



Parts Manual

Mfg. No: 2690242

Prestige, 20HP Hydro, w/PS and 50"
Mower Deck (CE/Export)

1694174 - 50" Mower Deck (CE/Export).....	
1694582 - Prestige, 20HP Hydro, w/PS (CE/Export).....	

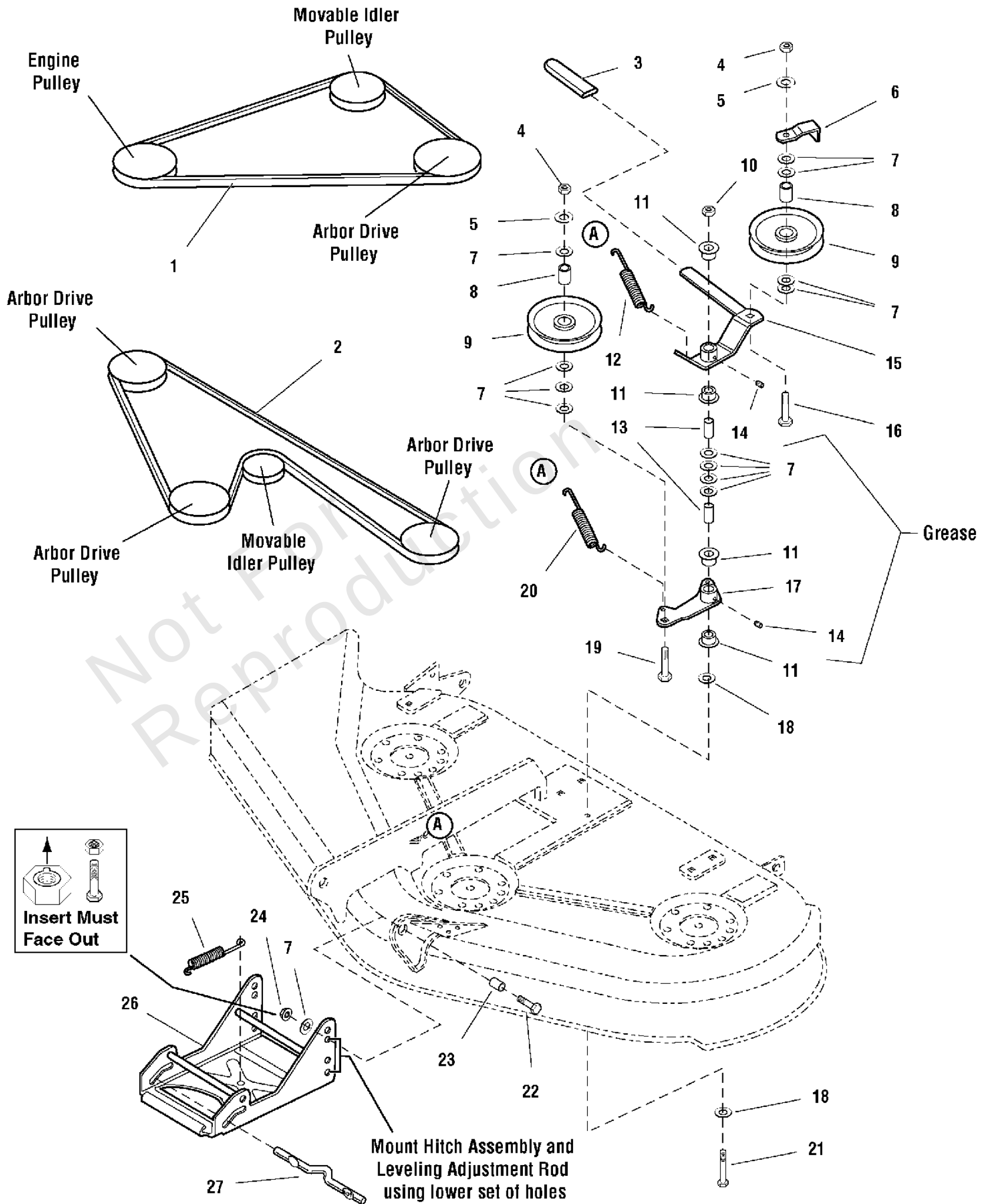
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Reproduction

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50" Mower Deck - Clutch & Support Group

Note: Unless noted otherwise, use the standard torque specifications

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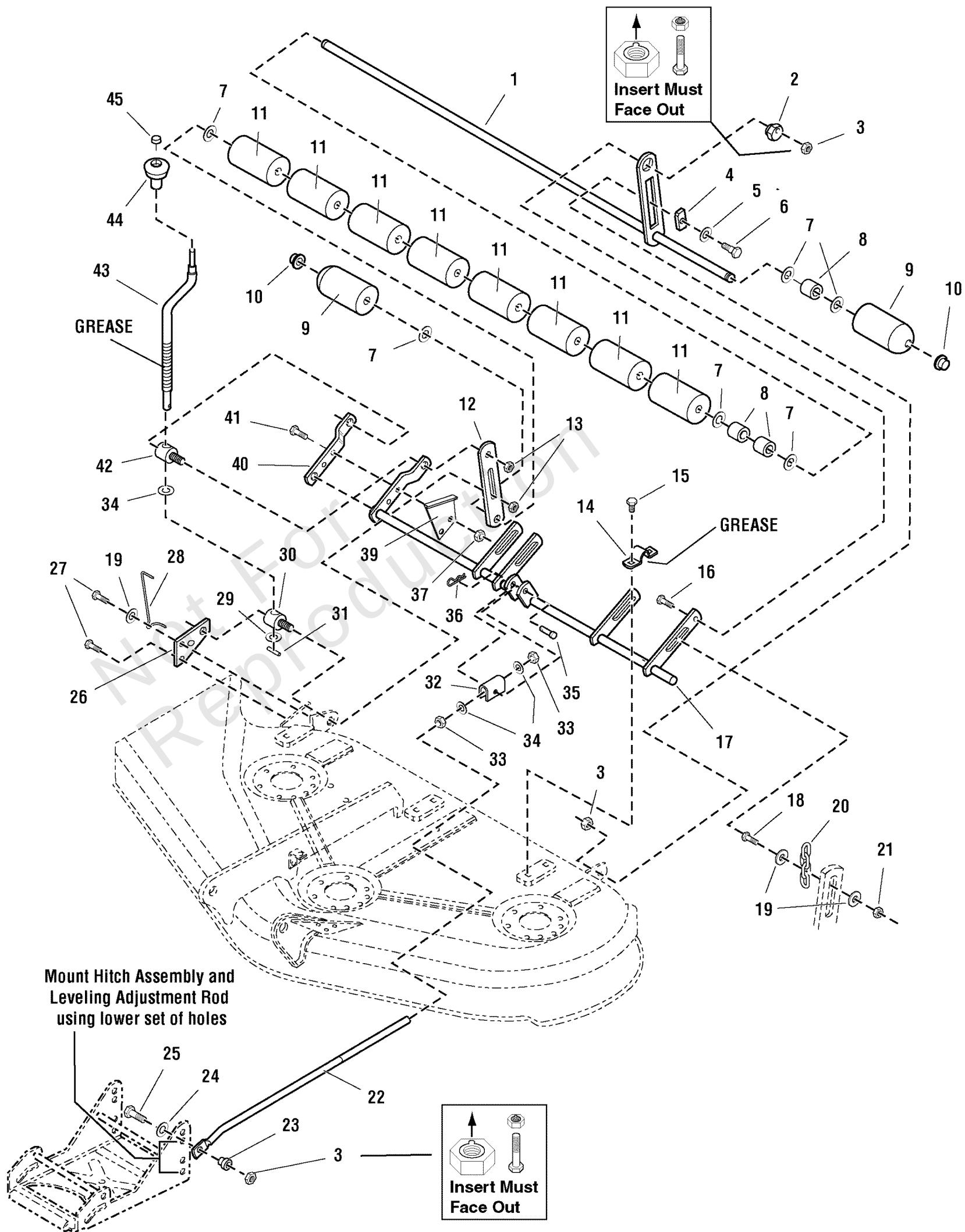
50" Mower Deck - Clutch & Support Group

REF NO	PART NO	QTY	DESCRIPTION
1	1707740	1	V-BELT, Mower Drive
2	1703836	1	V-BELT, Arbor Drive
3	1665835	1	GRIP, Lever
4	1916950	2	NUT, Hex, 3/8-16
5	1916965	2	WASHER, Lock, 3/8
6	1677135A	1	BELT STOP, Idler
7	1924940	14	WASHER, 3/8
8	1716553	1	HUB, 25/64 x 3/4 x 63/64, Powder Metal
9	1685150	2	PULLEY, Idler -(Includes Ref. No. 8)
10	1960339	1	NUT, Hex Flange, 3/8-16, MAC Lock Large, Black
11	1676148	4	BUSHING, 5/8 x 3/4 x 13/32, Powder Metal
12	1715435	1	SPRING
13	1674669	2	SPACER, 25/64 x 5/8 x 1-1/8, Case Hardened
14	2812808	2	GREASE FITTING
15	1704658	1	LEVER ASSEMBLY, Idler -(Includes Ref. Nos. 11 & 14)
16	1960315	1	CARRIAGE BOLT, 3/8-16 x 2
17	1718561	1	LEVER ASSEMBLY, Idler Arm -(Includes Ref. Nos. 11 & 14)
18	1924356	2	WASHER, 3/8, Black
19	1931352	1	CARRIAGE BOLT, 3/8-16 x 1-1/2
20	1656936	1	SPRING
21	1923938	1	CAPSCREW, Hex Head, 3/8-16 x 3-1/2
22	1921968	2	CAPSCREW, Hex Head, 3/8-16 x 1-3/8
23	2157081	2	SPACER, 3/8 x 3/4 x 1/2
24	2860681	2	NUT, Hex Aluminum Insert Lock, 3/8-16
25	2156302	1	SPRING
26	1707432A	1	HITCH ASSEMBLY
27	1715759	1	ROD, Latch

50" Mower Deck - Height Adjustment & Roller Bar

Note: Unless noted otherwise, use the standard torque specifications

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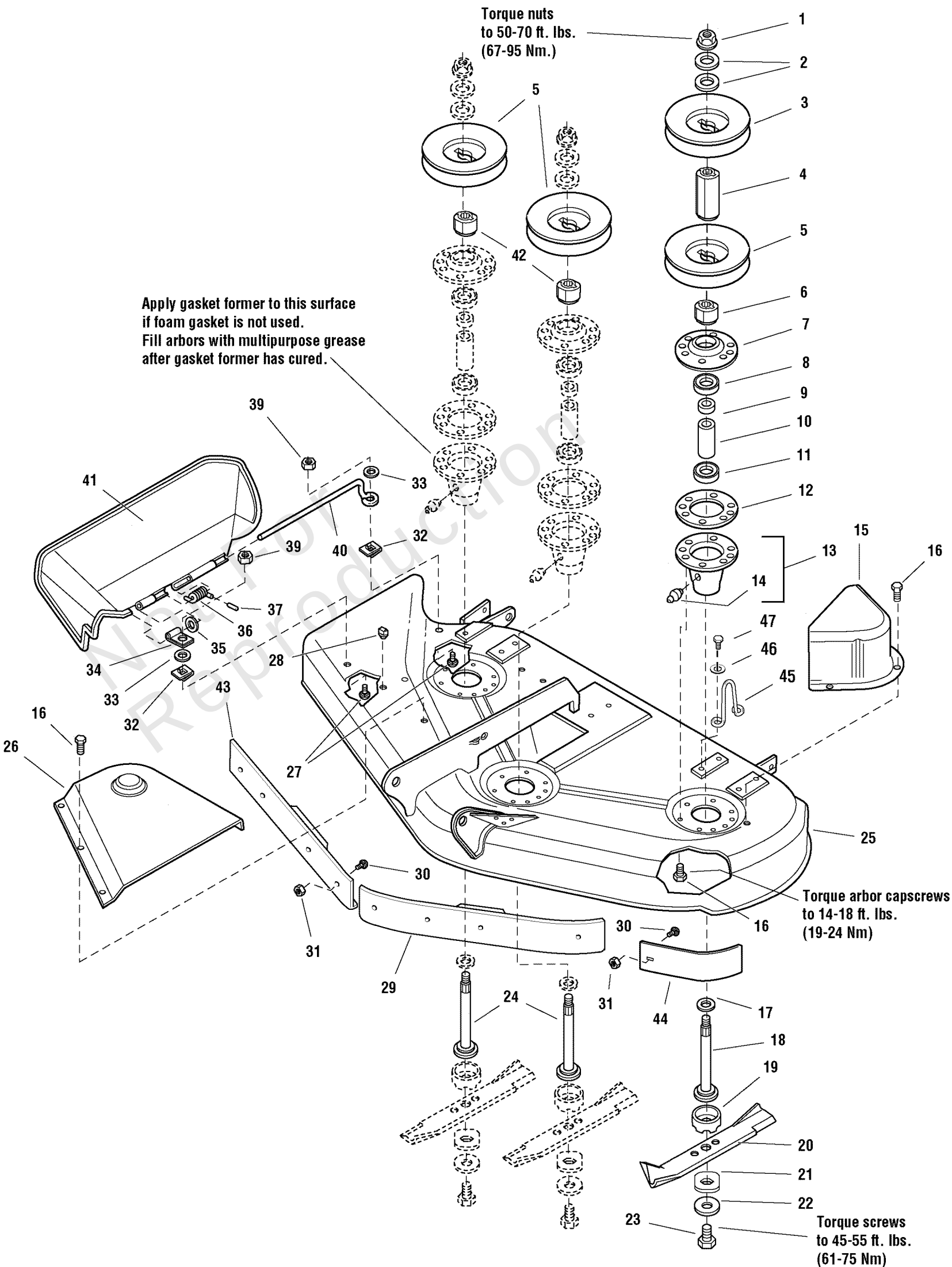
50" Mower Deck - Height Adjustment & Roller Bar

REF NO	PART NO	QTY	DESCRIPTION
1	1686687SM	1	SHAFT ASSEMBLY, Roller, 50", (Includes Ref. No. 10)
2	1704082SM	1	NUT, Hex Adjusting, 11/16
3	2860681SM	3	NUT, Hex Flange, 3/8-16
4	1677507SM	1	SLIDE
5	1924361SM	1	WASHER, Plain, 1/2
6	2172622SM	1	BOLT, Shoulder, 3/8-16 X 1.34, 1/2 Shoulder
7	1924366SM	8	WASHER, 5/8
8	1709195SM	3	SPACER, .66 X 7/8 X 1 1/4
9	1722036SM	2	ROLLER, Rounded, 4.1 LG, 650 ID, 2.50 OD Rounded End
10	1960520SM	2	NUT, Push, 5/8
11	1668513SM	8	ROLLER, .652 ID, 2.50 OD, 4.10 LG
12	1704074ASM	1	BAR, Roller
13	1930644SM	2	NUT-HEX FLANGE 1/2-1
14	1665374SM	3	STRAP-1.00WD 3.06LG .
15	1664847SM	6	CAPSCREW, Hex Head Taptite, 5/16 -18 x 3/4
16	1931352SM	1	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
17	1718828ASM	1	ARM ASSEMBLY, Mower
18	1930570SM	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, G8, 1/2 Thread
19	1919381SM	5	WASHER, 5/16, Black
20	1708088ASM	2	CHAIN-LINK 06.08 - BL
21	1919438SM	2	NUT, Hex Lock ESNA Light, 5/16-18, Black
22	1722995SM	1	ROD, Adjustment
23	1706644SM	1	SPACER, 3/8X3/4X15/16
24	1924940SM	1	WASHER, 3/8
25	1922606SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
26	1704080ASM	1	PLATE, Mower Support
27	1931202SM	2	CAPSCREW, Hex Head Taptite, 5/16-18 x 1-1/4
28	1704114SM	1	INDICATOR, Cutting Height
29	1704097SM	1	WASHER, Detent
30	1704086SM	1	TRUNNION
31	2816001SM	1	PIN-SPRING .188 X 1.0
32	1706645ASM	1	TRUNNION-2.00WD-BLACK
33	1915726SM	2	NUT, Hex, Jam, 1/2-13
34	1960170SM	1	WASHER, 11/32
35	2118053SM	1	PIN, Clevis
36	1960074SM	1	CLIP, HAIR PIN .093DI
37	1931277SM	2	NUT, Whiz Lock, 5/16-18
39	1704116ASM	1	BRACKET-HEIGHT OF CUT
40	1704083ASM	1	ARM, Rear, Mower, RH
41	1921977SM	2	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
42	1704087SM	1	TRUNNION, Threaded
43	1719901SM	1	CRANK, Height Adjustment
44	1714084SM	1	KNOB, Height Crank
45	1960093SM	1	PAL NUT

50" Mower Deck - Housing, Arbors & Blades Group

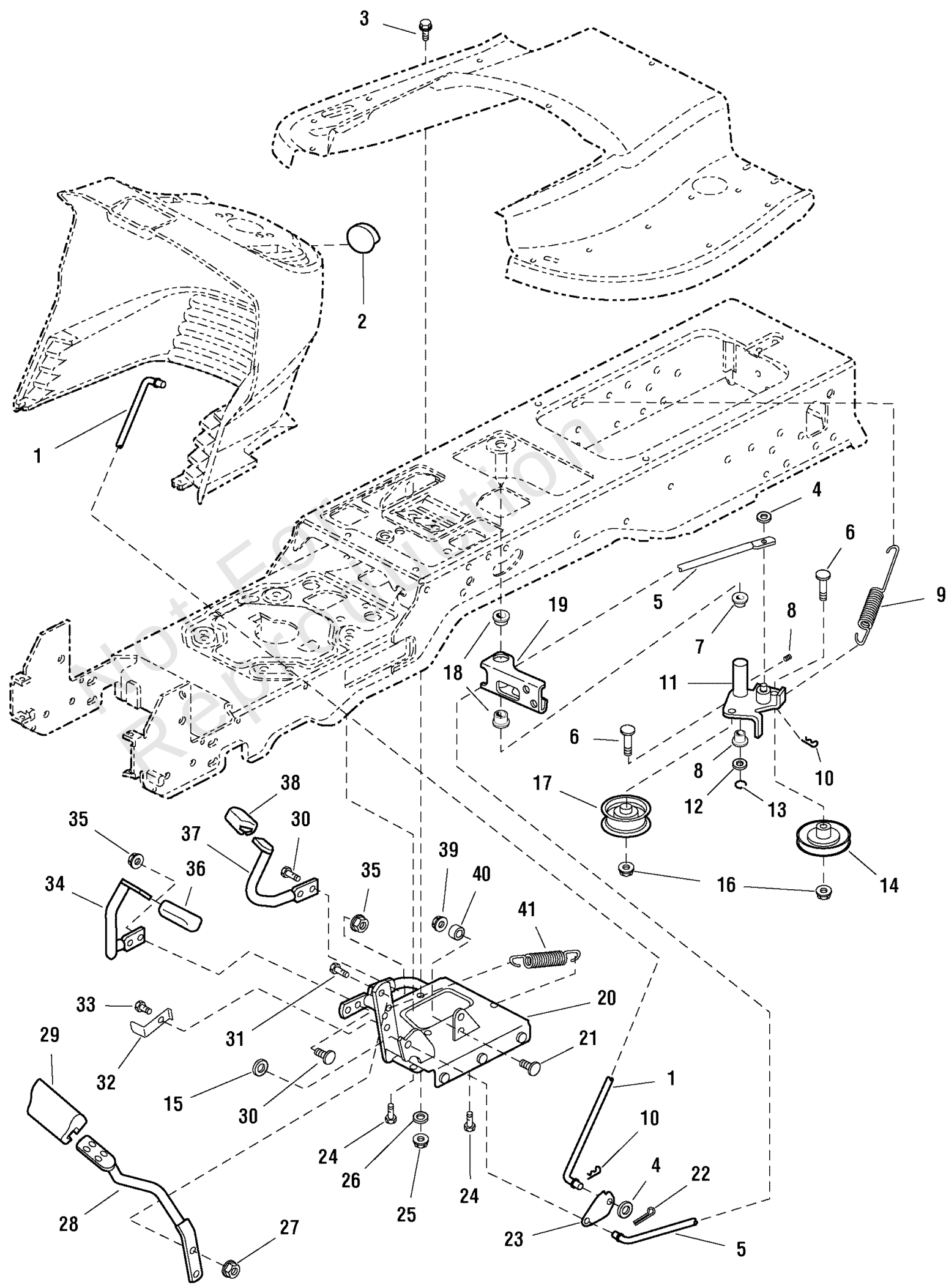
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50" Mower Deck - Housing, Arbors & Blades Group

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	1713161SM	1	PULLEY, LH, .49" Shallow-Groove OD 4.5"
4	1713158SM	1	HUB, Double Pulley
5	1713098SM	3	PULLEY, .49" Shallow-Groove OD 4.25"
6	1713533SM	1	HUB, Double Pulley
7	1655729ASM	3	HOUSING-ARBOR TOP - B
8	2108202SM	3	BEARING, BALL
9	1715724SM	3	SPACER, 21/32 x 3/4 x 5/8
10	1732544SM	3	SPACER, 11/16 x 5/32 x 2-11/16
11	1705897SM	3	BEARING, BALL 11/16X1
12	1707335SM	3	GASKET, Foam
13	1713338ASM	3	HOUSING ASSEMBLY, Arbor Bottom, w/Lube Fitting -(Includes Ref. No. 14)
14	1704314SM	3	LUBE FITTING, .250 DR
15	1720560ASM	1	COVER, Arbor
16	1664847SM	26	CAPSCREW, Hex Head Taptite, 5/16-18 x 3/4
17	1713619SM	3	WASHER, Bellevilled, 9/16, Black
18	1713612SM	1	SHAFT, Arbor (LH)
19	1713196SM	3	SHIELD, Grass, Lower
20	1708229ASM	3	BLADE, Mower, 18-1/8
21	1713089SM	3	WASHER, Hex, 11/16 x 2
22	1656916SM	3	WASHER, SPRING 0.475I
23	2823471SM	3	CAPSCREW, Hex Head, 7/16-14 x 1
24	1713195SM	2	SHAFT, Arbor (Center & RH)
25	1685495SM	1	MOWER HOUSING ASSEMBLY, 50" Mower (Orange)
25	1687155SM	1	MOWER HOUSING ASSEMBLY, 50" Mower (Red)
26	1715673SM	1	COVER, Arbor
27	1931318SM	2	BOLT, Carriage, 1/4-20 x 7/8
28	1705115SM	1	PLUG, Hole
29	1716870ASM	1	BAFFLE, Anti-Blowout, LH -(CE/Export)
30	1931333SM	2/11	CARRIAGE BOLT, 5/16-18 x 3/4
31	1927557SM	2/11	NUT, Hex, Whizlock, 5/16-18
32	1960518SM	2	NUT, Push
33	1960353SM	2	WASHER, 1/4, Black
34	1704873SM	1	CLAMP, WIRE, .312DIA
35	1919326SM	1	WASHER, 5/16
36	7101082SM	1	SPRING
37	1723323SM	1	CAP, Spring End
39	1920397SM	2	NUT, Hex, 1/4-20 ESNA
40	1706709SM	1	ROD-.283DIA 11.65LG D
41	1705449SM	1	DEFLECTOR, Plastic
42	1713197SM	2	HUB, Pulley, Center & RH
43	1716869ASM	1	BAFFLE, Anti-Blowout, RH -(CE/Export)
44	1724538ASM	1	BAFFLE, Blowout, Short
45	1719929SM	1	UPSTOP
46	1924940SM	2	WASHER
47	1664847SM	1	CAPSCREW, Taptite 5/16-18 x 3/4



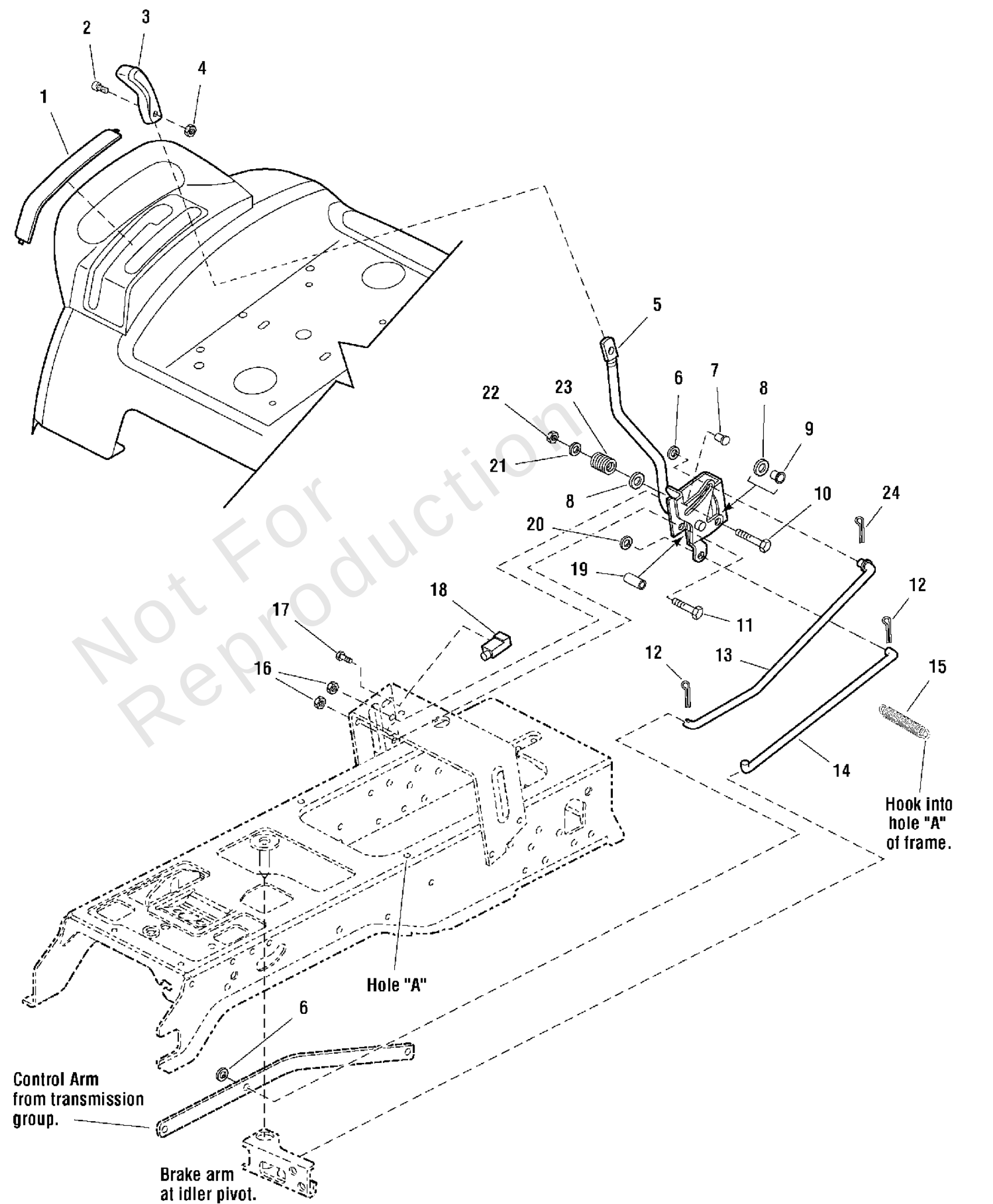
Controls Group

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

Controls Group - Cruise Control

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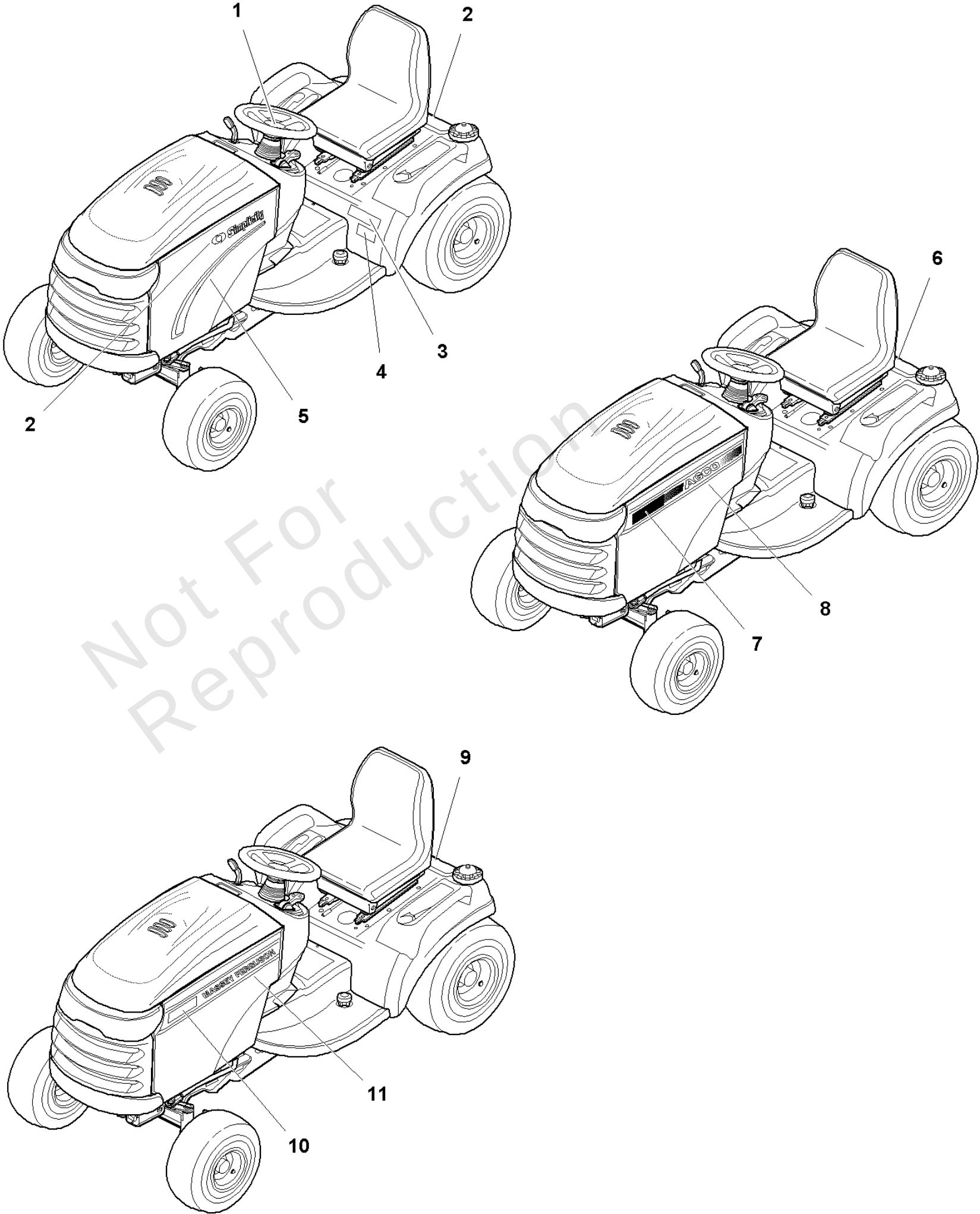
Controls Group - Cruise Control

REF NO	PART NO	QTY	DESCRIPTION
1	1722314SM	1	COVER, w/Cruise Icon
2	1960666SM	1	SCREW, Torque Head Plus Socket Head, 1/4-20 x 7/8
3	1722303SM	1	HANDLE, SHIFT
4	703232	1	NUT, 1/4-20, NYLOCK
5	1722003SM	1	LEVER ASMY-CRUIS
6	1960103SM	2	WASHER, 3/8"
7	1931333SM	1	BOLT, Carriage, 5/16-18 x 3/4
8	1924361SM	2	WASHER, 1/2
9	1709043SM	1	SPACER, w/Flange, 11/32 x 15/32 x 3/4
10	1931342SM	1	BOLT, Carriage, 5/16-18 x 2-3/4
11	1960273SM	1	BOLT, Carriage, 5/16-18 x 2-1/4
12	1722460SM	2	PIN, Quick
13	1722117SM	1	ROD, Cruise
14	1733719SM	1	ROD, Return
15	2159106SM	1	SPRING, Cruise Return to Frame
16	1960636SM	2	NUT, Hex KEPS, 5/16-18
17	1960001SM	2	CAPSCREW, Hex Washer Head Plastite, 10-14 x 5/8
18	1717050SM	1	SWITCH-PUSH BUTT
19	1722080SM	1	SPACER, 11/32 x 5/8 x 1-13/32
20	1919326SM	1	WASHER, 5/16
21	1919381SM	1	WASHER, 5/16, Black
22	1919438SM	1	NUT, Hex Lock ESNA Light, 5/16-18
23	1677746SM	1	SPRING, Compression
24	1918447SM	1	PIN, Cotter

Decals Group - Brand & Model

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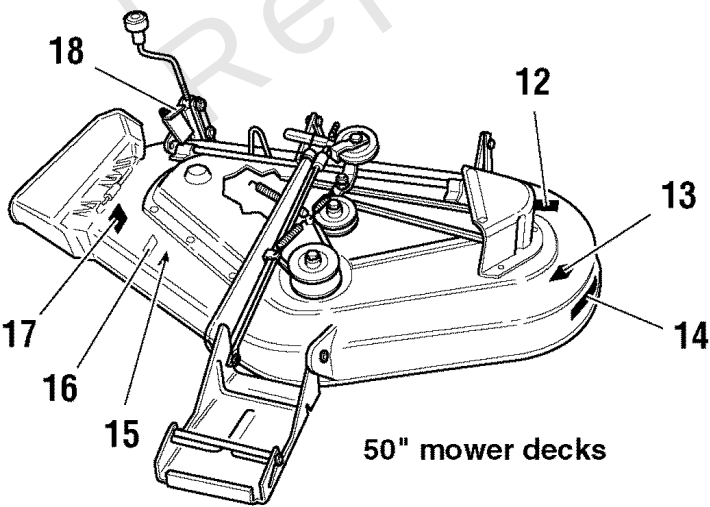
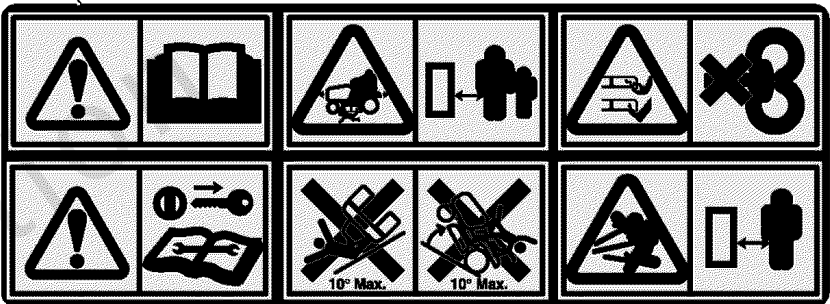
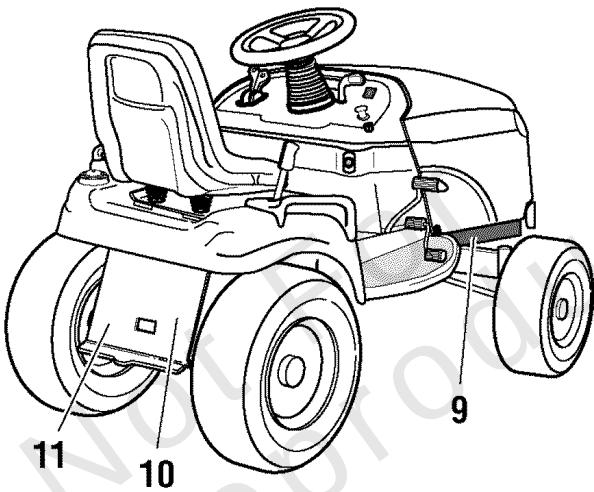
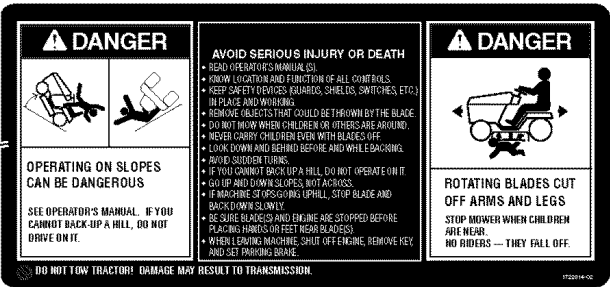
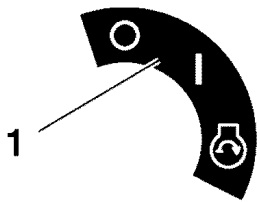
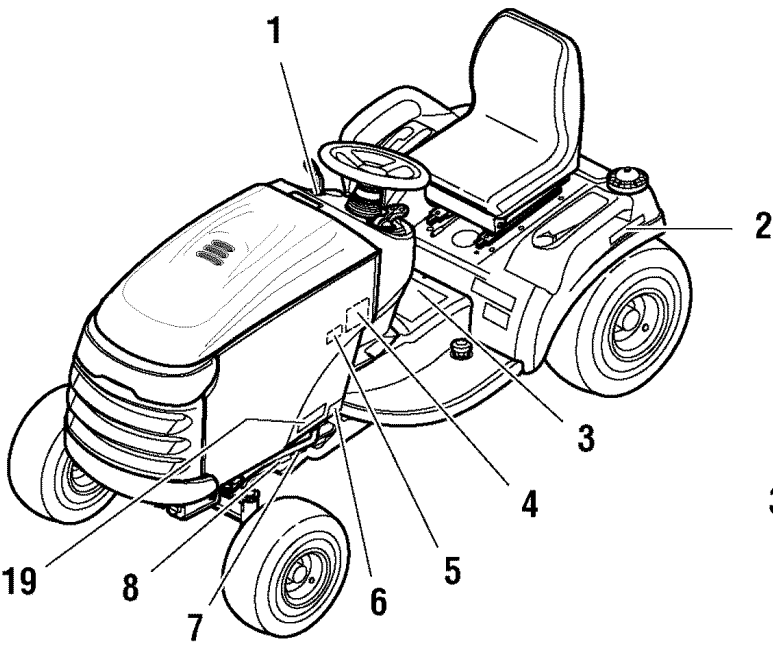
Decals Group - Brand & Model

REF NO	PART NO	QTY	DESCRIPTION
1	1717692SM	2	DECAL, ICON Simplicity, 1 1/4 x 2 3/4, Orange
2	1722551SM	3	DECAL, Simplicity, Silver & Blue with Icon
3	1722821SM	1	DECAL, PRESTIGE, Silver & Blue
4	1722780SM	1	DECAL, 20HP, Silver
4	1722781SM	1	DECAL, 23HP, Silver
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	1722798SM	2	DECAL, 1820 White, AGCO
7	1722799SM	2	DECAL, 1823, 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	1722804SM	2	DECAL, 2820, Black, Massey Ferguson
10	1722805SM	2	DECAL, 2823, Black, Massey Ferguson
11	1722815SM	1	DECAL, Hood Stripe, LH, Massey Ferguson
11	1722816SM	1	DECAL, Hood Stripe, RH, Massey Ferguson

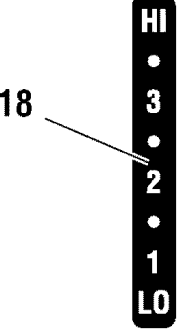
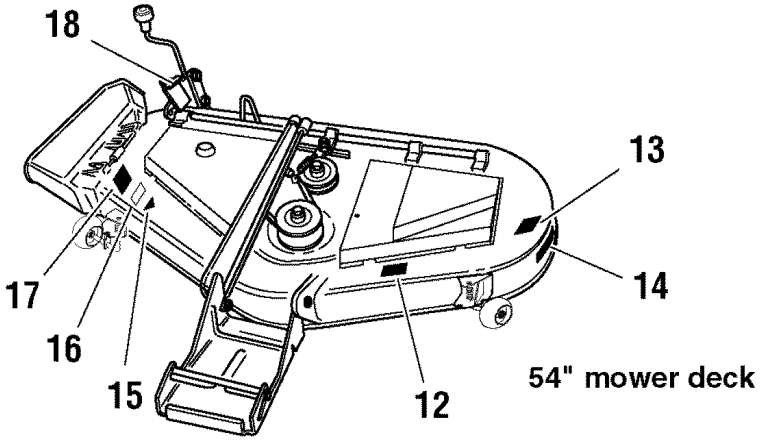
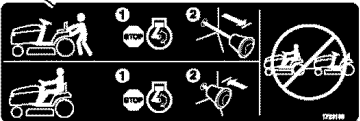
Decals Group - Safety & Common

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MOWER BELTS & BLADES		
58" Mower		
Drive Belt	1710854	
Mower Blade - Left	1704888	
Mower Blade - Right	1704101	
48" Mower		
Drive Belt	1801872	
Deck Drive Belt	1870231	
Mower Blade - Left	1704888	
Mower Blade - Right	1704101	
44" Mower		
Drive Belt	1801872	
Deck Drive Belt	1870231	
Mower Blade	1704888	
50" Mower		
Drive Belt	1710854	
Mower Blade - Left	1704888	
Mower Blade - Right	1704101	
64" Mower		
Drive Belt	1801872	
Deck Drive Belt	1870231	
Mower Blade - Left	1704888	
Mower Blade - Right	1704101	



Decals Group - 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	1722814SM	1	DECAL, Tunnel Cover, Danger Slopes/Blades
3	1723175SM	1	DECAL, Tunnel Cover, Danger Slopes/Blades, (Export)
4	1725158SM	1	DECAL, Drive Belts, Mower Blades
5	1720454SM	1	DECAL, Touch Up Paint, Deep Orange
5	1725072SM	1	DECAL, Touch Up Paint, Red
6	1723296SM	2	DECAL, Protective Sticker
7	-----	1	DECAL, I.D. Plate
8	-----	1	LABEL, Decibel, Power Mass (Export Only)
9	-----	1	DECAL, Patent
10	1723160SM	1	DECAL, Transmission Release Valve
11	1708927	1	DECAL, USA Logo Stars & Stripe
12	-----	1	DECAL, I.D. Plate
13	1704277SM	1	DECAL, Danger Do Not Operate Without Deflector
14	1722771SM	1	DECAL, Free Floating Mower, Silver
15	-----	1	DECAL, OPEI Certified
16	1722790SM	1	DECAL, 50", Silver on Black with Stripe
16	1722791SM	1	DECAL, 54", Silver on Black with Stripe
17	1704276SM	1	DECAL-DANGER DO NOT P
18	1721197SM	1	DECAL, 1 2 3 4 5 6, Height of Cut
19	1716518SM	2	DECAL, Power Steering

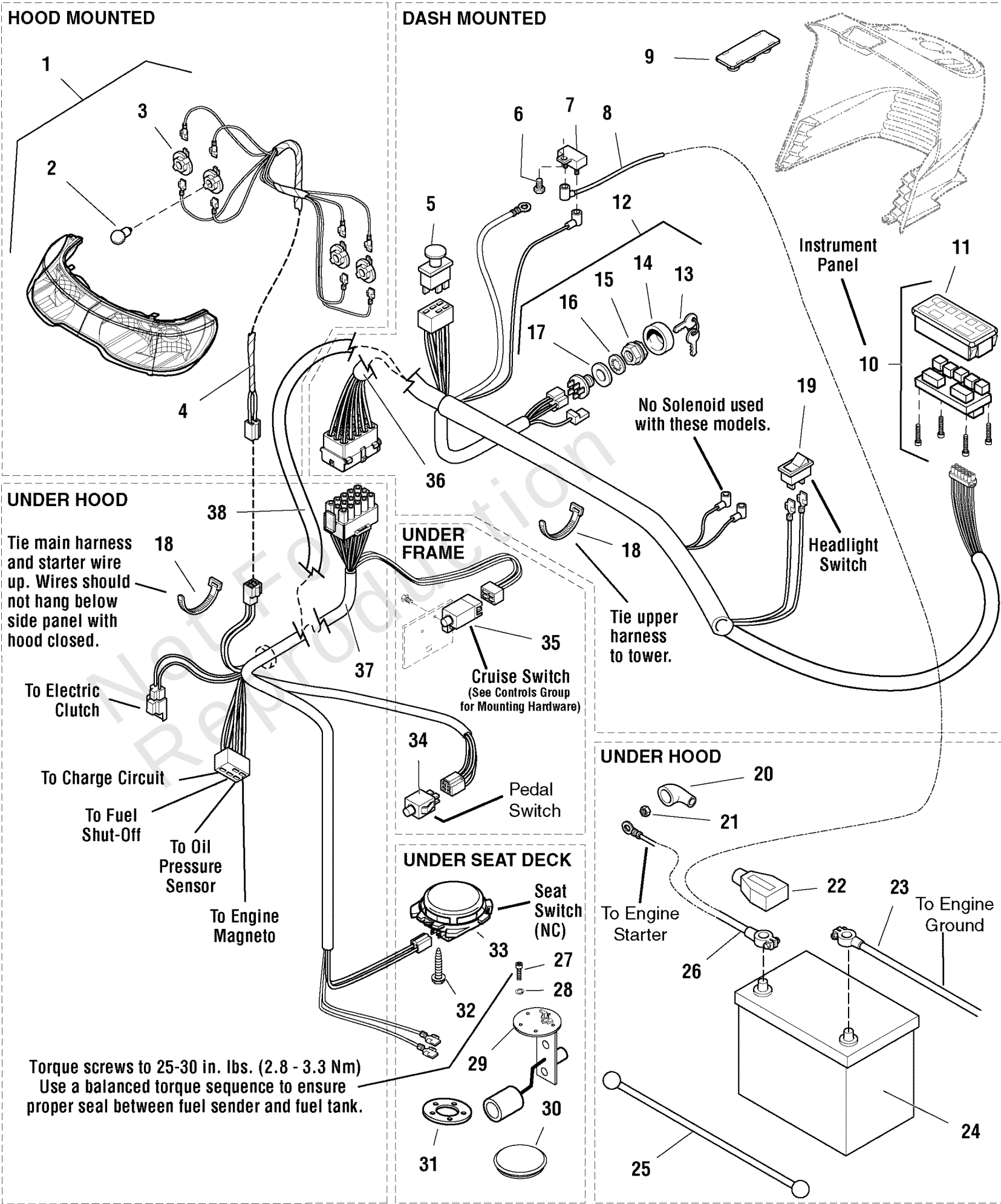
Footnotes:

Note:* Not a service part.

Electrical Group

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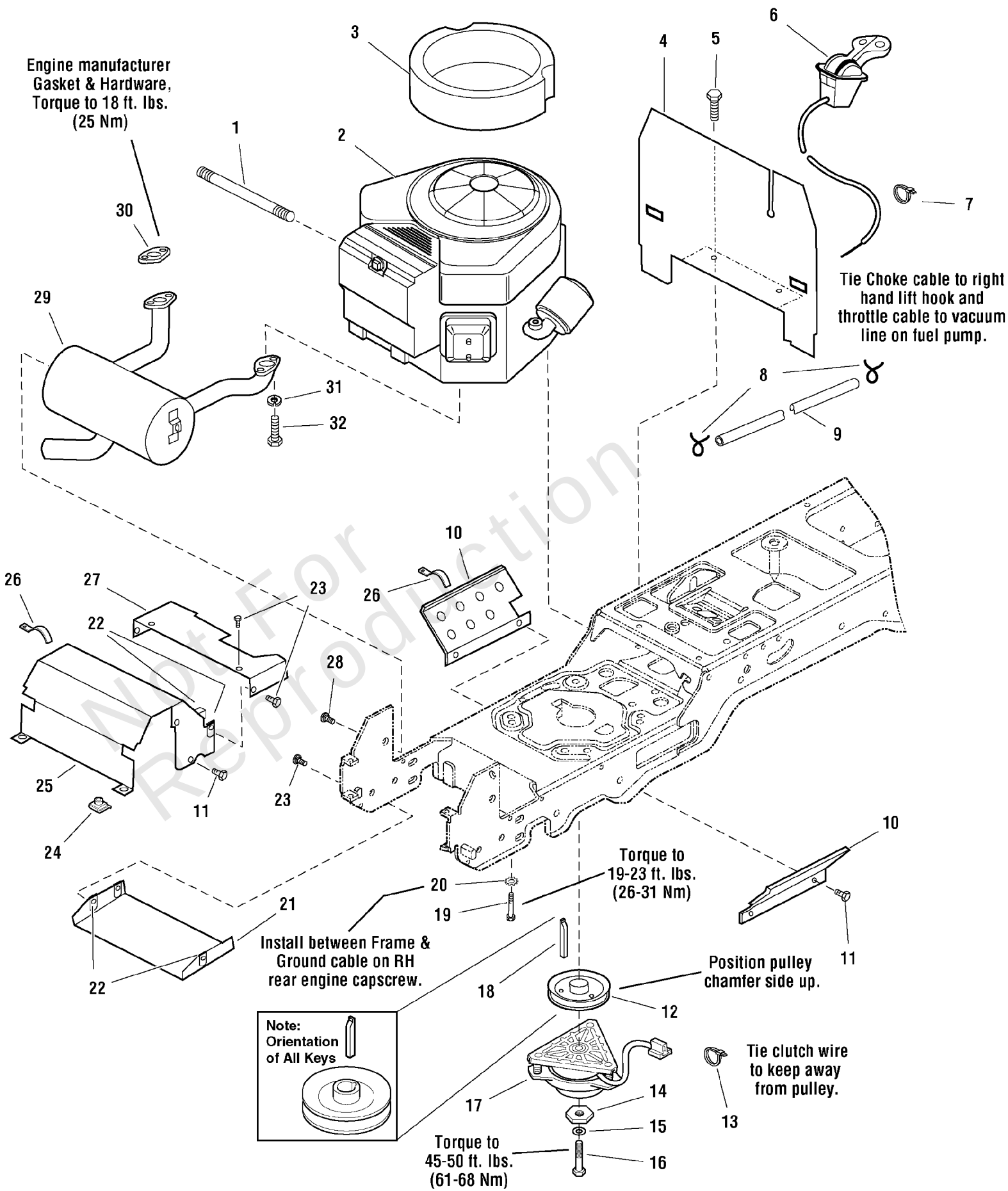
Electrical Group

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 5.9" Long, Red
9	1722611SM	1	PLUG-HOLE BLACK
10	1725074SM	1	PANEL, Instrument with Fuel Gauge & Hour Meter (Includes Ref. No. 11)
11	1724865SM	1	COVER, Instrument Panel
12	1686734SM	1	IGNITION SWITCH
13	1717163SM	1	KEY-IGNITION INDAK
14	1717550SM	1	COVER, For Ignition Switch, Plastic
15	1717549SM	1	NUT, Hex Flange, 5/8-32, Ignition Switch
16	1960547SM	1	LOCKWASHER-INTERNAL
17	2101025SM	1	WASHER, Shim
18	1701011SM	3	TIE, Self Locking
19	1716951SM	1	SWITCH, Headlights , 2 Terminal
20	1713535SM	1	BOOT, Insulator Cable Terminal, Red
21	2860433SM	1	NUT, Hex Flange M08-1.25
22	1713534SM	1	BOOT, Insulator Battery Terminal
23	1713163SM	1	CABLE, #6 x 26" Long, Ring Terminal
24	1686714SM	1	BATTERY, 12 Volt 500 CCA
25	1722009SM	1	STRAP, Battery, 14" Long, Rubber
26	1717001SM	1	CABLE, #4 26"
27	2860665SM	5	SCREW, Truss Head Phillips, #10-32 x 1/2
28	1917365SM	5	LOCKWASHER, Spring #10
29	1686921SM	1	SENDER, Fuel Tank
30	1722309SM	1	PLUG, Hole 3", Round
31	1685303SM	1	GASKET
32	1960536SM	2	SCREW, HEX WSHR HD PL
33	1716368SM	1	SWITCH-OP PRESEN
34	1732006SM	1	SWITCH, Push Button, Foot Pedal
35	1676123SM	1	SWITCH, Cruise Control
36	1722715SM	1	HARNESS, Wiring Upper
37	1724871SM	1	HARNESS, Wiring Lower (Models with 2 Piece Harness)
38	1725634SM	1	HARNESS, Wiring (Models with 1 Piece Harness)

Engine Group - Electric Clutch - 20HP Kohler

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



Engine Group - Electric Clutch - 20HP Kohler

REF NO	PART NO	QTY	DESCRIPTION
1	1723165SM	1	HOSE, Oil Drain, 10 1/2 Long, 3/8-18 Fittings
2	-----	1	ENGINE, 20HP Kohler Command, Model # CV20S, Type # PS65582
3	1719847SM	1	SEAL, Circle
4	1722388ASM	1	BULKHEAD
5	1925003SM	2	CAPSCREW, Hex Washer Head Taptite, 1/2-20 x 1/2, Black
6	1727223SM	1	CONTROL, Throttle Double, 39" Long
7	1701011SM	2	TIE, Self Locking
8	2860112SM	2	CLAMP, Hose Type E
9	1718678SM	1	HOSE, Fuel, 58 Long
10	1722392ASM	2	SHIELD, Side
11	1929000SM	8	CAPSCREW, Hex Washer Head Taptite, 1/4-20 x 3/8
12	1722288SM	1	PULLEY & HUB ASSEMBLY
13	2832747SM	1	TIE, Self Locking
14	1708264SM	1	WASHER, HEX, 0.453ID
15	1918199SM	1	LOCKWASHER, Spring 7/16
16	1960649SM	1	CAPSCREW, Hex Head 7/16-20 x 3-1/2
17	1686883SM	1	CLUTCH, Electric
18	1720463SM	1	KEY, HI PRO 1/4 x 2-1/2
19	704010	4	SCREW, HEX, 3/8-16
20	2820427SM	1	LOCKWASHER, External Tooth 3/8
21	1722414ASM	1	SHIELD, Muffler Bottom
22	1960368SM	8	NUT, Speed, 1/4-20, Lug Type
23	1960295SM	4	CAPSCREW, Hex Flange Whiz Lock, 1/4-20 x 5/8
24	1935255SM	2	NUT, SPEED, 5/16-18 L
25	1722389ASM	1	DUCT-MUFFLER TOP-BLAC
26	2834683SM	2	CLIP, Wire 1/8, Panel
27	1722390ASM	1	DUCT-MUFFLER EXT-BLAC
28	1924856SM	2	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 1/2, Black
29	1721705SM	1	MUFFLER, Kohler Twin
30	-----	1	GASKET, Kohler Twin
31	1916964SM	4	LOCKWASHER, Spring, 1/4
32	-----	4	CAPSCREW, Hex Flange Whiz Lock, 1/4-20 x 5/8

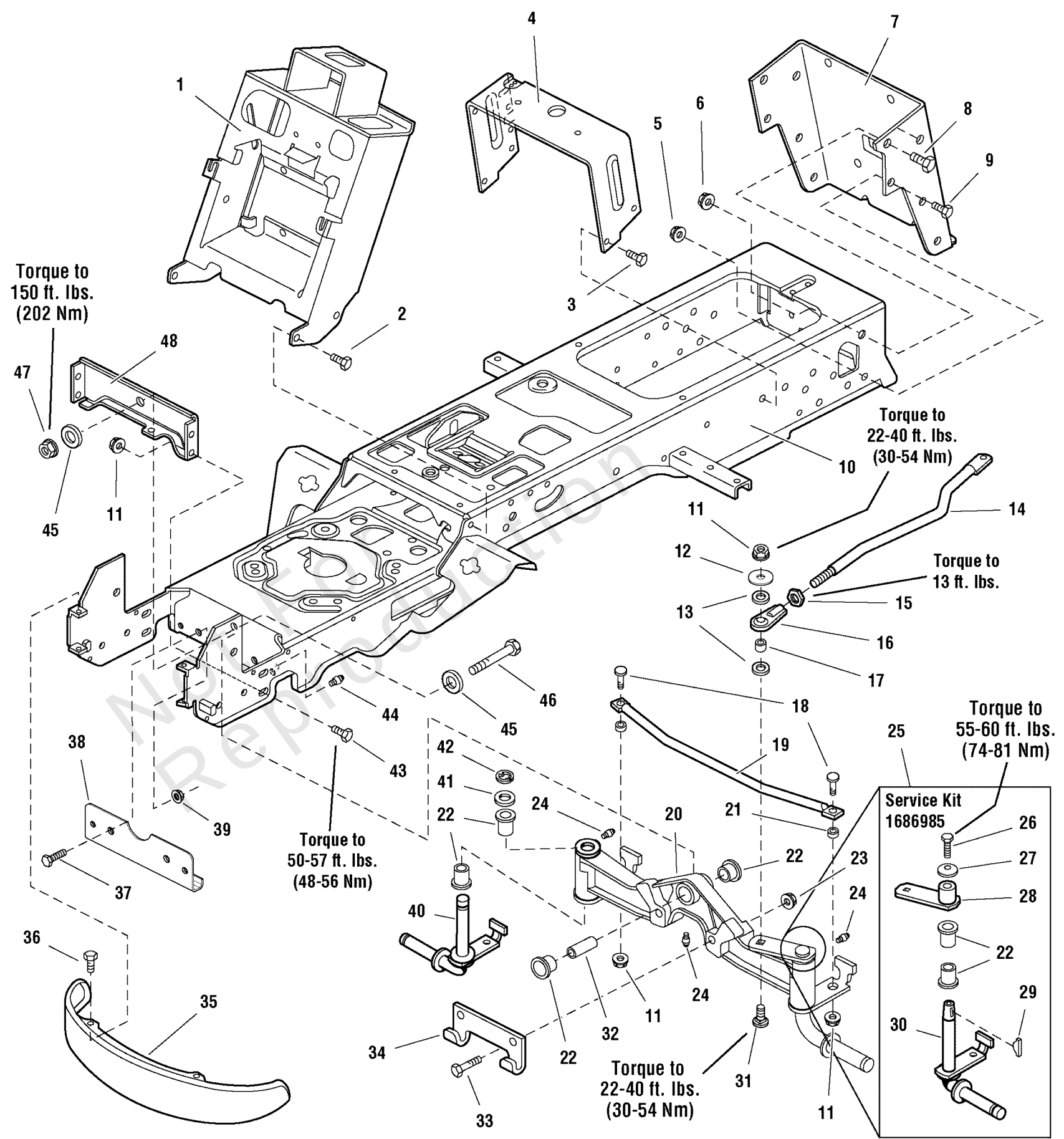
Footnotes:

Note:* See your local Kohler distributor for parts and service. Kohler Winterizing Kit order Kohler part number 54 755 17-S.

Frame Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



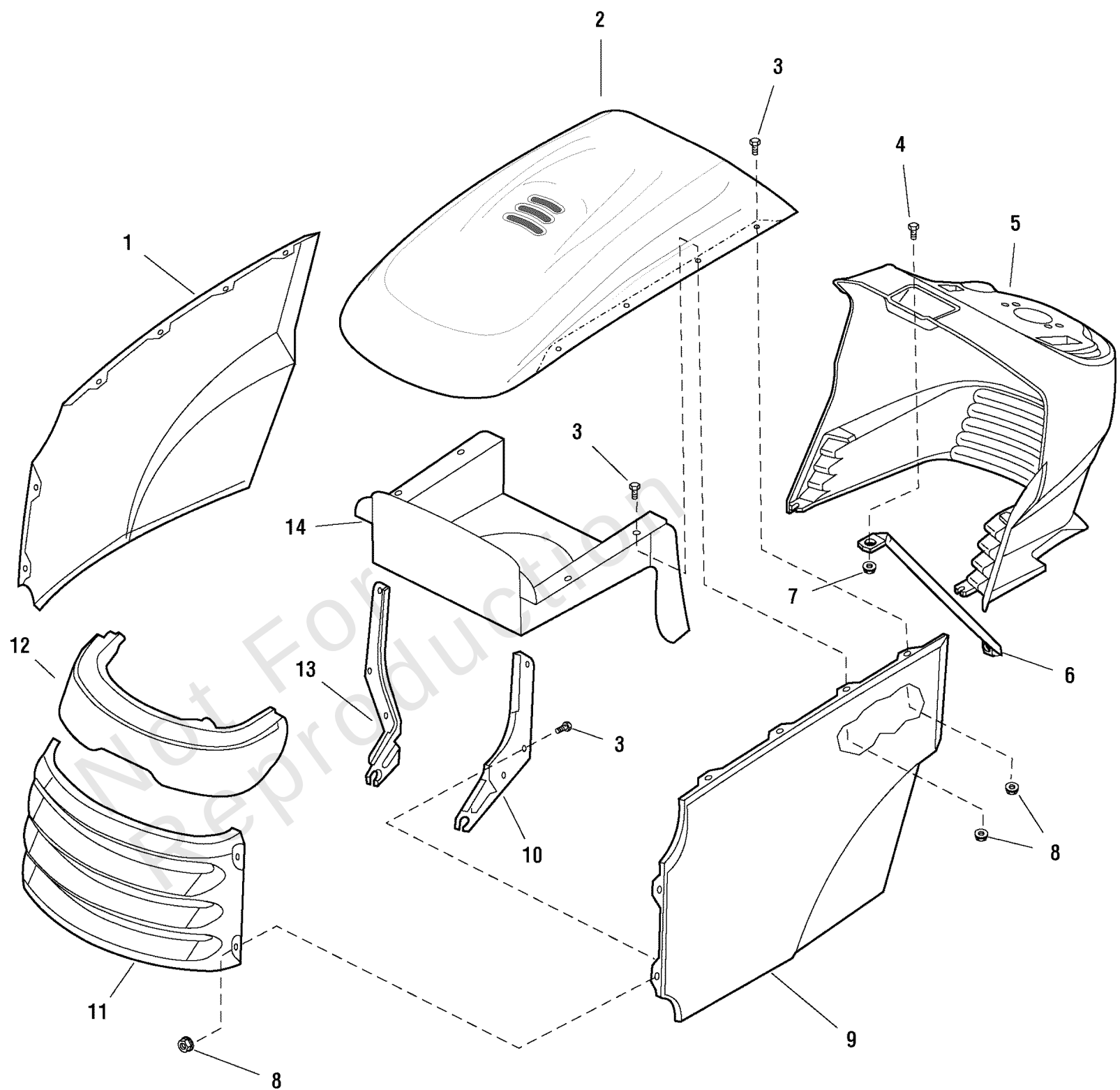
Frame Group

REF NO	PART NO	QTY	DESCRIPTION
1	1724081ASM	1	TOWER & SUPPORT ASSEMBLY
2	1923683SM	4	CAPSCREW, Hex Washer Head Taptite, 3/8-16 x 3/4
3	1960541SM	4	CAPSCREW, Hex Head Taptite, 5/16-18 x 3/4
4	1723528ASM	1	SUPPORT, Seat Deck
5	1928352SM	2	NUT, Hex Flange 3/8-16 Whiz Lock, Large
6	1930644SM	2	NUT-HEX FLANGE 1/2-1
7	1722602ASM	1	BACKPLATE
8	1923114SM	2	CAPSCREW, Hex Head 1/2-13 x 1, Black
9	1921210SM	2	CAPSCREW, Hex Head 3/8-16 x 1, Black
10	1726989SM	1	FRAME ASSEMBLY, Front & Rear
11	1930645SM	7	NUT, Hex Flange Two-Way Lock, 3/8-16
12	1922755SM	1	WASHER, 3/8, Black
13	1960103SM	2	WASHER, 3/8"
14	1722541SM	1	LINK, Drag
15	1919262SM	1	NUT, Hex Jam 1/2-20
16	1702779SM	1	JOINT-BALL .500-20 TH
17	1708236SM	1	SPACER, 3/8 x 1/2 x 5/8
18	1931350SM	2	BOLT, RD HD SH SQ NK
19	1722626ASM	1	ROD, Tie
20	1722200ASM	1	AXLE ASSEMBLY w/LH Spindle, (Includes Ref. Nos. 22, 24, 41, 42 & 43)
21	1611705SM	2	SPACER-0.385IDX0
22	1721682SM	6	BUSHING, 31/32 x 1-1/4 x 3/4, Powder Metal
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	1931352SM	1	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
32	1721752SM	1	SPACER, 11/16 x 21/32 x 2 3/32
33	1927531SM	2	CAPSCREW-HEX HD 7/16-
34	1721918ASM	1	HOOK, "J"
35	1721805ASM	1	BUMPER, Black
35	1723502SM	1	BUMPER, Chrome
36	1960086SM	4	SCREW, TRUSS HD TORX
37	1930591SM	2	CAPSCREW, Hex Whiz Lock, 5/16-18 x 3/4
38	1724801ASM	1	PLATE, Axle Wear
39	1931277SM	2	NUT, Hex Flange Whix Lick, 5/16-18
40	1722199SM	1	SPINDLE, RH
41	1919394SM	1	WASHER
42	2832577SM	1	RING, Retainer
43	1933260SM	4	CAPSCREW, Hex Flange Whiz Lock, 3/8-16 x 3/4
44	2821133SM	2	FITTING, Grease for Wear Plate
45	1960035SM	2	WASHER-0.625(0.64IDX1
46	2860645SM	1	CAPSCREW, Hex Head, 5/8-11 x 3-1/2
47	2860646SM	1	NUT, Hex Flange Two-Way Lock, 5/8-11
48	1722212ASM	1	PLATE-AXLE SUPPORT-BL

Hood, Grill & Dash Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



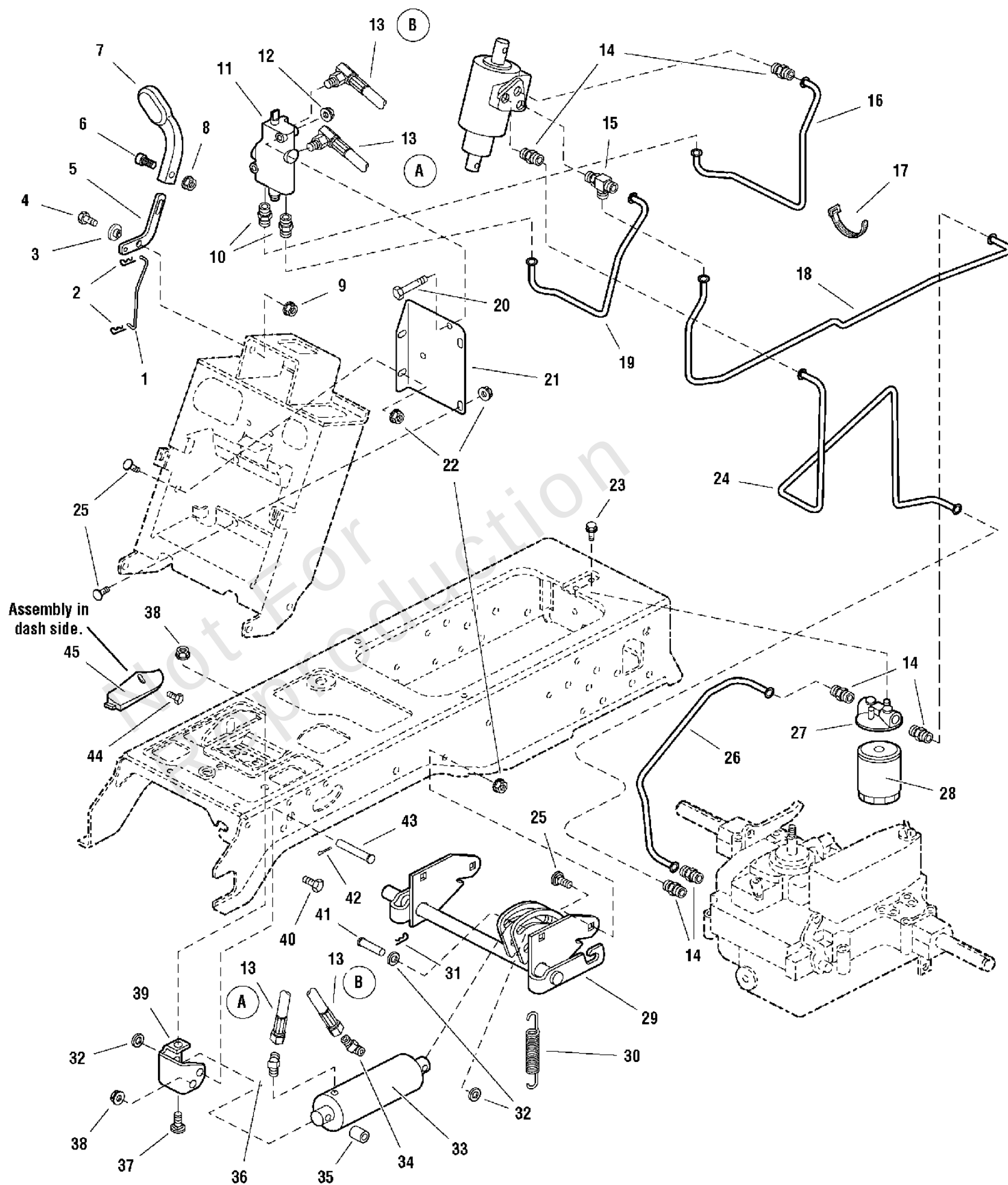
Hood, Grill & Dash Group

REF NO	PART NO	QTY	DESCRIPTION
1	1721804CSM	1	PANEL, RH Side, Orange
1	1721804DSM	1	PANEL, RH Side, Red
2	1722110CSM	1	HOOD, with Louver, Orange
2	1722110DSM	1	HOOD, with Louver, 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	1687055SM	1	DASHBOARD, with Hydro Lift Slot
6	1723123SM	1	ROD, Dash Support
7	1933896SM	1	NUT, Hex Lock, with Nylon Insert, 10-24
8	1930641SM	12	NUT, Hex Flange Whiz Lock Large, 1/4-20 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
13	1721809ASM	1	HINGE, RH
14	1722391ASM	1	DUCT, Air Inlet 18GA

Lift Group - Hydraulic Lift with Power Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



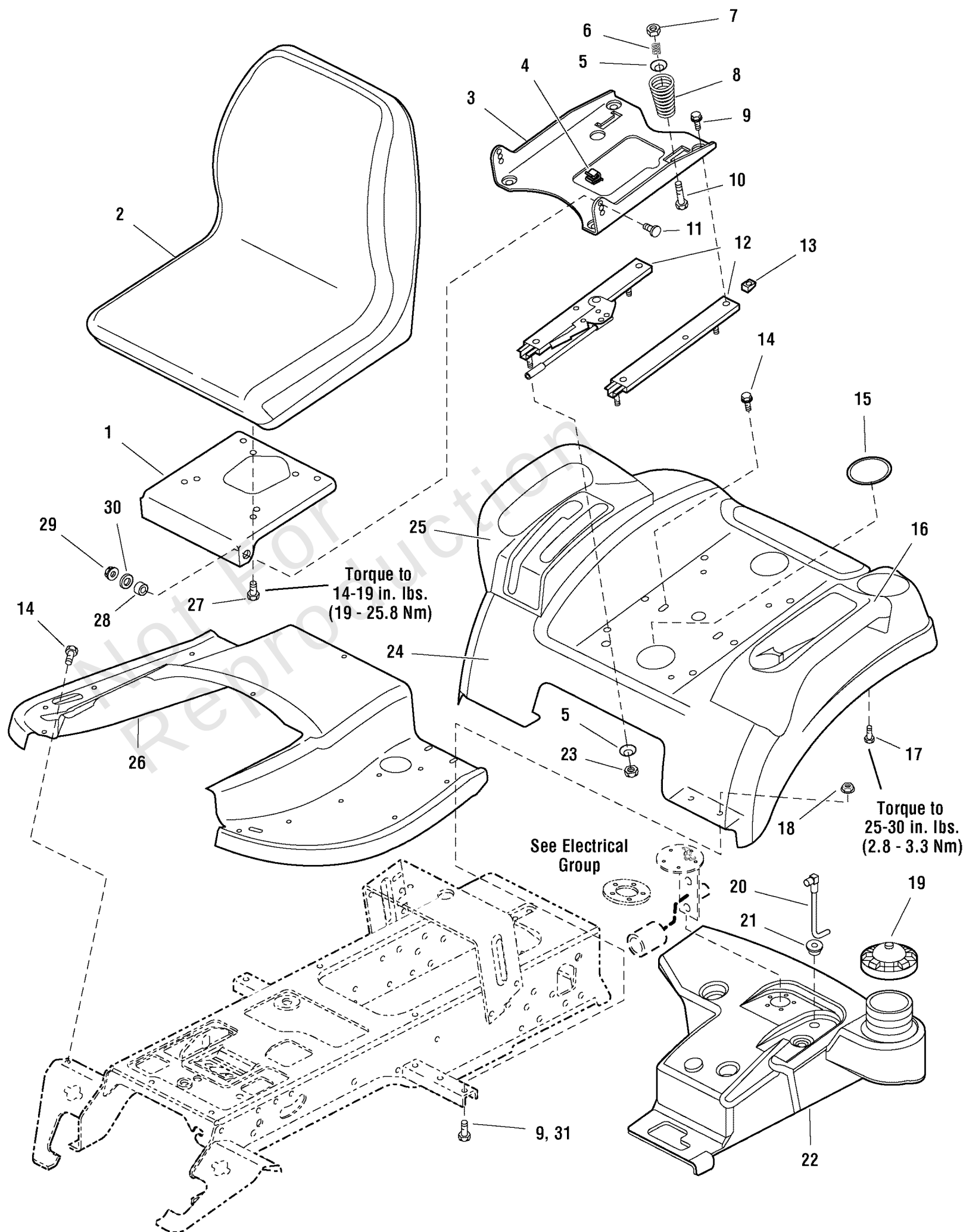
Lift Group - Hydraulic Lift with Power Steering

REF NO	PART NO	QTY	DESCRIPTION
1	1727557SM	1	ROD, Hydraulic Link
2	1923360SM	2	PIN, Cotter
3	1723244SM	1	SPACER, Pivot
4	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
5	1721901SM	1	LEVER
6	1960666SM	1	SCREW, Torx Plus Socket Head, 1/4-20 x 7/8
7	1722146SM	1	HANDLE
8	1920397SM	1	NUT, Hex Lock, ESNA Light, 1/4-20
9	1919438SM	1	NUT, Hex Lock, ESNA Light, 5/16-18
10	1722140SM	2	FITTING, Straight, 11/16-16, 3/4-16
11	1717558SM	1	CONTROL VALVE, Single Spool
12	2828372SM	2	NUT, Hex KEPS, 1/4-20
13	1722124SM	2	HOSE ASSEMBLY, Hydraulic, Rubber, 12" long
14	1722123SM	6	FITTING, Straight, 9/16-18, 11/16-16
15	1722126SM	1	FITTING, Hose Tee, 11/16-16, .562-18
16	1722251SM	1	TUBE, Hudraulic, Steel, 5 Bends
17	1701011SM	1	TIE, Self Locking
18	1722138SM	1	TUBE, Hydraulic, 8 Bends
19	1722135SM	1	TUBE, Hydraulic, 5 Bends
20	1921963SM	2	CAPSCREW, Hex Head, 1/4-20 x 2
21	1721904ASM	1	SUPPORT, Control Valve
22	1960636SM	8	NUT, Hex KEPS, 5/16-18
23	1931646SM	2	CAPSCREW, Hex Flange Whiz Lock, 1/4-20
24	1722295SM	1	TUBE, Hudraulic, Steel, 5 Bends
25	1931333SM	8	CARRIAGE BOLT, 5/16-18 x 3/4
26	1722297SM	1	TUBE, Hydraulic, 5 Bends
27	1719169SM	1	BASE, Oil Filter
28	1719168SM	1	FILTER, Oil
29	1727436ASM	1	SHAFT ASSEMBLY
30	2156302	1	SPRING
31	1960033SM	1	CLIP, Hair Pin
32	1960027SM	2	WASHER, 1/2 x 7/8
33	1722266SM	1	CYLINDER, Hydraulic
34	1722141SM	1	FITTING, Elbow, 90 Degree, 9/16-18, 1/4
35	1722148SM	1	SPACER, 17/32 x 3/4 x 1-1/32
36	1722122SM	1	FITTING, Elbow, 45 Degree, 9/16-18, 1/4
37	1931350SM	1	BOLT, RD HD SH SQ NK
38	1960637SM	2	NUT, Hex KEPS, 3/8-16
39	1722113ASM	1	SUPPORT-CYLINDER-BLAC
40	1921210SM	1	CAPSCREW, Head Head, 3/8-16 x 1
41	1722819SM	1	PIN, Flat Head Drilled
42	1918452SM	1	PIN, Cotter
43	1722147SM	1	PIN, Clevis
44	1722607SM	1	SCREW, Pan Head, # 8-16 x 1/2
45	1722285SM	1	COVER, Dash Black (SEE NARATIVE)

Seat & Seat Deck Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



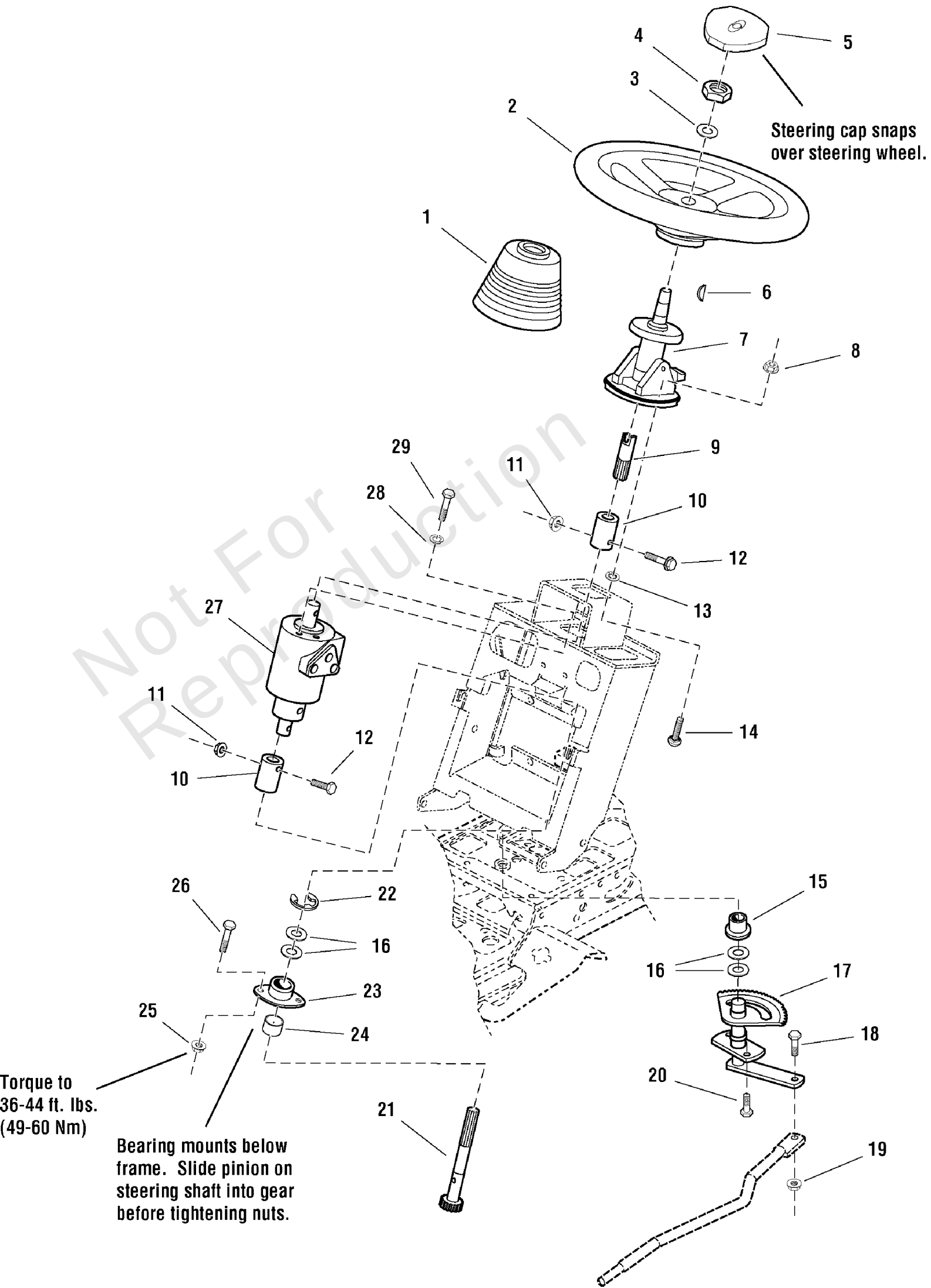
Seat & Seat Deck Group

REF NO	PART NO	QTY	DESCRIPTION
1	1722129ASM	1	BRACKET, 1-5/8 x 1-3/4
2	1687199SM	1	SEAT, 18" Back
3	1722128ASM	1	SUPPORT, Seat
4	2172434SM	1	CLIP- WIRE DIA .390
5	1709256SM	2	WASHER, Spring, 5/16 x 1 1/4
6	1714263SM	2	SPRING, Compression
7	1919438SM	10	NUT, Hex Lock, ESNA Light, 5/16-18
8	1717051SM	2	SPRING, Compression
9	1930591SM	8	CAPSCREW, Hex Flange Whiz Lock, 5/16-18 x 3/4
10	1931339SM	2	BOLT, Carriage, 5/16-18 x 2
11	1931350SM	2	BOLT, RD HD SH SQ NK
12	1722356SM	1	SLIDE, Seat
13	1935255SM	4	NUT, SPEED, 5/16-18 L
14	1930601SM	4	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 5/8
15	1722309SM	2	PLUG, Plastic
16	1729711SM	1	POD, with Cup Holder, LH
17	2860664SM	8	SCREW, HEX SEMS WSHR,
18	1931277SM	4	NUT, Hex Flange Whiz Lock, 5/16-18
19	1715917SM	1	CAP, Gas
20	1722340SM	1	TUBE & ELBOW ASSEMBLY
21	1654930SM	1	BUSHING, 3/8 x 9/16 x 5/8, Rubber
22	1722432SM	1	TANK, Fuel
23	1960636SM	8	NUT, Hex KEPS, 5/16-18
24	1722106CSM	1	DECK, Seat, Orange
24	1722106DSM	1	DECK, Seat, Red
25	1722108SM	1	POD, RH with 2 Slots
26	1722105CSM	1	TUNNEL, Orange
26	1722105DSM	1	TUNNEL, Red
27	1960667SM	4	SCREW-HEX WZ LOCK FLN
28	1663752SM	2	SPACER, 25/64 x 5/8 x 3/16
29	1930645SM	2	NUT, Hex Flange Two-Way Lock, 3/8-16
30	1924940SM	2	WASHER, 3/8
31	1930595SM	4	CAPSCREW, Taptite 5/16-18 x 1-1/4

Steering Group - Power Steering with Tilt S/N 1999 & Below

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



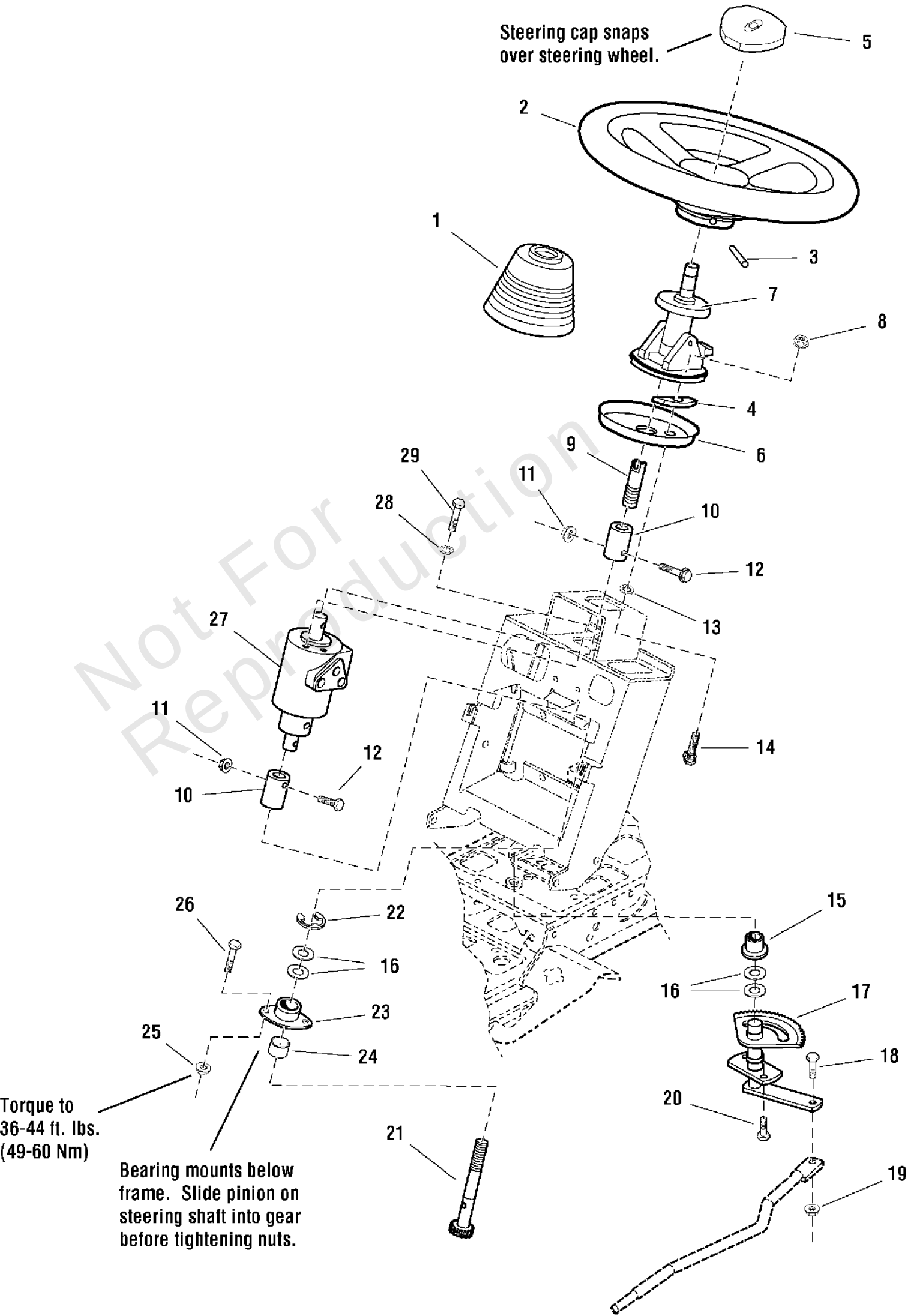
Steering Group - Power Steering with Tilt S/N 1999 & Below

REF NO	PART NO	QTY	DESCRIPTION
1	1716259SM	1	BOOT, Tilt Steering Unit
2	1722980SM	1	STEERING WHEEL, Tapered, Shaft with Tilt
3	1924366SM	1	WASHER, 5/8
4	1960576SM	1	NUT, Hex Lock, ESNA Light, 5/8-18
5	1722319SM	1	CAP, Steering Wheel, Simplicity -(Decal Not Included)
6	2805123SM	1	KEY, Woodruff
7	1716258SM	1	TILT STEERING UNIT
8	2828372SM	4	NUT, Hex KEPS, 1/4-20
9	1722923SM	1	ADAPTER, 2-13/16 Long
10	1721677SM	2	COUPLER, 2-3/8 Long
11	1919438SM	2	NUT, Hex Lock, ESNA Light, 5/16-18
12	1922127SM	2	SCREW, Hex Head Cap, 5/16-18 x 1 3/4
13	1960518SM	4	NUT, Push
14	1931320SM	4	CARRIAGE BOLT, 1/4-20 x 1-1/4
15	2176440SM	1	BUSHING-0.765IDX
16	1960114SM	5	WASHER, 3/4
17	1724470ASM	1	GEAR &, Shaft ASSEMBLY, Steering
18	1960032SM	1	SCREW, Hex Head, 3/8-16 x 1 1/4
19	1930645SM	1	NUT, Hex Flange Two-Way Lock, 3/8-16
20	1664847SM	2	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 3/4
21	1721628SM	1	SHAFT & PINION ASSEMBLY, Steering Power with Tilt
22	1611710SM	1	RING, Clipping Extension
23	1722459SM	1	BEARING, 3/4 x 1-11/16
24	1722461SM	1	SPACER, 3/8" Long
25	1931211SM	2	NUT, Hex Flange Whiz Lock, 3/8-16, Small
26	1931348SM	2	BOLT, Carriage 3/8-16 x 3/4
27	1718832SM	1	GENERATOR, Torque, Power Steering Unit
28	1917356SM	3	LOCKWASHER, Spring, 5/16
29	1921332SM	3	CAPSCREW, Hex Head, 5/16-18 x 3/4

Steering Group - Power Steering with Tilt S/N 2000 & Up

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



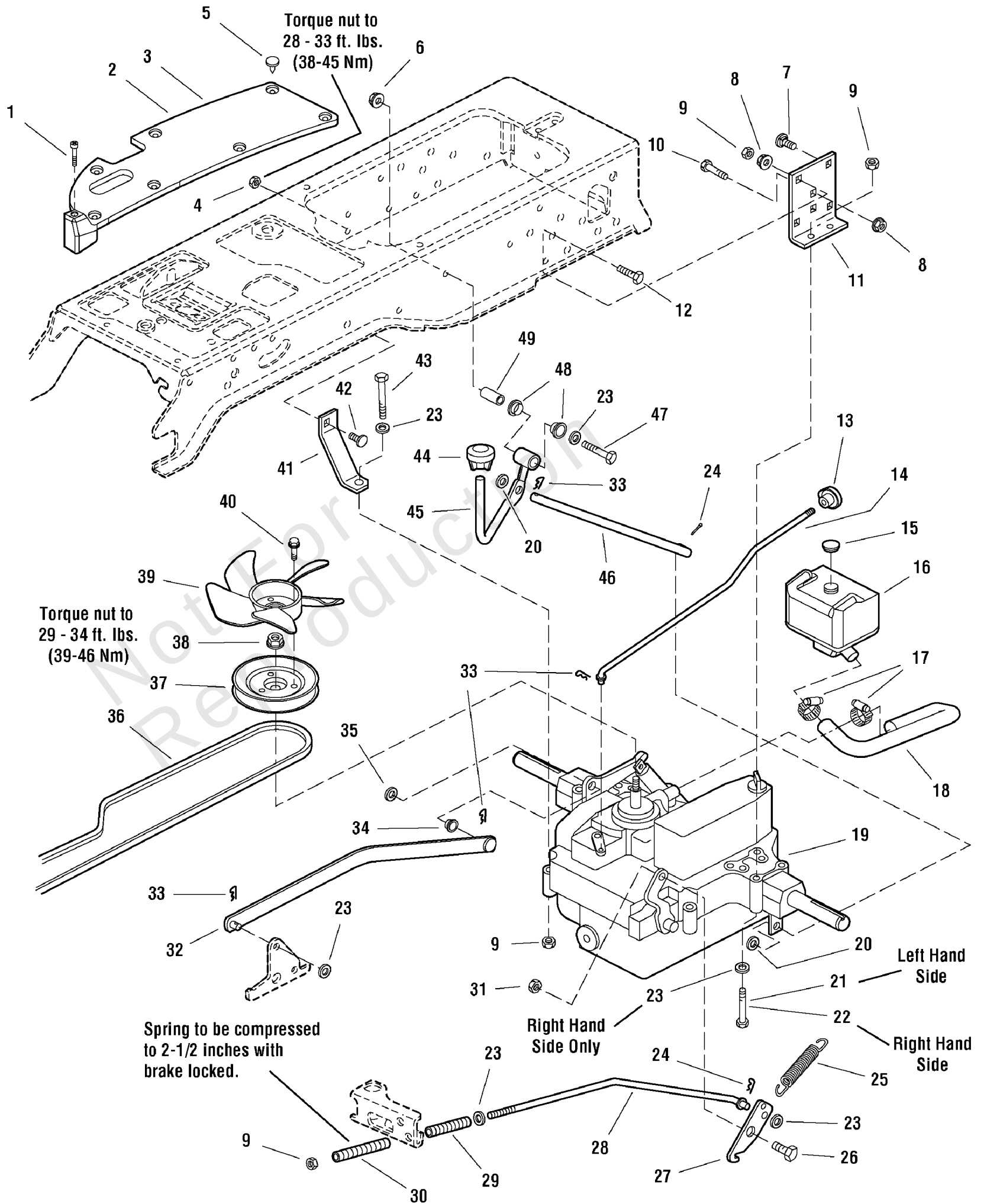
Steering Group - Power Steering with Tilt S/N 2000 & Up

REF NO	PART NO	QTY	DESCRIPTION
1	1686970SM	1	BOOT, Tilt Steering Unit
2	1722318SM	1	STEERING WHEEL
3	1960540SM	1	ROLL PIN
4	1723898SM	2	SPACER
5	1722319SM	1	CAP, Steering Wheel, Simplicity -(Decal Not Included)
5	1725024SM	1	CAP, Steering Wheel
6	1721736ASM	1	MOUNTING PLATE
7	1726026SM	1	TILT STEERING UNIT
8	1960636SM	2	NUT, Hex KEPS, 5/16-18
9	1723801SM	1	ADAPTER, Tilt Steering Splined, 2-21/64 Long
10	1721677SM	2	COUPLER, 2-3/8 Long
11	1919438SM	2	NUT, Hex Lock, ESNA Light, 5/16-18
12	1922127SM	2	SCREW, Hex Head Cap, 5/16-18 x 1 3/4
13	1933988SM	2	NUT, Push
14	1960655SM	2	CARRIAGE BOLT, 5/16-18 x 1
15	2176440SM	1	BUSHING-0.765IDX
16	1960114SM	5	WASHER, 3/4
17	1724470	1	GEAR &, Shaft ASSEMBLY, Steering
18	1960032SM	1	SCREW, Hex Head, 3/8-16 x 1 1/4
19	1930645SM	1	NUT, Hex Flange Two-Way Lock, 3/8-16
20	1664847SM	2	CAPSCREW, Hex Washer Head Taptite, 5/16-18 x 3/4
21	1721628SM	1	SHAFT & PINION ASSEMBLY, Steering Power with Tilt
22	1611710SM	1	RING, Clipping Extension
23	1722459SM	1	BEARING, 3/4 x 1-11/16
24	1722461SM	1	SPACER, 3/8" Long
25	1931211SM	2	NUT, Hex Flange Whiz Lock, 3/8-16, Small
26	1931348SM	2	BOLT, Carriage 3/8-16 x 3/4
27	1718832SM	1	GENERATOR, Torque, Power Steering Unit
28	1917356SM	3	LOCKWASHER, Spring, 5/16
29	1921332SM	3	CAPSCREW, Hex Head, 5/16-18 x 3/4

Transmission Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



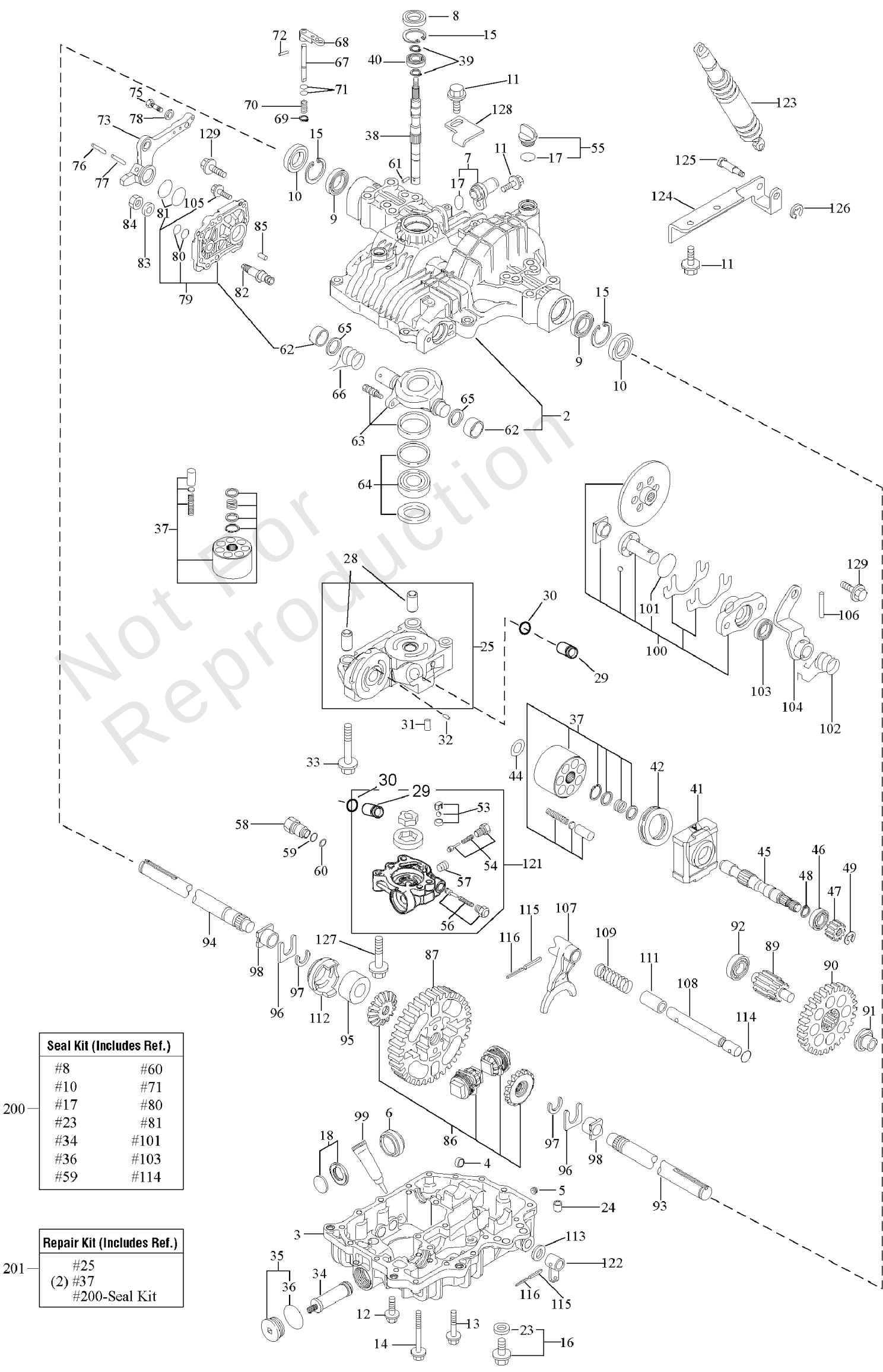
Transmission Group

REF NO	PART NO	QTY	DESCRIPTION
1	1960676SM	2	SCREW, Pan Head Trox Taptite, 1/4-20 x 1-1/4
2	1722173SM	1	PAD, Footrest, RH
3	1722174SM	1	PAD, Footrest, LH, Differential Lock
4	1960636SM	1	NUT, Hex KEPS, 5/16-18
5	1704351SM	15	FASTENER, 3/4 Long Stem Plastic
6	1928352SM	1	NUT, Hex Flange Whiz Lock, 3/8-16, Large
7	1931350SM	4	BOLT, RD HD SH SQ NK
8	1960637SM	6	NUT, Hex KEPS, 3/8-16
9	1960687SM	7	NUT, Hex Flange ESNA, 3/8-16
10	1960136SM	1	CAPSCREW, Hex Head, 3/8-16 x 1
11	1721728ASM	2	SUPPORT
12	1921969SM	1	CAPSCREW, Hex Head 3/8-16 x 1-1/2
13	1723126SM	1	KNOB, Internal Thread 1/4-20
14	1721622SM	1	ROD, Free Wheel, 18-3/16 Long
15	1722711SM	1	CAP, Expansion Tank Plastic
16	1722430SM	1	TANK, Oil Natural
17	1723214SM	2	CLAMP, Hose Worm Drive # 20 1 3/4"
18	1722468SM	1	HOSE, Expansion Tank Formed
19	1721404SM	1	TRANSMISSION ASSEMBLY, K71E
20	1918267SM	2	WASHER, 7/16
21	1922918SM	2	CAPSCREW, LH, Hex Head, 3/8-16 x 3-1/4
22	1960653SM	2	CAPSCREW, RH, Hex Head, 3/8-16 x 3-3/4
23	1924940SM	9	WASHER, 3/8
24	1918447SM	2	PIN, Cotter, 3/32 x 3/4
25	2159106SM	1	SPRING, Extension
26	1923114SM	1	CAPSCREW, Hex Head, 1/2-13 x 1
27	1721474ASM	1	ARM, Brake
28	1721470SM	1	ROD, Brake
29	1722684SM	1	SPRING
30	1729277SM	1	SPRING
31	1960379SM	1	NUT, Hex Lock, 1/2-13
32	1721992SM	1	ARM & WELD, PINS ASSEMBLY, Control K71
33	1722460SM	5	PIN, Quick
34	1722648SM	1	BEARING, 1/2 x 9/16 x 11/32, Nylon
35	1960027SM	1	WASHER, 1/2
36	1721393SM	1	V-BELT HA 94.45
37	1722194SM	1	PULLEY & HUB ASSEMBLY, Transmission
38	1722517SM	1	NUT, Hex Flange, M12-1.75, Nylon Insert
39	1719233SM	1	FAN, 5 Blades, Nylon, 3-Holes
40	1933958SM	3	CAPSCREW, Hex Washer Head Taptite, 1/4-20 x 1-1/8
41	1721412ASM	1	BRACKET, Transmission
42	1931335SM	1	BOLT, Carriage, Short Neck, 5/16-18 x 1
43	1921973SM	1	CAPSCREW, Hex Head, 3/8-16 x 2-3/4
44	1716289SM	1	KNOB, Hole, 1/2 x 1-3/4, 2-11/16
45	1721360SM	1	ROD & TUBE ASSEMBLY, Differential Lock, Pedal
46	1721367SM	1	ROD, Differential Lock, K71
47	1922130SM	1	CAPSCREW, Hex Head 3/8-16 x 2-1/4
48	1676148SM	2	BUSHING-0.628IDX
49	1669105SM	1	SPACER, 1 1/2" Long Hardened

Transmission SERVICE PARTS - Tuff Torq K71E with Diff Lock (1721404)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



Transmission SERVICE PARTS - Tuff Torq K71E with Diff Lock (1721404)

REF NO	PART NO	QTY	DESCRIPTION
2	-----	1	*UPPER HOUSING
3	1723765SM	1	LOWER HOUSING
4	1720759SM	1	BORE PLUG 17
5	1720758SM	1	TAPER PLUG, 1/8, (K71E Only)
6	1720761SM	1	FILTER
7	1720762SM	1	FITTING
8	1720782SM	1	SEAL
9	1720783SM	2	BEARING
10	1720784SM	2	SEAL
11	1720785SM	2	SCREW, Tapping, 8 x 25
12	1707789SM	18	SCREW, Tapping
13	1720786SM	1	SCREW, Tapping, 8 x 45
14	1718226SM	2	BOLT, 8 x 75"
15	1720787SM	3	RING, 47
16	1720788SM	2	BOLT, 10 x 12
17	1707786SM	2	PACKING, P18
18	1718065SM	1	MAGNET COMPLETE
23	1720796SM	1	WASHER, Seal 10
24	1720797SM	2	PIPE, 13 x 11.3
25	-----	1	*CENTER CASE, Complete
28	1720801SM	2	KNOCK PIN, 15.5 x 30
29	1720802SM	1	PLUG, 16 x 25
30	1720803SM	1	PACKING
31	-----	2	*PIN, 8 x 14
32	1718070SM	1	PIN, 3 x 9.8
33	1720805SM	3	BOLT, 10 x 75
34	1719832SM	1	FILTER
35	1720807SM	1	CAP, (M40)
36	1720808SM	1	PACKING
37	-----	2	*CYLINDER BLOCK, Complete
38	1723782SM	1	PUMP SHAFT
39	1720811SM	2	RING, 17
40	1720812SM	1	BEARING, 6303
41	-----	1	*HOUSING
42	-----	1	*BEARING, 51207
44	1720817SM	1	WASHER, 18 x 31 x 1
45	-----	1	*SHAFT MOTOR
46	1720819SM	1	BEARING 6004 SH2 U
47	1720820SM	1	MOTOR GEAR
48	1720821SM	1	SNAP RING, 20
49	1718076SM	1	RING, E15
53	-----	1	*HOLDER, Seat
54	-----	1	*VALVE, Implement Complete
55	1720760SM	1	CAP, Oil, 20
56	-----	1	*VALVE, Charge Complete
57	1708665SM	1	PLUG
58	1720829SM	2	CONNECTOR
59	1723773SM	2	O-RING

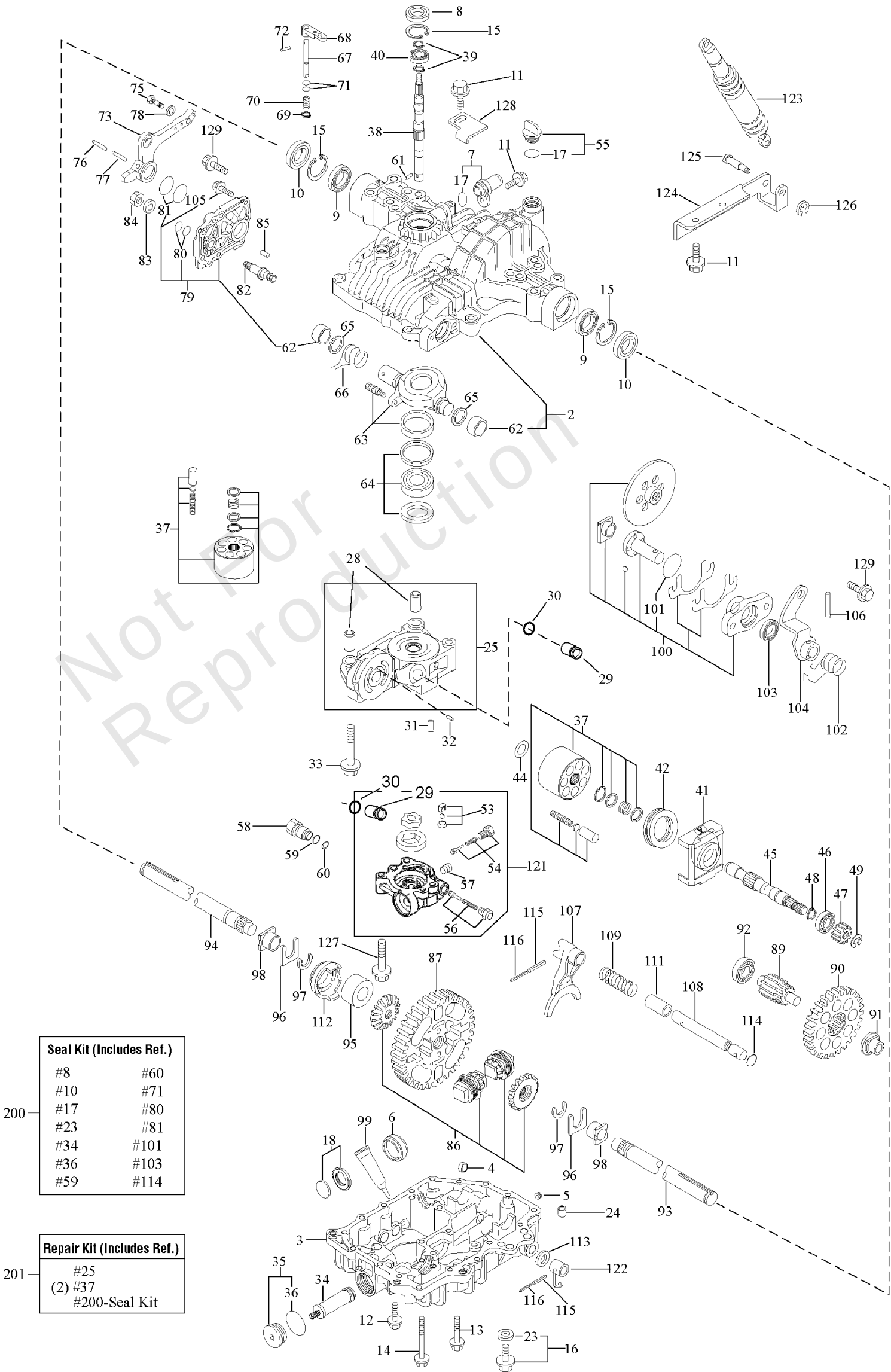
Footnotes:

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

Transmission SERVICE PARTS - Tuff Torq K71E with Diff Lock (1721404)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



Transmission SERVICE PARTS - Tuff Torq K71E with Diff Lock (1721404)

REF NO	PART NO	QTY	DESCRIPTION
60	1720831SM	2	PACKING
61	1720832SM	1	PIN, 3.2 x 21
62	1720757SM	2	BEARING, 28 x 15
63	-----	1	*SWASH PLATE COMPLETE
64	-----	1	*BEARING COMPLETE
65	-----	2	*WASHER
66	-----	1	*SPRING (N/C)
67	-----	1	*SHAFT (BYPASS)
68	-----	1	*LEVER (BYPASS)
69	1718061SM	1	RING
70	1725730SM	1	SPRING
71	1708691SM	2	O-RING, 1A P10A
72	1707839SM	1	PIN, 3.0A*20
73	1720840SM	1	CONTROL LEVER
75	1720841SM	1	BOLT
76	1720842SM	1	PIN, 6.0A x 50
77	1720843SM	1	PIN, 3.5A x 50
78	-----	1	*WASHER, 10
79	1723784SM	1	SIDE COVER SET, (Includes Ref. Nos. 2, 80 & 81)
80	1707879SM	2	PACKING, P14
81	1720846SM	2	PACKING, P28
82	-----	1	*FULCRUM, (ECCENT)
83	1708689SM	1	WASHER
84	1708692SM	1	NUT 12
85	-----	2	*PIN, 8 x 16
86	1723796SM	2	KIT, Diff Gear
87	-----	1	*FINAL GEAR
89	-----	1	*SHAFT, (F PINION)
90	-----	1	*REDUCTION GEAR
91	-----	1	*BUSHING, 15
92	-----	1	*BEARING, 6203SH2
93	1720855SM	1	AXLE SHAFT, Left
94	-----	1	*AXLE SHAFT, Right
95	-----	1	*COLLAR, (Diff. Lock)
96	1720858SM	2	THRUST WASHER
97	1720859SM	2	RING
98	-----	2	*BUSHING
100	1720862SM	1	BRAKE KIT
101	-----	1	PACKING, G35
102	1720864SM	1	SP, (RETURN)
103	1720865SM	1	SEAL, TC173007
104	-----	1	*ARM, (BRAKE)
105	-----	1	*BOLT
106	1718100SM	1	PIN, 6.0A x 4.0
107	-----	1	*FORK, Differential Lock
108	1723783SM	1	SHAFT, Differential
109	-----	1	SPRING, Differential Lock
111	1720869SM	1	COLLAR (STOP)

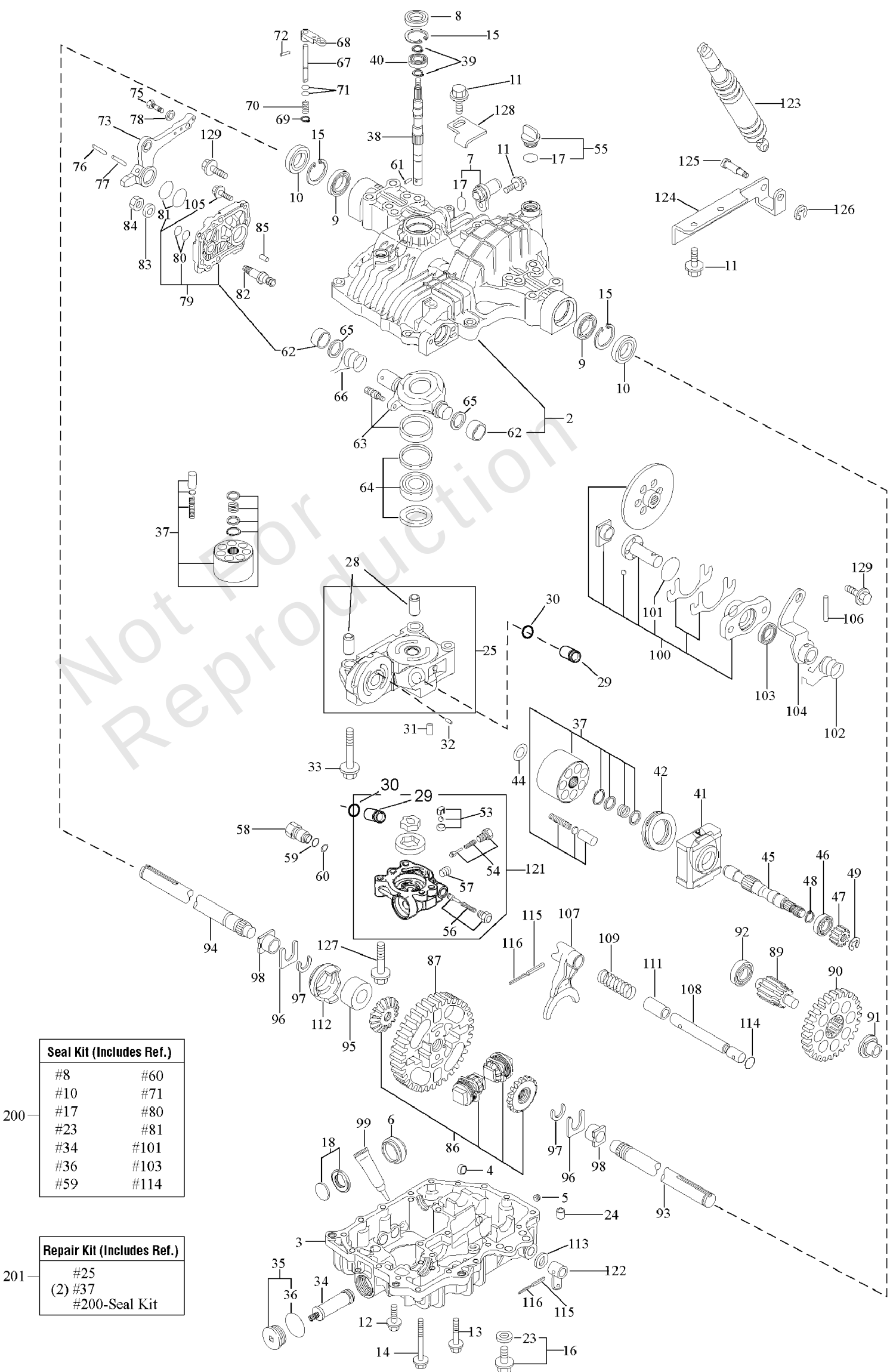
Footnotes:

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Transmission SERVICE PARTS - Tuff Torq K71E with Diff Lock (1721404)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



Transmission SERVICE PARTS - Tuff Torq K71E with Diff Lock (1721404)

REF NO	PART NO	QTY	DESCRIPTION
112	-----	1	*SLIDER, (Diff. Lock)
113	-----	1	*WASHER, 17 x 32 x 3
114	1720872SM	1	PACKING
115	1707840SM	2	PIN, 6.0A x 32
116	1707893SM	2	PIN, 3.5A x 32
121	1720822SM	1	PUMP CASE
122	1720868SM	1	ARM, Differential Lock
123	1718039SM	1	SHOCK ABSORBER
124	1724704SM	1	STAY
125	1724705SM	1	PIN
126	-----	1	*E-RING, 8
127	1720833SM	1	BOLT 8 x 45
128	-----	1	*STOPPER, Brake
129	1720867SM	2	BOLT, 8 x 25
200	1727539SM	1	SEAL KIT, K71J
201	-----	1	*KIT, Seal

Not For
Reproduction

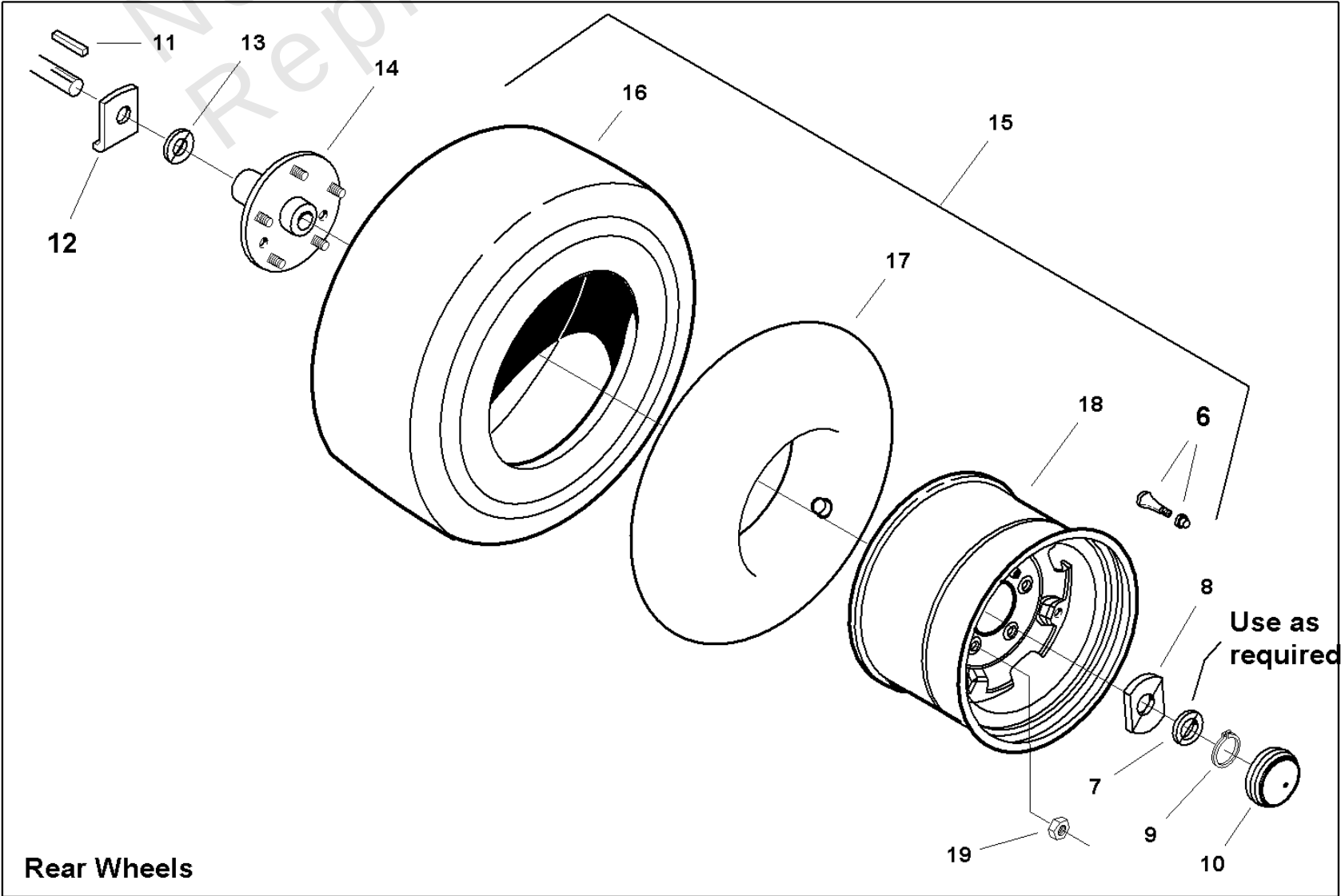
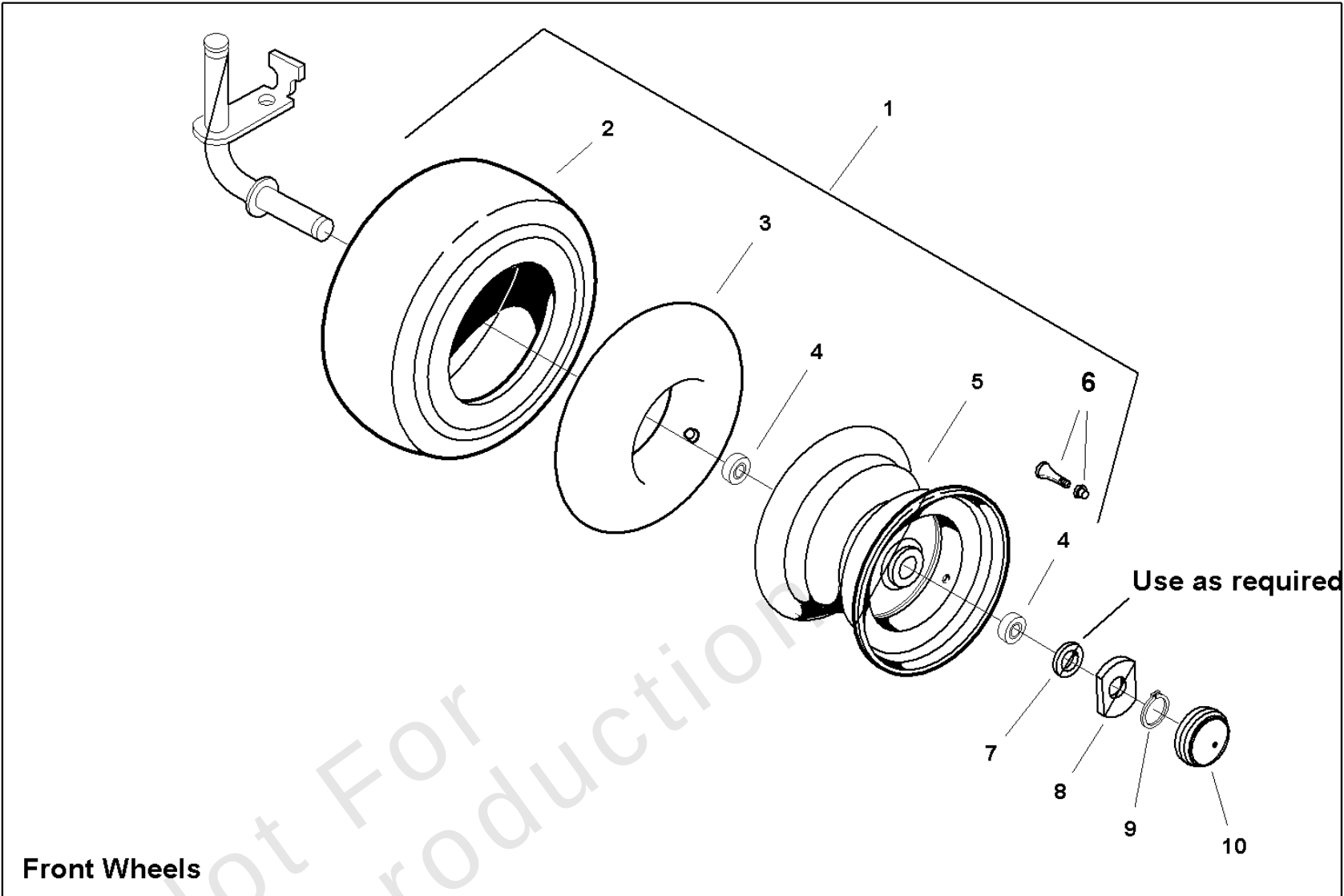
Footnotes:

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Wheels & Tires Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690242



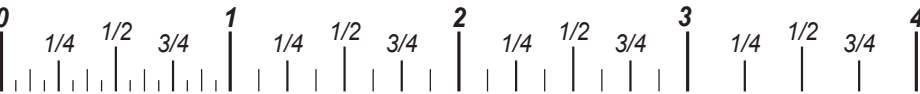
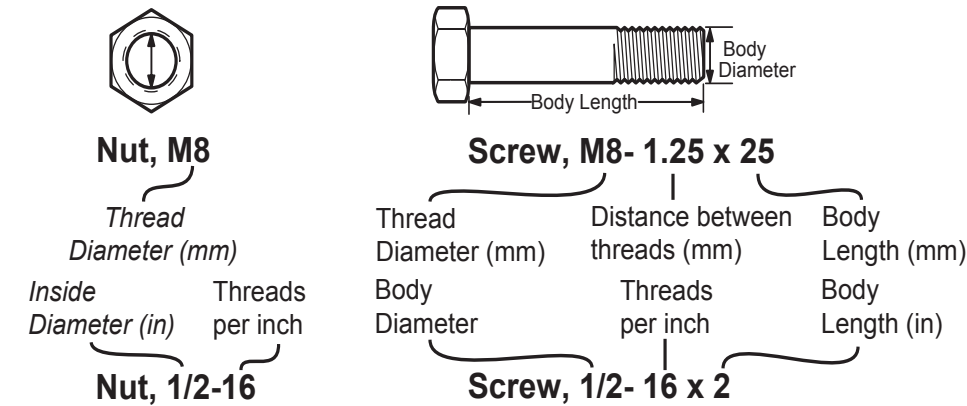
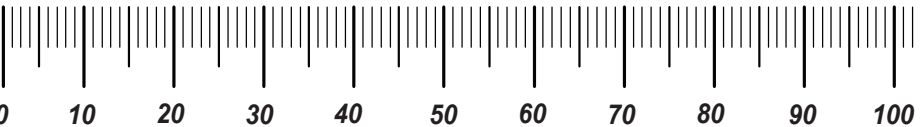
Wheels & Tires Group

REF NO	PART NO	QTY	DESCRIPTION
1	1722305SM	2	WHEEL & TIRE ASSEMBLY, Front (Includes Ref. 2, 3, 4, 5 & 6)
2	1722833SM	1	TIRE, 16 x 6-1/2, 8 Super Turf, Front
3	2164247SM	1	TUBE, Tire 16 x 6 1/2 - 8, Front
4	1717056SM	2	BEARING, Ball
5	1722834SM	1	WHEEL, 5-3/8 x 7-15/16, Front
6	2172353SM	2	VALVE STEM & CAP ASSEMBLY, Air
7	1919394SM	4	WASHER, 1
8	1722726SM	8	WASHER, Special, 1 x 2-1/2
9	2832577SM	6	RING, Retainer
10	1722676SM	4	CAP, Hub Grey
11	2105337SM	2	KEY, HI PRO, 1/4 x 2
12	1719172ASM	2	WASHER, Axle Seal "L", 2-1/2 x 2-17/32
13	2860200SM	4	WASHER, 1
14	1721400SM	2	PLATE & HUB ASMY
15	1722766SM	2	WHEEL & TIRE ASSEMBLY, Rear 23" (Includes Ref. 6, 16, 17 & 18)
16	1722830SM	1	TIRE-23 X 10.50-
17	2157638SM	1	TUBE, Tire 23 x 10 1/2 - 12, Rear
18	-----	1	WHEEL-REAR 12X7.
19	2177725SM	10	NUT, Hex, 7/16-20, For Wheel Bolt

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).

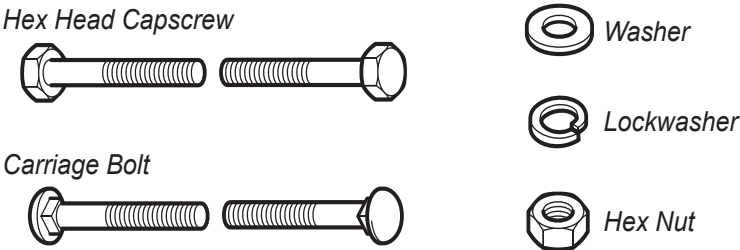
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

