

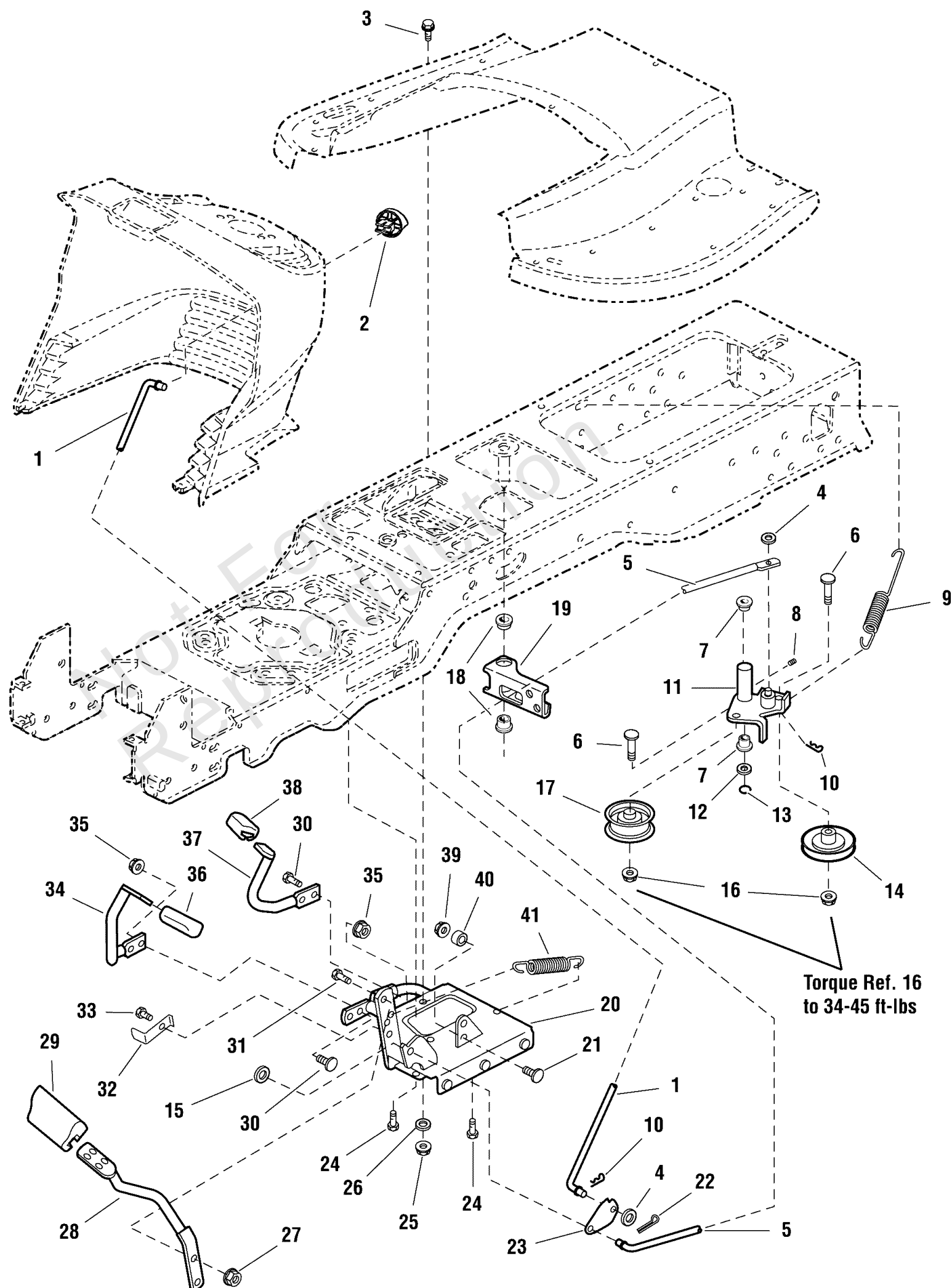


Parts Manual

Mfg. No: 1695102
2825H, 25HP Kohler Hydro w/PS RMO

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Not For
Reproduction



Torque Ref. 16
to 34-45 ft-lbs

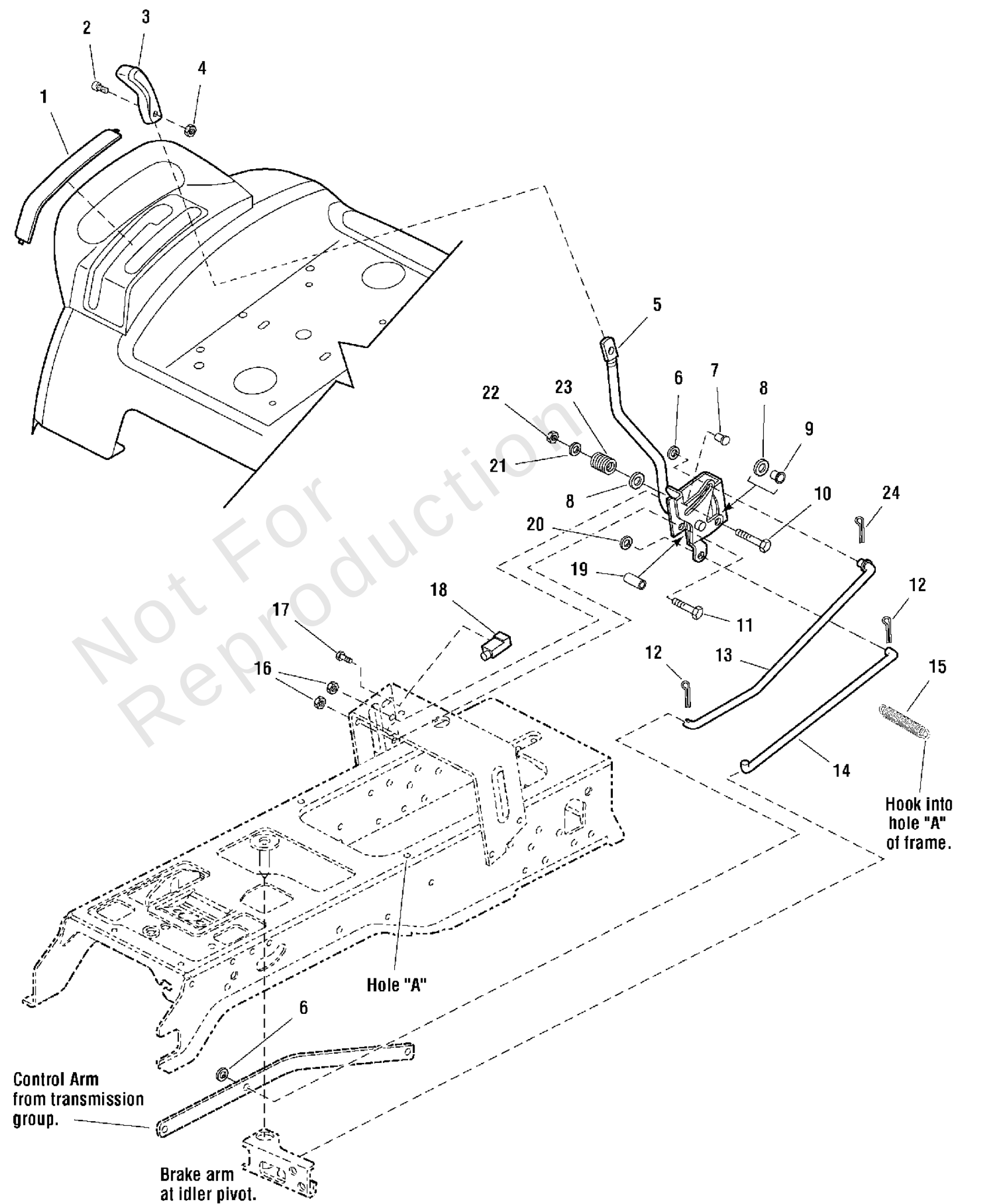
Controls Group

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	BOLT, Carriage, 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	1726763AYP	1	PEDAL ASSY.
21	1931320SM	1	BOLT, Carriage, 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	BOLT, Carriage, 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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



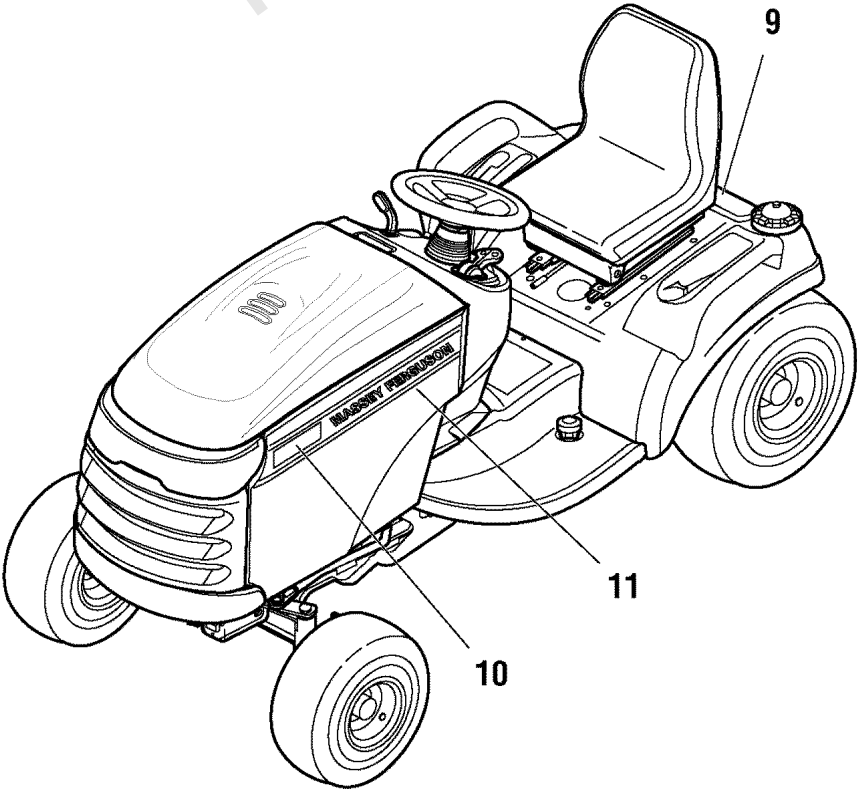
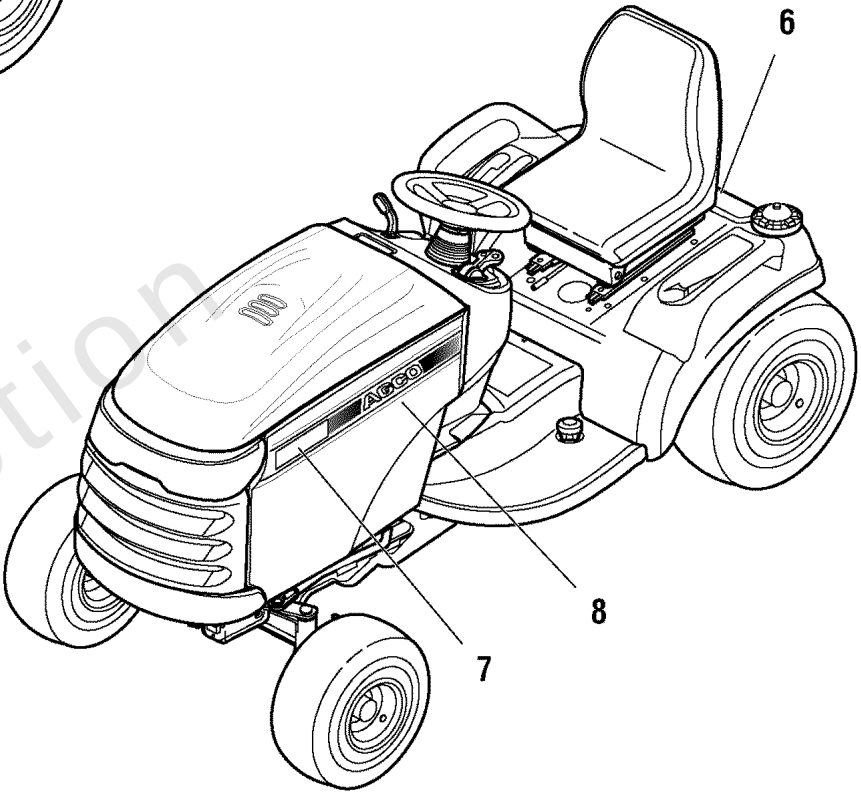
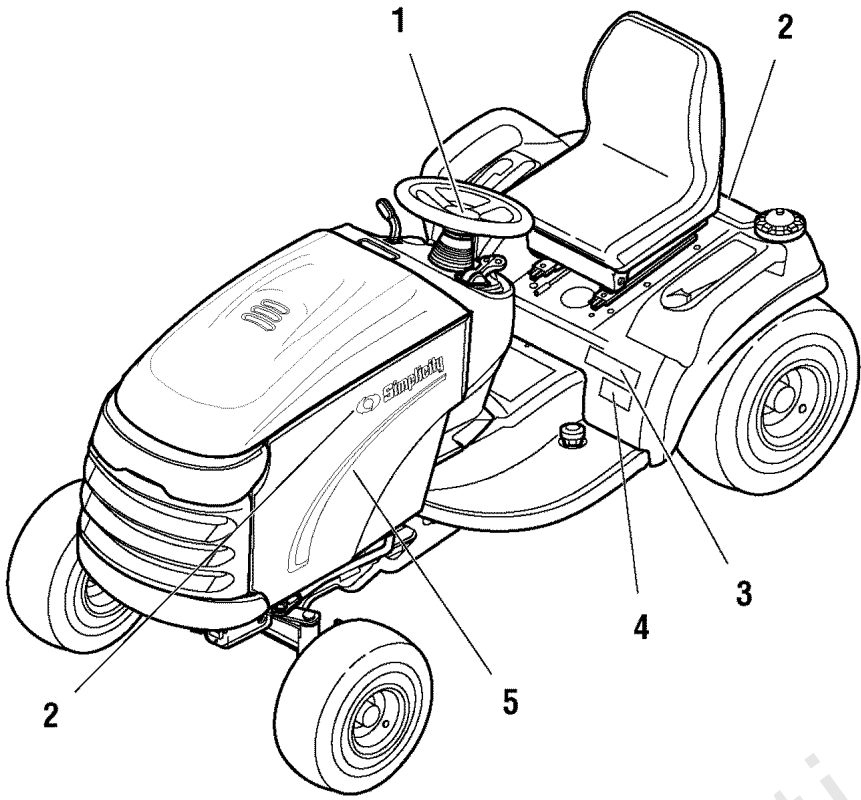
Controls Group - Cruise Control

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



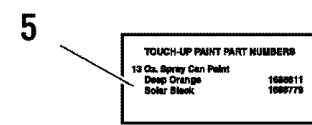
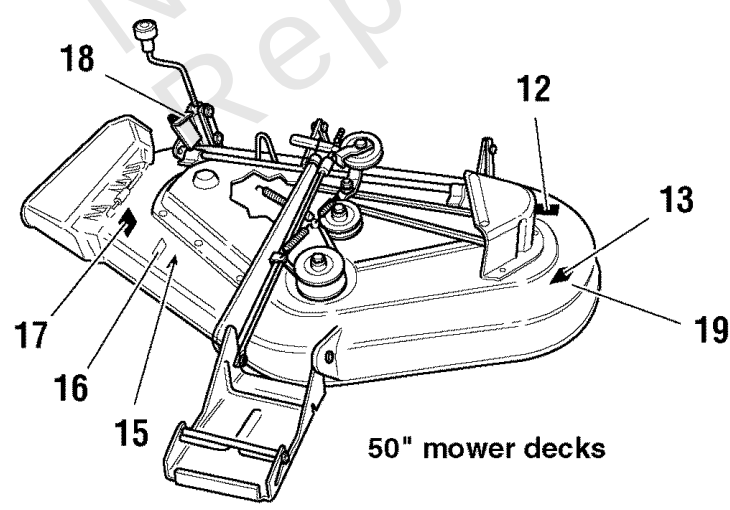
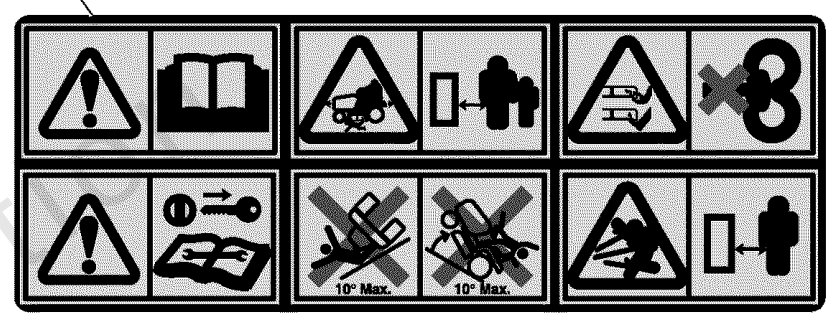
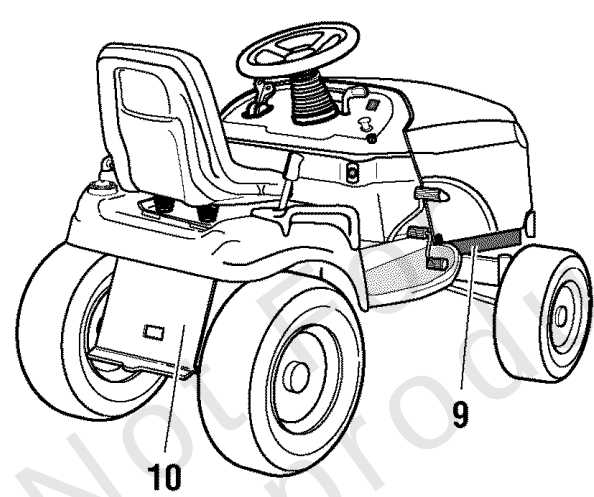
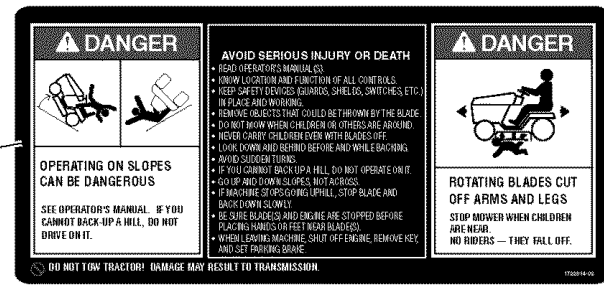
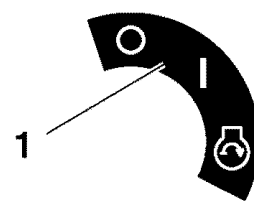
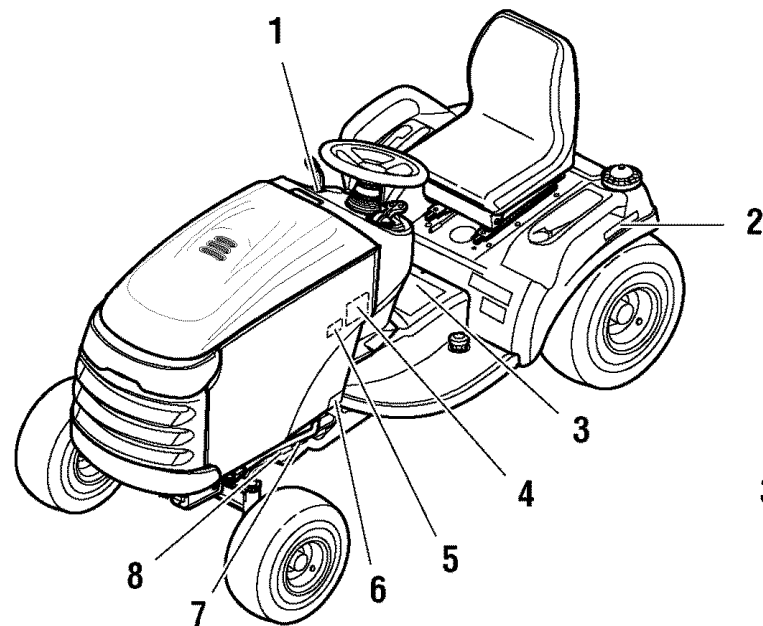
Decals Group - Brand & Model

REF NO	PART NO	QTY	DESCRIPTION
1	1731418SM	1	DECAL, SMI Steering Wheel Icon Orange
2	1722551SM	3	DECAL, Simplicity Silver & Blue w/Icon
3	1722821SM	1	DECAL, Prestige, Silver & Blue
4	1722783SM	1	DECAL, 25HP Silver on Clear
4	1733190SM	1	DECAL, 27HP Silver on Clear
5	1722773SM	1	DECAL, Hood Stripe R.H. SMI Blue & Silver
5	1722774SM	1	DECAL, Hood Stripe L.H. SMI Blue & Silver
6	1708926SM	1	DECAL, AGCO, Logo
7	1733287SM	2	DECAL, 1825, AGCO White/Clear
7	1733288SM	2	DECAL, 1827, AGCO White/Clear
8	1722817SM	1	DECAL, Hood Stripe L.H. AGCO
8	1722818SM	1	DECAL, Hood Stripe R.H. AGCO
9	1714363SM	1	DECAL, Massey Ferguson Logo
10	1733290SM	2	DECAL, 2825, Massey
10	1733291SM	2	DECAL-2827- MASSEY PR
10	1733291SM	2	DECAL-2827- MASSEY PR
11	1727783SM	1	DECAL, Hood Stripe L.H. Massey
11	1727784SM	1	DECAL, Hood Stripe R.H. Massey

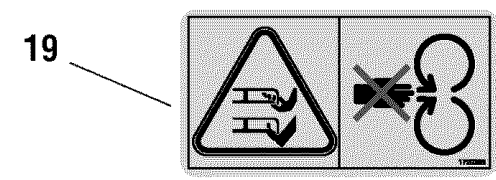
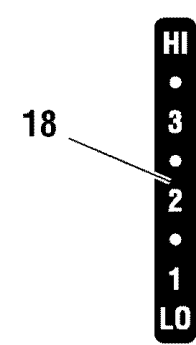
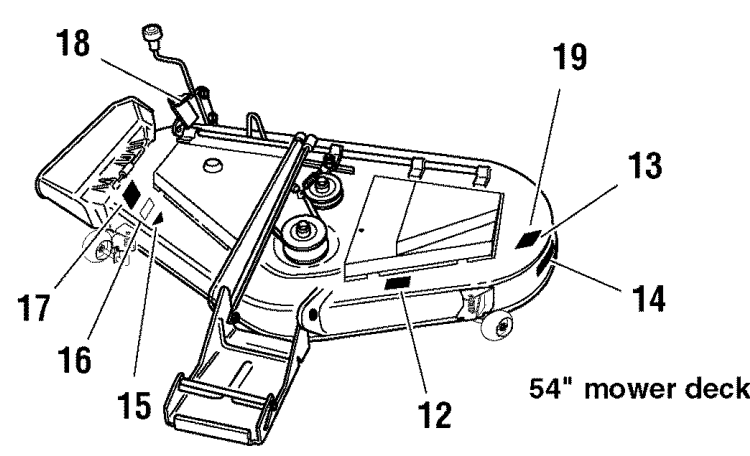
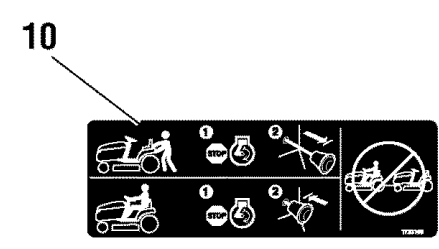
Decals Group - Safety & Common

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



MOWER BELTS & BLADES	
38" Mower	
Drive Belt	1710864
Mower Blade - Left	1704888
Mower Blade - Right	1704101
40" Mower	
Drive Belt	1801672
Deck Drive Belt	1870251
Mower Blade - Left	1704888
Mower Blade - Right	1704101
44" Mower	
Drive Belt	1801672
Deck Drive Belt	1870251
Mower Blade	1704888
50" Mower	
Drive Belt	1710864
Mower Blade - Left	1704888
Mower Blade - Right	1704101
54" Mower	
Drive Belt	1801672
Deck Drive Belt	1870251
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
2	1718025SM	1	DECAL, Automatic Controlled Traction
3	1726923SM	1	DECAL, Tunnel Cover Danger Slopes, Blades
3	1723175SM	1	DECAL, Tunnel Icons -(CE/Export Only)
4	1727014SM	1	DECAL, Drive Belts, Mower Blades
5	1720454SM	1	DECAL, Touch Up Paint
6	1723296SM	2	STICKER, Protection
7	-----	1	DECAL, I.D. Plate
8	-----	1	LABEL, Decibel, Power Mass -(CE/Export Only)
9	-----	1	DECAL, Patent
10	1723160SM	1	DECAL, Transmission Release Valve
12	-----	1	DECAL, I.D. Plate
13	1704277SM	1	DECAL, Danger Do Not Operate w/o Deflector
14	1722771SM	1	DECAL, Free Floating Mower -(Used only on 44" & 54" deck)
15	-----	1	DECAL, OPEI Certified
16	1722789SM	1	DECAL, 44" Silver on Black w/Stripe
16	1722790SM	1	DECAL, 50" Silver on Black w/Stripe
16	1722791SM	1	DECAL, 54" Silver w/Black Stripe
17	1704276SM	1	DECAL-DANGER DO NOT P
18	1721197SM	1	DECAL, 1 2 3 4 5 6, Height of Cut White/Black
19	1720389SM	1	DECAL-DANGER ROTATING -(CE/Export Only)

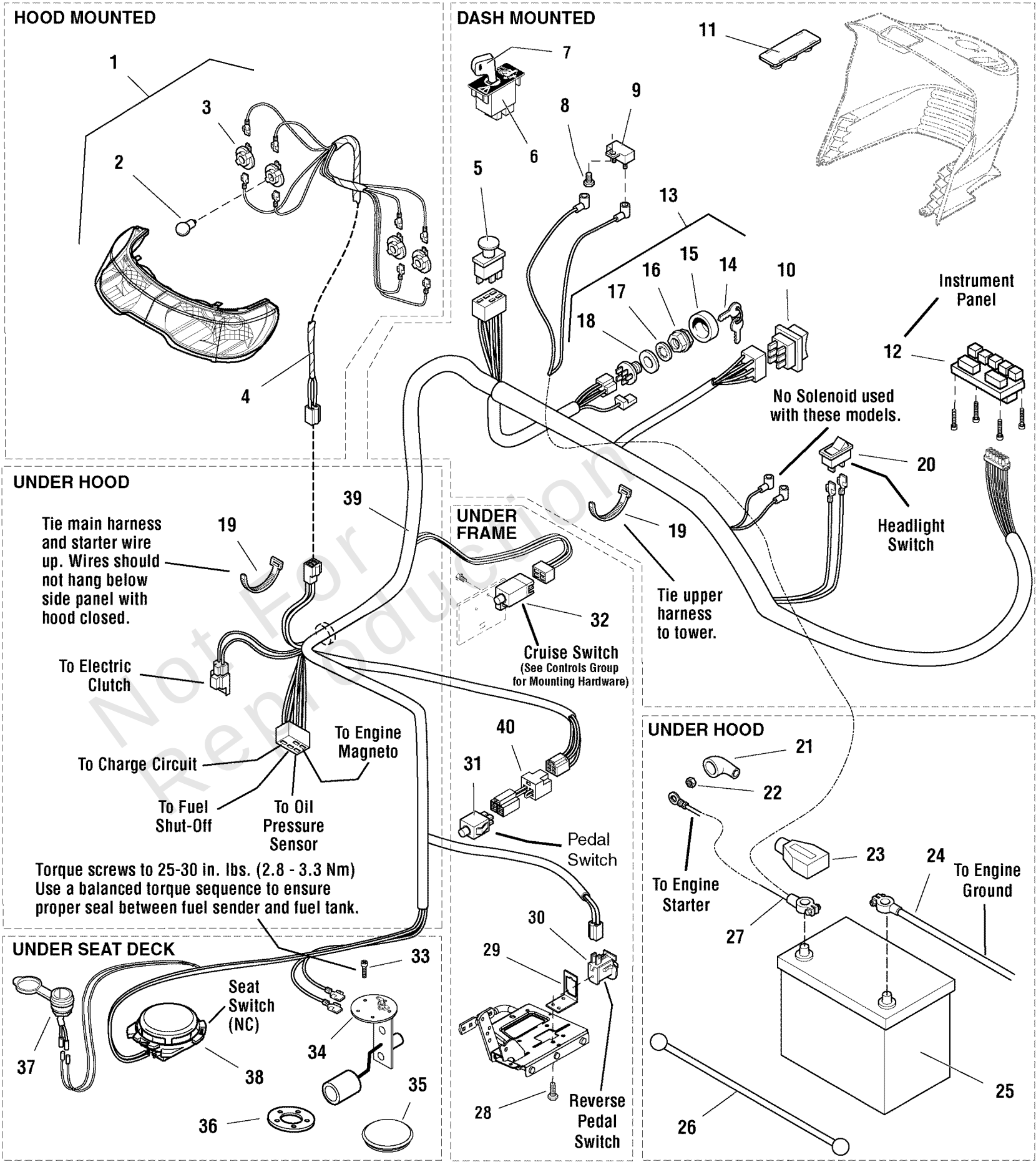
Footnotes:

Note:* Not a serviceable part.

Electrical Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



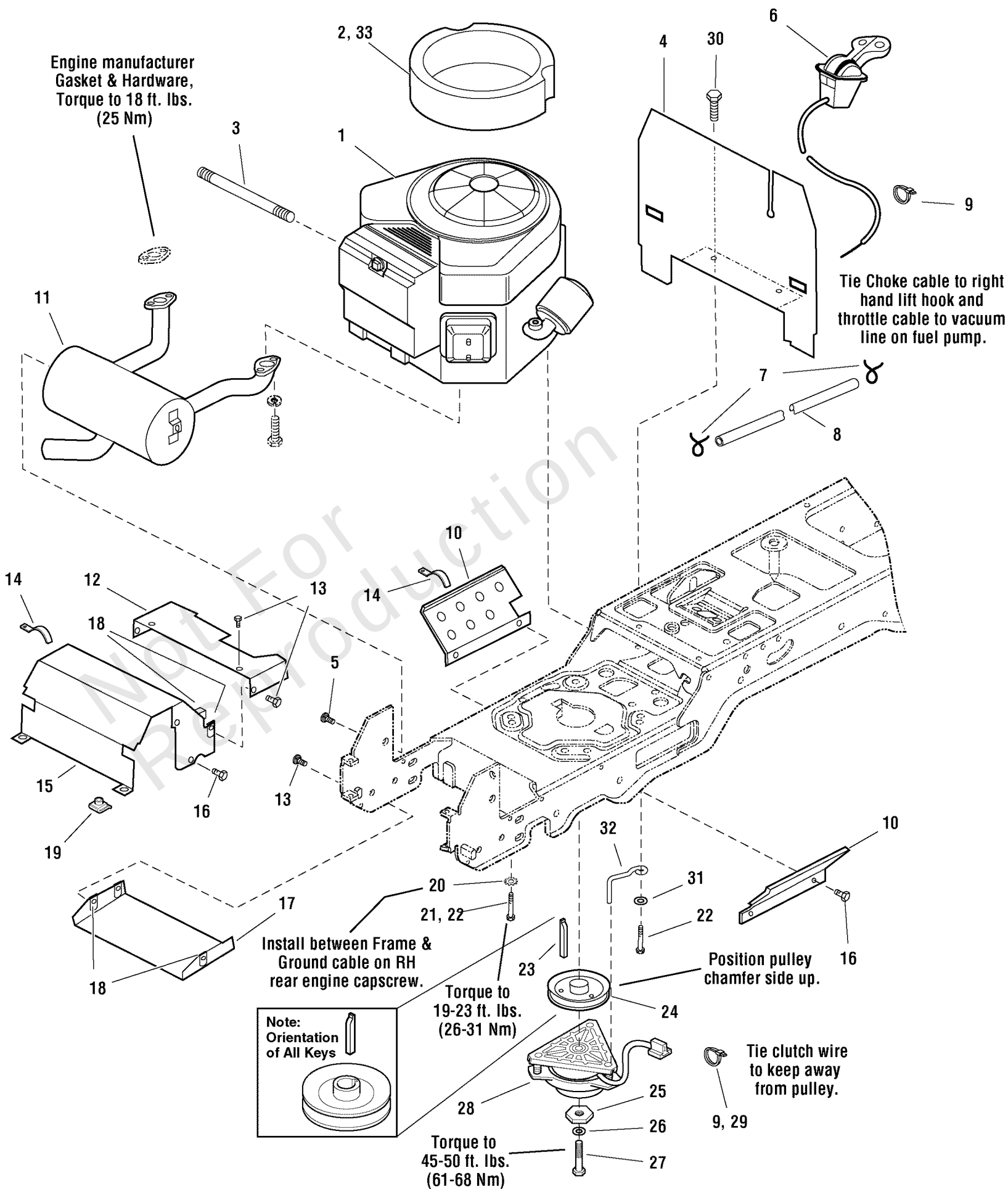
Electrical Group

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	1726556SM	1	SWITCH, RMO Module Only
7	1726557SM	1	KEY, RMO Module, Plastic
8	1925003SM	2	CAPSCREW, Hex Washer Head Taptite 1/4-20 x 1/2
9	1665238SM	1	BREAKER-CIRCUIT
10	1716329SM	1	SWITCH, Electric Lift Rocky -(Used only on Electric HOC Models)
11	1722611SM	1	PLUG-HOLE BLACK
12	1725074SM	1	PANEL, Instrument w/Fuel Gage
13	1686734SM	1	IGNITION SWITCH
14	1717163SM	1	KEY-IGNITION INDAK
15	1717550SM	1	COVER, Switch
16	1717549SM	1	NUT, Hex Flange 5/8-32 Ignition Switch Die Cast
17	1960547SM	1	LOCKWASHER-INTERNAL
18	2101025SM	1	WASHER, 5/8
19	1701011SM	5	TIE, Self Locking
20	1716951SM	1	SWITCH, Headlight
21	1724588SM	1	COVER, Terminal Red
22	2860433SM	1	NUT, Hex Flange
23	1713534SM	1	INSULATOR, Battery
24	1716333SM	1	CABLE
25	1686714SM	1	BATTERY, 12 Volt, 6 Cell, 500 Amps CCA
26	1722009SM	1	STRAP
27	1717001SM	1	CABLE
28	1929000SM	1	SCREW, Hex Washer Head Taptite, 1/4-20 x 3/8
29	1726810ASM	1	BRACKET, Switch Mounting
30	1732004SM	1	SWITCH-PUSH BUTTON
31	1732006SM	1	SWITCH, Push Button, Foot Pedal
32	1717050SM	1	SWITCH-PUSH BUTT
33	2860665SM	5	SCREW, Pan Head Torx #10-32 x 1/2
34	1686921SM	1	SENDER, Fuel Tank
35	1722309SM	1	PLUG, Hole
36	1685303SM	1	GASKET
37	1725302SM	1	OUTLET, 12 Volt
38	1718981SM	1	SWITCH, Operator Present, Seat
39	1730192SM	1	HARNESS, Wiring w/12 Volt
39	1733220SM	1	HARNESS, Wiring w/12 Volt & Electric HOC
40	1734025SM	1	WIRING ASSEMBLY, All Conditions Shutdown -(CE/Export)

Engine Group - Electric Clutch - 23HP, 25HP & 27HP Kohler

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



Engine Group - Electric Clutch - 23HP, 25HP & 27HP Kohler

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	ENGINE, 23HP Kohler Command - Model CV23S Spec PS-75553
1	-----	1	ENGINE, 25HP Kohler Courage Twin - Model SV730S Spec PS-SV730-0020
1	-----	1	ENGINE, 25HP Kohler Command Twin - Model CV730S
1	-----	1	ENGINE, 27HP Kohler Command Twin - Model CV740S Spec PS-CV740-0040
2	1719847SM	1	SEAL, Foam -(Only used on 23HP Models)
3	1723165SM	1	HOSE, Oil Drain
4	1722388ASM	1	BULKHEAD
5	1924856SM	2	CAPSCREW, Hex Washer Head Taptite 5/16-18 x 1/2
6	1727223SM	1	CONTROL, Throttle Double 39.0 LG w/Knobs -(Used on all models except 25HP Kohler Courage)
6	1727375SM	1	THROTTLE, Control Double 51.0 LG w/Knobs -(Only used on 25HP Kohler Courage)
7	2860112SM	1	CLAMP, Hose
8	1718678SM	1	HOSE, Fuel
9	1701011SM	3	TIE, Self Locking
10	1722392ASM	2	SHIELD, Side
11	1721705SM	1	MUFFLER, Kohler Twin
12	1722390ASM	1	DUCT-MUFFLER EXT-BLAC -(Used on all models except 25HP Kohler Courage)
12	1733884ASM	1	DUCT, Muffler -(Only used on 25HP Kohler Courage)
13	1960295SM	4	CAPSCREW, Hex Whiz Lock Flange 1/4-20 x 5/8
14	2834683SM	2	CLIP, Speed Wire
15	1722389ASM	1	DUCT-MUFFLER TOP-BLAC
16	1927428SM	8	SCREW, Hex Washer Head Taptite 1/4-20 x 3/8
17	1722414ASM	1	SHIELD, Muffler
18	1960368SM	4/8	NUT, Speed 1/4-20 Lug Type
19	1935255SM	2	NUT, SPEED, 5/16-18 L
20	2820427SM	1	LOCKWASHER, External Tooth 3/8
21	2827187SM	3/4	CAPSCREW, Hex Washer Head Taptite 3/8-16 x 1 -(Used only on 25HP Courage & 27HP Command)
22	704010	1/4	SCREW, HEX, 3/8-16 -(Used on all models except 27HP)
23	1720463SM	1	KEY, Hi-Pro
24	1722288SM	1	PULLEY & HUB ASMY
25	1708264SM	1	WASHER, HEX, 0.453ID
26	1918199SM	1	LOCKWASHER, Spring
27	1960649SM	1	CAPSCREW, Hex Head 7/16-20 x 3-1/2 G5
28	1686883SM	1	CLUTCH, Electric
29	2832747SM	1	TIE, Self Locking -(Used only on 23HP models)
30	1925003SM	2	CAPSCREW, Hex Washer Head Taptite 1/4-20 x 1/2
31	1924940SM	1	WASHER, 3/8 -(Used on all models except 23HP)
32	1732026SM	1	RETAINER, Clutch -(Used on all models except 23HP)
33	1734166SM	1	EDGING, Rubber -(Used on all models except 23HP)

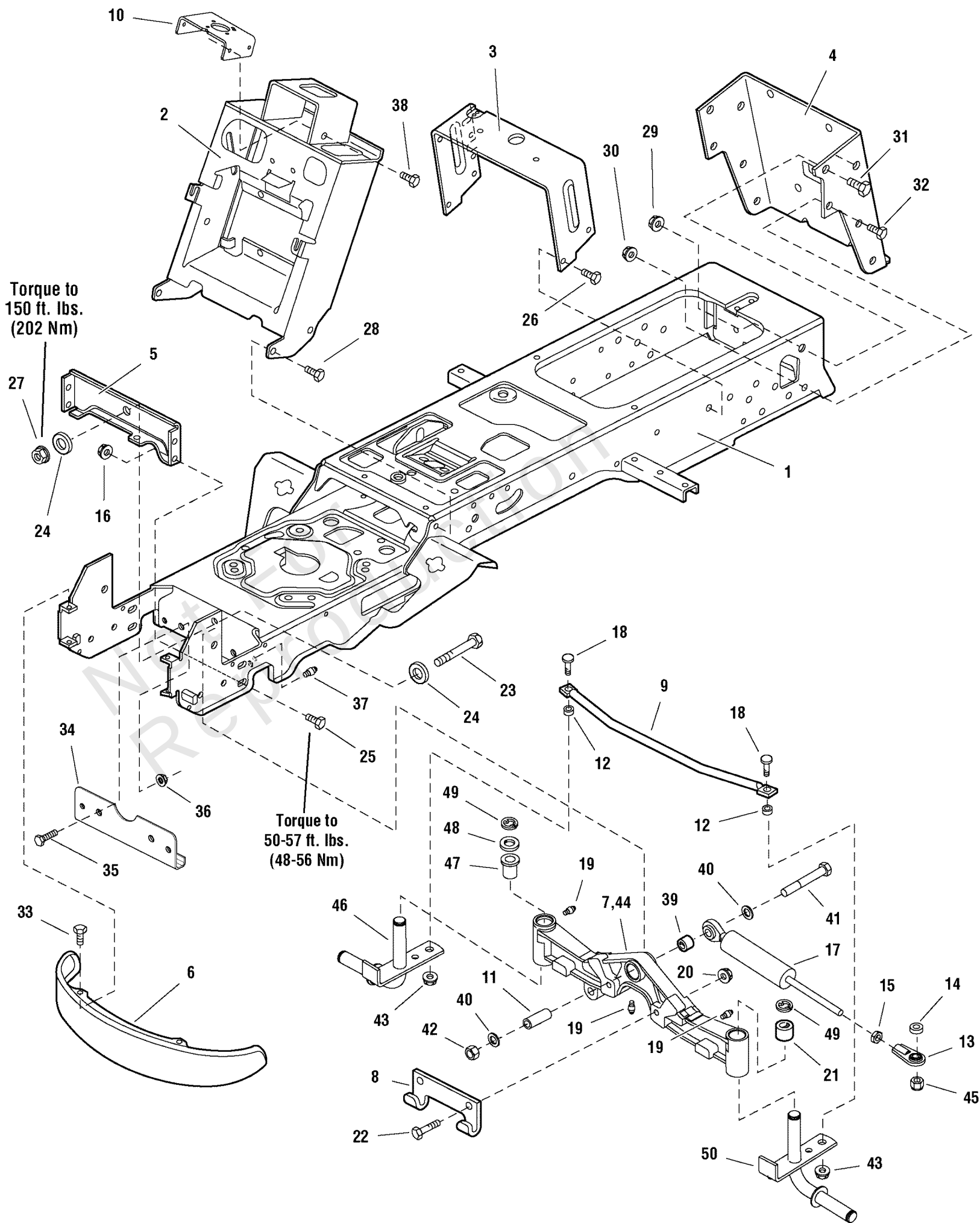
Footnotes:

Note:* See your local Kohler distributor for parts and service.

Frame Group - Power Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



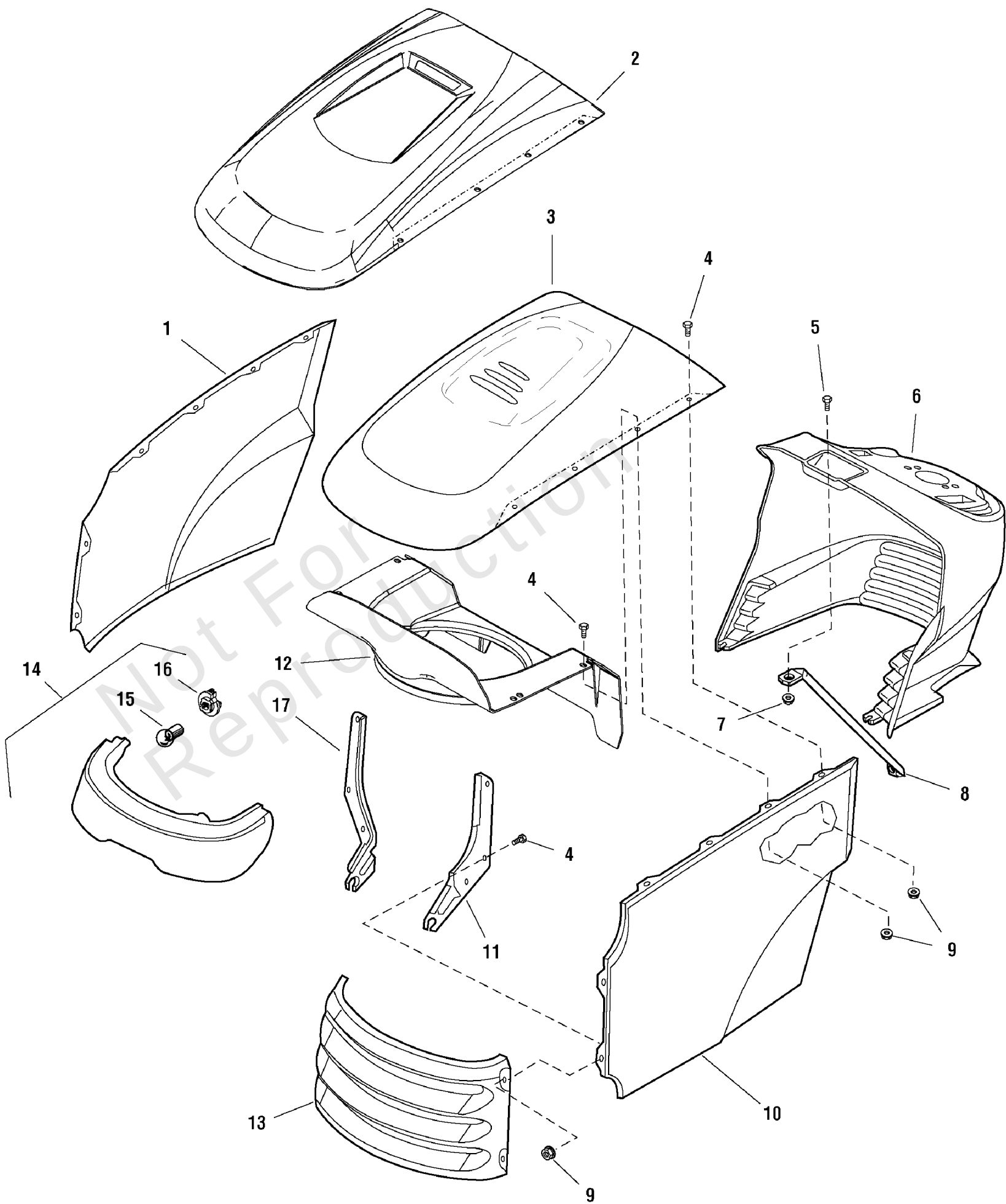
Frame Group - Power Steering

REF NO	PART NO	QTY	DESCRIPTION
1	1733765A	1	FRAME ASSEMBLY, Front & Rear
2	1733139A	1	TOWER & SUPPORT ASSEMBLY
3	1723528A	1	SUPPORT, Seat Deck
4	1722602A	1	BACKPLATE, Hitch
5	1722212A	1	PLATE, Axle Support
6	1721805A	1	BUMPER
7	1732937A	1	AXLE, SPINDLES & BUSHINGS ASSEMBLY -(Includes Ref. Nos. 19, 21, 44, 45, 46, 47, 48, 49 & 50)
8	1721918A	1	HOOK, "J"
9	1732759A	1	ROD, Tie, Flat Ends
10	1733044A	1	SUPPORT, Steering Unit
11	1721752	1	SPACER, Powdered Metal
12	1611705	2	SPACER
13	1702779SM	1	JOINT-BALL .500-20 TH
14	1719725	1	SPACER
15	1919262	1	NUT, Hex Jam, 1/2-20
16	1930645	4	NUT, Hex Flange, 3/8-16 Two-Way Lock
17	1732439	1	CYLINDER, Hydraulic Steering
18	1931350	2	CARRIAGE BOLT, 3/8-16 x 1 G5
19	1704314	3	FITTING, Lube 1/4 Drive
20	1930650	2	NUT, Hex Flange 7/16-14 Two Way Lock
21	1732208	1	SPACER, Powdered Metal
22	1927531	2	CAPSCREW, Hex Head 7/16-14 x 2 G8
23	2860645	1	CAPSCREW, Hex Head 5/8-11 x 3-1/2 G5
24	1960035	2	WASHER, 5/8
25	1933260	4	CAPSCREW, Hex Flange Whiz Lock, 3/8-16 x 3/4
26	1664847SM	4	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4
27	2860646	1	NUT, Hex Flange 5/8-11 Two Way Lock
28	1923683	4	SCREW, Hex Washer Head Taptite 3/8-16 x 3/4
29	2860668	2	NUT, Hex Flange 1/2-13 Whiz Lock
30	1928352	2	NUT, Hex Flange 3/8-16 Whiz Lock Large
31	1923114	2	CAPSCREW, Hex Head 1/2-13 x 1 G5
32	1921210	2	CAPSCREW, Hex Head 3/8-16 x 1 G5
33	1960086	4	SCREW, Truss Head Torx Drive 5/16-18 x 7/8
34	1724801A	1	PLATE, Axle "U" Form
35	1930591	2	SCREW, Hex Whiz Lock Flange 5/16-18 x 3/4
36	1931277	2	NUT, Hex Flange 5/16-18 Whiz Lock
37	2821133	2	FITTING, Lube 1/4 Drive
38	1924856	4	SCREW, Hex Washer Head Taptite 5/16-18 x 1/2
39	1733912A	1	SPACER
40	1924366	2	WASHER, 5/8
41	1960713	1	CAPSCREW, Hex Head
42	1960714	1	NUT, Hex Toplock
43	1960339	2	NUT, Hex Flange, Machine Lock 3/8-16
44	1733851	1	AXLE, Front Casting
45	1960355	1	NUT, Hex Lock ESNA Heavy 1/2-13
46	1732939	1	SPINDLE & ARM ASSEMBLY, R.H.
47	1721682	6	BUSHING, Axle
48	1919394	1	WASHER, 1
49	2832577	2	RING, Retaining, Extension
50	1734531	1	SPINDLE & ARM ASSEMBLY, L.H.

Hood, Grille & Dash Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



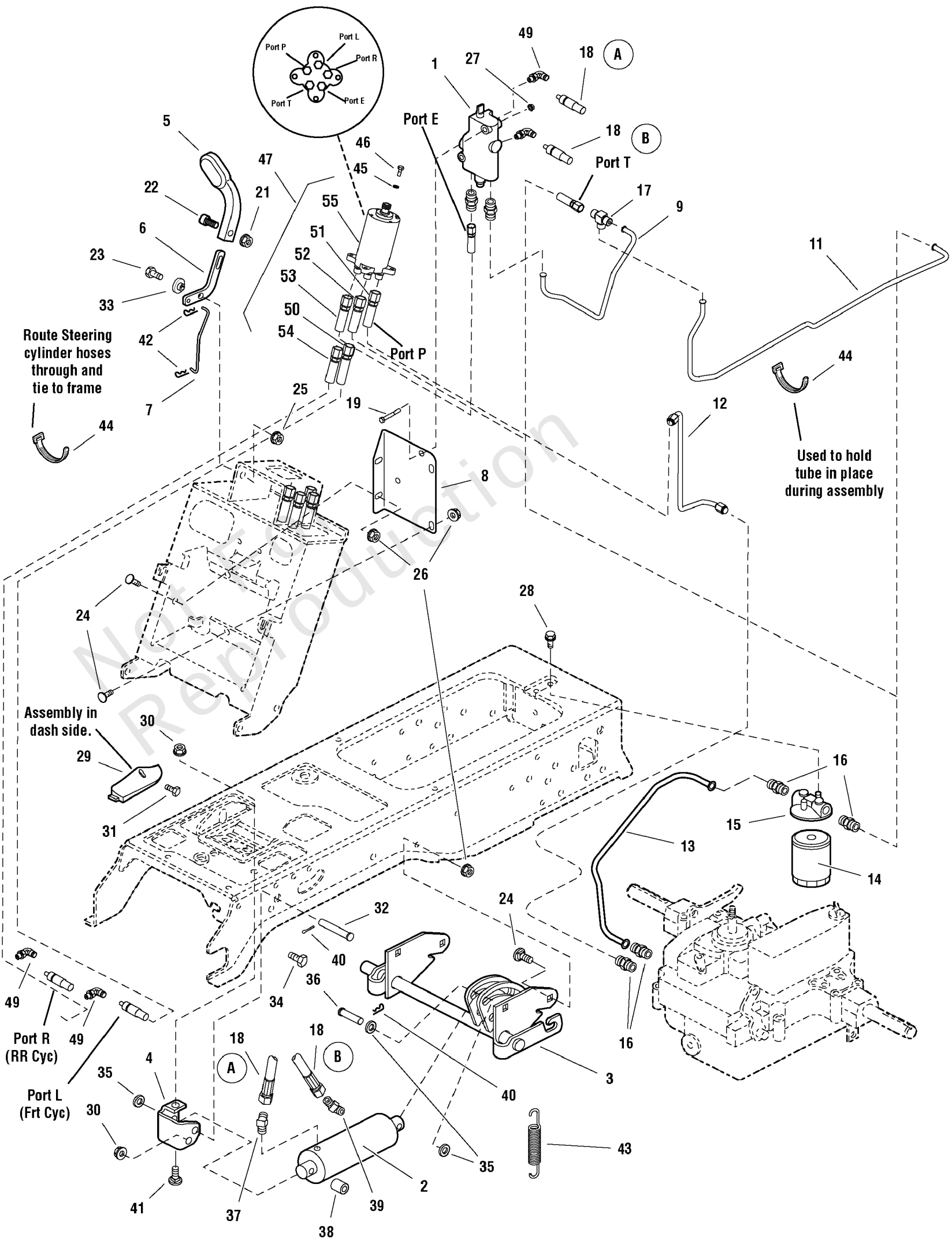
Hood, Grille & Dash Group

REF NO	PART NO	QTY	DESCRIPTION
1	1721804C	1	PANEL, RH Side, Orange
1	1721804D	1	PANEL, RH Side, Red
2	1728031D	1	HOOD, with Scoop, Red
3	1722110C	1	HOOD, with Louvers, Orange
3	1722110D	1	HOOD, with Louvers, Red
4	1960295	12	CAPSCREW, Hex Head Flange Lock,1/4-20 x 5/8
5	1960392	1	SCREW, Phillips Head, #10-24 x 1/2
6	1687054	1	DASHBOARD, RMO, Black
6	1687055	1	DASHBOARD, RMO with Hydra Lift Slot, Black
7	1933896	1	NUT, Hex Nylock,#10-24
8	1723123	1	ROD, Dash Support
9	1930641	12	NUT, Hex Flange Lock, 1/4-20
10	1721803C	1	PANEL, LH Side, Orange
10	1721803D	1	PANEL, LH Side, Red
11	1721808A	1	HINGE, LH
12	7102326	1	DUCT, Air Inlet
13	1721802C	1	GRILLE, Orange
13	1721802D	1	GRILLE, Red
14	1721810	1	HEADLIGHT ASSEMBLY -(Includes Ref. Nos. 15 & 16)
15	1677371	4	BULB, Headlight
16	1723451	4	SOCKET, Headlight
17	1721809A	1	HINGE, RH

Lift Group - Hydraulic Lift with Power Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



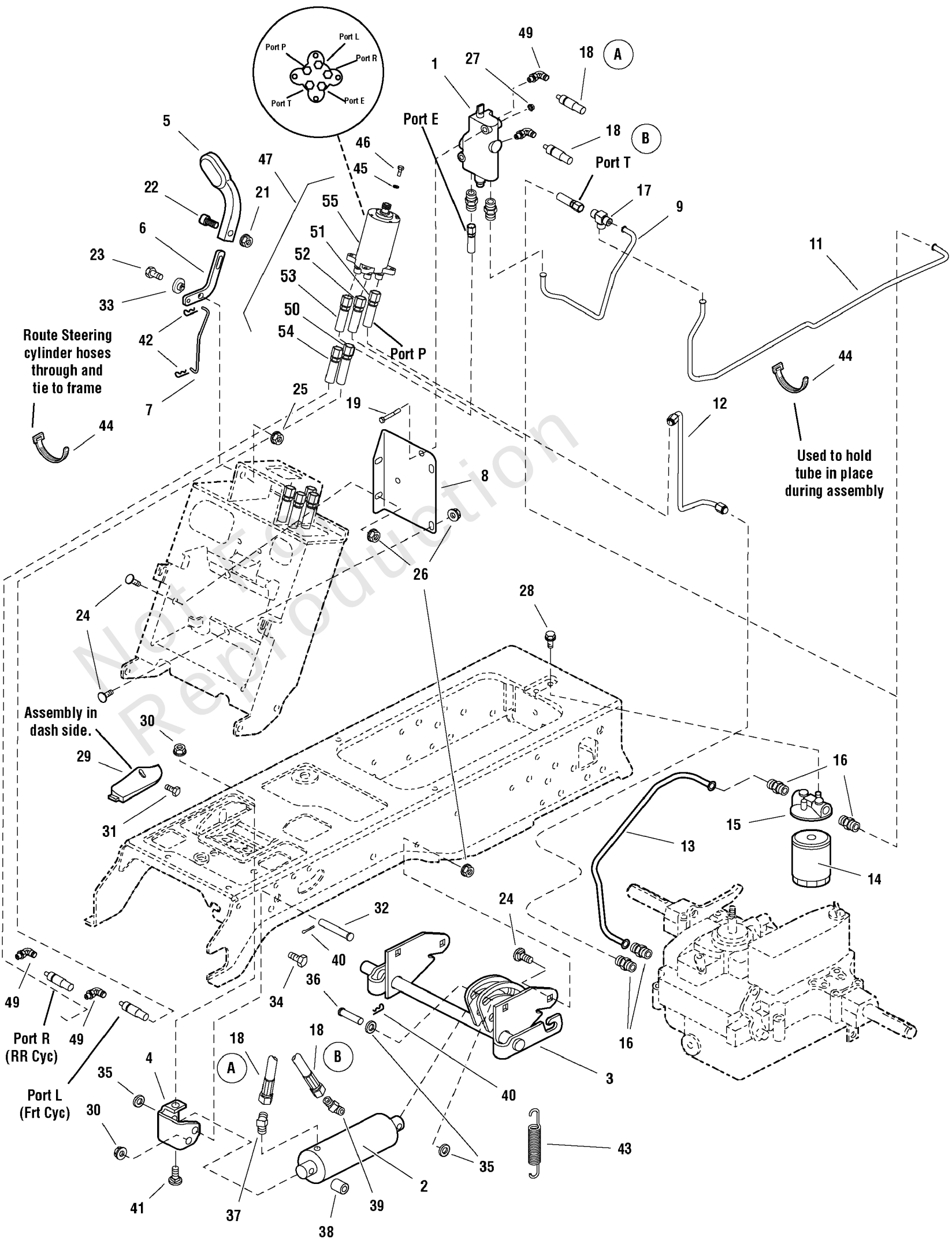
Lift Group - Hydraulic Lift with Power Steering

REF NO	PART NO	QTY	DESCRIPTION
1	1717558SM	1	CONTROL VALVE, Single Spool
2	1722266SM	1	CYLINDER, Hydraulic
3	1727436ASM	1	SHAFT ASSEMBLY, Lift
4	1722113ASM	1	SUPPORT-CYLINDER-BLAC
5	1722146SM	1	HANDLE, Lift
6	1721901SM	1	LEVER, Hydraulic
7	1727557SM	1	ROD, Curved Link
8	1721904ASM	1	SUPPORT, Control
9	1722135SM	1	TUBE, Hydraulic, 5 Bends
11	1722138SM	1	TUBE, Hydraulic, 8 Bends
12	1733727SM	1	TUBE, Hydraulic 3 Bends
13	1733427SM	1	TUBE, Hydraulic -(Used only on 4WD Hydro Lift units)
13	1722297SM	1	TUBE, Hydraulic, 5 Bends
14	1719168SM	1	FILTER, Oil
15	1719169SM	1	BASE, Oil Filter
16	1722123SM	4	FITTING, Straight
17	1733211SM	1	FITTING, Tee, 3 Ports / Hydraulic Hose
18	1733216SM	2	HOSE ASSEMBLY, Hydraulic
19	1921963SM	2	CAPSCREW, Hex Head, 1/4-20 x 2 G5
21	1920397SM	1	NUT, Hex Lock ESNA Light 1/4-20
22	1960666SM	1	SCREW, Torx Plus Socket Head 1/4-20 x 7/8
23	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
24	1931333SM	8	BOLT, Carriage, 5/16-18 x 3/4, G5
25	1919438SM	1	NUT, Hex Lock ESNA Light 5/16-18
26	1960636SM	8	NUT, Hex KEPS 5/16-18
27	2828372SM	2	NUT, Hex KEPS 1/4-20
28	1931646SM	2	SCREW, Hex Whiz Lock Flange, 1/4-20 x 1/2
29	1722285SM	1	COVER, Dash ABS
30	1960637SM	2	NUT, Hex KEPS 3/8-16
31	1722607SM	1	SCREW, Pan Head Torque, #8-16 x 1/2, Plastite
32	1722147SM	1	PIN, Clevis
33	1723244SM	1	SPACER, Pivot
34	1921210SM	1	CAPSCREW, Hex Head 3/8-16 x 1 G5
35	1960027SM	3	WASHER, 1/2
36	1722819SM	1	PIN, Flat Head Drilled
37	1722122SM	1	FITTING, Elbow 1/2
38	1722148SM	1	SPACER
39	1722141SM	1	FITTING, Elbow 1/2
40	1960033SM	2	CLIP, Hair Pin
41	1931350SM	1	BOLT, RD HD SH SQ NK
42	1923360SM	2	PIN, Cotter 5/8 x 3/4
43	2156302SM	1	SPRING, Extension
44	1701011SM	2	TIE, Self Locking
45	1916964SM	4	LOCKWASHER, Spring 1/4
46	2860444SM	4	CAPSCREW, Hex Head
47	1733506SM	1	POWER STEERING ASSEMBLY, 32CC, 5 Ports -Includes Ref. Nos. 50,51,52,53,54 & 55)
49	1733230SM	4	FITTING, Hose Elbow Perma Push 9/16-18
50	1733212SM	1	HOSE ASSEMBLY, 46" -Port L
51	1733780SM	1	HOSE ASSEMBLY, 26" -Port P

Lift Group - Hydraulic Lift with Power Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



Lift Group - Hydraulic Lift with Power Steering

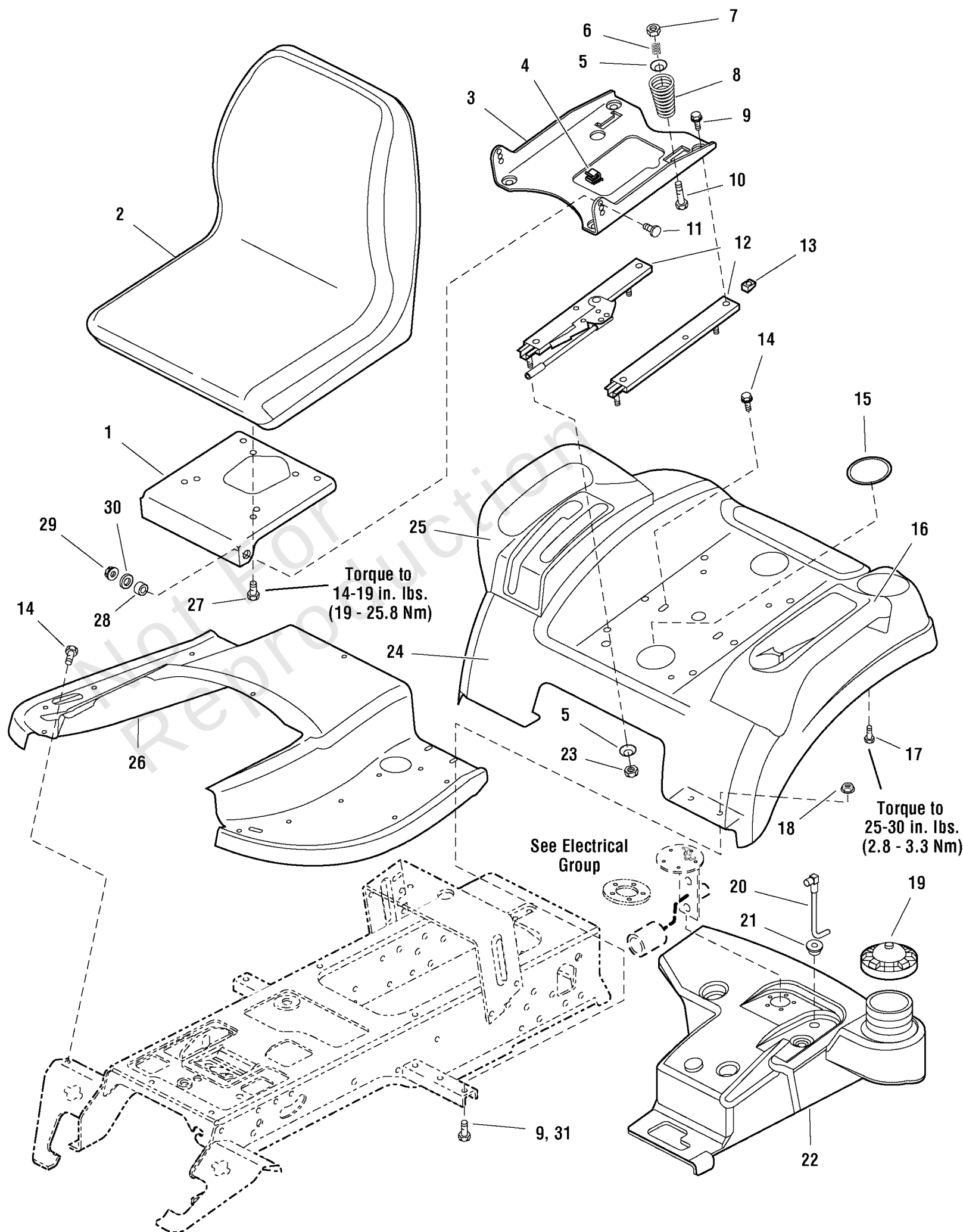
REF NO	PART NO	QTY	DESCRIPTION
52	1733214SM	1	HOSE ASSEMBLY, 18" -Port T
53	1733215SM	1	HOSE ASSEMBLY, 20" -Port E
54	1733413SM	1	HOSE ASSEMBLY, 50" -Port R
55	1732449SM	1	POWER STEERING UNIT, 32CC, 5 Ports

Not For Reproduction

Seat & Seat Deck Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



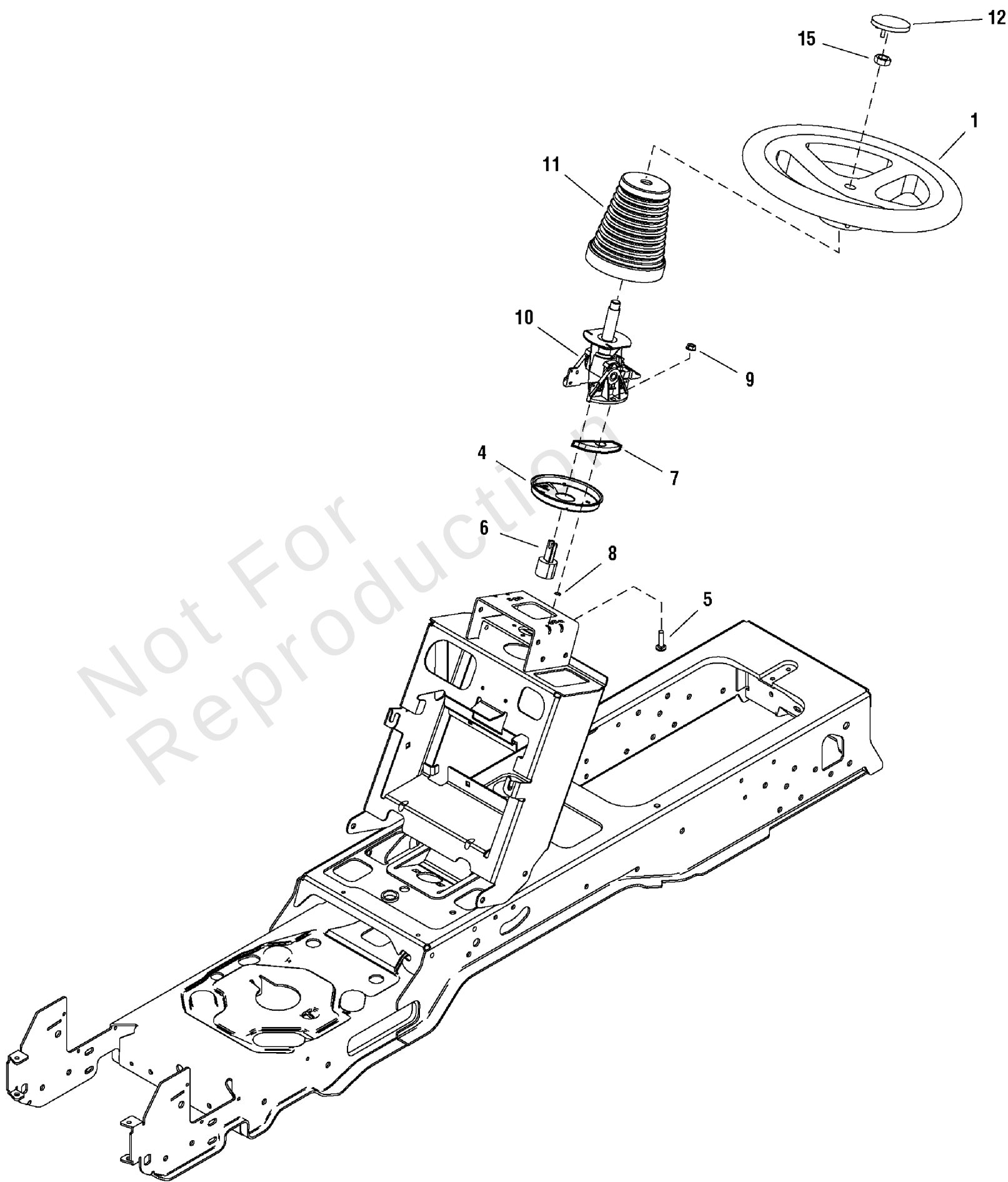
Seat & Seat Deck Group

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 - Tilt Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



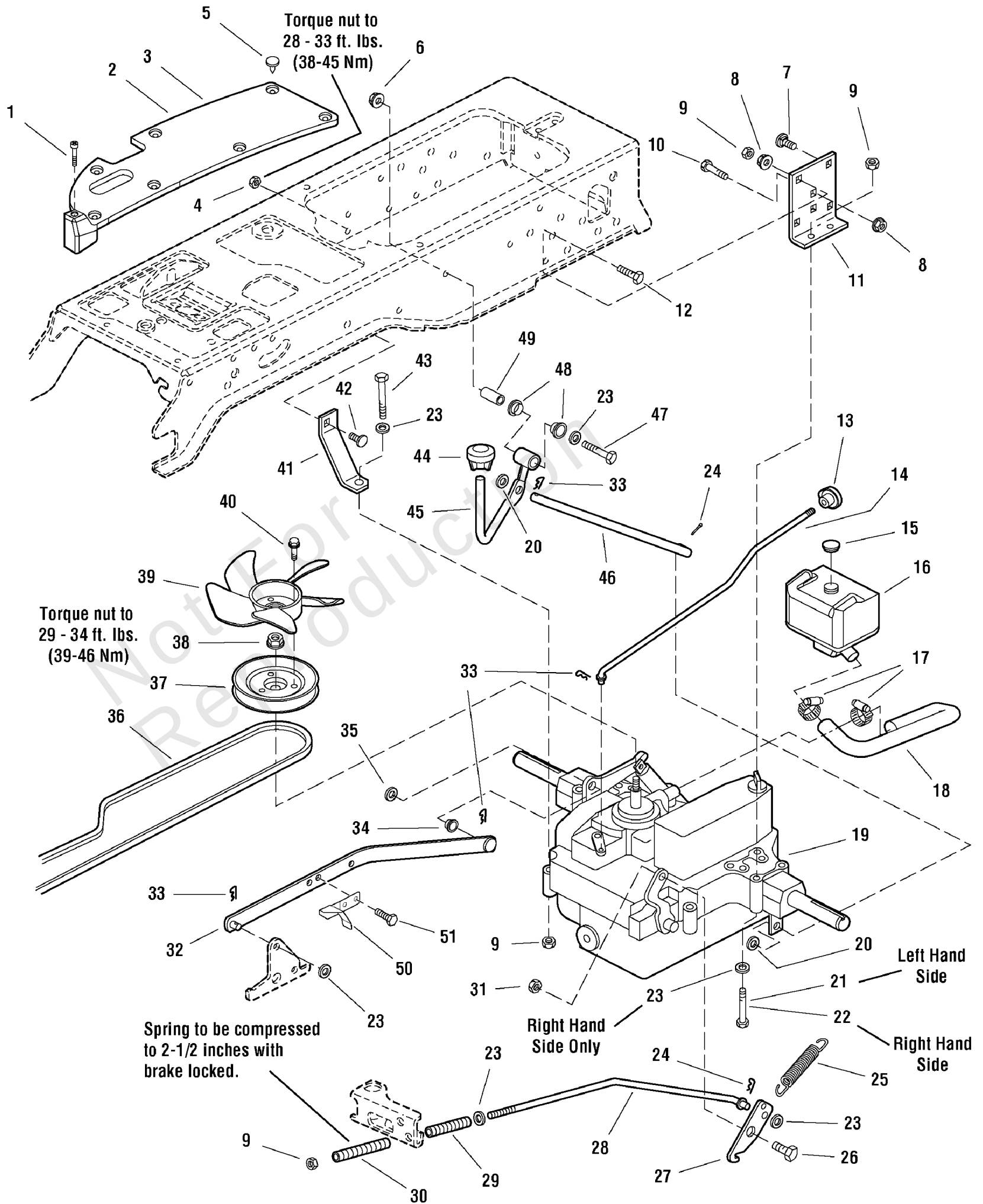
Steering Group - Tilt Steering

REF NO	PART NO	QTY	DESCRIPTION
1	1733363	1	STEERING WHEEL
4	1724685A	1	PLATE, Steering Mounting
5	1960655	2	BOLT, Carriage, 5/16-18 x 1-1/4, G5
6	1725294	1	ADAPTER
7	1723898	2	SPACER, Flat
8	1933988	2	NUT, Push Pal
9	1960636	2	NUT, Hex Keps 5/16-18
10	1734002	1	STEERING UNIT, Tilt
11	1724368	1	BELLOWS, Tilt Steering Unit w/Slot
12	1725024	1	CAP, Steering Wheel
15	1960576	1	NUT, Hex Lock ESNA Light 5/8-18

Transmission Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



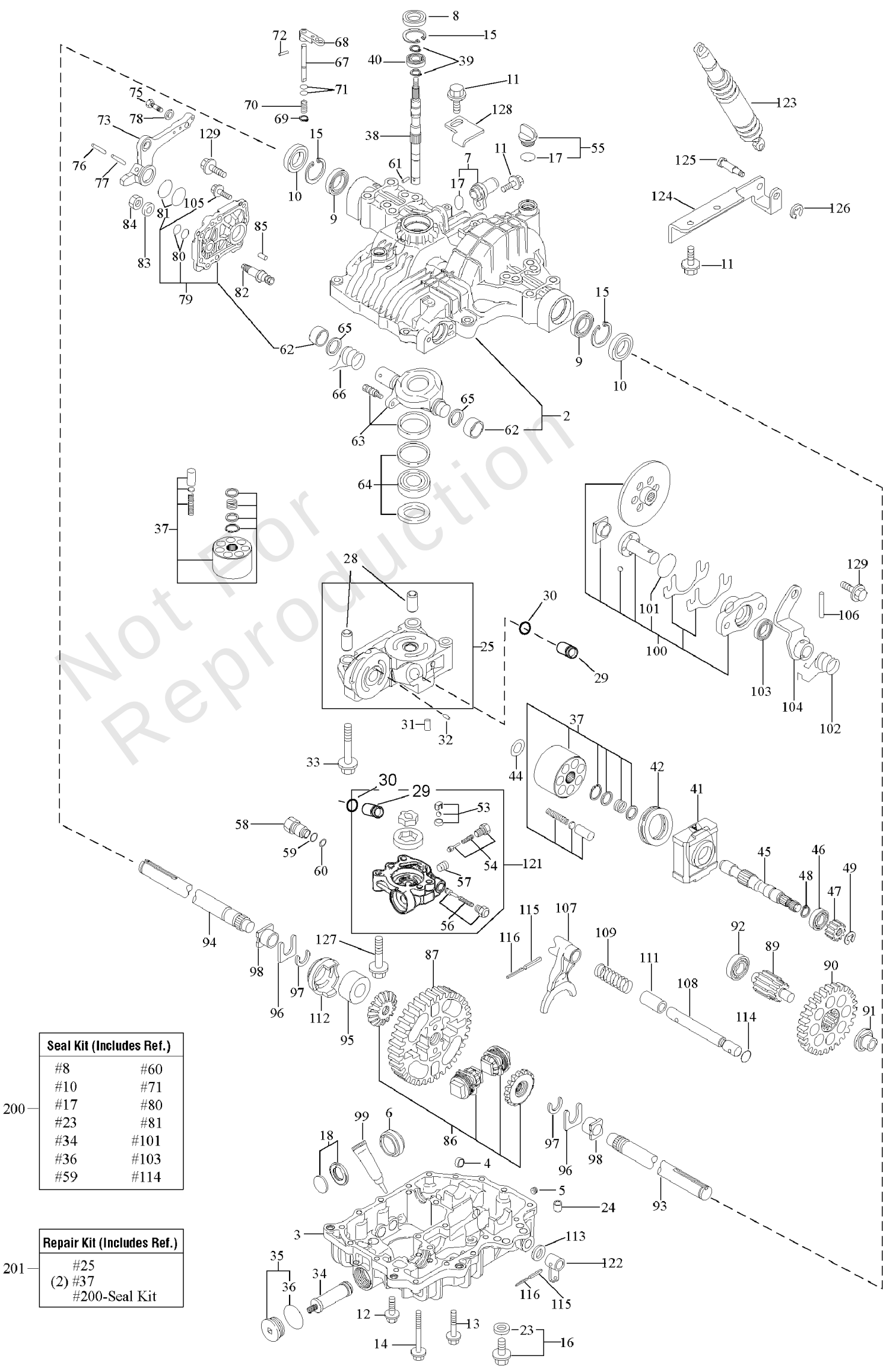
Transmission Group

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	1726753SM	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
50	1727215ASM	1	ACTUATOR, Switch
51	1924856SM	2	CAPSCREW, Hex Head Taptite, 5/16-18 x 1/2

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1695102



Seal Kit (Includes Ref.)	
#8	#60
#10	#71
#17	#80
#23	#81
#34	#101
#36	#103
#59	#114

Repair Kit (Includes Ref.)	
#25	
(2) #37	
#200-Seal Kit	

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

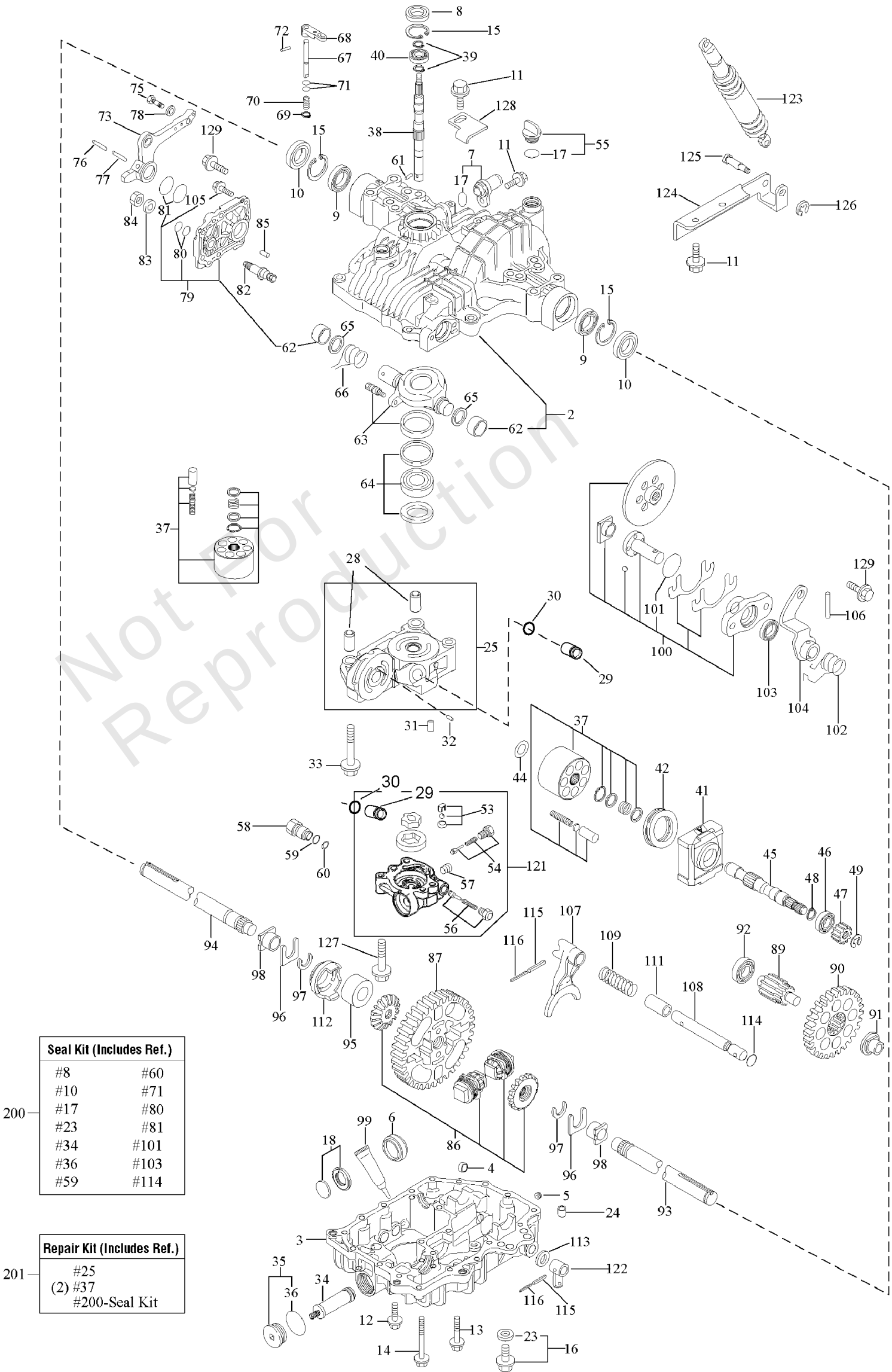
Footnotes:

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: 1695102



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)

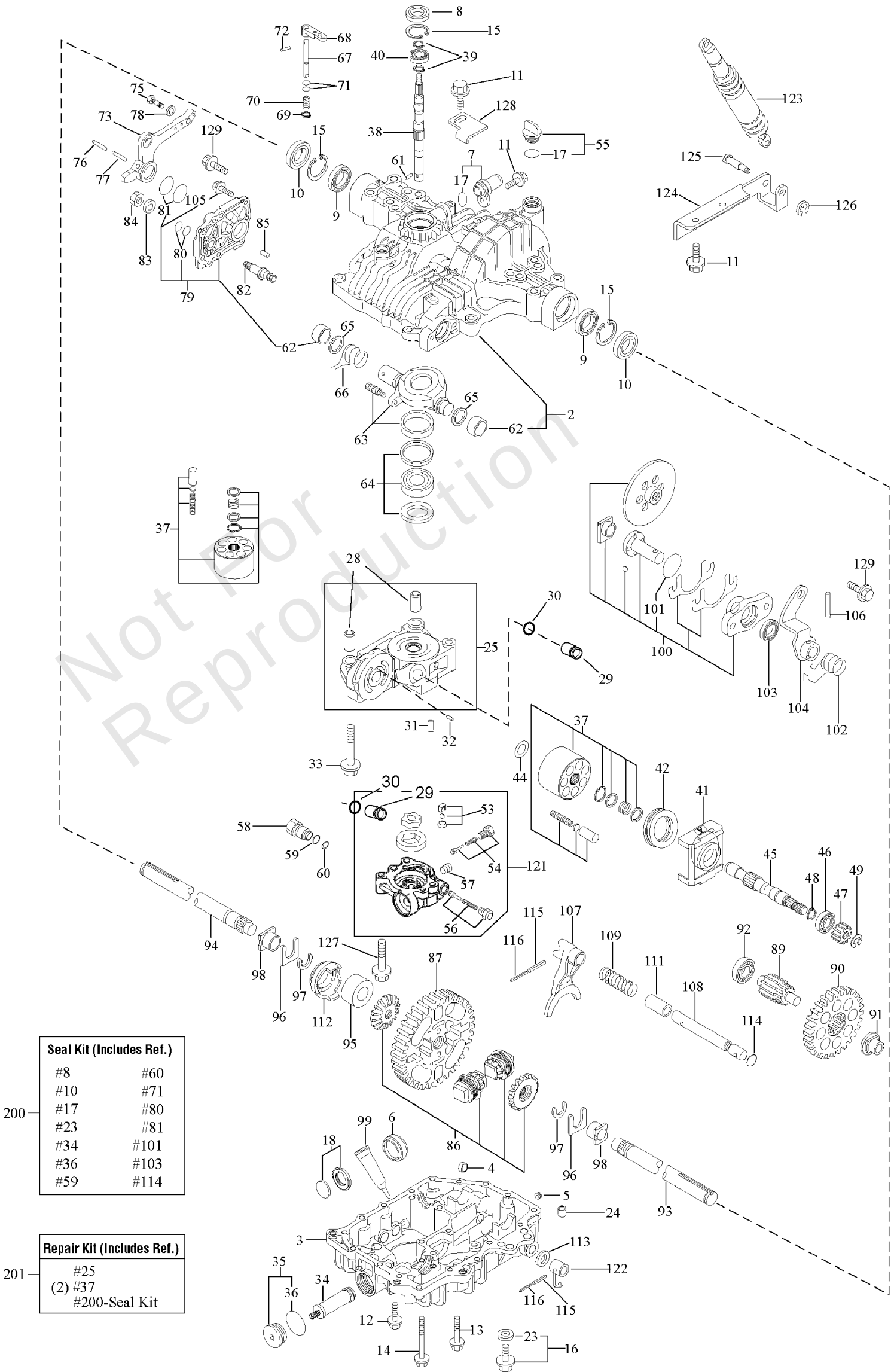
Footnotes:

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: 1695102



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
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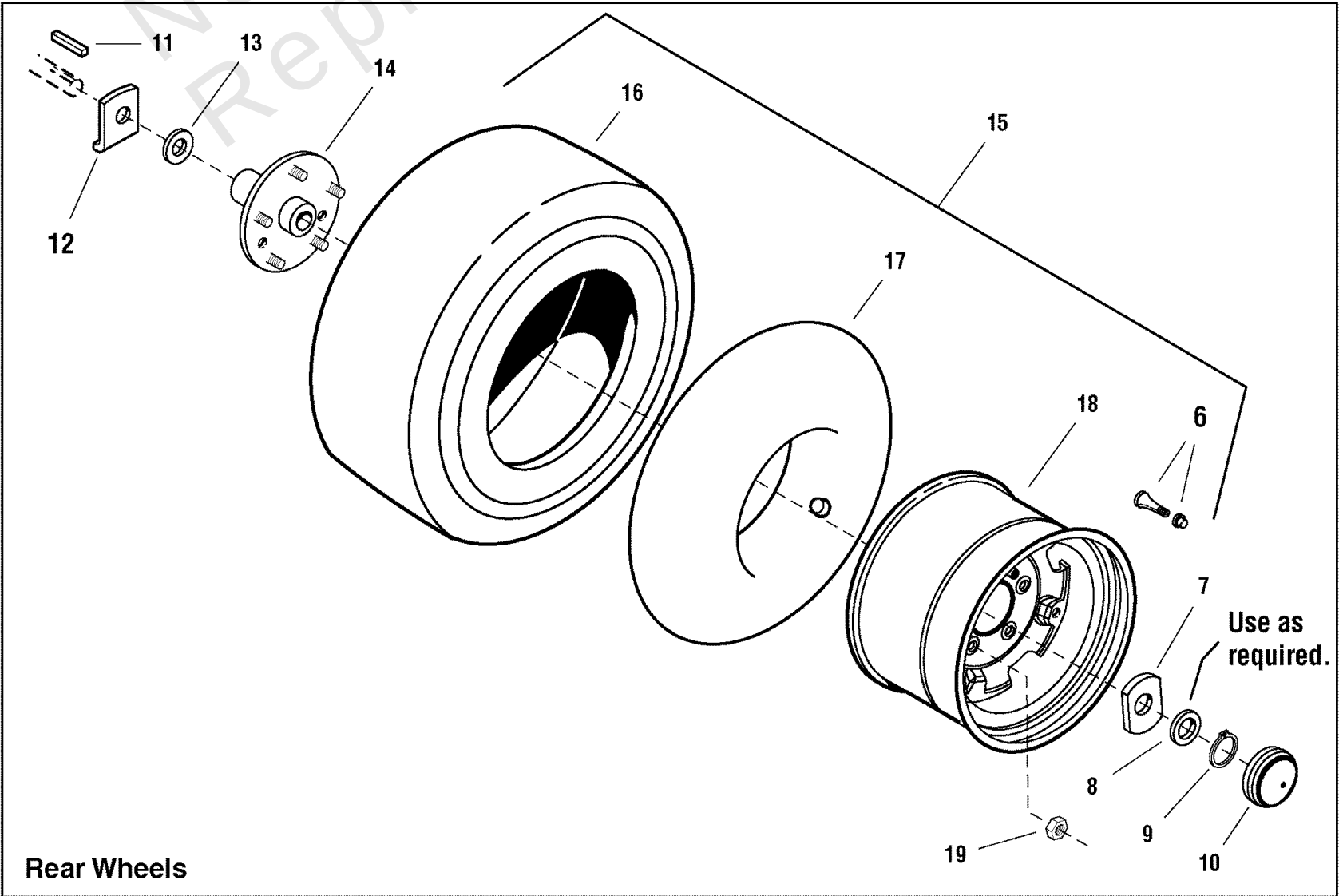
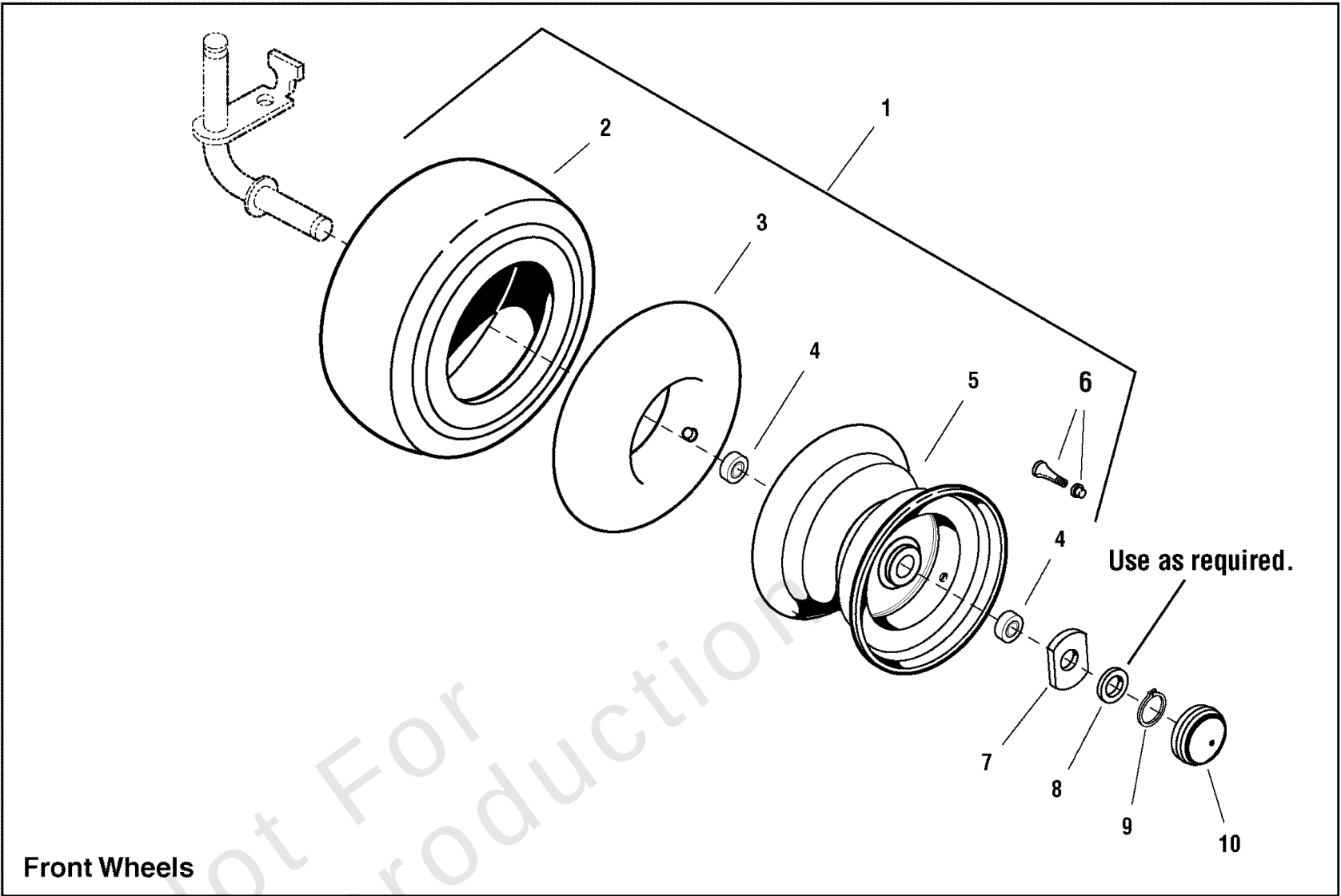
Footnotes:

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: 1695102



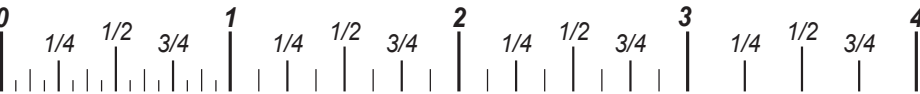
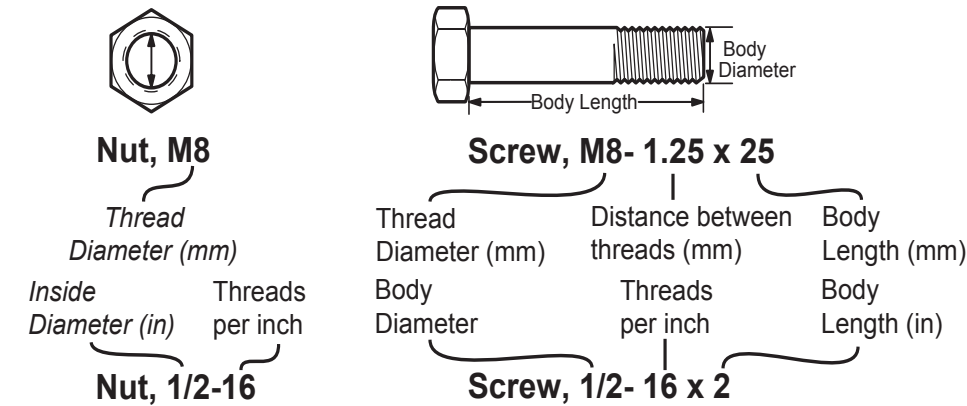
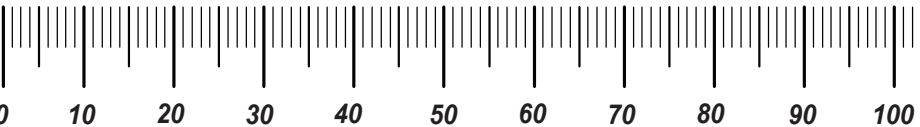
Wheels & Tires Group

REF NO	PART NO	QTY	DESCRIPTION
1	1722305SM	2	WHEEL & TIRE ASSEMBLY (Includes Ref. Nos. 2, 3, 4, 5 & 6)
2	1722833SM	2	TIRE, 16 x 6-1/2
3	2164247SM	2	TUBE, Tire
4	1717056SM	4	BEARING, Ball 25M
5	1722834SM	2	WHEEL, w/Bearings
6	2172353SM	2	VALVE STEM & CAP
7	1722726SM	4	WASHER, Special
8	1919394SM	6	WASHER, 1.00
9	2832577SM	4	RING, Retainer
10	1722676SM	4	CAP, Hub
11	2105337SM	2	KEY, Hi-Pro, 1/4 x 2
12	1719172ASM	2	WASHER, Axle Seal
13	2860200SM	2	WASHER, 1.00
14	1724127ASM	2	PLATE & HUB WELDMENT
15	1726489SM	2	WHEEL & TIRE ASSEMBLY (Includes Re. Nos. 6, 16, 17, 18 & 19)
16	1727146SM	2	TIRE, 24 x 12 - 12 Super Turf
17	2157638SM	2	TUBE, Tire 23 x 10-1/2 - 12
18	1726490SM	2	WHEEL, 8-1/2 Wide 12 Diameter
19	2177725SM	10	NUT, Hex 7/16-20 For Wheel Bolt
-	1663805SM	10	BOLT, Wheel 7/16-20 x 1 Knurled

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).

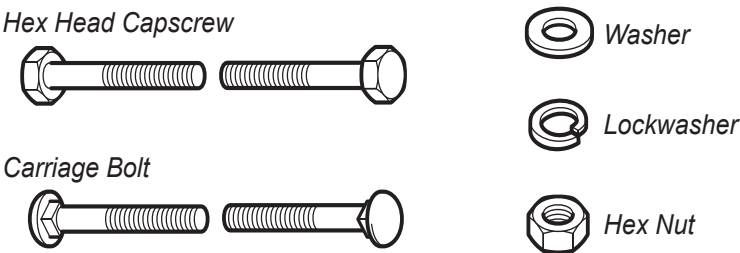
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

