



Parts Manual

Mfg. No: 2690771

Axion, 24HP Zero Turn Rider w/50" Mower
(CE/Export)

1695287 - Catcher, Clean Sweep Twin, 42".....

1695295 - Headlight Kit.

Not For
Reproduction

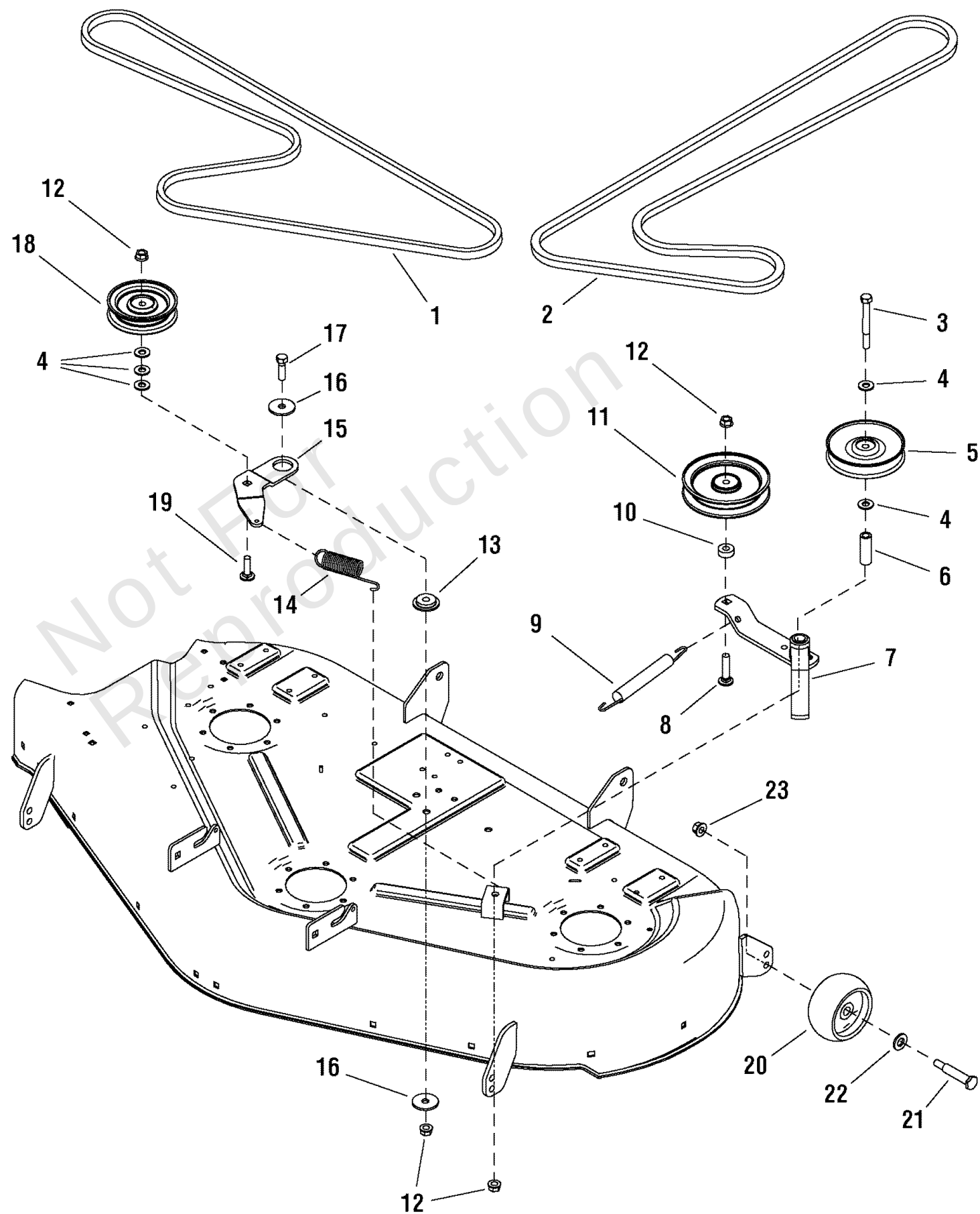
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Not For
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50" Mower Deck - Clutch & Support Group

Note: Unless noted otherwise, use the standard torque specifications

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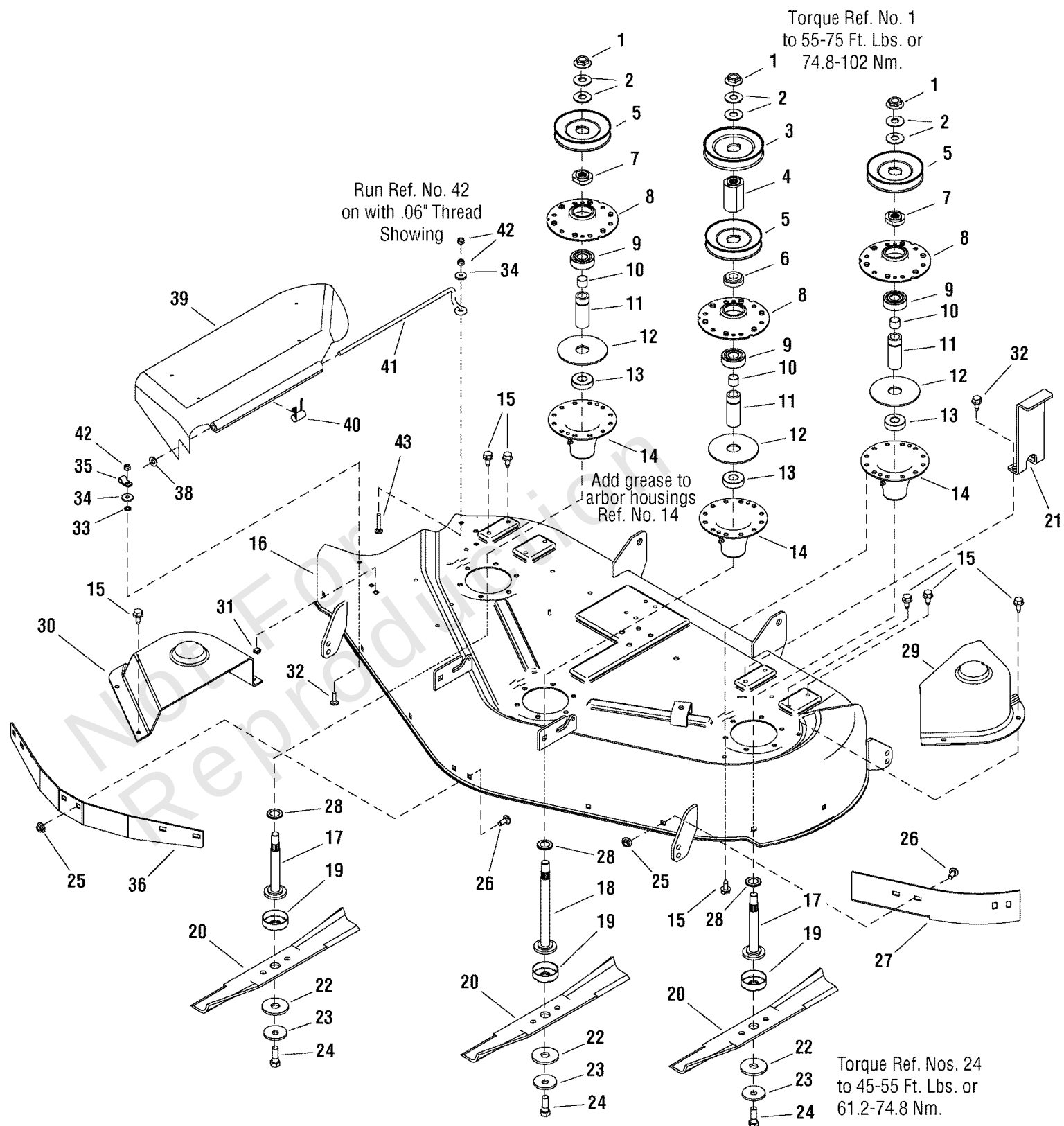
50" Mower Deck - Clutch & Support Group

REF NO	PART NO	QTY	DESCRIPTION
1	1727869SM	1	V-BELT, Arbor Drive, 83.1 Kevlar -(Used on 44" Models)
1	1732204SM	1	V-BELT, Arbor Drive, 91.1 Kevlar -(Used on 50" Models)
2	1734130SM	1	V-BELT, P.T.O. Drive, 70.1 A-Wedge -(Used on 44" Models)
2	1734131SM	1	V-BELT, P.T.O. Drive, 73.24 A-Wedge -(Used on 50" Models)
3	1922918SM	1	CAPSCREW, Hex Head, 3/8-16 x 3-1/4, G5
4	1924940SM	5	WASHER, Flat, 3/8
5	2101096SM	1	PULLEY, 4-1/2 OD 3/8 ID .63 Groove
6	1657242SM	1	SPACER
7	1726814SM	1	ARM ASSEMBLY, Idler with Bushings
8	1931353SM	1	CARRIAGE BOLT, 3/8-16 x 1-3/4, G5
9	1714062SM	1	SPRING, Extension
10	1667811SM	1	SPACER
11	2171247SM	1	PULLEY, Idler Flat
12	1960339SM	4	NUT, Hex Flange Lock, 3/8-16
13	1714255SM	1	SPACER, Idler Powdered Metal
14	1656936SM	1	SPRING, Extension
15	1733465ASM	1	ARM, Idler
16	1924356SM	2	WASHER, Flat, 3/8
17	1920415SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, G5
18	1724387SM	1	PULLEY, Idler
19	1931337SM	1	CARRIAGE BOLT, 3/8-16 x 1-1/4, G5
20	1714760SM	4	GAUGE WHEEL
21	2108765SM	4	BOLT-WHEEL 3/8-16X2.7
22	1960170SM	4	WASHER, Flat, 1/2
23	1960687SM	4	NUT, Hex Flange, 3/8-16 ESNA

50" Mower Deck - Housing & Arbor Group

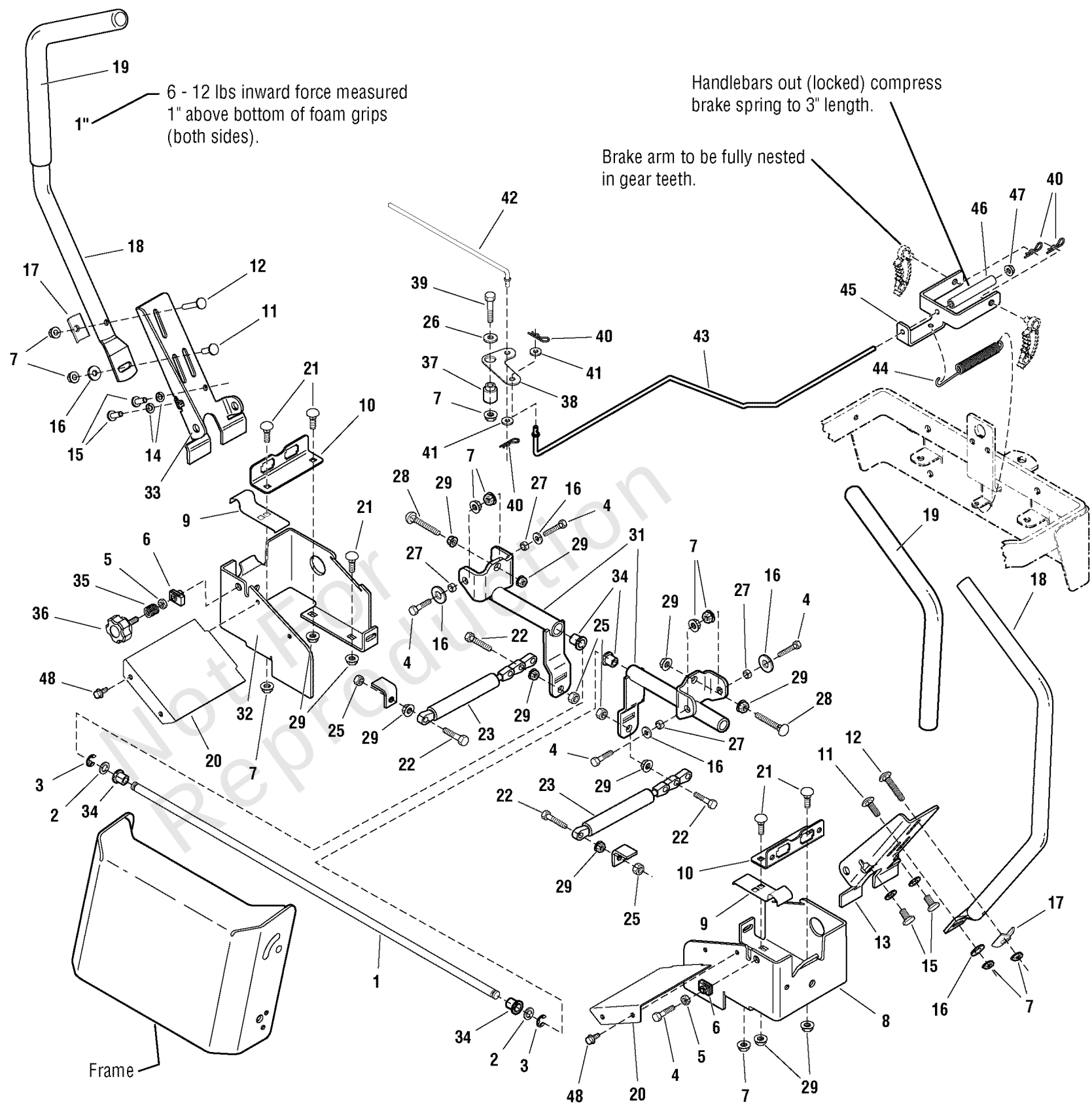
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690771



50" Mower Deck - Housing & Arbor Group

REF NO	PART NO	QTY	DESCRIPTION
1	1714419SM	3	NUT, Hex Flange, 9/16-18
2	1713675SM	6	WASHER, Bellville .56ID x 1.34 OD x .05T
3	1732951SM	1	PULLEY-04.60 OD 1.000
4	1713158SM	1	HUB, Spacer
5	1713098SM	3	PULLEY, .49" Shallow-Groove OD 4.25"
6	1713533SM	1	HUB
7	1713197SM	2	HUB
8	1655729ASM	3	HOUSING-ARBOR TOP - B
9	7013313SM	3	BEARING
10	1715724SM	3	SPACER, Bearing Sleeve
11	1732544SM	3	SPACER, Powdered Metal
12	1707335SM	3	GASKET, Foam
13	1705897SM	3	BEARING, BALL 11/16X1
14	1713338ASM	3	HOUSING, Arbor Bottom with Lube Fitting
15	1664847SM	31	SCREW, Hex Washer Head Taptite, 5/16-18 x 3/4
16	1687323SM	1	HOUSING ASSEMBLY, 50" Deck
17	1713195SM	2	SHAFT, Arbor Short
18	1713612SM	1	SHAFT, Arbor Long
19	1713196SM	3	SHIELD, Grass
20	1726357SM	1	BLADE, Mower, 50" Deck
21	1733308ASM	1	UPSTOP
22	1713089SM	3	WASHER, Hex, 11/16 x 2
23	1656916SM	3	WASHER, SPRING 0.475I
24	2823471SM	3	CAPSCREW, Hex Head, 7/16-14 x 1-1/4, G8
25	1927557SM	6	NUT, Hex Whiz Lock Flange, 5/16-18
26	1931333SM	6	CARRIAGE BOLT, 5/16-18 x 3/4, G5
27	1724538ASM	1	BAFFLE, Blowout, Short
28	1713619SM	3	WASHER, Cup
29	1729666SM	1	COVER, Arbor
30	1715673SM	1	COVER, Arbor
31	1705115SM	1	PLUG, Hole
32	1931318SM	1	CARRIAGE BOLT, 1/4-20 x 7/8, G5
33	1960518SM	2	NUT, Push On
34	1960353SM	4	WASHER, 1/4
35	1704873SM	1	CLAMP, WIRE, .312DIA
36	1734181ASM	1	BAFFLE, Front
38	1919326SM	1	WASHER, 5/16
39	1705449SM	1	DEFLECTOR, Discharge
40	7101082SM	1	SPRING, Torsion Chute
41	1706709SM	1	ROD-.283DIA 11.65LG D
42	1920397SM	3	NUT, Hex Lock ESNA, 1/4-20
43	1960633SM	1	CARRIAGE BOLT, 1/4-20 x 1-1/2, G5



Controls Group

REF NO	PART NO	QTY	DESCRIPTION
1	1725927SM	1	SHAFT, Cross
2	1960027SM	2	WASHER, 1/2
3	1703805SM	2	RING, Klipring Extension
4	1921977SM	5	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
5	1920161SM	6	NUT-HEX JAM 5/16-18
6	1960717SM	2	NUT, Speed, 5/16-1
7	1960686SM	15	NUT, Hex Flange, 5/16-18 ESNA
8	1728009ASM	1	BRACKET, L.H. Mounting Handle Pivot
9	1727919SM	2	CLIP, Brake
10	1727663ASM	2	BRACKET, "L" Switch
11	1931335SM	2	BOLT, Carriage, Short Neck, 5/16-18 x 1
12	1931338SM	2	BOLT, Carriage, 5/16-18 x 1-3/4, G5
13	1727926ASM	1	BRACKET, Tube Mount L.H.
14	1917356SM	4	LOCKWASHER, Spring, 5/16
15	1960086SM	4	SCREW, TRUSS HD TORX
16	1919381SM	6	WASHER, 5/16
17	1720452SM	2	CLAMP, Saddle Snow Handle, E-Coat
18	1727796ASM	2	TUBE, Handle
19	1726410SM	2	GRIP, Foam Handle
20	1727933ASM	2	COVER, Lower Handle
21	1931335SM	6	BOLT, Carriage, Short Neck, 5/16-18 x 1
22	1921221SM	4	CAPSCREW, Hex Head, 5/16-18 x 1-1/2, G5
23	1727918SM	2	SHOCK ABSORBER
25	1919438SM	4	NUT, Hex Lock ESNA Light, 5/16-18NC-3B
26	1919326SM	1	WASHER, 5/16
27	1666697SM	4	SPACER
28	1960723SM	2	BOLT, Carriage, 5/16-18 x 2-1/4, G5
29	1931277SM	8	NUT, Hex Flange Whiz Lock, 5/16-18
31	1727603ASM	2	PIVOT ASSEMBLY, Control
32	1728010ASM	1	BRACKET, R.H. Mounting Handle Pivot
33	1727927ASM	1	BRACKET, Tube Mount R.H.
34	1715025SM	4	BUSHING
35	1701342SM	1	SPRING, Compression -(Early Models)
36	1726839SM	1	KNOB, Extension Thread, 5/16-18 x 1-1/4
37	1666106SM	1	BUSHING, Powdered Metal
38	1727667SM	1	BRACKET, Pivot
39	1922127SM	1	SCREW, Hex Head Cap, 5/16-18 x 1 3/4
40	1722460SM	4	PIN, Quick
41	1921319SM	2	WASHER, 1/4
42	1727669SM	1	ROD, Pivot
43	1733357SM	1	ROD, 1/4-20 x 2
44	1709314SM	1	SPRING, Extension
45	1727814ASM	1	BRACKET, Duel Brake
46	1729277SM	1	SPRING, Compression
47	1960694SM	1	NUT, Hex Flange, 1/4-20 ESNA
48	1925003SM	2	SCREW, Hex Washer Head Taptite, 1/4-20 x 1/2

Diagram of the tractor showing various components and their locations. Callouts include: 7 (Front Bumper), 8 (Operator's Footrest), 9 (Operator's Seat), 10 (Operator's Control Panel), 11 (Right Ground Speed Lever), 12 (Left Ground Speed Lever), 13 (Front Wheel), 14 (Mower Deck), 15 (Mower Blade), 16 (Mower Blade Guard), 17 (Mower Blade Mounting), 18 (Mower Blade Mounting), 19 (Mower Blade Mounting), 20 (Mower Blade Mounting), 21 (Mower Blade Mounting), 22 (Mower Blade Mounting).

OPERATION manual cover showing various icons and text.

To Start the Engine manual page showing various icons and text.

Safety manual page with DANGER and WARNING labels.

Right Ground Speed Lever diagram showing Forward, Neutral, and Reverse positions.

Left Ground Speed Lever diagram showing Forward, Neutral, and Reverse positions.

Tracking Adjustment diagram showing the adjustment lever.

Mower Blade & Blades	
42" Mower	Drive Belt - 1726000
	Mower Blade - 1751808
50" Mower	Drive Belt - 1726204
	Mower Blade - 1751808
	Touch-Up Paint - 1754131
	13 Oz. Spray Can
	Red - 1686772
	Black - 1687182
	Orange - 1754131

Cutting Height diagram showing the adjustment lever and the height scale from 1 to 4.

CAUTION label: Cutting hazard. Rotating fan blades can cut fingers and hands. Avoid contact with the transmission cooling fans located under the frame above the transmission release levers.

DO NOT REMOVE FOAM AROUND ENGINE label.

42" Mower diagram showing the mower deck and its components.

50" Mower diagram showing the mower deck and its components.

DANGER labels: Amputation and Thrown Objects Hazard, Amputation Hazard.

42" and 50" mower blade diagrams showing the blade profiles.

TRANSMISSION RELEASE label: PULL ROD BACK TO PUSH TRACTOR.

Mower blade guard diagram showing the guard and its components.

Mower blade guard diagram showing the guard and its components.

Simplicity logo.

Axion 20 hp and Axion 24 hp logos.

Decals Group

REF NO	PART NO	QTY	DESCRIPTION
1	1704277SM	1	DECAL, Danger Do Not Operate without Deflector
2	1704276SM	1	DECAL-DANGER DO NOT P
3	1731924SM	1	DECAL, 42" 2006 Silver/Black
4	-----	1	DECAL, OPEI Certified ANSI B71.12003 Gold
5	1720543SM	2	DECAL, Transmission Release Instructions
6	1722551SM	2	DECAL, Simplicity Logo
7	1734236SM	1	DECAL, Operator Instructions Front
8	1734207SM	1	DECAL, Operator Instructions Bottom
9	1726638SM	1	DECAL, Tracking Adjustment
10	1734342SM	1	DECAL, Model Axion, 20HP
11	1733458SM	1	DECAL, Height of Cut w/out Best Cut
12	1734138SM	1	DECAL, Belt & Blade
13	1734270SM	1	DECAL, Handle Control L.H.
14	1734338SM	1	DECAL, Seat Deck L.H. Simplicity
15	1734339SM	1	DECAL, Seat Deck R.H. Simplicity
16	1734271SM	1	DECAL, Handle Control R.H.
17	1726631SM	1	DECAL, Do Not Remove Foam Around Engine
18	1734272SM	1	DECAL, Instrument Panel
19	1734276SM	1	DECAL, Height of Cut
--	1717163SM	1	KEY-IGNITION INDAK -Set of Two (Not Shown)
--	1734233	1	LITERATURE PACK, Simplicity ZT 20/42 -(Not Shown)

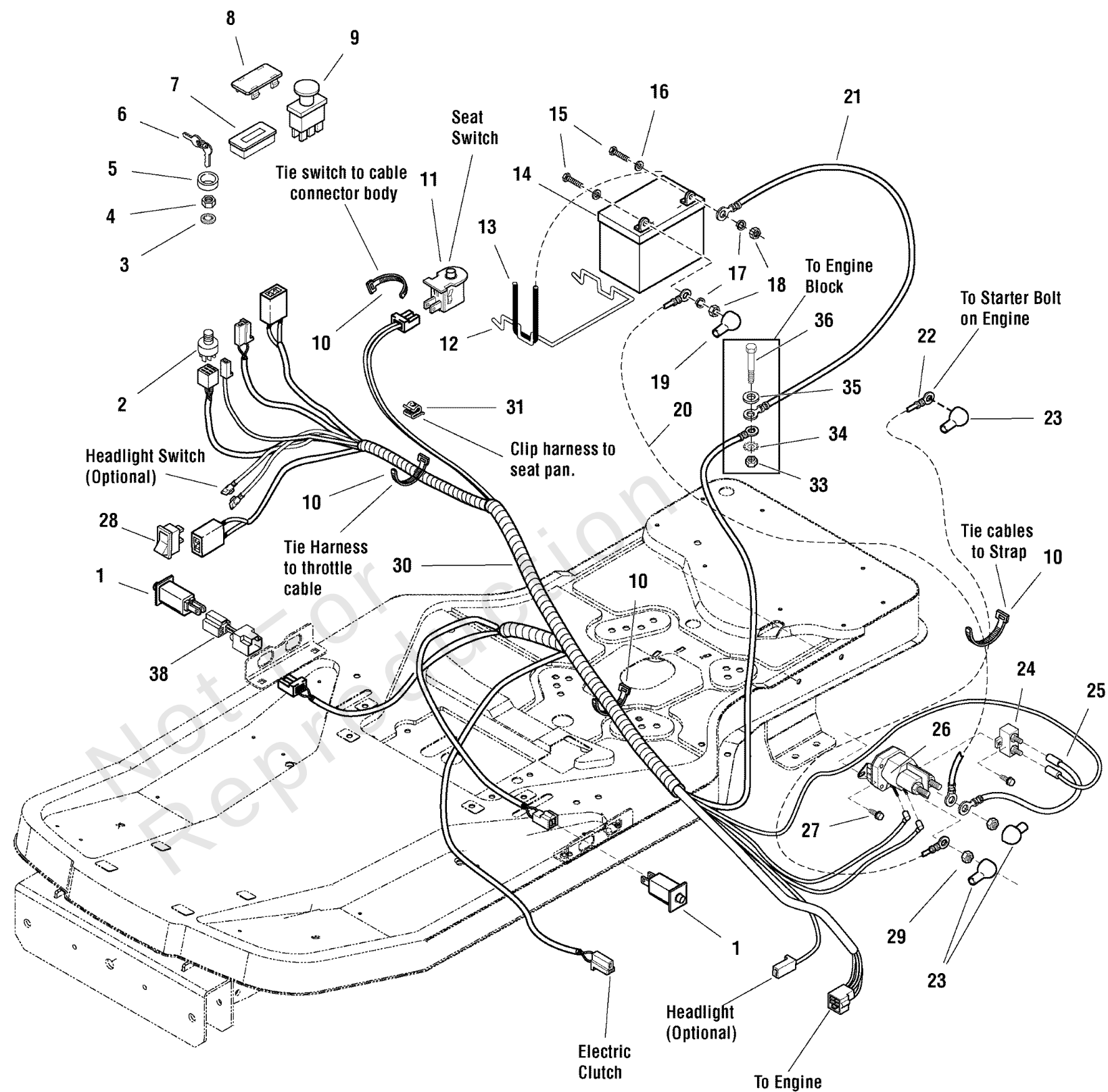
Footnotes:

Note:* Not a service part.

Electrical Group - Main Harness 1734127SM

Note: Unless noted otherwise, use the standard torque specifications

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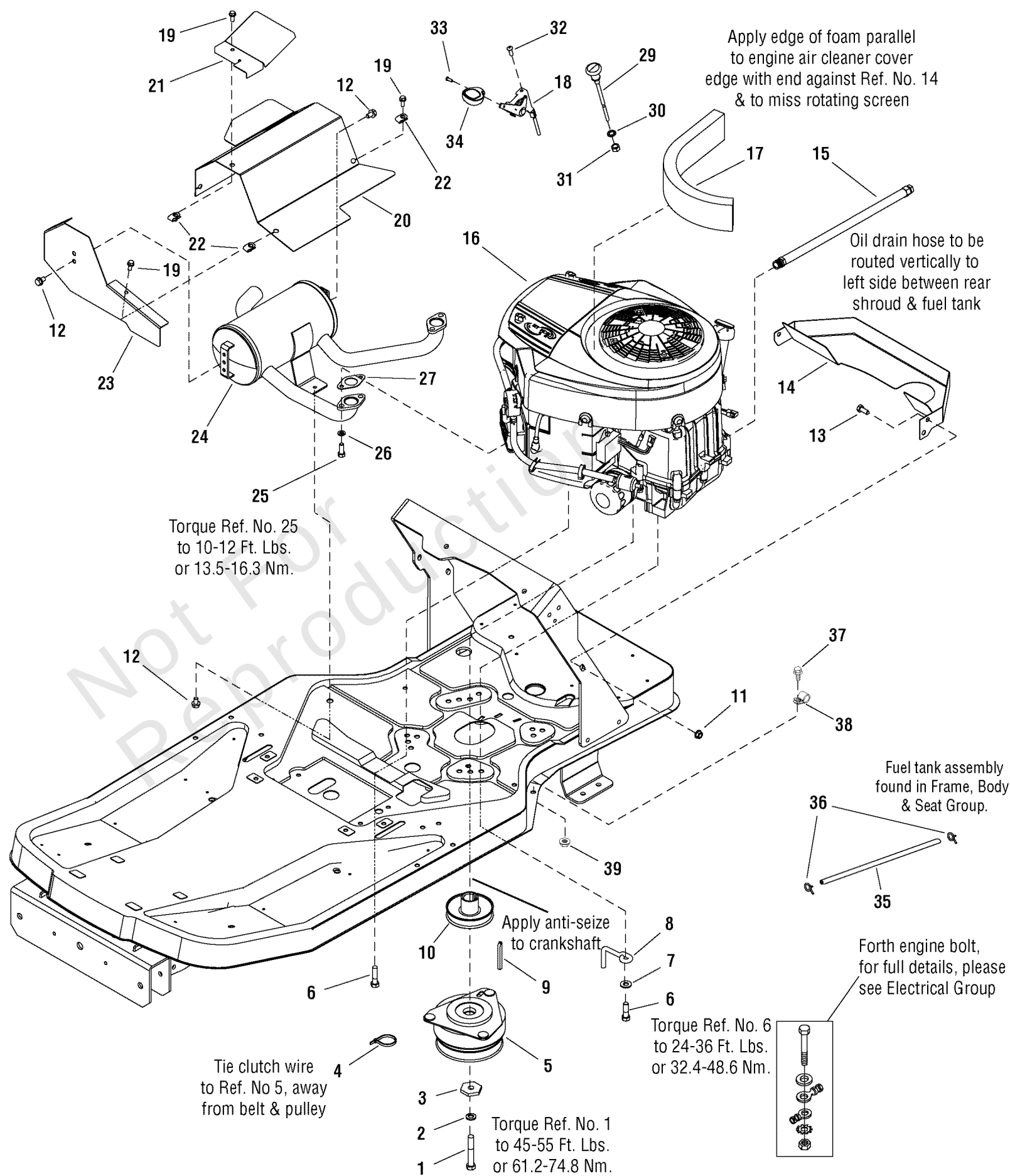
Electrical Group - Main Harness 1734127SM

REF NO	PART NO	QTY	DESCRIPTION
1	1732006SM	2	SWITCH, Push Button
2	1686734SM	1	IGNITION SWITCH -(Includes Ref. Nos. 20, 21, 26, & 37)
3	1960547SM	1	LOCKWASHER-INTERNAL
4	1717549SM	1	NUT, Hex Flange, 5/8-32 IGN SW Die Cast
5	1717550SM	1	COVER, Ignition Switch
6	1717163SM	2	KEY-IGNITION INDAK -(Set of Two)
7	1731185SM	1	METER-HOUR DIGITAL NO
8	1722611SM	1	PLUG-HOLE BLACK
9	1722887SM	1	SWITCH-PTO PUSH
10	2825094SM	4	TIE, Self Locking, .184 WD 7.31 LG
11	1732005SM	1	SWITCH, Push Button
12	1667805SM	1	BRACE, Battery, .19 DIA Wire
13	1665872SM	1	STRAP, Black Rubber, .19 SQ 7.88 OD Battery
14	7100449SM	1	BATTERY, 12 Volt 6 Cell 230 CCA
15	2823341SM	2	CAPSCREW, Hex Head, 1/4-20 x 3/4, G5
16	2821319SM	2	WASHER, 1/4, .27 ID x .62 OD x .05 THK
17	2816964SM	2	LOCKWASHER, Spring, 1/4
18	2816622SM	2	NUT, Hex, 1/4-20 NC-2B
19	1677296SM	1	BOOT,INSULATOR BATTER
20	1716549SM	1	CABLE, # 6 x 10 LG, Red Two-Ring Terminals
21	1713163SM	1	CABLE, # 6 X 26 LG, Two-Ring Terminals
22	1727668SM	1	CABLE, # 6 x 15 LG, Two-Ring Terminals
23	1724588SM	3	COVER, Terminal Red PVC
24	1665238SM	1	BREAKER-CIRCUIT
25	1665237SM	1	WIRE, 12 Gauge, 7.9 LG
26	7075622SM	1	SOLENOID, Two Terminals, Trombetta
27	1925003SM	2	SCREW, Hex Washer Head Taptite, 1/4-20 x 1/2
28	1734141SM	1	SWITCH, Electric Height of Cut
29	2860750SM	2	NUT-HEX KEPS 5/16-24
30	1734127SM	1	HARNESS, Wiring
31	2172434SM	1	CLIP- WIRE DIA .390
33	1931277SM	1	NUT, Hex Whiz Lock Flange, 5/16-18
34	2820427SM	1	LOCKWASHER, External Tooth, 3/8
35	1919326SM	1	WASHER, 5/16
36	1921978SM	1	CAPSCREW, Hex Head, 5/16-18 x 2, G5
38	1734025SM	1	WIRING ASSEMBLY, Jumper All Conditions Shutdown -(Export Models)

Engine Group - 24HP Briggs & Stratton

Note: Unless noted otherwise, use the standard torque specifications

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Engine Group - 24HP Briggs & Stratton

REF NO	PART NO	QTY	DESCRIPTION
1	1960648SM	1	CAPSCREW, Hex Head, 7/16-20 x 2-3/4, G5
2	1918199SM	1	LOCKWASHER, Spring
3	1708264SM	1	WASHER, HEX, 0.453ID
4	2832747SM	1	TIE, Self-Locking, 3.62"
5	1717664SM	1	CLUTCH, Electric Ogura
6	2828635SM	3	SCREW-HEX WSHR HD TAP
7	1924940SM	1	WASHER, 3/8
8	1734049SM	1	RETAINER, Clutch
9	1720463SM	1	KEY, Hi-Pro, 1/4 x 2-1/2
10	1727816SM	1	PULLEY ASSEMBLY, Engine
11	1931277SM	2	NUT, Hex Whiz Lock Flange, 5/16-18
12	1924856SM	4	SCREW, Hex Washer Head Taptite, 5/16-18 x 1/2
13	1921332SM	2	CAPSCREW, Hex Head, 5/16-18 x 3/4, G5
14	1733414ASM	1	AIR DUCT, Inlet
15	1726498SM	1	HOSE-OIL DRAIN .375ID
16	44M777-0113-E1	1	*ENGINE, 24HP Briggs & Stratton -(Engine Model: 44M777-0113-E1)
17	1734169SM	1	SEAL, Foam Air Inlet
18	1734332SM	1	THROTTLE ASSEMBLY
19	1960295SM	4	SCREW, Hex Whiz Lock Flange, 1/4-20 x 5/8
20	1734246ASM	1	HEAT SHIELD, Muffler Top
21	1728017SM	1	HEAT SHIELD, Throttle
22	1960368SM	4	NUT, Speed, 1/4-20
23	1727939ASM	1	HEAT SHIELD, Muffler Side
24	1734061SM	1	MUFFLER, 24HP V-Twin ELS
25	1936228SM	4	CAPSCREW, Hex Head, 5/16-18 x 3/4, G8
26	1917356SM	4	LOCKWASHER, Spring, 5/16
27	1731214SM	2	GASKET, Exhaust
28	1734273SM	1	DECAL, Hot Exhaust
29	1734333SM	1	CABLE, Choke
30	7090390SM	1	WASHER, Lock Internal Tooth, 3/8
31	7091630SM	1	NUT, Hex, 3/8
32	7090999SM	2	SCREW, Taptite Pan Head Torx, 1/4-20 x 5/8
33	7091195SM	1	SCREW, Taptite Pan Head Combo, #10-16 x 3/4
34	7100529SM	1	KNOB, Throttle
35	1718678SM	1	HOSE, Fuel, 19.5" -(See Frame, Body & Seat Group for fuel tank assembly.)
36	2860112SM	2	CLAMP, Hose

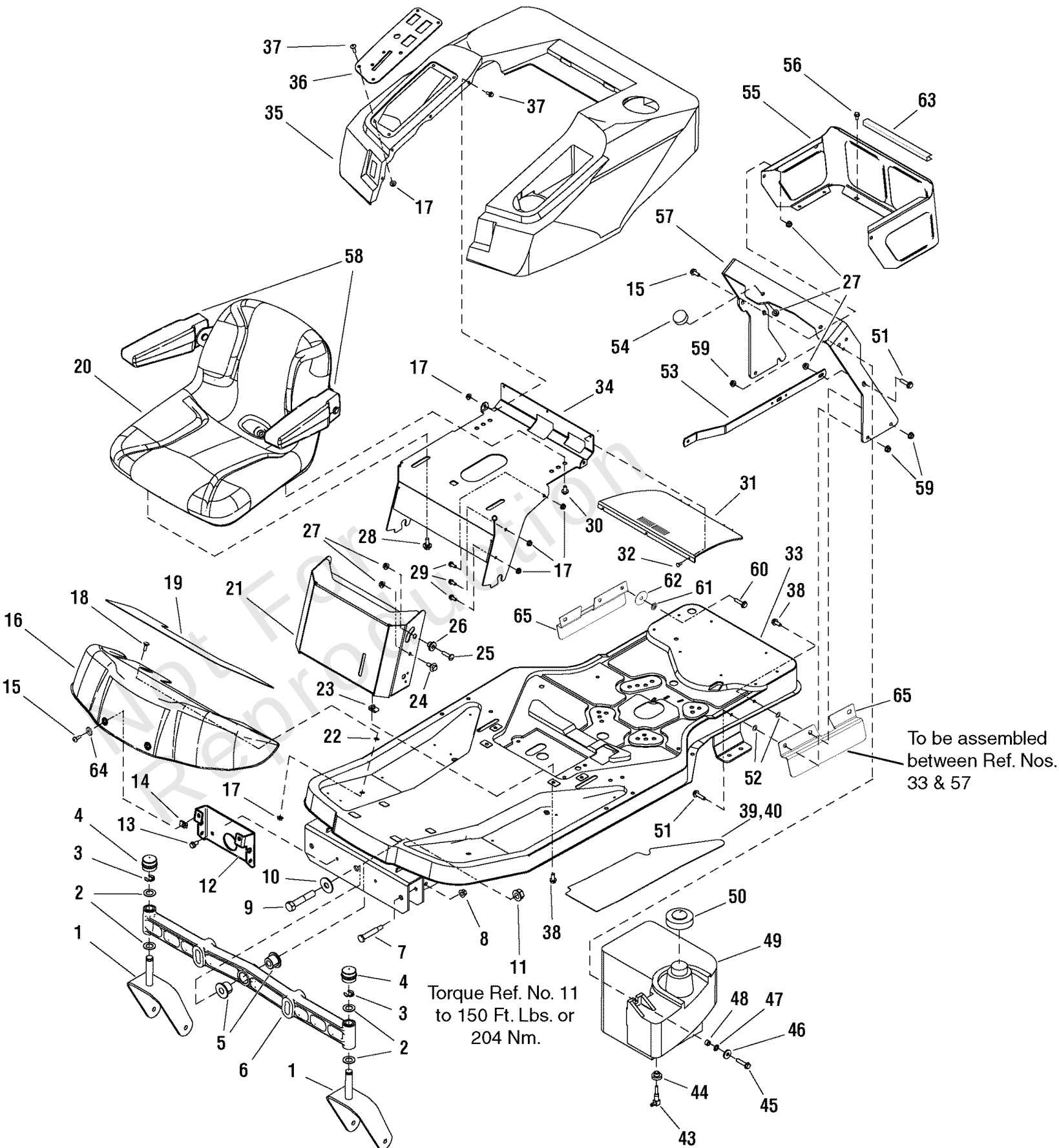
Footnotes:

Note:* See Briggs & Stratton Engine Repair Parts.

Frame, Body & Seat Group

Note: Unless noted otherwise, use the standard torque specifications

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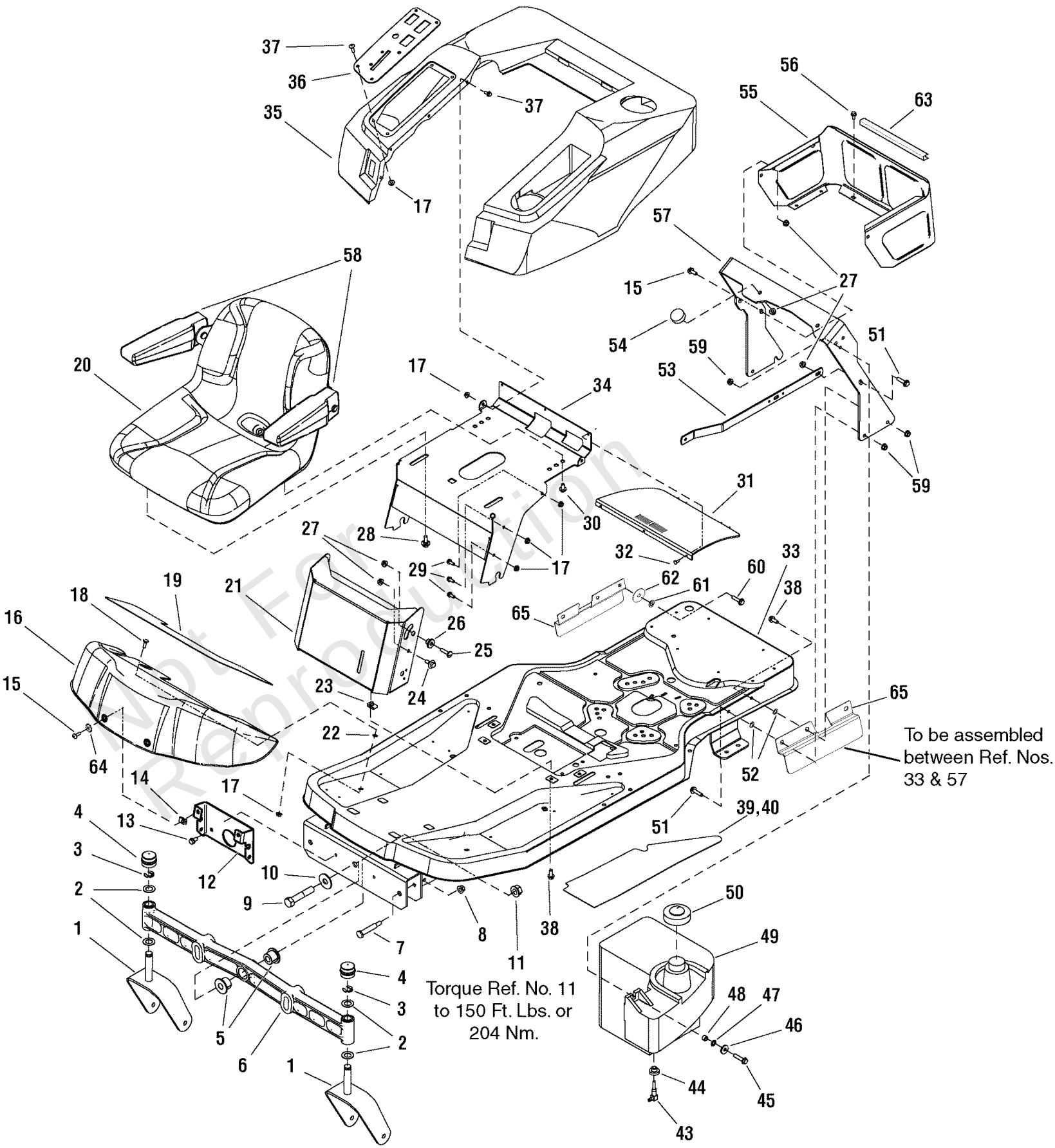
Frame, Body & Seat Group

REF NO	PART NO	QTY	DESCRIPTION
1	1733448ASM	2	CASTER ASSEMBLY
2	1960160SM	4	WASHER, 3/4 ID x 1.6 OD x .05 THK
3	1611710SM	2	RING, Klipring, 3/4
4	1734135SM	2	CAP, Hub
5	1730186SM	2	BUSHING, Axle Pivot
6	1733426ASM	1	AXLE, Casting -(Includes Ref. Nos. 1, 2, 3, 4 & 5)
7	1733571SM	2	BOLT, Shoulder, G5
8	1960687SM	3	NUT, Hex Flange, 3/8-16 ESNA
9	2860744SM	1	CAPSCREW, Hex Head, 5/8-11 x 3 1/4
10	1960035SM	1	WASHER-0.625(0.64IDX1
11	2860646SM	1	NUT, Hex Flange Two-Way Lock, 5/8-11
12	1733304ASM	1	BRACKET, Front Footrest Support
13	1930601SM	2	SCREW, Hex Head Taptite, 5/16-18 x 5/8
14	1960368SM	2	NUT, Speed Lug Type, 1/4-20
15	1960715SM	8	SCREW, Truss Head Torx, 1/4-20 x 3/4
16	1726025ZSM	1	PANEL-FOOTREST 18GA Z -(Black)
16	1726025CSM	1	FRONT FOOTREST -(Orange)
17	1960694SM	14	NUT, Hex Flange, 1/4-20 ESNA
18	1931317SM	2	BOLT, Carriage, 1/4-20 x 3/4, G5
19	1726306SM	1	PAD, Footrest Panel
20	1726018SM	1	SEAT ASSEMBLY, with Armrests
21	1733573ASM	1	PANEL, Front with Slot
21	7300752AYP	1	PANEL, Front, Manual Brake -(CE/Export)
22	1960518SM	2	NUT, Push, 1/4
23	1935255SM	4	NUT, SPEED, 5/16-18 L
24	009X67MA	2	BOLT, Shoulder
25	1960223SM	2	BOLT-RD HD SH SQ NK 5
26	1728086SM	2	PIVOT, Hood, Powdered Metal
27	1931277SM	8	NUT, Hex Flange Whiz Lock, 5/16-18
28	1716654SM	2	B

Frame, Body & Seat Group

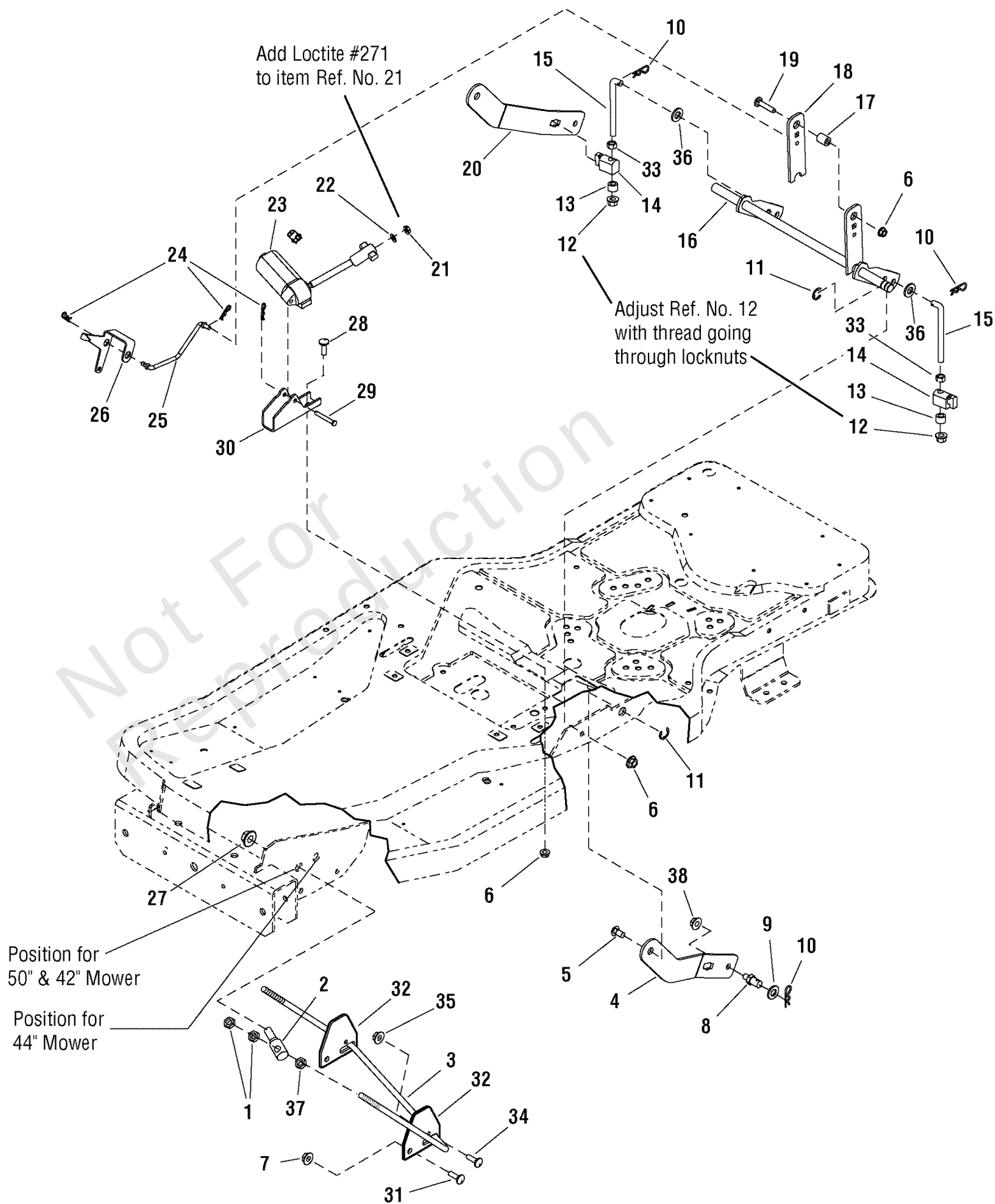
Note: Unless noted otherwise, use the standard torque specifications

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Frame, Body & Seat Group

REF NO	PART NO	QTY	DESCRIPTION
46	1919381SM	1	WASHER, 5/16, .34 ID x 1 OD x .13 THK
47	2820427SM	1	LOCKWASHER, External Tooth, 3/8
48	1710437SM	1	SPACER, .33 ID x 1/2 OD x 5/16 LG
49	1734257SM	1	TANK, Fuel
49	7102378SM	1	TANK, Fuel -(CE/Export)
50	1714020SM	1	CAP, Fuel Tank
51	1921977SM	5	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
52	1933988SM	4	NUT, Push Pal, 5/16 DIA Thread, 5/8 OD
53	1727810ASM	1	BRACE, Tank
54	1726390SM	2	BUMPER, Rubber
55	1715962ASM	1	SHROUD, Rear
56	1925003SM	6	SCREW, Hex Washer Head Taptite, 1/4-20 x 1/2
57	1733393ASM	1	SUPPORT, Seat Deck
58	1687021SM	1	ARM REST KIT, L.H. & R.H.
59	1960686SM	5	NUT, Hex Flange Nylock, 5/16-18
60	1920415SM	1	CAPSCREW, 3/8 - 16 x 1-1/4
61	1931942SM	1	NUT, Push Pal, 3/8
62	1960534SM	1	WASHER, 3/8
63	1735680SM	1	TRIM, 8"
64	1921880SM	2	LOCKWASHER-EXTERNALTO
65	1734392ASM	2	GUARD, Debris



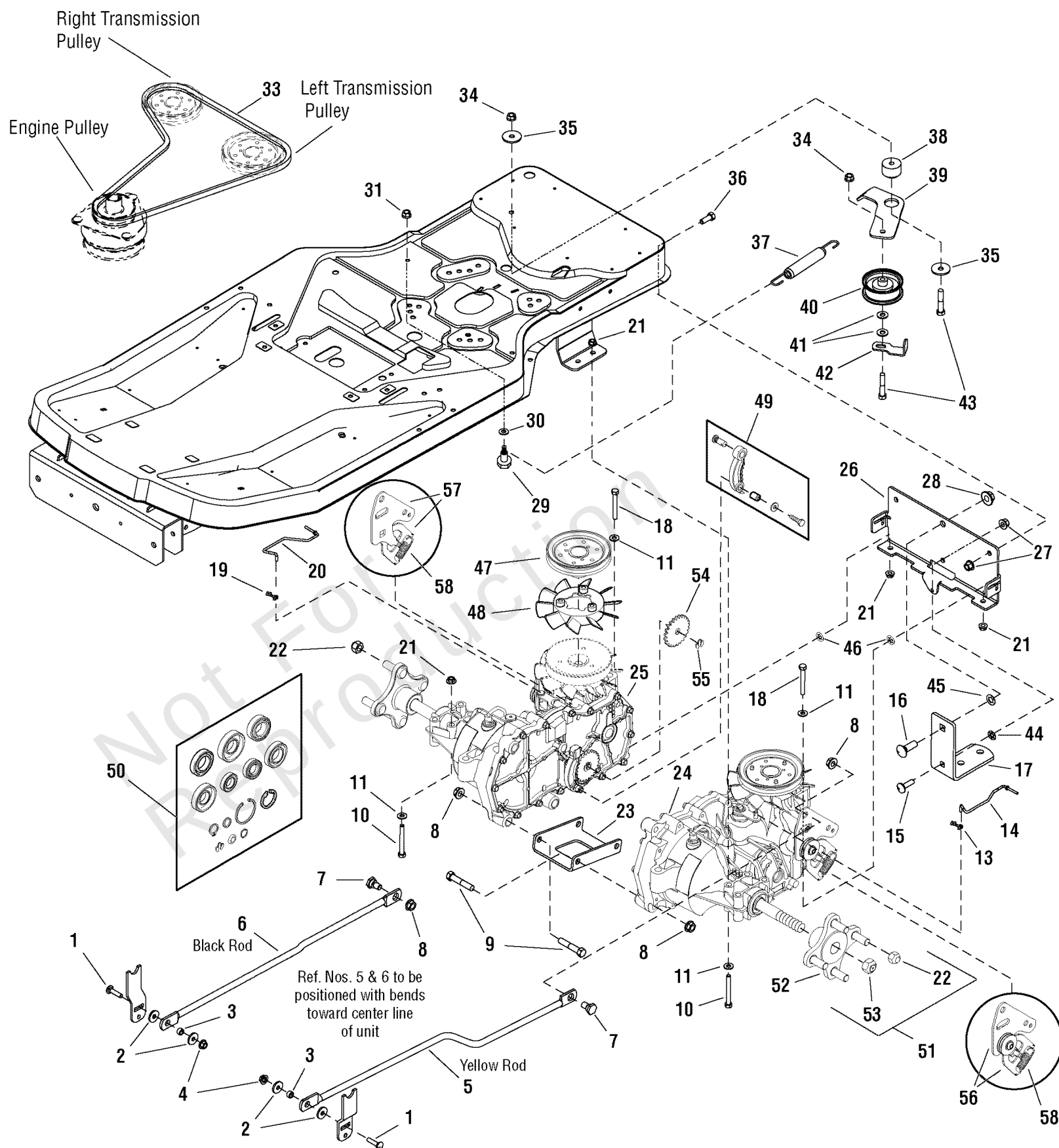
Lift Group

REF NO	PART NO	QTY	DESCRIPTION
1	1922007SM	4	NUT, Hex Jam, 7/16-14, NC-2B
2	1734042SM	2	TRUNNION
3	1733381SM	1	ROD, Bail
4	1733535ASM	1	ARM, Mower Lift L.H.
5	009X67MA	2	BOLT, Shoulder
6	1931277SM	5	NUT, Hex Whiz Lock Flange, 5/16-18
7	1931211SM	4	NUT, Hex Whiz Lock Flange, 3/8-16 -(Used on 44" & 50" Models only)
8	094067MA	2	PIN, Threaded Shoulder
9	1960170SM	2	WASHER, 1/2"
10	1960074SM	4	CLIP, HAIR PIN .093DI
11	1704420SM	2	RING, Klipring, 5/8"
12	1960687SM	2	NUT, Hex Flange, 3/8-16 ESNA
13	1666294SM	2	SPACER
14	1731894SM	2	TRUNNION
15	1734217SM	2	ROD, Mower Lift 3/8-16 x 1 LG Thread
16	1733356ASM	1	LIFT SHAFT ASSEMBLY
17	1673796SM	1	SPACER, Powdered Metal
18	1734336ASM	1	ARM, Lift Trunnion
19	1931337SM	1	BOLT, Carriage, 5/16-18 x 1-1/2, G5
20	1733536ASM	1	ARM, Mower Lift R.H.
21	1960757SM	1	NUT, Hex, 1/4-20 L.H. Thread
22	1921319SM	1	WASHER, 1/4"
23	1733513SM	1	MOTOR, Mini Actuator
24	1722460SM	3	PIN, Quick
25	1733572SM	1	ROD, Height of Cut Indicator
26	1733454SM	1	INDICATOR, Height of Cut
27	1930644SM	2	NUT-HEX FLANGE 1/2-1
28	1931335SM	1	BOLT, Carriage, Short Neck, 5/16-18 x 1
29	1668344SM	1	PIN, Shear
30	1733533ASM	1	BRACKET, Electric Motor Mount
31	1960711SM	2	BOLT, Carriage, 3/8-16 x 3/4, G5 -(Used on

Transmission Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690771



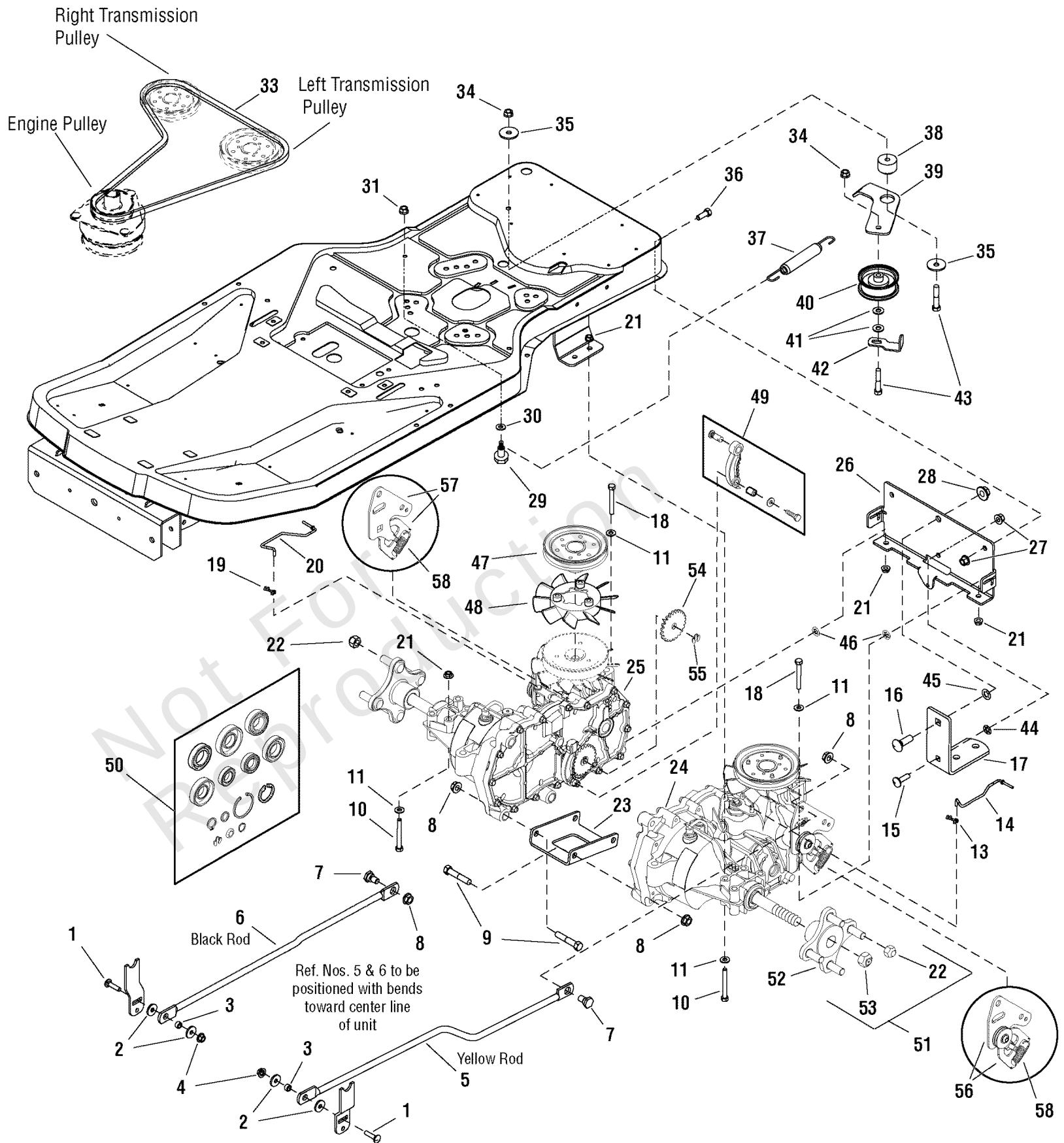
Transmission Group

REF NO	PART NO	QTY	DESCRIPTION
1	1960223SM	2	BOLT-RD HD SH SQ NK 5
2	1919381SM	4	WASHER, .34 ID x 1 OD x .13 THK
3	1703900SM	2	SPACER
4	1960684SM	2	NUT, Hex Keps, 5/16-18
5	1727555SM	1	ROD, Control L.H.
6	1727556SM	1	ROD, Control R.H.
7	1727831SM	2	BOLT, Shoulder
8	1930650SM	6	NUT-HEX FLANGE 7/16-1
9	1927120SM	4	CAPSCREW, Hex Head, 7/16-14 x 2-1/4, G8
10	1923141SM	4	CAPSCREW, Hex Head, 5/16-18 x 2-3/4, G5
11	1919326SM	6	WASHER, 5/16
13	1717024SM	1	CLIP, Rod End Linkage
14	1733913SM	1	ROD, Tow Valve L.H.
15	1960268SM	1	BOLT, Carriage, 3/8-16 x 1-1/4, G5
16	1960758SM	1	BOLT, Carriage, 1/2-13 x 1-1/2, G5
17	1733305ASM	1	DRAWBAR
18	1921719SM	2	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, G5
19	1725550SM	1	CLIP, Rod End Linkage
20	1733914SM	1	ROD, Tow Valve R.H.
21	1931277SM	6	NUT, Hex Flange Whiz Lock, 5/16-18
22	5020601SM	8	NUT, 1/2-20, FOR WHEEL BOLT SILVER
23	1733309ASM	1	SUPPORT, Transmission Center
24	1733351SM	1	TRANSMISSION, Hydro Gear EZT L.H.
25	1733352SM	1	TRANSMISSION, Hydro Gear EZT R.H.
26	1733302ASM	1	SUPPORT, Transmission Rear
27	1960687SM	3	NUT, Hex Flange, 3/8-16 ESNA
28	5025396SM	1	NUT, Hex Flange, 1/2-13
29	1728976SM	1	BOLT, Shoulder, 5/16-18 x 1-5/8
30	1924874SM	1	WASHER, .34 ID x .87 OD x .06 THK
31	1927557SM	1</	

Transmission Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690771



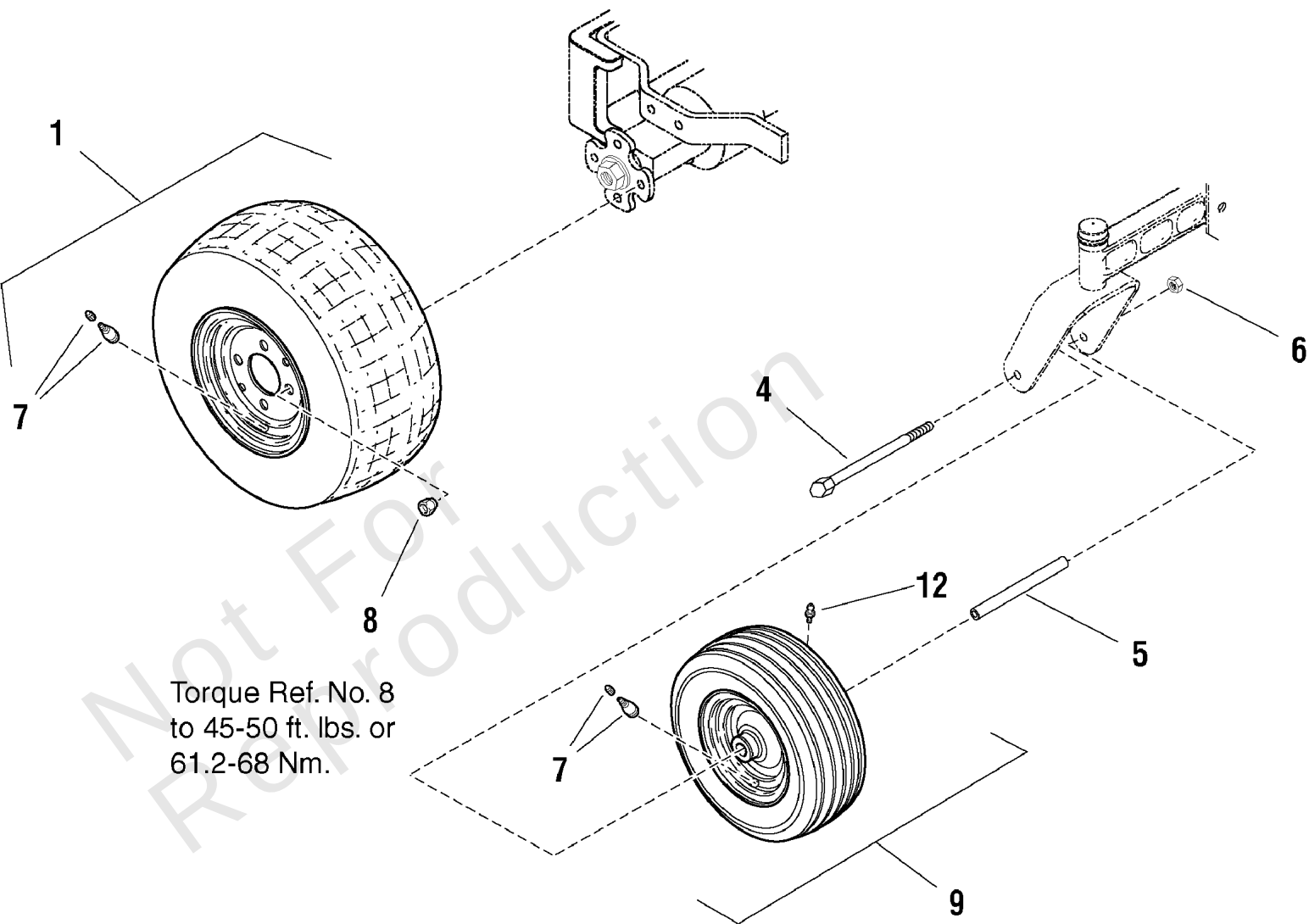
Transmission Group

REF NO	PART NO	QTY	DESCRIPTION
53	-----	2	NUT, EZT Transmission -(Included in Ref. No. 51)
54	1728076SM	1	GEAR, Parking Brake, Transmission
55	1716622SM	1	CLIP, E Transmission Parking Brake
56	1735490SM	1	ARM, Control Kit L.H.
57	1735491SM	1	ARM, Control Kit R.H.
58	1735483SM	2	SPRING, Extension -(Used only on Hydro Gear P/N ZC-AHBB-2A7B-1DPX and ZC-DHBB-2A7C-1DPX)
58	1735482SM	2	SPRING, Extension -(Used only on Hydro Gear P/N ZC-AHBB-2ADB-1DPX and ZC-DHBB-2ADC-1DPX)

Wheel & Tire Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690771



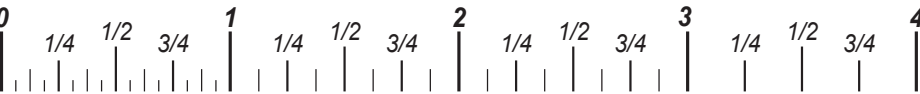
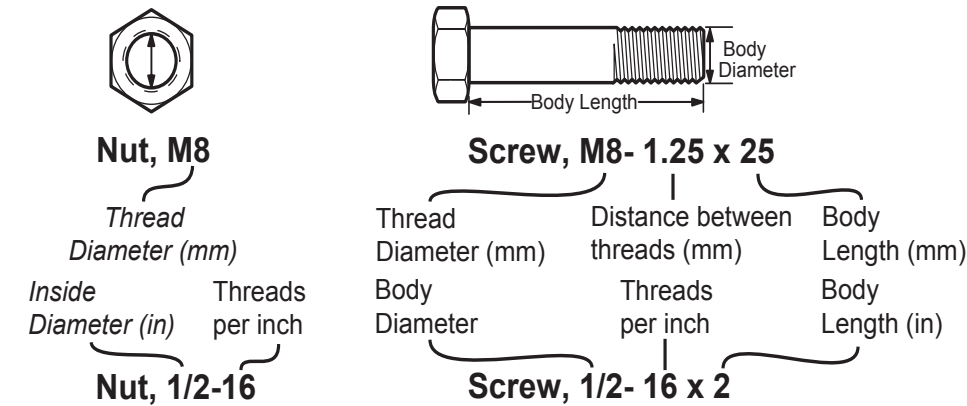
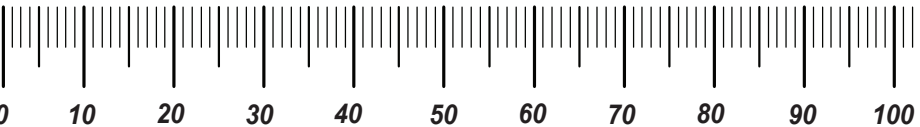
Wheel & Tire Group

REF NO	PART NO	QTY	DESCRIPTION
1	1726383SM	2	WHEEL & TIRE ASSEMBLY, 18 x 8-1/2-8 -(Includes Ref. Nos. 2, 3 & 7)
2	1734878SM	2	WHEEL, 18 x 8-1/2 - 8
3	1734877SM	2	TIRE, 18 x 8-1/2 - 8
4	7091772SM	2	HHCS, 7/16C X6 GR5 YZ
5	7035359SM	2	TUBE, Caster Wheel Spacer
6	7090839SM	2	NUT, Hex Center Lock
7	2172353SM	2	VALVE STEM & CAP
8	2177725SM	8	NUT, Hex Lug, 7/16-20
9	1734013SM	2	WHEEL & TIRE ASSY -(Includes Ref. Nos. 7, 10, 11 & 12)
10	1734876SM	2	WHEEL, 11 x 4 - 5
11	1734875SM	2	TIRE, 11 x 4 - 5
12	7104428	2	FITTING, Lube

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
1/2-2						

