MASSEY FERGUSON

Parts Manual

Mfg. No: 1692492

2512G, 12.5 Gear and 36" Mower Deck

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1692410 - 36" Mower Deck. . . . . .
1692493 - 2512G, 12.5 Gear. . . . . .

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Model Components

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36" Mower Deck - Clutch & Roller Support

Note: Unless noted otherwise, use the standard torque specifications

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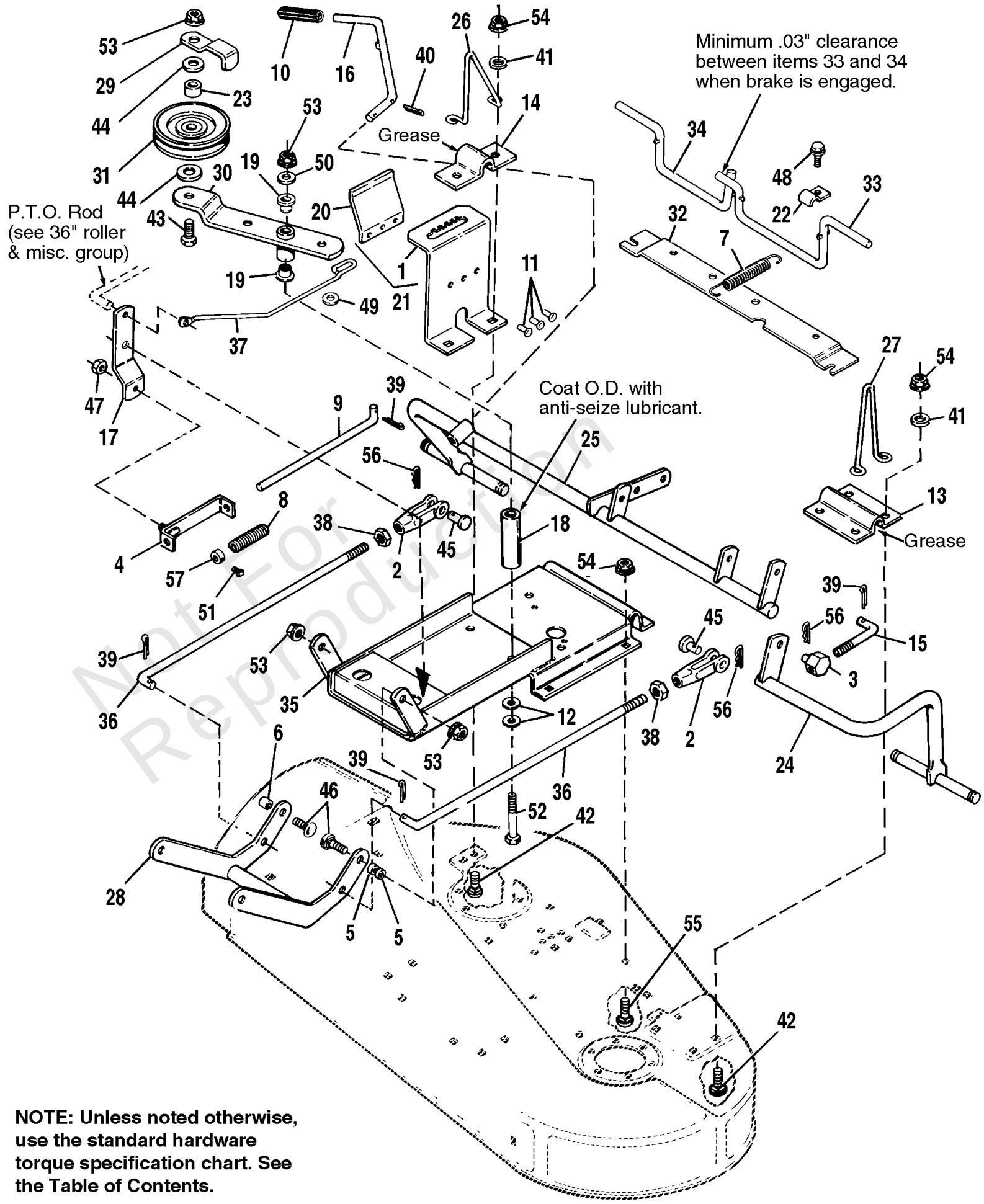

NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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36" Mower Deck - Clutch & Roller Support

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	QUADRANT (See Ref. No. 21)
2	2108157SM	2	CLEVIS, Adjusting
3	2108512SM	1	PIVOT
4	2108662SM	1	GUIDE ASSY., Rod
5	2108717SM	2	SPACER
6	2154177SM	1	SPACER
7	2159159SM	2	SPRING
8	2163103SM	1	SPRING
9	2171320SM	1	ROD, Clutch
10	2176933SM	1	GRIP, Handle
11	2810542SM	3	RIVET, Tubular, 3/16 x 5/16
12	2824356	2	WASHER
13	1653768ASM	1	CLAMP, Adjusting, Wheel Support
14	1654655	1	STRAP
15	1655811SM	1	ROD, Bolt
16	1656412SM	1	LEVER, Control
17	1656991ASM	1	ARM, Pivot
18	1657242SM	1	SPACER
19	1663114SM	2	BUSHING, Universal
20	1663222SM	1	SPRING, Flat
21	1663223SM	1	QUADRANT ASSY. -(Includes Ref. Nos. 1, 11 & 20)
22	1664004SM	4	CLIP, Brake Rod
23	1666294SM	1	SPACER
24	1668098SM	1	SUPPORT ASSY., Roller, LH
25	1668099ASM	1	SUPPORT ASSY., Roller, RH
26	1669232SM	1	UP-STOP, R.H.
27	1669233SM	1	UP-STOP, L.H.
28	1674011ASM	1	ARM ASSY., Rocker
29	1677135ASM	1	GUARD, Spring
30	1677750SM	1	LEVER ASSY., Clutch -(Incl. Ref. No. 16, Qty. 2)
31	1685150SM	1	PULLEY ASSY.
32	1701532SM	1	SUPPORT, Brake
33	1701535SM	1	ROD, Brake
34	1701536SM	1	ROD, Brake
35	1702341ASM	1	SUPPORT ASSY., Mower
36	1702502SM	2	ROD, Height Adjustment
37	1707563SM	1	ROD, Brake
38	1916950SM	4	NUT, Hex, Full, 3/8-16
39	1918447SM	4	PIN, Cotter, 3/32 x 3/4
40	1918452SM	1	COTTER PIN
41	1919326SM	4	WASHER, 5/16
42	1960223SM	6	BOLT-RD HD SH SQ NK 5
43	1921971SM	1	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
44	1922755SM	2	WASHER, Plain
45	1923087SM	2	PIN, Clevis
46	1923220SM	2	CARRIAGE BOLT, 3/8-16 x 1-1/4
47	1923362SM	1	LOCKNUT, Hex, 5/16-18

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Footnotes:

Note:* Not serviced seperately, order complete Quadrant Assembly.

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36" Mower Deck - Clutch & Roller Support

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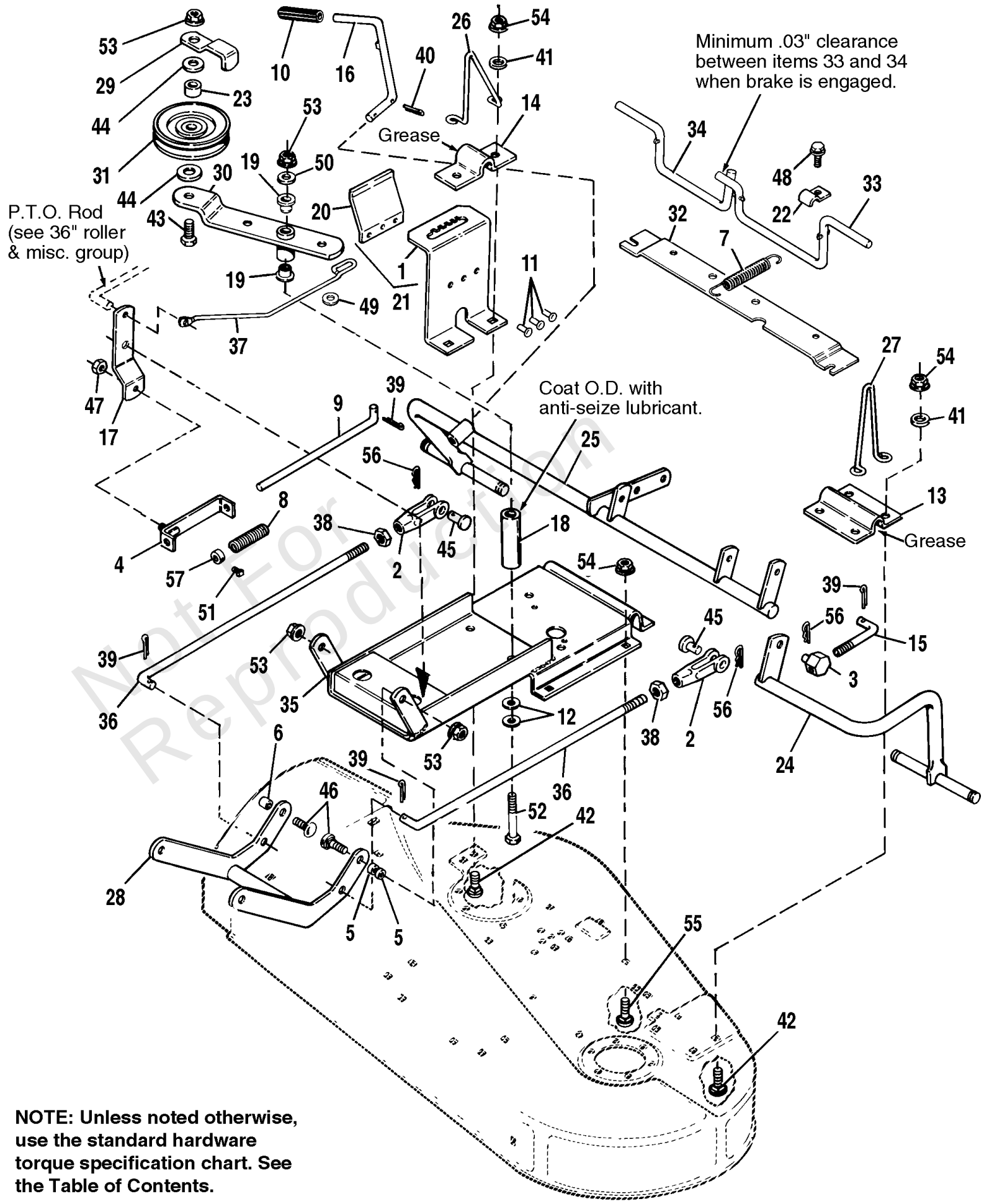

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36" Mower Deck - Clutch & Roller Support

REF NO	PART NO	QTY	DESCRIPTION
48	1924856SM	4	SCREW, Hex Hd., Taptite, 5/16-18 x 1/2
49	1924940SM	1	WASHER, 13/32
50	1924940SM	1	WASHER, Plain, 13/32
51	1928804SM	1	SETSCREW, 1/4-20 x 3/8
52	1928957SM	1	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
53	1930645SM	4	NUT, Hex Flange, 3/8-16
54	1931277SM	14	NUT, Hex, Flange, Whizlock, 5/16-18
55	1931333SM	8	CARRIAGE BOLT, 5/16-18 x 3/4
56	1960074SM	3	CLIP, HAIR PIN .093DI
57	1729276SM	1	COLLAR, Set

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36" Mower Deck - Deck, Arbor & Blades

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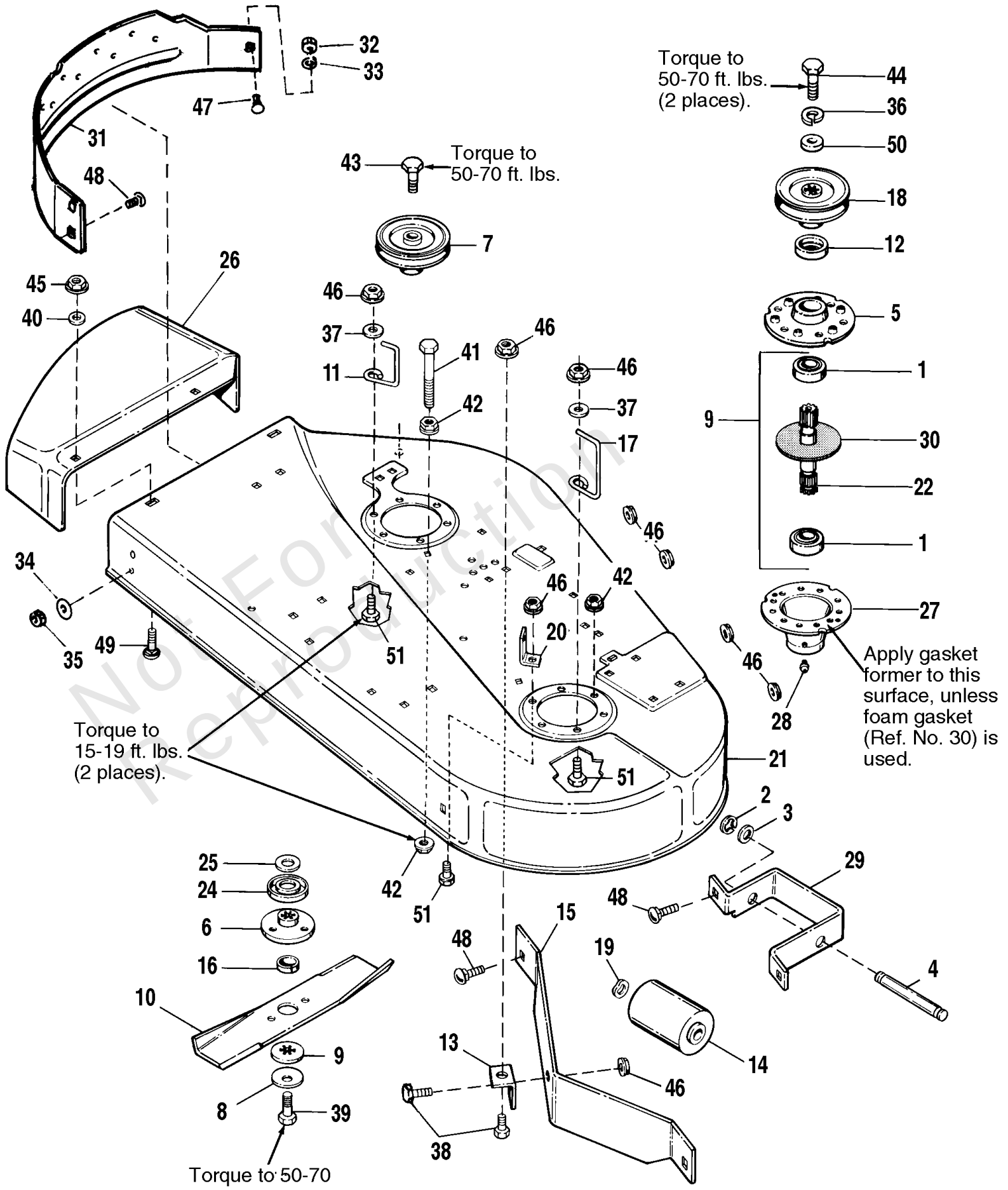

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36" Mower Deck - Deck, Arbor & Blades

REF NO	PART NO	QTY	DESCRIPTION
1	2108202SM	4	BEARING, BALL
2	2827793SM	1	E-RING
3	2860171SM	1	WASHER, Nylon
4	1603205SM	1	SHAFT, Roller, Center
5	1655729ASM	2	HOUSING-ARBOR TOP - B
6	1655777SM	2	ADAPTOR, Blade
7	1655839SM	1	PULLEY ASSY.
8	1656916SM	2	WASHER, SPRING 0.475I
9	1656927SM	2	WASHER, Spline
10	1657589ASM	2	BLADE, 36"
11	1657660SM	1	STOP, Belt
12	1657969SM	2	SHIELD, Bearing Upper, Arbor
13	1668500A	1	BRACKET, Mower
14	1668513SM	1	ROLLER, .652 ID, 2.50 OD, 4.10 LG
15	1671577SM	1	BAFFLE
16	1672132SM	2	COLLAR, Arbor
17	1673106SM	1	STOP, Belt
18	1673109ASM	1	PULLEY ASSY.
19	1678100SM	1	WASHER, Wave
20	1678339	1	BRACKET, Lift
21	1685102SM	1	HOUSING, 36", Orange -(Incl. safety decals)
21	1685102SM	1	HOUSING, 36", Black, -(Incl. safety decals)
22	1685245SM	2	SHAFT, Arbor -(Incl. Ref. No. 16)
?23	1685251SM	2	SHAFT & BEARING ASSY. -(Incl. Ref. Nos. 1 (Qty. 2), 16, 22 & 30)
24	1700229SM	2	SHIELD, Grass
25	1700230SM	2	WASHER, Shim
26	1702190A	1	DEFLECTOR, Orange
26	1702190A	1	DEFLECTOR, Black
27	1703273ASM	2	ARBOR HOUSING ASSY., Bottom -(Incl. Ref. No. 28)
28	1704314SM	2	LUBE FITTING, .250 DR
29	1705953SM	1	BRACKET, Center, Roller
30	1707335SM	2	GASKET, Foam
31	1707992SM	1	BAFFLE, Mulching -Optional
32	1916622SM	1	NUT, Hex, 1/4-20 -Optional
33	1916964SM	1	LOCKWASHER, 1/4 -Optional
34	1917356SM	2	LOCKWASHER, 5/16 -Optional
35	1917372SM	2	NUT, Hex, 5/16-18 -Optional
36	1918199SM	2	LOCKWASHER, 7/16
37	1919326SM	2	WASHER, 5/16
38	1921332SM	2	CAPSCREW, Hex Hd., 5/16-18 x 3/4
39	2823471SM	2	CAPSCREW, Hex Hd., 7/16-14 x 1 -Torque to 50-70 ft.lbs. (2 places)
40	1924940SM	2	WASHER, 13/32
41	1925690SM	1	CAPSCREW, Hex Hd., 5/16-18 x 3-1/2

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36" Mower Deck - Deck, Arbor & Blades

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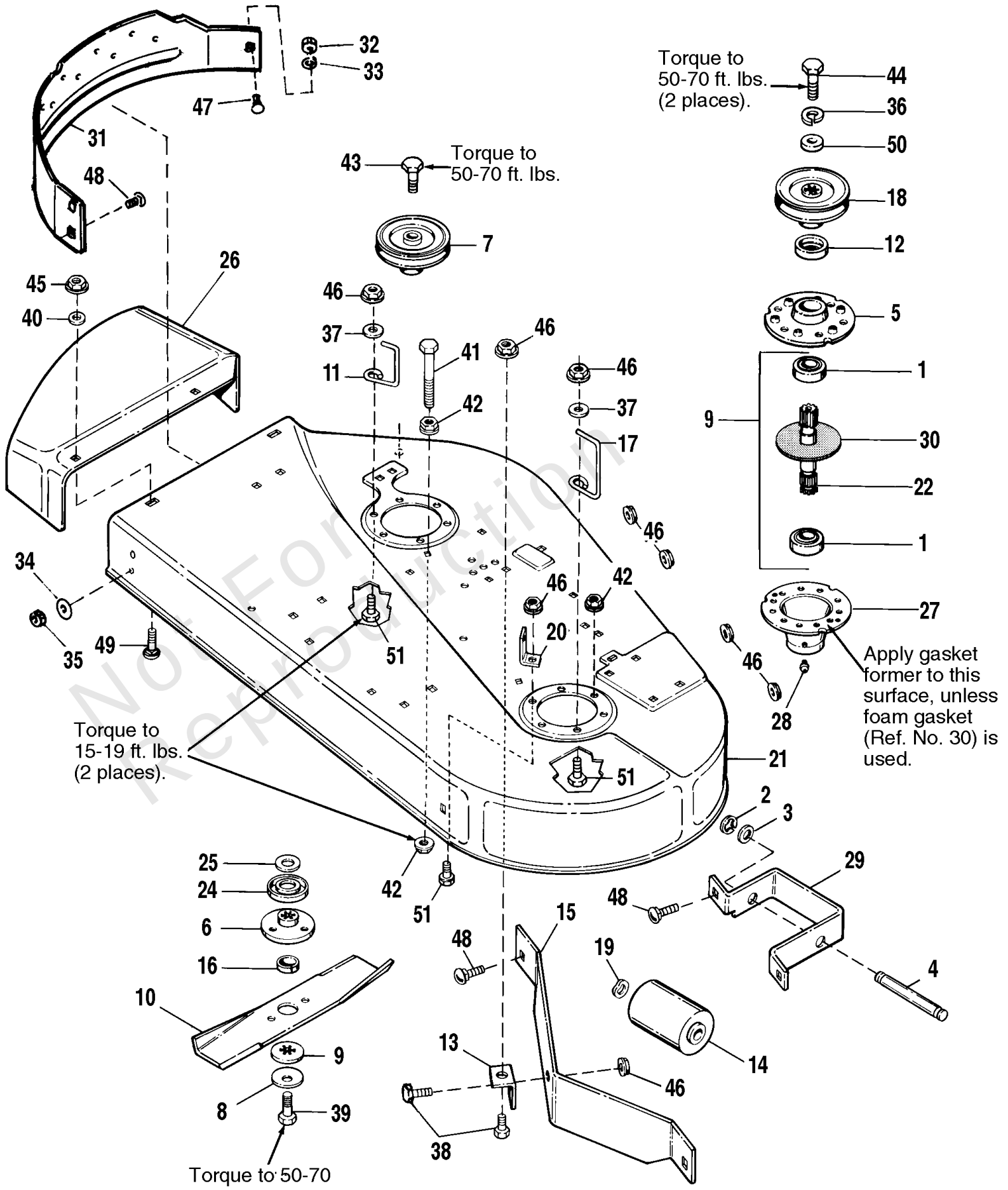

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36" Mower Deck - Deck, Arbor & Blades

REF NO	PART NO	QTY	DESCRIPTION
42	1927557SM	4	NUT, Hex , Flange, Whizlock, 5/16-18 -Torque to 15-19 ft.lbs. (2 places)
43	1930584SM	1	CAPSCREW, Hex Hd., 7/16-14 x 2-3/4 -Torque to 50-70 ft.lbs.
44	1930585SM	2	CAPSCREW, Hex Hd., 7/16-14 x 3-1/2 -Torque to 50-70 ft.lbs.
45	1931211SM	2	NUT, Hex, Flange, Whizlock, 3/8-16
46	1931277SM	9	NUT, Hex, Flange, Whizlock, 5/16-18
47	1931317SM	1	CARRIAGE BOLT, 1/4-20 x 3/4
48	1931333SM	6	CARRIAGE BOLT, 5/16-18 x 3/4 -Optional
49	1931348SM	2	BOLT, Carriage 3/8-16 x 3/4
50	1933263SM	2	WASHER, 29/64 x 1-1/4 x 1/4
51	1960373SM	12	SCREW, Hex, Wash. Hd., Taptite, 5/16-18 x 1 -Torque to 15-19 ft.lbs. (2 places)
	1686609SM	1	LEAF SHREDDER KIT (Optional. Not Shown. Used with optional mulching baffle, Ref. No. 31) -Incl. Qty. 8-1707684, leaf shredders, Qty. 8-1919438, lock nuts.

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36" Mower Deck - Roller & Misc. Group

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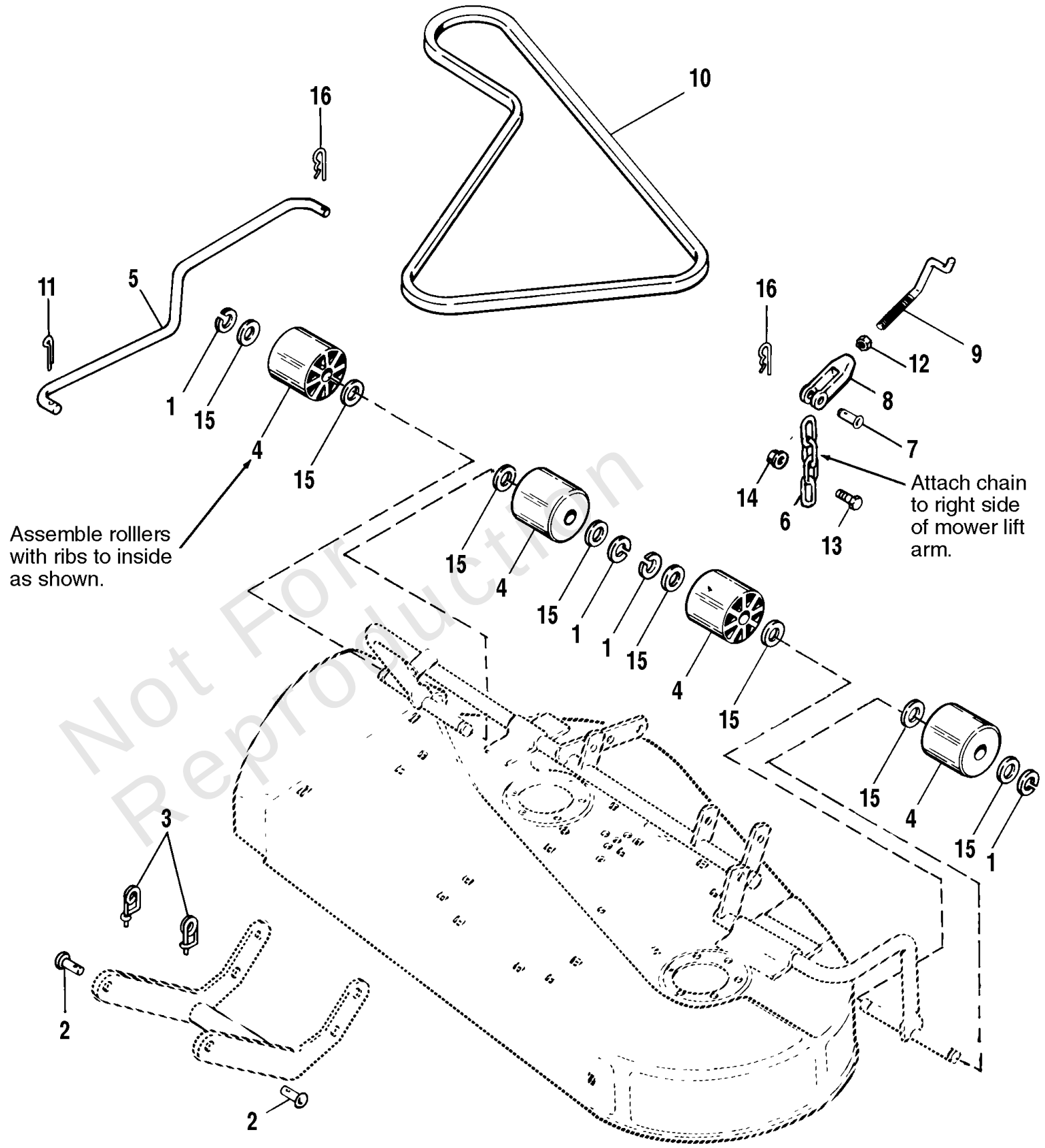

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36" Mower Deck - Roller & Misc. Group

REF NO	PART NO	QTY	DESCRIPTION
1	2153124SM	4	RING, Retaining
2	2156306SM	2	PIN-RND HD DRILLED .3
3	2176012SM	2	CLIP, Safety
4	1668487SM	4	ROLLER
5	1668744SM	1	ROD, P.T.O.
6	1669241SM	1	CHAIN, Lift 4 Links
7	1655651SM	1	PIN, Rivet
8	1673575SM	1	CLEVIS, Pin
9	1685243SM	1	ROD, Lift
10	1713549SM	1	V-BELT, Mower Drive
11	1918448SM	1	PIN, Cotter, 3/32 x 1
12	1920161SM	1	NUT-HEX JAM 5/16-18
13	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
14	1935048SM	1	LOCKNUT, Hex, Flange, 5/16-18
15	1960020SM	8	WASHER, Plain, 21/32
16	1960074SM	2	CLIP, HAIR PIN .093DI

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Brake & Clutch - Gear Models

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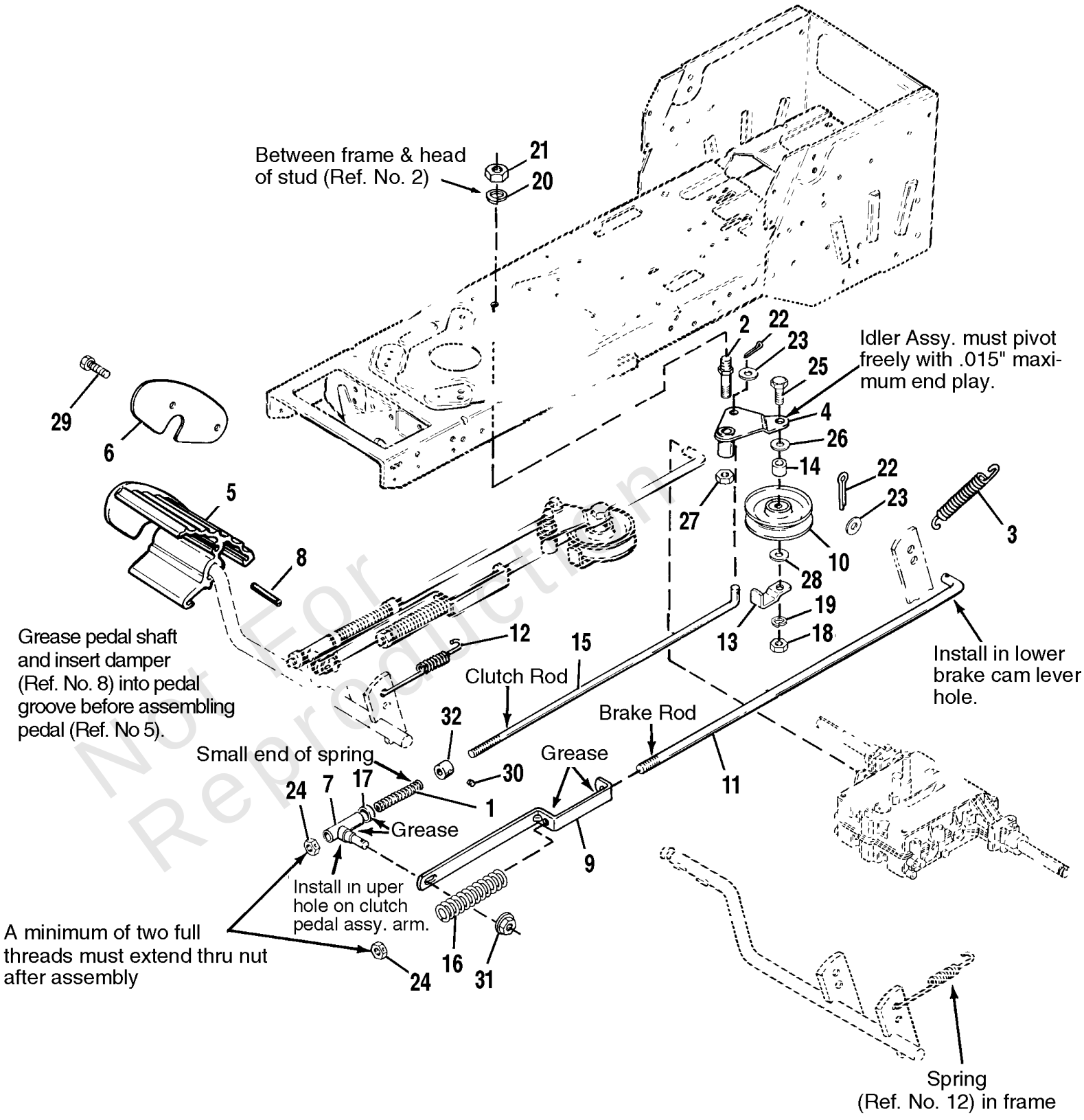

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Brake & Clutch - Gear Models

REF NO	PART NO	QTY	DESCRIPTION
1	2157041SM	1	SPRING, Compression
2	2157273SM	1	STUD
3	2159106SM	1	SPRING, Tension
4	1653076	1	IDLER ASSY.
5	1656852SM	1	PEDAL, Foot
6	1656854	1	PLATE, End
7	1657222	1	GUIDE ASSY., Rod
8	1659907SM	1	DAMPER, Rubber
9	1663138ASM	1	GUIDE, Rod
10	1666294SM	1	SPACER
11	1666656SM	1	ROD, Brake
12	1666759SM	1	SPRING, Return
13	1677135ASM	1	GUARD, Spring
14	1685150SM	1	PULLEY ASSY. -(Incl. Ref. No. 10)
15	1702156SM	1	ROD, Clutch
16	1708226SM	1	SPRING
17	1708228	1	SPACER
18	1916950SM	1	NUT, Hex, 3/8-16
19	1916965SM	1	LOCKWASHER, 3/8
20	1918199SM	1	LOCKWASHER, 7/16
21	1918213SM	1	NUT, Hex, 7/16-14
22	1918447SM	2	PIN, Cotter
23	1919326SM	2	WASHER, 5/16
24	1919438SM	2	LOCKNUT, 5/16-18
25	1921969SM	1	CAPSCREW, 3/8-16 x 1-1/2
26	1922755SM	1	WASHER, Plain
27	1924058SM	1	LOCKNUT, Hex, 7/16-14
28	1924940SM	1	WASHER, Plain, 5/16
29	1927429SM	2	SCREW, Taptite, 1/4-20 x 5/8
30	1928804SM	1	SETSCREW, 1/4-20 x 3/8
31	1935048SM	1	LOCKNUT, Hex, Flange, 5/16-18
32	1729276SM	1	COLLAR, Set

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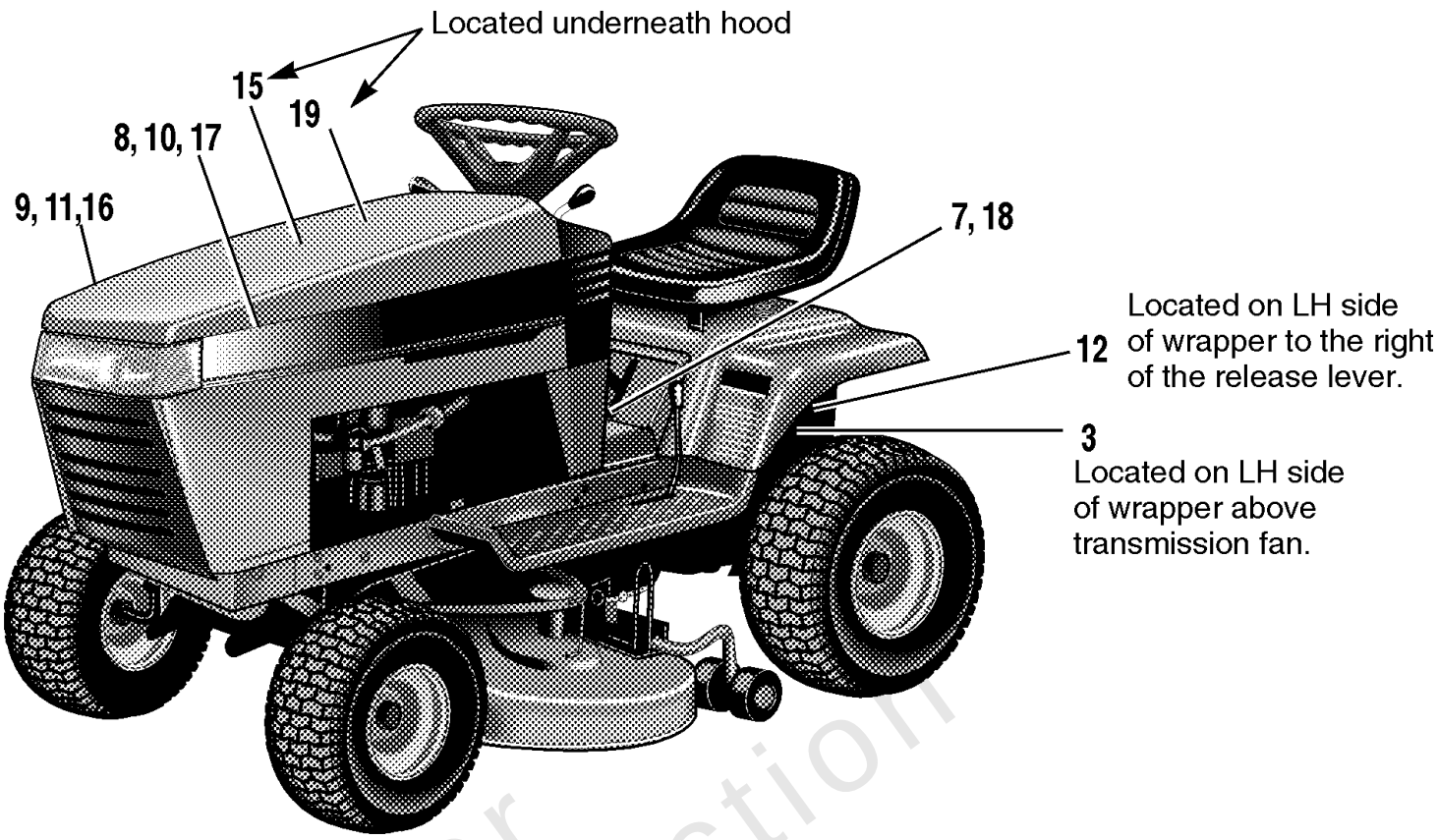

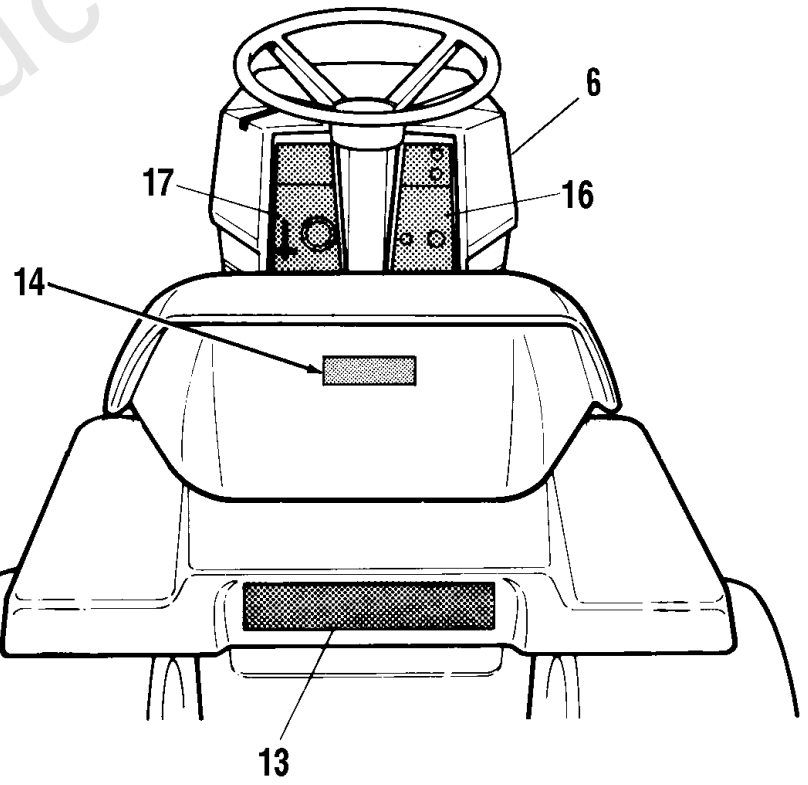

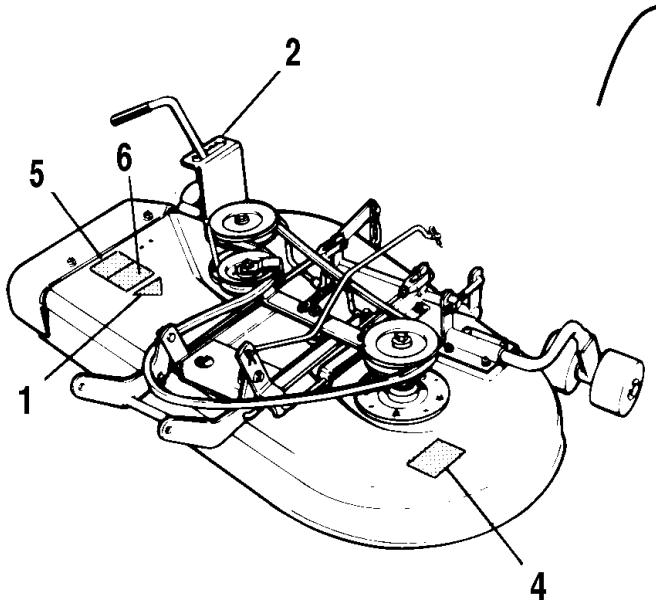

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Decals - AGCO Allis Models

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	DECAL, OPEI
2	1656855	1	DECAL, Mower Height
3	1717602SM	1	DECAL, Warning, Fan, -(Hydro models)
4	1717602SM	1	DECAL, Danger, Rotating Blade
5	1704277SM	1	DECAL, Danger, Deflector in Place
6	1704910SM	2	DECAL, Cutting Width, 36"
7	1708277	1	DECAL, Shift Pattern -(Gear models)
8	1708820	1	DECAL, Hood, 512H AGCO ALLIS, LH
9	1708821	1	DECAL, Hood, 512H AGCO ALLIS, RH
10	1708823	1	DECAL, Hood, 512G AGCO ALLIS, LH
11	1708824	1	DECAL, Hood, 512G AGCO ALLIS, RH
12	1708918SM	1	DECAL, Release Valve -(Hydro models)
13	1708926SM	2	DECAL, AGCO Allis
14	1708927	1	DECAL, USA
15	1709061	1	DECAL, Touch-up Paint
16	1709371	1	DECAL, Dash, RH
17	1709387	1	DECAL, Dash, LH
18	1709861	1	DECAL, Shift Pattern -(Hydro models)
19	1713550	1	DECAL, Drive Belt

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Footnotes:

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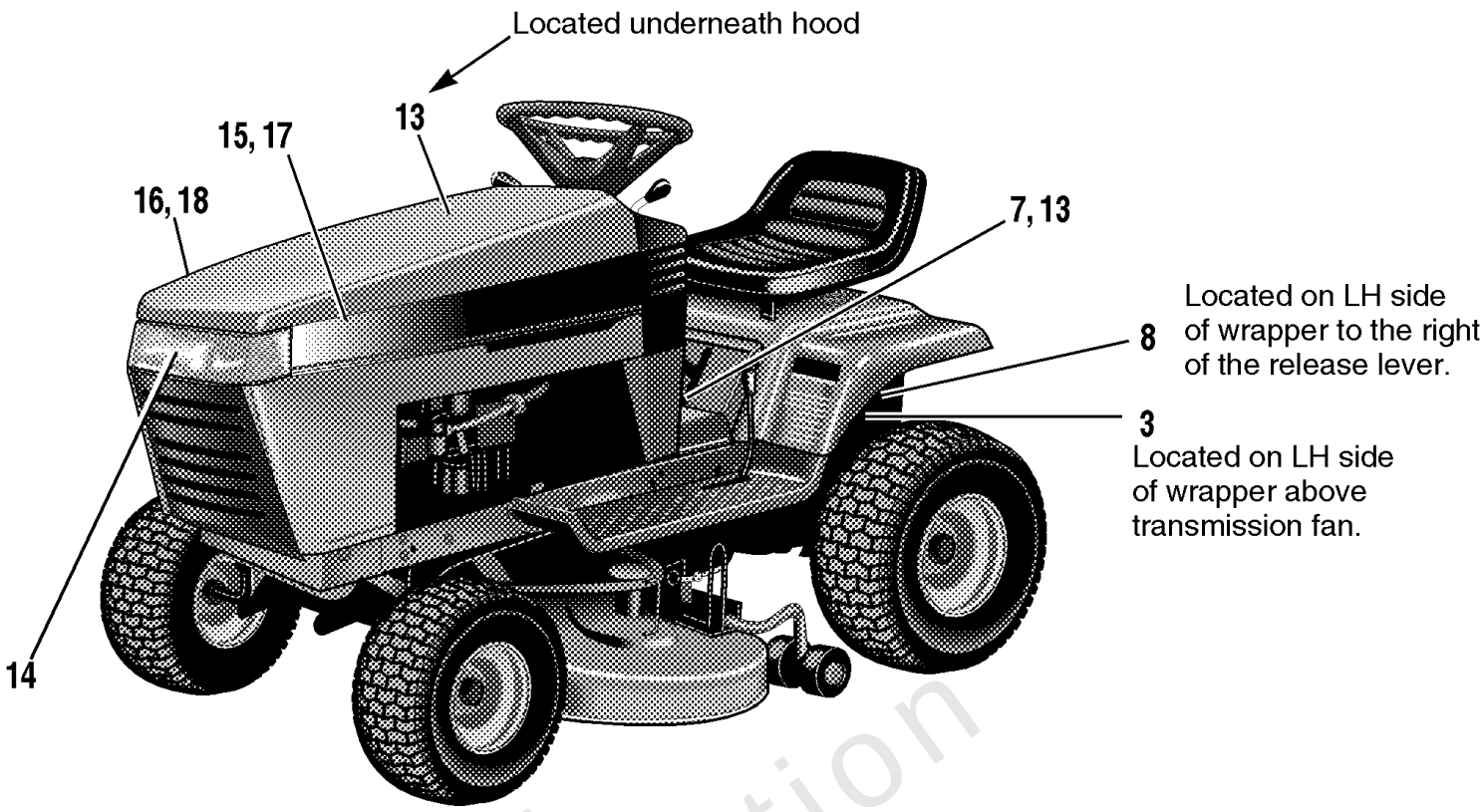

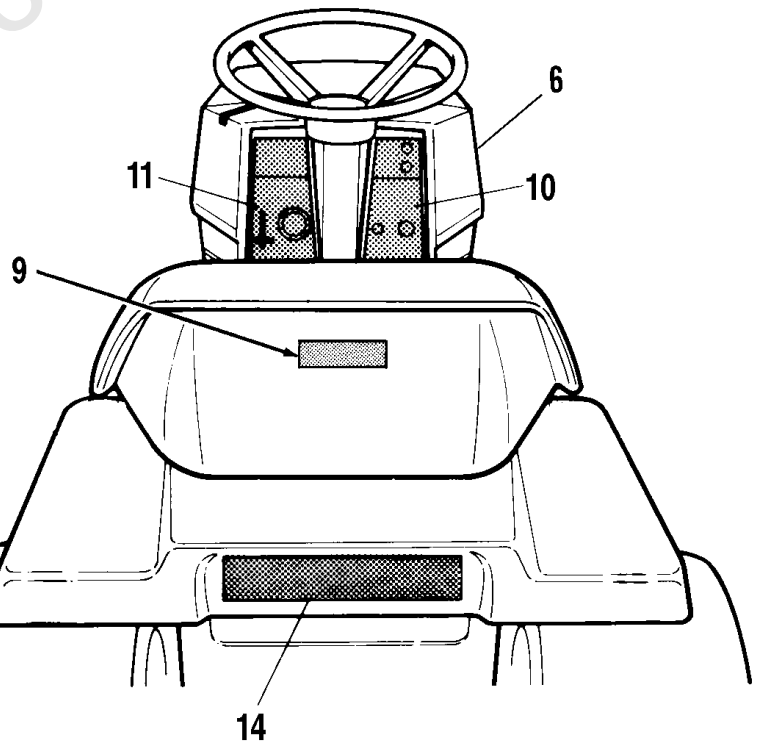

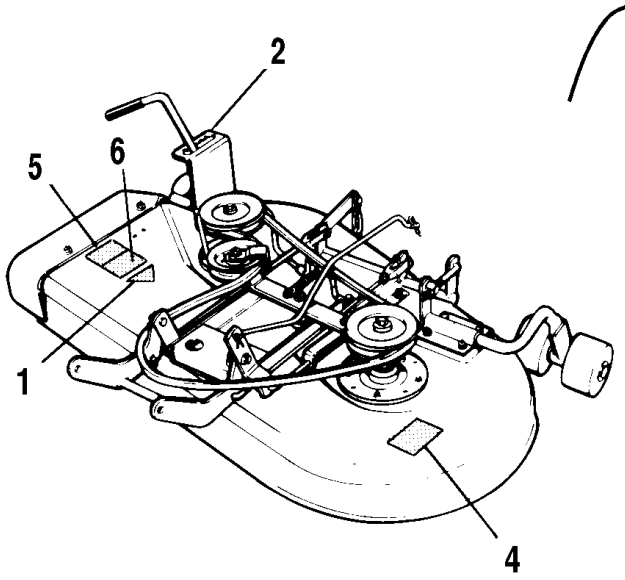

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Decals - Massey Ferguson Models

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	DECAL, OPEI
2	1656855	1	DECAL, Mower Height
3	1717602SM	1	DECAL, Warning, Fan, -(Hydro models)
4	1704276SM	1	DECAL-DANGER DO NOT P
5	1704277SM	1	DECAL, Danger, Deflector in Place
6	1704910SM	2	DECAL, Cutting Width, 36"
7	1708277	1	DECAL, Shift Pattern -(Gear models)
8	1708918SM	1	DECAL, Release Valve, -(Hydro models)
9	1708927	1	DECAL, USA
10	1709371	1	DECAL, Dash, RH
11	1709387	1	DECAL, Dash, LH
?12	1709861	1	DECAL, Shift Pattern -(Hydro models)
13	1713550	1	DECAL, Drive Belt
14	1714363SM	2	DECAL, Massey Ferguson
15	1714368	1	DECAL, Hood, 2512G Massey Ferguson, LH
16	1714369	1	DECAL, Hood, 2512G Massey Ferguson, RH
17	1714370	1	DECAL, Hood, 2512H Massey Ferguson, LH
18	1714371	1	DECAL, Hood, 2512H Massey Ferguson, RH

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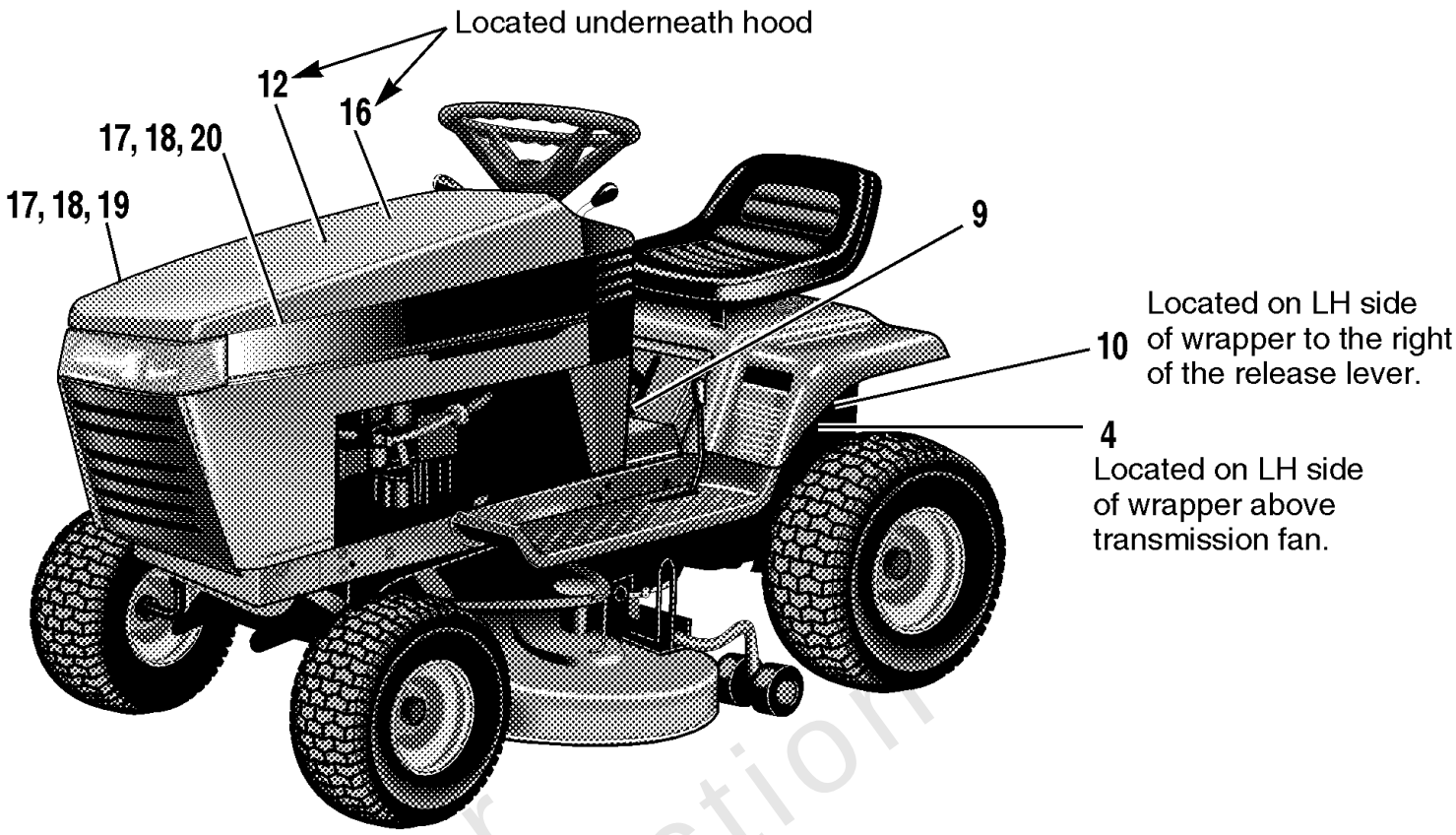

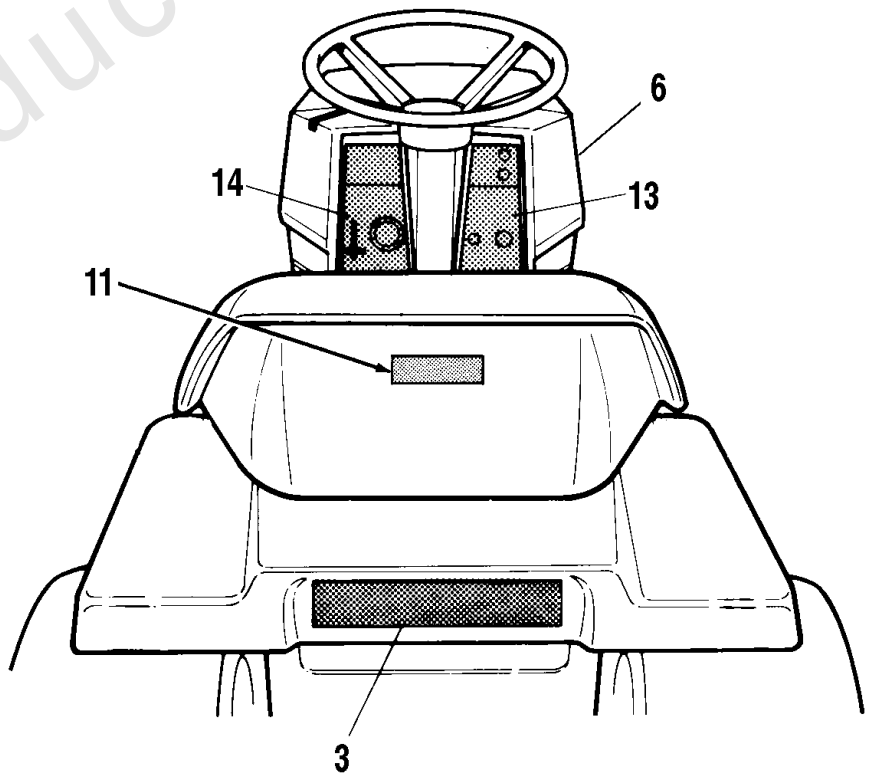

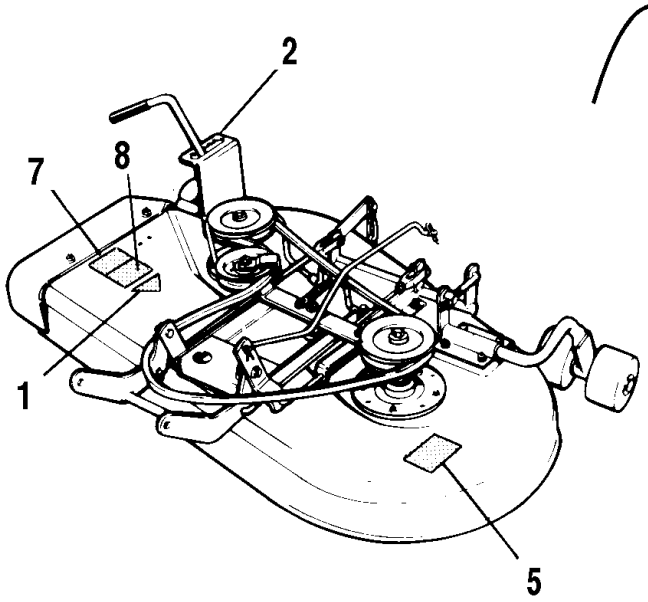

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Decals - Simplicity Models

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	DECAL, OPEI
2	1656855	1	DECAL, Mower Height
3	1722551SM	1	DECAL, Simplicity
4	1717602SM	1	DECAL, Warning, Fan -(Hydro models)
5	1704276SM	1	DECAL-DANGER DO NOT P
6	1702944	1	DECAL, Decibel -(Export)
7	1704277SM	1	DECAL, Danger, Deflector in Place
8	1704910SM	2	DECAL, Cutting Width, 36"
9	1708277	1	DECAL, Shift Pattern -(Gear models)
10	1708918SM	1	DECAL, Release Valve, -(Hydro models)
11	1708927	1	DECAL, USA
12	1709061	1	DECAL, Touch-up Paint
13	1709371	1	DECAL, Dash, RH Side
14	1709387	1	DECAL, Dash, LH Side
?15	1709861	1	DECAL, Shift Pattern -(Hydro models)
16	1713550	1	DECAL, Drive Belt
17	1713962SM	2	DECAL, Hood, 5-Speed 12
18	1713967	1	DECAL, Hood, Regent 12.5 Hydro
19	1713968	1	DECAL, Hood, Simplicity, RH
20	1713969	1	DECAL, Hood, Simplicity, LH

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Note:* Not a servicable part.

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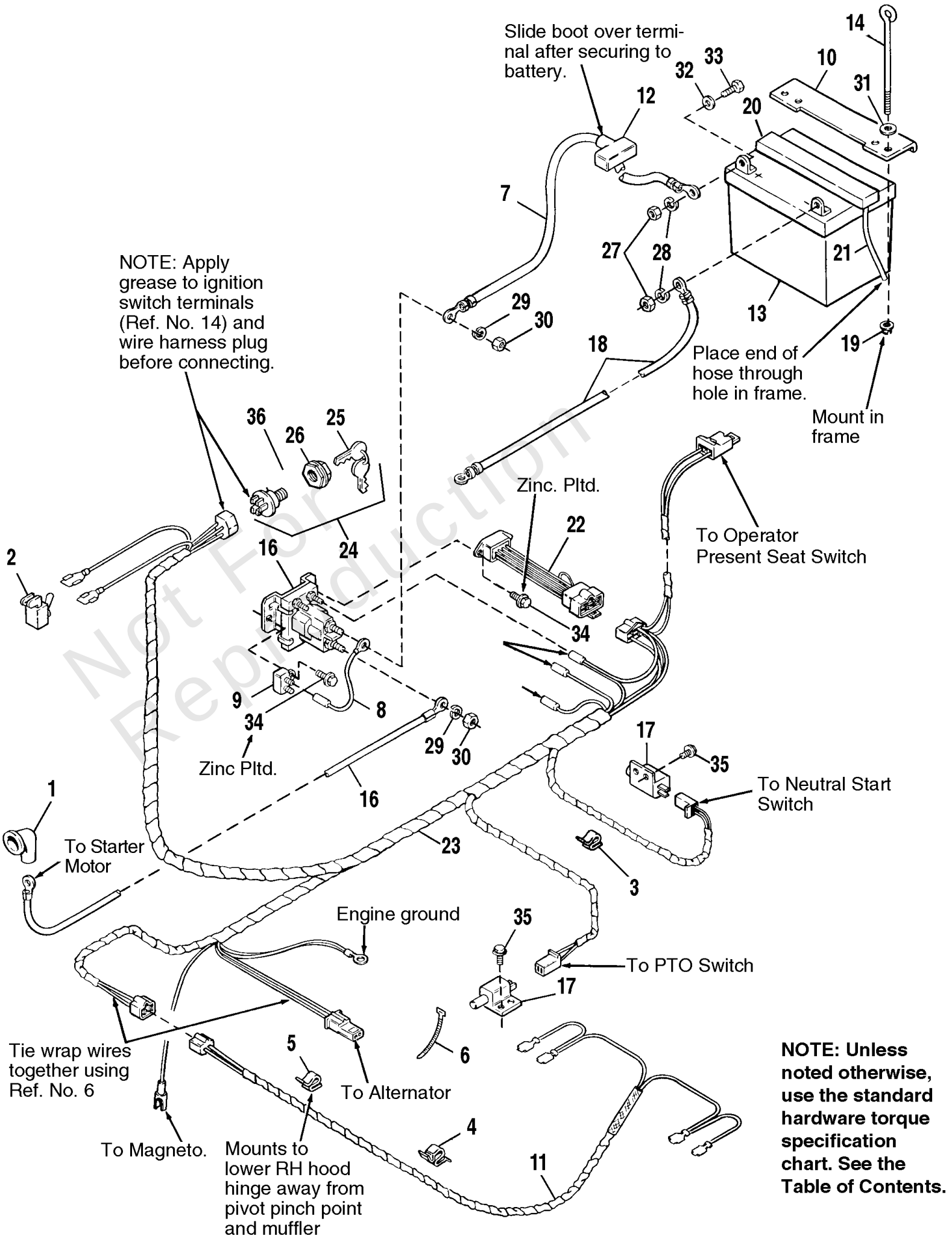

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Electrical - Gear Models

REF NO	PART NO	QTY	DESCRIPTION
1	2122023SM	1	COVER, Terminal
2	2122184SM	1	SWITCH, Headlight
3	2165073SM	1	CLIP
4	2172434SM	1	CLIP- WIRE DIA .390
5	2830222	1	CLIP, Wire
6	2832747SM	1	TIE, Self-Locking
7	1603618SM	1	CABLE, Ground
8	1665237SM	1	WIRE ASSY.
9	1665238SM	1	BREAKER-CIRCUIT
10	1718596	1	HOLD DOWN, Battery
11	1674358SM	1	WIRE ASSY., Headlights
12	1677296SM	1	BOOT,INSULATOR BATTER
13	1685215SM	1	BATTERY,12V
14	1700472SM	2	ROD, Battery Hold Down
?15	1686981SM	1	SOLENOID
16	1701522SM	1	CABLE
17	1701580SM	2	SWITCH, PTO and Neutral
18	1703484SM	1	CABLE, Ground
19	1704349SM	2	NUT, Retainer, 1/4-20
20	1704581	1	VENT CAP, Battery
21	1704583SM	1	HOSE, Drain
22	1707755SM	1	MODULE, DSI Interlock, Seat Switch
23	1707757SM	1	HARNESS, Wiring
24	1686734SM	1	IGNITION SWITCH -(Incl. Ref. Nos. 26, 27 & 36)
25	1714054SM	1	KEY-IGNITIOM W/PLASTI
26	1714055SM	1	ADAPTER, Nut
27	1916622SM	2	NUT, Hex, 1/4-20
28	1916964SM	2	LOCKWASHER, 1/4
29	1917356SM	2	LOCKWASHER, 5/16
30	2820263SM	2	NUT, Hex, 5/16-24
31	1921319SM	2	WASHER, 9/32
32	1921319SM	2	WASHER, 1/4 I.D.
33	1923341SM	2	CAPSCREW, Hex Hd., 1/4-20 x 3/4
34	1927429SM	2	SCREW, Taptite, 1/4-20 x 5/8, Zinc Pltd.
35	1929477SM	4	SCREW, Taptite, #10-24 x 1/2
36	1960547SM	1	LOCKWASHER-INTERNAL

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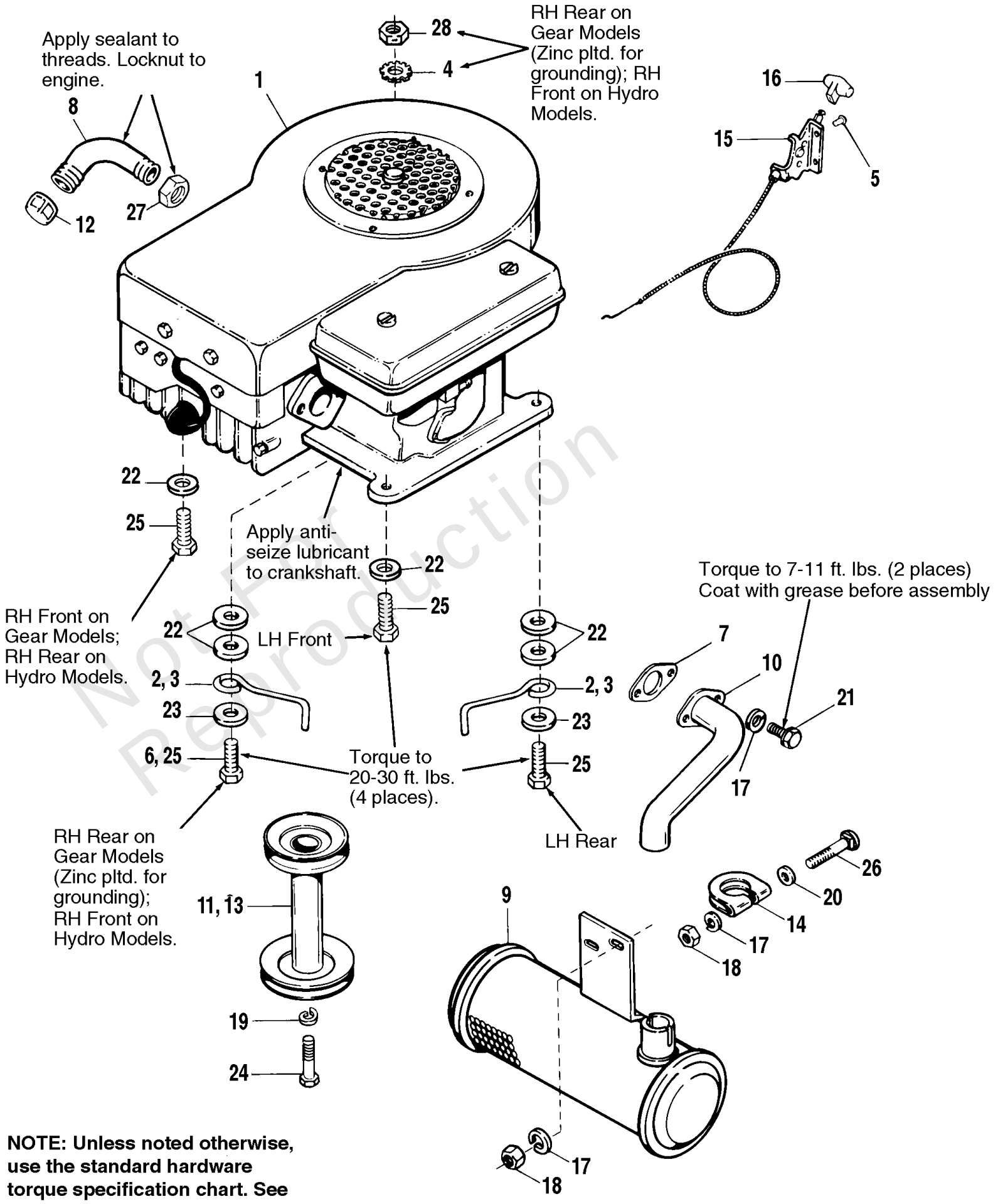
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692492



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Engine Group

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	ENGINE, 12.5 HP
2	2158499SM	2	STOP, Belt -(Hydro models)
3	2172844SM	2	STOP, Belt -(Gear models)
4	2820427SM	1	LOCKWASHER, Ext., 3/8, Zinc Pltd.
5	2860241	2	RIVET, Pop, 1/4
6	2860361SM	1	SCREW, Taptite, 3/8-16 x 2, Zinc Pltd. -(Gear models)
7	1650670SM	1	GASKET, Muffler
8	1658032SM	1	PIPE, Oil Drain
9	1655848SM	1	MUFFLER
10	1655860SM	1	PIPE, Exhaust
11	1657118SM	1	PULLEY ASSY., Engine -(Hydro models)
12	1667346SM	1	CAP, Pipe
13	1674163SM	1	PULLEY ASSY., Engine -(Gear models)
14	1676183SM	1	CLAMP
15	1687058SM	1	CONTROL ASSY., Throttle
16	1713846SM	1	KNOB, Throttle
17	1917356SM	5	LOCKWASHER, 5/16
18	1917372SM	3	NUT, Hex, 5/16-18
19	1918199SM	1	LOCKWASHER, 7/16
20	1919326SM	1	WASHER, 5/16
21	1921332SM	2	SCREW, Whizlock, 5/16-18 x 3/4 -Torque to 7-11 ft.lbs. (2 places). Coat with grease before assembly
22	1924356SM	6	WASHER, Plain, 3/8
23	1924940SM	2	WASHER, 13/32
24	1928038SM	1	CAPSCREW, Hex, 7/16-20 x 1-1/4
25	1930598SM	3	SCREW, Taptite, 3/8-16 x 1-1/2 -Torque to 20-30 ft.lbs (4 places)
26	1931342SM	1	BOLT, Carriage, 5/16-18 x 2-3/4 Gr. 5
27	1932849SM	1	LOCKNUT
28	1960251SM	1	NUT, Hex Jam Lock, 3/8-16

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Footnotes:

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Frame

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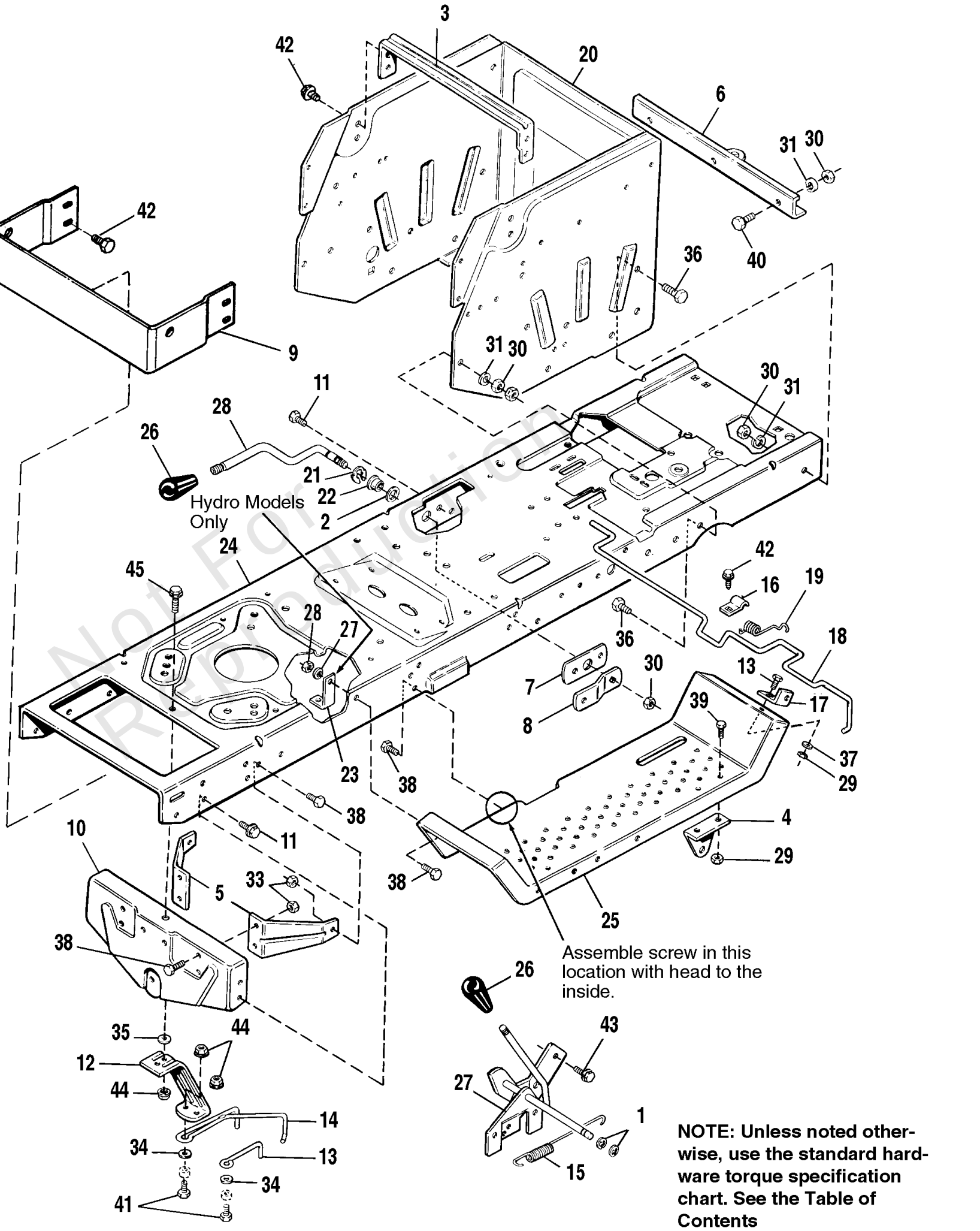

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Frame

REF NO	PART NO	QTY	DESCRIPTION
1	2158399SM	2	RING, Retaining
2	2860171SM	1	WASHER
3	1654707	1	BRACE, Seat
4	1654783	1	SUPPORT, Clutch
5	1655076	2	BRACE, Axle Support
6	1655591SM	1	BAR, Draw
7	1656754SM	1	BAR, Support
8	1656755SM	1	ARM, Support
9	1656791	1	SUPPORT, Hood -(Gear models only)
10	1664034	1	SUPPORT, Axle
11	1664847SM	2	SCREW, Taptite, 5/16-18 x 3/4 -(Qty. 6 used on hydro models)
12	1665803SM	1	SUPPORT
13	1665812SM	1	STOP, Belt
14	1672118SM	1	STOP, Belt
15	1673911SM	1	SPRING, Extension
16	1678388	2	CLIP
17	1700670	1	BRACKET, Seat Latch
18	1701268	1	ROD, Latch -(Hydro Models)
19	1701314	1	SPRING, Torsion
20	1702627	1	SUPPORT, Axle Wrapper
21	1703805SM	1	KLIPRING, 1/2
22	1704505SM	1	BUSHING
23	1705873	1	BRACKET, Spring -(Hydro models only)
24	1708723	1	FRAME
25	1709280	2	FOOTREST
26	1713843SM	2	KNOB, Handle
27	1713853ASM	1	HANDLE ASSY., PTO Clutch
28	1713856SM	1	HANDLE, Lift
29	1916622SM	3	NUT, Hex, 1/4-20
30	1916950SM	10	NUT, Hex, 3/8-16
31	1916965SM	9	LOCKWASHER, 3/8
?32	1917356SM	8	LOCKWASHER, 5/16 -(Qty. 9 used on hydro models
33	1917372SM	14	NUT, Hex, Full, 5/16-18 -(Qty. 18 on hydro models)
34	1919326SM	2	WASHER, 5/16
35	1919381SM	1	WASHER, Plain, 11/32-1 x 10 Ga.
36	1921210SM	10	CAPSCREW, Hex, 3/8-16 x 1 -(Qty. 9 used on hydro models)
37	1921319SM	1	WASHER
38	1921332SM	14	CAPSCREW, Hex, 5/16-18 x 3/4
39	1921959SM	3	CAPSCREW, Hex, 1/4-20 x 5/8
40	1921965SM	3	CAPSCREW, Hex, 3/8-16 x 3/4
41	1923325SM	2	CAPSCREW, Hex, 5/16-18 x 7/8
42	1924856SM	6	SCREW, Taptite, 5/16-18 x 1/2 -(Qty. 8 on hydro models)
43	1925003SM	2	SCREW
44	1927557SM	3	LOCKNUT, Hex, Flange Whiz, 5/16-18
45	1930595SM	1	CAPSCREW, Hex Flange Hd., 5/16-18 x 1-1/4

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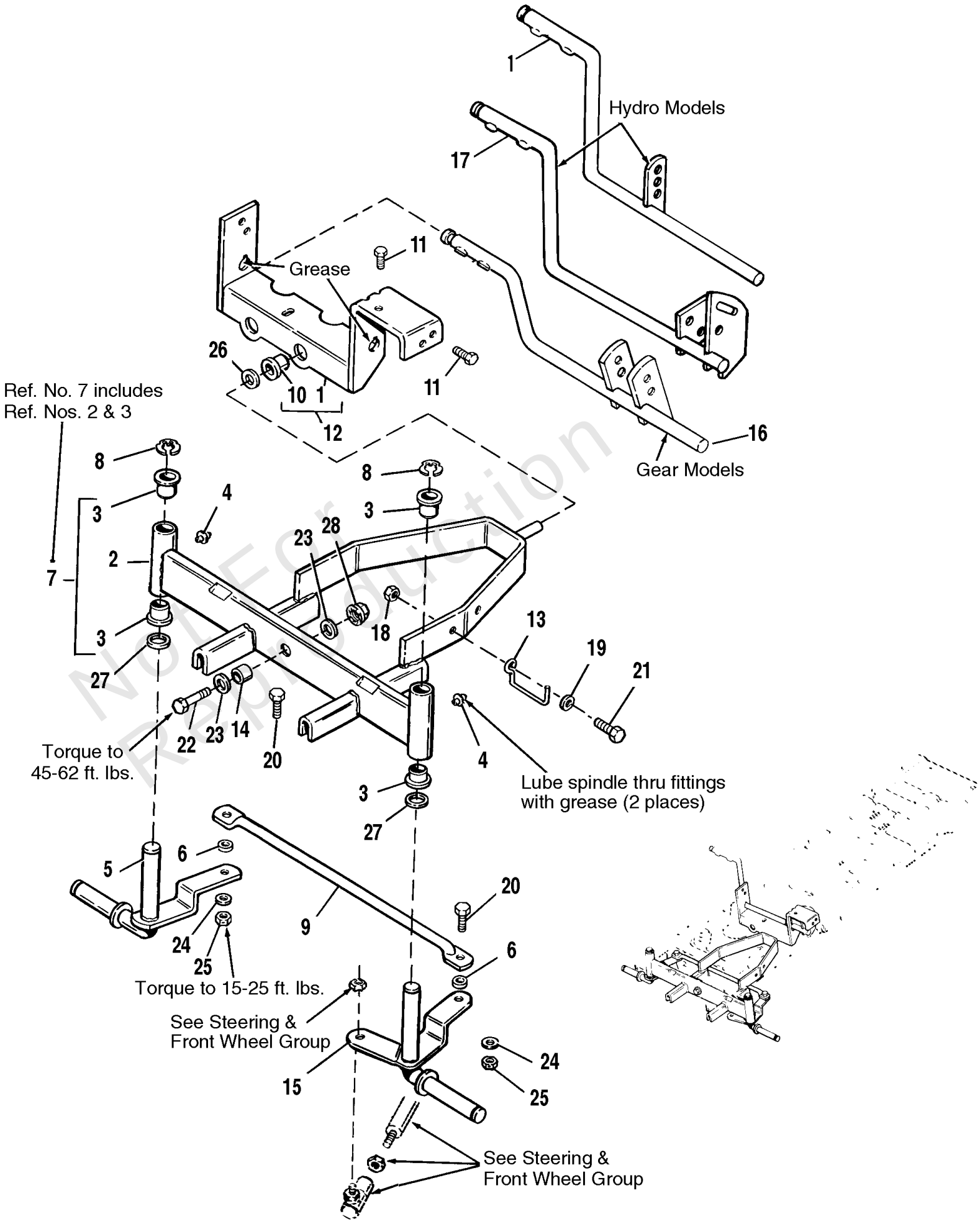

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Front Axle

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	SUPPORT ASSY., Axle, Rear (See Ref. No. 12)
2	-----	1	AXLE SUB ASSY., (See Ref. No. 7)
3	2176440SM	4	BUSHING-0.765IDX
4	2821133SM	2	FITTING, Lube, Drive Type
5	1611703ASM	1	SPINDLE ASSY., RH
6	1611705SM	2	SPACER-0.385IDX0
7	1611708	1	AXLE ASSY., Front -(Incl. Ref. Nos. 2 & 3)
8	1611710SM	2	KLIPRING, Ext., 3/4
9	1611715SM	1	TIE ROD ASSY.
10	1663114SM	1	BUSHING
11	1664847SM	5	SCREW, Taptite, 5/16-18 x 3/4
12	1665601	1	SUPPORT ASSY., Rear -(Incl. Ref. No. 10)
13	1668147SM	1	GUIDE, Drag Link
14	1671260SM	1	SPACER
15	1705918SM	1	SPINDLE ASSY., LH
16	1709305	1	LEVER ASSY., Brake -(Gear models)
17	1709785	1	LEVER ASSY., Brake -(Hydro models)
18	1917372SM	1	NUT, Hex, 5/16-18
19	1919326SM	1	WASHER, 5/16
20	1921210SM	2	CAPSCREW, 3/8-16 x 1
21	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
22	1921525SM	1	CAPSCREW, Hex, 1/2-13 x 1-3/4 -(Gr. 8). Torque to 45-62 ft.lbs.
23	1924361SM	2	WASHER
24	1924940SM	2	WASHER, 3/8
25	1930645SM	2	LOCKNUT, Hex, 3/8-16 -Torque to 15-25 ft.lbs.
26	1960020SM	1	WASHER, Plain, 21/32
27	1960114SM	2	WASHER
28	1960362SM	1	LOCKNUT, Hex, Flange Lock, 1/2-13

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Footnotes:

Note:* Not serviced seperately, order complete axle assembly.
Note:* Not serviced seperately, order complete support assembly.

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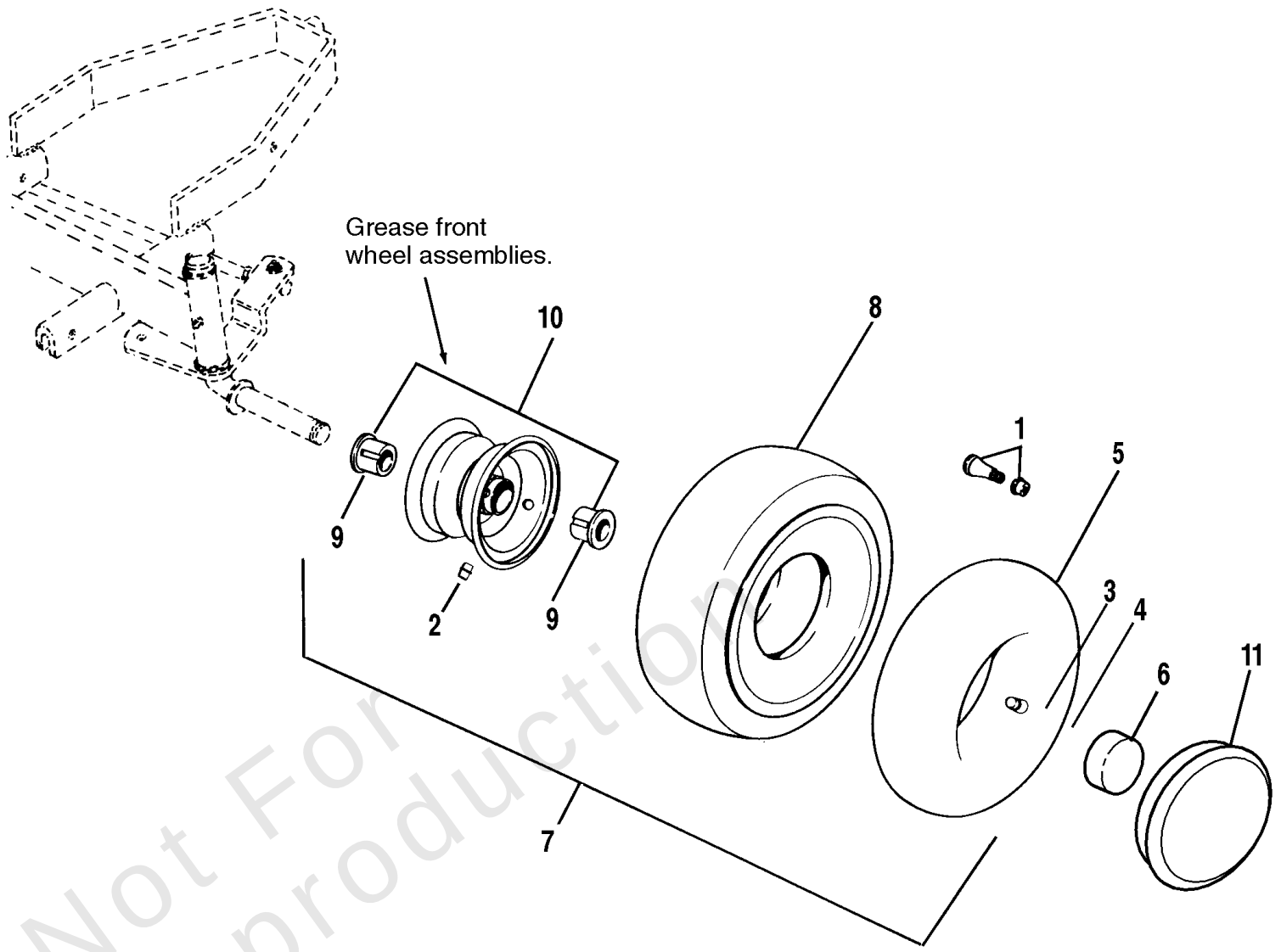

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NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Front Wheels & Tires

REF NO	PART NO	QTY	DESCRIPTION
1	2172353SM	2	VALVE STEM & CAP
2	2812808SM	2	FITTING, Grease
3	2860202SM	2	WASHER, 3/4
4	1611710SM	2	KLIP RING, 3/4
5	1664090SM	2	TUBE, Front Wheel, 4.10/3.50-6
6	1673333SM	2	HUB CAP -(AGCO & Massey Ferguson models only)
7	1709856SM	2	FRONT WHEEL & TIRE ASSY., Metallic Gray, 15 x 6.00-6 -(Incl. Ref.Nos. 1, 8 & 10)
8	1713166SM	2	TIRE, Front Wheel, 15 x 6.00-6
9	1713167SM	4	BEARING
10	1726301SM	2	FRONT WHEEL ASSY., Metallic Gray -(Incl. Ref. Nos. 2 & 9)
11	1714925SM	2	HUB CAP, 6" -(Simplicity models only)

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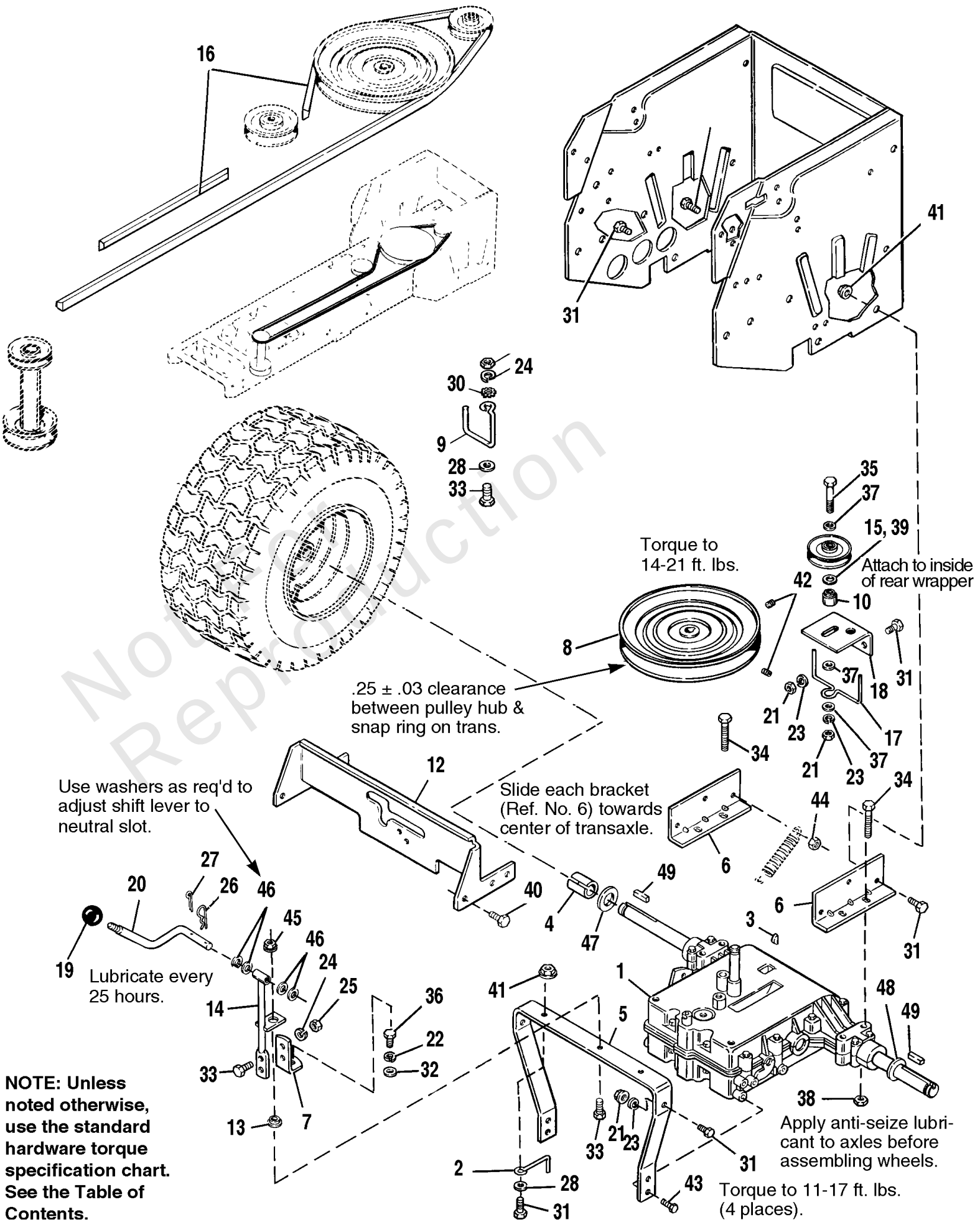

NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Gear Transaxle

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	TRANSAXLE, 5 Speed, Peerless Model 930-039
2	2158499SM	2	BELT STOP
3	2805123SM	1	KEY, Woodruff, #9
4	1663180SM	1	SPACER
5	1666631	1	SUPPORT, Transmission, Front
6	1666632	2	SUPPORT, Transmission, Rear
7	1666638SM	1	LINK, Shift, Lower
8	1666693SM	1	PULLEY ASSY., Transmission -Torque to 14-21 ft.lbs.
9	1666709SM	1	STOP, Belt
10	1676375	1	SPACER
12	1701555	1	QUADRANT, Shift
13	1705590SM	1	SPACER -Special
14	1708022	1	SHIFT LINK ASSY., Upper
15	2174561SM	1	PULLEY, Idler, "V"
16	1708114SM	1	V-BELT
17	1708221SM	1	BELT STOP
18	1709864	1	BRACKET, Pulley
19	1713843SM	1	KNOB, Ball, Shift
20	1713850SM	1	ROD, Shift
21	1916950SM	5	NUT, Hex, 3/8-16
22	1916964SM	1	LOCKWASHER, 1/4
23	1916965SM	3	LOCKWASHER, 3/8
24	1917356SM	3	LOCKWASHER, 5/16
25	1917372SM	3	NUT, Hex, 5/16-18
26	1918196SM	1	PIN, Quick
27	1918447SM	1	PIN, Cotter
28	1919326SM	3	WASHER, 5/16
?29	1920415SM	1	CAPSCREW, Hex, 3/8-16 x 1-1/4
30	1920427SM	1	LOCKWASHER, Ext.
31	1921210SM	9	CAPSCREW, Hex 3/8-16 x 1
32	1921319SM	1	WASHER, Plain
33	703570	4	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
34	1921719SM	4	CAPSCREW, Hex, 5/16-18 x 2-1/2
35	1921973SM	1	CAPSCREW, 3/8-16 x 2-3/4
36	1922234SM	1	CAPSCREW, Hex, 1/4-28 x 5/8
37	1922755SM	3	WASHER
38	1923362SM	4	LOCKNUT, 5/16-18
39	1924940SM	1	WASHER, 13/32
40	1925003SM	6	SCREW, Taptite, 1/4-20 x 3/8
41	1928352SM	6	LOCKNUT, Hex, Flange, 3/8-16
42	1930540SM	2	SETSCREW, 5/16-18 x 5/8
43	1930601SM	2	SCREW, Taptite, 5/16-18 x 5/8
44	1930645SM	1	LOCKNUT, Hex, 3/8-16
45	1935048SM	1	NUT, Hex, Flange Hd., 5/16-18
46	1960027SM	4	WASHER, Rev. Pinion
47	1960160SM	A/R	WASHER -As Required

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Footnotes:

Note:* See your local Tecumseh/Peerless distributor for service parts. See "Gear Transaxle Service Parts - Peerless Model 930-039 " illustration and parts list.

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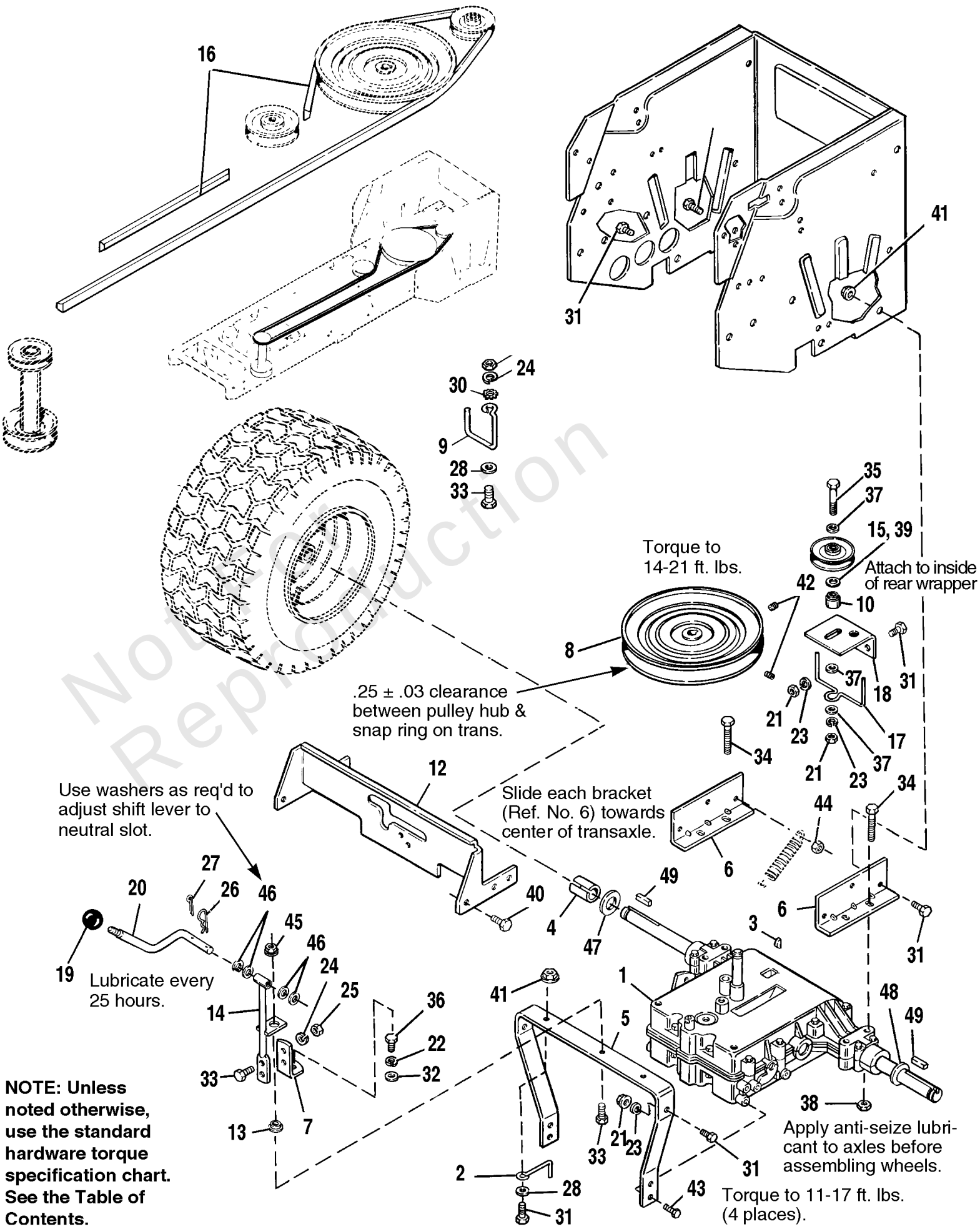

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Gear Transaxle

REF NO	PART NO	QTY	DESCRIPTION
48	2860202SM	1	WASHER, 1/4
49	1729279SM	2	KEY, 3/16 x 3/16 x 1-1/2

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Footnotes:

Note:* See your local Tecumseh/Peerless distributor for service parts. See "Gear Transaxle Service Parts - Peerless Model 930-039 " illustration and parts list.

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Gear Transaxle Service Parts - Peerless Model 930-039

Note: Unless noted otherwise, use the standard torque specifications

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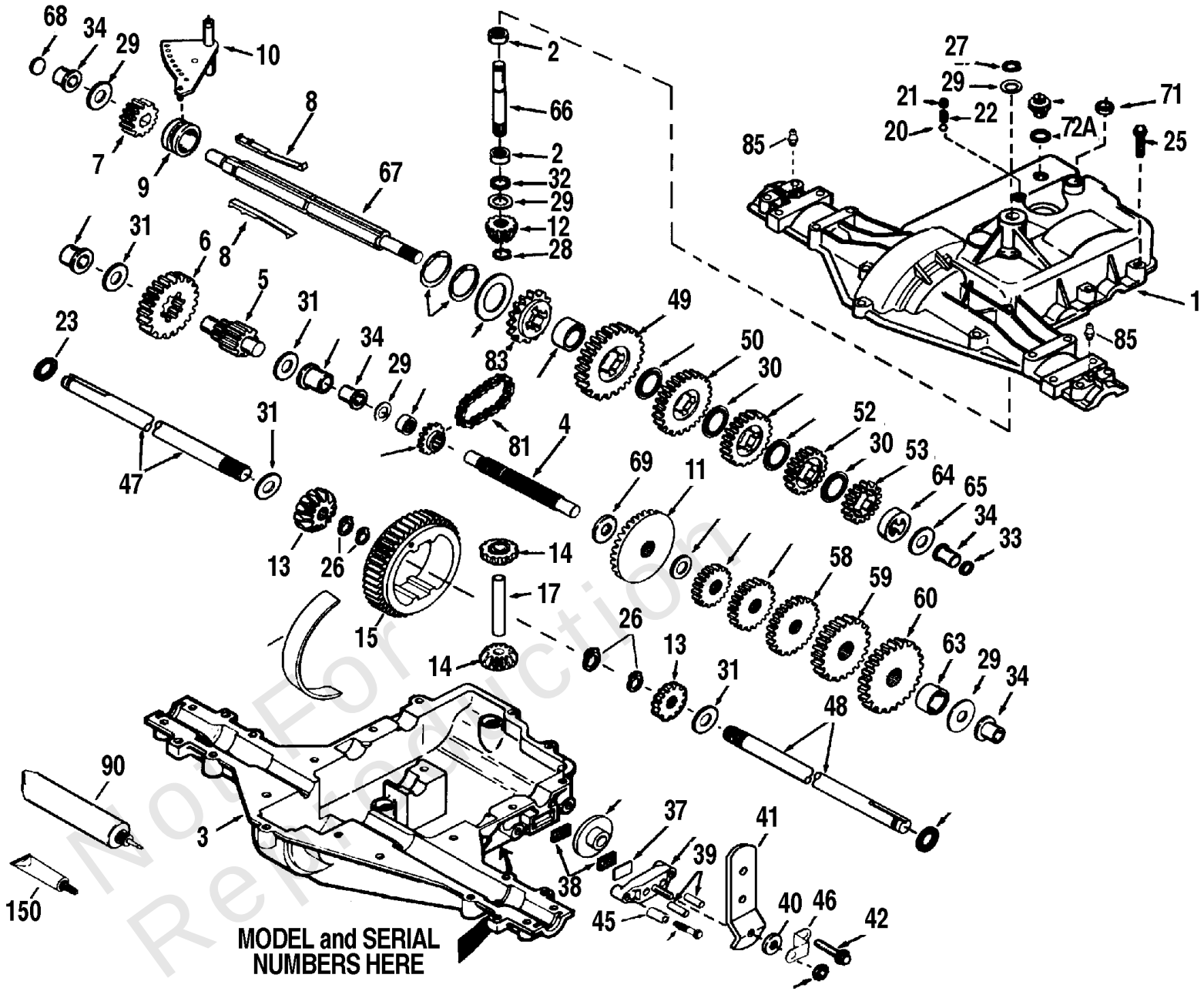

NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Gear Transaxle Service Parts - Peerless Model 930-039

REF NO	PART NO	QTY	DESCRIPTION
1	PER - 772107B	1	Transaxle Cover -(Incl. 85)
2	PER - 780086	2	BEARING, Needle
3	PER - 770102A	1	CASE, Transaxle
4	PER - 776260	1	SHAFT, Counter
5	PER - 776219A	1	Output Shaft & Pinion
6	PER - 778139	1	Output Gear (35 teeth)
7	PER - 778136	1	GEAR, Spur (15 teeth)
8	PER - 792136A	4	Shift Key
9	PER - 784352	1	COLLAR, Shifter
10	PER - 784354	1	ROD & FORK ASSY., Shift
11	PER - 778229	1	GEAR, Bevel (42 teeth)
12	PER - 778113A	1	PINION, Bevel, Input
13	PER - 778221	2	GEAR, Bevel, 16 Tooth
14	PER - 778068	2	BEVEL PINION (16 teeth)
15	PER - 778260	1	* RING GEAR (43 Teeth)
16	PER - 786150	1	* STRIP, Bearing
17	PER - 786139	1	* PIN, Drive
18	PER - 786102	1	SPACER
20	PER - 792077	1	BALL, Steel (5/16" dia.)
21	PER - 792078	1	SCREW, Set, 3/8-16 x 3/8
22	PER - 792079	1	SPRING
23	PER - 788061	2	* SEAL RING
25	PER - 792073	17	Screw 1/4-20 x 1-1/4"
26	PER - 792125	4	* RING, Retaining, (Pkg. of 2)
27	PER - 792035	1	* RING, Retaining
28	PER - 788040	1	* RING, Retaining
29	PER - 780072	5	* WASHER, Thrust
30	PER - 780108	4	* WASHER, Thrust
31	PER - 780001	4	Washer (.056 wide) (USE AS NEEDED)
32	PER - 792001	1	RING, Square Cut
33	PER - 788051	1	RING, Square Cut
34	PER - 780105A	4	BUSHING, Flanged
35	PER - 780118A	2	BUSHING, Flanged
36	PER - 790003	1	DISK, Brake
37	PER - 790007	1	* PLATE, Brake Pad
38	PER - 799021	2	* PAD, Brake (Pkg. of 2)
39	PER - 786026	2	* PIN, Dowel
40	PER - 792076A	1	* WASHER, Flat
41	PER - 790019	1	LEVER, Brake
42	PER - 792073	1	Screw 1/4-20 x 1-1/4"
42A	PER - 792085A	1	* CAPSCREW, Hex Head, Flange, Threadforming, 1/4-20 x 2-1/4
43	PER - 792075	1	LOCKNUT, Hex, 5/16-24
44	PER - 790025	1	HOLDER, Brake Pad
45	PER - 786066	1	* SPACER
46	PER - 786086	1	* BRACKET, Brake Lever
47	PER - 774927	1	AXLE (11-5/32" Long)
48	PER - 774869	1	* AXLE, (16-13/16" Long)
49	PER - 778191	1	GEAR, Spur (37 teeth)
50	PER - 778124A	1	GEAR, Spur (30 teeth)
51	PER - 778123A	1	GEAR, Spur (25 teeth)

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Gear Transaxle Service Parts - Peerless Model 930-039

Note: Unless noted otherwise, use the standard torque specifications

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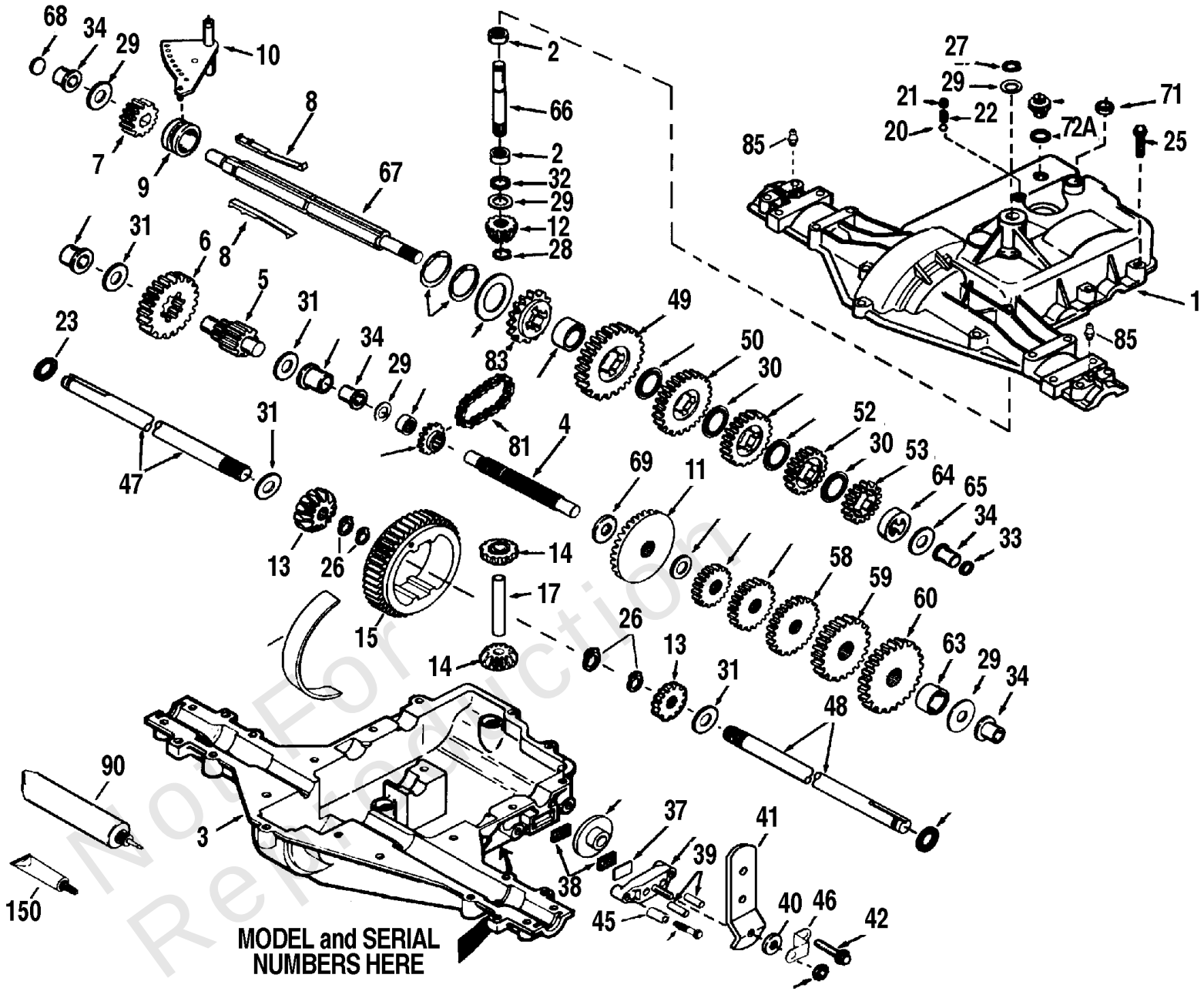

NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Gear Transaxle Service Parts - Peerless Model 930-039

REF NO	PART NO	QTY	DESCRIPTION
52	PER - 778122A	1	* GEAR, Spur (22 Teeth)
53	PER - 778209	1	GEAR, Spur (19 teeth)
56	PER - 778230	1	GEAR, Spur (12 teeth)
57	PER - 778126A	1	GEAR, Spur (20 teeth)
58	PER - 778127A	1	GEAR, Spur (25 teeth)
59	PER - 778128A	1	* GEAR, Spur (28 Teeth)
60	PER - 778163	1	GEAR, Spur (31 teeth)
63	PER - 786071	1	SPACER, (1-1/8" O.D. x 3/4" I.D. x 3/8" Thick)
64	PER - 786072	1	SPACER, (1-3/8" O.D. x 1-1/8" I.D. x 3/8" Thick)
65	PER - 780109	1	WASHER, Thrust
66	PER - 776135	1	SHAFT, Input
67	PER - 776315A	1	SHAFT, Brake (4-Keyed)
68	PER - 786116	1	DISK
69	PER - 780051	2	WASHER, Thrust
70	PER - 786118	1	SPACER
71	PER - 788069	1	* SEAL, Square Cut
72	PER - 792165	1	Threaded Plug, 9/16-18
72A	PER - 788091	1	"O" Ring
76	PER - 780090	1	WASHER, Thrust
77	PER - 788078A	2	Inverted Retaining Ring (pkg. of 2)
81	PER - 786062A	1	CHAIN, Roller (No. 41 chain, 22 links)
82	PER - 786061	1	SPROCKET, (10 Teeth)
83	PER - 786124	1	Reverse Sprocket (14 teeth)
85	PER - 792137	2	* FITTING, Lubrication
90	PER - 788067B	1	GREASE (32 oz. Bottle Bentonite grease)
150	PER - 510334	1	* GASKET ELIMINATOR (Loctite #515)

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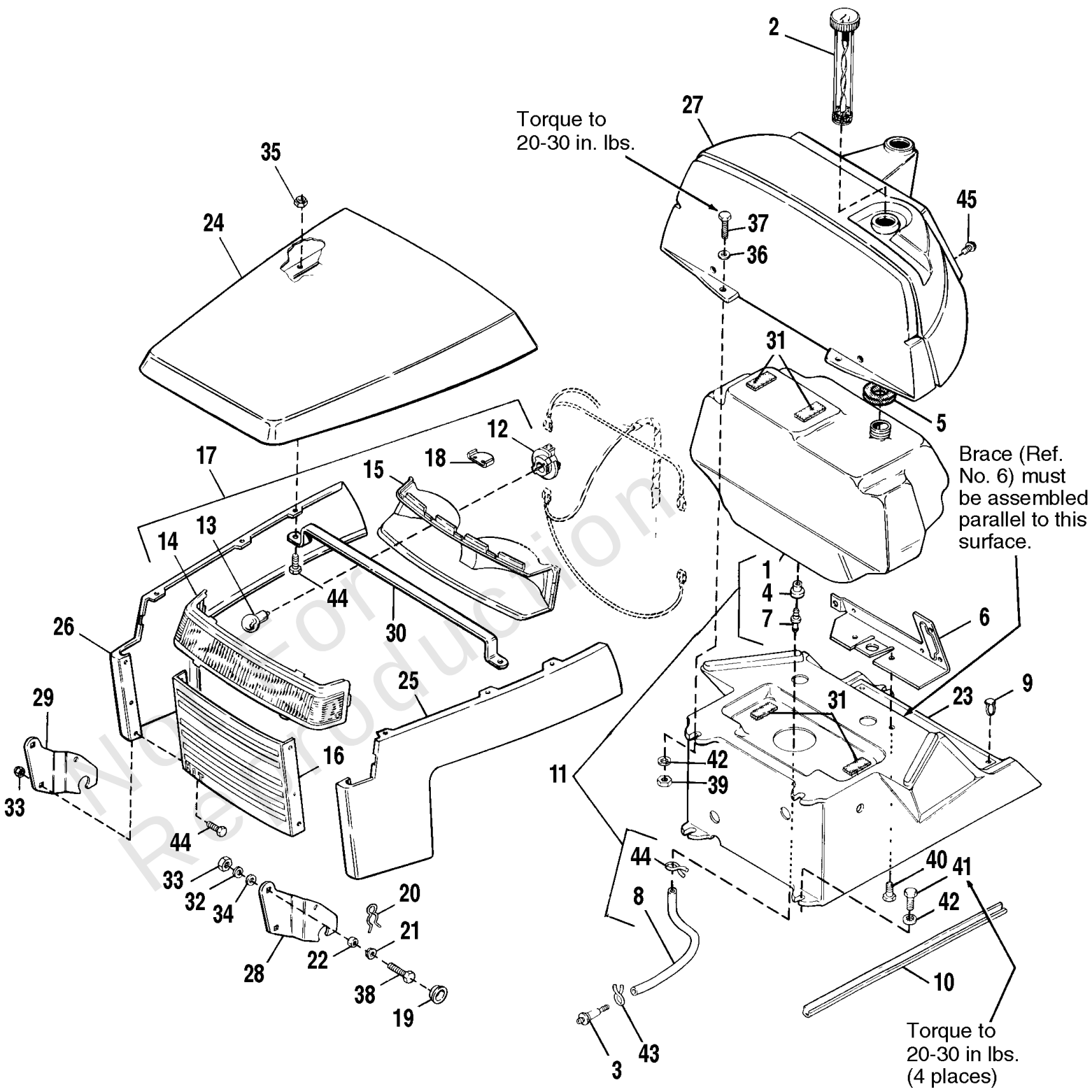
Hood, Grille, Dash & Fuel Tank

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692492



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Hood, Grille, Dash & Fuel Tank

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	TANK, Fuel (See Ref. No. 11)
2	2171252SM	1	CAP, Fuel Tank
3	2173206SM	1	FILTER, Fuel
4	1654930SM	1	BUSHING
5	1664897SM	1	WASHER, Foam
6	1665301	1	BRACE
7	1666447SM	1	FITTING
8	1718678SM	1	HOSE, Fuel -(Cut to 12" long)
9	1667248SM	4	CLIP, Canoe
10	1672123	2	EDGING, Lower Dash
11	1687038SM	1	TANK ASSY., Fuel -(Incl. Ref. Nos. 1, 4, 7, 8 & qty. 1 of 44)
12	1677370SM	2	SOCKET, Bulb, Headlight
13	1677371SM	2	BULB-HEADLIGHT 1
14	1703248SM	1	LENS, Headlight
15	1703249SM	1	BEZEL, Headlight
16	1721203SM	1	GRILLE
17	1703945SM	1	HEADLIGHT ASSY. -(Incl. Ref. Nos. 13, 14, 15, 16 & 19)
18	1703946SM	2	HEAT SHIELD, Headlight
19	1704626SM	2	SPACER, Hood
20	1704628SM	2	CLIP, Hairpin
21	1705248SM	2	PIVOT, Hood
22	1705249SM	2	SPACER
23	1707393SM	1	DASHBOARD, Bottom
24	1708750SM	1	HOOD, Orange
24	1729515SM	1	HOOD, Red
25	1708751SM	1	SIDE PANEL, LH, Orange
25	1729516SM	1	SIDE PANEL, LH, Red
26	1708752SM	1	SIDE PANEL, RH, Orange
26	1729517SM	1	SIDE PANEL, RH, Red
27	1708753SM	1	DASHBOARD, Top
28	1708754SM	1	HINGE, LH
29	1708755SM	1	HINGE, RH
30	1708756	1	BAR-TIE, Hood
31	1713337SM	5	PAD
32	1917356SM	2	LOCKWASHER, 5/16
33	1917372SM	2	NUT, Hex, 5/16-18
34	1919326SM	2	WASHER, 5/16
35	1920397SM	12	NUT, Hex, Nylon-lock, 1/4-20
36	1921319SM	8	WASHER, 1/4, std.
37	1921961SM	2	CAPSCREW, Hex, 1/4-20 x 1-1/4 -Torque to 20-30 in.lbs.
38	1921977SM	2	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
39	1923358SM	2	LOCKNUT, Hex, 1/4-20
40	1925592SM	2	SCREW, Taptite, 1/4-20 x 3/4
41	1933958SM	4	SCREW, Taptite, 1/4-20 x 1 -Torque to 20-30 in.lbs. (4 places)
42	1931704SM	6	LOCKWASHER, Dish, 1/4

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Footnotes:

Note:* Not serviced seperately, order complete tank assembly.

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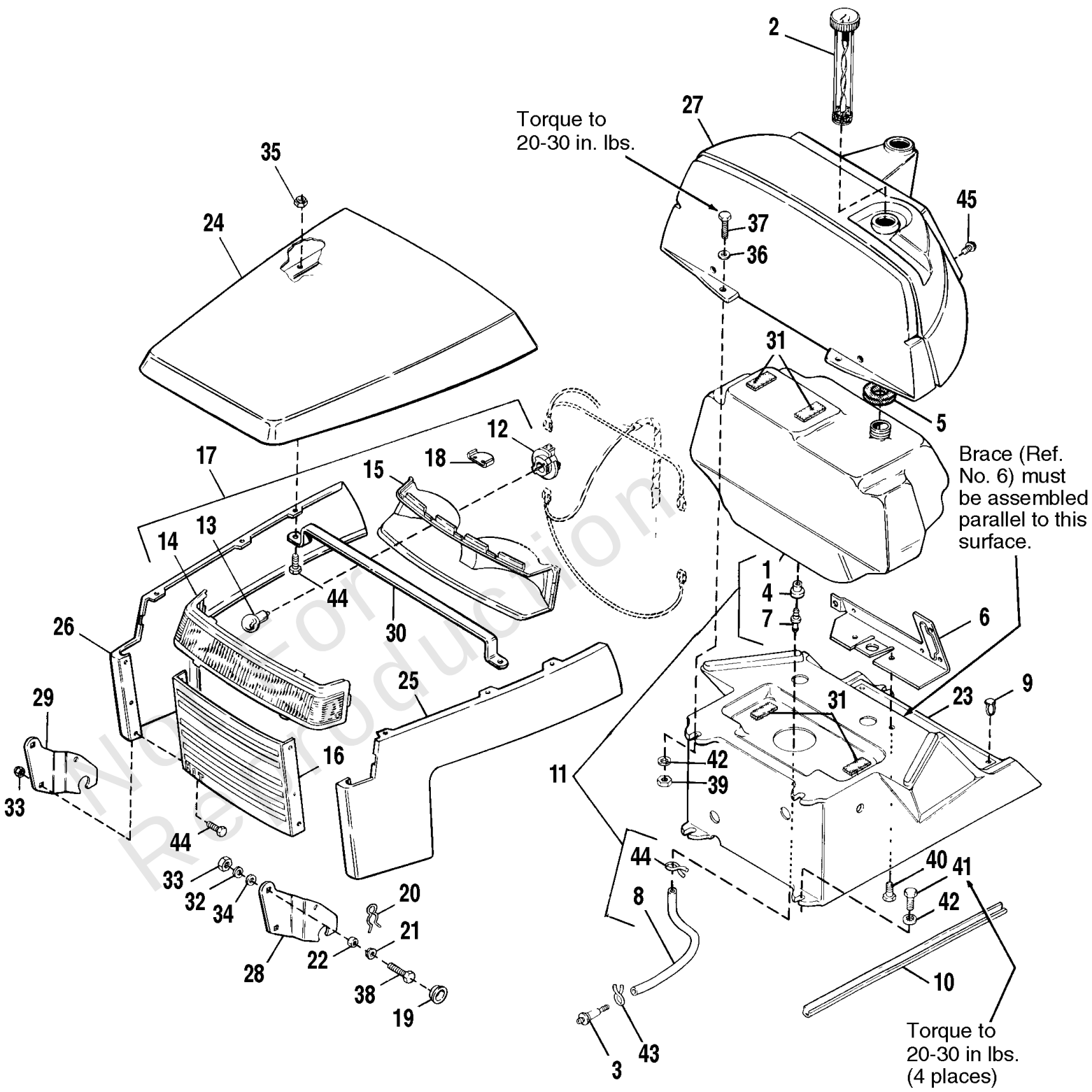
Hood, Grille, Dash & Fuel Tank

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692492



NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Hood, Grille, Dash & Fuel Tank

REF NO	PART NO	QTY	DESCRIPTION
43	2860112SM	2	CLAMP, Hose
44	1960295SM	12	SCREW, Hex, Whizlock, 1/4-20 x 5/8
45	1960498SM	2	SCREW, Hex , Washer Hd., 1/4-20 x 5/8

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Footnotes:

Note:* Not serviced seperately, order complete tank assembly.

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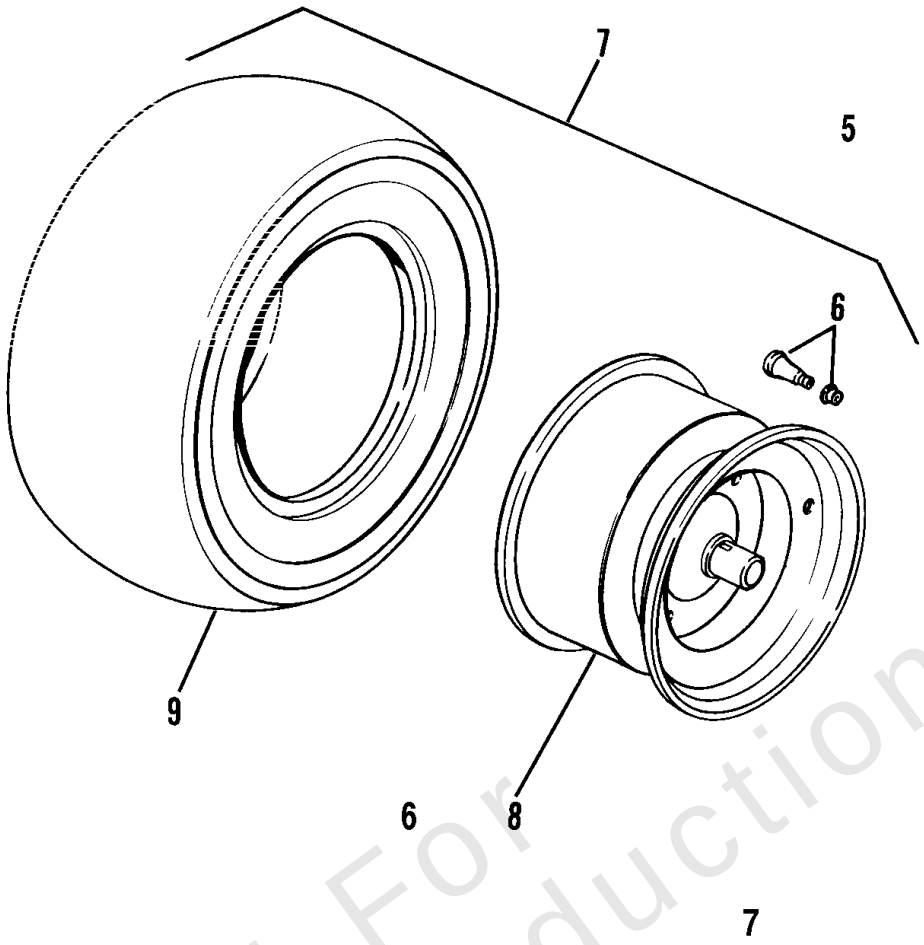

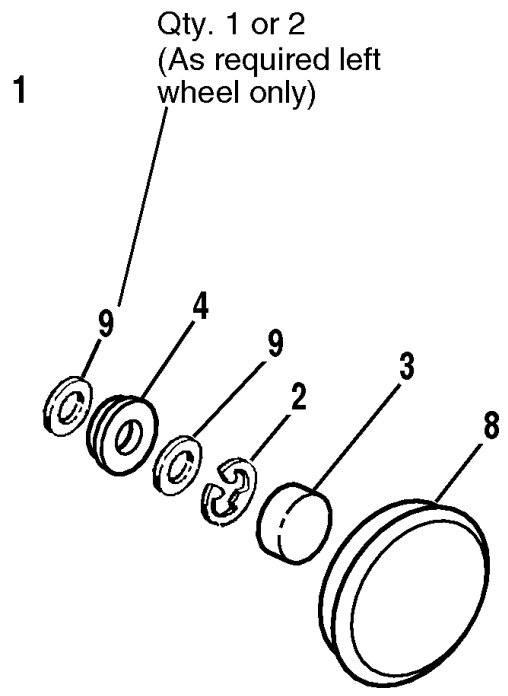

NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Rear Wheels & Tires

REF NO	PART NO	QTY	DESCRIPTION
1	2172353SM	2	VALVE STEM & CAP
2	2827794SM	2	KLIPRING, .75 Dia Shaft
3	1676519SM	2	HUB CAP -(AGCO & Massey Ferguson models)
4	1701435SM	2	RETAINER, Hub Cap -(AGCO & Massey Ferguson models)
5	1709857	2	REAR WHEEL & TIRE ASSY., Metallic Gray, 18 x 8.50-8 -(Incl. Ref. Nos. 1, 5 & 6)
6	1713170SM	2	TIRE, Rear Wheel, 18 x 8.50-8
7	1716132SM	2	REAR WHEEL ASSY., Metallic Gray, 18 x 8.50-8
8	1714926SM	2	HUB CAP, 8" -(Simplicity models)
9	1960114SM	2	WASHER, 3/4 -(Simplicity models)

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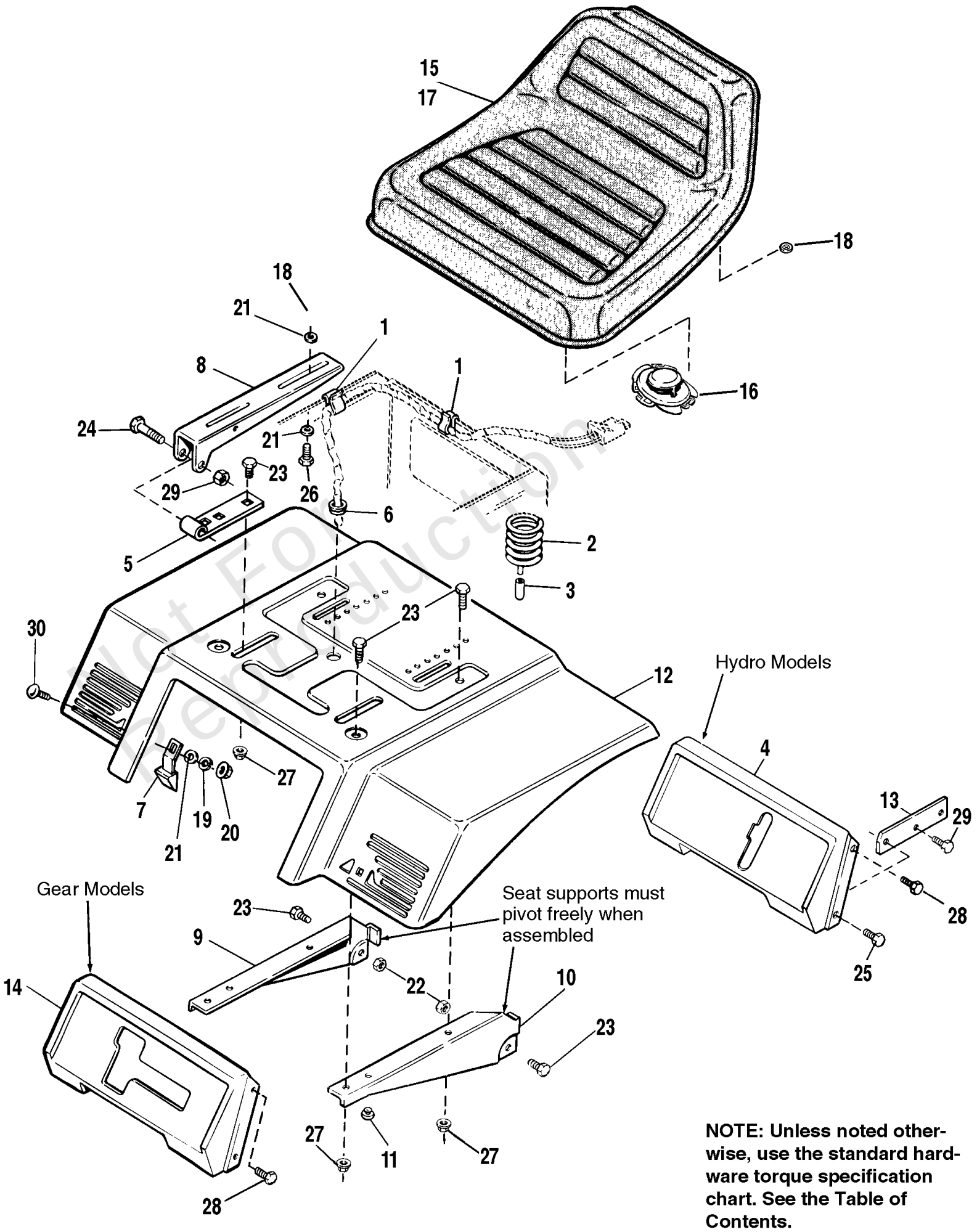

NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Seat & Deck

REF NO	PART NO	QTY	DESCRIPTION
1	2830222	2	CLIP
2	1666690SM	2	SPRING, Seat
3	1666691SM	2	COVER, Wire
4	1668839SM	1	PANEL, Shift -(Gear models)
5	1701560SM	2	HINGE, Lower
6	1701229SM	1	BUSHING, Snap
7	1701252SM	2	SEAT LATCH ASSY.
8	1701560SM	2	HINGE, Upper
9	1701736SM	1	SUPPORT, Seat, RH
10	1701737	1	SUPPORT, Seat, LH
11	1701742	2	BUMPER, Plug
12	1702690	1	DECK, Seat, Orange
12	41702690	1	DECK, Seat, Red
13	1709775	2	BRACE, Shift Panel -(Hydro models)
14	1709824	1	PANEL, Shift -(Hydro models)
15	1713839SM	1	SEAT -(Incl. Ref. No. 17)
16	1714320SM	1	SWITCH, Seat
17	1714482	1	SEAT COVER
18	1714494	1	PUSH NUT, 27/64
19	1917356SM	2	LOCKWASHER, 5/16
20	1917372SM	2	NUT, Hex, Full, 5/16-18
21	1919326SM	4	WASHER, 5/16
22	1919438SM	2	LOCKNUT, Hex, 5/16-18
23	1921332SM	10	CAPSCREW, Hex, 5/16-18 x 3/4
24	1923701SM	2	CAPSCREW, Hex, 3/8-16 x 2
25	1924856SM	4	SCREW, Taptite, 1/4-20 x 3/8 -(Hydro models)
26	1925205SM	4	CAPSCREW, Hex Hd., 5/16-18
27	1927557SM	8	NUT, Hex, Flange, Whizlock, 5/16-18
28	1928729SM	2	SCREW, Hex, Taptite, 5/16-18 x 3/8 -(Gear models)
29	1930645SM	2	LOCKNUT, Hex, 3/8-16
30	1931333SM	2	CARRIAGE BOLT, 5/16-18 x 3/4

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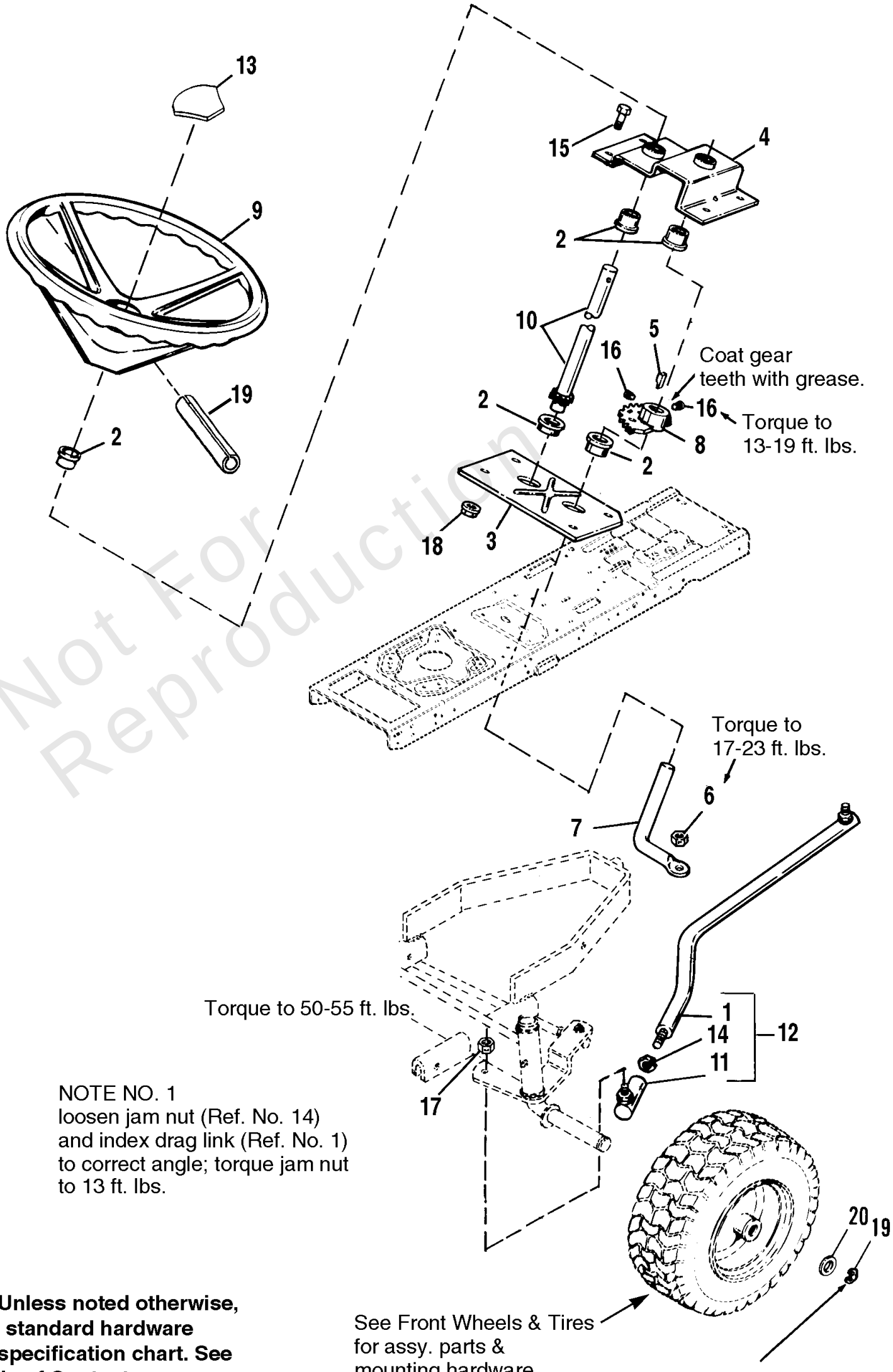
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692492



NOTE NO. 1
loosen jam nut (Ref. No. 14) and index drag link (Ref. No. 1) to correct angle; torque jam nut to 13 ft. lbs.

NOTE: Unless noted otherwise, use the standard hardware torque specification chart. See the Table of Contents.

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Steering

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	LINK, Drag (See Ref. No. 14)
2	2176440SM	5	BUSHING-0.765IDX
3	1652743SM	1	BASE PLATE, Steering
4	1667513SM	1	TOP PLATE, Steering
5	1667622SM	1	KEY
6	1668927SM	1	LOCKNUT, Center, 3/8-24 -Torque to 17-23 ft. lbs.
7	1674076SM	1	ROD, Steering
8	1675388SM	1	GEAR, Steering
9	1686651SM	1	STEERING WHEEL, 13-1/2" -(Incl. Ref. Nos. 13 & 19)
10	1701266SM	1	SHAFT ASSY., Steering
11	1705437SM	1	BALL JOINT ASSY., 1/2-20 Thrd. Stud.
12	1686663SM	1	LINK ASSY., Drag -(Incl. Ref. Nos. 1, 13 & 16)
13	1714097SM	1	CAP, Steering Wheel
14	1919262SM	1	NUT, Jam, 1/2-20
15	1921332SM	4	CAPSCREW, 5/16-18 x 3/4
16	1928721SM	2	SETSCREW, 5/16-18 x 1/2 -Torque to 13-19 ft. lbs.
17	1930245SM	1	LOCKNUT, Center, 1/2-20
18	1935048SM	4	LOCKNUT, Flange, Whiz, 5/16-18
19	1960540SM	1	PIN, Spring, 5/16 x 2
20	2860202SM	5	Washer 3/4

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Footnotes:

Note:* Not a servicable part.

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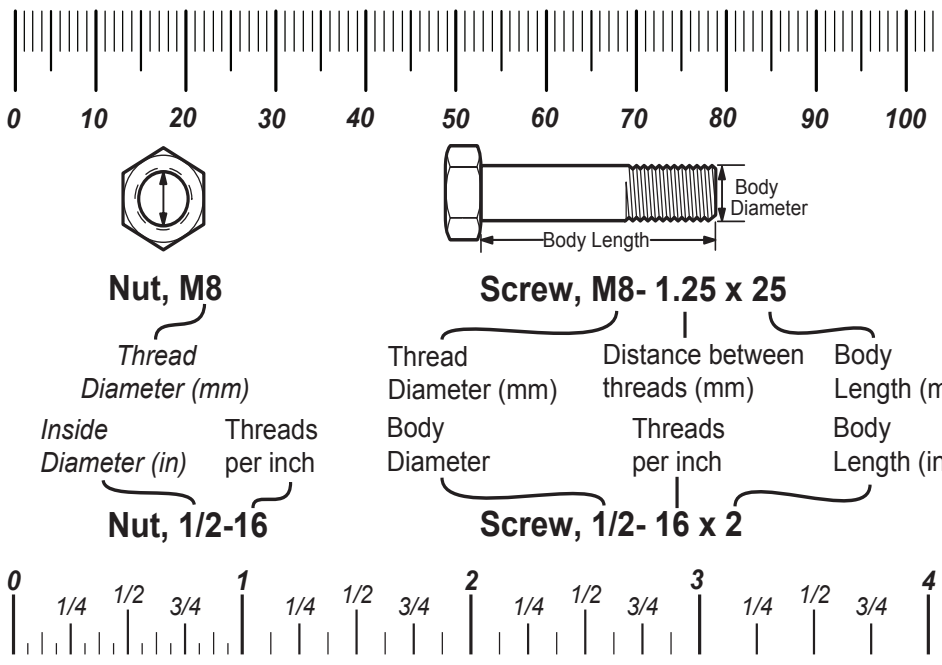
Hardware Identification & Torque Specifications

Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)

Property Class	5.6 Class 5.6		8.8 Class 8.8		10.9 Class 10.9		12.9 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

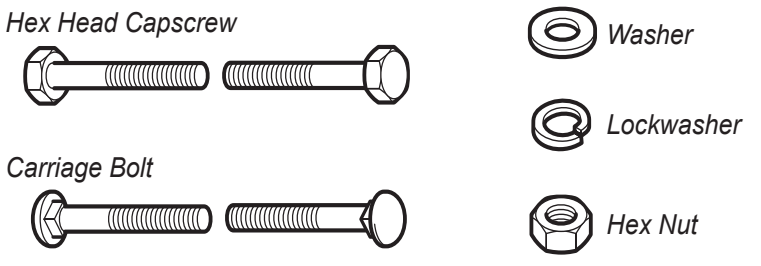
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	No Marks 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

1. 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.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade 5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. 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—22 mm

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