



PARTS LIST



17.5HP Models

Mfg. No.	Description
2690842	EMT175460, 17.5HP 46" Hydro

20HP Models

Mfg. No.	Description
2690843	EMT20460, 20HP 46" Hydro

Mower Decks

Mfg. No.	Description
1695809	46" Mower Deck

Manual Part No. 1750279

Revision -

Rev. Date: 2/23/2010

Not for
Reproduction

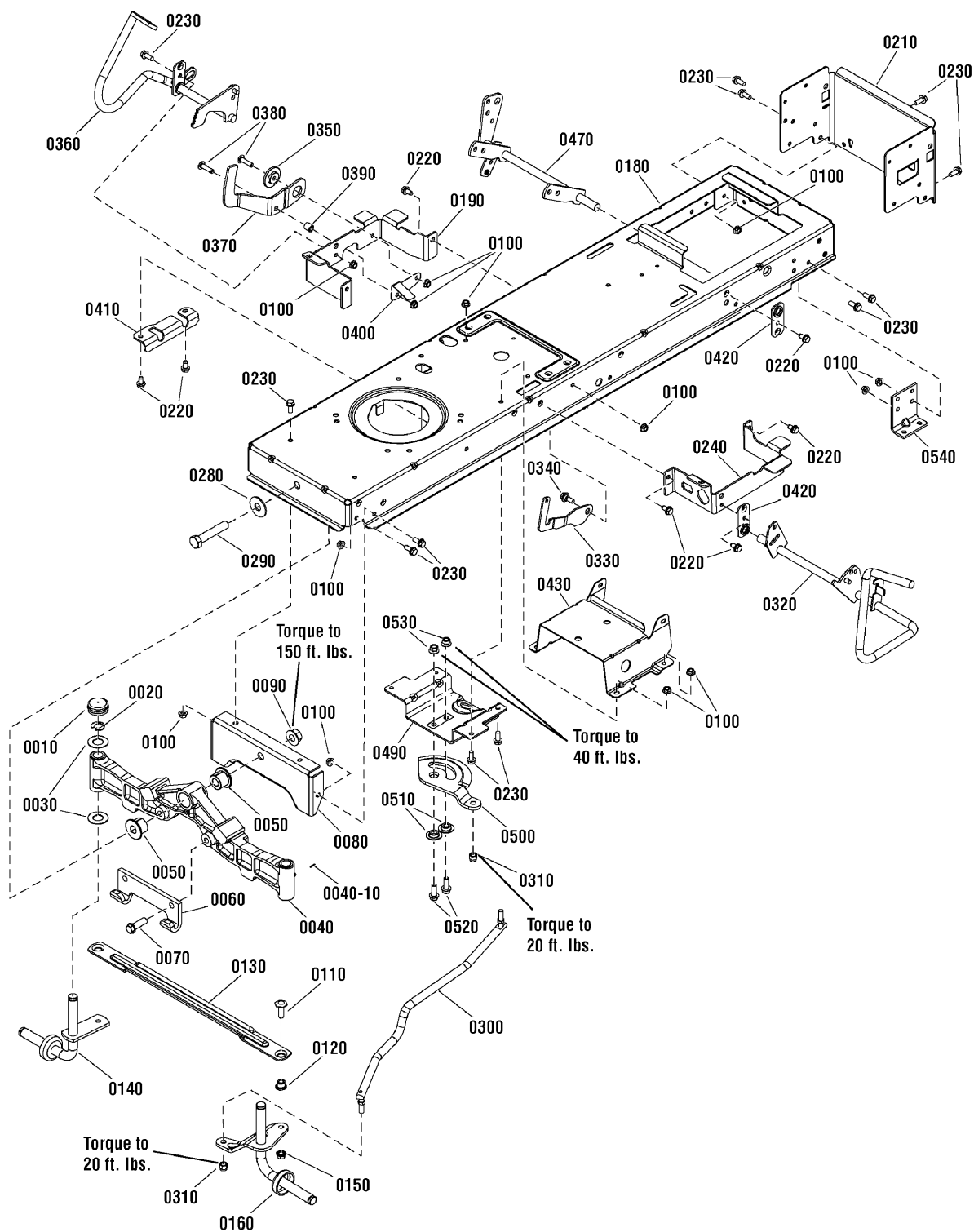
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Not for
Reproduction

Frame Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2986847



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Frame Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1734135SM	2	CAP, Hub
0020	1611710SM	2	RING, Klipping 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	1931277SM	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	1728080ASM	1	ROD, Tie
0140	1727872ASM	1	SPINDLE & CUP ASSEMBLY, R.H.
0150	1930645SM	2	NUT, Hex, Flange, Locking, 3/8-16
0160	1727873ASM	1	SPINDLE & ARM ASSEMBLY, L.H.
0180	1738937YP	1	FRAME
0190	1727904SM	1	SUPPORT, Front Footrest R.H.
0210	1738229YP	1	SUPPORT, Rear Frame
0220	1930601SM	9	SCREW, Taptite, 5/16-18 x 5/8
0230	1930591SM	14	CAPSCREW, Hex Head, Flange Whiz Lock, 5/16-18 x 3/4
0240	1727905SM	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	1727868SM	1	LINK, Drag
0310	1960747SM	2	NUT, Hex Nylock, 3/8-24
0320	1736404AYP	1	PEDAL ASSEMBLY, Brake
0330	1735595ASM	1	LATCH, Brake Lock
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	1727911ASM	2	PLATE, Bearing
0430	1727282SM	1	SUPPORT, Battery
0470	1737957YP	1	LIFT SHAFT ASSEMBLY
0490	1727940SM	1	BRACKET, Sector Support
0500	1728027SM	1	GEAR, Steering
0510	1728122SM	2	SPACER, Sector Gear

Footnotes

The above parts group applies to the following Mfg. Nos.:

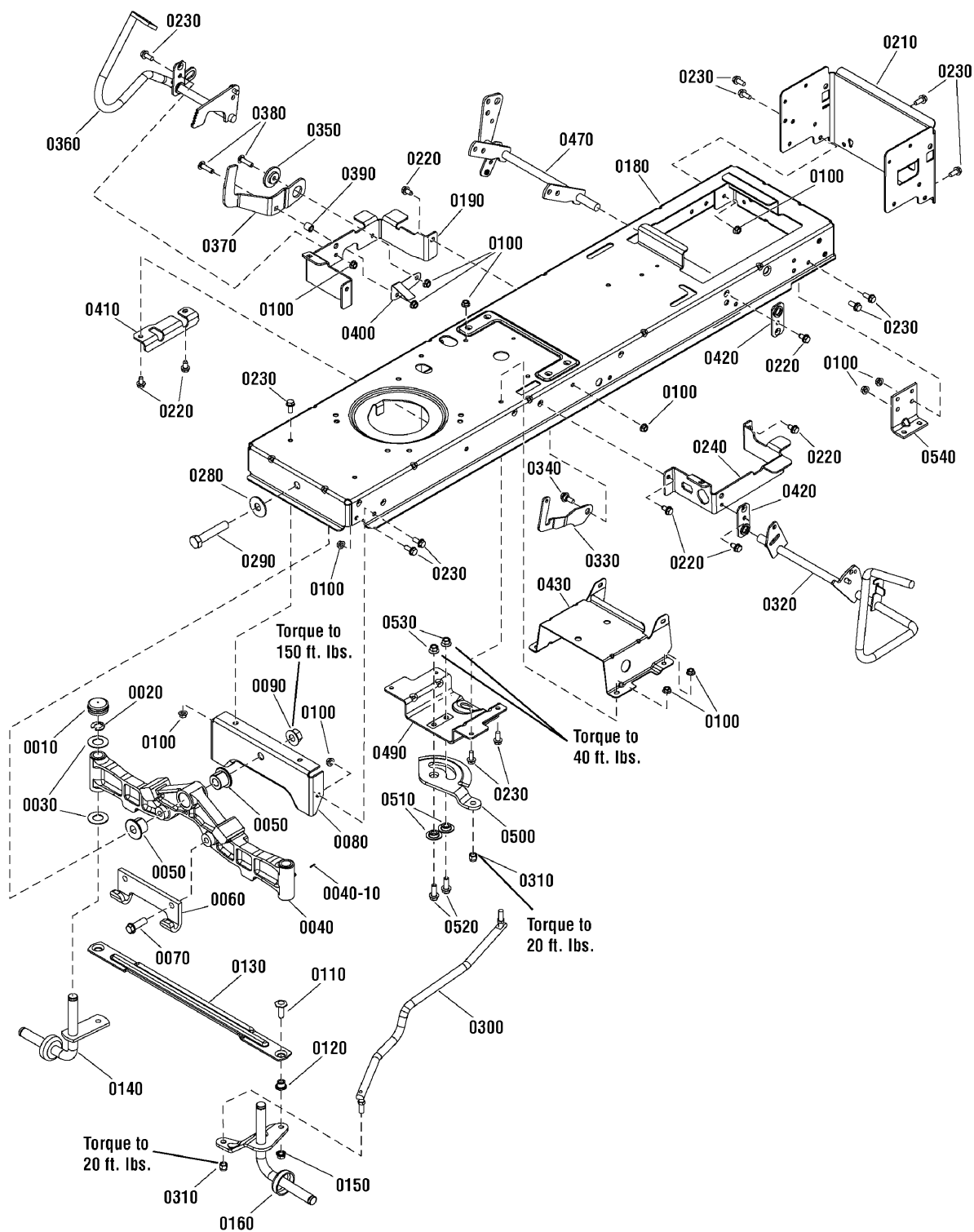
2690842 - EMT175460

2690843 - EMT20460

Frame Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2986847



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Frame Group

REF NO	PART NO.	QTY.	DESCRIPTION
0520	1934654SM	2	SCREW, Hex Flange, Whiz Lock, 3/8-16 x 1
0530	1931211SM	2	NUT, Hex Flange, Whiz Lock, 3/8-16
0540	1727903SM	1	SUPPORT, Transmission

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Footnotes

The above parts group applies to the following Mfg. Nos.:

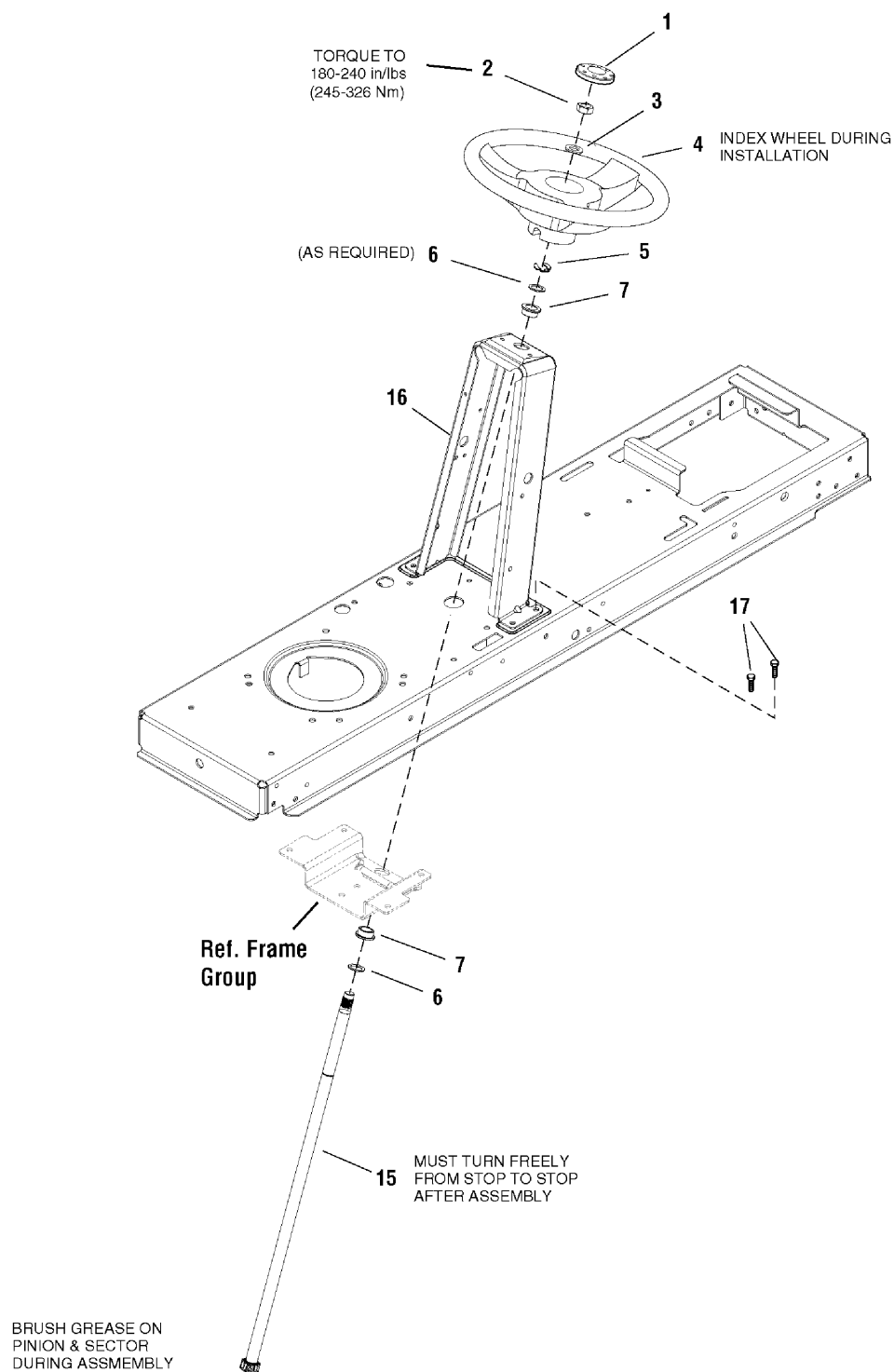
2690842 - EMT175460

2690843 - EMT20460

Steering Group

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

2987110



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Steering Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1725024SM	1	CAP, Steering Wheel, Plain
2	1960576SM	1	NUT, Hex Lock, ESNA Light, 5/8-18, Thin
3	1924366SM	1	WASHER, 5/8 x 1-1/8
4	1728069SM	1	STEERING WHEEL, w/Aluminum Insert
5	1611710SM	1	RING, Klipring Extension
6	1960114SM	2	WASHER, 3/4 x 1
7	1729665SM	2	BUSHING, Steering
15	1727813SM	1	SHAFT, Steering Gear & Spline Yellow
16	1738935AYP	1	TOWER
17	1930601SM	4	SCREW, Hex Washer Head, Taptite

Not for
Reproduction

Footnotes

The above parts group applies to the following Mfg. Nos.:

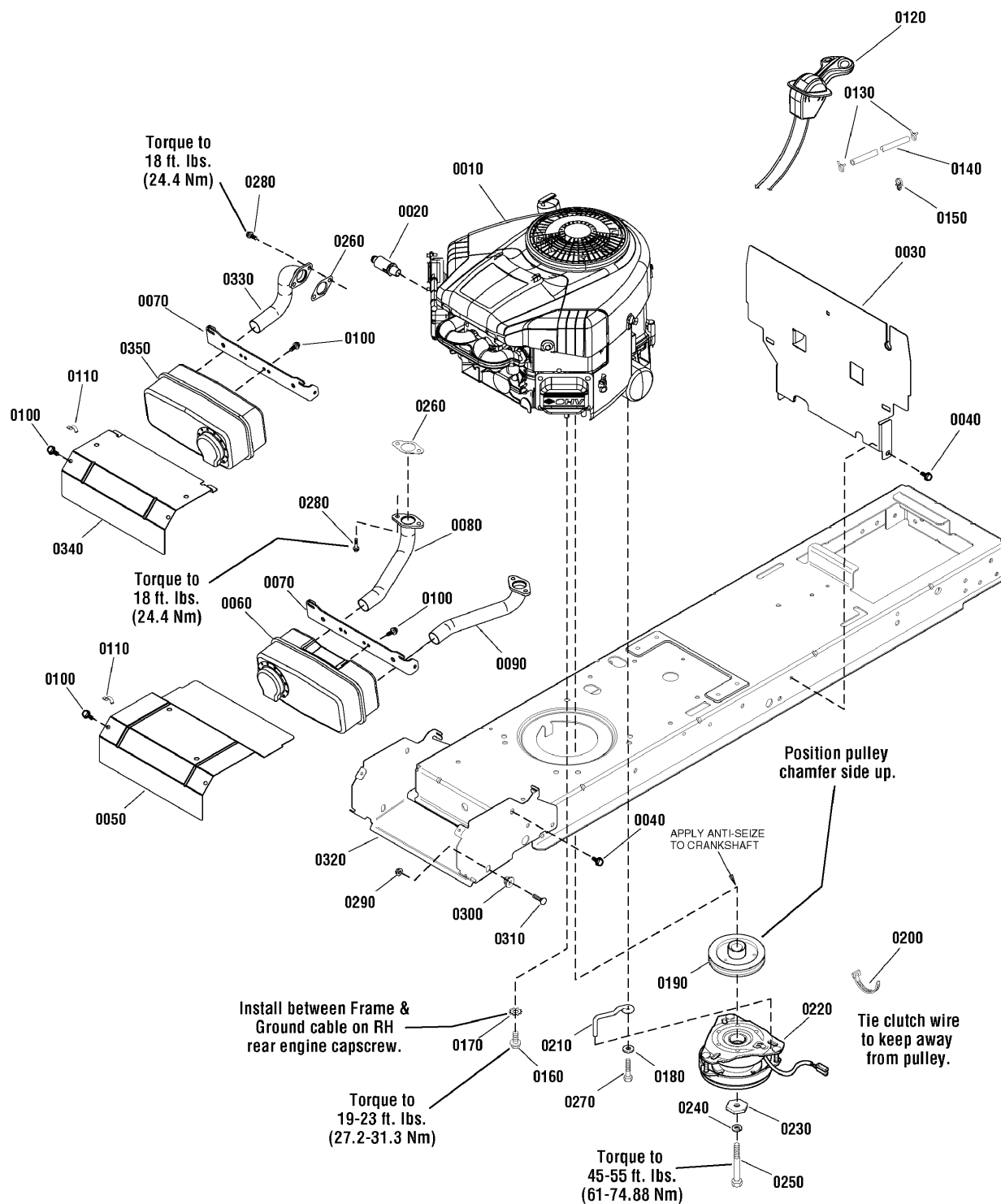
2690842 - EMT175460

2690843 - EMT20460

Engine Group - 17.5HP & 20HP

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2988696



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Engine Group - 17.5HP & 20HP

REF NO	PART NO.	QTY.	DESCRIPTION
0010	31G777-0144-B1	1	* ENGINE, 17.5HP Briggs & Stratton, Intek Single (Engine Model: 31G777-0144-B1)
0010	406777-0170-B1	1	* ENGINE, 20HP Briggs & Stratton, Intek Twin (Engine Model: 406777-0170-B1)
0020	1717473SM	1	VALVE, Shut Off Oil Drain
0030	1728058SM	1	HEAT SHIELD (Single)
0040	1930601SM	4	SCREW, Hex Washer, Taptit, 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, Taptit, 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	HOSE CLAMP, Fuel
0140	1734993SM	1	HOSE, Fuel, 55 in
0150	1730268SM	2	CLIP-Hose, Black
0160	2827187SM	2/3	SCREW, Hex Washer, Taptit, 3/8-16 x 1 (2 used on 20HP Model, 3 used on 17.5HP model)
0170	2820427SM	1	LOCKWASHER, External Tooth
0180	1924940SM	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
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-Head 3/8-16 x 1-3/4"
0280	690341	2/4	SCREW, Hex SEMS Lock Washer 5/16-18 x 7/8
0290	1931277SM	2	NUT, Hex Flange, 5/16-18
0300	1728086SM	2	PIVOT, Hood
0310	1931335SM	2	BOLT, Carriage, 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* For information on Replacement Parts contact the engine manufacturer.

The above parts group applies to the following Mfg. Nos.:

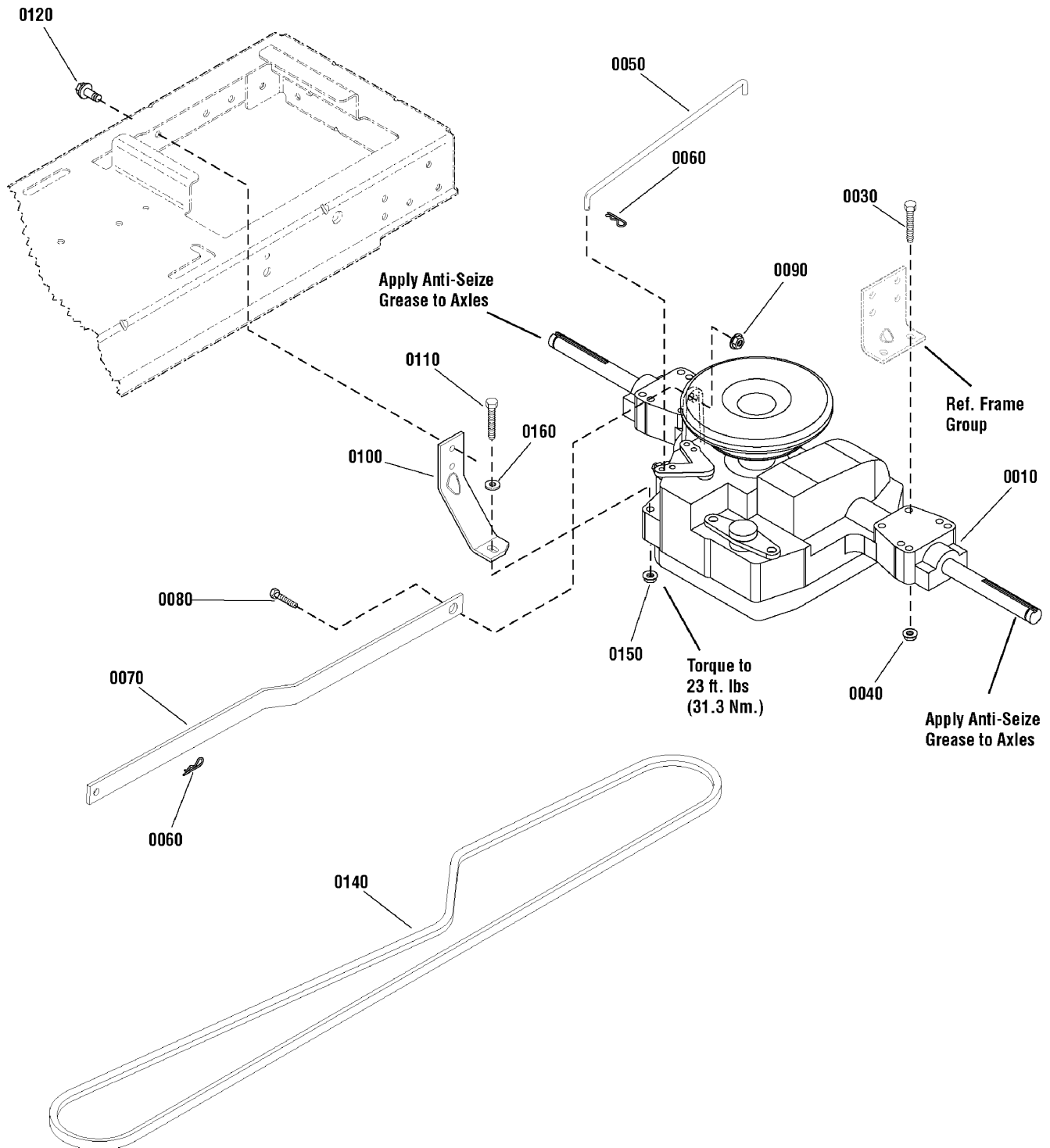
2690842 - EMT175460

2690843 - EMT20460

Transmission Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2987060



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Transmission Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1729588SM	1	TRANSMISSION ASSEMBLY, K46BP
0030	1960586SM	4	SCREW, Hex Head Flange Lock, 5/16-18 x 2-1/2
0040	1931277SM	4	NUT, Hex Flange, Whiz Lock, 5/16-18
0050	1728120SM	1	ROD, Bypass, 11.44 LG Yellow
0060	1722460SM	2	PIN, Quick
0070	1727258SM	1	ARM, Control
0080	1732426SM	1	BOLT, Shoulder, 5/16-18 x 1/2
0090	1935048SM	1	NUT, Hex Flange, 5/16-18
0100	1728043SM	1	STRAP, Torque
0110	1922127SM	1	CAPSCREW, Hex Head, 5/16-18 x 1-3/4
0120	1664847SM	1	CAPSCREW, Hex Head, Taptite, 5/16-18 x 3/4
0140	1728008SM	1	V-BELT, Drive Belt, Aramid/Kevlar
0150	1960686SM	1	NUT, Hex Flange, 5/16-18 ESNA
0160	1919381SM	1	WASHER, Plain, 5/16

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Footnotes

The above parts group applies to the following Mfg. Nos.:

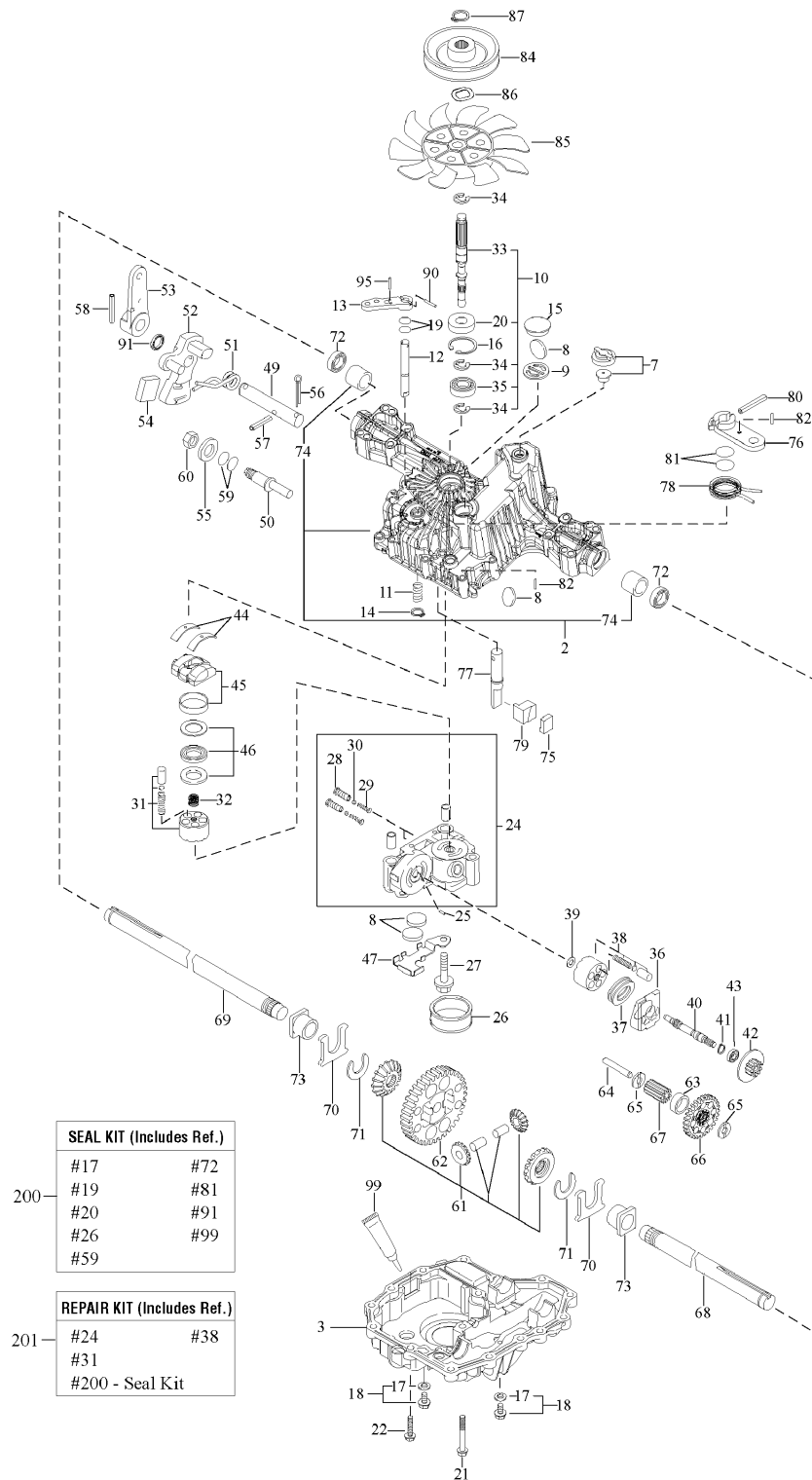
2690842 - EMT175460

2690843 - EMT20460

Transmission SERVICE PARTS - Tuff Torq K46BL

1729588

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Transmission SERVICE PARTS - Tuff Torq K46BL

REF NO	PART NO.	QTY.	DESCRIPTION
1	1729588SM		*TRANSMISSION, Tuff Torq 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	1732910YP		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

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)

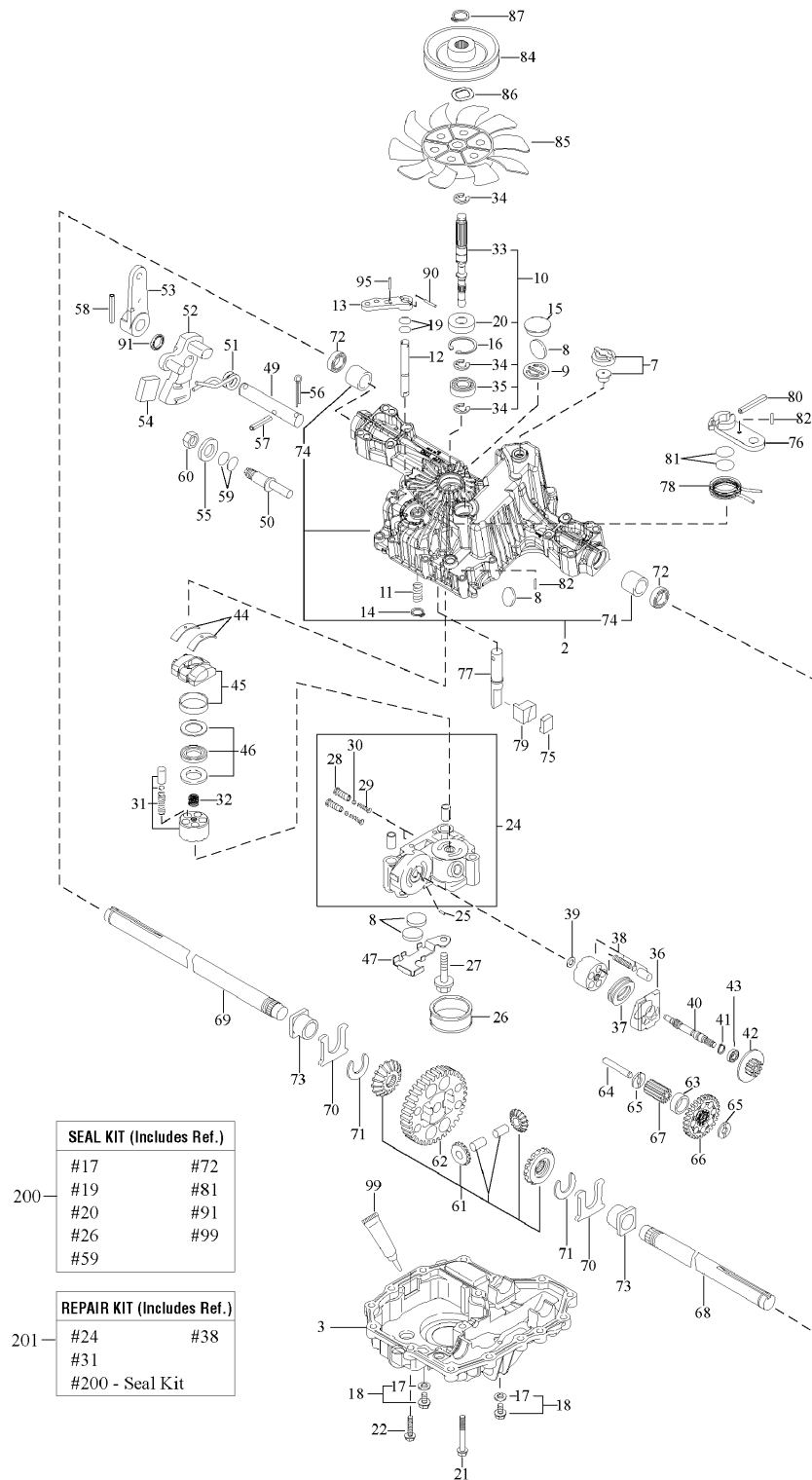
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2690842 - EMT175460
2690843 - EMT20460

Transmission SERVICE PARTS - Tuff Torq K46BL

1729588

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Transmission SERVICE PARTS - Tuff Torq K46BL

REF NO	PART NO.	QTY.	DESCRIPTION
52	----		CONTROL ARM A
53	1724347SM		CONTROL LEVER C
54	----		JERKY PLATE
55	1708689SM		WASHER, 12
56	1724349SM		COTTER PIN, 1/8 * 3/4
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
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		SNAP RING
90	----		*SPRING PIN 3.0A * 20
95	----		*SPRING PIN 3.0A * 16
99	----		*SEALANT
200	1739894YP		*K46 & T40 SEAL KIT (ALL MODELS)
201	----		*REPAIR KIT K46

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)

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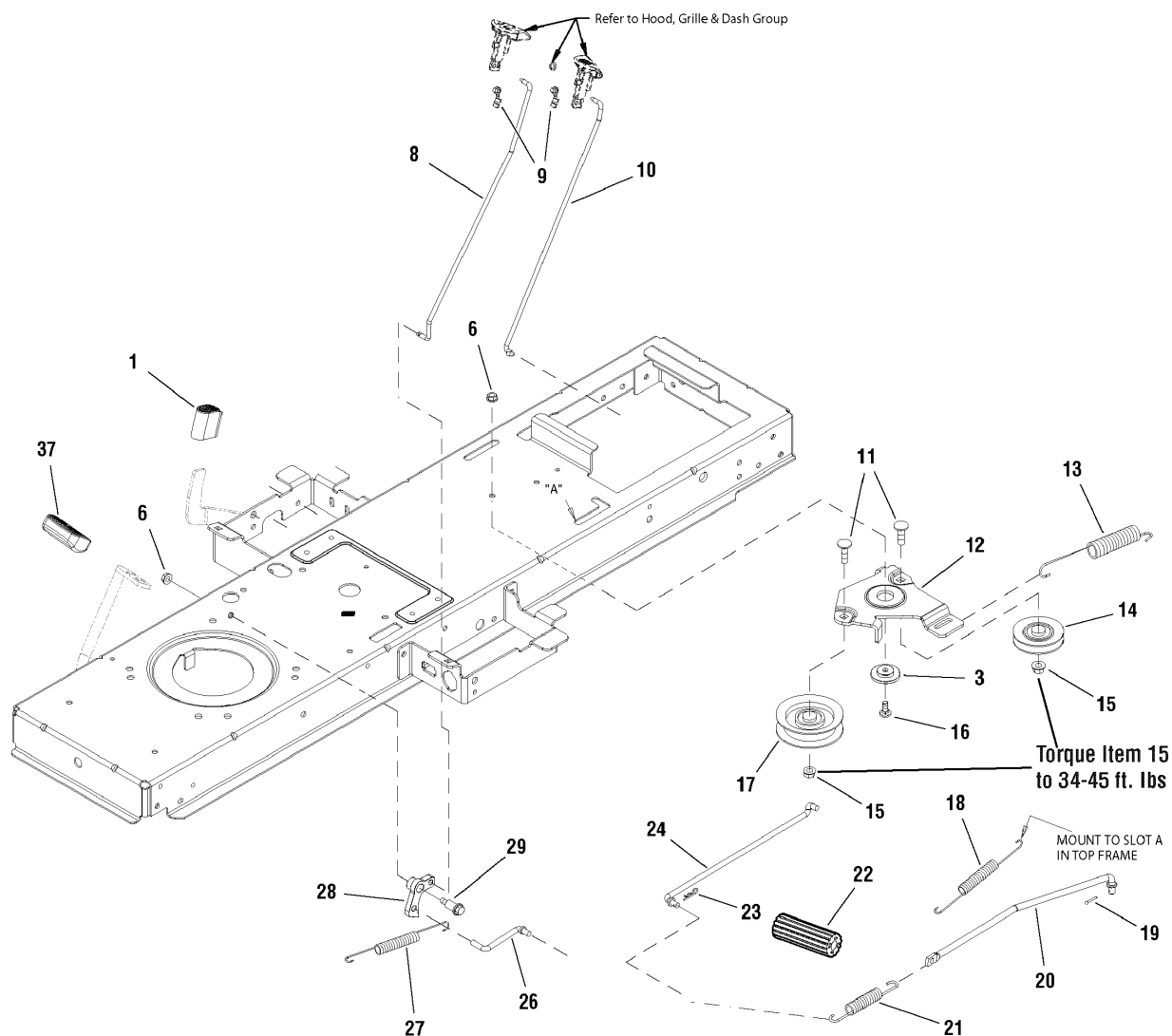
2690842 - EMT175460

2690843 - EMT20460

Controls Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2986842



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Controls Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1727259SM	1	PAD, Foot Pedal Reverse
3	1727935SM	1	SPACER, Pivot
6	1931277SM	2	NUT, Hex, Flange Whizlock, 5/16-18
8	1738760YP	1	ROD, Cruise Latch, 17"
9	1728111SM	2	CLIP, Linkage, Black
10	1727267SM	1	ROD, Parking Brake, 16-3/8"
11	1931352SM	2	BOLT, Carriage, 3/8-16 x 1-1/2
12	1727894SM	1	BRACKET, Idler
13	1729620SM	1	SPRING, Extension 7-1/2"
14	1728001SM	1	PULLEY, 3 OD Plastic
15	1960687SM	2	NUT, Hex Flange, ESNA, 3/8-16
16	1931335SM	1	BOLT, Carriage, 5/16-18 x 1
17	1728000SM	1	PULLEY, Idler
18	1721995SM	1	SPRING, Extension
19	1918447SM	1	PIN, Cotter 3/32 x 3/4
20	1727253SM	1	ROD, Brake, 15.1 LG
21	1731262SM	1	SPRING, Extension, 5-3/8"
22	1727261SM	1	PEDAL, Brake Rubber
23	1722460SM	1	PIN, Quick
24	1727254SM	1	ROD, Brake Return, 12-5/8"
26	1727899SM	1	ROD, Cruise Latch, 2.83"
27	2159181SM	1	SPRING, Tension, Clutch
28	1727897SM	1	LATCH, Cruise Powdered Metal
29	1728976SM	1	BOLT, Shoulder, 5/16-18 G5
37	1721675SM	1	PAD, Foot Pedal Forward

Footnotes

The above parts group applies to the following Mfg. Nos.:

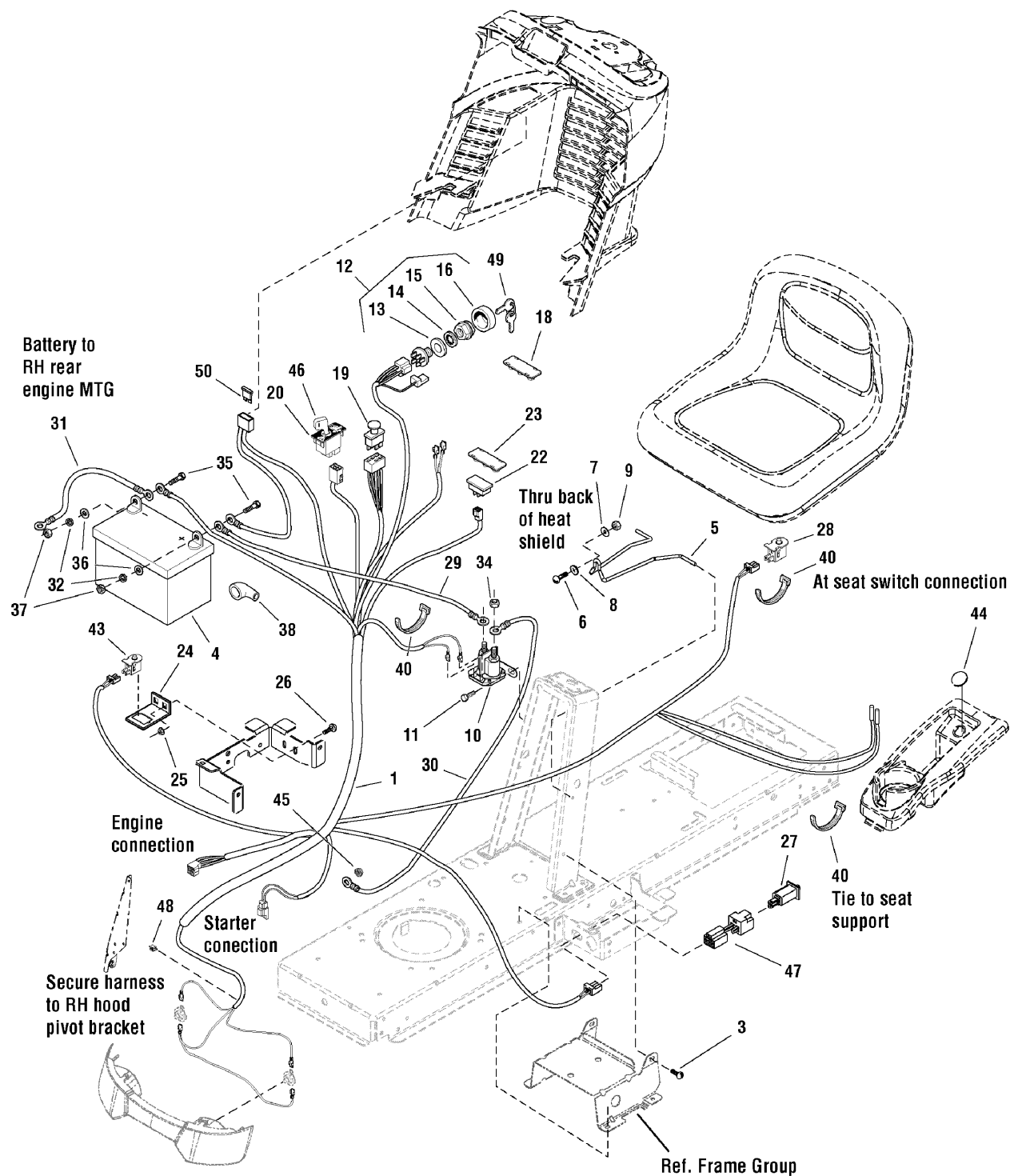
2690842 - EMT175460

2690843 - EMT20460

Electrical Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2988699



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Electrical Group

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, 12 Volt 6 Cell 340CCA
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	1737853YP	1	SWITCH ASSEMBLY, Ignition
13	2101025SM	1	WASHER, 5/8
14	1960547SM	1	LOCKWASHER, Internal Tooth
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
22	1716951SM	1	SWITCH, Headlight
23	1722611SM	1	PLUG, Hole
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, Push Button (NO / NC)
28	7023354YP	1	SWITCH, Push Button (NC)
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
40	1701011SM	3	TIE, Self Locking
43	1732004SM	1	SWITCH, Push Button (NO)
44	1732007SM	1	PLUG, Hole
45	1960294SM	1	NUT, Hex Flange Whiz Lock Small, 1/4-20
46	1726557SM	2	KEY, No Mow
47	1734025SM	1	WIRES & CONNECTORS ASMY-JUMPER 3.0LG
48	2172434SM	1	CLIP, Wire
50	1731957SM	1	FUSE, Wiring Harness
49	1737837YP	1	KEYS, Ignition

Footnotes

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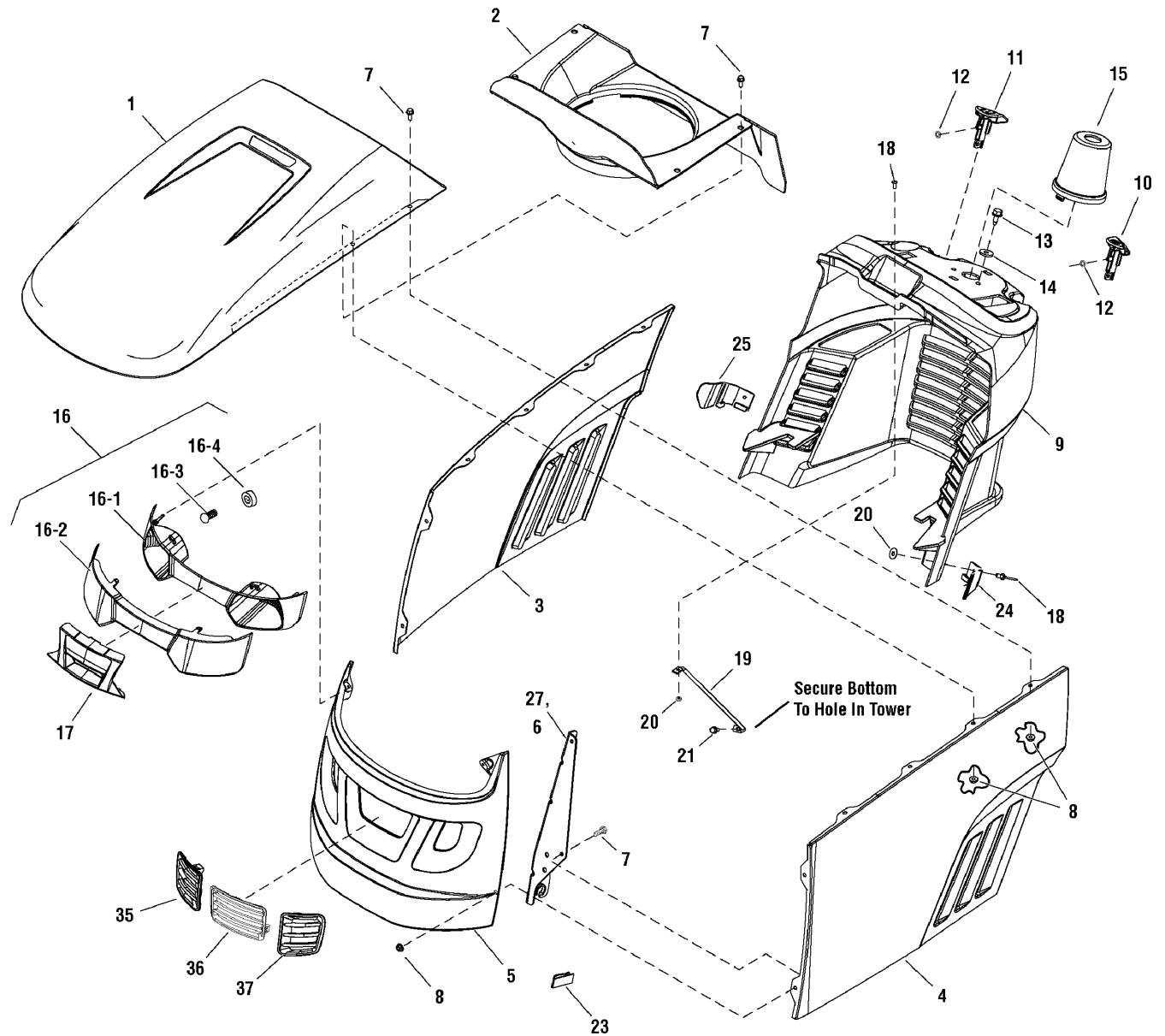
2690842 - EMT175460

2690843 - EMT20460

Hood, Grille & Dash Group

2988697

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Hood, Grille & Dash Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1728031BIYP	1	HOOD, With Scoop
2	7102326YP	1	AIR DUCT, Plenum
3	1727294BIYP	1	PANEL, Side, R.H.
4	1727295BIYP	1	PANEL, Side, L.H.
5	1738914BIYP	1	GRILLE
6	1727279SM	1	HINGE, Hood, L.H.
7	1960295SM	12	CAPSCREW, Hex Flange Whiz Lock, 1/4-20 x 5/8
8	1930641SM	12	NUT, Hex Flange Whiz Lock Large, 1/4-20
9	1739105YP	1	CONSOLE
10	1728089SM	1	KNOB, Brake Lock, Red
11	1728090SM	1	KNOB, Cruise Lock, Green
12	1960518SM	2	PUSHNUT, 1/4
13	1664847SM	2	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
14	1919381SM	2	WASHER, 5/16
15	1739106YP	1	COVER
16	1727296SM	1	HEADLIGHT ASSEMBLY
16-1	1728973SM	1	REFLECTOR
16-2	1728974SM	1	LENS, Headlight
16-3	1677371SM	2	BULB, 1141-12V 21CP
16-4	1723451SM	2	SOCKET
17	1728975SM	1	INSERT, Lightbar
18	1960392SM	3	SCREW, Pan Head Phillips, #10-24 x 1/2
19	1723123SM	1	ROD, 10"
20	1933896SM	3	NUT, Nylock, 10-24
21	1925003SM	1	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2
23	028X83MA	6	S-CLIP
24	1732030SM	1	GUIDE, Hood, L.H.
25	1732031SM	1	GUIDE, Hood, R.H.
27	1727280SM	1	HINGE, Hood, R.H.
35	1741764MA	1	GRILLE, R.H.
36	1741762MA	1	GRILLE, Center
37	1741763MA	1	GRILLE, L.H.

Footnotes

The above parts group applies to the following Mfg. Nos.:

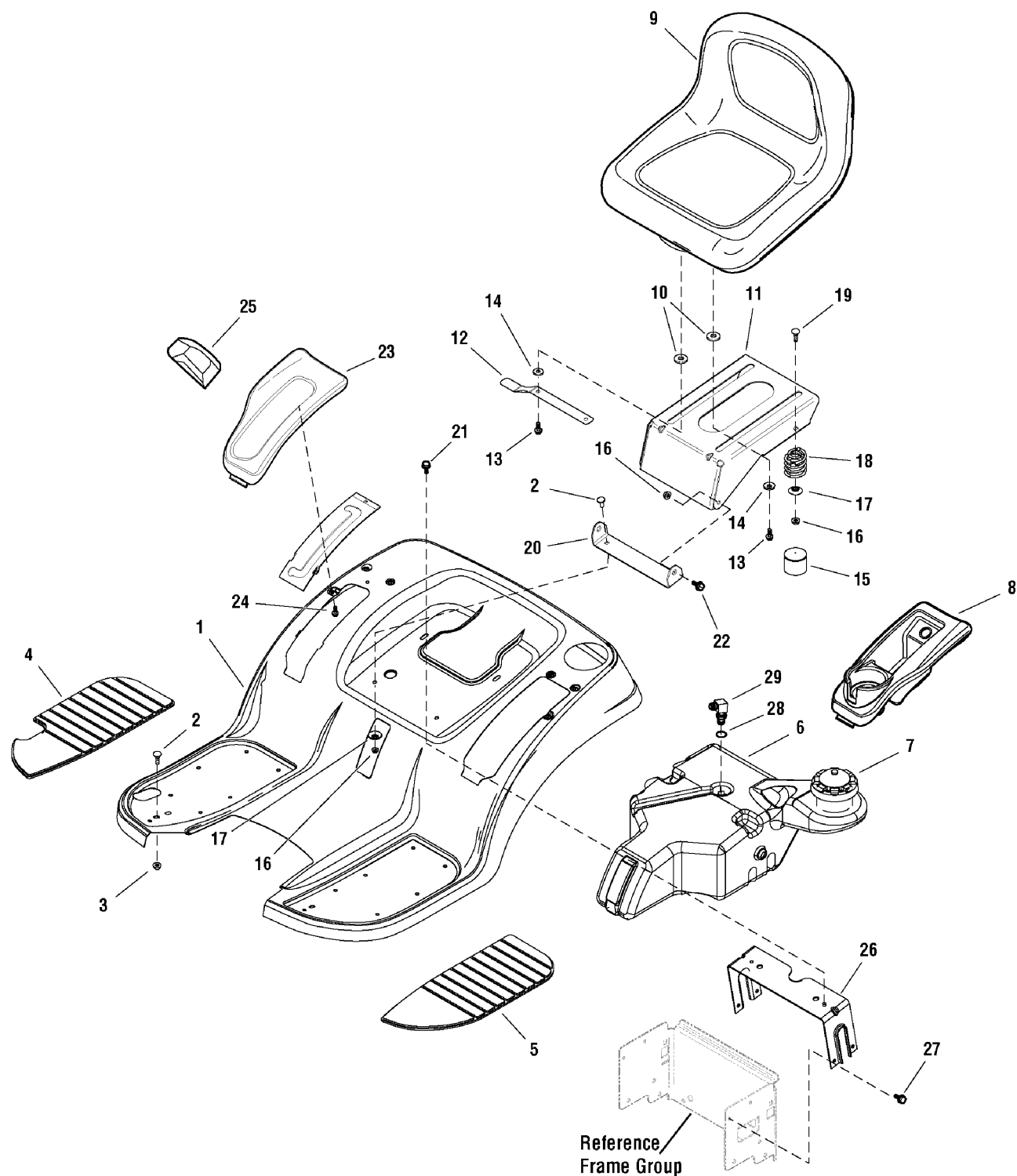
2690842 - EMT175460

2690843 - EMT20460

Seat Deck & Fuel Tank

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2988698



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Seat Deck & Fuel Tank

REF NO	PART NO.	QTY.	DESCRIPTION
1	1727264BIYP	1	DECK, Seat
2	1931333SM	4	BOLT, Carriage, 5/16-18 x 3/4 G5
3	1931277SM	4	NUT, Hex Flange Whiz Lock Small, 5/16-18
4	1739014YP	1	PAD, Footrest, R.H.
5	1739013YP	1	PAD, Footrest, L.H.
6	1738932YP	1	TANK, Fuel
7	5101651SM	1	CAP, Gas
8	1739536YP	1	POD, L.H.
9	1730159SM	1	SEAT, Hi Back
10	1731300SM	4	SPACER, 5/16 ID x 1-1/4 OD x 5/16
11	1727265SM	1	SUPPORT, Seat
12	1727268SM	1	LATCH, Seat
13	1960667SM	4	CAPSCREW, Hex Flange Whiz Lock, 5/16-18 x 1
14	1919381SM	4	WASHER, 5/16
15	1704724SM	2	COVER, Spring
16	1960686SM	4	NUT, Hex Flange, ESNA, 5/16-18
17	1709256SM	4	WASHER, Spring
18	1704728SM	2	SPRING, Compression
19	1960282SM	2	BOLT, Carriage, 5/16-18 x 3/4 G5
20	1727266SM	1	PIVOT, Seat
21	1930601SM	6	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
22	1729576SM	2	BOLT, Shoulder, 5/16-18 x 1-1/8 G5
23	1739538YP	1	POD, R.H.
24	1960536SM	6	SCREW, Hex Washer Head, Plastite, 1/4 x 1/2
25	1739056YP	1	GRIP
26	1731310SM	1	SUPPORT, Seat Deck
27	1930601SM	2	CAPSCREW, Taptite, 5/16-18 x 5/8
28	1654930SM	1	BUSHING
29	1674231SM	1	ELBOW FITTING

Footnotes

The above parts group applies to the following Mfg. Nos.:

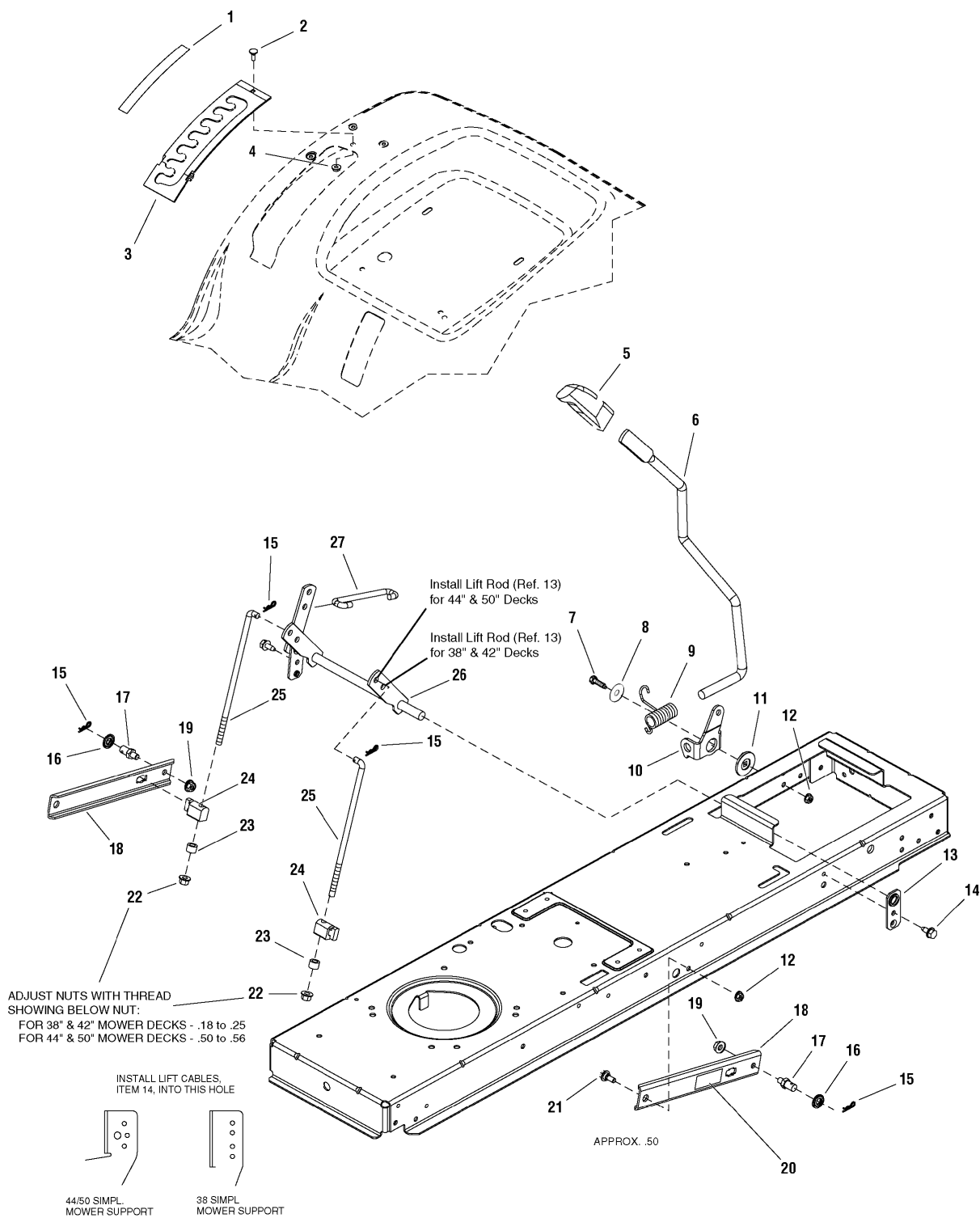
2690842 - EMT175460

2690843 - EMT20460

Lift Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2987068



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Lift Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1730264SM	1	DECAL, Height Of Cut
2	1960252SM	1	BOLT, Carriage, 1/4-20 x 5/8 G5
3	1727985SM	1	QUADRANT, Lift Height
4	1930641SM	1	NUT, Hex Flange Whiz, 1/4-20
5	1739056YP	1	GRIP
6	1728070SM	1	ROD, Lift Handle, 17.7"
7	1921333SM	1	CAPSCREW, Hex Head, 5/16-18 x 1
8	1960044SM	1	WASHER, Plain, 21/64 x 1-1/4
9	1729652SM	1	SPRING, Torsion, 2.12 Inch
10	1728990ASM	1	CLEVIS, Lift
11	1727935SM	1	SPACER, Pivot, 5/16 ID, 1-3/4 OD
12	1931277SM	3	NUT, Hex, Flange Whizlock, 5/16-18
13	1727911ASM	1	PLATE, Bearing
14	1930601SM	2	SCREW, Taptite, 5/16-18 x 5/8
15	1960074SM	4	CLIP, Spring
16	1960170SM	2	WASHER, 1/2
17	094067MA	2	PIN, Threaded Shoulder
18	1731417SM	2	ARM, Rear Lift
19	1931211SM	2	NUT, Hex, Flange Lock, 3/8-16
20	1732070SM	2	DECAL, CAUTION! Pinch Point
21	1732426SM	2	BOLT, Shoulder
22	1960687SM	2	NUT, Hex Flange, 3/8-16 ESNA
23	1666294SM	2	SPACER
24	1731894SM	2	TRUNNION
25	1727955SM	2	ROD, Lower Life, 10.00 LG
26	1727951ASM	1	SHAFT ASSEMBLY, Lift
27	1727954SM	1	ROD, Lift, 5.43 LG

Footnotes

The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

This exploded view diagram illustrates the assembly of the front wheels. The components are numbered as follows:

- 3: Tire
- 4: Rim
- 5: Hub
- 6: Nut
- 8: Washer
- 9: Hub
- 10: Hub
- 11: Nut
- 12: Washer
- 13: Washer
- 14: Washer
- 15: Washer



Wheel & Tires Group

REF NO	PART NO.	QTY.	DESCRIPTION
3	1731951SM	1	TIRE, Kenda, Turf Rider, 15 x 6.00 - 6
4	1664090SM	2	TUBE, Tire, Front
5	1726301SM	1	WHEEL & BUSHINGS ASMY REGENT FRONT
6	2172353SM	4	VALVE STEM & CAP
7	2860202SM	2	WASHER, 3/4
8	2812808SM	1	FITTING, Lube
9	1742259YP	2	BEARING, 3/4
10	1729708SM	2	WHEEL& TIRE ASSEMBLY, Front
11	7101563YP	2	WHEEL & TIRE ASSEMBLY, Rear, 20X10.0-8
12	094618MA	4	HUB CAP
13	0011X3MA	4	E-RING
14	17X195MA	4	WASHER, Flat
15	17X160MA	4	WASHER, Flat, 3/4 x 1-1/4
16	1730181SM	2	SPACER, 3/4 ID x 1-1/4 OD x 1-5/8
17	021553MA	2	KEY, Square, 3/16
18	7101562YP	1	TIRE, Rear, K358 20X10-8 2PLY
19	2164247SM	2	TUBE, Tire, Rear

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Footnotes

The above parts group applies to the following Mfg. Nos.:

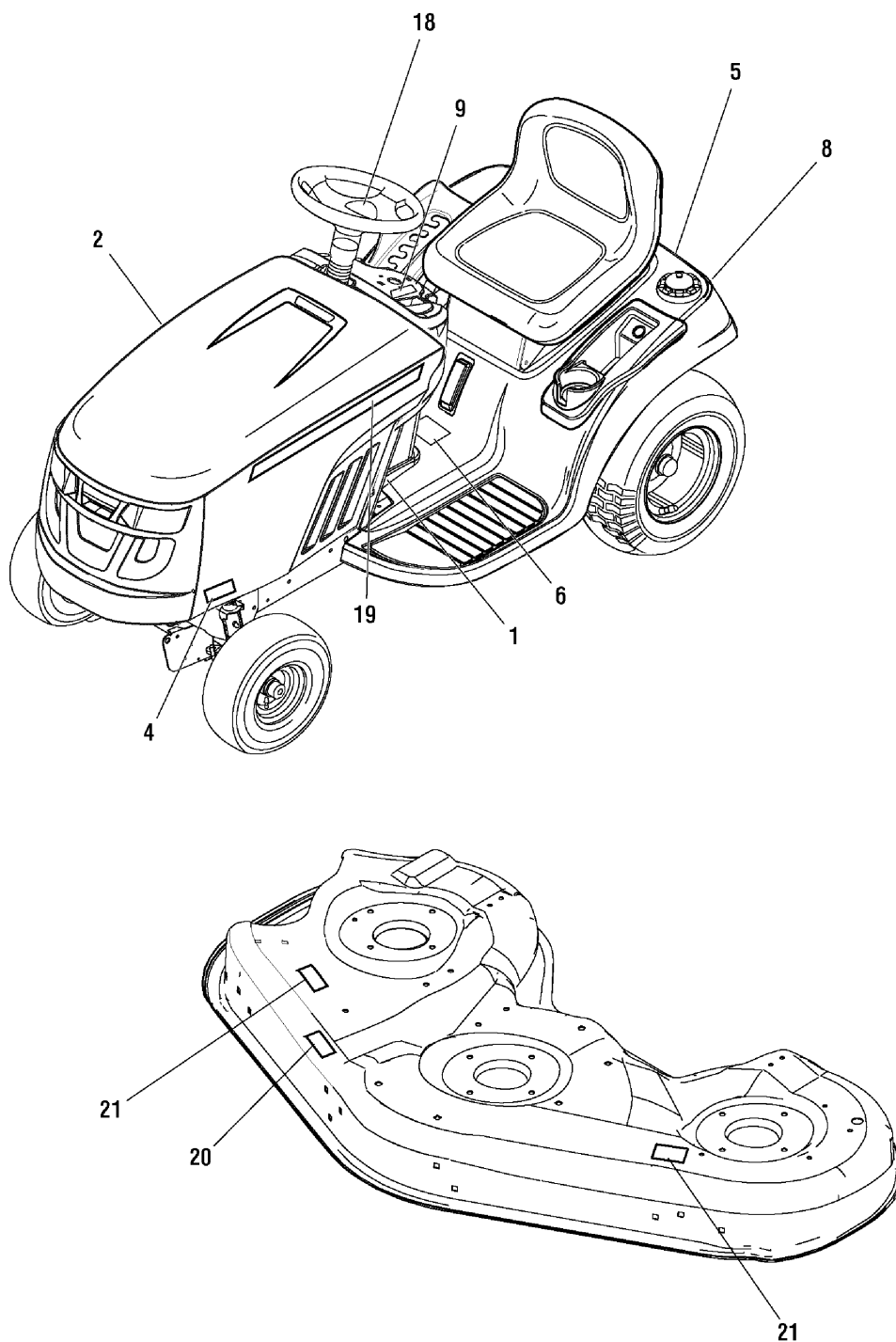
2690842 - EMT175460

2690843 - EMT20460

Decal Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

D2988700



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

Decal Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	7102777YP	1	DECAL, 17.5HP
1	1739089YP	1	DECAL, 20HP
2	1739087YP	1	DECAL, Murray
4	1739086YP	1	DECAL, EMT125
5	7102205YP	1	DECAL, Murray, Rear
6	1734027SM	1	DECAL, Tunnel Cover Warnings
8	1730202SM	1	DECAL, Transmission Tow / Release Lever
9	1722806SM	1	DECAL, Ignition Switch Symbols
18	1737167YP	1	DECAL, Steering Wheel
19	1739088YP	1	DECAL, Murray
20	1720389SM	2	DECAL, Danger Rotation Blade Symbols
21	7102782YP	1	DECAL, Deck Width

Not for
Reproduction

Footnotes

The above parts group applies to the following Mfg. Nos.:

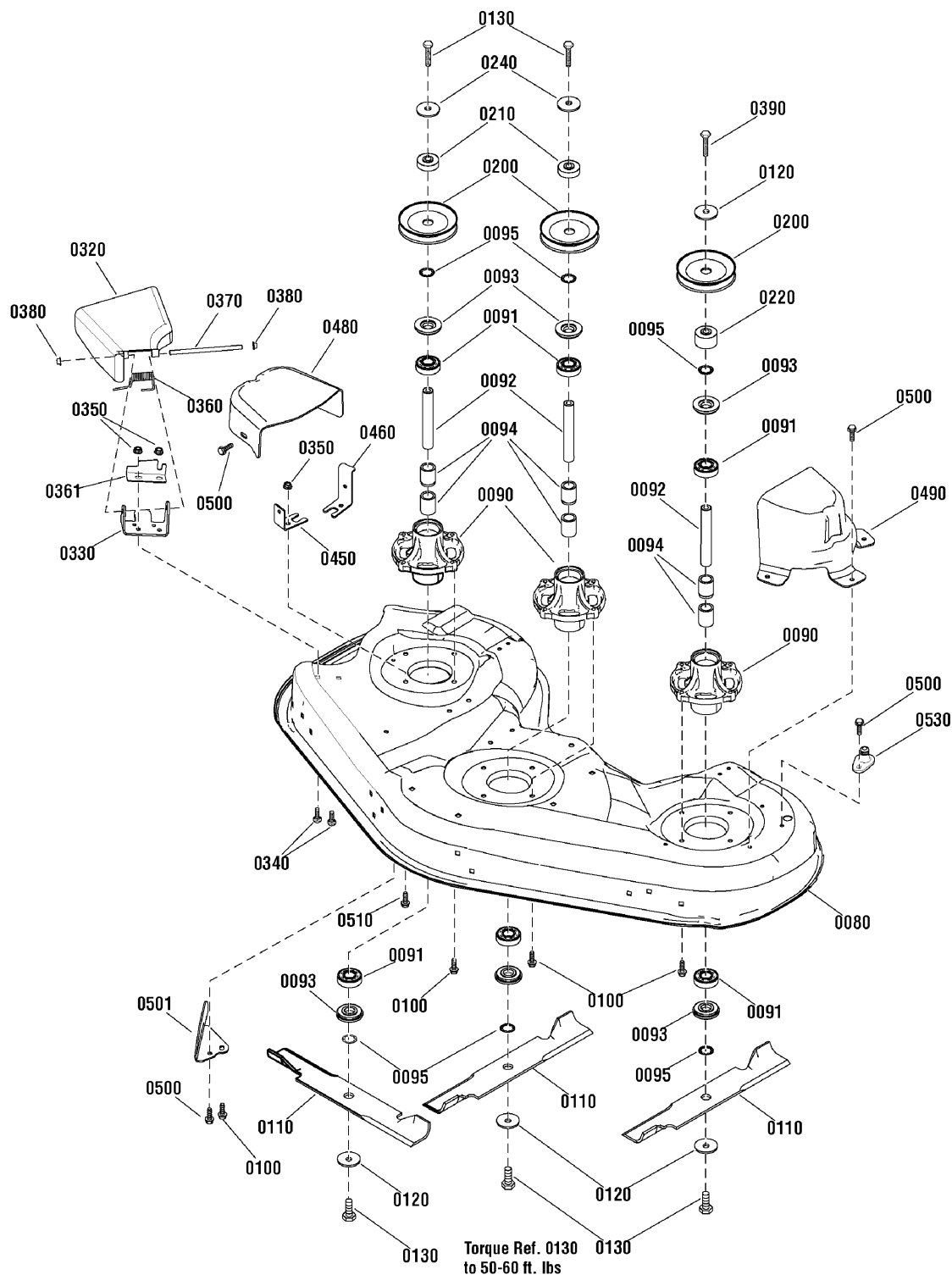
2690842 - EMT175460

2690843 - EMT20460

46" Mower Deck - Housing, Arbors & Blade

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2988701



The above parts group applies to the following Mfg. Nos.:

1695809 - 46" Mower
2690842 - EMT175460
2690843 - EMT20460

46" Mower Deck - Housing, Arbors & Blade

REF NO	PART NO.	QTY.	DESCRIPTION
0080	1735734BIYP	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
0130	1920676SM	5	CAPSCREW, Hex Head, 7/16-14 x 1 G5
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	1735750YP	1	COVER, Belt, L.H.
0490	1735752YP	1	COVER, Belt, R.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

Footnotes

The above parts group applies to the following Mfg. Nos.:

1695809 - 46" Mower

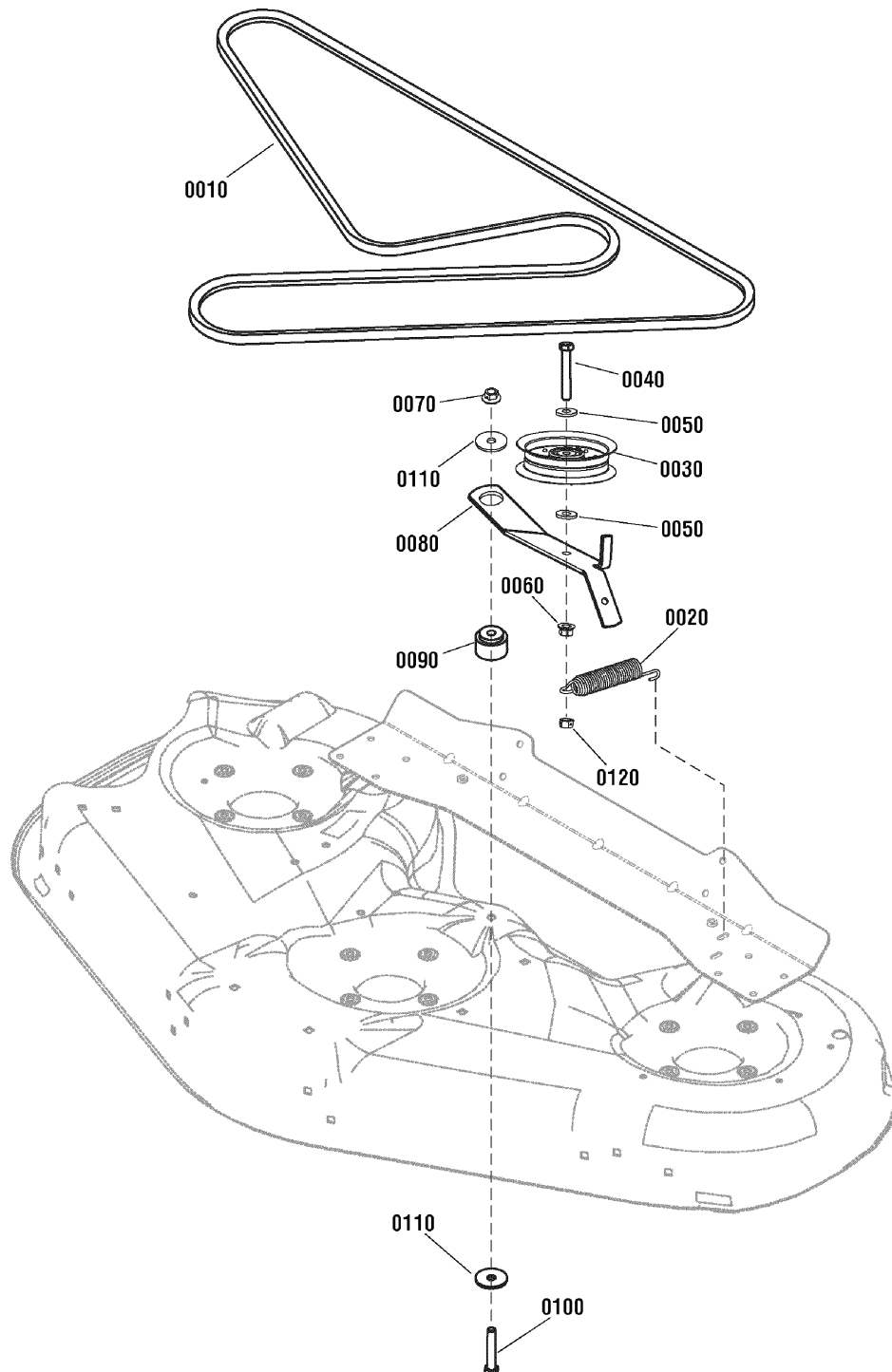
2690842 - EMT175460

2690843 - EMT20460

46" Mower Deck - Clutch Group

2988702

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1695809 - 46" Mower

2690842 - EMT175460

2690843 - EMT20460

46" Mower Deck - Clutch Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1732956SM	1	V-BELT, HA, A-Wedge, 118"
0020	1715772SM	1	SPRING, Extension
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 Small, 3/8-16
0070	1960339SM	1	NUT, Hex Flange, MAC Lock Large, 3/8-16
0080	1736551AYP	1	ARM, Idler
0090	1729007SM	1	SPACER, 3/8 OD 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, 3/8-16 GR5

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Reproduction

Footnotes

The above parts group applies to the following Mfg. Nos.:

1695809 - 46" Mower

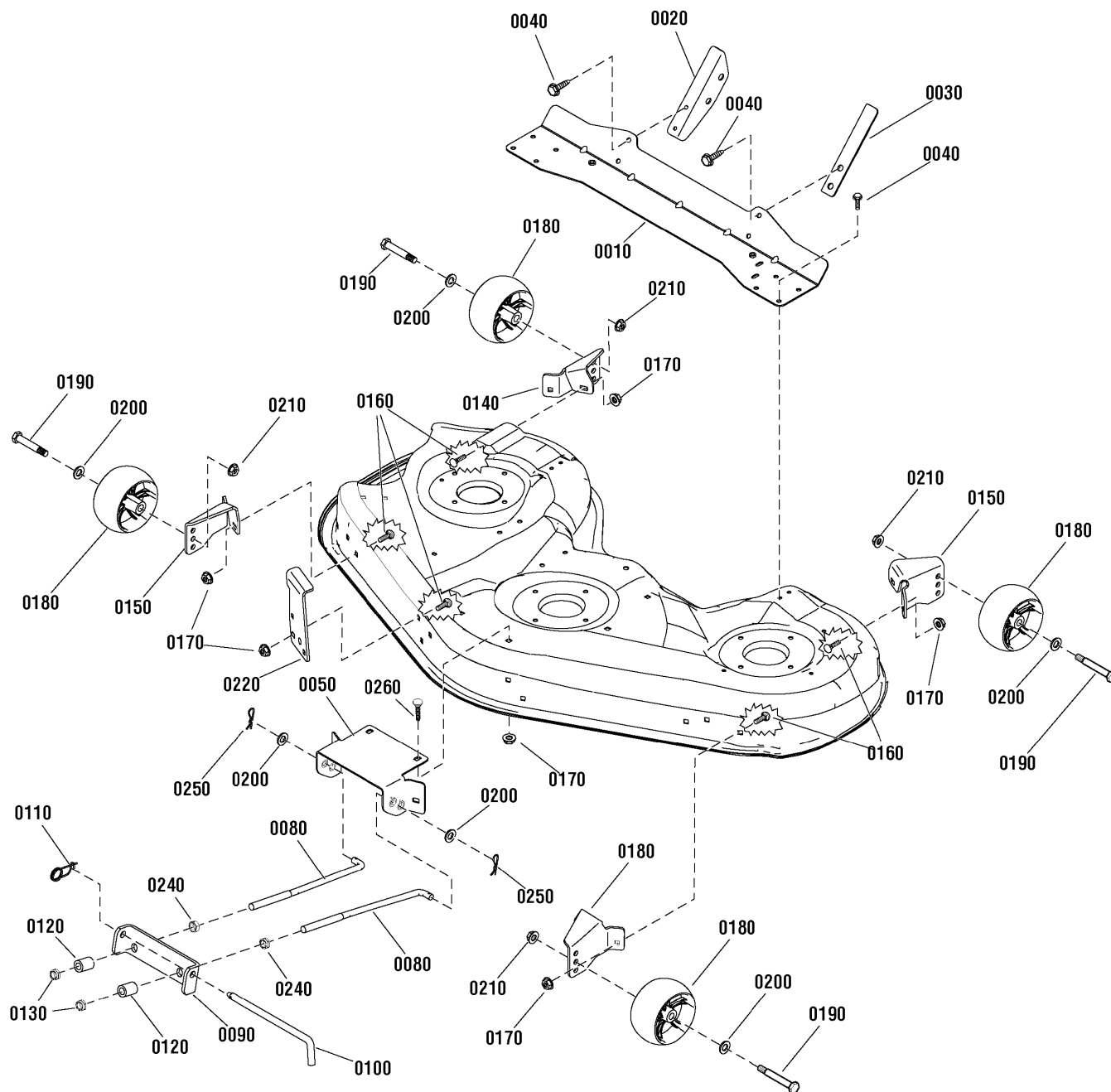
2690842 - EMT175460

2690843 - EMT20460

46" Mower Deck - Support Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2988072



The above parts group applies to the following Mfg. Nos.:

1695809 - 46" Mower
2690842 - EMT175460
2690843 - EMT20460

46" Mower Deck - Support Group

REF NO	PART NO.	QTY.	DESCRIPTION
0010	1736070AYP	1	SUPPORT, Rear Cross
0020	1736072AYP	1	BRACKET, Rear Mower Pickup, R.H.
0030	1736073AYP	1	BRACKET, Rear Mower Pickup, L.H.
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 ID x 7/8OD x 1-1/8
0130	1960379SM	2	NUT, Hex Lock, ESNA Light, 1/2-13
0140	1736074AYP	2	BRACKET, R.H.
0150	1736075AYP	2	BRACKET, L.H.
0160	1931334SM	11	BOLT, Carriage, 5/16-18 x 7/8 G5
0170	1931277SM	13	NUT, Hex Flange Whiz Lock Small, 5/16-18
0180	1736896YP	4	WHEEL, Gauge
0190	1736539YP	4	BOLT, Shoulder, 3/8-16 x 3-7/16
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
0260	1931333SM	2	BOLT, Carriage, 5/16-18 x 3/4 G5

Footnotes

The above parts group applies to the following Mfg. Nos.:

1695809 - 46" Mower

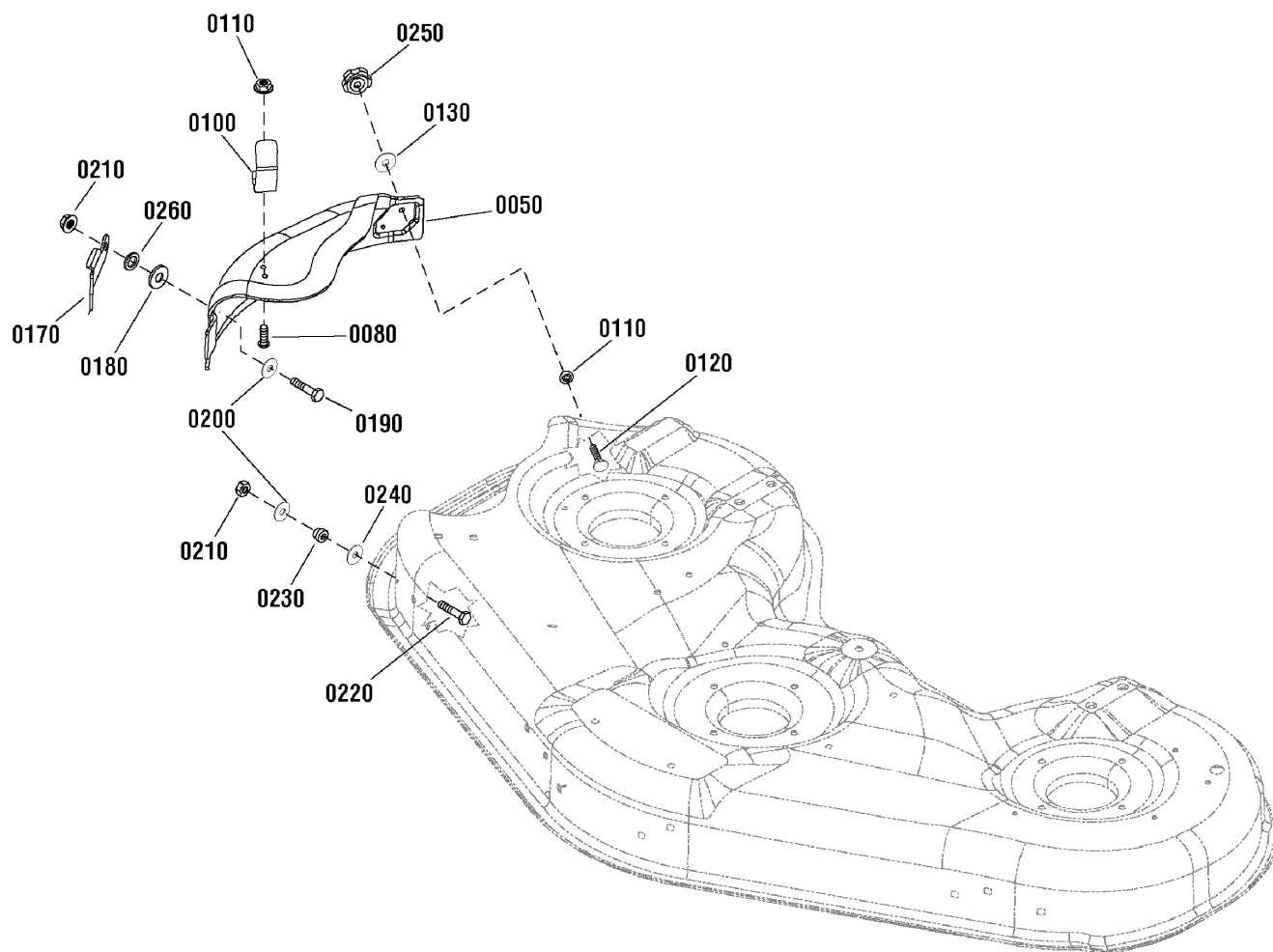
2690842 - EMT175460

2690843 - EMT20460

46" Mower Deck - Mulching Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

2988876



The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

46" Mower Deck - Mulching Group

REF NO	PART NO.	QTY.	DESCRIPTION
0050	1734777YP	1	COVER, Mulching
0080	1960252SM	2	BOLT, Carriage, 1/4-20 x 5/8 G5
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	1921333SM	1	CAPSCREW, Hex Head, 5/16-18 x 1 G5
0200	1960044SM	2	WASHER, 5/16
0210	1960686SM	2	NUT, Hex Flange, ESNA, 5/16-18
0220	1960223SM	1	BOLT, Carriage, 5/16-18 x 1-1/4 G5
0230	1723244SM	1	SPACER, Hydraulic Lift Pivot
0240	1919384SM	1	WASHER, 3/8
0250	1738295YP	1	KNOB, ESNA, 1/4-20
0260	7026257MA	1	WASHER, Wave

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Footnotes

The above parts group applies to the following Mfg. Nos.:

2690842 - EMT175460

2690843 - EMT20460

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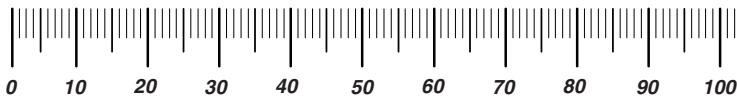
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Hardware Identification & Torque Specifications

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

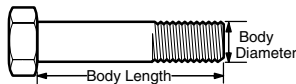
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

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

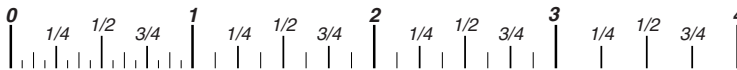
Nut, 1/2-16



Screw, M8- 1.25 x 25

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

Carriage Bolt



Lockwasher



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—22 mm

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