



Parts Manual

Mfg. No: 2690789

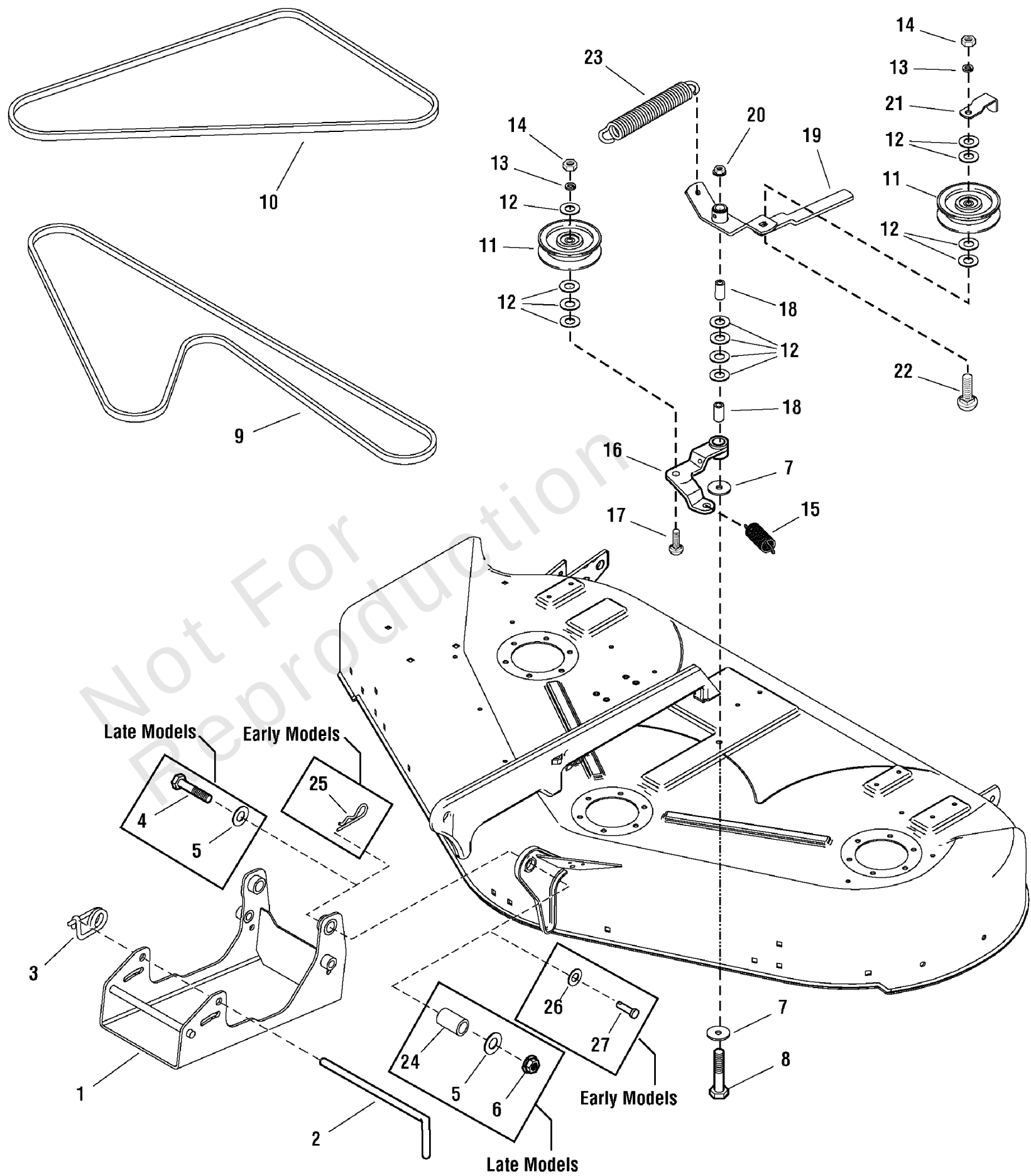
Conquest, 23HP Hydro 4WD RMO and
50" Mower Deck (CE/Export)

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44" & 50" Mower Deck - Clutch & Support Group

Note: Unless noted otherwise, use the standard torque specifications

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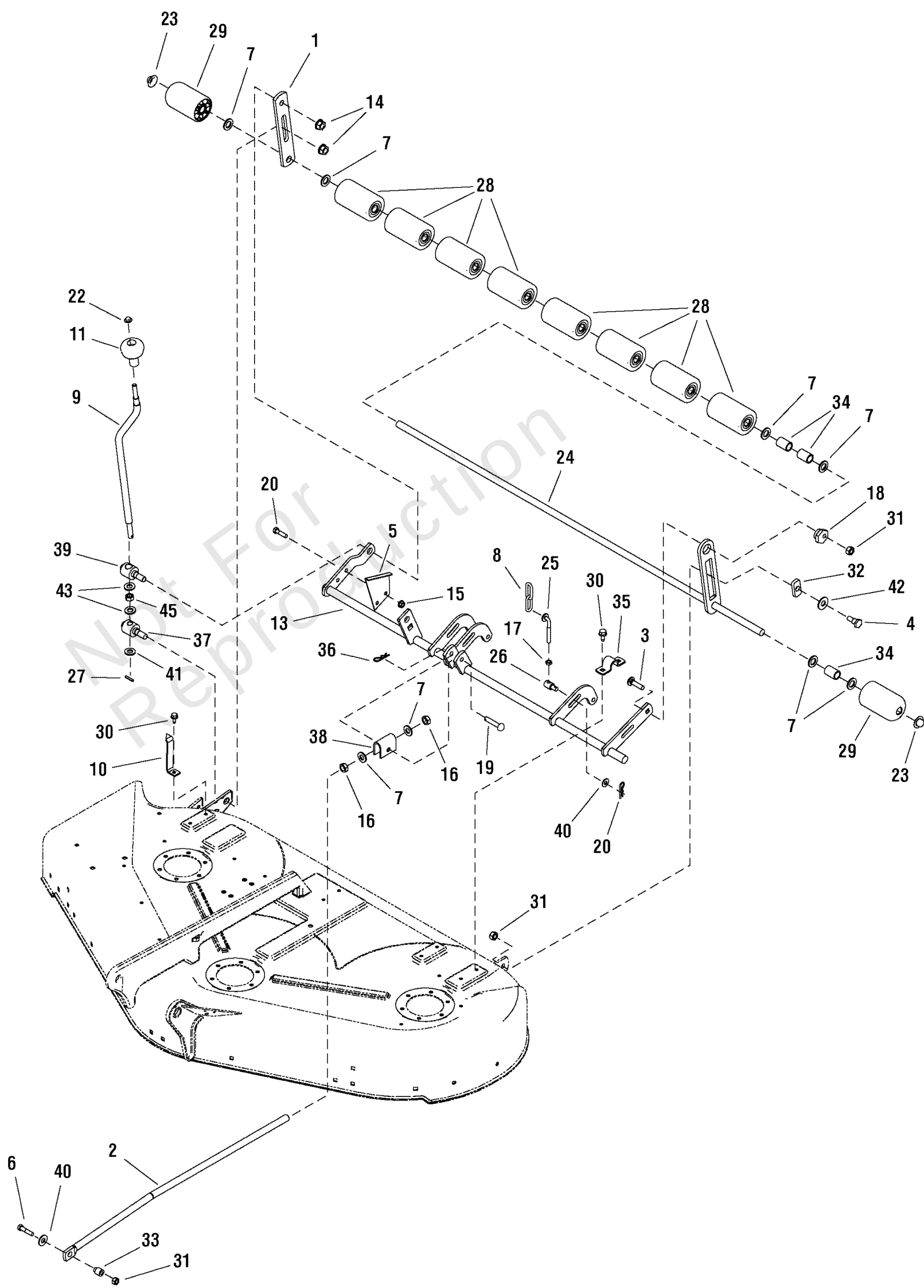
44" & 50" Mower Deck - Clutch & Support Group

REF NO	PART NO	QTY	DESCRIPTION
1	1737046ASM	1	HITCH & ROD ASSEMBLY
2	1731414SM	1	ROD, Latch
3	2176012SM	1	SPRING PIN
4	1923701SM	2	CAPSCREW, 3/8-16 x 2 -(Used on Late Models)
5	1922755SM	2	WASHER, 3/8 -(Used on Late Models)
6	1960687SM	2	NUT, Hex Flange 3/8-16 -(Used on Late Models)
7	1924356SM	2	WASHER, 3/8
8	1923938SM	1	CAPSCREW, Hex Head 3/8-15 x 3-1/2 G5
9	1703836SM	1	V-BELT, Arbor Drive, 50" -(Used only on 50" Mower)
9	1721532SM	1	BELT, 83.1 -(Used only on 44" Mower)
10	1734114SM	1	V-BELT, Mower Drive 70.1 -(Used only on 50" Mower)
10	1734115SM	1	V-BELT, Mower Drive 62.1 -(Used only on 44" Mower)
11	1724387SM	2	PULLEY, Idler
12	1924940SM	12	WASHER, 3/8
13	1916965SM	2	LOCKWASHER, Spring 3/8
14	1916950SM	2	NUT, Hex 3/8-16
15	1656936SM	1	SPRING, Extension
16	1718561SM	1	LEVER ASSEMBLY, Idler w/Bushing & Fitting
17	1931352SM	1	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
18	1674669SM	2	SPACER-0.39 IDX0.625O
19	1704658SM	1	LEVER ASSEMBLY, Idler w/Bushings & Fitting
20	1960339SM	1	NUT, Hex Flange 3/8-16 Machine Lock
21	1677135ASM	1	GUARD, Belt
22	1960315SM	1	CARRIAGE BOLT, 3/8-16 x 2
23	1715435SM	1	SPRING, EXTENSION, 1.
24	1737061SM	2	SPACER -(Used on Late Models)
25	1960033SM	2	CLIP, Hair Pin -(Used on Early Models)
26	2960202SM	2	WASHER, Flat, 3/4 -(Used on Early Models)
27	1733830SM	2	PIN, Clevis -(Used on Early Models)

50" Mower Deck - Height Adjustment & Roller Bar Group

Note: Unless noted otherwise, use the standard torque specifications

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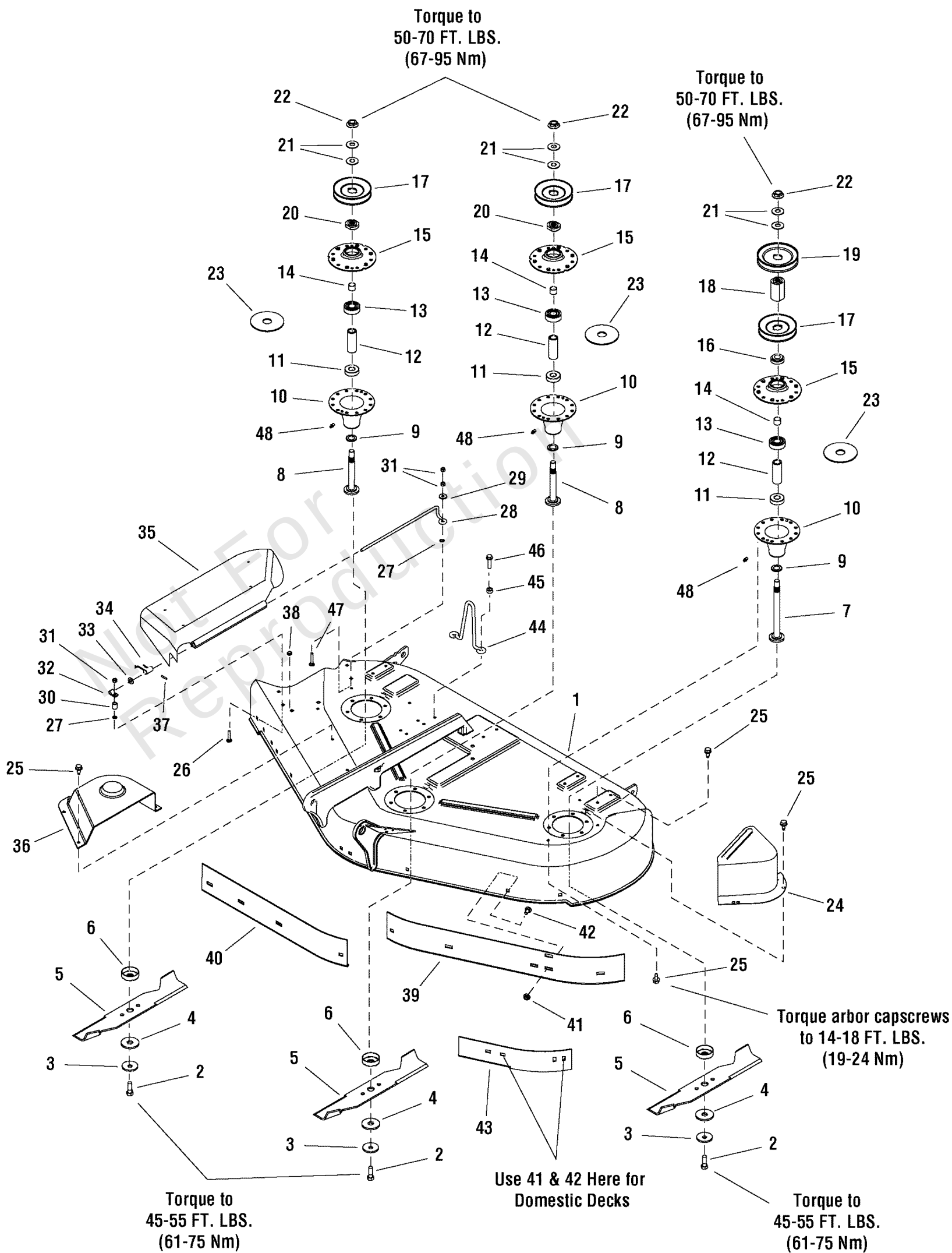
50" Mower Deck - Height Adjustment & Roller Bar Group

REF NO	PART NO	QTY	DESCRIPTION
1	1704074A	1	BAR, Roller 5/16
2	1722995	1	ROD, Adjusting
3	1931352	1	CARRIAGE BOLT, 3/8-16 x 1-1/2 G5
4	2172622	1	BOLT, Shoulder, 3/8-16 G5
5	1704116A	1	BRACKET, Height of Cut 16GA
6	1922606	1	CAPSCREW, Hex Head 3/8-16 x 1-3/4 G8
7	1924366	8	WASHER, 5/8
8	1731383A	2	CHAIN, Link
9	1719901	1	CRANK, Height Adjusting
10	1720643A	1	INDICATOR, Height
11	1714084	1	KNOB, Spinner
13	1733522A	1	SHAFT ASSEMBLY, Rocker 50"
14	1930644	2	NUT, Hex Flange 1/2-13 Two-Way Lock
15	1931277	2	NUT, Hex Flange 5/16-18 Whiz Lock Small
16	1915726	2	NUT, Hex 5/8-11
17	1920161	2	NUT, Hex Jam 5/16-18
18	1704082	1	NUT, Hex Adjusting
19	2118053	1	PIN, Round Head Drilled 3/8 x 2
20	1930591	2	SCREW, Hex Whiz Lock Flange 5/16-18 x 3/4
22	1960093	1	NUT, Push Pal 3/8 Diameter Stud Capped
23	1960520	2	NUT, Push for 5/8 Diameter Stud Capped
24	1716155A	1	SHAFT & BAR ASSEMBLY, Roller
25	1737124	2	ROD, Height Adjust, Chain, 2.55" (Short)
25	7028728	2	ROD, Height Adjust, Chain, 3.68" (Long) -Only Used on Broadmoor
26	1731382	2	TRUNNION
27	2816001	1	PIN, Spring
28	1668513	8	ROLLER
29	1722036	2	ROLLER, Rounded
30	1664847SM	6	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4
31	2860681	3	NUT, Hex Toplock Spiral lock Flange 3/8-16
32	1677507	1	SLIDE
33	1706644	1	SPACER, 3/8 x 3/4 x 15/16
34	1709195	3	SPACER
35	1665374	3	STRAP, Rocker Shaft
36	1960074	3	CLIP, Hair Pin
37	1733257	1	TRUNNION
38	1706645A	1	TRUNNION
39	1733258	1	TRUNNION
40	1924940	3	WASHER, 3/8
41	1704097	1	WASHER, Detent
42	1924361	1	WASHER, 1/2
43	1960170	1	WASHER, 1/2
45	1716953	1	SPACER

50" Mower Deck - Housing, Arbors & Blades Group

Note: Unless noted otherwise, use the standard torque specifications

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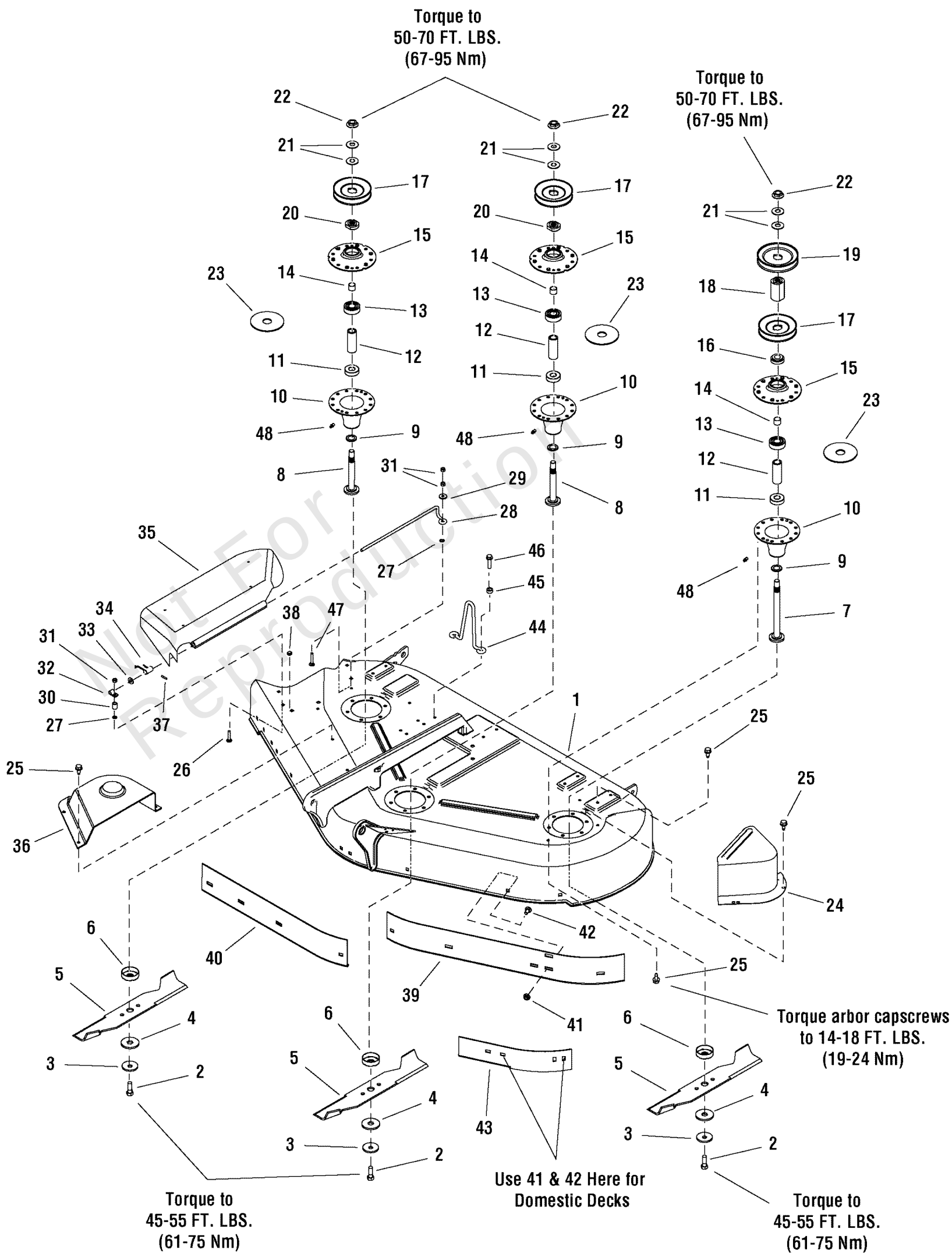
50" Mower Deck - Housing, Arbors & Blades Group

REF NO	PART NO	QTY	DESCRIPTION
1	1687325	1	HOUSING ASSEMBLY, 50" (Orange)
1	1687326	1	HOUSING ASSEMBLY, 50" (Red)
2	2823471	3	CAPSCREW, Hex Head 7/16-14 x 1-1/4 G8
3	1656916	3	WASHER, Spring
4	1713089	3	WASHER, Hex, 11/16 x 2
5	1708229A	3	BLADE, Mower 50"
6	1713196	3	SHIELD, Grass Lower Arbor Heat Treat
7	1713612	1	SHAFT, Arbor
8	1713195	2	SHAFT, Arbor
9	1713619	3	WASHER, Cup
10	1713338A	3	HOUSING, Arbor Bottom w/Lube Fitting (Includes Ref. No. 48)
11	1705897	3	BEARING, Ball, 11/16 x 1-9/16 x 15/32
12	1732544	3	SPACER, Powdered Metal
13	2108202	3	BEARING, Ball
14	1715724	3	SPACER, 21/32 x 3/4 x 5/8
15	1655729A	3	HOUSING, Arbor Top
16	1713533	1	HUB, Powdered Metal
17	1713098	3	PULLEY, .49" Shallow-Groove OD 4.25"
18	1713158	1	HUB, Serated Powdered Metal
19	1732951	1	PULLEY, .68" Deep-Groove OD 4.6"
20	1713197	2	HUB, Pulley, Center & R.H.
21	1713675	6	WASHER, Bellville, 9/16
22	1714419	3	NUT, Hex Flange 9/16-18
23	1707335	3	GASKET, Foam Poly
24	1720560A	1	COVER, Arbor
25	1664847SM	27	SCREW, Hex Washer Head Taptite 5/16-18 x 3/4
26	1931320	2	CARRIAGE BOLT, 1/4-20 x 1-1/4 G5
27	1960518	2	NUT, Push for 1/4 Diameter Thread
28	1706709	1	ROD, Deflector E-Coat
29	1960353	1	WASHER
30	1710703	2	SPACER, Powdered Metal
31	1920397	2	NUT, Hex Lock ESNA Light 1/4-20
32	1704873	1	CLAMP, Wire
33	1919326	1	WASHER, 5/16
34	7101082	1	SPRING, Torsion Chute
35	1705449	1	DEFLECTOR
36	1715673	1	COVER, Arbor
37	1723323	1	CAP
38	1705115	1	PLUG, Button
39	1716870A	1	BAFFLE, Blowout 50" L.H. -(CE/Export)
40	1735184A	1	BAFFLE, Blowout 50" R.H. -(CE/Export)
41	1927557	2/11	NUT, Hex Flange 5/16-18 Whiz Lock Large
42	1931333	2/11	BOLT, Carriage, 5/16-18 x 3/4
43	1724538A	1	BAFFLE, Blowout -(Domestic)
44	1704098	1	UPSTOP -(Only used on Broadmoor Series)
45	1611705	2	SPACER -(Only used on Broadmoor Series)
46	1931202	2	SCREW, Hex Washer Taptite -(Only used on Broadmoor Series)

50" Mower Deck - Housing, Arbors & Blades Group

Note: Unless noted otherwise, use the standard torque specifications

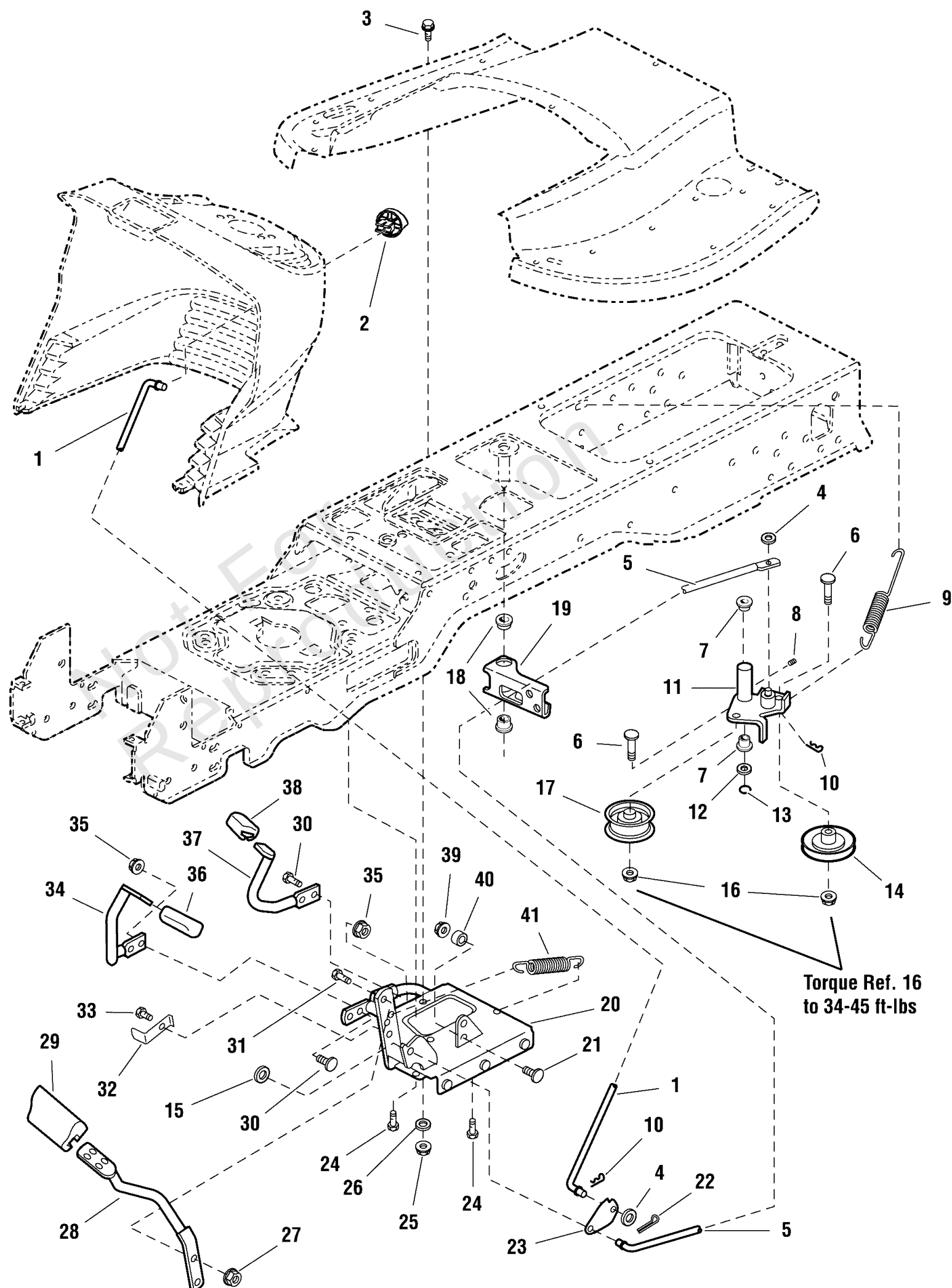
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50" Mower Deck - Housing, Arbors & Blades Group

REF NO	PART NO	QTY	DESCRIPTION
47	1960633	2	CARRIAGE BOLT, 1/4-20 x 1-1/2 G5
48	1704314	3	FITTING, Grease, 1/4 Drive

Not For Reproduction



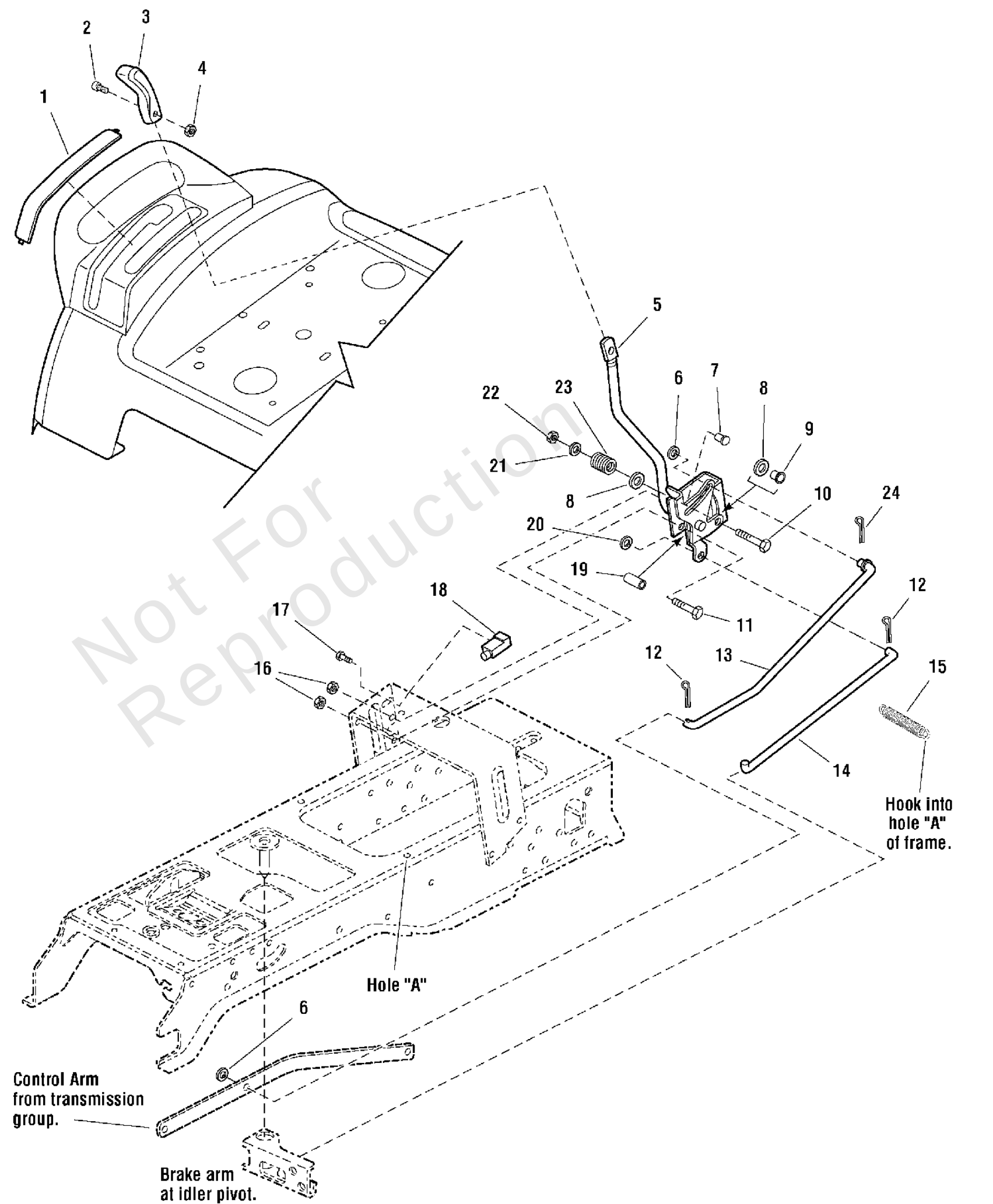
Controls Group

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

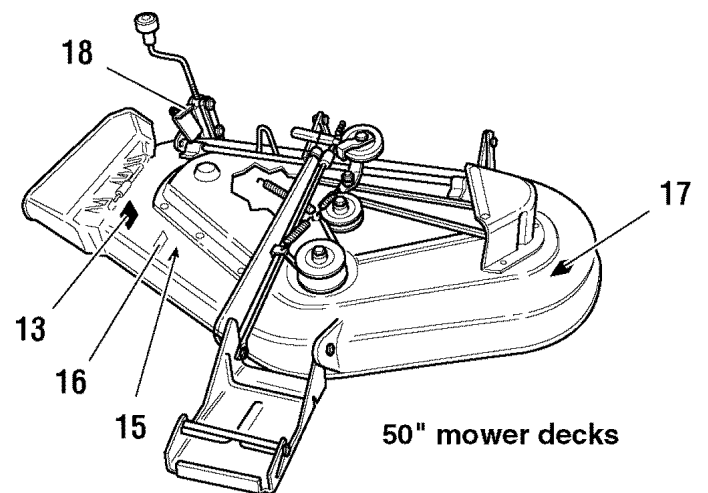
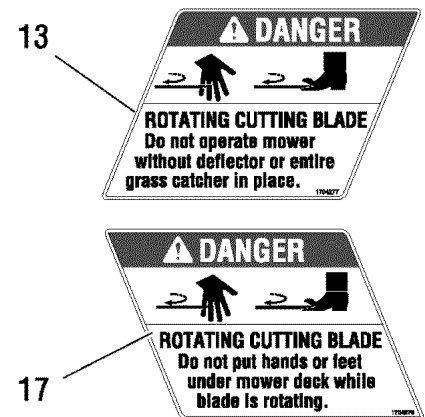
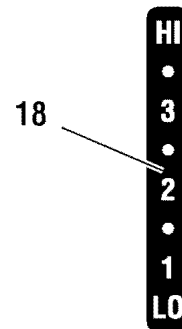
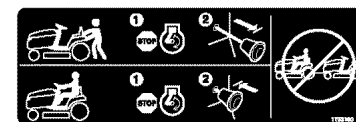
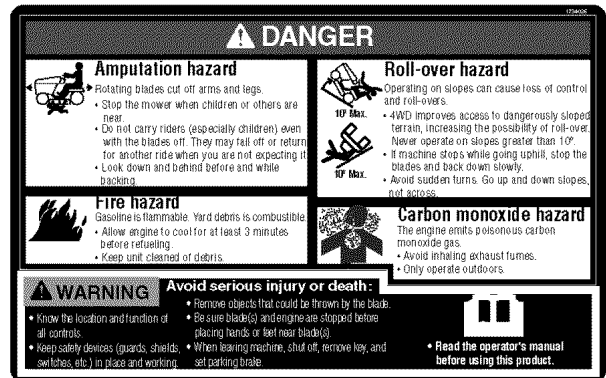
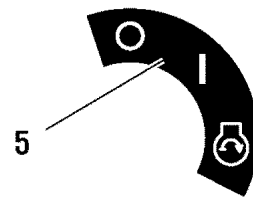
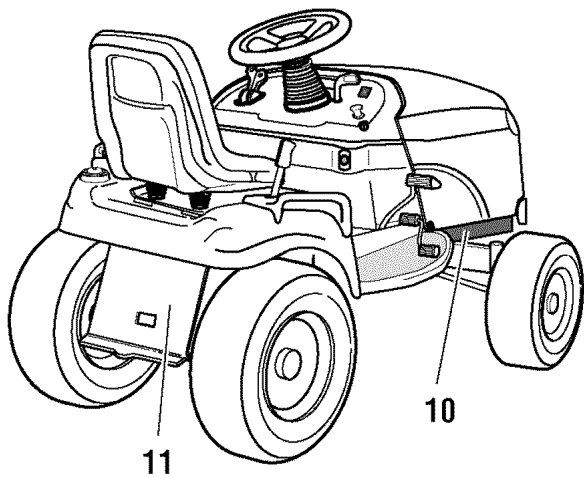
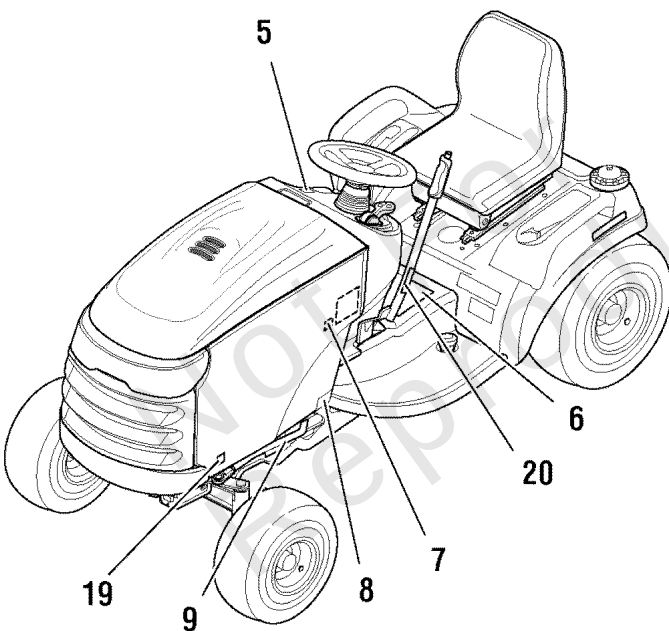
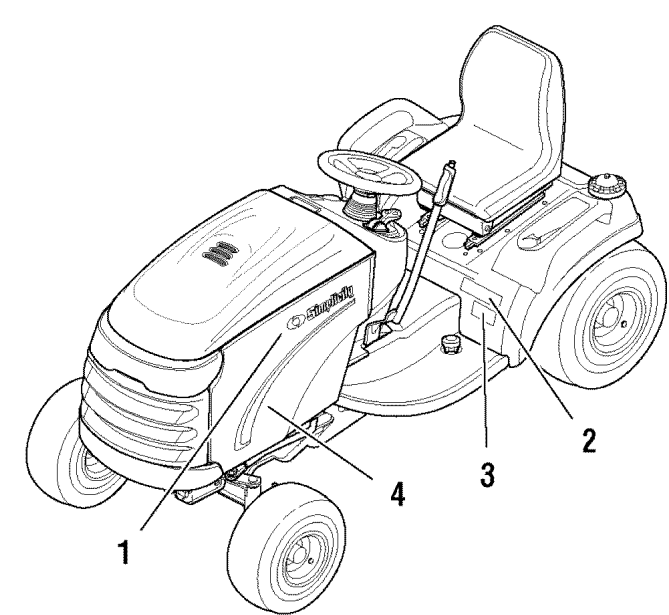
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Controls Group - Cruise Control

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

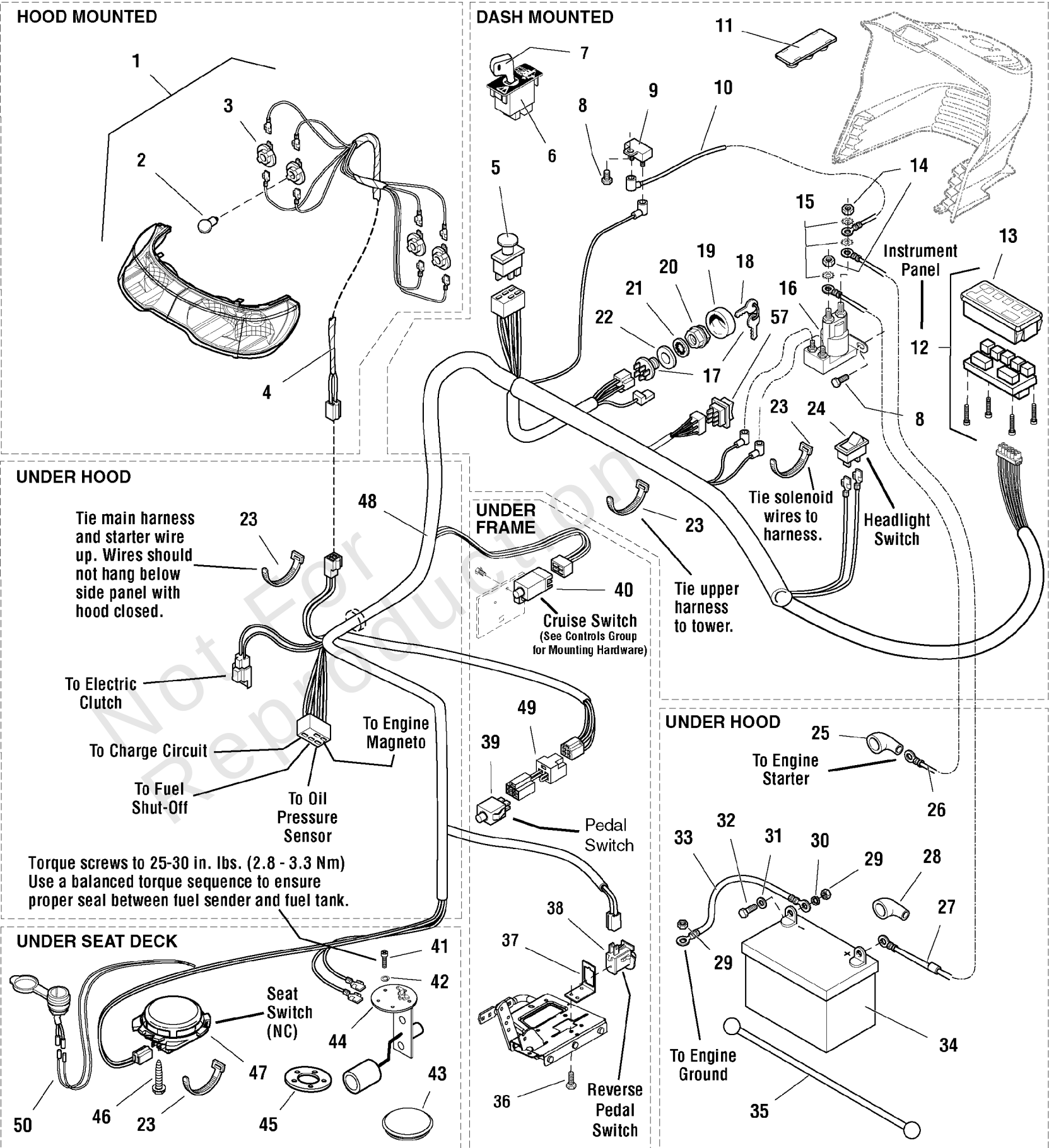


Decals Group

REF NO	PART NO	QTY	DESCRIPTION
1	1722551SM	3	DECAL, Simplicity Silver & Blue w/Icon
2	1722820SM	1	DECAL, Conquest, Silver & Blue
3	1722781SM	1	DECAL, 23HP Silver on Clear
4	1722773SM	1	DECAL, Hood Stripe R.H. SMI Blue & Silver
4	1722774SM	1	DECAL, Hood Stripe L.H. SMI Blue & Silver
5	1722806SM	1	DECAL, Ignition Switch Symbols
6	1734026SM	1	DECAL, Tunnel Cover Danger Slopes, Blades
6	1734027SM	1	DECAL, Tunnel Cover Danger Slopes, Blades -(CE/Export)
7	1734142SM	1	DECAL, Touch Up Paint
8	1723296SM	2	STICKER, Protection
9	-----	1	DECAL, I.D. Plate
10	-----	1	DECAL, Patent
11	1723160SM	1	DECAL, Transmission Release Valve
13	1704277SM	1	DECAL, Danger Do Not Operate w/o Deflector
13	1720389SM	1	DECAL-DANGER ROTATING -(CE/Export)
15	-----	1	DECAL, OPEI Certified
16	1706640SM	1	DECAL, 50" Silver on Black w/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	1726373SM	2	DECAL, 4x4
20	1723143SM	1	DECAL, Lift -(Used only on Domestic Models)

Footnotes:

Note:* Not a serviceable part.



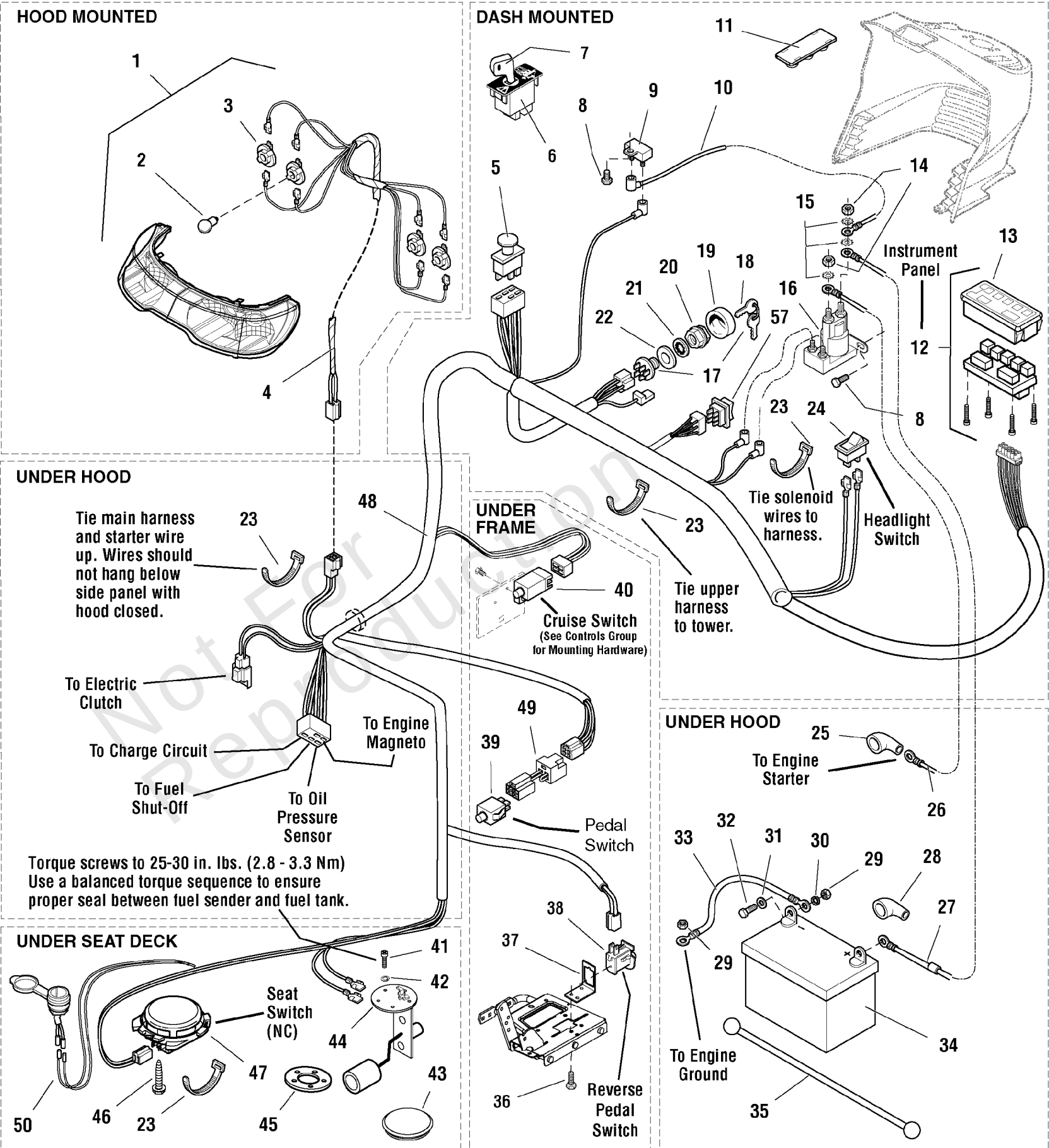
Electrical Group

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, Black
9	1665238SM	1	BREAKER-CIRCUIT
10	1665237SM	1	WIRE, 12GA 5-15/16 Long, Red
11	1722611SM	1	PLUG-HOLE BLACK
12	1725074SM	1	PANEL, Instrument w/ Fuel Gage & Hour Meter -(Includes Ref. No. 13)
13	1724865SM	1	COVER, Instrument Panel
14	2820263SM	2	NUT, Hex, 5/16-24
14	2860750SM	2	NUT-HEX KEPS 5/16-24 -(CE/Export) (Used only on RMO/ACS Models)
15	2820426SM	3	LOCKWASHER, External Tooth, 5/16
16	1722739SM	1	SOLENOID
16	1728963SM	1	SOLENOID -(CE/Export) (Used only on RMO/ACS Models)
17	1686734SM	1	IGNITION SWITCH -(Includes Ref. Nos. 18, 19, 20, 21 & 22)
18	1717163SM	1	KEY-IGNITION INDAK
19	1717550SM	1	COVER, For Ignition Switch, Plastic
20	1717549SM	1	NUT, Hex Flange, 5/8-32, Ignition Switch
21	1960547SM	1	LOCKWASHER-INTERNAL
22	2101025SM	1	WASHER, Shim
23	1701011SM	3	TIE, Strap, 7-5/16 Long
23	2825094SM	4	TIE, Strap, 7-5/16 Long -(CE/Export) (Used only on RMO/ACS Models)
24	1716951SM	1	SWITCH, Headlights , 2 Terminal
25	1713535SM	1	BOOT, Insulator Cable Terminal, 1-15/16 Long, Red
26	1721830SM	1	CABLE, #6 x 25" Long, Ring Terminals
27	1603618SM	1	CABLE, #6 x 8" Long, Ring Terminals
28	1677296SM	1	BOOT,INSULATOR BATTER
29	2816622SM	3	NUT, Hex, 1/4-20
30	2816964SM	2	LOCKWASHER, 1/4
31	2821319SM	2	WASHER, 1/4
32	2823341SM	2	CAPSCREW, Hex Head, 1/4-20 x 3/4
33	1713163SM	1	CABLE, #6 x 26 Long, Ring Terminal
34	1685215SM	1	BATTERY,12V
35	1722009SM	1	STRAP, Battery, 14 Long, Rubber
36	1929000SM	2	CAPSCREW, Hex Head Taptite, 1/4-20 x 3/8
37	1726810ASM	1	BRACKET, Switch Mount
38	1732004SM	1	SWITCH-PUSH BUTTON
38	1704379SM	1	SWITCH, Reverse Pedal -(CE/Export) (Used only on RMO/ACS Models)
39	1732006SM	1	SWITCH, Push Button, Foot Pedal
40	1717050SM	1	SWITCH-PUSH BUTT -(Used on all models except CE/Export)
41	2860665SM	5	SCREW, Pan Head Torx, #10-32 x 1/2

Electrical Group

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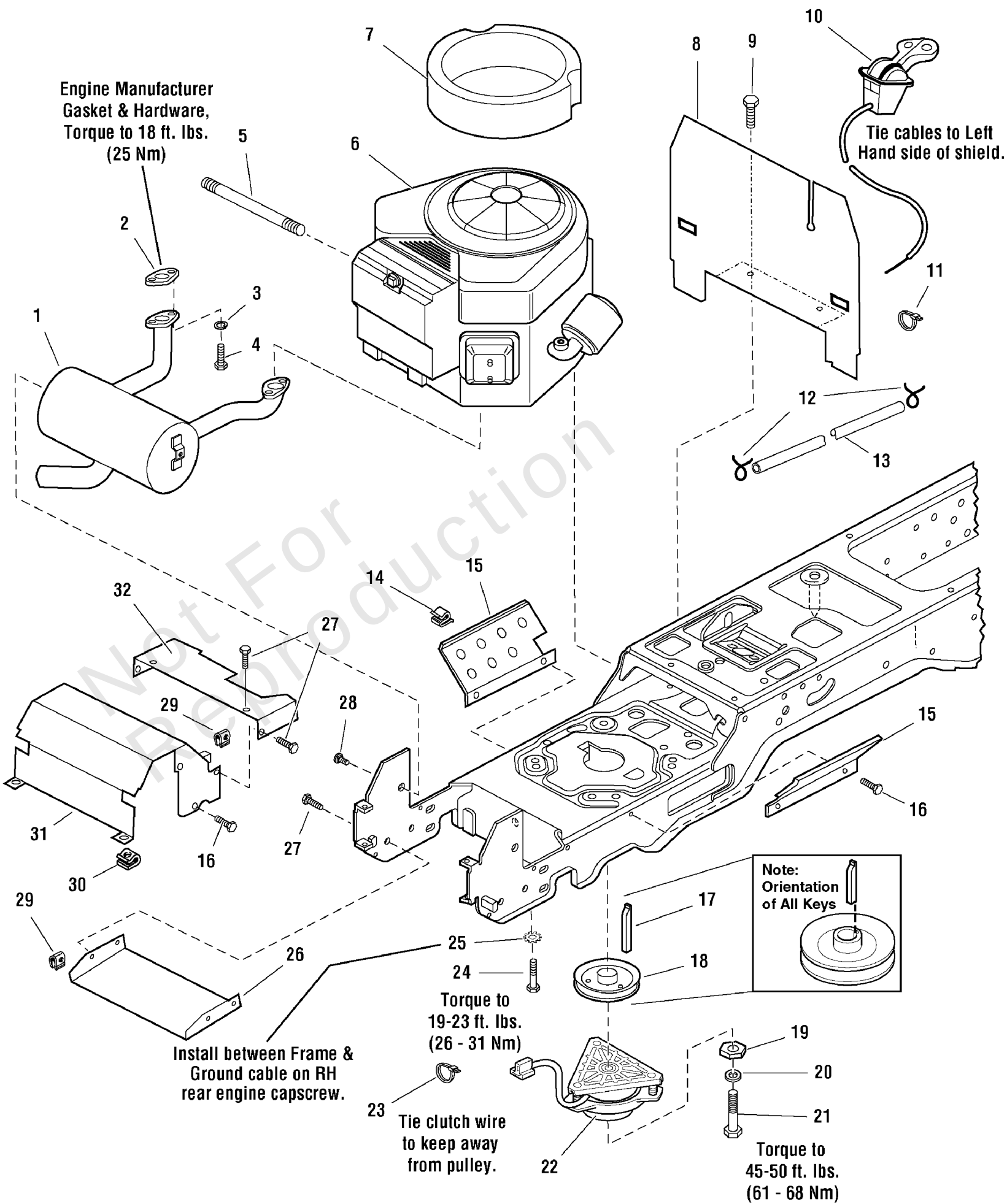
Electrical Group

REF NO	PART NO	QTY	DESCRIPTION
42	1917365SM	5	LOCKWASHER, 3/16 #10
43	1722309SM	1	PLUG, Hole 3", Round
44	1686921SM	1	SENDER, Fuel Tank -(Includes Ref. 45)
45	1685303SM	1	GASKET
46	1960536SM	2	SCREW, HEX WSHR HD PL
47	1716368SM	1	SWITCH-OP PRESEN
47	1718981SM	1	SWITCH, Seat, Grey, NC -(CE/Export) (Used only on RMO/ACS Models)
48	1730192SM	1	HARNESS, Wiring
48	1733220SM	1	HARNESS, Wiring -(CE/Export) (Used only on RMO/ACS Models)
48	1739708	1	HARNESS, Wiring -(Used on Electric Height of Cut Models)
49	1734025SM	1	WIRING ASSEMBLY, All Conditions Shutdown -(CE/Export) (Used only on RMO/ACS Models)
50	1725302SM	1	OUTLET, 12 Volt -(CE/Export) (Used only on RMO/ACS Models)
57	1716329SM	1	SWITCH, EHOC -(CE/Export) (Used only on EHOC Models)

Engine Group - 20HP, 22HP & 23HP Briggs & Stratton, Vanguard Twin

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Engine Group - 20HP, 22HP & 23HP Briggs & Stratton, Vanguard Twin

REF NO	PART NO	QTY	DESCRIPTION
1	1736543SM	1	MUFFLER
1	1722625SM	1	MUFFLER -(Only used on 20HP Models)
2	-----	2	GASKET
3	1917356SM	4	LOCKWASHER, 5/16
4	2860660SM	4	CAPSCREW, Socket Head, 5/16-18 x 7/8, G8
5	1723165SM	1	HOSE, Oil Drain
6	358777-0110-E1	1	*ENGINE, 20HP Briggs & Stratton VANGUARD Twin -(Engine Model: 358777-0110-E1)
6	385777-0119-E1	1	*ENGINE, 21HP Briggs & Stratton VANGUARD Twin -(Engine Model: 385777-0119-E1)
6	386777-0111-E1	1	*ENGINE, 22HP Briggs & Stratton VANGUARD Twin -(Engine Model: 386777-0111-E1)
6	386777-0111-E1	1	*ENGINE, 23HP Briggs & Stratton VANGUARD Twin -(Engine Model: 386777-0111-E1)
7	1722949SM	1	SEAL, Circle
8	1722388ASM	1	BULKHEAD
9	1925003SM	2	CAPSCREW, Hex Head Taptite, 1/4-20 x 1/2
10	1727223SM	1	CONTROL, Throttle Double 39" Long w/Knobs -(Only used on 20HP Models)
10	1734506SM	1	CONTROL, Throttle Double
11	1701011SM	1	TIE
12	2860112SM	2	CLAMP, Hose Type E
13	1718678SM	1	HOSE, 59" Long
14	2834683SM	2	CLIP, Wire
15	1722392ASM	2	SHIELD
16	1927428SM	8	CAPSCREW, Hex Head Taptite, 1/4-20 x 3/8
17	1720463SM	1	KEY
18	1722288SM	1	PULLEY & HUB ASSEMBLY, 4-1/2 OD
19	1708264SM	1	WASHER, HEX, 0.453ID
20	1918199SM	1	LOCKWASHER, 7/16
21	1960648SM	1	CAPSCREW, Hex Head, 7/16-20 x 2-3/4
22	1686883SM	1	CLUTCH, Electric, OGURA
22	1720532SM	1	CLUTCH, Electric, Big Brake OGURA
23	2832747SM	1	TIE
24	704010	4	SCREW, HEX, 3/8-16
25	2820427SM	1	LOCKWASHER, External Tooth, 3/8
26	1722414ASM	1	SHIELD, Muffler Bottom
27	1960295SM	8	CAPSCREW, Hex Head Flange Lock, 1/4-20 x 5/8
28	1924856SM	2	CAPSCREW, Hex Head Taptite, 5/16-18 x 1/2
29	1960368SM	8	NUT, Speed, 1/4-20
30	1935255SM	2	NUT, SPEED, 5/16-18 L
31	1722389ASM	1	DUCT-MUFFLER TOP-BLAC
32	1722390ASM	1	DUCT-MUFFLER EXT-BLAC

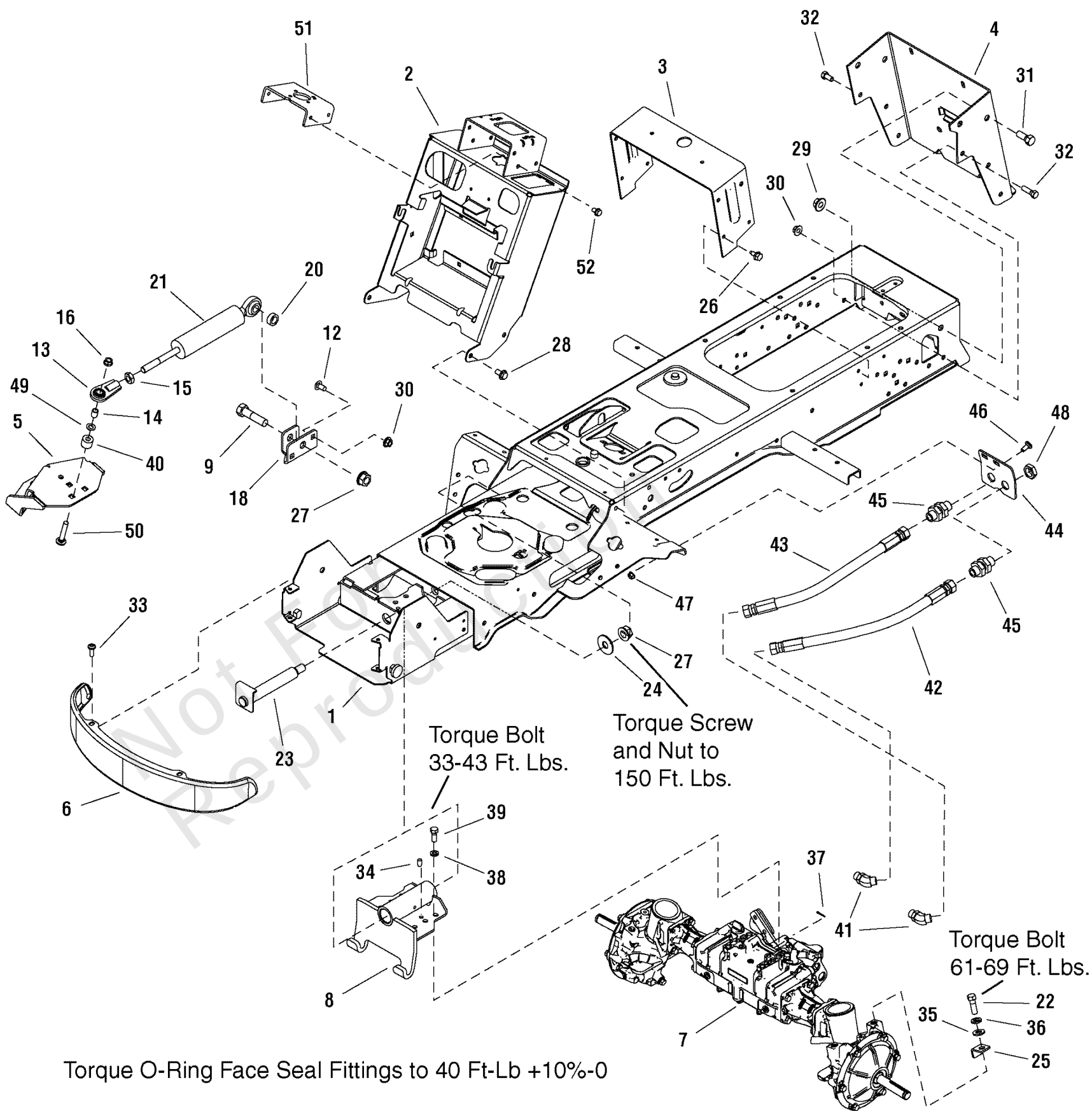
Footnotes:

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

Frame & Front Axle Group - 4WD

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



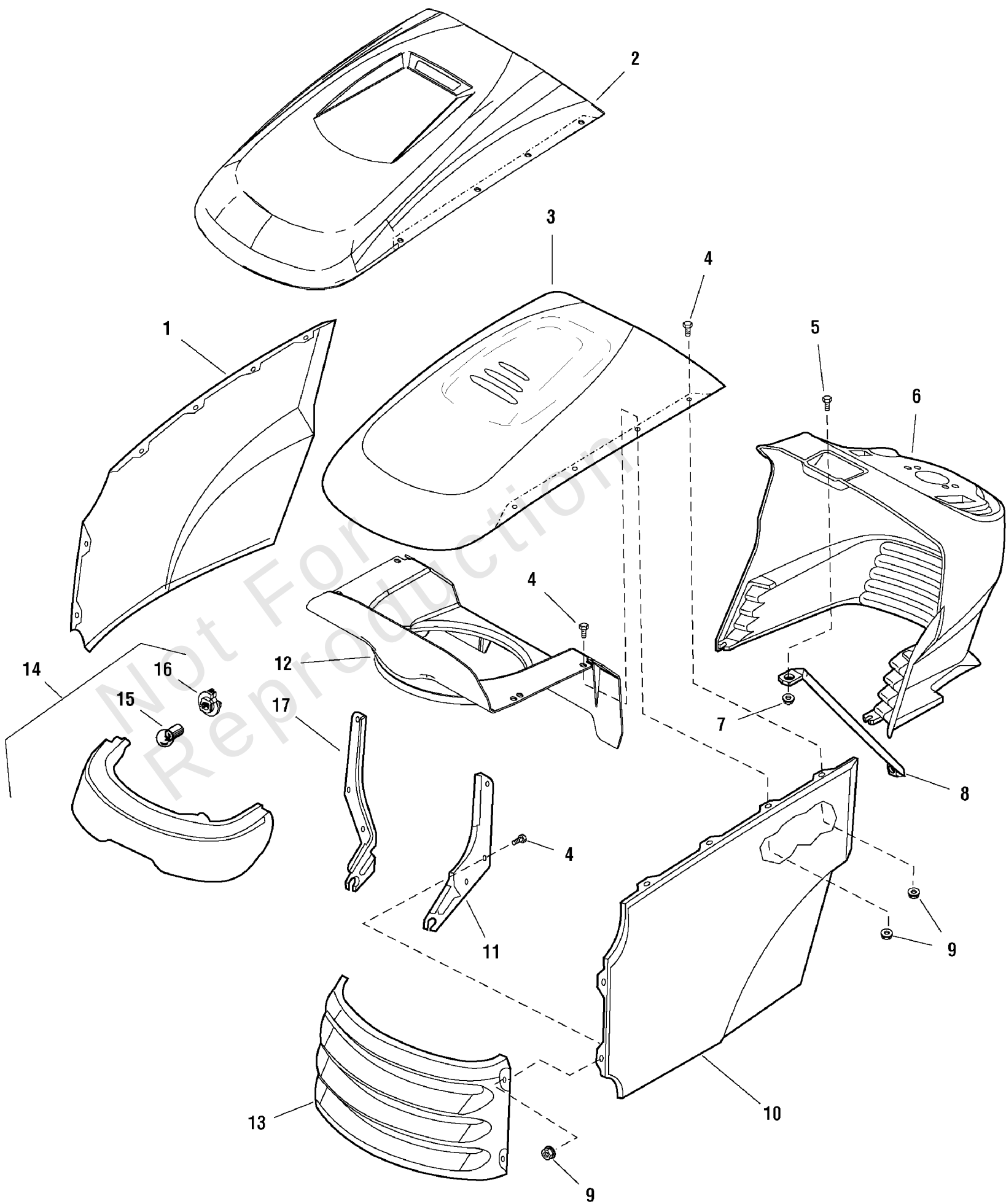
Frame & Front Axle Group - 4WD

REF NO	PART NO	QTY	DESCRIPTION
1	1734731ASM	1	FRAME ASSEMBLY, Front & Rear 4WD
2	1733139ASM	1	TOWER & SUPPORT ASSEMBLY
3	1723528ASM	1	SUPPORT, Seat Deck
4	1722602ASM	1	BACKPLATE, Hitch
5	1733918ASM	1	BRACKET ASSEMBLY, Steering 4WD
6	1721805ASM	1	BUMPER, 4GA
7	1733480SM	1	AXLE ASSEMBLY, Front
8	1734241ASM	1	PIVOT ASSEMBLY, Axle w/Bushings
9	1960755SM	1	CAPSCREW, Hex Head, 5/8-11 x 2-1/2 G5
12	1931348SM	2	BOLT, Carriage 3/8-16 x 3/4
13	1702779SM	1	JOINT-BALL .500-20 TH
14	1708236SM	1	SPACER
15	1919262SM	1	NUT, Hex Jam, 1/2-20
16	1930645SM	1	NUT, Hex Flange, 3/8-16 Two-Way Lock
18	1733166ASM	1	BRACKET, Cylinder Mounting
20	2172914SM	1	SPACER
21	1733759SM	1	CYLINDER, Hydraulic Steering
22	197487SM	3	CAPSCREW, Hex Head, M12-1-3/4 x 35
23	1733863SM	1	SHAFT+BRACKET ASMY-AX
24	1960035SM	2	WASHER-0.625(0.64IDX1
25	1734511ASM	1	STOP, "L" Steering
26	1664847SM	4	SCREW, Hex Washer Head Taptite, 5/16-18 x 3/4
27	2860646SM	2	NUT, Hex Flange 5/8-11 Two-Way Lock
28	1923683SM	4	SCREW, Hex Washer head, Taptite, 3/8-16 x 3/4
29	2860668SM	2	NUT, Hex Flange 1/2-13 Whiz Lock
30	1928352SM	4	NUT, Hex Flange 3/8-16 Whiz Lock
31	1923114SM	2	CAPSCREW, Hex Head 1/2-13 x 1 G5
32	1921210SM	2	CAPSCREW, Hex Head 3/8-16 x 1 G5
33	1960086SM	4	SCREW, TRUSS HD TORX
34	1733581SM	2	PIN, Dowel
35	1960170SM	3	WASHER, 1/2
36	1916966SM	3	LOCKWASHER, Spring, 1/2
37	1923360SM	1	PIN, Cotter
38	1960754SM	6	LOCKWASHER, Spring
39	1950036SM	6	CAPSCREW, Hex Head
40	1667812SM	1	SPACER
41	1733403SM	2	FITTING, Hose Elbow, 45 Degree, 13/16-16 x 3/4-16
42	1733400SM	1	HOSE ASSEMBLY, Hydraulic
43	1737063SM	1	HOSE ASSEMBLY, Hydraulic
44	1733501ASM	1	BRACKET, Hose Mounting 10GA
45	1733402SM	2	FITTING, Bulkhead Union 13/16-16
46	1931333SM	2	BOLT, Carriage, 5/16-18 x 3/4, G5
47	1960636SM	2	NUT, Hex KEPS, 5/16-18
48	1733947SM	2	NUT, Jam 13/16-16
49	1960103SM	1	WASHER, 3/8"
50	1931355SM	1	BOLT, Carriage, 3/8-16 x 2-1/4, G5
51	1733044ASM	1	SUPPORT, Steering Unit 7GA
52	1924856SM	4	CAPSCREW, Hex Washer Head Taptite 5/16-18 x 1/2

Hood, Grille & Dash Group

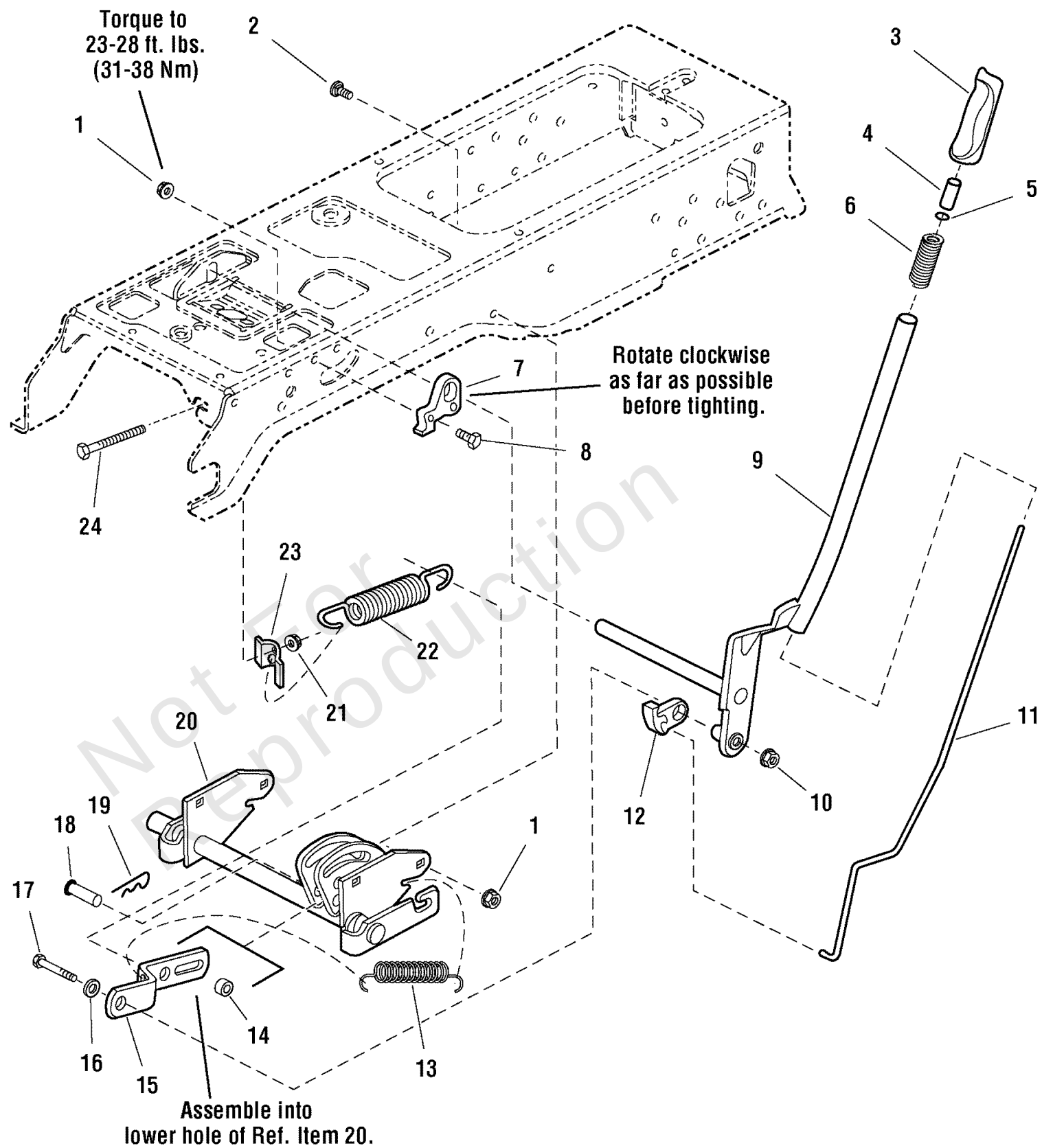
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



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



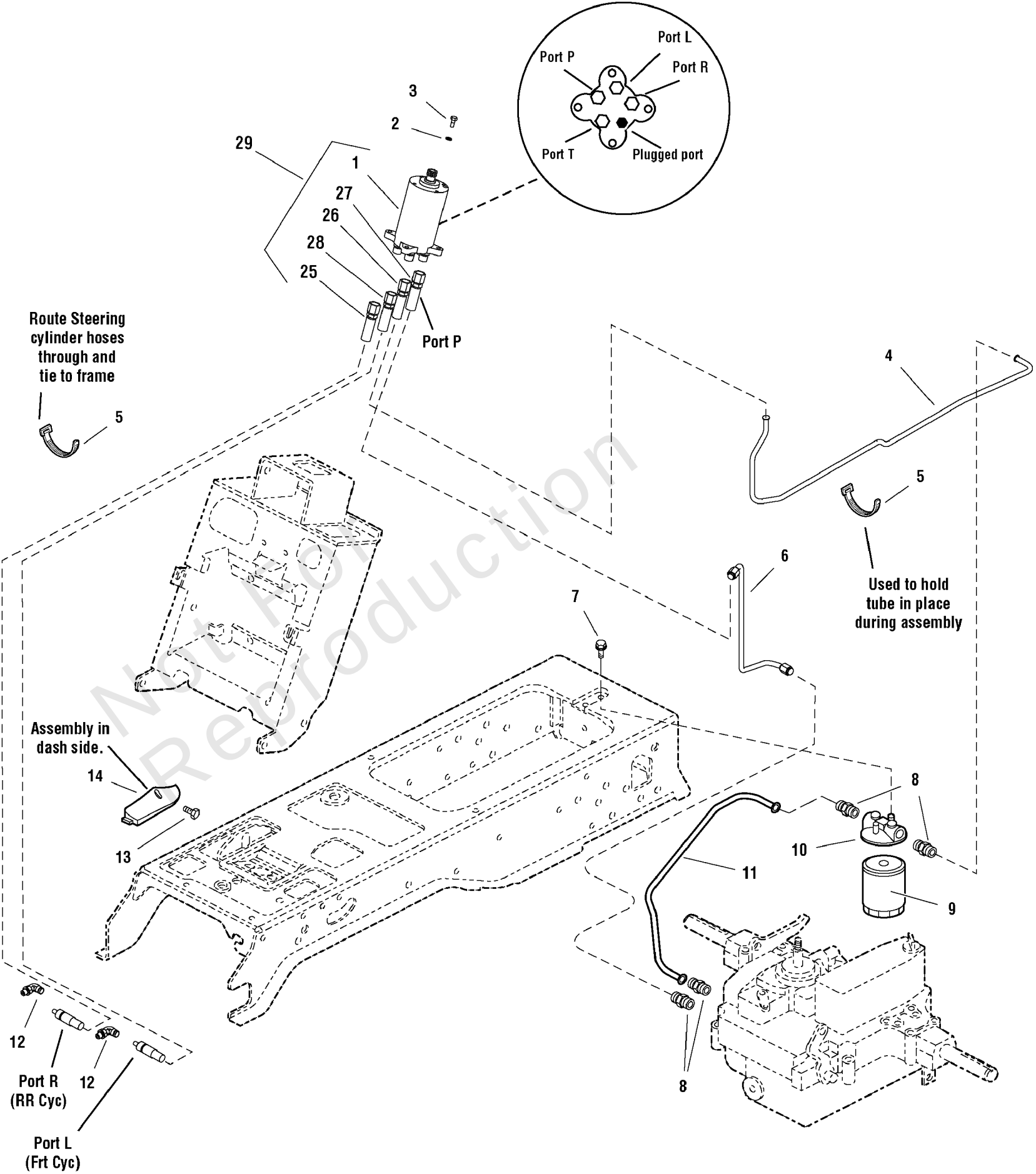
Lift Group - Manual

REF NO	PART NO	QTY	DESCRIPTION
1	1927557	2	NUT, Hex Whiz Lock Flange, 5/16-18, Large, Black
2	1931333	4	BOLT, Carriage, 5/16-18 x 3/4
3	1722291	1	GRIP, Lift Lever
4	1723124	1	BUTTON, Red Nylon, for 1/4 Rod
5	1960674	1	NUT, Push
6	1723321	1	SPRING, Compression, Lift Lever
7	1721581	1	QUADRANT, Lift, Powdered Metal
8	1926149	2	CAPSCREW, Hex Head, 5/16-18 x 1, G8, Black
9	1721712A	1	LEVER ASSEMBLY, Lift
10	1960636	5	NUT, Hex KEPS, 5/16-18
11	1722482	1	ROD, Latch
12	1722112	1	LOCK, Lift, Powdered Metal
13	2156302	1	SPRING
14	1723163	1	SPACER, 1/2 x 3/4 x 23/32
15	1723795A	1	BAR, Lift, 9-7/8 Long
16	1919381	1	WASHER, 5/16, Black
17	1921160	1	CAPSCREW, Hex Head, 5/16-18 x 2-1/4
18	1722819	1	PIN, Flat Head Drilled, 1/2 x 2-1/8 Long
19	1960033	1	CLIP, Hair Pin, 2-9/16 Long
20	1727436A	1	SHAFT ASSEMBLY, Lift
21	1935255	1	NUT, Speed, Lug Type, 5/16-18
22	1675232	1	SPRING, Compression
23	1723499	1	RETAINER, Spring Flat
24	1722357	1	CAPSCREW, Hex Washer Head, 5/16-18 x 4-1/2

Power Steering & Hydraulic Lift Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



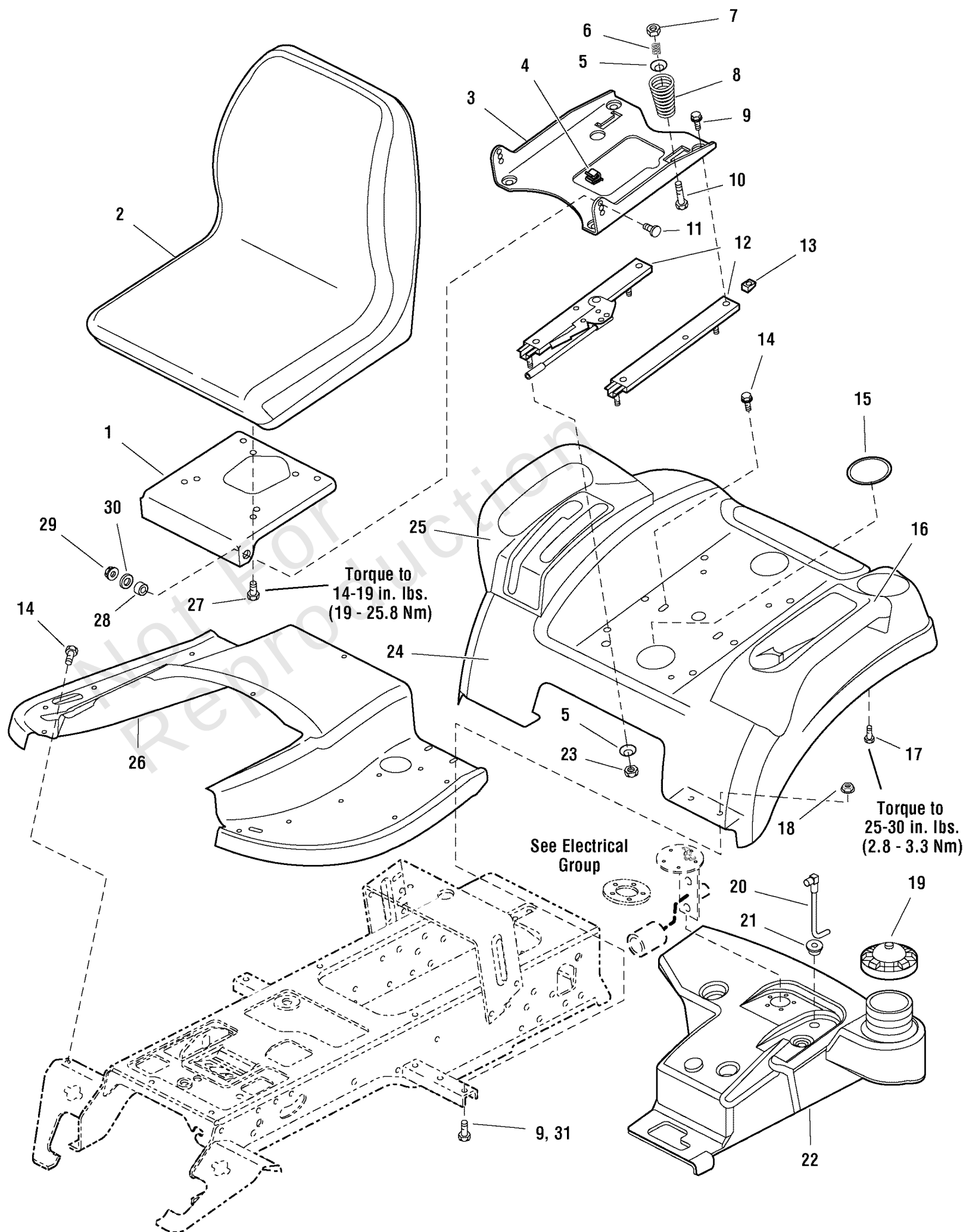
Power Steering & Hydraulic Lift Group

REF NO	PART NO	QTY	DESCRIPTION
1	1733409SM	1	POWER STEERING UNIT, 32CC, 4 Ports
2	1916964SM	4	LOCKWASHER, Spring
3	2860444SM	4	CAPSCREW, Hex Head
4	1722138SM	1	TUBE, Hydraulic, 8 Bends
5	2825094SM	2	TIE, Self Locking
6	1733727SM	1	TUBE, Hydraulic
7	1931646SM	2	SCREW, Hex Whiz Lock Flange 1/4-20 x 1/2
8	1722123SM	4	FITTING, Straight
9	1719168SM	1	FILTER, Oil
10	1719169SM	1	BASE, Oil Filter
11	1733427SM	1	TUBE, Hydraulic
12	1733230SM	2	FITTING, Hose Elbow Perma Push 9/16-18
13	1722607SM	1	SCREW, Round Head Plastite
14	1722285SM	1	COVER, Lift
25	1733893SM	1	HOSE ASSEMBLY, 27" -Port R
26	1733791SM	1	HOSE ASSEMBLY, 18" -Port T
27	1733780SM	1	HOSE ASSEMBLY, 26" -Port P
28	1733595SM	1	HOSE ASSEMBLY, 31" -Port L
29	1733894SM	1	POWER STEERING ASSEMBLY -(Includes Ref Nos 1, 25, 26, 27 & 28)

Seat & Seat Deck Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



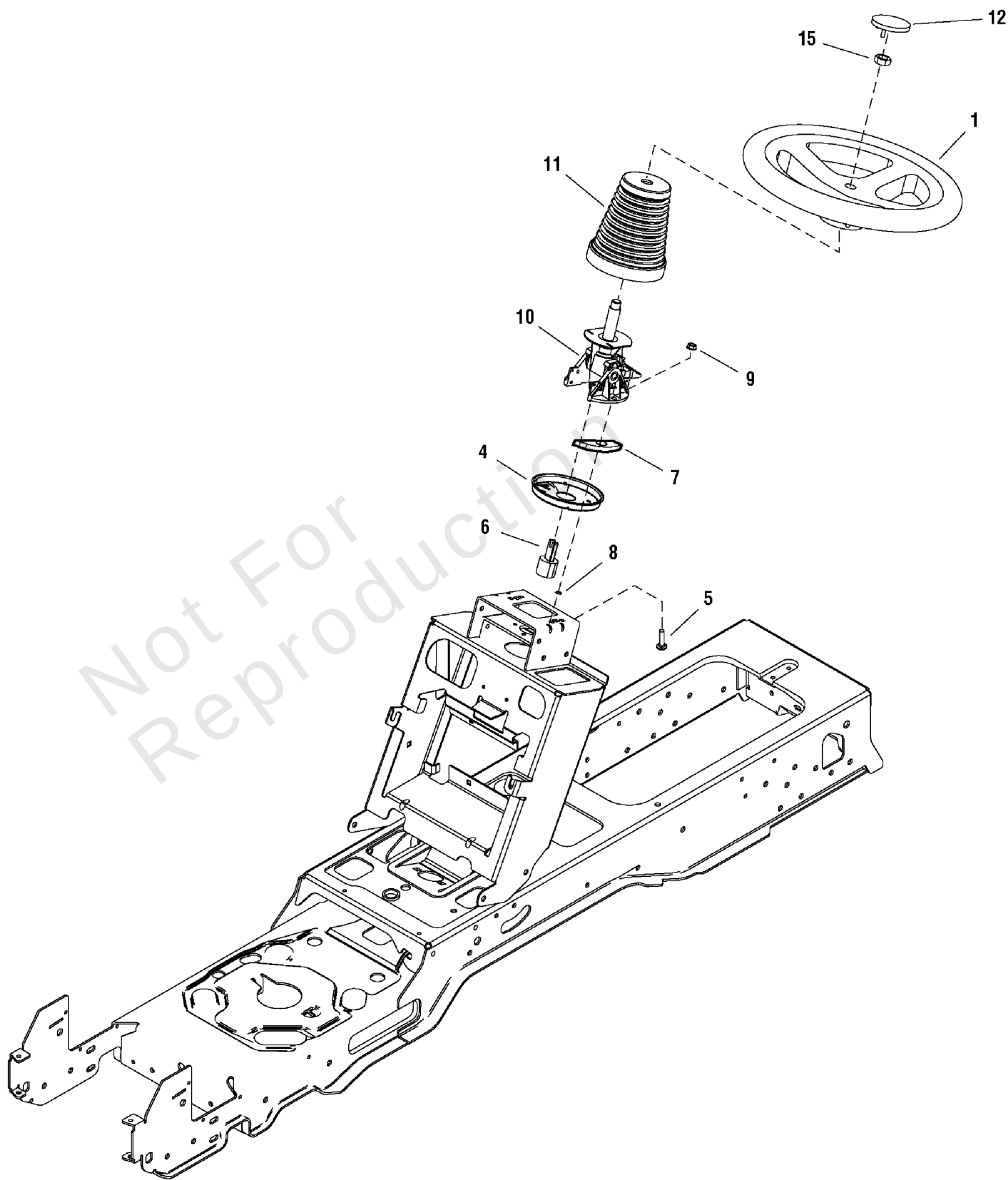
Seat & Seat Deck Group

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: 2690789



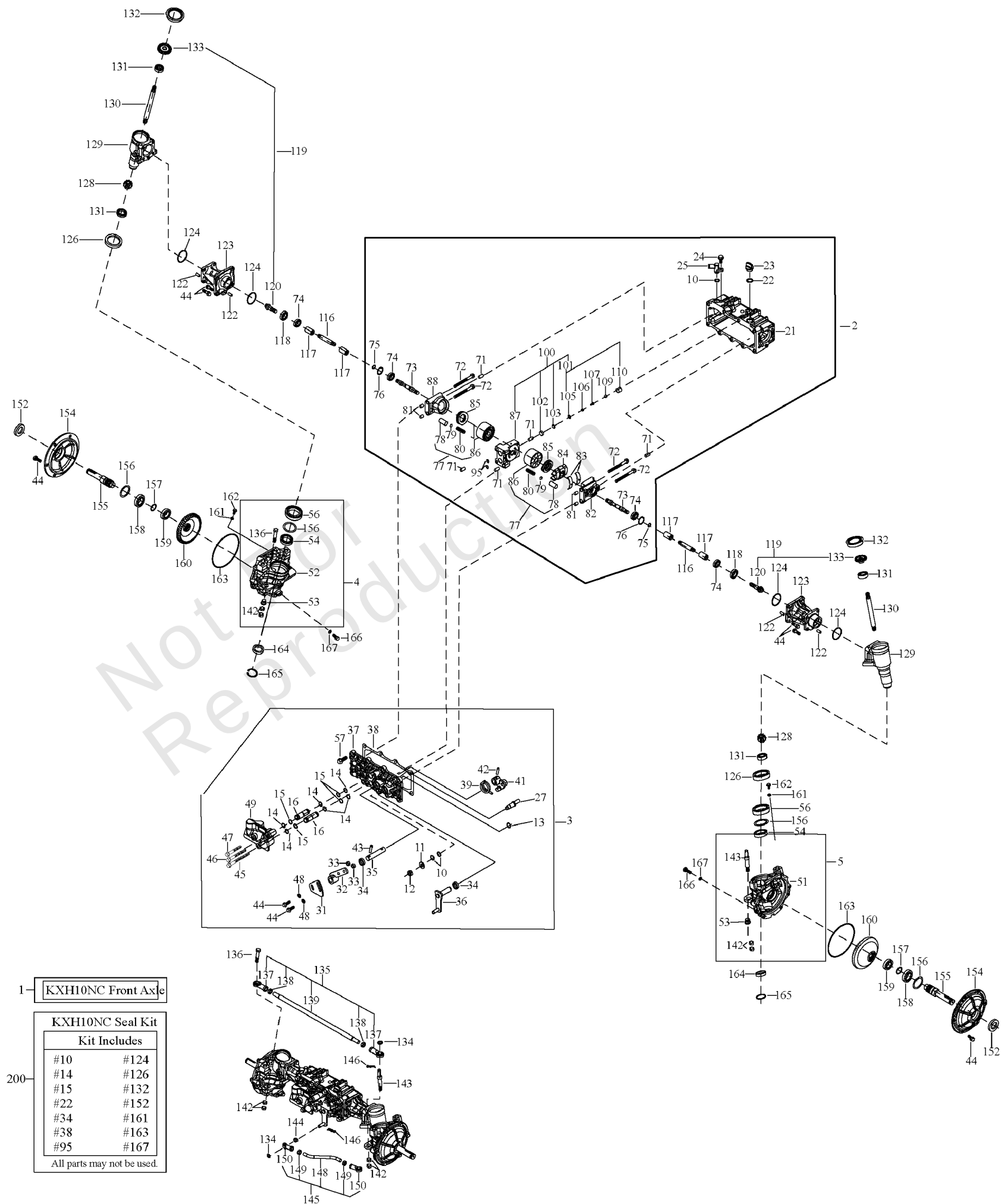
Steering Group - Tilt Steering

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

Transaxle SERVICE PARTS - Tuff Torq KXH10NC (1733480)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



Transaxle SERVICE PARTS - Tuff Torq KXH10NC (1733480)

REF NO	PART NO	QTY	DESCRIPTION
1	1733480SM	1	FRONT AXLE, Tuff Torq KXH10NC -(Tuff Torq Trans Axle Model: KXH110NC)
2	-----	1	*MOTOR KIT 10CC -(Includes All Items in Box)
3	-----	1	*MOTOR COVER, Complete -(Includes All Items in Box)
4	-----	1	*FRONT GEAR BOX, Left, Complete -(Includes All Items in Box)
5	-----	1	*FRONT GEAR BOX, Right, Complete -(Includes All Items in Box)
10	1707879SM	1	O-RING 1A P14
11	1708689SM	1	WASHER 12
12	1708692SM	1	NUT 12
13	1707912SM	1	SNAP RING
14	-----	1	*PACKING P 14.0
15	1735418SM	1	BACK-UP RING
16	-----	1	*JOINT PIPE
21	-----	1	*FRONT AXLE CASE
22	1707786SM	1	O-RING P18
23	1720760SM	1	OIL CAP 20
24	1724695SM	1	BOLT 8 x 20
25	1735420SM	1	ELBOW
27	-----	1	*FULCRUM
31	-----	1	*ADJUST PLATE
32	-----	1	*CONTROL LEVER
33	1707898SM	1	NUT 8
34	-----	1	*SEAL TC 162607
35	-----	1	*CONTROL SHAFT
36	-----	1	*CAM LEVER
37	-----	1	*MOTOR COVER
38	1735421SM	1	GASKET COVER
39	-----	1	*RETURN SPRING
41	-----	1	*CONTROL ARM
42	1718097SM	1	SPRING PIN 6 x 25
43	-----	1	*SPRING PIN 6 x32
44	1720867SM	1	BOLT 8 x 25
45	-----	1	*BOLT 8 x 100
46	-----	1	*BOLT 8 x 85
47	-----	1	*BOLT 8 x 65
48	1707896SM	1	WASHER 8
49	-----	1	*CONNECTING BLOCK
53	-----	1	*BUSH 12 x 15 x 11.5
54	-----	1	*BEARING 6906 C3
56	-----	1	*BEARING 6908 C3
57	-----	1	*BOLT 10 x 30
71	-----	1	*PIN 10 x 18
72	1726291SM	1	BOLT 8 x 90
73	-----	1	*MOTOR SHAFT 10CC
74	-----	1	*BEARING 6001 C3
75	-----	1	*RING, Snap 12

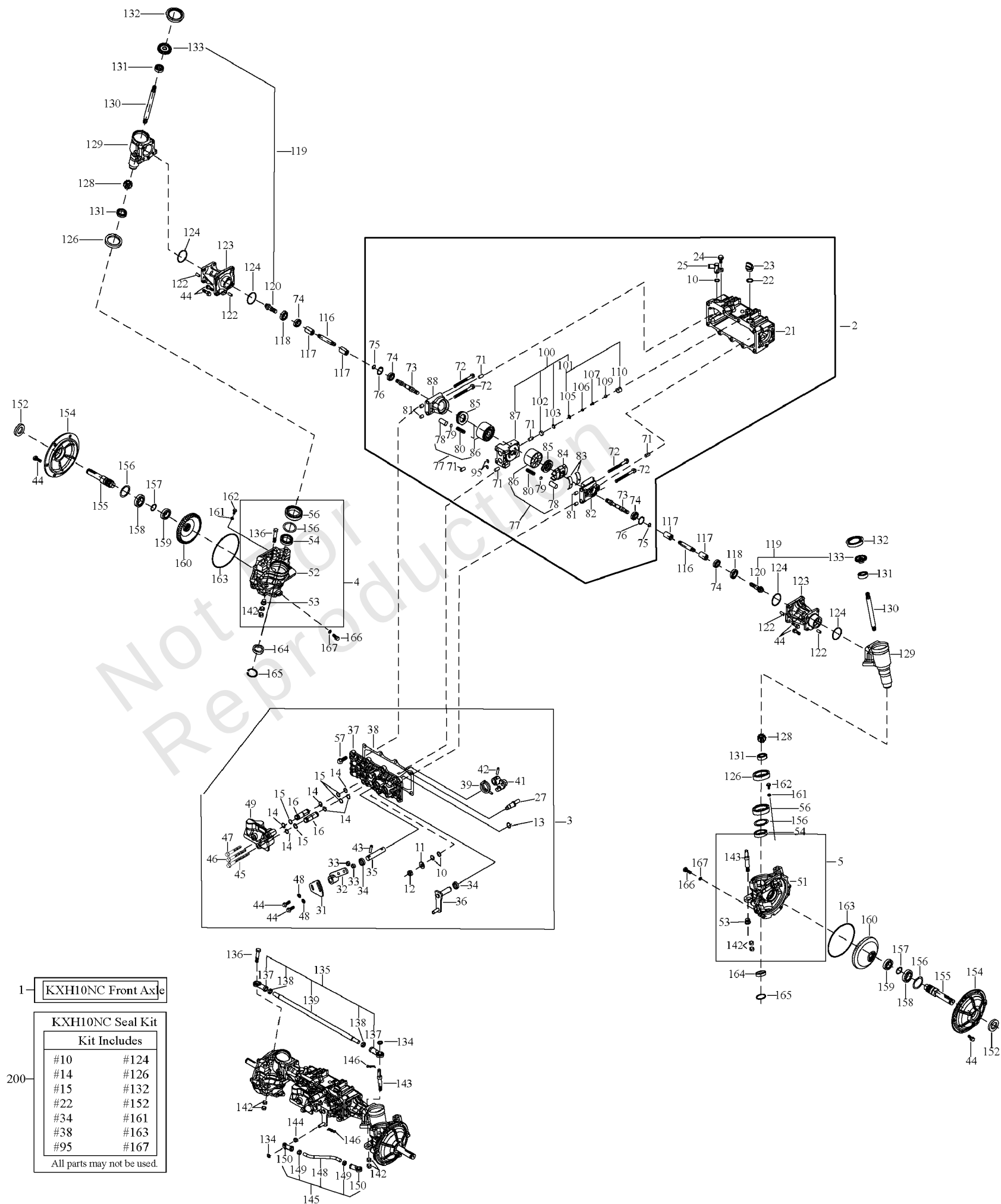
Footnotes:

Note:* See your local authorized Tuff Torq dealership for parts and warranty or visit TuffTorqServices.com.

Transaxle SERVICE PARTS - Tuff Torq KXH10NC (1733480)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



Transaxle SERVICE PARTS - Tuff Torq KXH10NC (1733480)

REF NO	PART NO	QTY	DESCRIPTION
76	-----	1	*RING 28
77	1718079SM	1	CYLINDER BLOCK KIT -(Included Ref. Nos. 78, 79, 80 & 86 not servicable seperatly)
81	-----	1	*PIN 10 x 13
82	-----	1	*SWASH SUPPORT, Right
83	1718089SM	1	THRUST METAL
84	-----	1	*SWASH PLATE
85	1718078SM	1	THRUST BEARING 51106
88	-----	1	*SWASH SUPPORT, Left
95	-----	1	*PACKING S 10.0
100	-----	1	*CENTER CASE 10CC, Complete -(Includes Ref. Nos. 87, 101, 102 & 103)
101	-----	1	*CHECK VALVE, Complete -(Included Ref. Nos. 105, 106, 107, 109 & 110 not servicable seperatly)
102	-----	1	*COLLAR
103	1726116SM	1	SCREEN
116	-----	1	*JOINT SHAFT N
117	-----	1	*SPLINE COLLAR B
118	-----	1	*BEARING 6002 C3
119	-----	1	*KIT, Bevel Gear -(Included Ref. Nos. 133 & 120 not servicable seperatly)
122	1720848SM	1	PIN 8 x 16
123	-----	1	*AXLE FLANGE
124	1735422SM	1	PACKING G 45.0
126	-----	1	*SEAL TC466411
128	-----	1	*FINAL PINION GEAR (9T)
129	-----	1	*FRONT GEAR CASE
130	-----	1	*SHAFT FRONT 2ND
131	-----	1	*BEARING 6003 C3
132	1735424SM	1	SEAL CAP 56
134	1714658SM	1	WASHER 10
135	1735425SM	1	TIE ROD, Complete -(Included Ref. Nos. 137, 138 & 139 not servicable seperatly)
136	-----	1	*TIE ROD PIN, Left
142	-----	1	*NUT 10
143	-----	1	*TIE ROD PIN, Right
144	-----	1	BUSHING 10
145	1735426SM	1	STEERING ROD COMPLETE N -(Included Ref. Nos. 148, 149 & 150 not servicable seperatly)
146	-----	1	SNAP PIN 10
152	1735427SM	1	SEAL TC254708
154	-----	1	*FRONT BEARING COVER
155	-----	1	*FRONT AXLE SHAFT
156	1735428SM	1	RING 47
157	1735429SM	1	RING 24
158	1735430SM	1	BEARING 6005 C3
159	-----	1	BEARING 6004 C3
160	-----	1	*FINAL GEAR (51T)
161	-----	1	*WASHER SEAL 6
162	-----	1	*BOLT 6 x 12

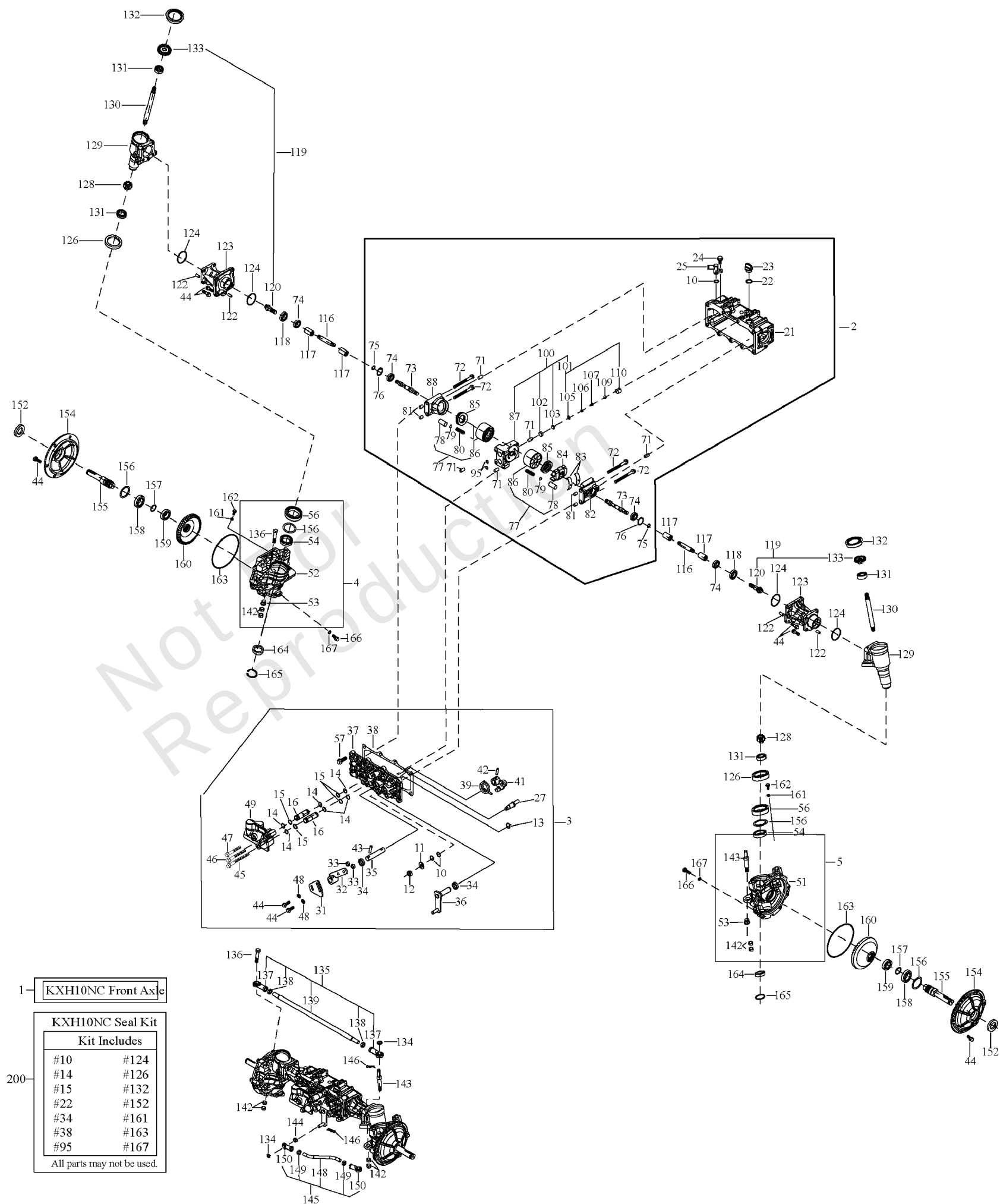
Footnotes:

Note:* See your local authorized Tuff Torq dealership for parts and warranty or visit TuffTorqServices.com.

Transaxle SERVICE PARTS - Tuff Torq KXH10NC (1733480)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



Transaxle SERVICE PARTS - Tuff Torq KXH10NC (1733480)

REF NO	PART NO	QTY	DESCRIPTION
163	1735431SM	1	PACKING G140.0
164	1726183SM	1	COLLAR 30*38*4
165	-----	1	*RING 30
166	-----	1	*BOLT 8 x 16
167	1724323	1	SEAL WASHER 8
200	-----	1	*SEAL KIT

Not For
Reproduction

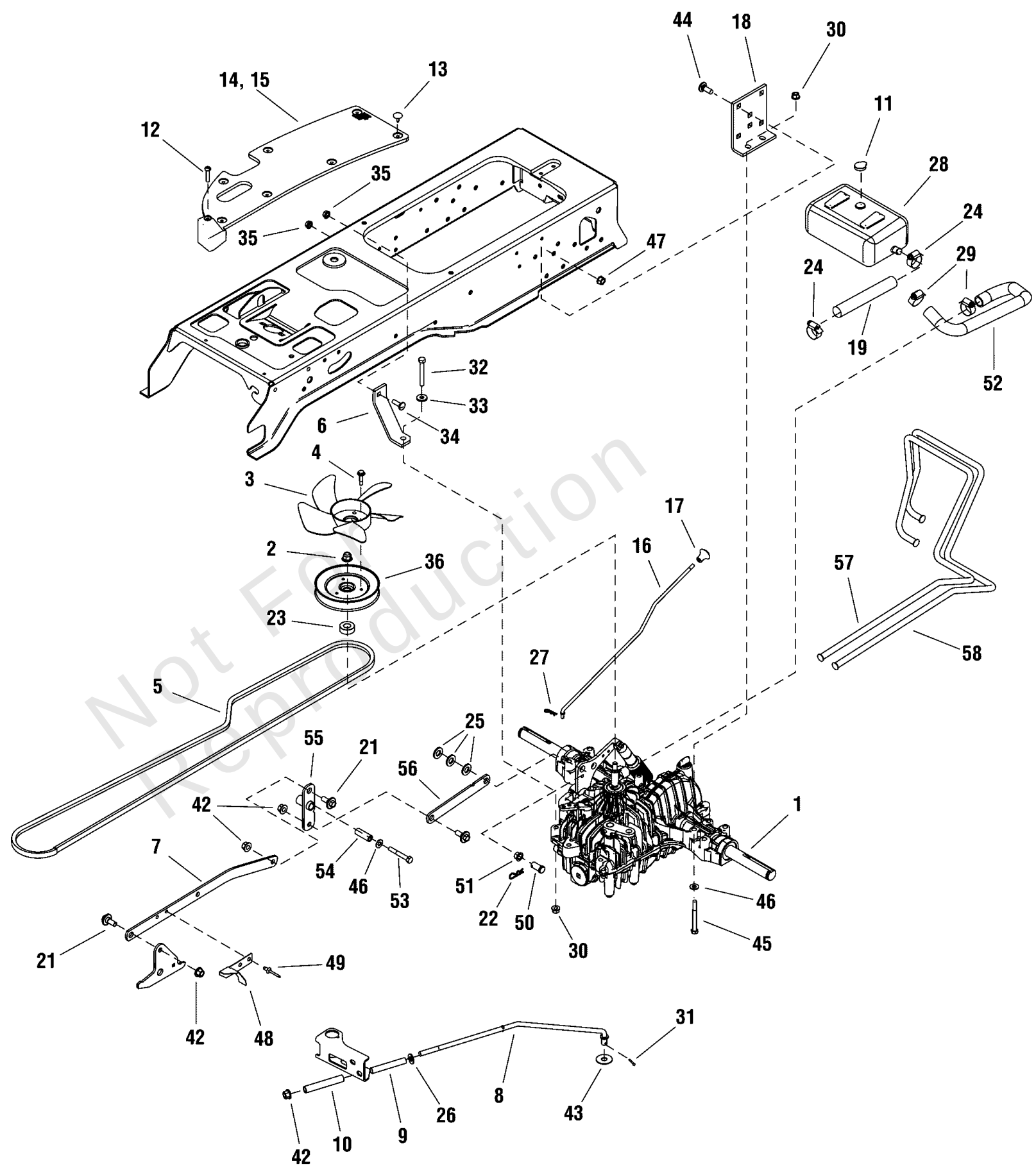
Footnotes:

Note:* See your local authorized Tuff Torq dealership for parts and warranty or visit TuffTorqServices.com.

Transmission Group - 4WD

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



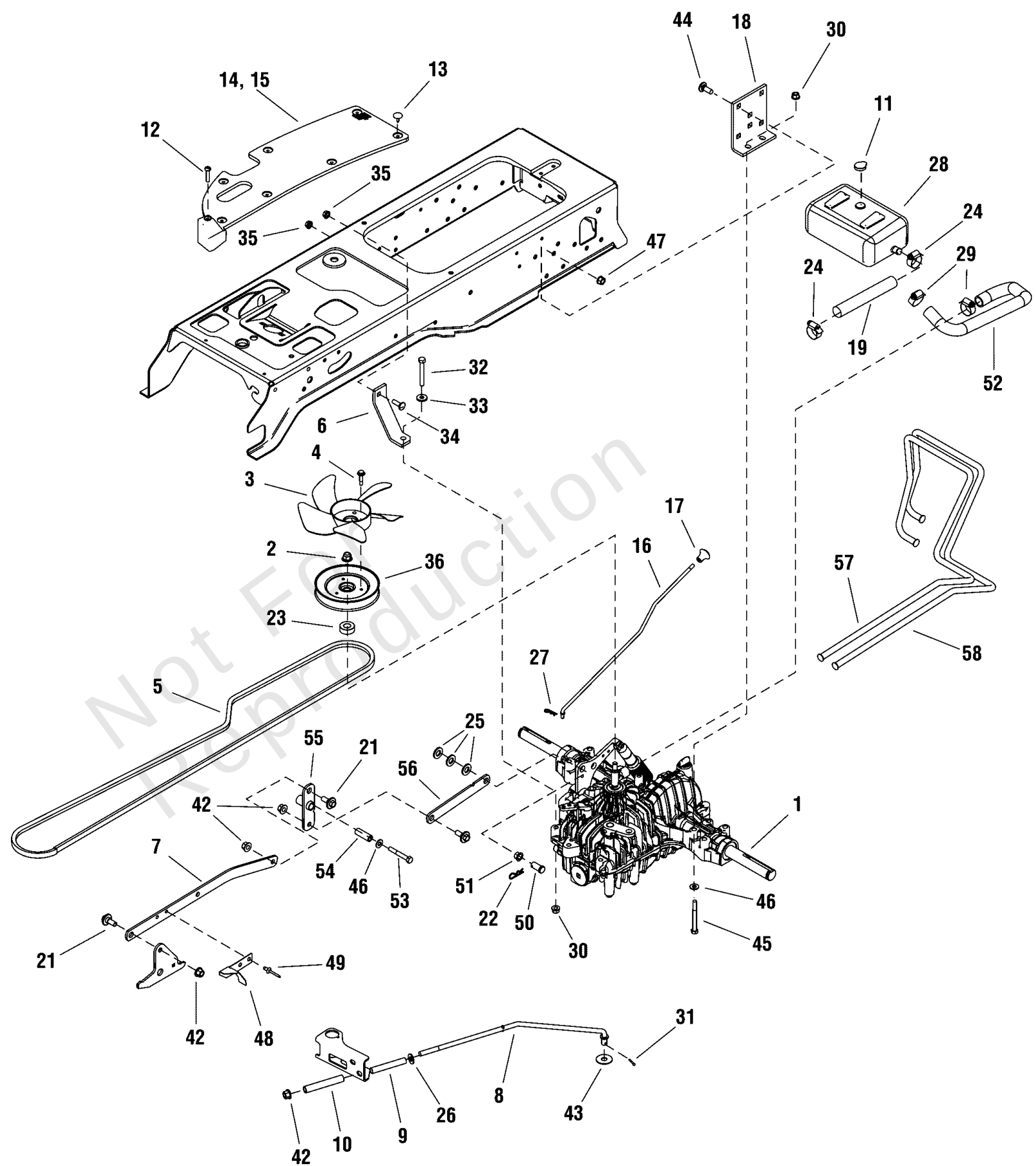
Transmission Group - 4WD

REF NO	PART NO	QTY	DESCRIPTION
1	1733478SM	1	TRANSMISSION ASSEMBLY, K664C
2	1719968SM	1	NUT, Hex Flange
3	1719233SM	1	FAN
4	1933958SM	3	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 1-1/4
5	1721392SM	1	BELT, 94.05
6	1721593ASM	1	STRAP, 4-1/4 LONG-BLAC
7	1733318ASM	1	ARM, Control 7GA
8	1721424SM	1	ROD, 17-27/64 Long
9	1722684SM	1	SPRING, Compression
10	1729277SM	1	SPRING, Compression
11	1722711SM	1	CAP, Expansion
12	1960676SM	2	SCREW, Pan Head Torx, 1/4-20 x 1-1/4 Taptite
13	1704351SM	15	FASTENER, Panel
14	1722174SM	1	PAD, Footrest L.H.
15	1722173SM	1	PAD, Footrest R.H.
16	1721622SM	1	ROD, Free Wheel
17	1723126SM	1	KNOB, Interior Thread
18	1721728ASM	2	SUPPORT, Transmission
19	1733531SM	1	HOSE, Hydraulic
21	1732129SM	3	BOLT, Shoulder, 3/8-16
22	1960074SM	1	CLIP, HAIR PIN .093DI -(Used on Early Models)
23	1734337SM	1	SPACER
24	2860266SM	1	CLAMP, Hose Worm
25	1960027SM	3	WASHER, 1/2 -(Used on Early Models)
26	1924940SM	1	WASHER, 3/8
27	1722460SM	1	PIN, Quick
28	1732989SM	1	TANK, Oil Natural
29	1723214SM	2	CLAMP, Hose Worm
30	1960686SM	6	NUT, Hex Flange 5/16-18 ESNA
31	1918447SM	1	COTTER PIN
32	1921719SM	1	CAPSCREW, Hex Head 5/16-18 x 2-1/2 G5
33	1960141SM	1	WASHER, 5/16
34	1931335SM	1	BOLT, Carriage, Short Neck, 5/16-18 x 1
35	1960636SM	2	NUT, Hex KEPS 5/16-18
36	1722194SM	1	PULLEY & HUB ASSEMBLY
42	1960687SM	5	NUT, Hex Flange 3/8-16 ESNA
43	1918267SM	1	WASHER, 7/16
44	1931350SM	6	BOLT, RD HD SH SQ NK
45	1960590SM	4	CAPSCREW, Hex Head 5/16-18 x 3 G5
46	1919326SM	3	WASHER, 5/16
47	1960637SM	6	NUT, Hex Keps 3/8-16
48	1727215ASM	1	ACTUATOR, Switch
49	1960241SM	2	POP RIVET
50	1724107SM	1	PIN-CLEVIS .494DIAX1. -(Used on Early Models)
51	1722648SM	1	BEARING
52	1722468SM	1	HOSE, Hydraulic
53	1921160SM	1	CAPSCREW, Hex Head, 5/16-18 x 2-1/4 G5
54	1713588SM	1	SPACER-0.323IDX0.555O
55	1733320ASM	1	PIVOT ASSEMBLY, Control

Transmission Group - 4WD

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



Transmission Group - 4WD

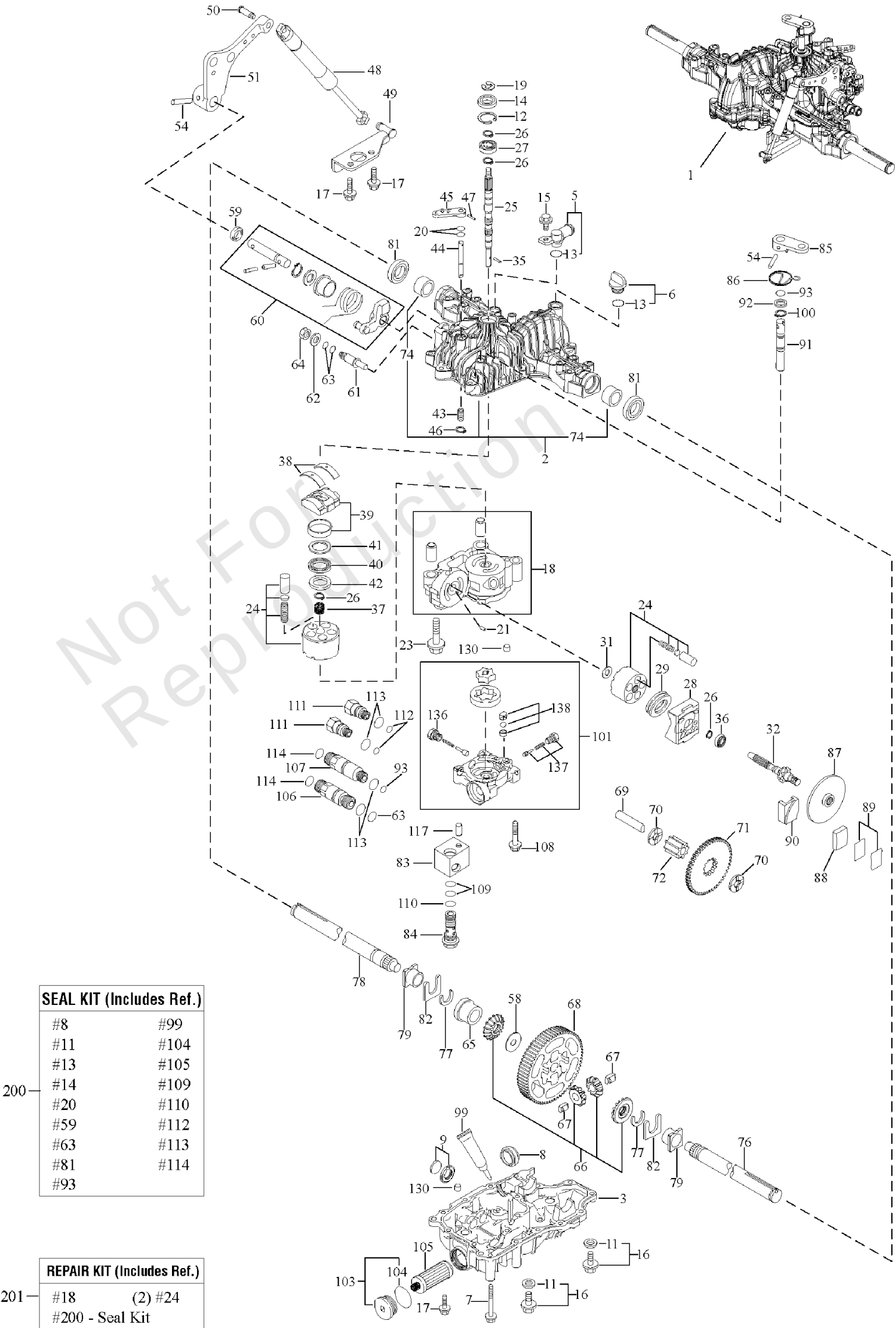
REF NO	PART NO	QTY	DESCRIPTION
56	1733525ASM	1	ARM, Control
57	1733483SM	1	TUBE, Hydraulic 4WD
58	1733484SM	1	TUBE, Hydraulic Rear
65	1926192SM	1	WASHER-0.500(0.56IDX1 -(Used on Late Models)
66	2172622	1	CAPSCREW, Hex Head, 5/16-18 x 1 -(Used on Late Models)

Not For Reproduction

Transmission SERVICE PARTS - Tuff Torq K664C (1733478)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



Transmission SERVICE PARTS - Tuff Torq K664C (1733478)

REF NO	PART NO	QTY	DESCRIPTION
1	1733478SM		*TRANSMISSION, Tuff Torq K664C
2	-----		*KIT, Upper Case
3	-----		*LOWER CASE
5	-----		*FITTING KIT
6	1739695YP		KIT, Oil Cap
7	1718226SM		CAP SCREW 8 * 75
8	1720761SM		FILTER
9	1718065SM		MAGNET
11	1720796SM		WASHER, Seal, 10
12	1708650SM		SNAP RING C 35
13	1707786SM		O-RING P18
14	1708651SM		SEAL TC 153507
15	1724695SM		BOLT, 8 * 20
16	-----		*KIT, Drain Bolt
17	1707789SM		TAPPING SCREW 8 * 30
18	-----		*CENTER CASE AA
19	1718076SM		E-RING 15
20	1708691SM		O-RING, 1A P10A
21	1718070SM		PIN 3 * 9.8
23	1724698SM		BOLT, 10 * 65
24	-----		*KIT, Cylinder Block
25	1739696YP		PUMP SHAFT
26	1708672SM		RING, Snap, S15
27	1708673SM		BEARING, 6202C3
28	-----		*MOTOR HOUSING
29	1708675SM		THRUST BEARING
31	1718084SM		WASHER, 12 * 24 * 1
32	1724701SM		MOTOR SHAFT/GEAR (10T)
35	1722223SM		PIN 3 * 13.8
36	1724702SM		BEARING, 6302DUC3
37	1708669SM		PUMP SPRING
38	1708677SM		THRUST METAL
39	-----		*SWASH PLATE
40	-----		*BEARING, K81106
41	-----		*THRUST PLATE A
42	1718239SM		THRUST PLATE B
43	-----		*SPRING 25
44	-----		*BYPASS SHAFT
45	1720418SM		LEVER, Bypass
46	1718061SM		SNAP RING 10
47	-----		*SPRING PIN 3.0A * 20
48	1718039SM		SHOCK ABSORBER, K65
49	-----		*STAY
50	1724705SM		PIN
51	-----		*CONTROL LEVER A
54	1718100SM		ROLL PIN 6 * 40
58	-----		*WASHER, 17 * 36 * 6.4
59	1718120SM		SEAL TC 162606

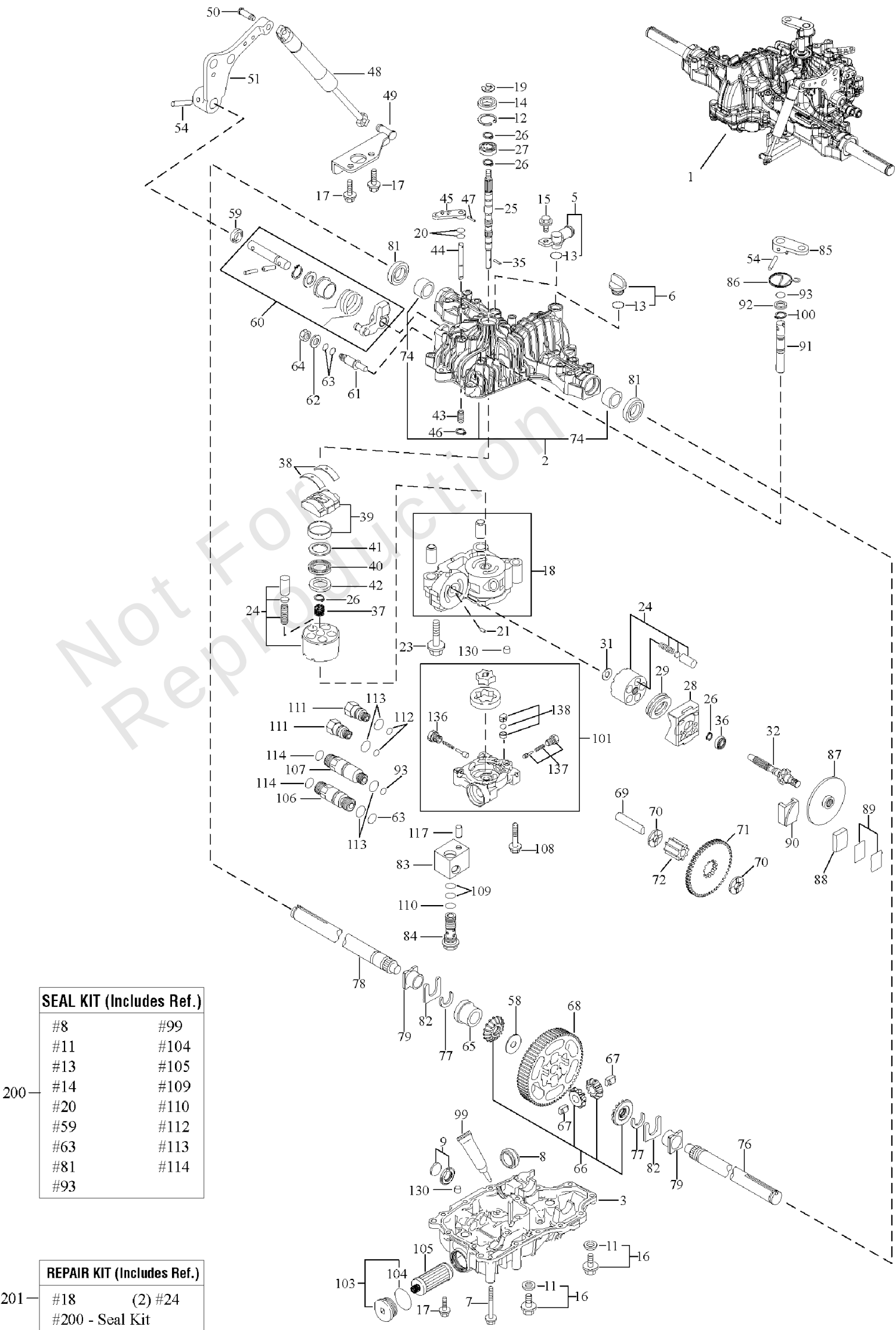
Footnotes:

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 K664C (1733478)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



Transmission SERVICE PARTS - Tuff Torq K664C (1733478)

REF NO	PART NO	QTY	DESCRIPTION
60	-----		*KIT, Control Shaft
61	1721184SM		FULCRUM
62	1708689SM		WASHER, 12
63	1707879SM		O-RING 1A P14
64	1708692SM		NUT 12
65	-----		*COLLAR 25.4
66	-----		*KIT, Differential Gear
67	-----		*PIN, Differential Pinion
68	-----		*FINAL GEAR
69	-----		*SHAFT, Final Pinion
70	1724715SM		WASHER, 15 * 35 * 3.2
71	1724716SM		REDUCTION GEAR 55T
72	1724717SM		FINAL PINION Gear (11T)
74	1724693SM		BUSHING, 25.4
76	-----		AXLE SHAFT, Left
77	1720859SM		RETAINING RING 23
78	-----		*AXLE SHAFT, Right
79	-----		*BUSHING
81	1718264SM		SEAL S 25.4 * 42 * 8
82	1720858SM		THRUST WASHER
83	-----		*PIPING BLOCK
84	-----		*CONNECTOR
85	-----		*BRAKE LEVER
86	-----		*BRAKE RETURN SPRING
87	1724723SM		BRAKE DISC
88	-----		*BRAKE SHOE
89	1724725SM		SHIM KIT
90	1724726SM		BRAKE
91	-----		*BRAKE SHAFT
92	1724728SM		WASHER, 16 * 23 * 1.6
93	1708690SM		O-RING 1A P12
99	-----		*SEALANT
100	1707912SM		SNAP RING
101	-----		*KIT, Pump Case (K664C & E)
103	1739697YP		KIT, Cap
104	-----		*O-RING 1A 24040
105	1736211SM		FILTER
106	-----		*PIPING C
107	-----		*PIPING D
108	1720833SM		BOLT, 8 * 45
109	-----		*PACKING P12A
110	-----		*O-RING P14.0
111	1720829SM		CONNECTOR
112	1720831SM		O-RING 6.1
113	1707785SM		O-RING 1A P16
114	-----		*O-RING (ORFS)
130	-----		*ALIGNMENT SLEEVE 11 * 7
136	-----		*CHARGE RELIEF VALVE

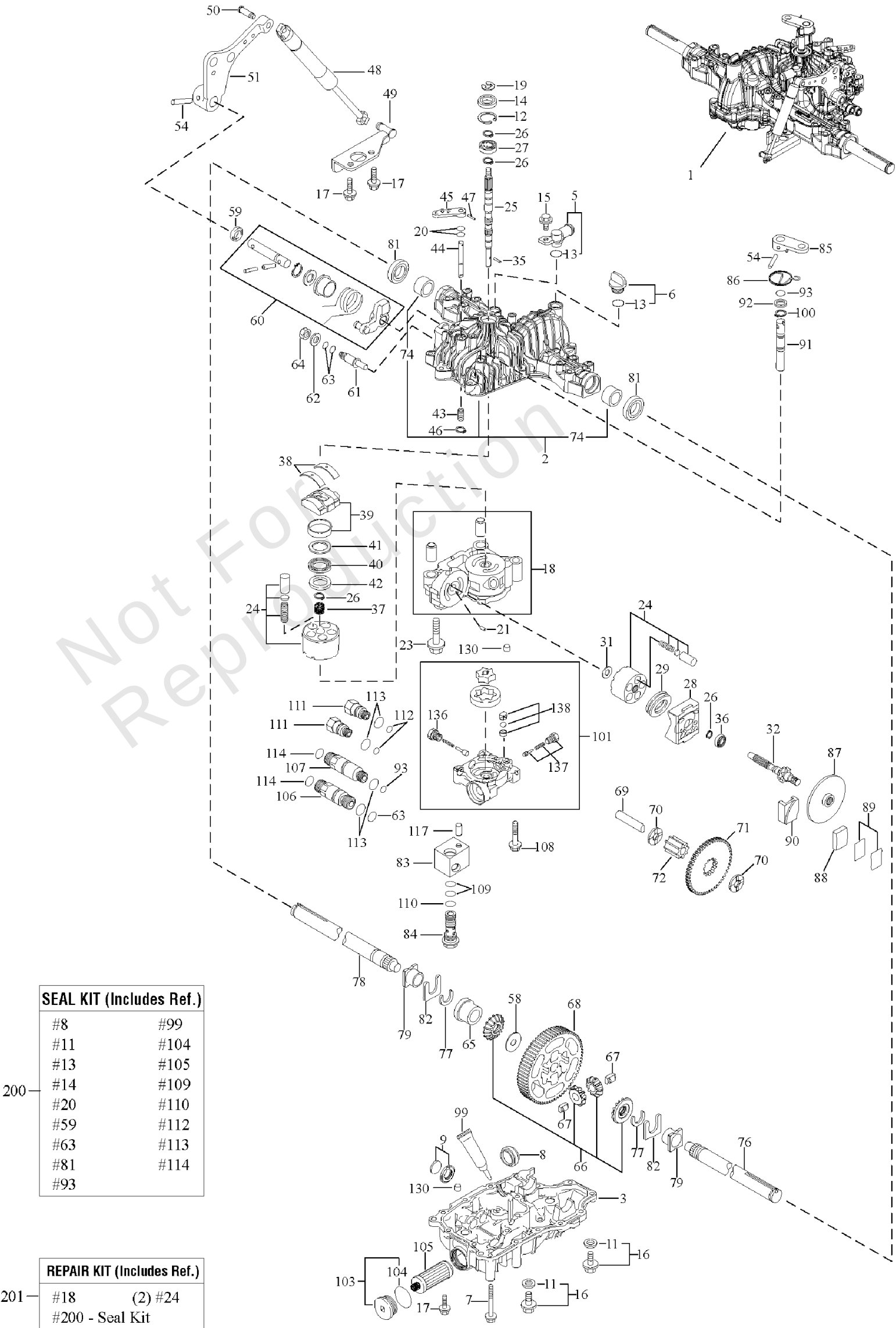
Footnotes:

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 K664C (1733478)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2690789



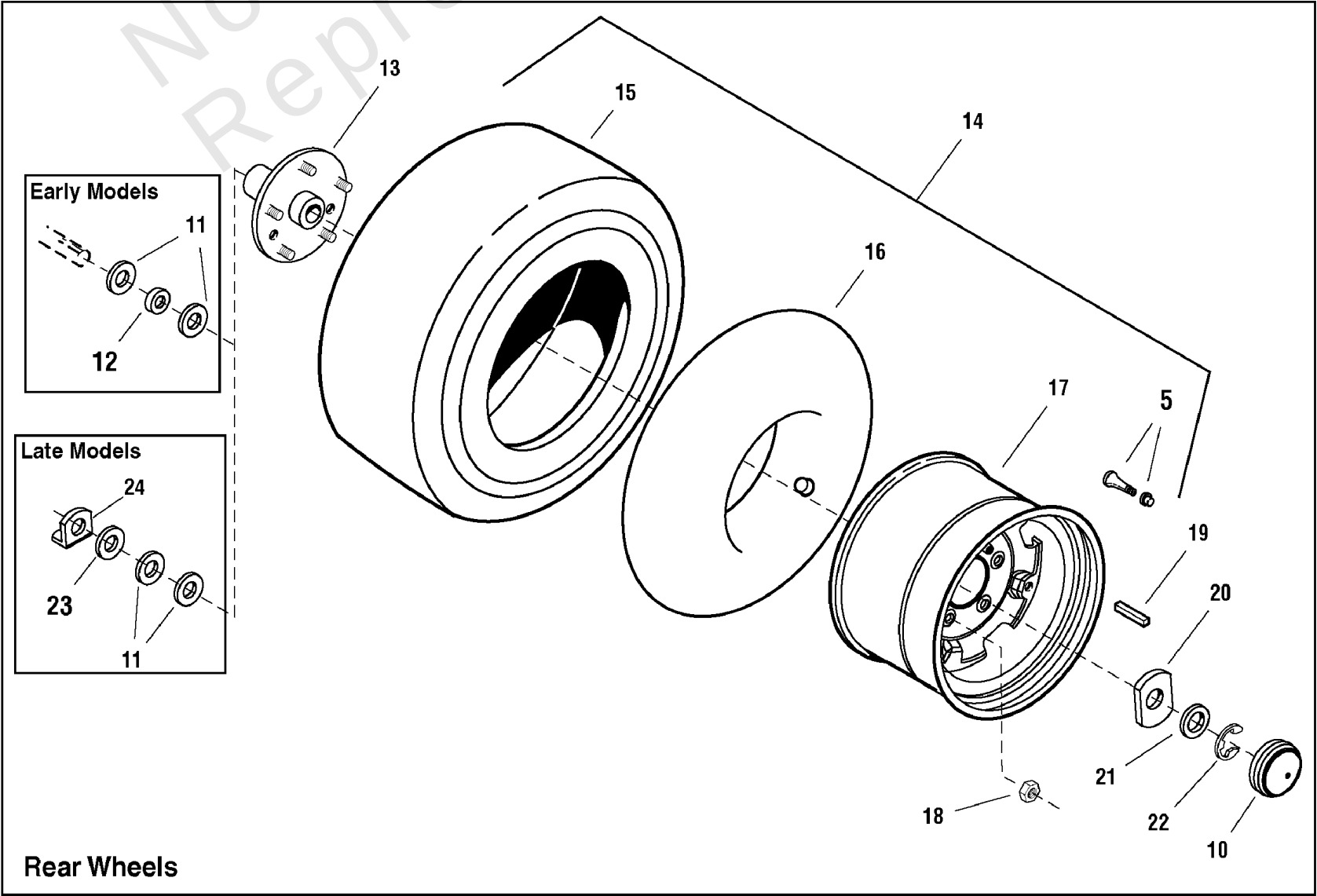
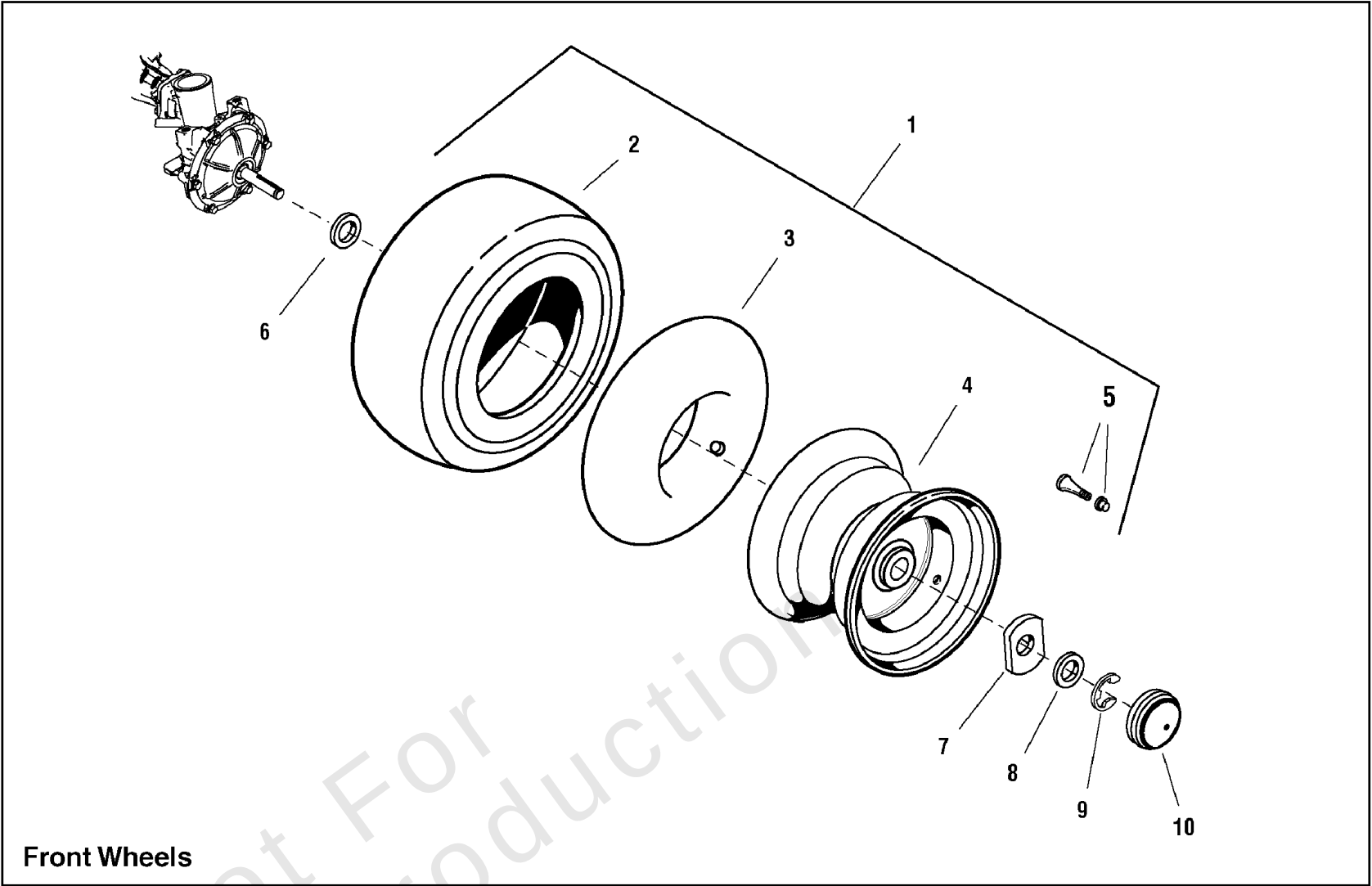
Transmission SERVICE PARTS - Tuff Torq K664C (1733478)

REF NO	PART NO	QTY	DESCRIPTION
137	-----		*IMPLEMENT RELIEF VALVE
138	-----		*3RD CHECK VALVE
200	1739698YP		SEAL KIT (K664C & K664J)
201	-----		*REPAIR KIT (K664C)

Not For
Reproduction

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)



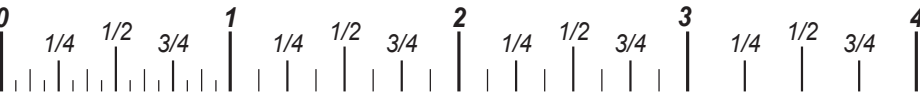
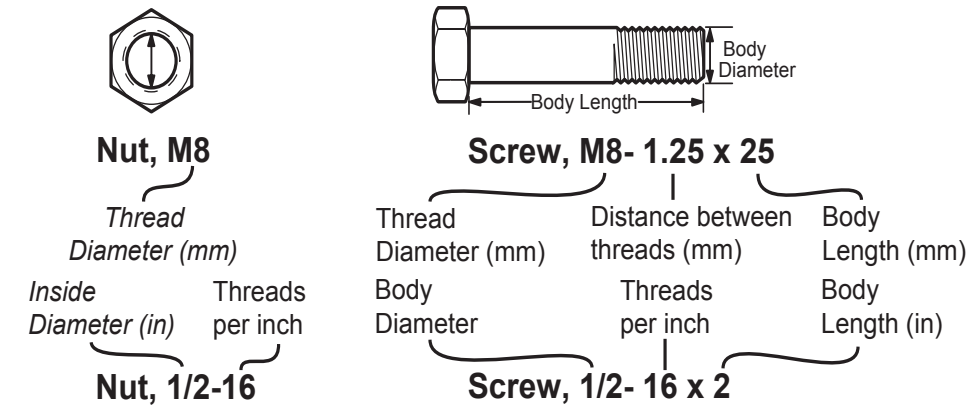
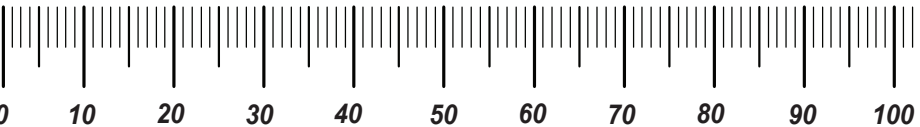
Wheels & Tires Group

REF NO	PART NO	QTY	DESCRIPTION
1	1735010SM	2	WHEEL & TIRE ASSEMBLY -(Includes Ref. Nos. 2, 3, 4 & 5)
2	1735706SM	2	TIRE, 16 x 6-1/2-8
3	2153038SM	2	TUBE, Tire
4	1733237SM	2	WHEEL ASSEMBLY
5	2172353SM	4	VALVE STEM & CAP
6	2860202SM	2	WASHER, Flat 3/4 x 1-5/8 x 1/8
7	1722717ASM	2	WASHER, Flat
8	1960114SM	2	WASHER, 3/4
9	2827794SM	2	KLIPRING, .75 Dia Shaft
10	1722676SM	4	CAP, Hub
11	1960701SM	4	WASHER, 1 x 2-1/4 x 1/8
12	1726089SM	2	SPACER -(Used on Early Models)
13	1721400SM	2	PLATE & HUB ASMY
14	1735011SM	2	WHEEL & TIRE ASSEMBLY -(Includes Ref. Nos. 5, 15, 16 & 17)
15	1735705SM	2	TIRE, 23 x 10-1/2-12
16	2157638SM	2	TUBE, Tire
17	-----	2	WHEEL-REAR 12X7.
18	2177725SM	10	NUT, Hex 7/16-20 For Wheel Bolt
19	2105337SM	2	KEY, Hi-Pro 1/4 x 2
20	1722726ASM	2	WASHER, Flat
21	1919394SM	2	WASHER, Flat
22	2834712SM	2	RING
23	2860200SM	2	WASHER, Flat, 1" -(Used on Late Models)
24	1737043AYP	2	BRACKET, Washer Axle -(Used on Late Models)

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).

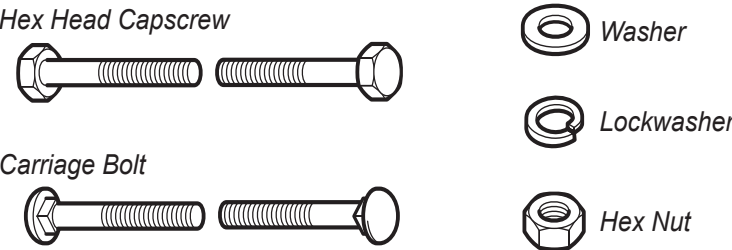
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

