YP	1	SPACER, Lower Drive
0220	1736445YP	1	SPACER, Pulley"
0240	1960769YP	4	WASHER, Belleville"
0320	1754745YP	1	DEFLECTOR, 46/52"
0330	1758935AYP	1	BRACKET, Hinge
0340	703125	2	BOLT, Carriage, 5/16-18 x 5/8, GR5
0350	703409	4	NUT, Flange, 5/16-18, GR5"
0360	1759042YP	1	SPRING, Torsion
0370	1759064YP	1	ROD, Deflector
0380	7012542YP	2	NUT, Push, 5/16"
0390	703171	1	CAPSCREW, Hex Head, 7/16-14 x 1-3/4, GR5
0450	1736518BMYP	1	BRACKET, Belt Cover, Front
0460	1736519BMYP	1	BRACKET, Belt Cover, Rear
0480	1735750YP	1	COVER, Belt, LH
0490	1735752YP	1	COVER, Belt, RH
0500	703228	7	SCREW, Thread Roll, 5/16-18 x 3/4"
0501	1737279BMYP	1	BAFFLE, Pinchoff
0510	1930600SM	2	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1-1/2"
0520	1756246YP	1	CONNECTOR, Washout Port
0530	1756247YP	1	ADAPTER, Washout Port"
0540	703297	2	RETAINER, 5/16, GR5
0570	703302	3	WASHER, 5/16

Footnotes:

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46" Mower Deck - Clutch Group

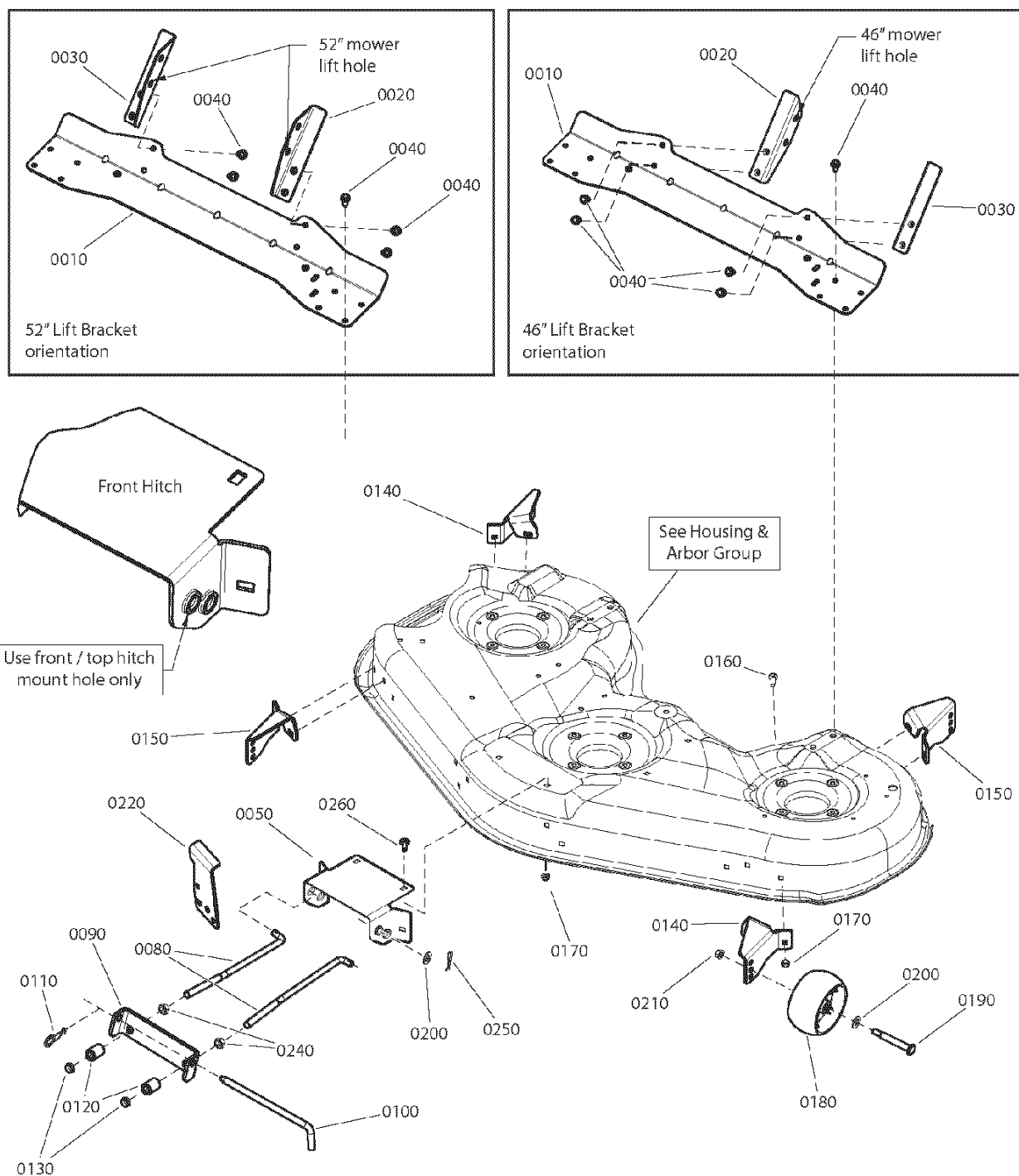


Item	Part No	Qty	Description
0010	1719911SM	1	V-BELT, HA, 117"
0020	1715772SM	1	SPRING, Extension, 1 OD x 5-1/4" Long
0030	1736540YP	1	PULLEY, Idler
0040	1933685SM	1	CAPSCREW, Hex Head, 3/8-16 x 2-1/2, G5
0050	1922755SM	2	WASHER, 3/8 x 1 OD
0060	1931211SM	1	NUT, Hex Flange Whiz Lock, 3/8-16
0070	1960339SM	1	NUT, Hex Flange, 3/8-16
0080	1736551AYP	1	ARM, Idler
0090	1729007SM	1	SPACER, 3/8 ID X 1-1/2 OD x 1-1/32
0100	1923701SM	1	CAPSCREW, Hex Head, 3/8-16 x 2, G5
0110	1924356SM	2	WASHER, 3/8 x 1-1/2 OD
0120	7091585SM	1	NUT, Center Lock, 3/8-16 YZ

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Footnotes:

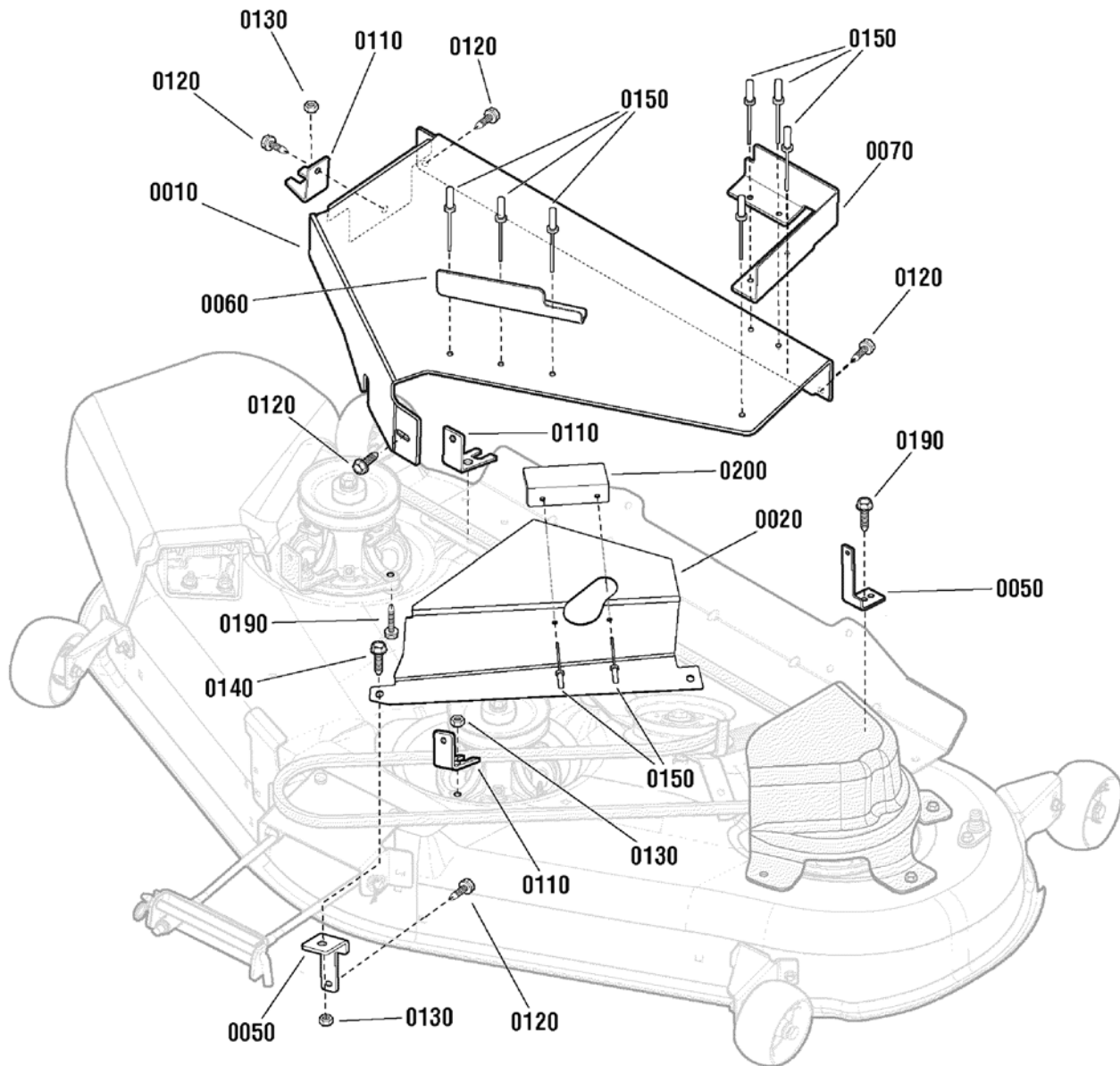
46" & 52" Mower Deck - Height Adjustment Group



46" & 52" Mower Deck - Height Adjustment Group

Item	Part No	Qty	Description
0010	1736070A	1	SUPPORT, Rear Cross
0020	1736072A	1	BRACKET, Rear Mower Pickup
0030	1736073A	1	BRACKET, Rear Mower Pickup
0040	1960373	8	CAPSCREW, Hex Washer Head, Taptite, 5/16-18x 1
0050	1736071A	1	HITCH, Front
0080	1736081	2	ROD, Front Bail
0090	1737059A	1	HANGER, Front Mower
0100	1731414	1	ROD, Latch, 1/2 x 9" Long, 42"
0110	2176012	1	RETAINER, Pin Spring
0120	1679166	2	SPACER, 1/2 ID x 7/8 OD x 1-3/16 Long
0130	1960379	2	NUT, Hex Lock, ESNA, 1/2-13
0140	1736074A	2	BRACKET, Gauge, Wheel, R.H.
0150	1736075A	2	BRACKET, Gauge, Wheel, L.H.
0160	1931334	13	BOLT, Carriage, 5/16-18 x 7/8, G5
0170	1931277	13	NUT, Hex Flange, Whiz Lock, 5/16-18
0180	1736896	4	WHEEL, Gauge, 5" Dia.
0190	1736539	4	BOLT, Shoulder, 3/8-16 X 3-13/32
0200	1960170	6	WASHER, 1/2 x 1 OD
0210	1960687	4	NUT, Hex Flange, ESNA, 3/8-16
0220	1736991A	1	UP STOP
0240	1913744	2	NUT, Hex Jam, 1/2-13
0250	1960074	2	CLIP, Hair Pin, 1-5/8
0260	1931333	2	BOLT, Carriage 5/16-18X.750 G5 Blk

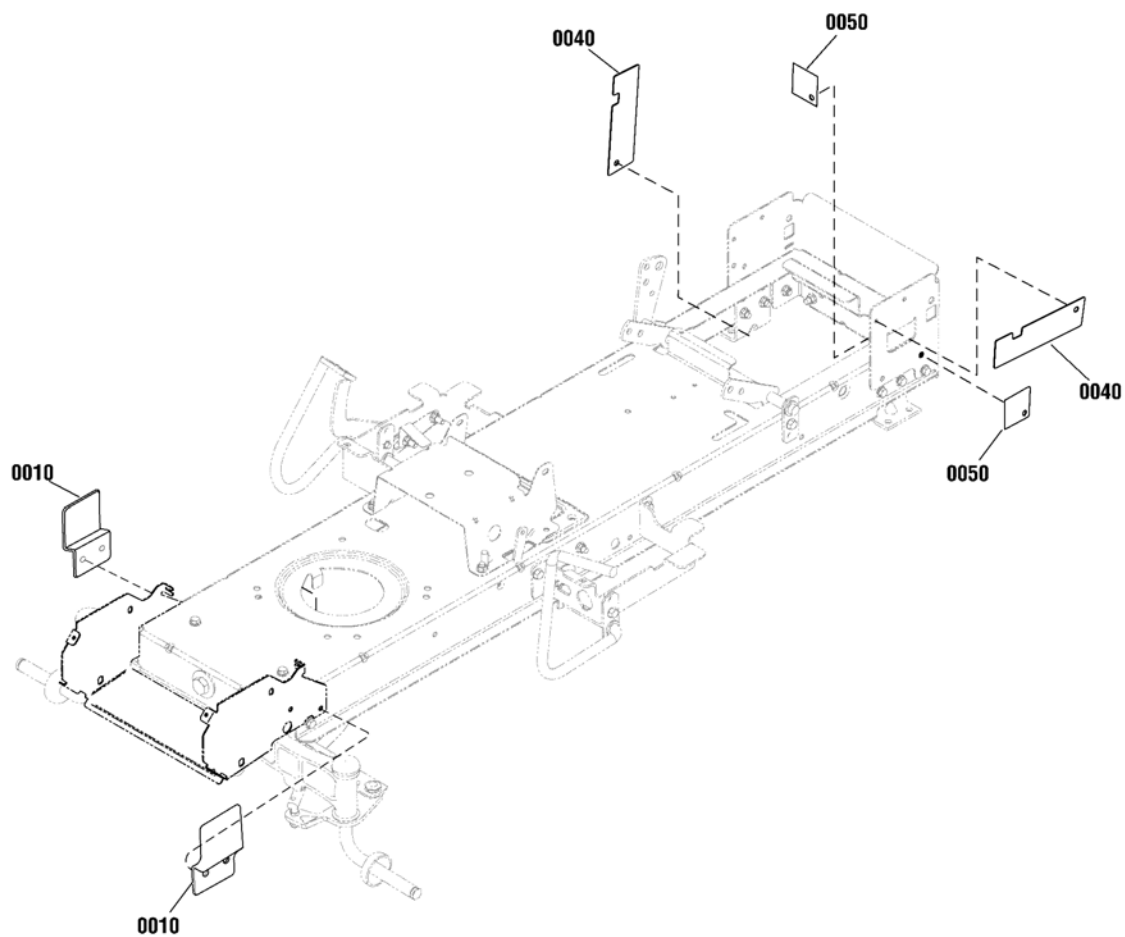
Footnotes:



Item	Part No	Qty	Description
0010	1738752BM	1	GUARD, Cover, 46" Frame Hung
0020	1738753BM	1	GUARD, BELT, 46" Frame Hung
0050	1738756BM	2	BRKT, Mounting, Guard
0060	1738757BM	1	GUARD, Rear, 46" Frame Hung
0070	1738758BM	1	GUARD, Rear, 46" Frame Hung
0110	1736518BM	3	BRACKET, Belt Cover, Front
0120	1924856	5	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
0130	1931277	3	NUT-Hex Flange Whiz Lock, 5/16-18
0140	1925205	1	CAPSCREW, Hex Head, 5/16-18 x 5/8, G5
0150	1675044	9	RIVET, 3/8 Head Dia.
0190	1930600	2	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1-1/2
0200	1752296A	1	GUARD, Belt Cover

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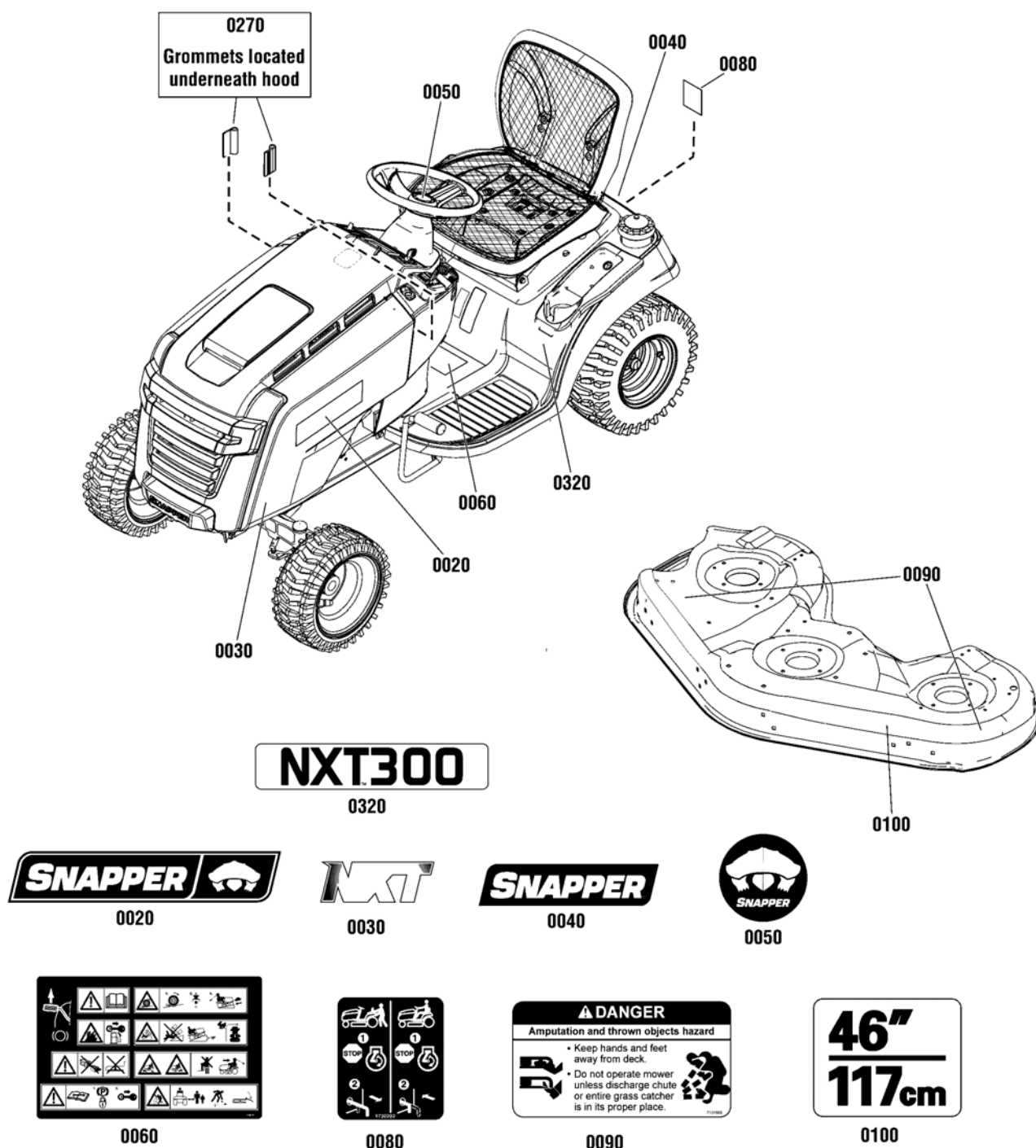
Footnotes:



Item	Part No	Qty	Description
0010	1738798BMYP	2	GUARD, Front
0040	1752160BMYP	2	GUARD, Pulley, Rear
0050	1737850BMYP	2	GUARD, Rear

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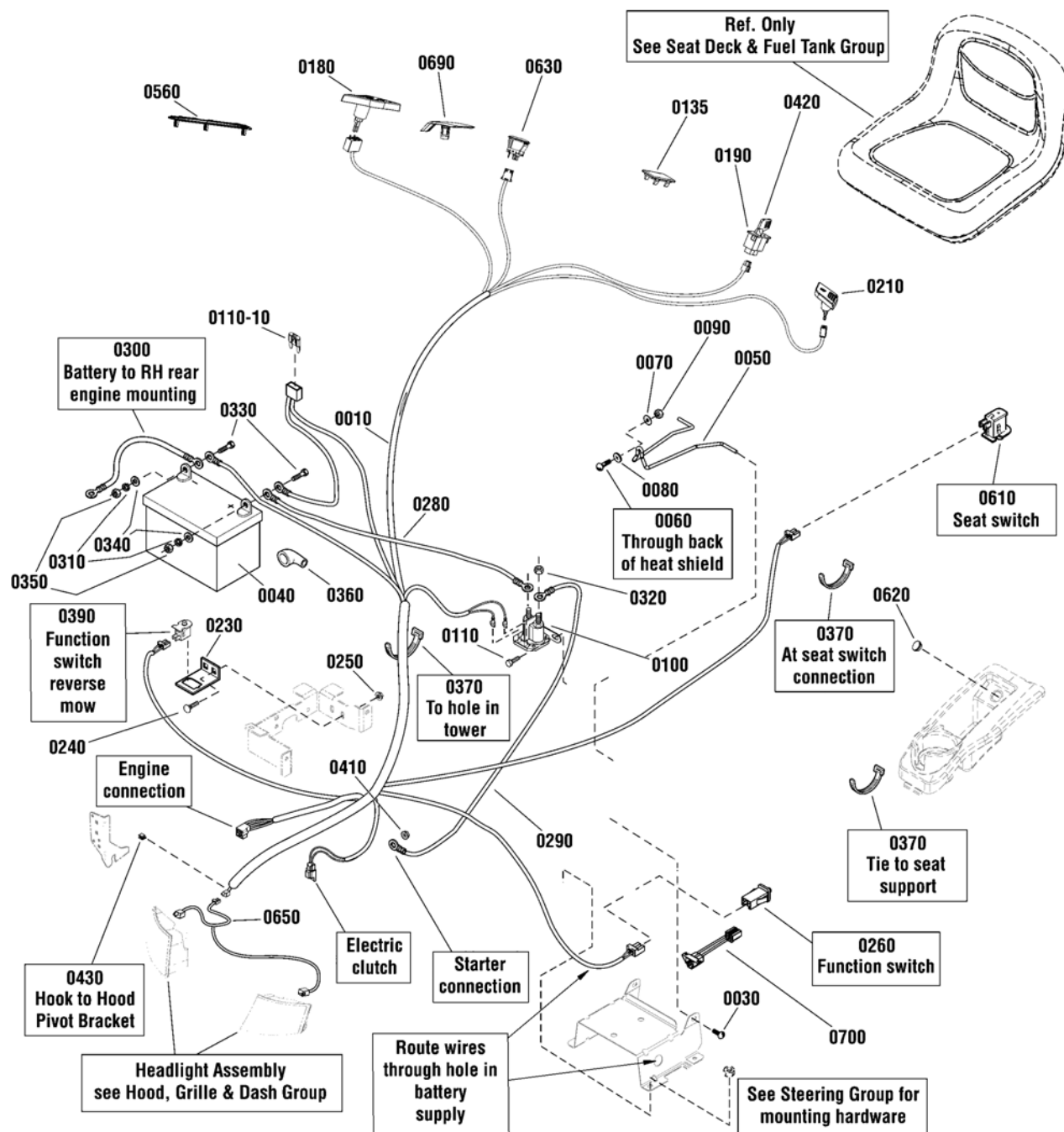
Footnotes:



Item	Part No	Qty	Description
0020	1751632YP	2	DECAL, Snapper Turtle
0030	7104875YP	2	DECAL, Front Cover
0040	1750913YP	1	DECAL, Snapper Logo
0050	1739085SM	2	DECAL, Logo, Steering Wheel
0060	1750191YP	1	DECAL, Tunnel
0080	1730202SM	1	DECAL, Tow / Release Lever
0090	7101665YP	2	DECAL, Danger, Cut Hand/Foot
0100	1755718YP	1	DECAL, Deck, 46"/117CM
0270	1738925YP	2	GROMMET, Strip
0320	1758868YP	1	DECAL, Model
--	1750766	1	HARDWARE BAG, Tire (Not a serviceable part)
--	1750731		HARDWARE BAG, Steering (Not a serviceable part)

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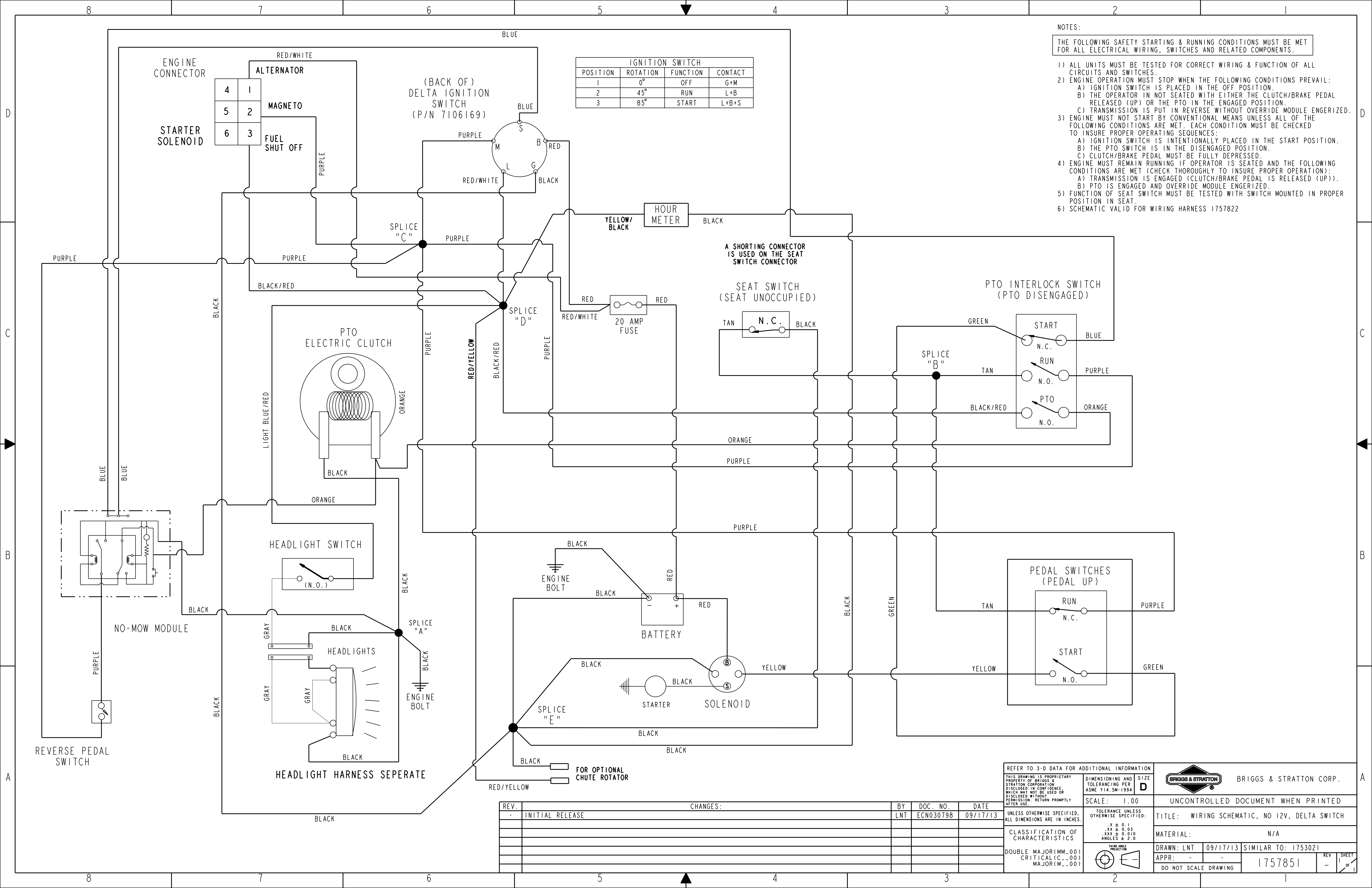
Footnotes:



Item	Part No	Qty	Description
0010	1757822YP	1	WIRING HARNESS (for Delta Ignition Switch)
0010-10	-----	1	* FUSE, Mini, 20 Amp (Included with Ref. No. 0110)
0030	1930601SM	2	SCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
0040	-----	1	BATTERY, 12 Volt, 7U1L
0050	1730007SM	1	HOLD DOWN, Battery
0060	1931318SM	1	BOLT, Carriage, 1/4-20 x 7/8, G5
0070	703229	1	WASHER, 1/4 x 27/32
0080	1960518SM	1	PUSHNUT, 1/4
0090	703232	1	NUT, Hex Lock, 1/4-20, ESNA
0100	1728963SM	1	SOLENOID
0110	B4300GS	2	SCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2
0135	1722611SM	1	PLUG, Hole 27/32 x 1-3/4
0180	1738982YP	1	SWITCH, PTO
0190	1726556SM	1	SWITCH, RMO, Module Only
0210	1738983YP	1	SWITCH, Light
0230	1728026ASM	1	SUPPORT, RMO Switch
0240	703185	2	BOLT, Carriage, 5/16-18 x 3/4, G5
0250	703409	2	NUT, Hex Flange Whiz Lock, 5/16-18
0260	1732006SM	1	SWITCH, Push Button
0280	1752685YP	1	CABLE, 8GA, Red, 10"
0290	1751450YP	1	CABLE, 8GA, Red, 25"
0300	1752686YP	1	CABLE, 8GA, Black, 26"
0310	2816964SM	2	LOCKWASHER, 1/4
0320	2860750SM	2	NUT, Hex, Keps, 5/16-24
0330	1923341SM	2	CAPSCREW, Hex Head, 1/4-20 x 3/4, G5
0340	2821319SM	2	WASHER, 1/4 x 5/8 OD
0350	2816622SM	2	NUT, Hex, 1/4-20
0360	1677296SM	1	BOOT, Insulator Battery Terminal, Red
0370	1701011SM	4	TIE, Self Locking, 7-5/16
0390	1732004SM	1	SWITCH, Push Button, NO, Black
0410	703233	1	NUT, Hex Flange Whiz Lock, 1/4-20
0420	1726557SM	2	KEY, No Mow Module (Yellow)
0430	2172434SM	1	CLIP, Panel
0560	1752934YP	1	PLUG, Dash, No Hourmeter
0610	7023354YP	1	SWITCH, Push Button, NC, Gray
0620	1732007SM	1	PLUG, Hole, 7/8 Dia.
0630	1737959YP	1	SWITCH, Ignition (Trombetta)(Without Key)
0630	7106169YP	1	SWITCH, Ignition (Delta)(Without Key)
0650	1751941YP	1	HARNESS, Headlight, Led Lights
0690	1753240YP	1	PLUG, Starter Insert
0700	1734025SM	1	JUMPER, Wires & Connectors Assembly, 3"
1190	7106169YP	1	KEY, Ignition Switch - Delta (Not Illustrated)

Footnotes:

Note* See your local hardware store for replacement fuses.

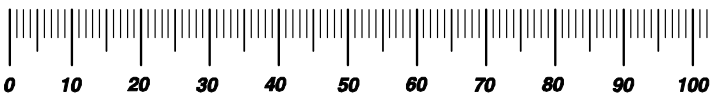


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Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance $\pm 20\%$)								
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

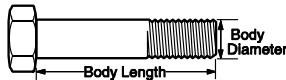
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

Thread Diameter (mm)
Inside Diameter (in)
Threads per inch

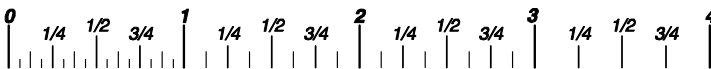
Nut, 1/2-16



Screw, M8- 1.25 x 25

Thread Diameter (mm)
Body Diameter
Distance between threads (mm)
Threads per inch
Body Length (mm)
Body Length (in)

Screw, 1/2- 16 x 2



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*, (1.25 thread diameter). The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)						
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

Hex Head Capscrew



Washer



Lockwasher



Carriage Bolt



Hex Nut



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

Parts Manual for

SNAPPER®

***HYDRO DRIVE ELECTRIC CLUTCH
(117 cm) SPX LAWN TRACTOR
LT-150 SERIES***

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