



Parts Manual

Mfg. No: 2690061

Broadmoor, 16HP Hydro and 40" Mower
Deck (CE/Export)

1694341 - 40" Mower Deck (CE/Export).....	
1694301 - Broadmoor, 16HP Hydro (CE/Export).....	

Not For
Reproduction

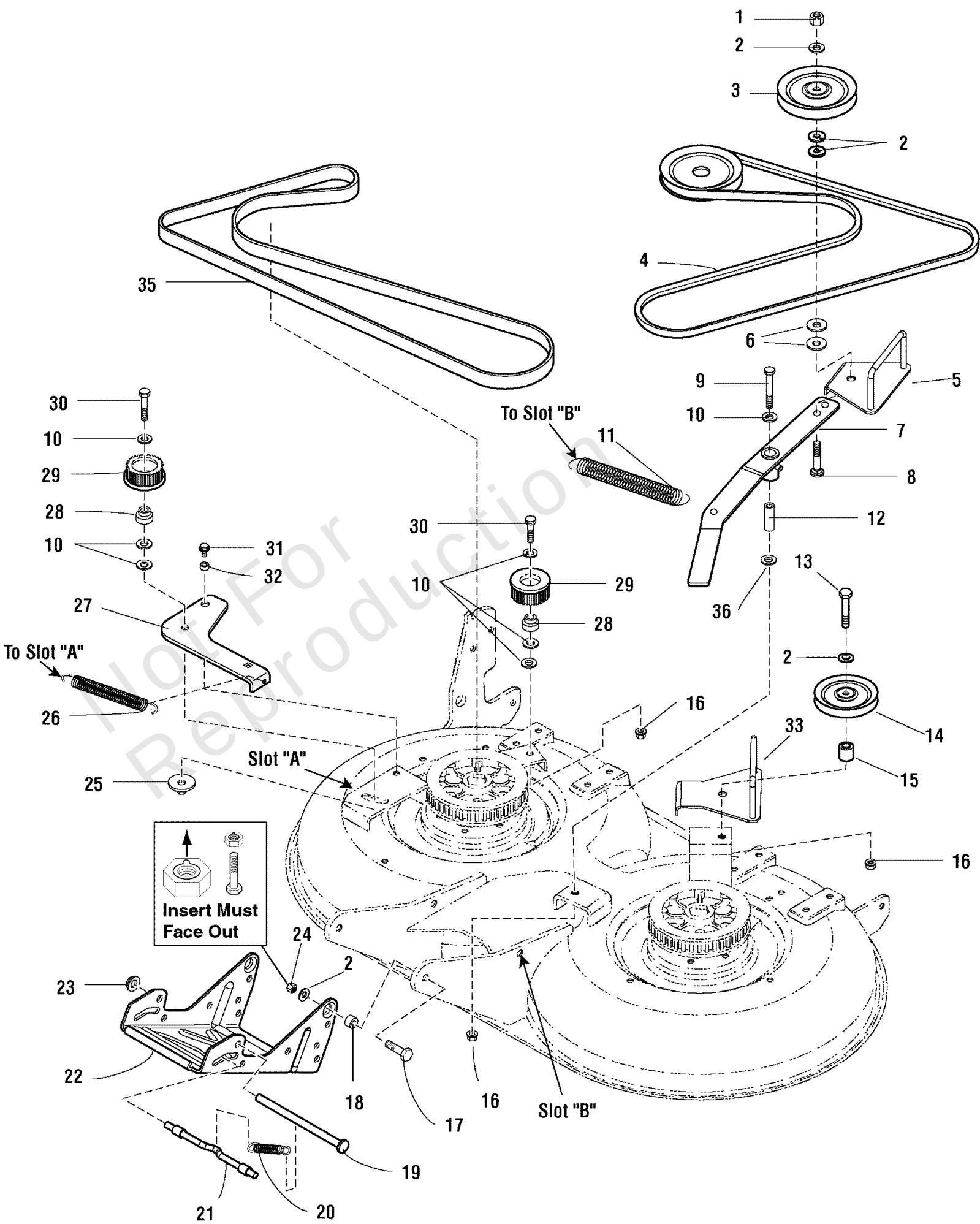
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40" Mower Deck - Belt, Idler Arm & Hitch

Note: Unless noted otherwise, use the standard torque specifications

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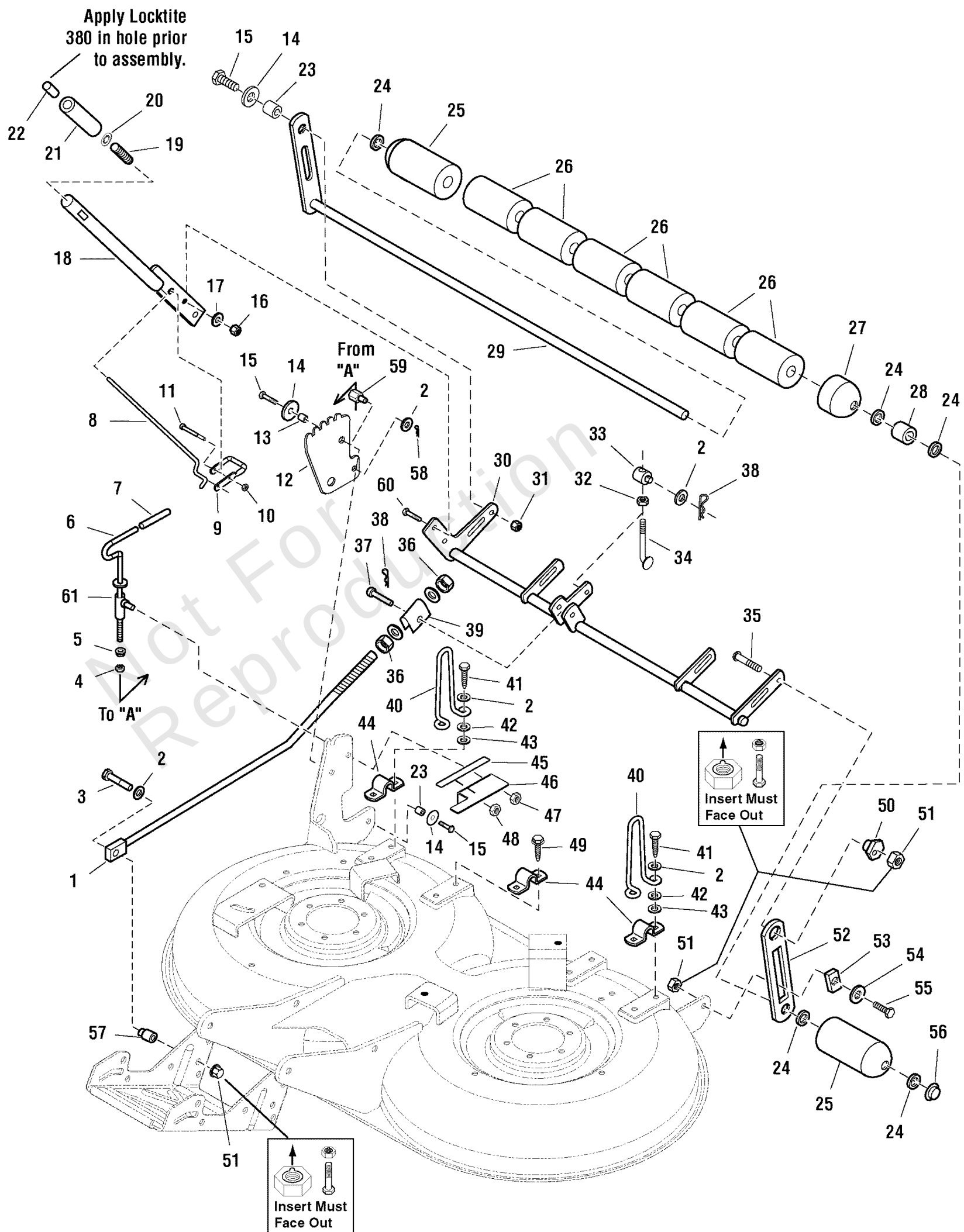
40" Mower Deck - Belt, Idler Arm & Hitch

REF NO	PART NO	QTY	DESCRIPTION
1	1919439	1	NUT, Hex Lock Esna Light, 3/8-16
2	1924940	6	WASHER, 3/8
3	1725408	1	PULLEY, Idler
4	1721532	1	V-BELT, Arbor Drive
5	1722175A	1	BELT GUIDE
6	1960534	2	WASHER, 3/8
7	1724835	1	ARM ASSEMBLY, Idler with Bushings & Fitting, 38 Tooth
8	1931355	1	CARRIAGE BOLT, 3/8-16 x 2
9	1960614	1	CAPSCREW, Hex Head, 3/8-16 x 2-3/4 G8
10	1922755	6	WASHER, 3/8
11	1715435	1	SPRING, Extension, Idler Arm
12	1657242	1	SPACER, Hardened
13	1922130	1	CAPSCREW, Hex Head, 3/8-16 x 2-1/4
14	1723952	1	PULLEY
15	1667812	1	SPACER
16	1928352	4	NUT, Hex Flange Whiz Lock, Large, 3/8-16
17	1921969	2	CAPSCREW, Hex Head, 3/8-16 x 1-3/8
18	1732443	2	SPACER
19	1713578	1	ROD, Mower Hitch
20	2156302	1	SPRING
21	1715759	1	ROD, Latch
22	1720044A	1	HITCH, Mower
23	1960519	1	NUT, Push
24	2860681	2	NUT, Hex Toplock Sprial Flange, 3/8-16
25	1721425	1	WASHER & NUT ASSEMBLY, 3/8 x 1-1/2
26	1674671	1	SPRING, Extension
27	1726387	1	ARM, Idler
28	1719221	2	HUB
29	1731892	2	PULLEY, Idler
30	1960746	2	SCREW-Hex Head Flange 3/8-16 x 2
31	1930601	1	CAPSCREW, Taptite Hex Washer Head, 5/16-18 x 1/2
32	1666697	1	SPACER
33	1722182A	1	BELT GUIDE
35	1724625	1	BELT, Timing, 38 Tooth
36	1933263	1	WASHER, 3/8

40" Mower Deck - Height Adjustment & Roller Bar

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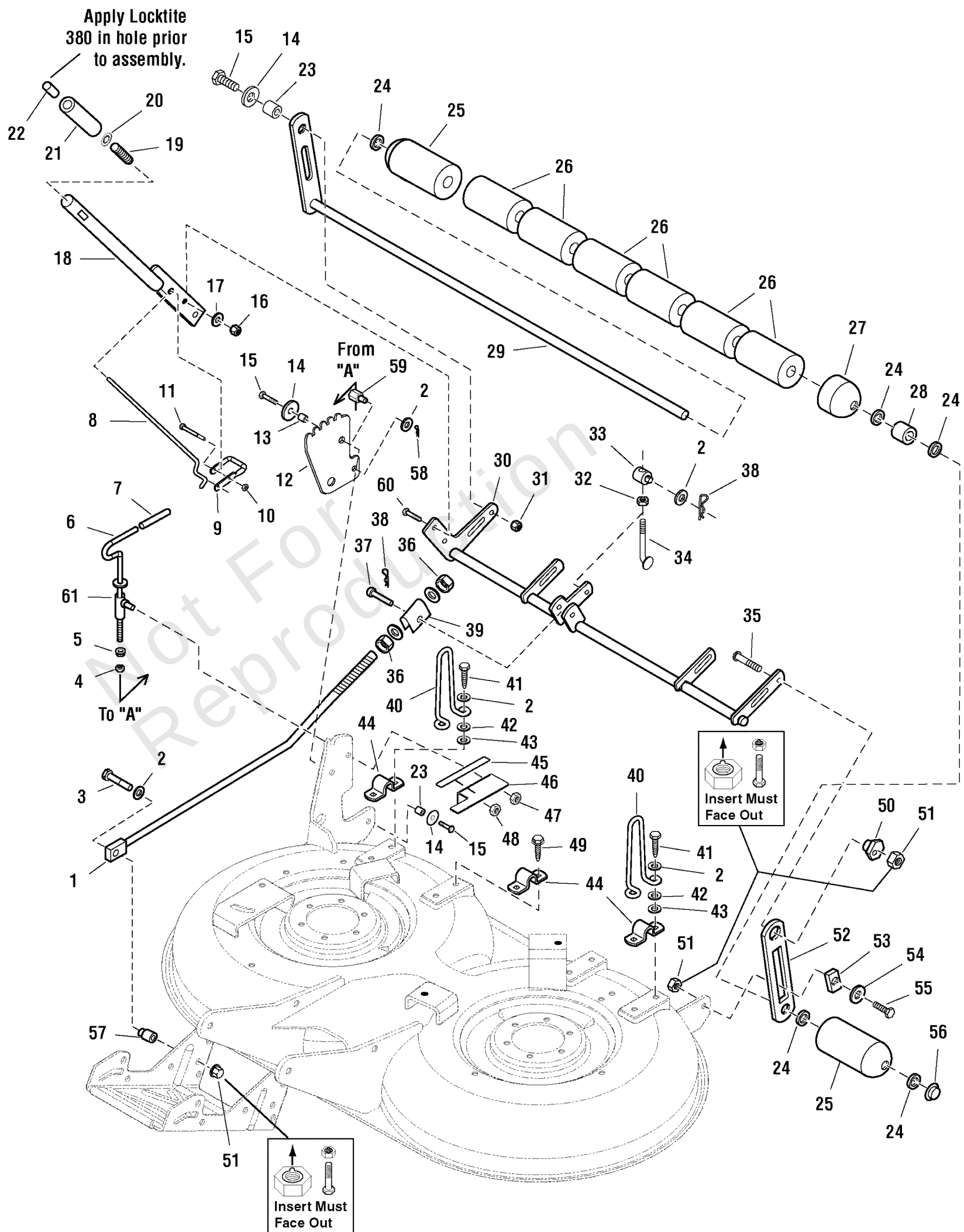
40" Mower Deck - Height Adjustment & Roller Bar

REF NO	PART NO	QTY	DESCRIPTION
1	1722661	1	ROD
2	1924940	8	WASHER, 3/8
3	1922606	1	CAPSCREW, Hex Head, 3/8-16 x 1 3/4
4	1917421	1	NUT, Hex Jam, 3/8-16
5	1960601	1	NUT, Hex Flange, 3/8-16 Black
6	1720704	1	ROD & WASHER ASSEMBLY, Adjust Handle
7	1651820	1	GRIP, Black Vinyl For Rod
8	1721257	1	ROD, Latch
9	1720599	1	LATCH, 5/16 WIRE
10	1920397	1	NUT, Hex Lock Esna Light, 1/4-20
11	1921159	1	CAPSCREW, Hex Head, 1/4-20 x 2 1/4
12	1723409A	1	BRACKET, Adjusting
13	1666697	1	SPACER
14	1960044	5	WASHER, 5/16
15	1921977	2	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
16	1917372	3	NUT, Hex 5/16-18
17	1917356	3	LOCKWASHER, Spring 5/16
18	1720695A	1	HANDLE ASSEMBLY, Lift, 40" Munching
19	1723321	1	SPRING, Compression 3-7/8" Long
20	1960674	1	PUSH NUT, 1/4
21	1713995	1	GRIP, Black Soft for Rod
22	1723124	1	BUTTON, Red
23	1960236	4	SPACER
24	1924366	7	WASHER, 5/8
25	1722036	2	ROLLER
26	1668513	6	ROLLER
27	1717675	2	ROLLER
28	1602946	1	SPACER
29	1723305A	1	SHAFT & BAR ASSEMBLY
30	1723303A	1	SHAFT ASSEMBLY
31	2860643	2	NUT, Hex, 5/16-18
32	1920161	1	NUT, Hex Jam, 5/16-18
33	1731382	1	TRUNNION
34	1724959	1	ROD, Height Adjustment
35	1931352	1	CARRIAGE BOLT, 3/8-16 x 1-1/2
36	1915726	2	NUT, Hex, 5/8-11
37	2118053	1	PIN
38	1960074	2	CLIP, Hair Pin
39	1706645A	1	TRUNNION, Rod
40	1720659	2	UPSTOP
41	1931202	4	CAPSCREW, Hex Head Taptite, 5/16-18 x 1-1/4
42	1919381	6	WASHER, 5/16
43	1933988	4	NUT, Push, 5/16
44	1665374	3	STRAP, Rocker Shaft
45	1720919	1	DECAL, Height of Cut
46	1720931A	1	BRACKET, Height of Cut
47	1930645	1	NUT, Hex Centerlock 3/8-16
48	1935048	1	NUT, Hex Flange Lock, 5/16-18
49	1664847SM	8	CAPSCREW, Taptite Hex Washer Head, 5/16-18 x 3/4
50	1704082	1	NUT, Hex Adjusting
51	2860681	3	NUT, Toplock Spiral Flange, 3/8-16

40" Mower Deck - Height Adjustment & Roller Bar

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690061



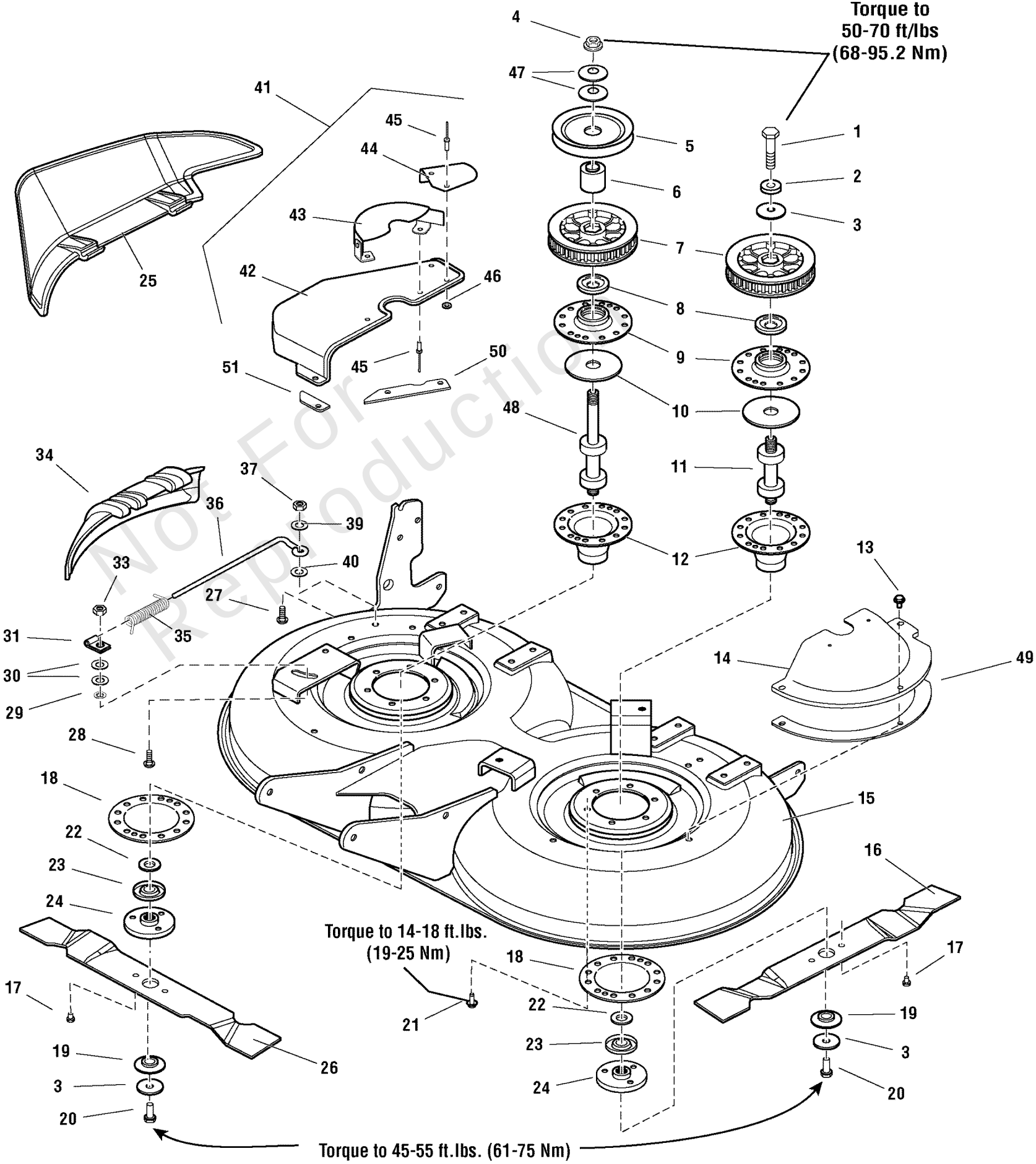
40" Mower Deck - Height Adjustment & Roller Bar

REF NO	PART NO	QTY	DESCRIPTION
52	1704073A	1	BAR
53	1677507	1	SLIDE
54	1924361	1	WASHER, 1/2
55	2172622	1	BOLT, Shoulder, 3/8-16 x 1-11/32
56	1960520	1	NUT, Push 5/8
57	1706644	1	SPACER
58	1918447	1	PIN, Cotter
59	2108512	1	PIVOT, 3/4 Hex
60	1931335	2	BOLT, Carriage, Short Neck, 5/16-18 x 1
61	2108241	1	GUIDE ASSEMBLY, Rod

40" Mower Deck - Housing, Arbors & Blades

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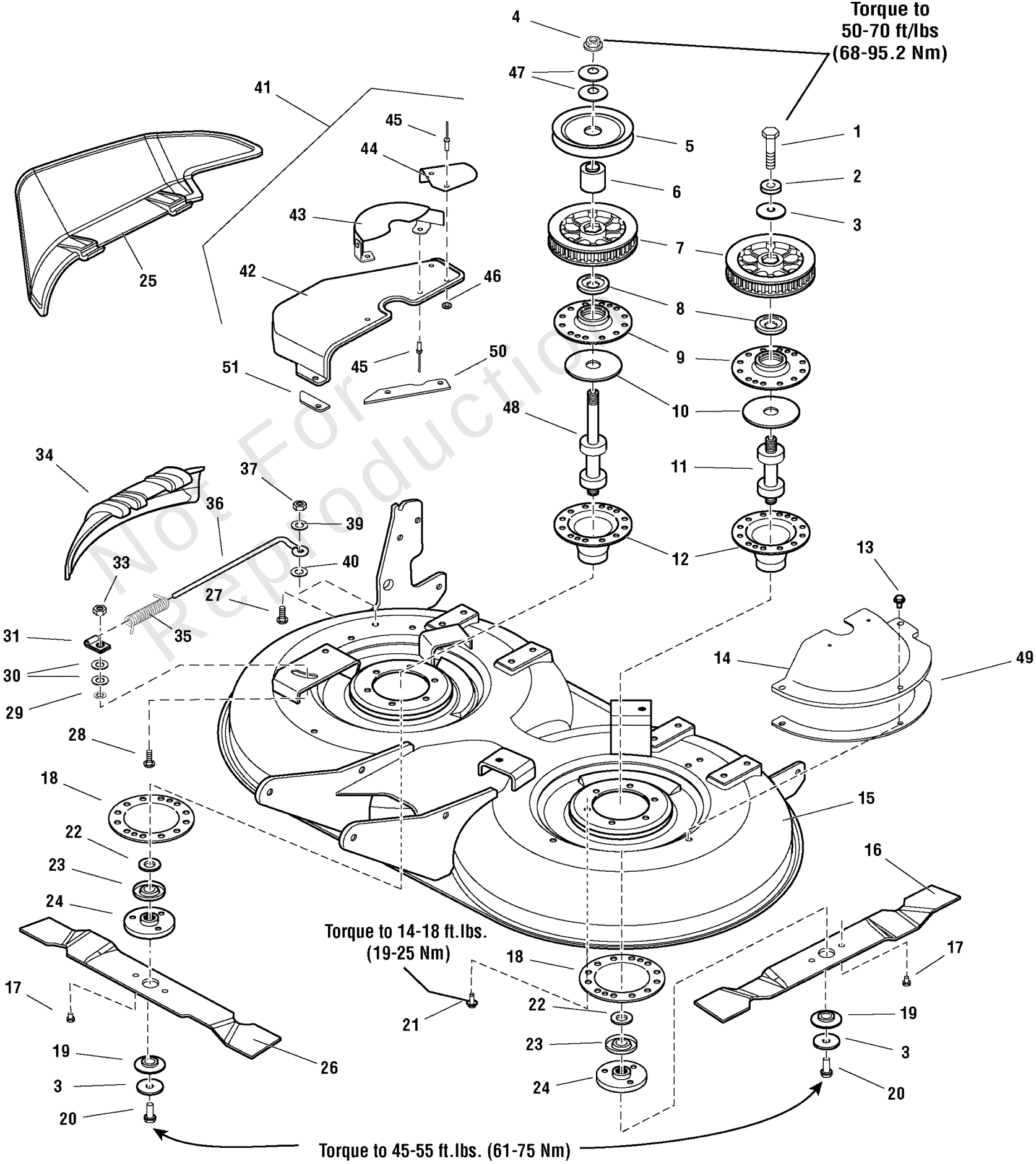
40" Mower Deck - Housing, Arbors & Blades

REF NO	PART NO	QTY	DESCRIPTION
1	1930584	1	CAPSCREW, Hex Head, 7/16-14 x 2-3/4 G8
2	1933263	1	WASHER, 7/16
3	1656916SM	3	WASHER, SPRING 0.475I
4	1714419	1	NUT, Hex Flange, 9/16-18
5	1713091	1	PULLEY
5	1732123	1	PULLEY, RH, .49" Shallow-Groove OD 6"
6	1719870	1	HUB
7	1687229	2	SPROCKET & FLANGE ASSEMBLY, w/Screws, 38 Tooth
8	1657969	2	SHIELD, Bearing Upper, Arbor
9	1655729A	2	HOUSING, Arbor Top
10	1707335	2	GASKET, Foam Poly
11	1722396	1	ARBOR SHAFT & BEARINGS ASSEMBLY
12	1703273A	2	HOUSING, Arbor Bottom with Lube Fitting
13	1664847SM	6	CAPSCREW, Taptite Hex Washer Head, 5/16-18 x 3/4
14	1724601	1	COVER, Arbor, LH
15	1686978	1	HOUSING ASSEMBLY, 40", Orange
15	1687175	1	HOUSING ASSEMBLY, 40", Red
16	1719624A	1	BLADE, Mower, LH
17	1722258	2	PIN, Blade
18	1677274A	2	ADAPTOR, Arbor
19	1722257	2	WASHER, Spline
20	2827120	2	CAPSCREW, Hex Head, 7/16-14 x 2-1/4 G8
21	1960373	12	CAPSCREW, Taptite Hex Washer Head, 5/16-18 x 1
22	1700230	2	WASHER, Shim
23	1700229	2	SHIELD, Arbor Bearing, Lower
24	1655777	2	ADAPTER, Blade
25	1723453	1	DEFLECTOR, Discharge
26	1719623A	1	BLADE, Mower, RH
27	1931335	1	BOLT, Carriage, Short Neck, 5/16-18 x 1
28	1931318	1	CARRIAGE BOLT, 1/4-20 x 7/8
29	1960518	1	NUT, Push
30	1960353	2	WASHER, 1/4
31	1704873	1	CLAMP
33	1920397	1	NUT, Hex 1/4-20, ESNA
34	1719597	1	DOOR, Mulching, Black Plastic
35	1723938	1	SPRING, Torsion
36	1719617	1	ROD, Pivot
37	1919438	1	NUT, Hex Lock ESNA Light, 5/16-18
39	1919381	1	WASHER, 5/16
40	1933988	1	NUT, Push
41	1721155	1	COVER ASSEMBLY, Arbor, RH (Includes Ref. Nos. 42 thru 46)
42	1724600	1	COVER, Arbor RH
42	1732425	1	COVER, Arbor RH
43	1721259A	1	GUARD ASSEMBLY, RH
44	1721132A	1	GUARD, Extension
45	1675044	4	RIVIT, Pop
46	1960096	4	WASHER, 3/16 x 3/4 x 1/16
47	1713675	2	WASHER, Bellville, 9/16
48	1726825	1	ARBOR SHAFT & BEARING ASSEMBLY
49	1732960	1	SHIM-Cover LH 7GA 40" Mower
50	1732691	1	SHIM-Cover RH 7GA 6.5 LG 40" Mower

40" Mower Deck - Housing, Arbors & Blades

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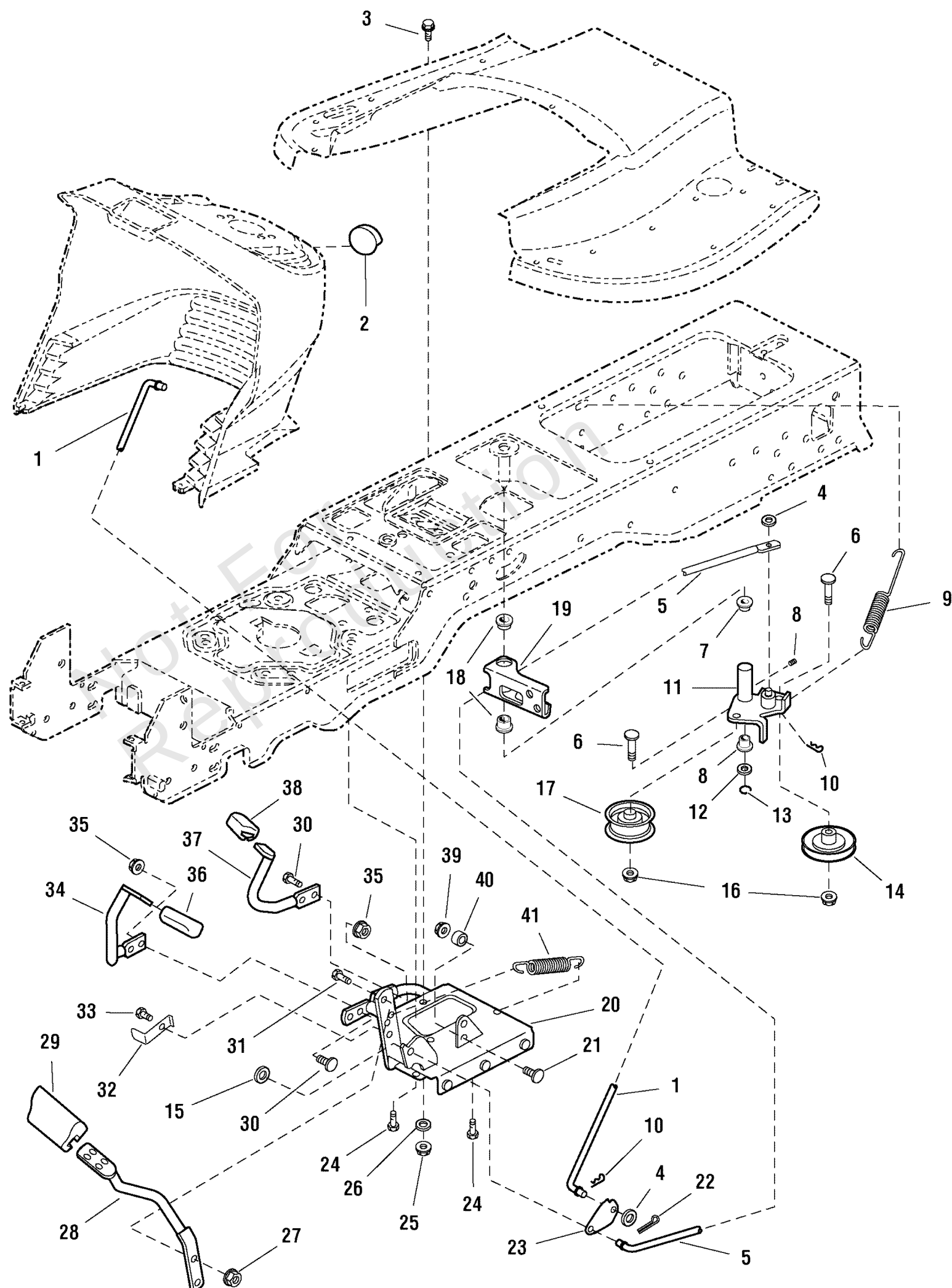
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40" Mower Deck - Housing, Arbors & Blades

REF NO	PART NO	QTY	DESCRIPTION
51	1732693	1	SHIM-Cover RH 7GA 2.8 LG 40" Mower

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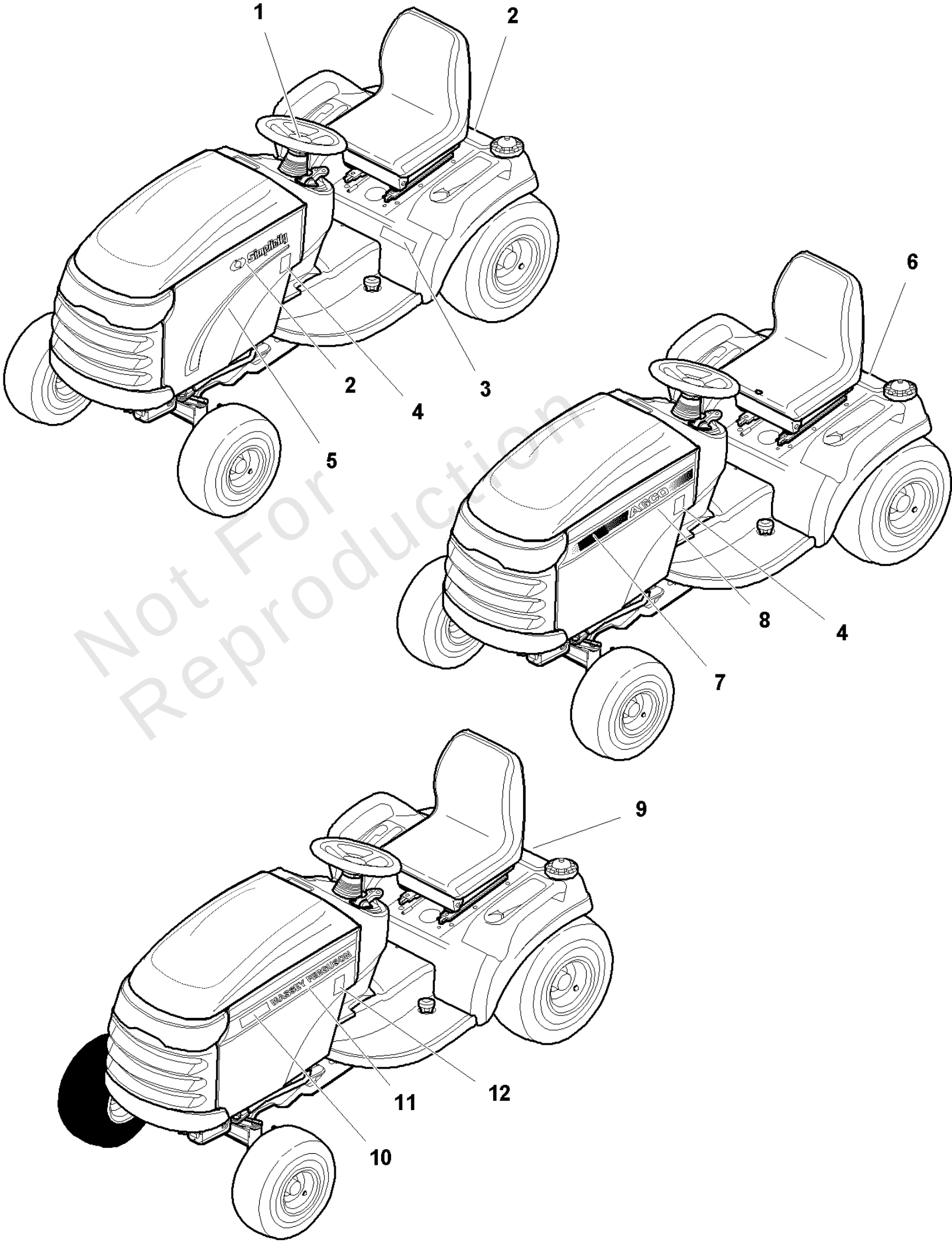
Controls Group

REF NO	PART NO	QTY	DESCRIPTION
1	1721353SM	1	ROD, Brake Lock
2	1721891SM	1	KNOB, Push On, Red Plastic "P"
3	1930591SM	1	CAPSCREW, Hex Flange Whiz Lock, 5/16-18 x 3/4
4	1919326SM	2	WASHER, 5/16
5	1721476SM	1	ROD, Brake
6	1931353SM	2	CARRIAGE BOLT, 3/8-16 x 1 3/4
7	1663114SM	2	BUSHING, 5/8 x 3/4 x 3/4, Nylon
8	2821133SM	1	FITTING, Lube, 1/4
9	1725250SM	1	SPRING, Extension
10	1722460SM	3	PIN, Quick
11	1726882SM	1	ARM & HUB ASSEMBLY, Idler
12	1960020SM	1	WASHER, Plain, 21/32
13	1704420SM	1	RING, Clipring Extension
14	1721134SM	1	PULLEY, w/Bearing
15	1924940SM	1	WASHER, 3/8
16	1960687SM	2	NUT, Hex Flange ESNA, 3/8-16
17	1721133SM	1	PULLEY, IDLER
18	1723237SM	2	BUSHING, 1 x 1-1/8 x 5/8, Nylon
19	1722513SM	1	ARM, Brake
20	1726763SM	1	PEDAL ASSEMBLY, Foot
21	1931320SM	1	CARRIAGE BOLT, 1/4-20 x 1-1/4
22	1918447SM	1	PIN, Cotter, Black
23	1721354ASM	1	LATCH, Brake
24	1664847SM	3	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 3/4
25	1919438SM	1	NUT, Hex Lock ESNA Light, 5/16-18
26	1919381SM	1	WASHER, 5/16, Black
27	1927557SM	2	NUT, Hex Flange Whiz Lock Large, 5/16-18
28	1722535ASM	1	PEDAL, Brake
29	1721577SM	1	PAD, Brake Pedal
30	1931334SM	4	CARRIAGE BOLT, 5/16-18 x 7/8
31	703570	2	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
32	1722083ASM	1	ACTUATOR, Switch 2.53" Long
33	1923683SM	1	CAPSCREW, Hex Washer Head Taptite, 3/8-16 x 3/4
34	1722070ASM	1	PEDAL, Forward
35	1960636SM	4	NUT, Hex KEPS, 5/16-18
36	1721675SM	1	PAD, Foot Pedal Forward
37	1722071ASM	1	PEDAL, Reverse
38	1721674SM	1	PAD, Foot Pedal Reverse
39	1920397SM	1	NUT, Hex Lock ESNA Light, 1/4-20
40	1686612SM	1	CAM, Roller
41	1721995SM	1	SPRING, Extension, 5/8 x 6-5/8

Decals - Brand & Model

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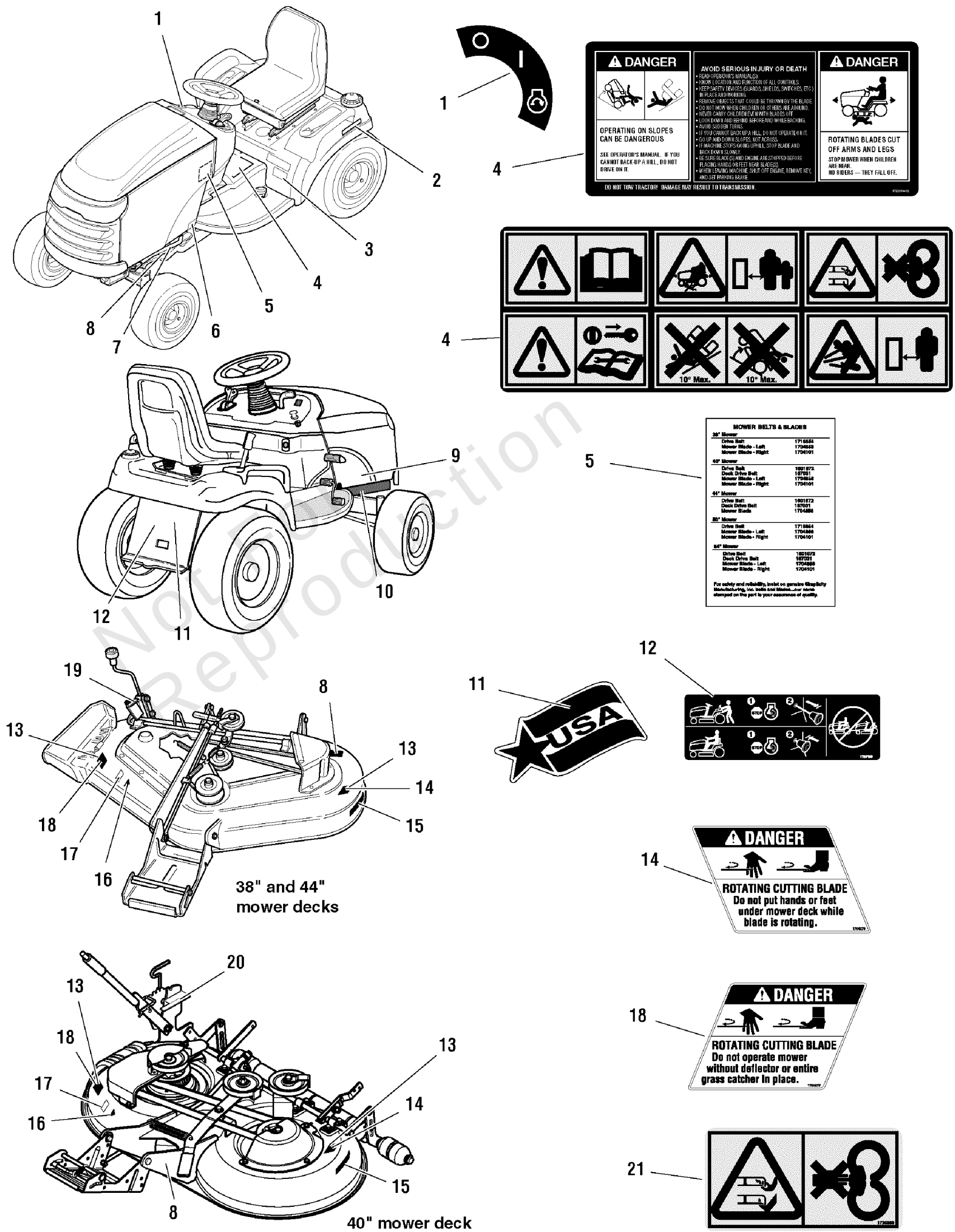
Decals - Brand & Model

REF NO	PART NO	QTY	DESCRIPTION
1	1717692SM	1	DECAL, ICON Simplicity, Orange
2	1722551SM	3	DECAL, Simplicity, Silver & Blue w/Icon
3	1722776SM	1	DECAL, Broadmoor, Silver & Blue
4	1720454SM	1	DECAL, Touch Up Paint (Orange)
5	1722773SM	1	DECAL, Hood Stripe, RH, Simplicity, Blue & Silver
5	1722774SM	1	DECAL, Hood Stripe, LH, Simplicity, Blue & Silver
6	1708926SM	1	DECAL, AGCO, Logo Black, Chrome, Orange
7	1724417SM	1	DECAL, 1606, White, AGCO
7	1722794SM	2	DECAL, 1616, White, AGCO
8	1722817SM	1	DECAL, Hood Stripe, LH, AGCO
8	1722818SM	1	DECAL, Hood Stripe, RH, AGCO
9	1714363SM	1	DECAL, Massey Ferguson Logo, 3 Triangles
10	1724418SM	1	DECAL, 2606, Black, Massey Ferguson
10	1722800SM	2	DECAL, 2616, Black, Massey Ferguson
11	1722815SM	1	DECAL, Hood Stripe, LH, Massey Ferguson
11	1722816SM	1	DECAL, Hood Stripe, RH, Massey Ferguson
12	1725072SM	1	DECAL, Touch Up Paint (Red)

Decals - Safety & Common

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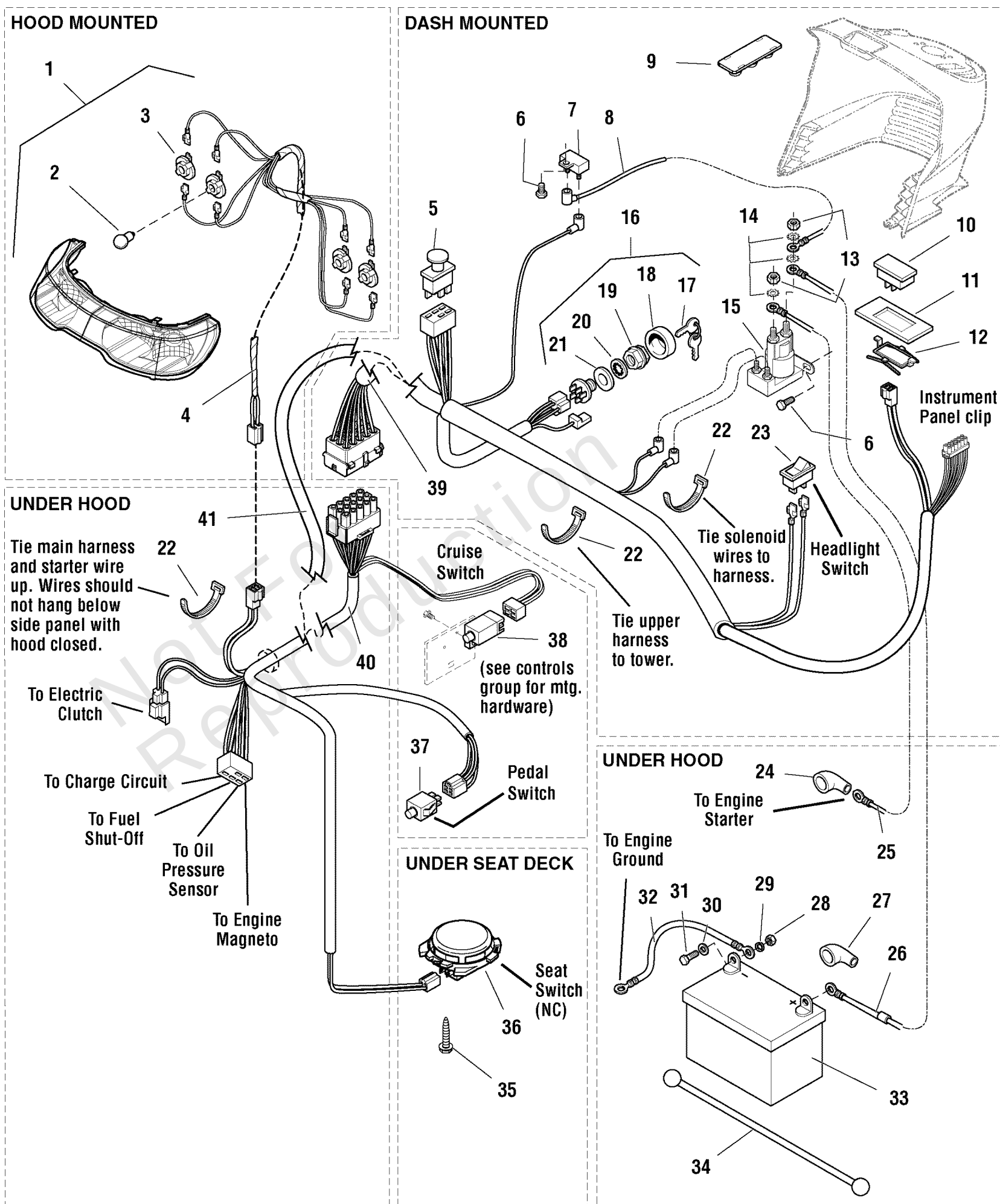
Decals - Safety & Common

REF NO	PART NO	QTY	DESCRIPTION
1	1722806SM	1	DECAL, Ignition Switch Symbols, White/Black
2	1718025SM	1	DECAL, Automatic Control Traction
3	1722549SM	1	DECAL, 16HP
4	1722814SM	1	DECAL, Tunnel Cover, Danger Slopes/Blades
4	1723175SM	1	DECAL, Tunnel Cover, Danger Slopes/Blades, (Export)
5	1723410SM	1	DECAL, Drive Belts, Mower Blades (56 Tooth Sprocket Mower)
5	1725158SM	1	DECAL, Drive Belts & Mower Blades (38 Tooth Sprocket Mower)
6	1723296SM	2	DECAL, Protective Sticker
7	-----	1	LABEL, Decibel, Power Mass (Export)
8	-----	1	DECAL, I.D. Plate
9	1723741SM	2	DECAL, Powered by HONDA
10	-----	1	DECAL, Patent
11	1708927	1	DECAL, USA Logo Stars & Stripe
12	1723160SM	1	DECAL, Transmission Release Valve
13	1720389SM	2	DECAL-DANGER ROTATING
14	1704276SM	1	DECAL-DANGER DO NOT P
15	1722771SM	1	DECAL, Free Floating Mower, Silver
16	-----	1	DECAL, OPEI Certified
17	1722787SM	1	DECAL, 38", Silver on Black with Stripe
17	1722788SM	1	DECAL, 40", Silver on Black with Stripe
17	1722789SM	1	DECAL, 44", Silver on Black with Stripe
18	1704277SM	1	DECAL, Danger Do Not Operate Without Deflector
19	1721197SM	1	DECAL, Height of Cut, 38" & 44"
20	1720919SM	1	DECAL, Height of Cut, 40"

Electrical Group

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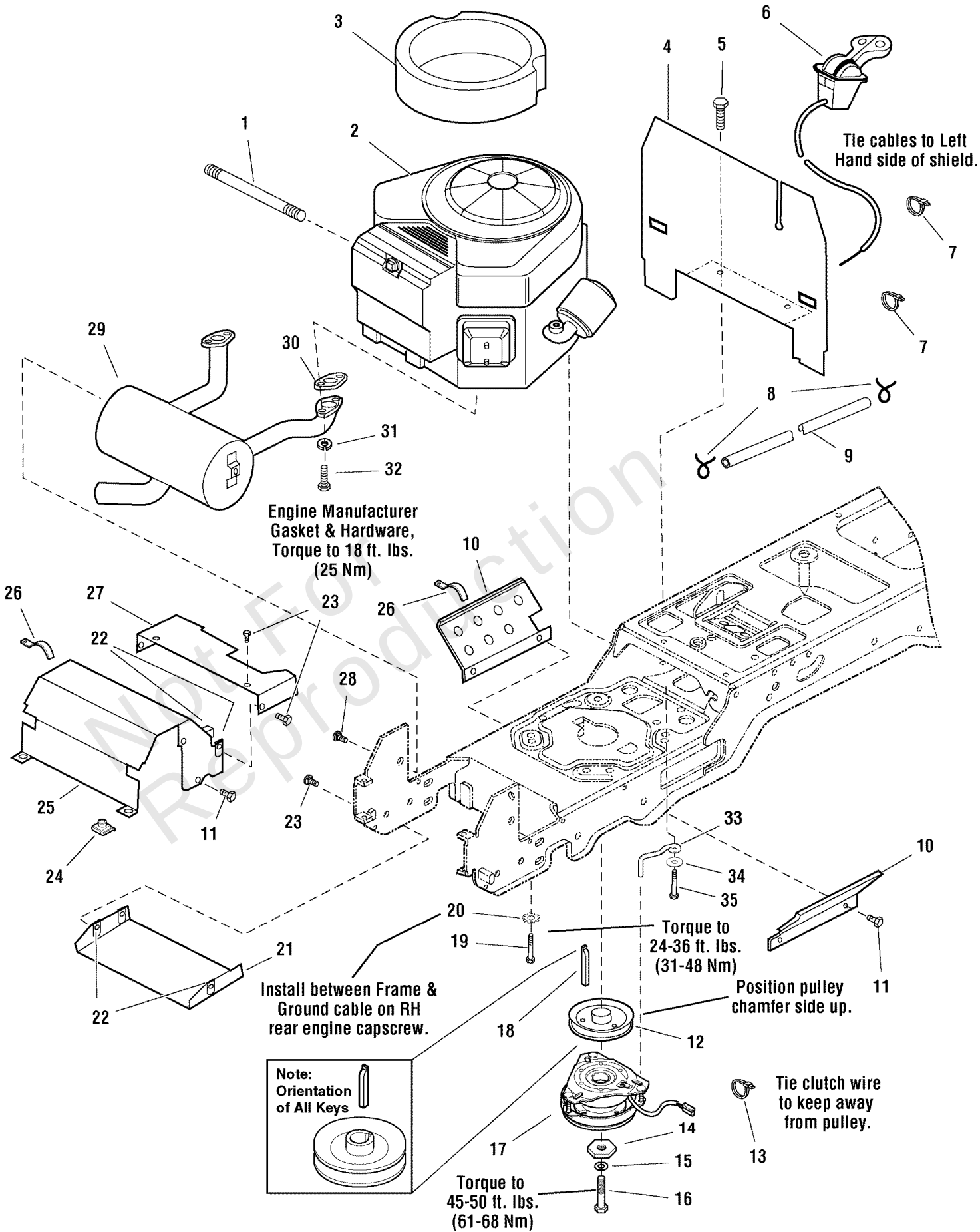
Electrical Group

REF NO	PART NO	QTY	DESCRIPTION
1	1721810SM	1	HEADLIGHT ASSEMBLY, 4 Bulb, (Includes Ref. Nos. 2 & 3)
2	1677371SM	4	BULB-HEADLIGHT 1
3	1723451SM	4	SOCKET ASSEMBLY, Headlight, Sealed
4	1722669SM	1	HARNESS, Headlight
5	1722887SM	1	SWITCH-PTO PUSH
6	1925003SM	2	CAPSCREW, Hex Washer Head Taptite, 1/4-20 x 1/2, Black
7	1665238SM	1	BREAKER-CIRCUIT
8	1665237SM	1	WIRE, 12GA 5-15/16 Long, Red
9	1722611SM	1	PLUG-HOLE BLACK
10	1731184SM	1	HOUR METER, (Includes Ref. Nos. 12)
11	1725524SM	1	PLUG, Dash
12	1725835SM	1	CLIP, Hour Meter (Service Only)
13	2820263SM	2	NUT, Hex, 5/16-24
14	2820426SM	3	LOCKWASHER, External Tooth, 5/16
15	1722739SM	1	SOLENOID
16	1686734SM	1	IGNITION SWITCH
17	1717163SM	1	KEY-IGNITION INDAK
18	1717550SM	1	COVER, For Ignition Switch, Plastic
19	1717549SM	1	NUT, Hex Flange, 5/8-32, Ignition Switch
20	1960547SM	1	LOCKWASHER-INTERNAL
21	2101025SM	1	WASHER, Shim
22	1701011SM	3	TIE, Strap, 7-5/16 Long
23	1716951SM	1	SWITCH, Headlights , 2 Terminal
24	1713535SM	1	BOOT, Insulator Cable Terminal, 1-15/16 Long, Red
25	1721830SM	1	CABLE, #6 x 25" Long, Ring Terminals
26	1603618SM	1	CABLE, #6 x 8" Long, Ring Terminals
27	1677296SM	1	BOOT,INSULATOR BATTER
28	2816622SM	3	NUT, Hex, 1/4-20
29	2816964SM	2	LOCKWASHER, 1/4
30	2821319SM	2	WASHER, 1/4
31	2823341SM	2	CAPSCREW, Hex Head, 1/4-20 x 3/4
32	1713163SM	1	CABLE, #6 x 26 Long, Ring Terminal
33	1685215SM	1	BATTERY,12V
34	1722009SM	1	STRAP, Battery, 14 Long, Rubber
35	1960536SM	2	SCREW, HEX WSHR HD PL
36	1716368SM	1	SWITCH-OP PRESEN
37	1732006SM	1	SWITCH, Push Button, Foot Pedal
38	1717050SM	1	SWITCH-PUSH BUTT
39	1722715SM	1	HARNESS, Wiring Upper (Units with 2 Piece Harnes)
40	1724871SM	1	HARNESS, Wiring Lower (Units with 2 Piece Harness)
41	1725634SM	1	HARNESS, Wiring, (Units with 1 Piece Harness)

Engine Group - Electric Clutch - 16HP & 18HP Briggs & Stratton, Vanguard

Note: Unless noted otherwise, use the standard torque specifications

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Engine Group - Electric Clutch - 16HP & 18HP Briggs & Stratton, Vanguard

REF NO	PART NO	QTY	DESCRIPTION
1	1723165	1	HOSE, Oil Drain, 10-1/2" Long, 3/8-18 Fittings
2	-----	1	ENGINE, 16HP Briggs & Stratton Vanguard Twin, Model 303777, Type 1114-E1
2	-----	1	ENGINE, 18HP Briggs & Stratton Vanguard Twin, Model 356777, Type 0113-E1
3	1722950	1	SEAL, Circle, 16HP Only
4	1722388A	1	BULKHEAD
5	1925003	2	CAPSCREW, Hex Washer Head Taptite, 1/2-20 x 1/2, Black
6	1727223	1	CONTROL, Throttle Double 39" Long w/Knobs
8	2860112	2	CLAMP, Hose Type E
7	1701011	2	TIE, Wire, 7-5/16" Long
9	1718678	1	HOSE, Fuel, 59" Long
10	1722392A	2	SHIELD, Side
11	1929000	8	CAPSCREW, Hex Washer Head Taptite, 1/4-20 x 3/8
12	1722288	1	PULLEY & HUB ASSEMBLY
13	2832747	1	TIE, Self Locking, 3-5/8 Long
14	1708264	1	WASHER, Hex, 7/16, Black
15	1918199	1	LOCKWASHER, 7/16
16	1960648	1	CAPSCREW, Hex Head, 7/16-20 x 3-3/4
17	1686880	1	CLUTCH, Electric
18	1720463	1	KEY, HI PRO, 1/4 x 2 1/2
19	704010	4	SCREW, HEX, 3/8-16
20	2820427	1	LOCKWASHER, External Tooth, 3/8
21	1722414A	1	SHIELD, Muffler Bottom
22	1960368	8	NUT, Speed, 1/4-20, Lug
23	1960295	4	CAPSCREW, Hex Flange Whiz Lock, 1/4-20 x 5/8
24	1935255	2	NUT, Speed, Lug Type, 5/16-18
25	1722389A	1	DUCT, Muffler Top
26	2834683	2	CLIP, Wire 1/8
27	1722390A	1	DUCT, Muffler Extension
28	1924856	2	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 1/2, Black
29	1722625	1	MUFFLER, Briggs & Stratton, Vanguard Twin
30	-----	1	GASKET, Briggs & Stratton, Vanguard Twin
31	1917356	4	LOCKWASHER, 5/16
32	2860660	4	CAPSCREW, Hex Flange Whiz Lock, 5/16-18 x 7/8
33	1732026	1	RETAINER, Clutch -2986413 - 18HP B&S Vanguard (Twin)
34	1924940	1	WASHER, Flat 3/8 -2986413 - 18HP B&S Vanguard (Twin)
35	2827187	1	CAPSCREW, 3/8-16 x 1 -2986413 - 18HP B&S Vanguard (Twin)

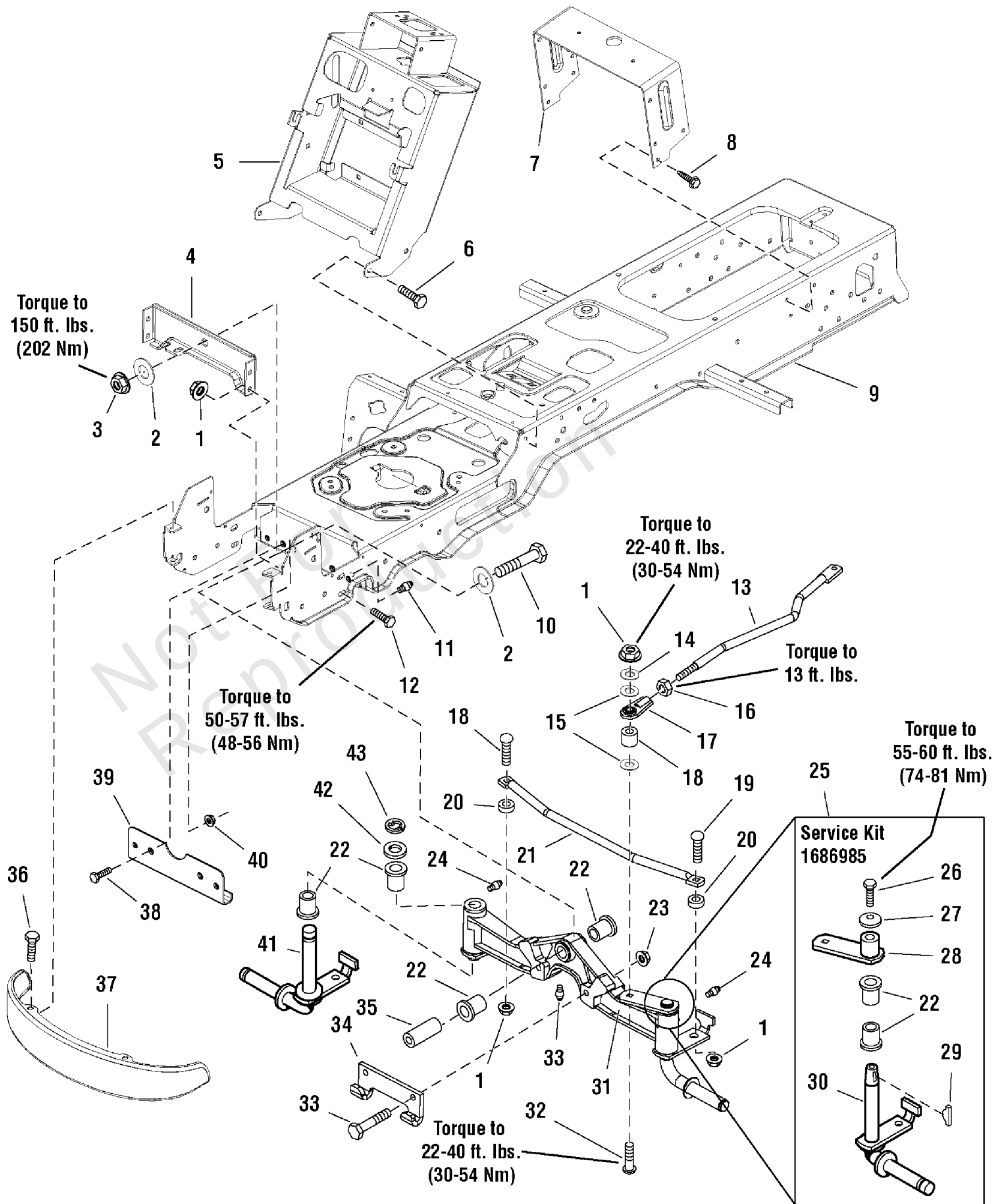
Footnotes:

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

Frame & Front Axle Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690061



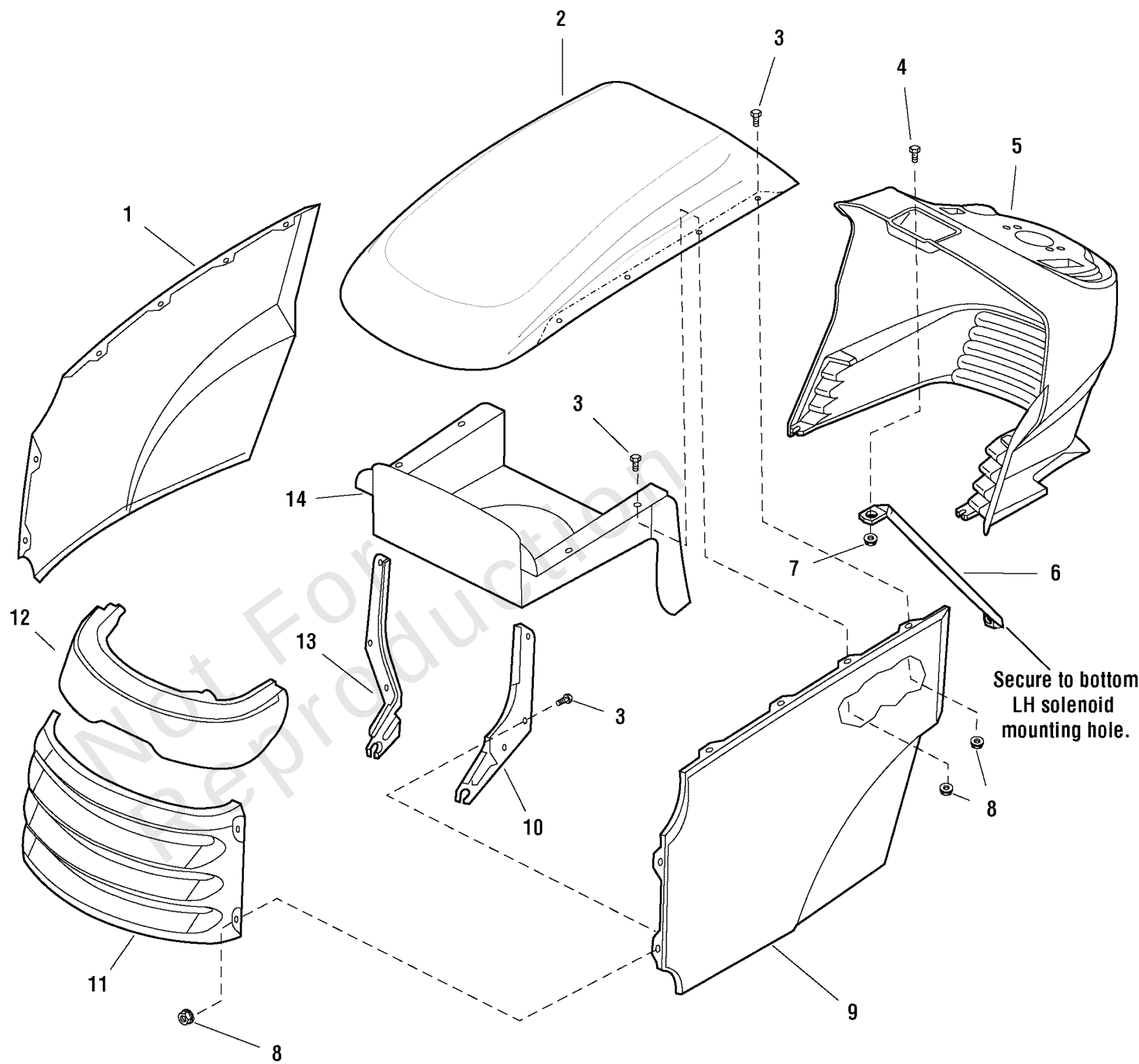
Frame & Front Axle Group

REF NO	PART NO	QTY	DESCRIPTION
1	1930645SM	7	NUT, Hex Flange Lock, 3/8-16
2	1960035SM	2	WASHER-0.625(0.64IDX1
3	2860646SM	1	NUT, Hex Flange, 5/8-11
4	1722212ASM	1	PLATE-AXLE SUPPORT-BL
5	1724081ASM	1	TOWER & SUPPORT ASSEMBLY
6	1923683SM	4	CAPSCREW, Hex Head Taptite, 3/8-16 x 3/4
7	1723528ASM	1	SUPPORT
8	1664847SM	4	CAPSCREW, Hex Head Taptite, 5/16-18 x 3/4
9	1726887	1	FRAME ASSEMBLY
10	2860645SM	1	CAPSCREW, 5/8-11 x 3-1/2
11	1704314SM	2	LUBE FITTING, .250 DR
12	1933260SM	4	CAPSCREW, Hex Head, Flange Lock, 3/8-16 x 3/4
13	1722541SM	1	LINK, Drag
14	1922755SM	1	WASHER
15	1960103SM	2	WASHER, 3/8"
16	1919262SM	1	NUT, Hex Jam, 1/2-20
17	1702779SM	1	JOINT-BALL .500-20 TH
18	1708236SM	1	SPACER
19	1931350SM	2	BOLT, RD HD SH SQ NK
20	1611705SM	2	SPACER-0.385IDX0
21	1722626ASM	1	ROD, Tie
22	1721682SM	6	BUSHING
23	1930650SM	2	NUT-HEX FLANGE 7/16-1
24	2821133SM	3	FITTING, Lube
25	1686985SM	1	SPINDLE REPLACEMENT K
26	2823485SM	1	CAPSCREW, 3/8-16 x 7/8, GR8
27	1663151SM	1	WASHER, Spring, 3/8
28	1725112SM	1	HUB & ARM ASSEMBLY
29	2830671SM	1	KEY, Woodruff
30	1724264SM	1	SPINDLE, LH
31	1722200ASM	1	AXLE ASSEMBLY, w/ LH Spindle, Complete (Includes Ref. Nos. 22, 24, 41, 42 & 43)
32	1931352SM	1	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
33	1927531SM	2	CAPSCREW-HEX HD 7/16-
34	1721918ASM	1	HOOK, "J"
35	1721752SM	1	SPACER
36	1960086SM	4	SCREW, TRUSS HD TORX
37	1721805ASM	1	BUMPER, Black, Steel, Standard
37	1723502SM	1	BUMPER, Chrome, Optional
38	1930591SM	2	CAPSCREW, Hex Whiz Lock, 5/16-18 x 3/4
39	1724801ASM	1	PLATE, Axle Wear
40	1931277SM	2	NUT, Hex Falnge Whiz Lock, 5/16-18
41	1722199SM	1	SPINDLE, RH
42	1919394SM	1	WASHER
43	2832577SM	1	RING, Retainer

Hood, Grill & Dash Group

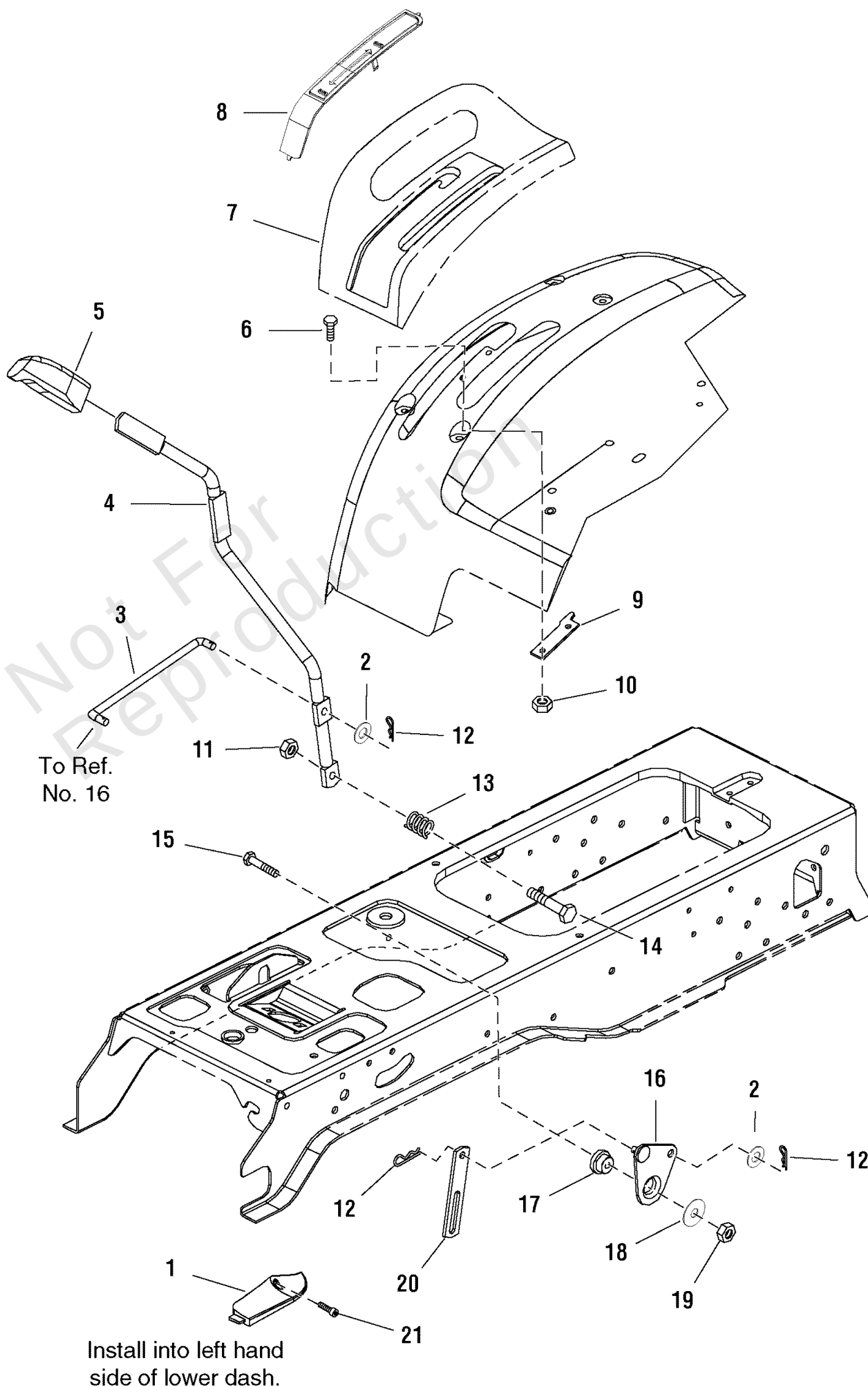
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690061



Hood, Grill & Dash Group

REF NO	PART NO	QTY	DESCRIPTION
1	1721804CSM	1	PANEL, RH Side, Orange
1	1721804DSM	1	PANEL, RH Side, Red
2	1721801CSM	1	HOOD, Orange
2	1721801DSM	1	HOOD, Red
3	1960295SM	12	CAPSCREW, Hex Flange Whiz Lock, 1/4-20 x 5/8
4	1960392SM	1	SCREW, Pan Head Phillips, #10-24 x 1
5	1687054SM	1	DASHBOARD
6	1723123SM	1	ROD, Dash Support
7	1933896SM	1	NUT, Hex Lock, w/Nylon Insert, 10-24
8	1930641SM	12	NUT, Hex Flange Whiz Lock, 1/4-20, Large, Black
9	1721803CSM	1	PANEL, LH Side, Orange
9	1721803DSM	1	PANEL, LH Side, Red
10	1721808ASM	1	HINGE, LH
11	1721802CSM	1	GRILLE, Orange
11	1721802DSM	1	GRILLE, Red
12	1721810SM	1	HEADLIGHT ASSEMBLY, 4 Bulb (See Electrical Group for internal components)
13	1721809ASM	1	HINGE, RH
14	1722391ASM	1	DUCT, Air Inlet



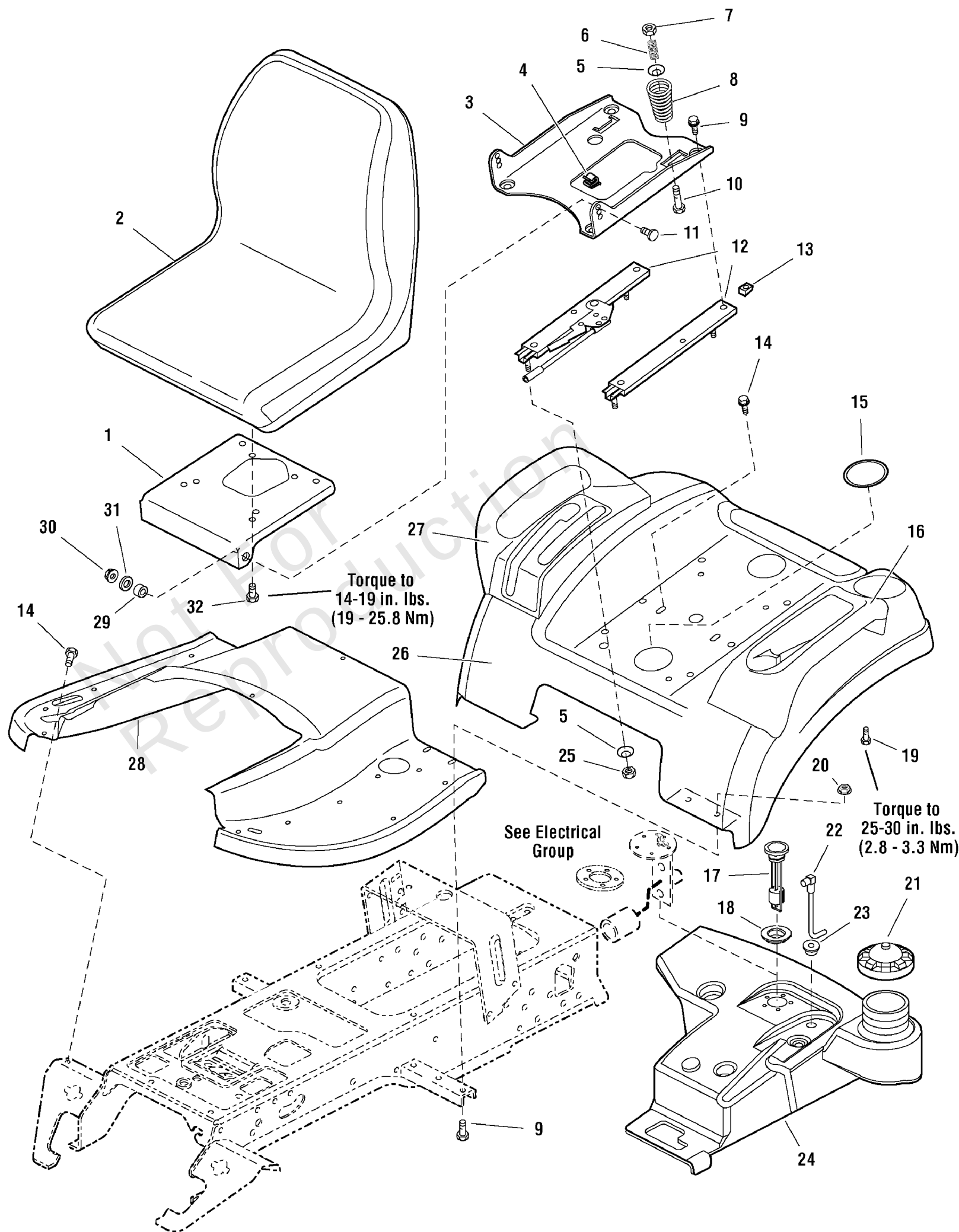
Lift Group - Manual

REF NO	PART NO	QTY	DESCRIPTION
1	1722285SM	1	COVER, Dash
2	1924940SM	2	WASHER
3	1721789SM	1	ROD
4	1722024ASM	1	ROD, Lift
5	1722302SM	1	GRIP
6	1923341SM	2	CAPSCREW, Hex Head, 1/4-20 x 3/4
7	1722108SM	1	POD, RH
8	1722313SM	1	COVER, with Lift Icon, for Models without Cruise Control
9	1722284ASM	1	QUADRANT
10	1920397SM	2	NUT, Hex Lock ESNA, 1/4-20
11	1930645SM	1	NUT, Hex Flange Lock, 3/8-16
12	1722460SM	3	PIN, Quick
13	2162085SM	1	SPRING, Compression
14	1923701SM	1	CAPSCREW, Hex Head, 3/8-16 x 2
15	1921977SM	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
16	1722491SM	1	CAM & PIN ASSEMBLY
17	1704629SM	1	SPACER
18	1960044SM	1	WASHER-0.312(0.33IDX1
19	1919438SM	1	NUT, Hex Lock, 5/16-18
20	1704756A	1	LINK
21	1722607SM	1	SCREW, Torx Head, # 8-16 x 1/2

Seat & Seat Deck Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690061



Seat & Seat Deck Group

REF NO	PART NO	QTY	DESCRIPTION
1	1722129A	1	BRACKET, 1-5/8 x 1-3/4
2	1687199	1	* SEAT, 18" Back, Optional
2	1687201	1	* SEAT, 15" Back, Standard
3	1722128A	1	SUPPORT, Seat
4	2172434	1	CLIP, Wire
5	1709256	2	WASHER, Spring, 5/16 x 1-1/4, Black
6	1714263	2	SPRING, Compression
7	1919438	10	NUT, Hex Lock ESNA Light, 5/16-18
8	1717051SM	2	SPRING, Seat
9	1930591	8	CAPSCREW, Hex Flange Whiz Lock, 5/16-18 x 3/4
10	1931339	2	CARRIAGE BOLT, 5/16-18 x 2
11	1931350	2	CARRIAGE BOLT, 3/8-16 x 1
12	1722356	1	SLIDE, Seat
13	1935255	4	NUT, Speed, Lug Type, 5/16-18
14	1930601	4	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 5/8
15	1722309	2	PLUG, Plastic
16	1729711	1	POD, with Cup Holder, LH
17	1722300	1	FUEL GAUGE
18	1722337	1	GROMMET
19	2860664	8	CAPSCREW, Hex Head Dog Point, 1/4-20 x 7/8
20	1931277	4	NUT, Hex Flange Whiz Lock, 5/16-18
21	1715917	1	CAP, Gas
22	1722340	1	TUBE & ELBOW ASSEMBLY
23	1654930	1	BUSHING, 3/8 x 9/16 x 5/8, Rubber
24	1722432	1	TANK, Fuel
25	1960636	8	NUT, Hex KEPS, 5/16-18
26	1722106C	1	DECK, Seat, Orange
26	1722106D	1	DECK, Seat, Red
27	1722108	1	POD, RH with 2 Slots
28	1722105C	1	TUNNEL, Orange
28	1722105D	1	TUNNEL, Red
29	1663752	2	SPACER, 25/64 x 5/8 x 3/16, Hardened
30	1930645	2	NUT, Hex Flange Two-Way Lock, 3/8-16
31	1924940	2	WASHER, 3/8
32	1960667	4	CAPSCREW, Hex Flange Whiz Lock Dog Point, 5/16-18 x 1

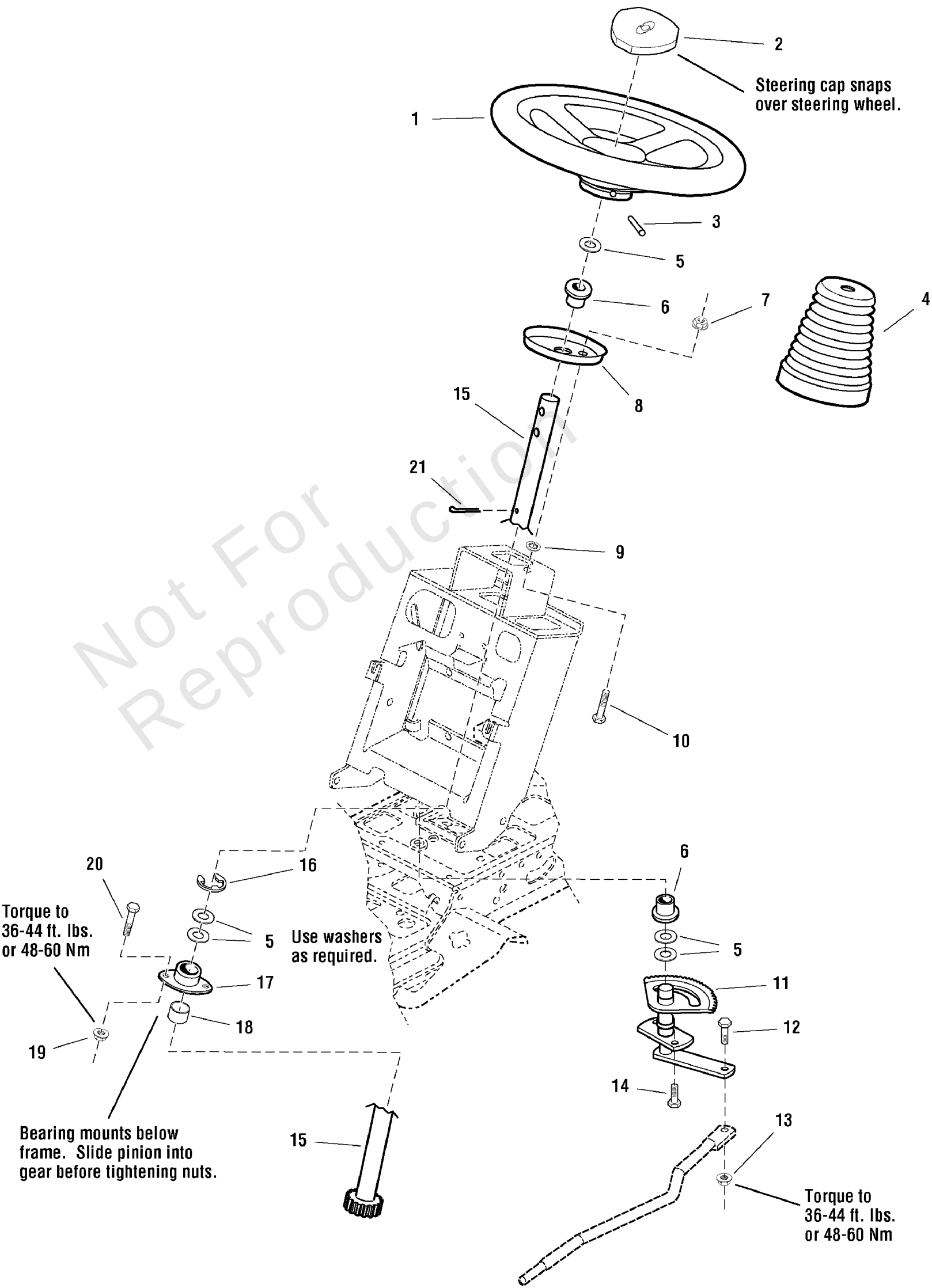
Footnotes:

Note:* Arm Rest Kit - 1686907

Steering Group - Manual Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690061



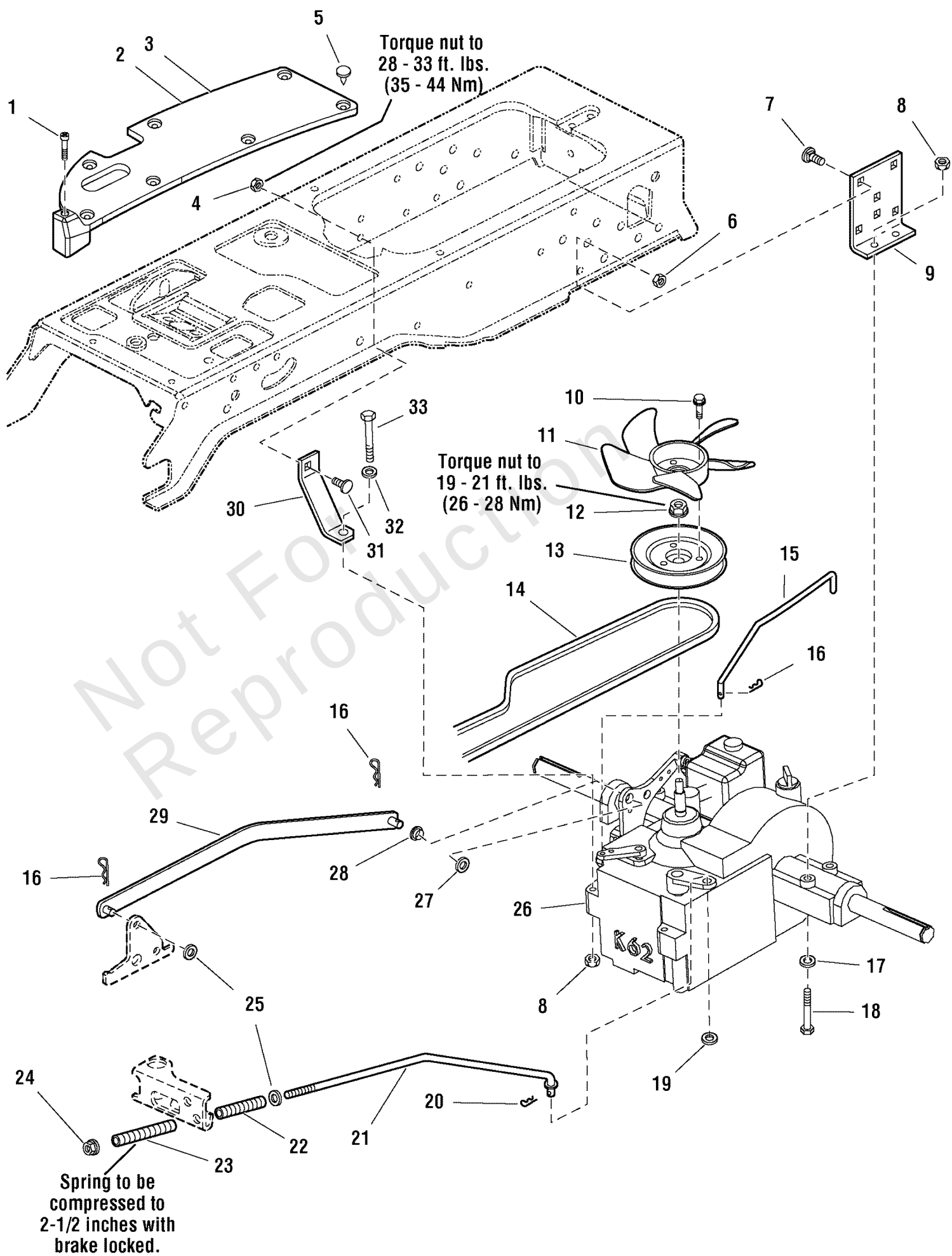
Steering Group - Manual Steering

REF NO	PART NO	QTY	DESCRIPTION
1	1722318	1	STEERING WHEEL, Straight, Shaft
2	1722319	1	CAP, Steering Wheel, Simplicity -(Decal Not Included)
2	1725024	1	CAP, Steering Wheel, Plain
3	1960540	1	PIN, Spring, 5/16 x 2-1/2
4	1722749	1	COVER, Rubber, Upper Steering Shaft
5	1960114	5	WASHER, 3/4
6	2176440	2	BUSHING, 15/32 x 7/8 x 7/8, Nylon
7	1960636	2	NUT, Hex KEPS 5/6-18
8	1721736A	1	PLATE, Mounting Steering
9	1933988	2	NUT, Push
10	1960655	2	CARRIAGE BOLT, 5/16-18 x 1-1/4
11	1724470A	1	GEAR & SHAFT ASSEMBLY, Steering
12	1960032	1	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, Black
13	1930645	1	NUT, Hex Flange Two-Way Lock, 3/8-16
14	1664847SM	2	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 3/4
15	1721626	1	SHAFT & PINION ASSEMBLY, Steering Manual
16	1611710	1	RING, Clipping Extension
17	1722459	1	BEARING, 3/4 x 1-11/16 x 13/16, 3" Long Housing
18	1722461	1	SPACER, 3/4 x 1-1/16 x 3/8, Powder Metal
19	1931211	2	NUT, Hex Flange Whiz Lock, 3/8-16, Small
20	1933260	2	CAPSCREW, Hex Flange Whiz Lock, 3/8-16 x 3/4
21	1960033	1	CLIP, Hairpin

Transmission Group - Tuff Torq K62

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690061



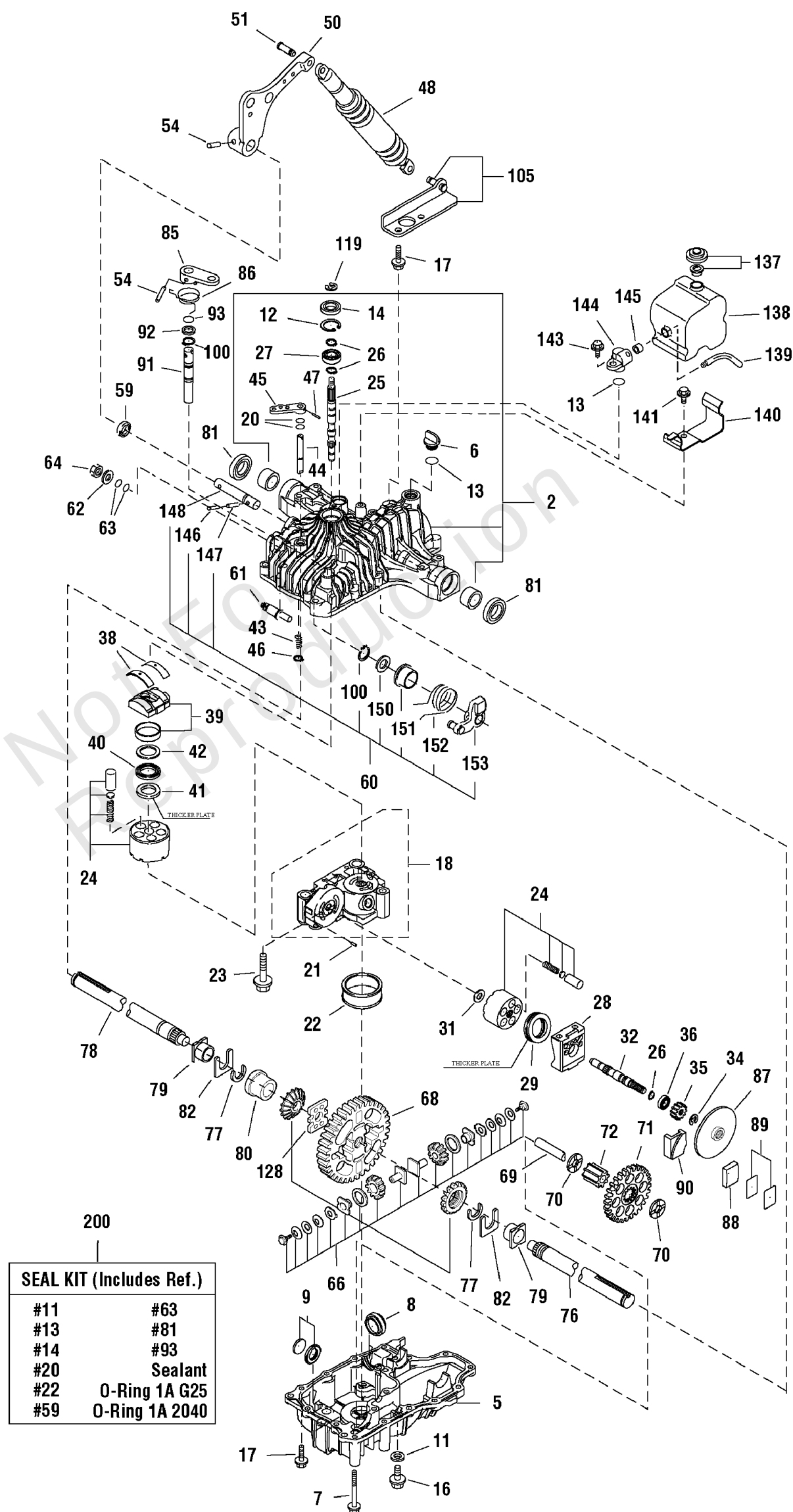
Transmission Group - Tuff Torq K62

REF NO	PART NO	QTY	DESCRIPTION
1	1960678	2	CAPSCREW, Pan Head Trox Taptite, 1/4-20 x 1-1/4, Black
2	1722345SM	1	PAD, Footrest, LH, W/O Differential Lock
3	1722173SM	1	PAD, Footrest, RH
4	1960636SM	1	NUT, Hex KEPS, 5/16-18, Black
5	1704351SM	15	FASTENER, Panel
6	1960637SM	6	NUT, Hex KEPS, 3/8-16, Black
7	1931350SM	6	BOLT, RD HD SH SQ NK
8	1960686SM	5	NUT, Hex Flange ESNA, 5/16-18, Black
9	1721728ASM	2	SUPPORT, Transmission
10	1933958SM	3	CAPSCREW, Hex Head Taptite, 1/4-20 x 1-1/4, Black
11	1719233SM	1	FAN, 5 Blades, 3 Holes
12	1719968SM	1	NUT, Hex Flange Nylock, M10-1.50
13	1723191SM	1	PULLEY & HUB ASSEMBLY
14	1722644SM	1	V-BELT, Drive
15	1722660SM	1	ROD, 1/4 x 18-5/16" Long
16	1722460SM	3	PIN, Quick
17	1919326SM	4	WASHER, 5/16
18	1923141SM	4	CAPSCREW, Hex Head, 5/16-18 x 2-3/4, Black
19	1918267SM	1	WASHER, 15/32 x 15/16, Black
20	1918447SM	1	PIN, Cotter, Black
21	1722645SM	1	ROD, 3/8 x 15-15/16" Long
22	1722684SM	1	SPRING, Compression, 3-1/4" Long, Black
23	1729277SM	1	SPRING, Compression, 3-5/8" Long, Black
24	1960687SM	1	NUT, Hex Flange ESNA, 3/8-16, Black
25	1924940SM	3	WASHER, 3/8, Black
26	1721405SM	1	TRANSMISSION ASSEMBLY, K62, W/O Pulley
27	1960027SM	1	WASHER, 1/2, Black
28	1722648SM	1	BEARING
29	1722647SM	1	CONTROL ARM ASSEMBLY
30	1721593ASM	1	STRAP, 4-1/4 LONG-BLAC
31	1931335SM	1	BOLT, Carriage, Short Neck, 5/16-18 x 1
32	1960141SM	1	WASHER, 5/16
33	1921719SM	1	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, Black

Transmission SERVICE PARTS - Tuff Torq K62K (1721405)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690061



Transmission SERVICE PARTS - Tuff Torq K62K (1721405)

REF NO	PART NO	QTY	DESCRIPTION
2	-----	1	*HOUSING, Upper
5	-----	1	*HOUSING, Lower
6	1724696SM	1	CAP, M20B
7	1718226SM	5	BOLT, 8 x 75
8	1720761SM	1	FILTER (25)
9	1718065SM	1	MAGNET
11	1720796SM	2	WASHER, SEAL
12	1708650SM	1	RING 35
13	1707786SM	2	PACKING
14	1708651SM	1	SEAL
16	1720788SM	2	BOLT 10 x 12
17	1707789SM	4	SCREW, TAPPING
18	-----	1	*CASE, Center
20	1708691SM	2	O-RING, 1A P10A
21	1718070SM	1	PIN 3 x 9.8
22	1725633SM	1	FILTER (25)
23	1724698SM	3	BOLT, 10 x 65
24	1718079SM	2	CYLINDER BLOCK
25	1724749SM	1	SHAFT, PUMP
26	1708672SM	3	RING 15
27	1718083SM	1	BEARING 6202UC3
28	-----	1	*HOUSING
29	1708675SM	1	BEARING, THRUST
31	1718084SM	1	WASHER 12 x 24 x 1
32	-----	1	*SHAFT, Motor
34	-----	1	*E-RING, Motor
35	-----	1	*GEAR, Motor
36	1724702SM	1	BEARING, 6302UC3
38	1718089SM	2	THRUST METAL
39	-----	1	*PLATE, Swash
40	1718237SM	1	BEARING K81106
41	-----	1	*THRUST PLATE A
42	1718239SM	1	THRUST PLATE B
43	1725730SM	1	SPRING
44	-----	1	*SHAFT (BYPASS)
45	1720418SM	1	LEVER, BYPASS
46	1718061SM	1	RING
47	1707839SM	1	PIN 3.0A x 20
48	1718039SM	1	SHOCK ABSORBER
50	-----	1	*LEVER, Control
51	1724705SM	1	PIN
54	1718100SM	2	PIN 6.0A x 4.0
59	1718120SM	1	SEAL TC162606
61	1721184SM	1	FULCRUM ECCENTRICITY
62	1708689SM	1	WASHER
63	1707879SM	2	PACKING
64	1708692SM	1	NUT 12
66	-----	1	*DIFFERENTIAL GEAR KIT

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)

Mfg. No: 2690061



Transmission SERVICE PARTS - Tuff Torq K62K (1721405)

REF NO	PART NO	QTY	DESCRIPTION
68	1724713SM	1	GEAR, FINAL
69	-----	1	*SHAFT, Final Pinion
70	1724715SM	2	WASHER, 15 x 32 x 3.2
71	1724753SM	1	GEAR, REDUCTION
72	1724717SM	1	PINION, FINAL
76	-----	1	*SHAFT, Axle, Left, #1
77	1720859SM	2	RING
78	1724719SM	1	SHAFT, AXLE RH #1
79	-----	2	*BUSHING
80	1724720SM	1	COLLAR, 25.4
81	1718264SM	2	SEAL S25.4 x 42 x 8
82	1720858SM	2	THRUST WASHER
85	1724721SM	1	ARM, BRAKE
86	1724722SM	1	SPRING, BRAKE
87	1724723SM	1	DISC, Brake
88	-----	1	*SHOE, Brake
89	1724725SM	1	SHIM SET
90	1724726SM	1	ACTUATOR, BRAKE
91	-----	1	*SHAFT, Brake, HL #10
92	1724728SM	1	WASHER, 16 x 23 x 1.6
93	1708690SM	1	PACKING
100	1707912SM	2	RING
105	1724704SM	1	STAY
119	1718076SM	1	RING E15
137	1724740SM	1	VALVE, VENT 15
138	1724742SM	1	TANK, RESERVOIR
139	-----	1	*PIPE, 8
140	-----	1	*BRACKET, Tank
141	1707890SM	3	SCREW, TAPPING
143	1724695SM	1	BOLT, 8 x 20
144	-----	1	*FITTING
145	1724745SM	1	SEAL, 8
146	1724707SM	1	PIN 3.5 x 25
147	1718097SM	1	PIN 6.0A x 25
148	-----	1	*SHAFT, Control
150	-----	1	*WASHER 17 x 30 x 1
151	-----	1	*COLLAR, Control
152	-----	1	*SPRING, Torsion
153	-----	1	*ARM, Control
200	1731977YP	1	KIT, Seal
201	-----	1	*KIT, Repair

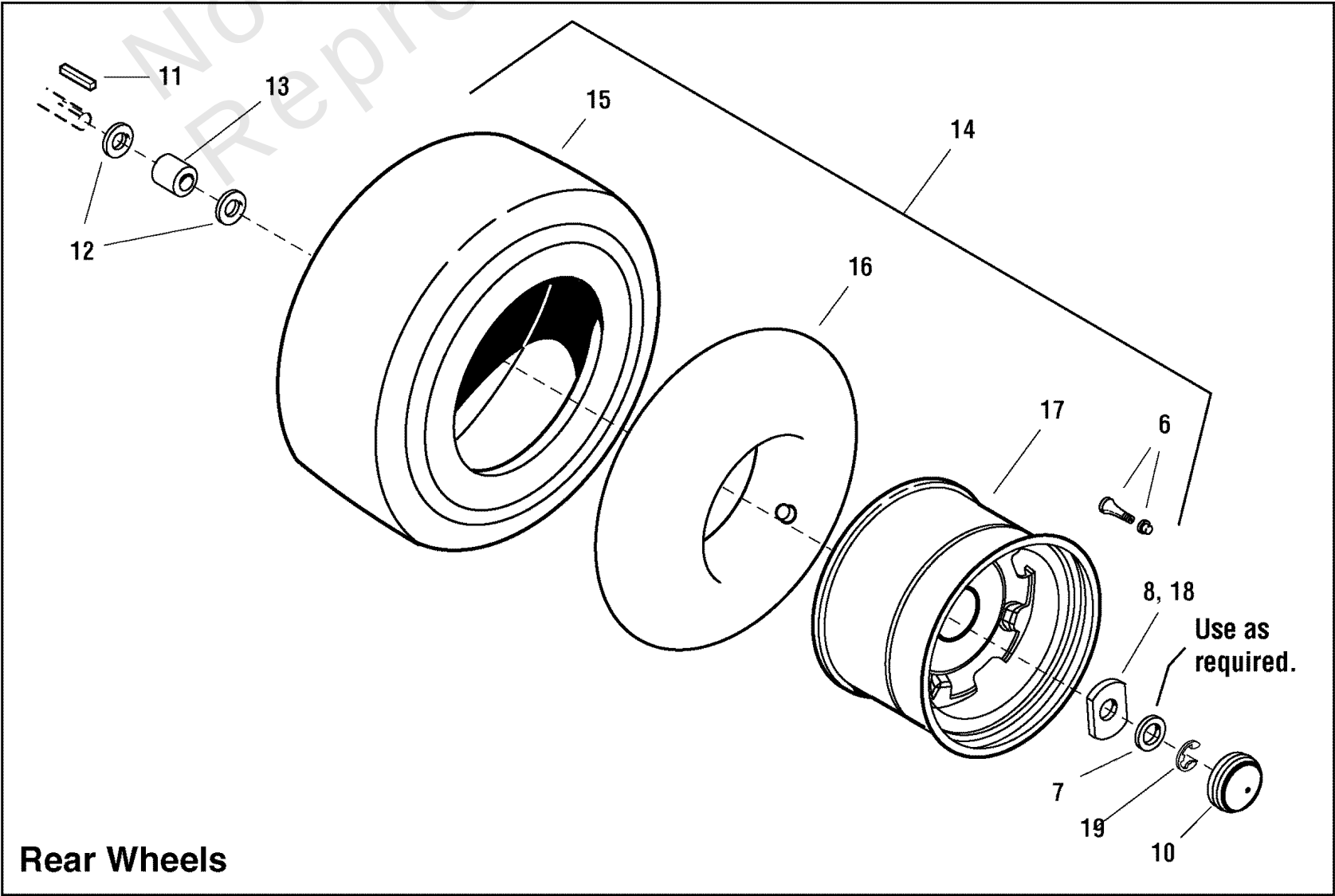
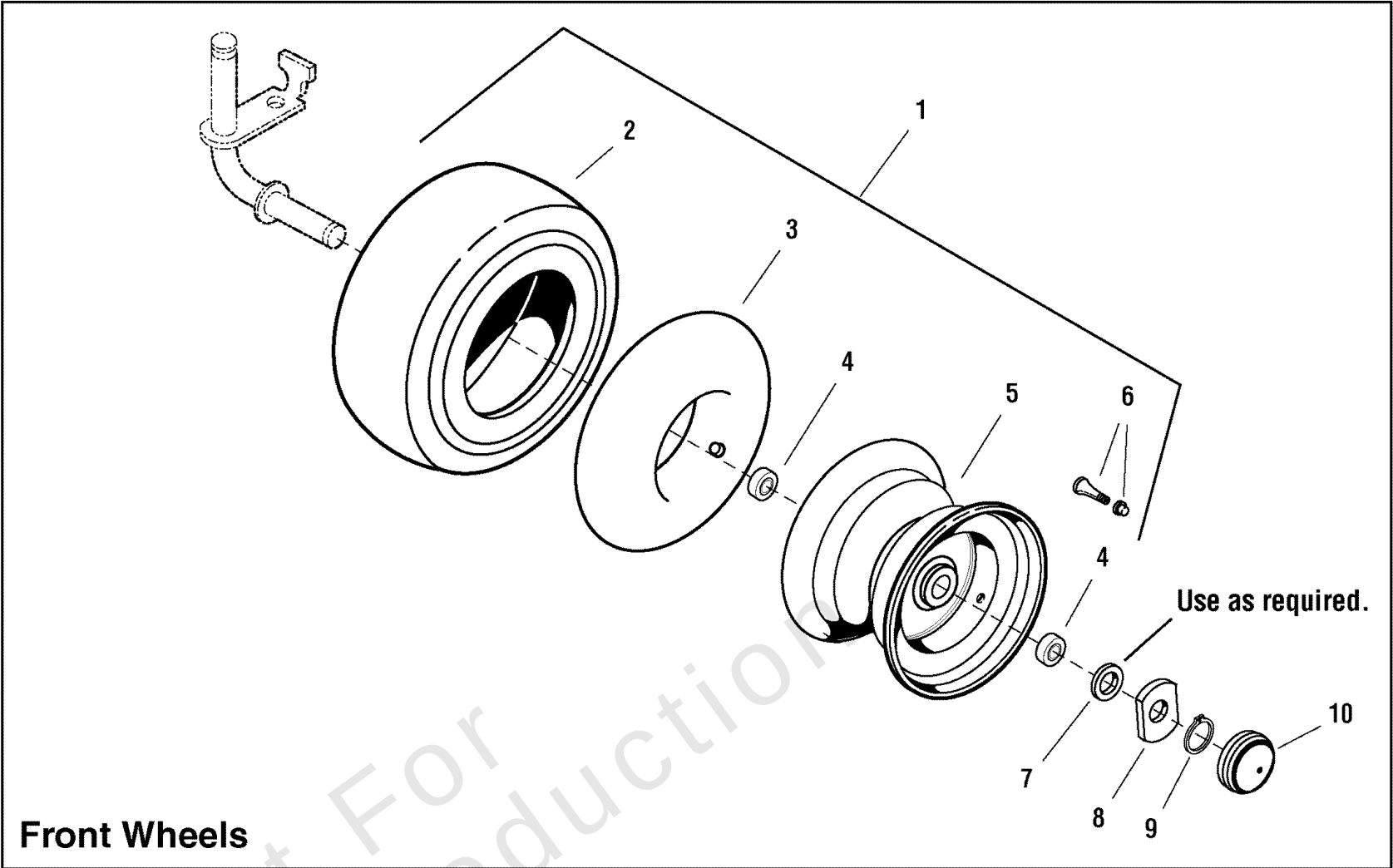
Footnotes:

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: 2690061



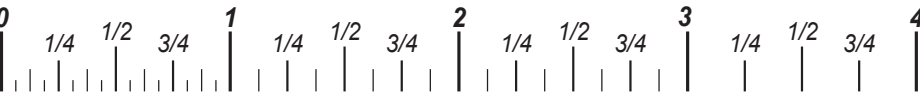
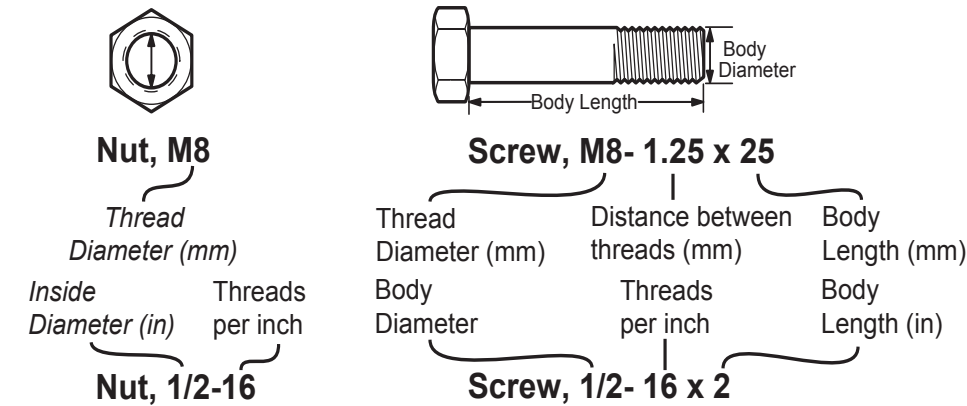
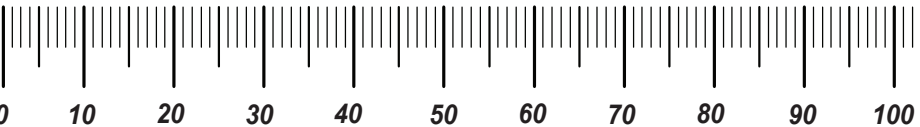
Wheels & Tires Group

REF NO	PART NO	QTY	DESCRIPTION
1	1722065SM	2	WHEEL & TIRE ASSEMBLY, Front, (Includes Ref. Nos. 2, 3, 4, 5, & 6)
2	1722838SM	1	TIRE, 15 x 6, Super Turf
3	1664090SM	1	TUBE, Tire, Front, 4.10/3.50
4	1717056SM	2	BEARING, Ball
5	1722837SM	1	WHEEL, 4-1/2" x 6"
6	2172353SM	4	VALVE STEM & CAP ASSEMBLY
7	1919394SM	4	WASHER, 1, (As Required for All Front, As Required for K62 Rear)
8	1722726SM	4	WASHER, Special, (As Required for All Front, As Required for K62 Rear)
9	2832577SM	2	RING, Retainer
10	1722676SM	4	CAP, Hub, Gray
11	2105337SM	2	KEY, Hi Pro 1/4 x 2 (Units with K62)
11	1729279SM	2	KEY, Parellel, 3/16 x 3/16 x 1-1/2 (Units with K57)
12	2860200SM	4	WASHER, 1, (Units with K62)
12	2860202SM	4	WASHER, 3/4 (Units with K57)
13	1701873SM	2	SPACER, (Units with K62)
13	1709527SM	2	SPACER, (Units with K57)
14	1721694SM	2	WHEEL & TIRE ASSEMBLY, (Units with K57 - Includes Ref. Nos. 6, 15, 16 & 17)
14	1722827SM	2	WHEEL & TIRE ASSEMBLY, (Units with K62 - Includes Ref. Nos. 6, 15, 16 & 17)
15	1722826SM	1	TIRE-20X10-8 SUPER TU
16	2173477SM	1	TUBE, Tire, 20 x 8, Rear
17	1723349SM	1	WHEEL, 7 x 7.96, W/ 1 OD Shaft (Units with K62)
17	1722835SM	1	WHEEL, 7 x 7.96, W/ 3/4 OD Shaft (Units with K57)
18	1722717SM	2	WASHER, Special, (Units with K57)
19	2827794SM	2	KLIPRING, .75 Dia Shaft
19	2834712SM	2	RING, "E" External, (Units with K62)

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).

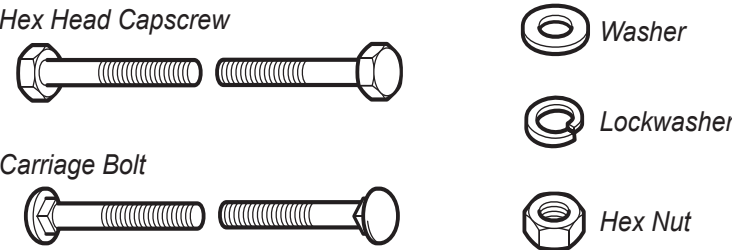
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

