



Parts Manual

Mfg. No: 1692810
1614H, 14HP V-Twin Hydro and 38"
Mower Deck

1692683 - 38" Mower Deck.....	
1692809 - 1614H, 14HP V-Twin Hydro.....	

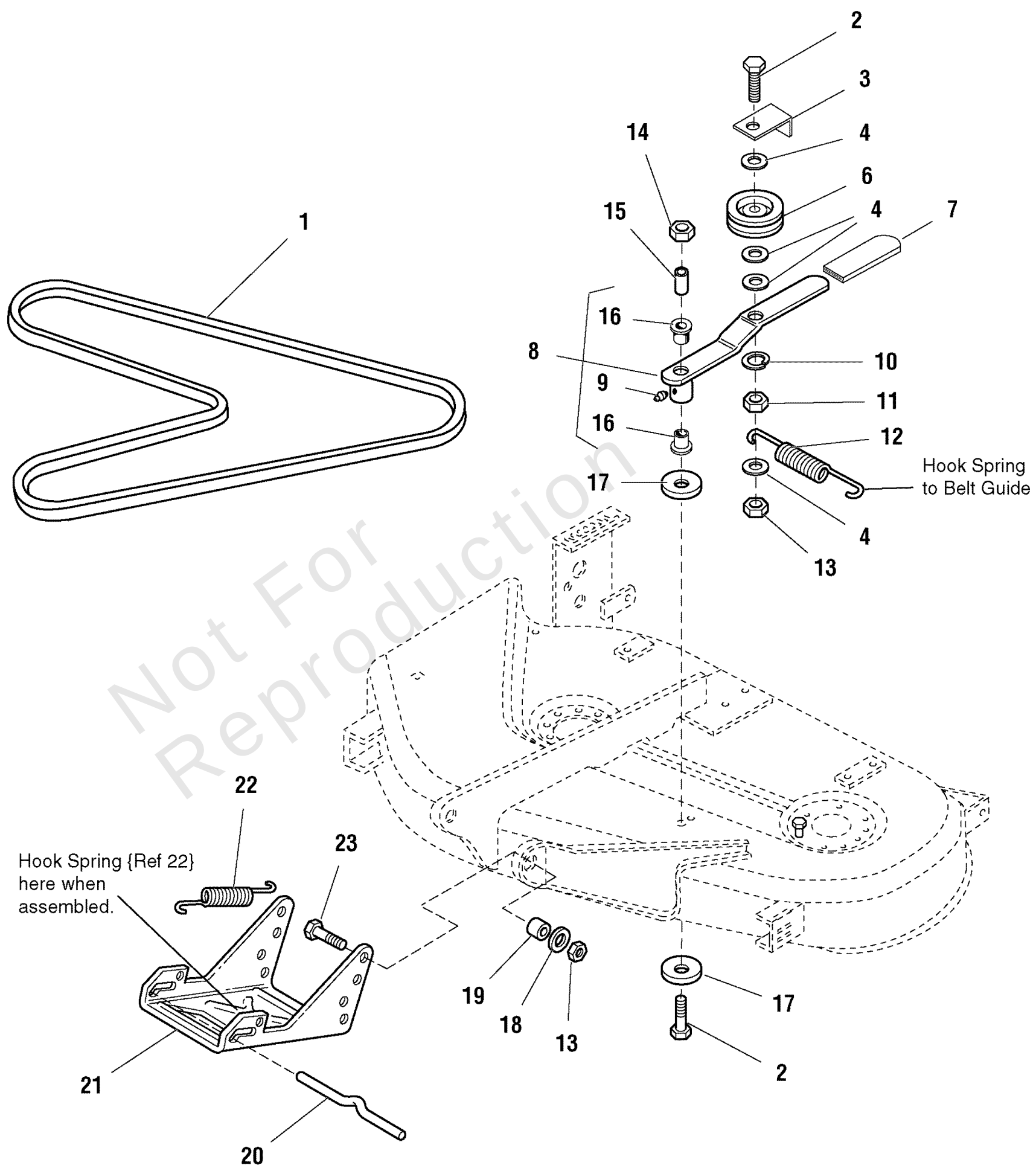
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38" Mower Deck - Belt, Pulley & Hitch Group

Note: Unless noted otherwise, use the standard torque specifications

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38" Mower Deck - Belt, Pulley & Hitch Group

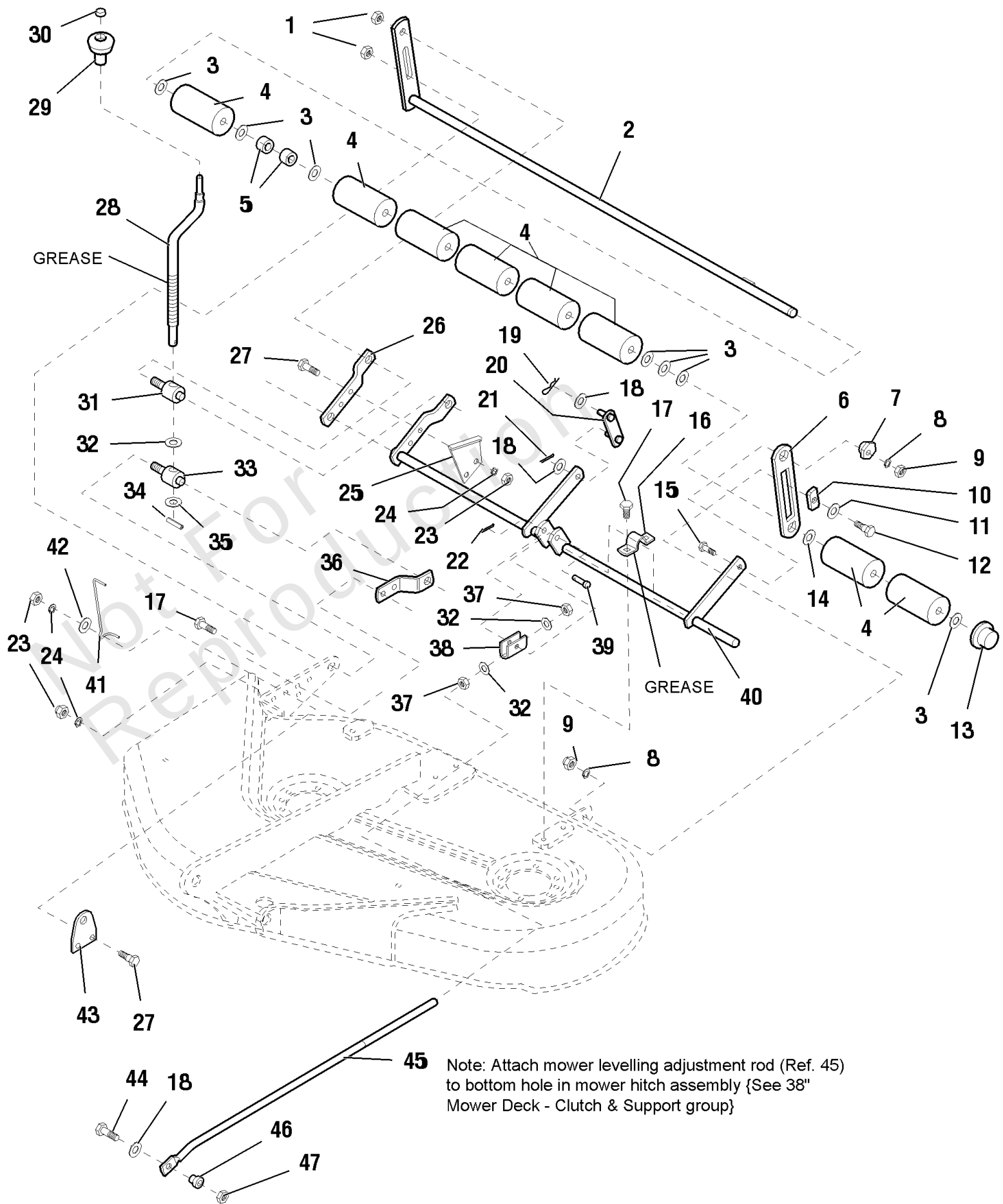
REF NO	PART NO	QTY	DESCRIPTION
1	1716854SM	1	V-BELT
2	1928957SM	2	CAPSCREW, Hex Head, 3/8-16 x 2-3/4
3	1677135ASM	1	GUARD, Belt
4	1922755SM	4	WASHER, Plain, 3/8
6	1685150SM	1	IDLER PULLEY (Includes Ref. No. 5)
7	1665835	1	GRIP, Lever
8	1704520ASM	1	LEVER ASMY-CLUTCH W/B
9	2812808SM	1	FITTING, Grease
16	1663114SM	2	BUSHING
10	1916965SM	1	LOCKWASHER, 3/8
11	1916950SM	1	NUT, Hex, 3/8-16
12	1715435SM	1	SPRING, EXTENSION, 1.
13	1919439SM	3	NUT, Hex Nylon Lock, 3/8-16
14	1930645SM	1	NUT, Hex Flange, 2-Way Lock, 3/8-16
15	1657242SM	1	SPACER
17	1924356SM	2	WASHER, 3/8
18	1924940SM	2	WASHER, Plain, 13/32
19	2157081SM	2	SPACER
20	1715759SM	1	ROD, 3/8 x 8
21	1707432ASM	1	HITCH ASSEMBLY
22	2156302	1	SPRING
23	1921968SM	2	CAPSCREW, Hex, 3/8-16 x 1-3/8

38" Mower Deck - Height Adjustment & Roller Bar Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



38" Mower Deck - Height Adjustment & Roller Bar Group

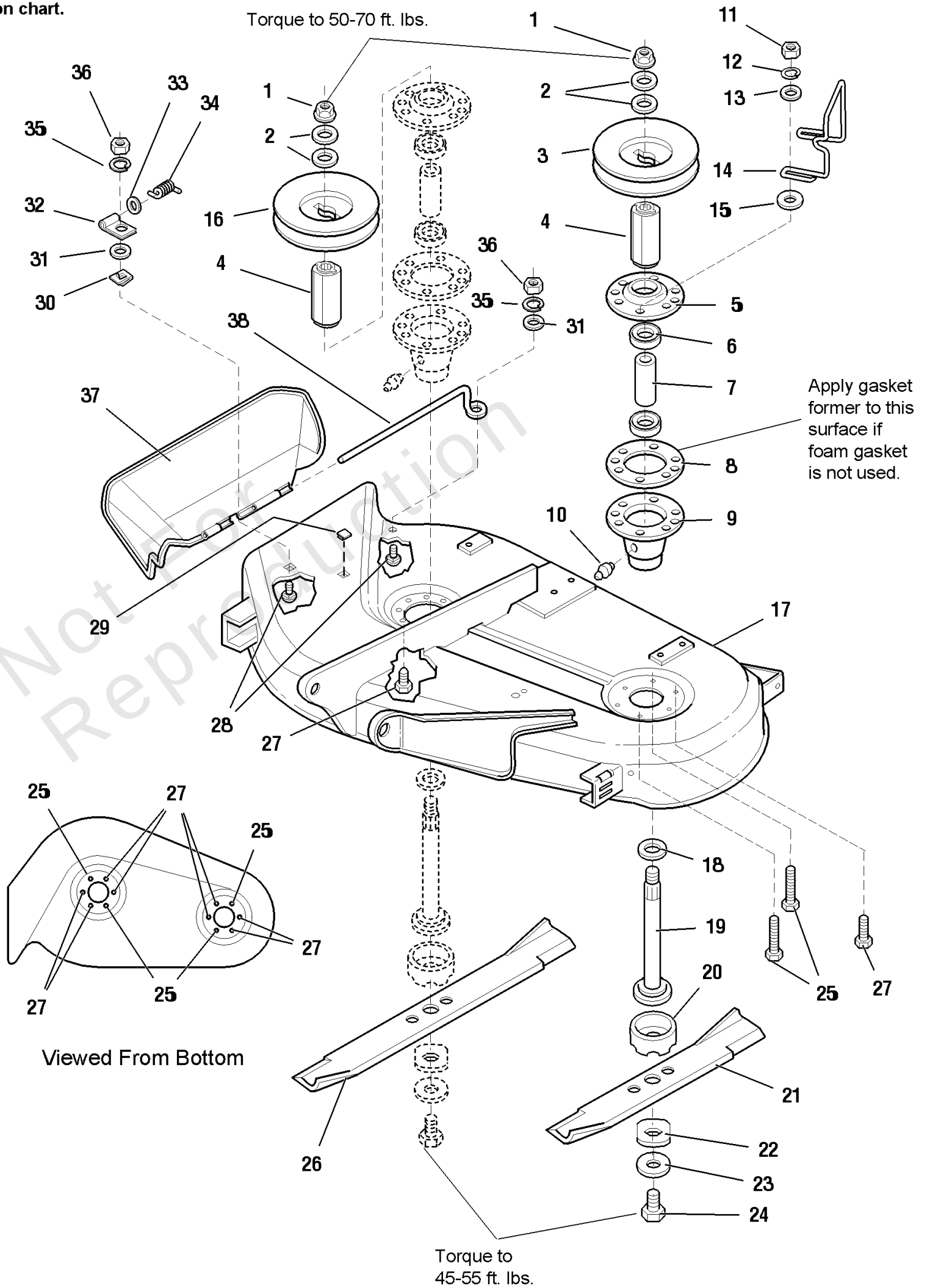
REF NO	PART NO	QTY	DESCRIPTION
1	1930644SM	2	NUT-HEX FLANGE 1/2-1
2	1686686SM	1	SHAFT ASSEMBLY, Roller (Includes Ref. No. 13)
13	1960520SM	1	NUT, Push, 5/8
3	1924366SM	8	WASHER, 5/8
4	1668513SM	8	ROLLER, .652 ID, 2.50 OD, 4.10 LG
5	1602946SM	3	SPACER, .66 ID
6	1704073ASM	1	BAR, Roller
7	1704082SM	1	NUT, Hex Adjusting, 11/16
8	1916965SM	2	LOCKWASHER, 3/8
9	2816950SM	2	NUT, Hex, 3/8-16
10	1677507SM	1	SLIDE
11	1924361SM	1	WASHER, Plain, 1/2
12	2172622SM	1	BOLT, Shoulder, 3/8-16 X 1.34, 1/2 Shoulder
14	1960020SM	1	WASHER, Plain, 21/32
15	1931352SM	1	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
16	1665374SM	2	STRAP-1.00WD 3.06LG .
17	1664847SM	6	CAPSCREW, Taptite, 5/16-18 x 3/4
18	1924940SM	5	WASHER, Plain, 13/32
19	2176012SM	1	CLIP, Pin, Safety
20	1705049SM	1	LINK ASSEMBLY, Lift
21	1918448SM	1	COTTER PIN
22	1960074SM	1	CLIP, HAIR PIN .093DI
23	1931277SM	4	NUT, Hex, 5/16-18 Whiz Lock
25	1704116ASM	1	BRACKET-HEIGHT OF CUT
26	1704083ASM	1	ARM, Rear, Mower, RH
27	1921977SM	4	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
28	1704094SM	1	CRANK, Cutting Height
29	1714084SM	1	KNOB
30	1960093SM	1	PAL NUT
31	1704087SM	1	TRUNNION, Threaded
32	1960170SM	3	WASHER, 5/8
33	1704086SM	1	TRUNNION
34	2816001SM	1	PIN-SPRING .188 X 1.0
35	1704097SM	1	WASHER, Detent
36	1704077ASM	1	STRAP, Trunnion Retainer
37	1913744SM	2	NUT, Hex Jam, 1/2-13
38	1704081ASM	1	TRUNNION
39	2118053SM	1	PIN, Clevis
40	1704104SM	1	ARM ASSEMBLY, Mower
41	1704114SM	1	INDICATOR, Cutting Height
42	1919381SM	1	WASHER, Flat, 5/16
43	1704115ASM	1	PLATE, Support
44	1922606SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
45	1704093SM	1	ROD, Adjustment
46	1706644SM	1	SPACER, 3/8X3/4X15/16
47	1928352SM	1	NUT, Hex Flange, 3/8-16

38" Mower Deck - Housing, Arbors & Blades Group

Note: Unless noted otherwise, use the standard torque specifications

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NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



38" Mower Deck - Housing, Arbors & Blades Group

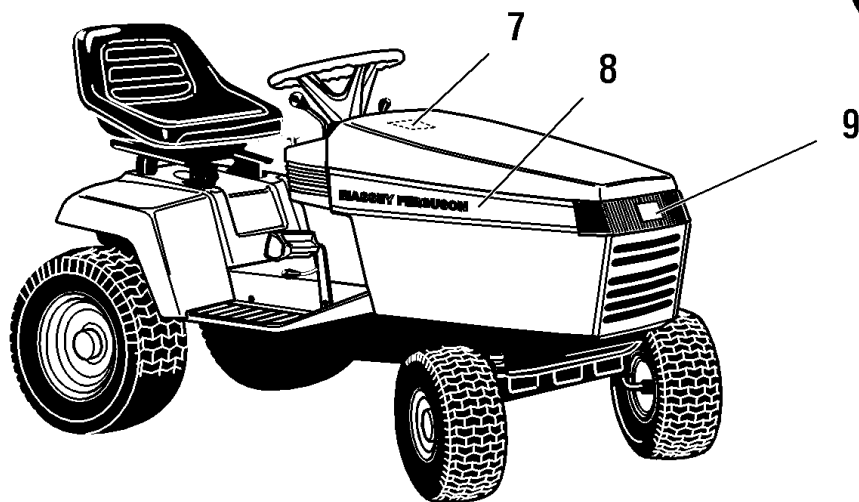
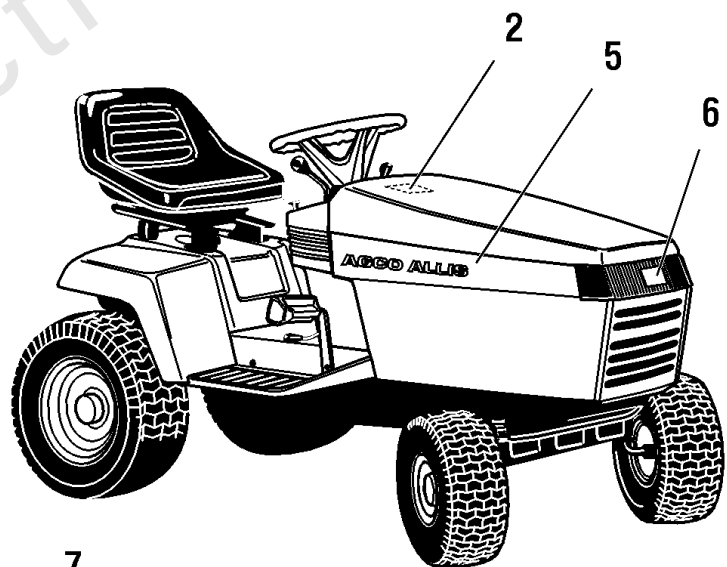
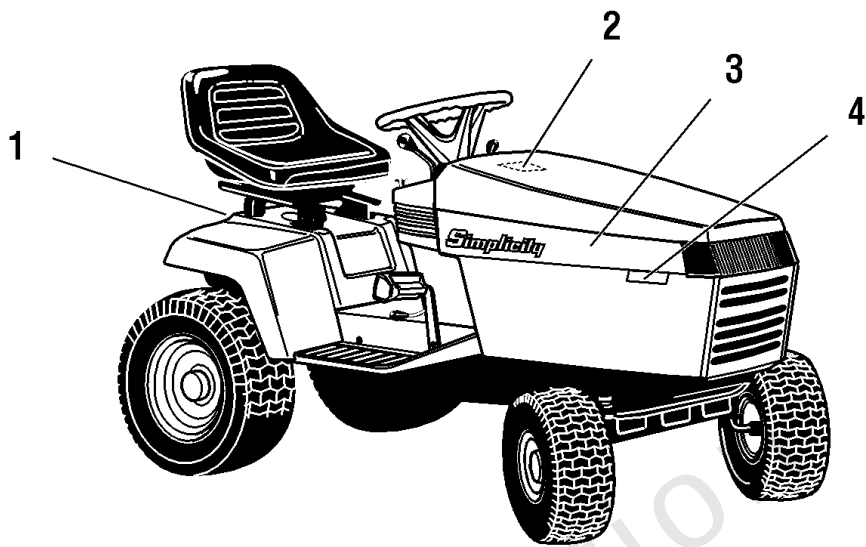
REF NO	PART NO	QTY	DESCRIPTION
1	1714419SM	2	NUT, Hex Flange, 9/16-8
2	1713675SM	4	WASHER, Bellville .56ID x 1.34 OD x .05T
3	1720387SM	1	PULLEY, LH, .49" Shallow-Groove OD 4"
4	1713616SM	2	HUB ADAPTER, Pulley
5	1713199ASM	2	COVER, Arbor Housing
6	1705897SM	4	BEARING, BALL 11/16X1
7	1732543SM	2	SPACER
8	1707335SM	2	GASKET, Foam
9	1713338ASM	2	HOUSING ASSEMBLY, Arbor Bottom, w/Lube Fitting -(Includes Ref. No. 10)
10	1704314SM	2	LUBE FITTING, .250 DR
11	1917372SM	4	NUT, Hex, 5/16-18 (Early Models)
11	1927557SM	4	NUT, Hex, Whizlock, 5/16-18 (Later Models)
12	1917356SM	4	LOCKWASHER, 5/16 (Early Models)
13	1919381SM	4	WASHER, Flat, 5/16
14	1704099SM	2	UPSTOP
15	1924356SM	4	WASHER, 3/8
16	1720388SM	1	PULLEY, RH, .49" Shallow-Groove OD 5.25"
17	1686815SM	1	MOWER DECK HOUSING, 38" (Orange)
17	1687149SM	1	MOWER DECK HOUSING, 38" (Charcoal Grey)
17	1687170SM	1	MOWER DECK HOUSING, 38" (Red)
18	1713619SM	2	WASHER
19	1713612SM	2	SHAFT, Arbor
20	1713196SM	2	SHIELD, Grass, Lower
21	1704856ASM	1	BLADE, Mower, 16-1/8", LH
22	1713089SM	2	WASHER, Hex
23	1656916SM	2	WASHER, SPRING 0.475I
24	2823471SM	2	CAPSCREW, Hex, Head, 7/16-14 x 1-1/4
25	2860678SM	4	SCREW-HEX WSHR HD TAP
26	1704101ASM	1	BLADE, Mower, 22-1/4", RH
27	1664847SM	8	CAPSCREW, Taptite, 5/16-18 x 3/4
28	1931318SM	2	CARRIAGE BOLT, 1/4-20 x 7/8
28	1931320SM	2	CARRIAGE BOLT, 1/4-20 x 1-1/4 (Export Models)
29	1705115SM	2	PLUG, Hole
30	1960518SM	1	NUT, Push
31	1960353SM	6	WASHER, Plain (6 Total for Export Models)
32	1704873SM	1	CLAMP, WIRE, .312DIA
33	1919326SM	1	WASHER, 5/16
34	1723938SM	1	SPRING
36	1920397SM	2	NUT, Hex, 1/4-20 UNC ESNA
37	1705449SM	1	DEFLECTOR, Plastic
38	1706709SM	1	ROD-.283DIA 11.65LG D
39	1721143A	1	COVER ASSEMBLY LH, Arbor (Export Models)
40	1664847SM	1	CAPSCREW, Hex Head Taptite, 5/16-18 x 3/4 (Export Models)
41	1721142A	1	COVER ASSEMBLY R H , Arbor (Export Models)

Decals - Brand & Model

Note: Unless noted otherwise, use the standard torque specifications

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**NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.**



Decals - Brand & Model

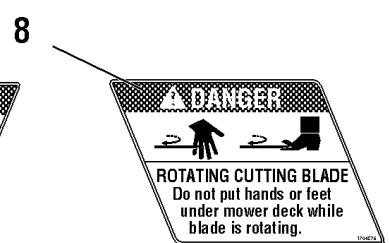
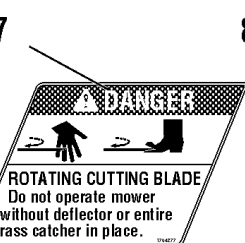
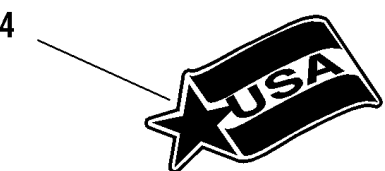
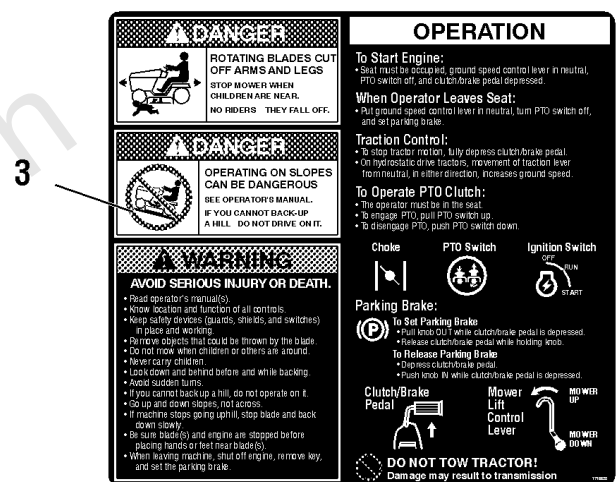
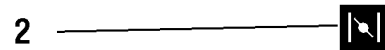
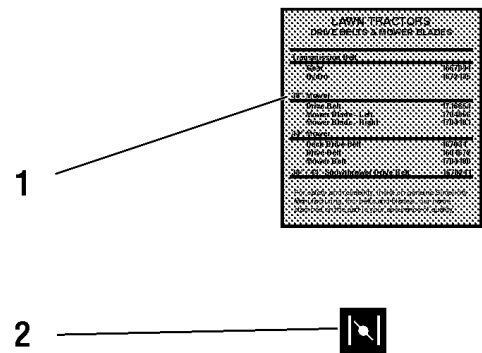
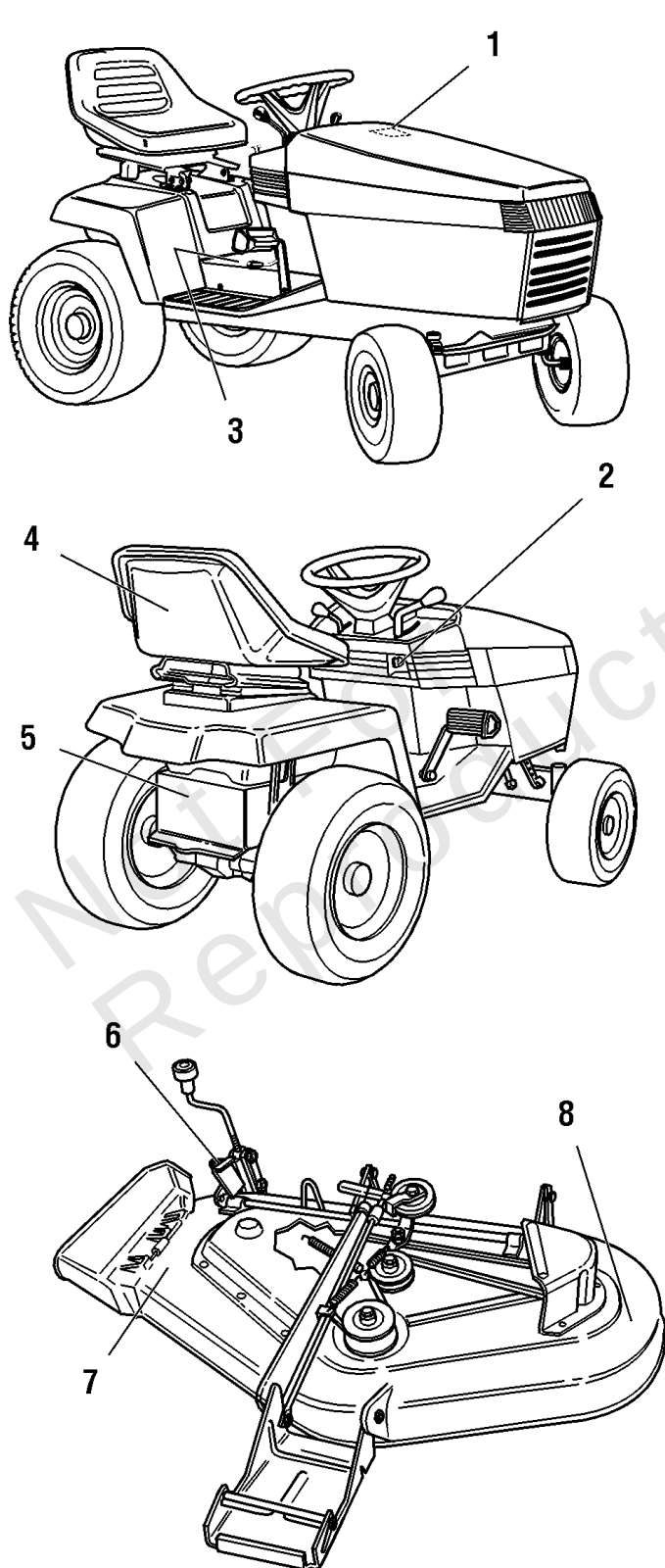
REF NO	PART NO	QTY	DESCRIPTION
1	1722551SM	1	DECAL, Simplicity Logo
2	1709061	1	DECAL, Paint
3	1713974	1	DECAL, RH Hood, Simplicity Broadmoor
3	1713975	1	DECAL, LH Hood, Simplicity Broadmoor
4	1713970	2	DECAL, Model, Simplicity Broadmoor - Hydro 14V-Twin
4	1713972	2	DECAL, Model, Simplicity Broadmoor - Hydro 16V-Twin
4	1714469	2	DECAL, Model, Simplicity Broadmoor - Hydro 15
5	1708811	1	DECAL, LH Hood - AGCO-Allis 1616H
5	1708812	1	DECAL, RH Hood - AGCO-Allis 1616H
5	1714233	1	DECAL, RH Hood - AGCO-Allis 1614VH
5	1714234	1	DECAL, LH Hood - AGCO-Allis 1614VH
5	1722558SM	1	DECAL, RH Hood - AGCO-Allis 1615H
5	1722557SM	1	DECAL, LH Hood - AGCO-Allis 1615H
6	1708926SM	2	DECAL, AGCO Allis Logo
7	1715794	1	DECAL, Paint
8	1714374SM	1	DECAL, LH Hood, Massey Ferguson 2616H
8	1714375SM	1	DECAL, RH Hood, Massey Ferguson 2616H
8	1715813SM	1	DECAL, LH Hood, Massey Ferguson 2615H
8	1715814SM	1	DECAL, RH Hood, Massey Ferguson 2615H
9	1714363SM	2	DECAL, Massey Ferguson Logo

Decals - Safety & Common

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Decals - Safety & Common

REF NO	PART NO	QTY	DESCRIPTION
1	1713315	1	DECAL, Belt, Blade
2	1704466SM	1	DECAL, Choke, Dash -(15 HP only)
3	1716528SM	1	DECAL, Operating Instructions
4	1708927	1	DECAL, USA Logo
5	1708918SM	1	DECAL, Transmission Release Valve
6	1721197SM	1	DECAL, Mower Height
7	1704277SM	1	DECAL, Danger (Chute in place)
8	1704276SM	1	DECAL-DANGER DO NOT P
?9	-----	1	DECAL, OPEI
?10	-----	1	I.D. PLATE

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Footnotes:

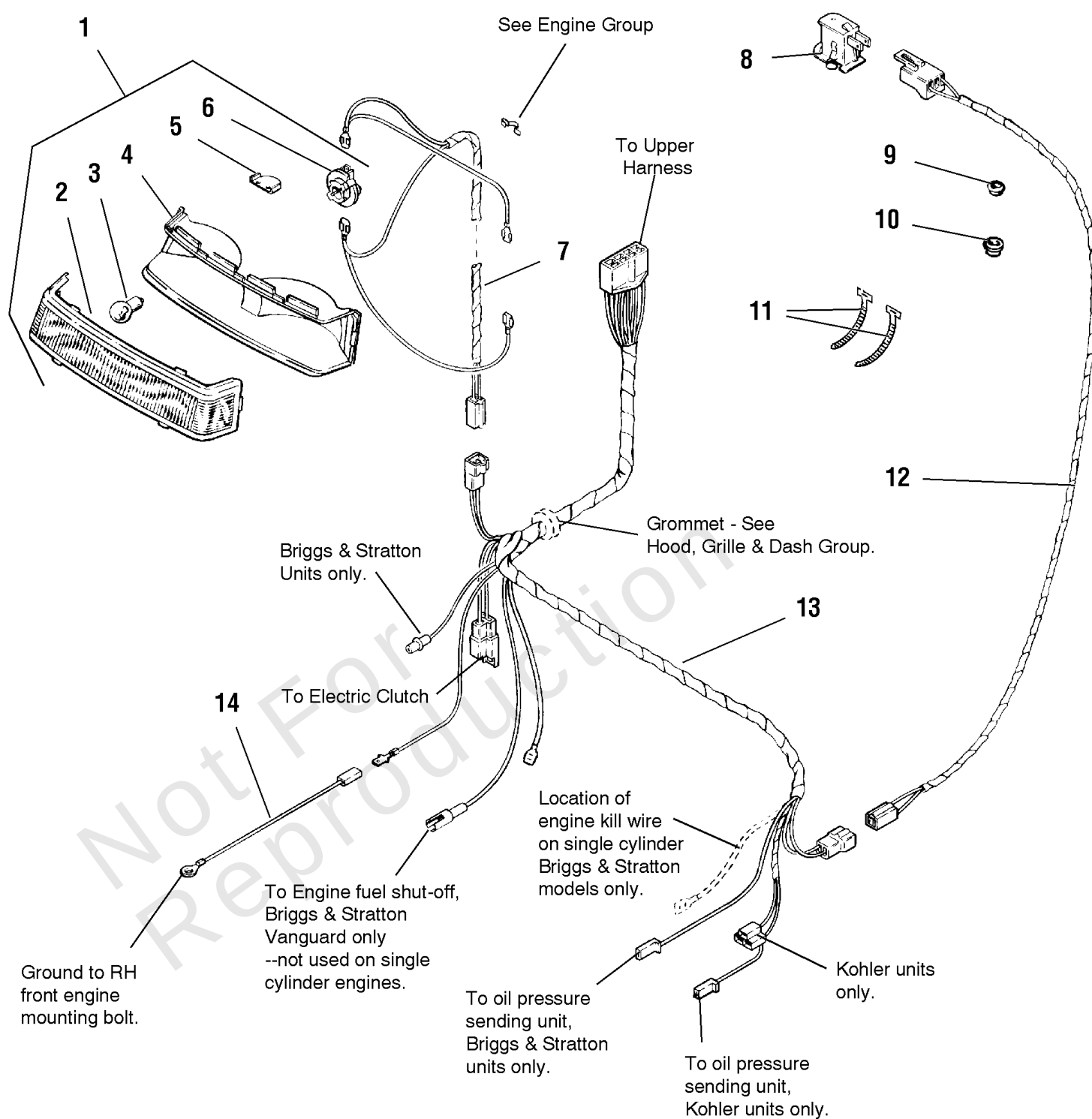
Note:* Not a serviceable part.

Note:* Not a serviceable part.

Electrical - Lower Harness

Note: Unless noted otherwise, use the standard torque specifications

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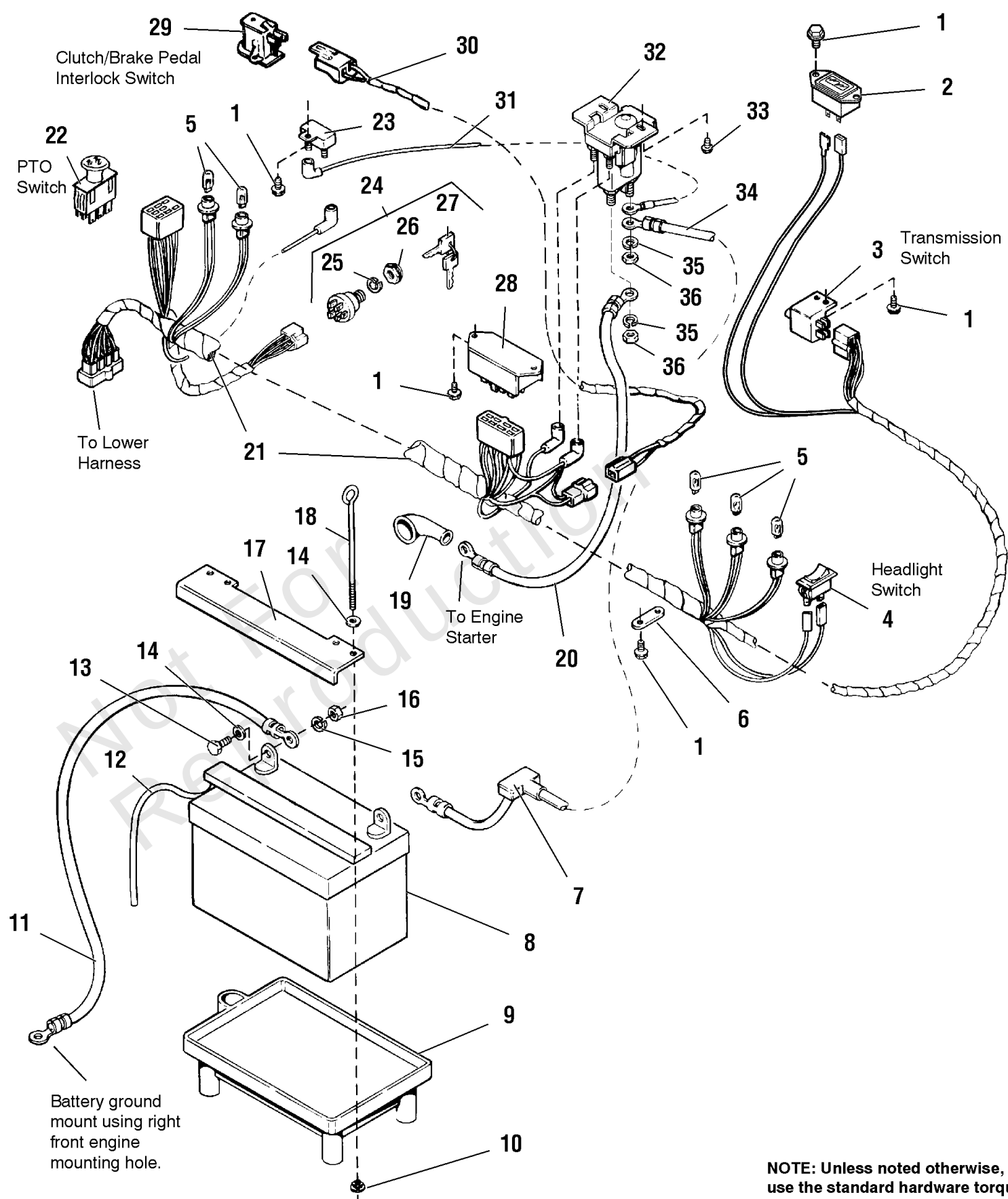
Electrical - Lower Harness

REF NO	PART NO	QTY	DESCRIPTION
1	1703945SM	1	HEADLIGHT ASSY. -(Incl. Ref. Nos. 2, 3, 4, 5 & 6)
2	1703248SM	1	LENS, Headlight
3	1677371SM	2	BULB-HEADLIGHT 1
4	1703249SM	1	BEZEL, Headlight
5	1703946SM	2	HEAT SHIELD
6	1677370SM	2	SOCKET, Bulb
7	1674358SM	1	WIRE ASSY., Headlight
8	1704379SM	1	SWITCH, Seat, Operator Present
9	1701229SM	2	BUSHING, Snap, Small
10	1705921SM	1	BUSHING, Snap, Large -(15HP only)
11	1701011SM	2	TIE, Cable
12	1704877SM	1	WIRE ASSY., Seat Switch
13	1704377SM	1	HARNESS ASSY., Lower -(14HP & 16HP only)
13	1705447SM	1	HARNESS ASSY., Lower -(15HP only)
14	1707232SM	1	WIRE ASSY., Engine Ground

Electrical - Main Harness

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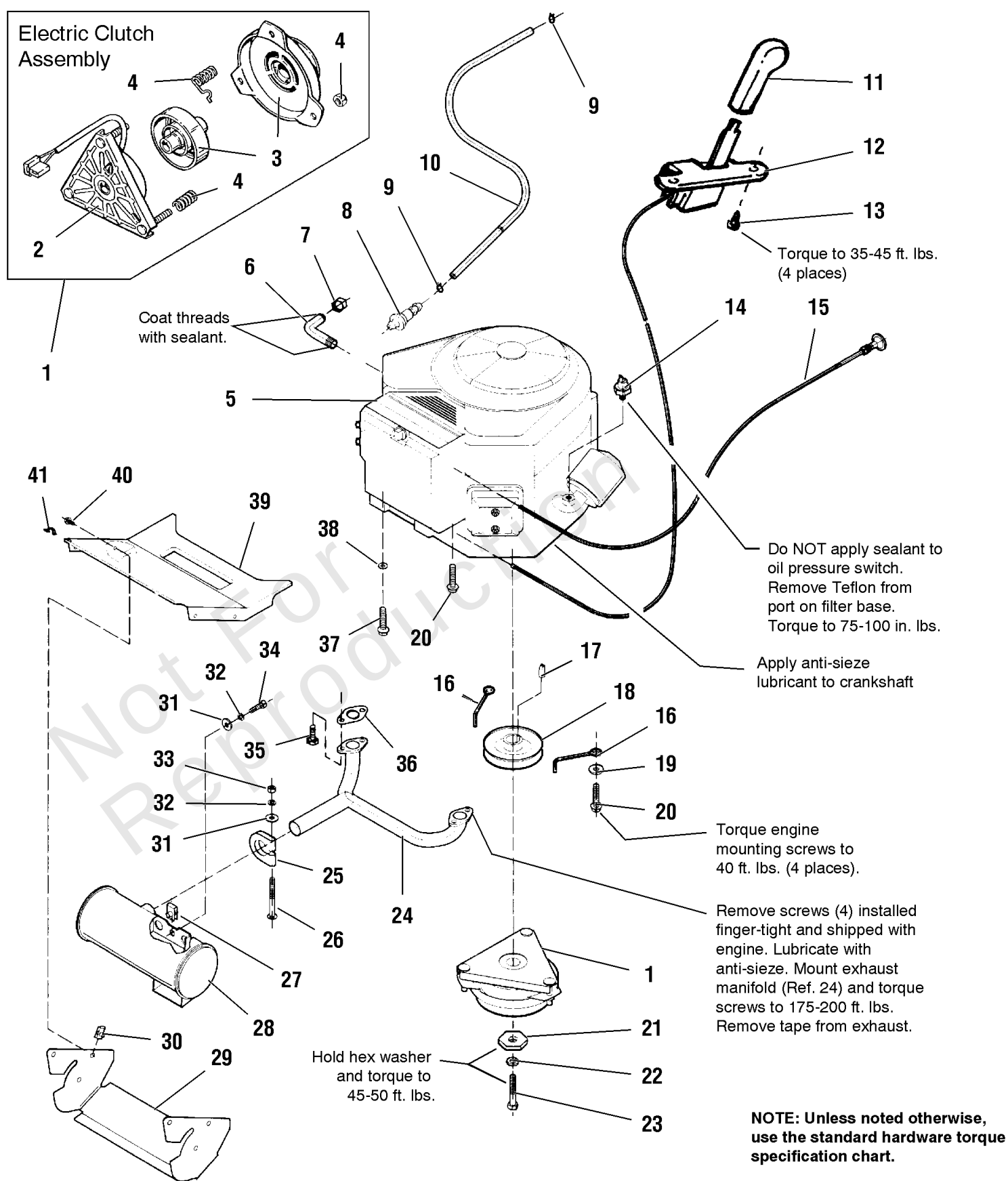
Electrical - Main Harness

REF NO	PART NO	QTY	DESCRIPTION
1	1960369SM	9	SCREW, Plastite, #8-16 x 1/2
2	1715138SM	1	HOURMETER
3	1701521SM	1	SWITCH, Transmission, Neutral Start
4	1703799SM	1	SWITCH, HEADLIGHT
5	1676130SM	5	BULB, Indicator Light
6	1704614SM	1	STRAP, Wire Retainer
7	1677296SM	1	BOOT,INSULATOR BATTER
8	1685215SM	1	BATTERY,12V
9	1704112SM	1	TRAY, Battery
10	1704349SM	2	NUT, Plastic, 1/4-20
11	1713163SM	1	CABLE, Battery to Ground
12	1612103SM	1	HOSE, Battery, Drain
13	1923341SM	2	CAPSCREW, Hex, 1/4-20 x 3/4
14	1921319SM	4	WASHER, Plain, 9/32
15	1916964SM	2	LOCKWASHER, 1/4
16	1916622SM	2	NUT, Hex, Full, 1/4-20
17	1718596	1	HOLD DOWN, Battery
18	1704632SM	2	ROD, Battery Hold Down
19	2122023SM	1	COVER, Terminal
20	1668819SM	1	CABLE, Solenoid to Starter
21	1715805SM	1	HARNESS, Upper
22	1716332SM	1	SWITCH, PTO Electric Clutch
23	1665238SM	1	BREAKER-CIRCUIT
24	1686734SM	1	IGNITION SWITCH -(Incl. Ref. Nos. 25, 26 & 27)
25	1960547SM	1	LOCKWASHER-INTERNAL
26	1714055SM	1	NUT
27	1714054SM	2	KEY-IGNITIOM W/PLASTI
28	1703972SM	1	MODULE
29	1732004SM	1	SWITCH-PUSH BUTTON
30	1709949SM	1	WIRE ASSY.
31	1665237SM	1	WIRE ASSY.
32	1686981SM	1	SOLENOID
33	1960536SM	2	SCREW, HEX WSHR HD PL
34	1603618SM	1	CABLE, Battery to Solenoid
35	1917356SM	2	LOCKWASHER, 5/16
36	2820263SM	2	NUT, Hex, 5/16-24

Engine Group - Electric Clutch - 14 & 16HP Twin Cylinder Briggs & Stratton

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Engine Group - Electric Clutch - 14 & 16HP Twin Cylinder Briggs & Stratton

REF NO	PART NO	QTY	DESCRIPTION
1	1703816SM	1	ELECTRIC CLUTCH -(Incl. Ref. Nos. 2-4)
2	1679101	1	FIELD ASSY., Clutch
3	1703816SM	1	ROTOR & ARMATURE ASSY.
4	1679104SM	1	SPRING & NUT KIT
5	-----	1	ENGINE, 14HP or 16HP Briggs & Stratton V-Twin
6	1704343SM	1	DRAIN PIPE, Oil
7	1667346SM	1	CAP, Oil
8	2173206SM	1	FUEL FILTER
9	2860112SM	2	CLAMP, Hose
10	1718678SM	1	HOSE, Fuel, 45-1/2" Long
11	1713846SM	1	KNOB, Throttle
12	1714068SM	1	THROTTLE CONTROL ASSY.
13	1960536SM	2	SCREW, HEX WSHR HD PL -Torque to 35-45 ft. lbs. (4 places).
14	1703956SM	1	SWITCH,OIL PRESSURE, -Do NOT apply sealant to oil pressure switch. Remove Teflon from port on filter base. Torque to 75-100 in. lbs.
15	1704344SM	1	CABLE, Choke Control
16	1704419SM	2	BELT STOP
17	2171241SM	1	KEY, Hi-Pro
18	1704307ASM	1	PULLEY ASSY.
19	1924940SM	2	WASHER, Plain, 13/32
20	1930598SM	3	SCREW, Taptite, 3/8-16 x 1-1/2 -Torque engine mounting screws to 40 ft. lbs. (4 places).
21	1708264SM	1	WASHER, HEX, 0.453ID -Hold hex washer and torque to 45-50 ft. lbs.
22	1918199SM	1	LOCKWASHER, 7/16
23	1960370SM	1	CAPSCREW, 7/16-20 x 2-1/2 -Hold hex washer and torque to 45-50 ft. lbs.
24	1703986SM	1	MANIFOLD, Exhaust -Remove screws (4) installed finger-tight and shipped with engine. Lubricate with anti-sieze. Mount exhaust manifold (Ref. 24) and torque screws to 175-200 ft. lbs. Remove tape from exhaust.
25	1676183SM	1	CLAMP, Muffler
26	1931342SM	1	CARRIAGE BOLT, 5/16-18 x 2-3/4
27	1935255SM	1	NUT, SPEED, 5/16-18 L
28	1703971SM	1	MUFFLER ASSY.
29	1704357SM	1	DUCT, Lower Muffler
30	1960368SM	4	PAL NUT, 1/4-20
31	1919326SM	2	WASHER, 5/16
32	1917356SM	2	LOCKWASHER, 5/16
33	1917372SM	1	NUT, Hex, Full, 5/16-18
34	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
35	1960407SM	4	SCREW, Metric
36	-----	2	GASKET, Exhaust Manifold
37	704010	1	SCREW, HEX, 3/8-16
38	2820427SM	1	LOCKWASHER, External Tooth
39	1707334SM	1	DUCT, Upper Muffler
40	1960295SM	4	SCREW, Flange, Whizlock, 1/4-20 x 5/8

Footnotes:

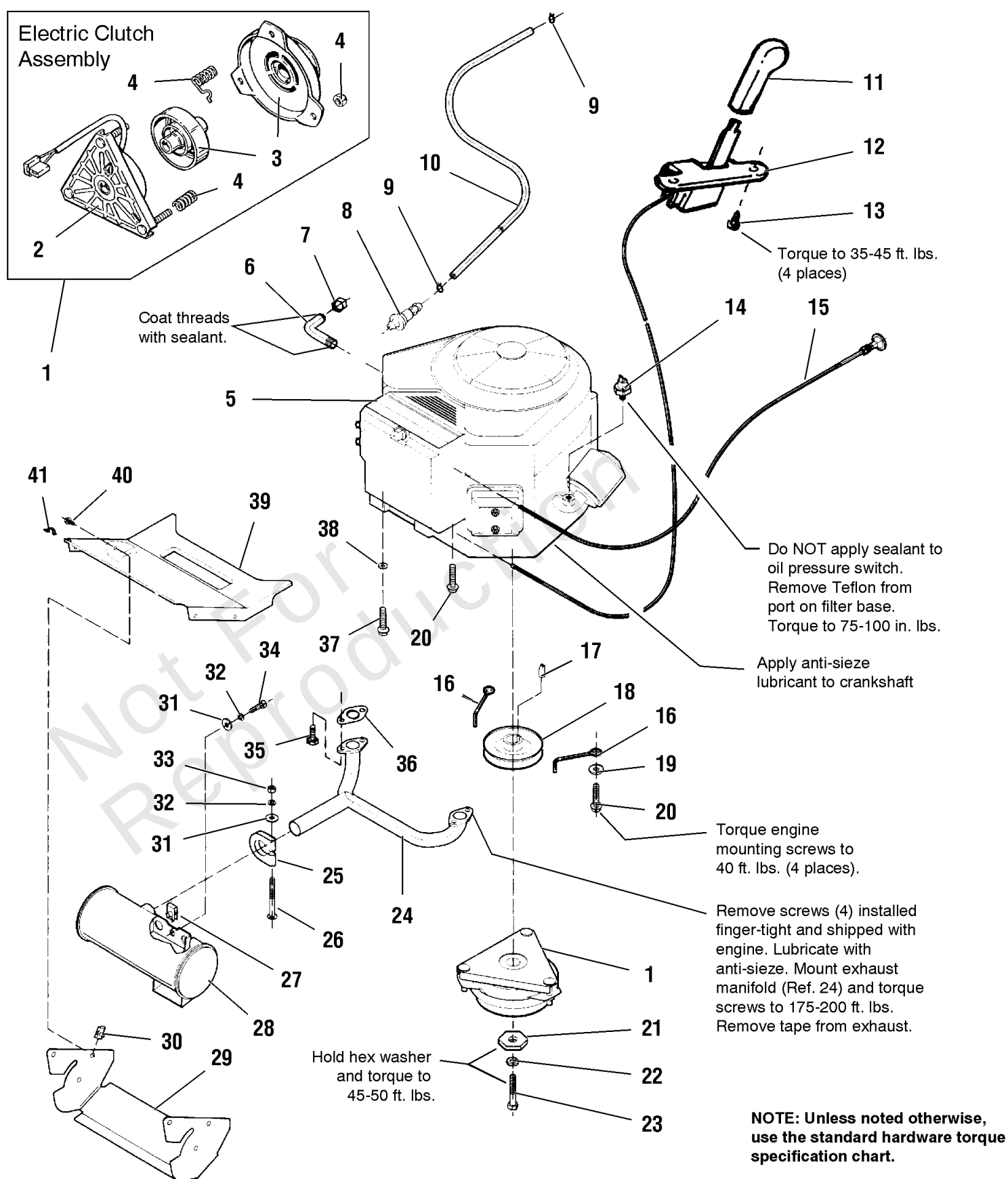
Note:* See your local Briggs & Stratton distributor for service & parts.

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Engine Group - Electric Clutch - 14 & 16HP Twin Cylinder Briggs & Stratton

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Engine Group - Electric Clutch - 14 & 16HP Twin Cylinder Briggs & Stratton

REF NO	PART NO	QTY	DESCRIPTION
41	2834683SM	1	CLIP

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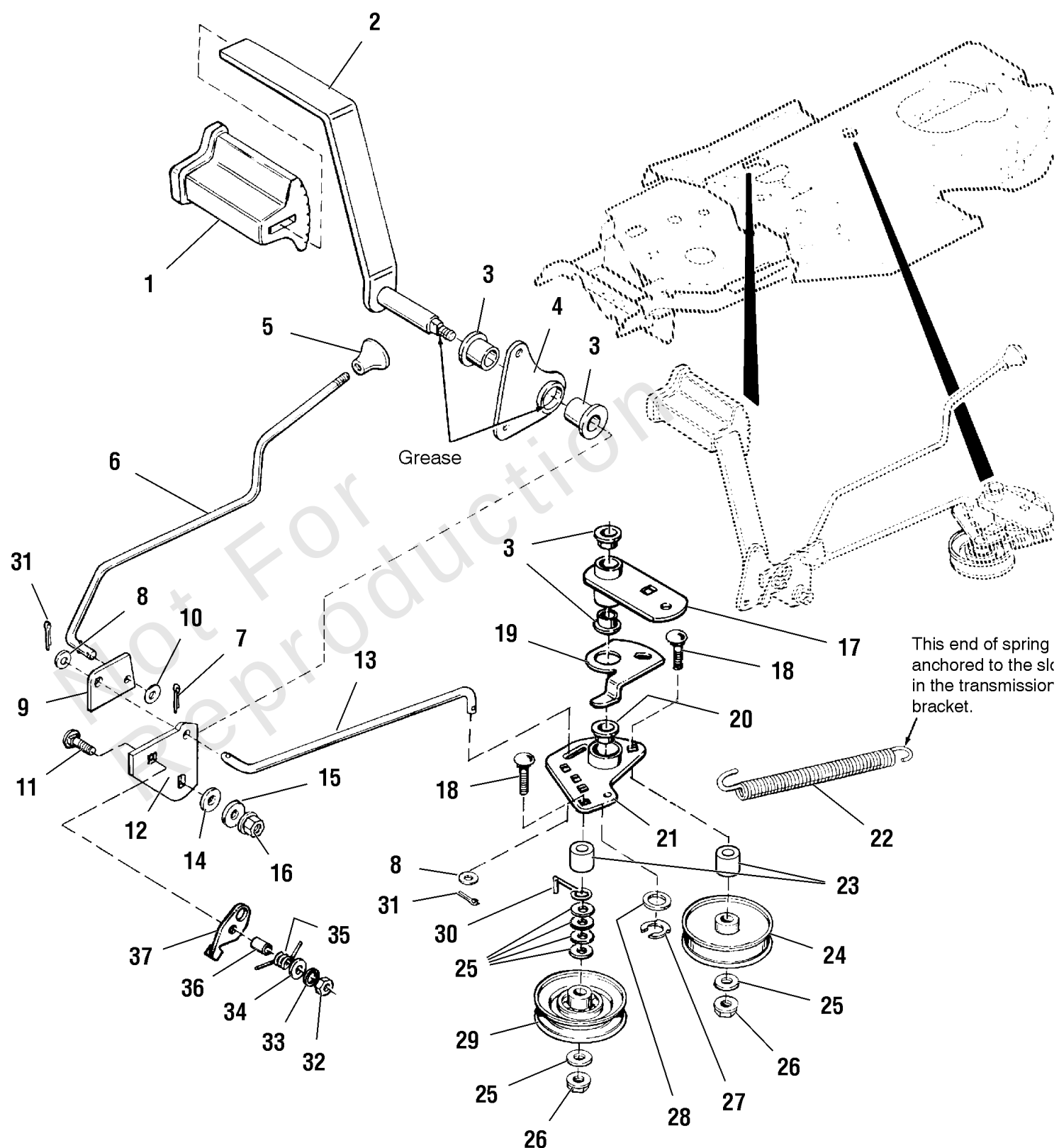
Footnotes:
Note:* See your local Briggs & Stratton distributor for service & parts.
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Foot Controls

Note: Unless noted otherwise, use the standard torque specifications

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NOTE: Unless noted otherwise,
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Foot Controls

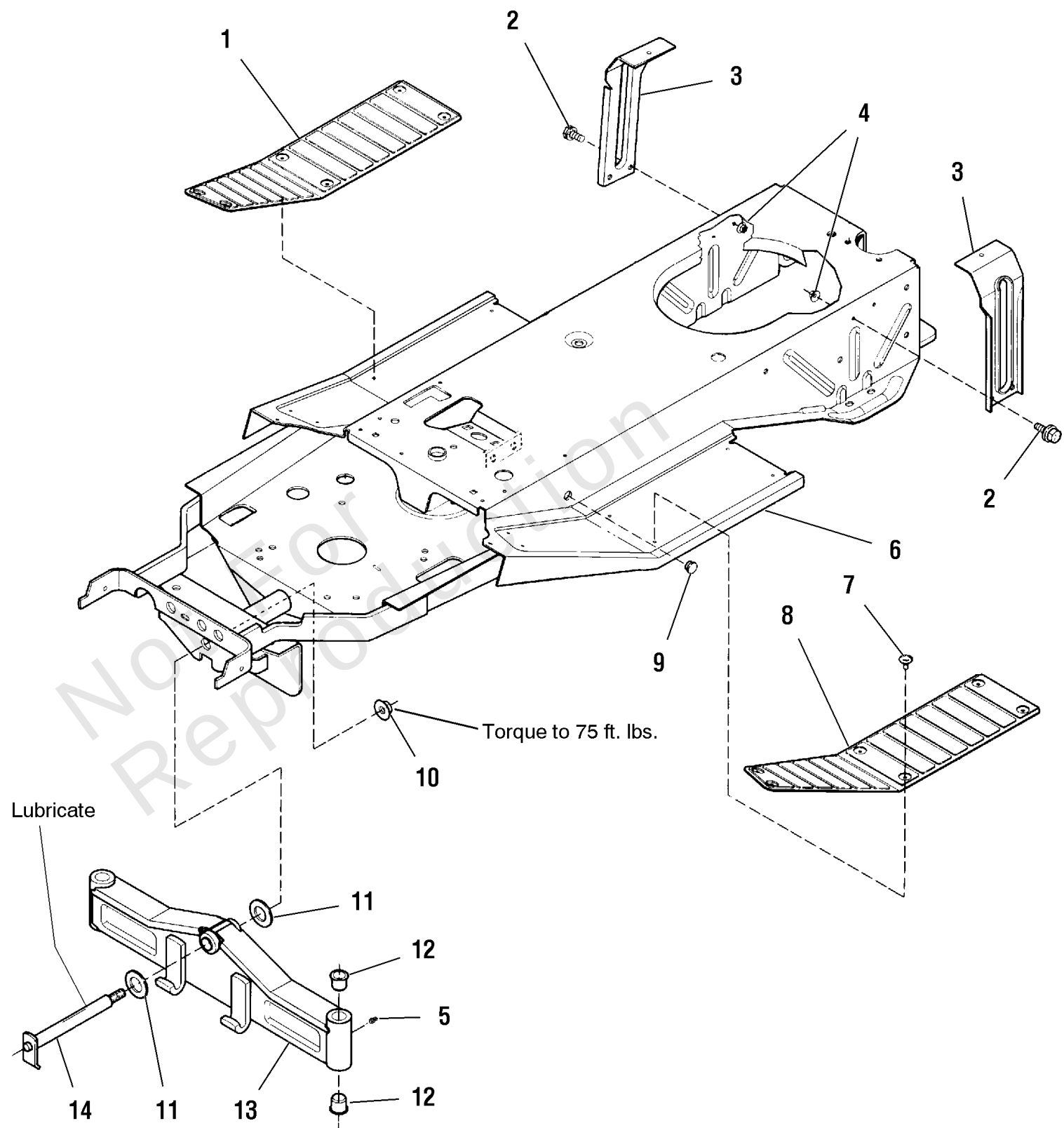
REF NO	PART NO	QTY	DESCRIPTION
1	1718944SM	1	PAD, Foot Pedal
2	1704295SM	1	BRAKE PEDAL ASSY.
3	1663114SM	4	BUSHING, Plastic
4	1704621SM	1	CAM, Lift
5	1713855SM	1	KNOB, Plastic
6	1713480SM	1	ROD, Parking Brake
7	1923360SM	1	COTTER PIN
8	1919326SM	2	WASHER, 5/16
9	1704429SM	1	CAM, Parking Brake
10	1921319SM	1	WASHER, Plain, 9/32
11	1960223SM	1	BOLT-RD HD SH SQ NK 5
12	1709951SM	1	ARM, Foot Pedal
13	1709895SM	1	ROD, Clutch, 5/16 Dia.
14	1922755SM	1	WASHER
15	1922611SM	1	WASHER, 13/32 x 1-1/2 x 1/16
16	1919439SM	1	NUT, Hex , Esna, 3/8-16
17	1715002SM	1	PIVOT ASSY., Shift
18	1931353SM	2	CAPSCREW, 3/8-16 x 1-3/4
19	1715262SM	1	LEVER, Lockout
20	1709894SM	1	BUSHING, Plastic
21	1709903SM	1	IDLER ARM ASSY.
22	1666759SM	1	SPRING, Drive
23	1667811SM	2	SPACER
24	1721133SM	1	PULLEY, IDLER
25	1924940SM	6	WASHER, Plain, 13/32
26	1928352SM	2	NUT, Flange, Whizlock, 3/8-16
27	1704420SM	1	KLIP RING, 5/8
28	1960020SM	1	WASHER, Plain, 21/32
29	2174561SM	1	PULLEY, "V"
30	1709863SM	1	BELT STOP
31	1918447SM	2	COTTER PIN
32	1917372SM	1	NUT, Hex, 5/16-18
33	1917356SM	1	LOCKWASHER, 5/16
34	1960044SM	1	WASHER-0.312(0.33IDX1
35	1709974SM	1	SPRING, Extension
36	1720526SM	1	SPACER
37	1709950SM	1	ACTUATOR, Switch

Frame & Front Axle

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



Frame & Front Axle

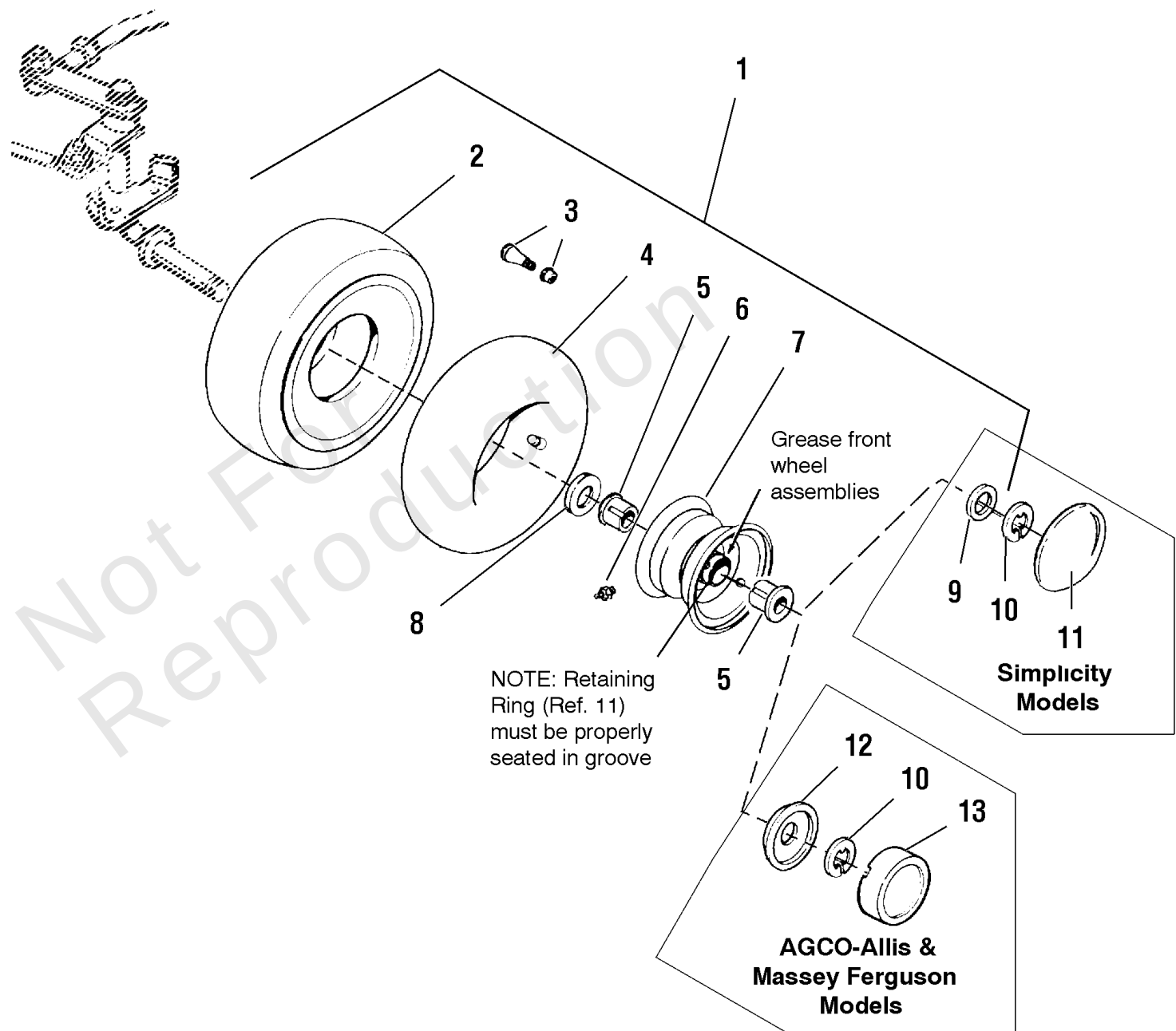
REF NO	PART NO	QTY	DESCRIPTION
1	1704310SM	1	PAD, Footrest, RH
2	1934654SM	4	CAPSCREW, Hex, Flange, Whizlock, 3/8-16 x 1
3	1703968SM	2	SUPPORT, Seat
4	1919439SM	4	NUT, Hex, Esna, Lock, 3/8-16
5	1704314SM	2	LUBE FITTING, .250 DR
6	1709883	1	FRAME ASSY.
7	1704351SM	12	FASTENER, Panel
8	1704311SM	1	PAD, Footrest, LH
9	1704990	1	PLUG
10	1960270SM	1	NUT, Hex, Full, Lock, 3/4-16 -Torque to 75 ft. lbs.
11	2860530SM	2	WASHER -Special
12	2176440SM	4	BUSHING-0.765IDX
13	1703475ASM	1	AXLE ASSY., Front
14	1718856SM	1	AXLE PIVOT ASSY.

Front Wheels & Tires

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



Front Wheels & Tires

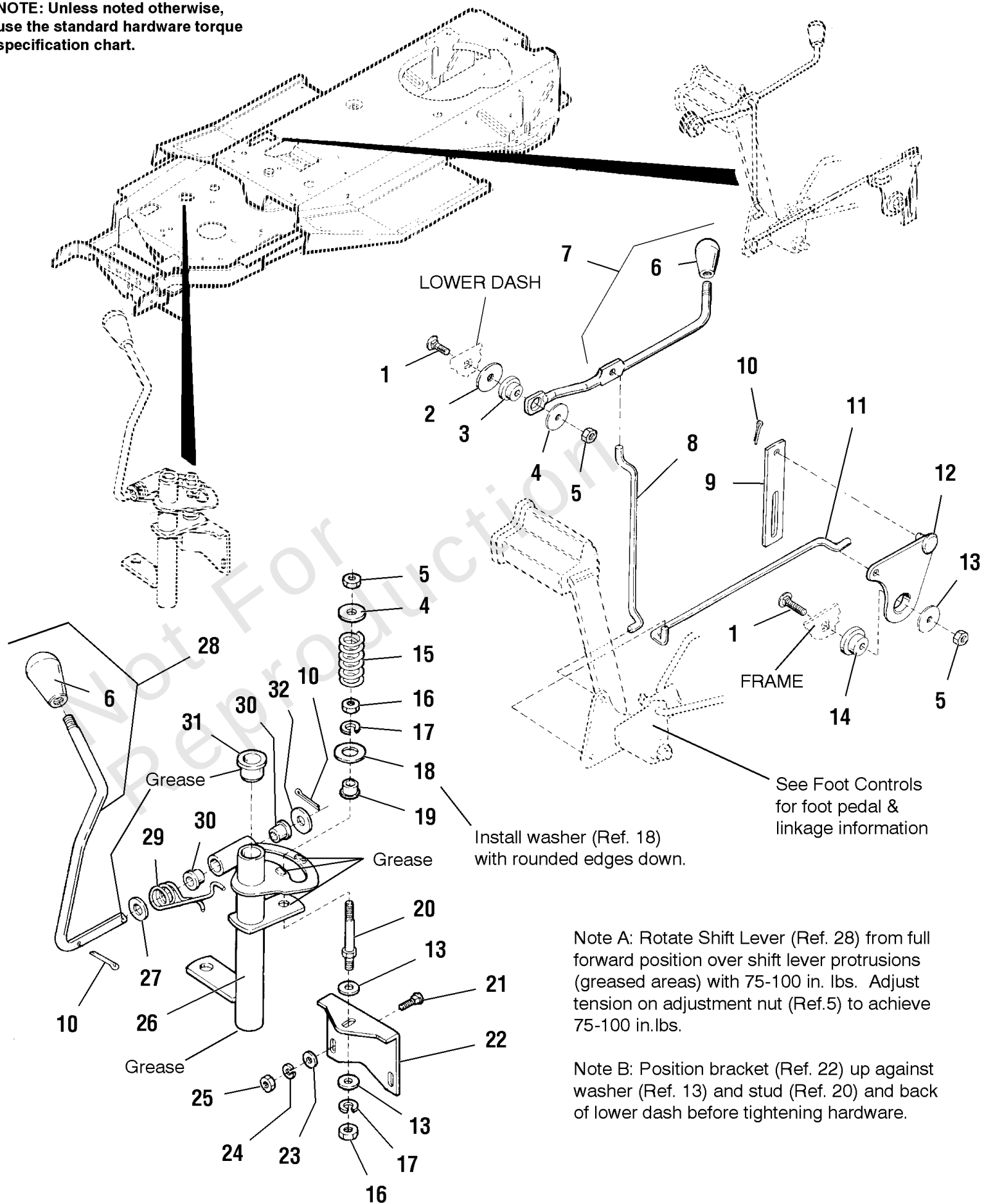
REF NO	PART NO	QTY	DESCRIPTION
1	1709856SM	2	WHEEL & TIRE ASSY. 15 x 6.00-6, Metallic Gray -(Incl. Ref. Nos. 2, 3, 4, 5, 6 & 7)
2	1713166SM	2	TIRE, 15 x 6.00-6 (Dico)
3	2172353SM	2	VALVE STEM & CAP
4	1664090SM	2	TUBE, 4.10/3.50-6
5	1713167SM	4	BEARING
6	2812808SM	2	GREASE FITTING
7	1726301SM	2	WHEEL ASSY., Metallic Gray -(Incl. Ref. No. 5).
8	1960160SM	2	WASHER, 3/4 -(Install to the inside of wheel)
9	1960114SM	2	WASHER, 3/4 -(Simplicity Models - Install to the outside of wheel)
10	1611710SM	2	RING, Retaining -(AGCO-Allis & Massey Ferguson Models). (Simplicity Models)
11	1714925SM	2	HUBCAP, 6" -(Simplicity Models)
12	1701435SM	2	RETAINER, Cap, Hub -(AGCO-Allis & Massey Ferguson Models)
13	1676519SM	2	CAP, Hub -(AGCO-Allis & Massey Ferguson Models)

Hand Controls

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



Hand Controls

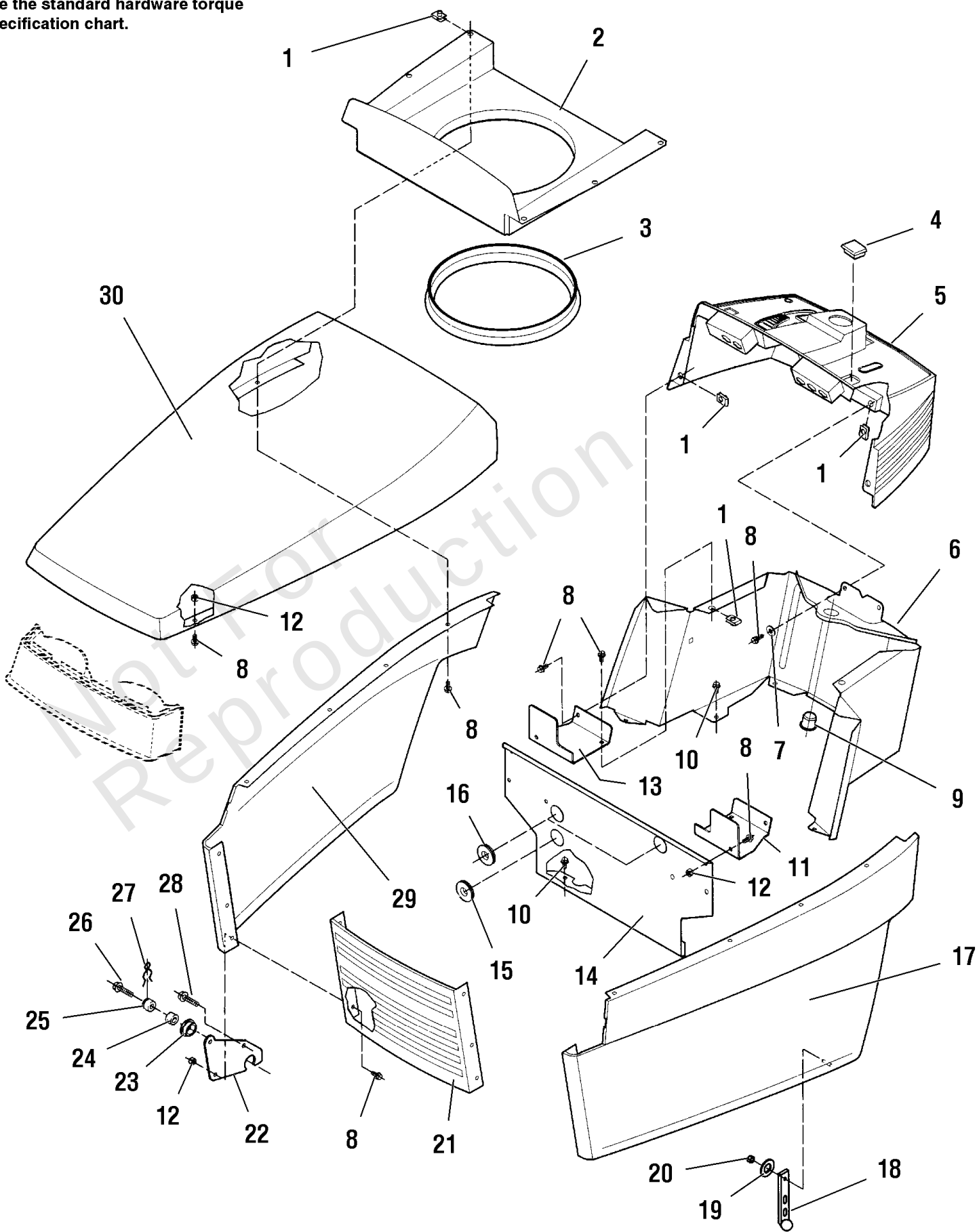
REF NO	PART NO	QTY	DESCRIPTION
1	1931337SM	2	CARRIAGE BOLT, 5/16-18 x 1-1/2
2	1924356SM	1	WASHER, Plain, 13/32 x 1-1/2 x 1/8
3	1705590SM	1	SPACER -Special
4	1919381SM	2	WASHER, Plain, 5/16
5	1919438SM	3	NUT, Hex, Esna, Lock, 5/16-18
6	1713843SM	2	KNOB, Plastic
7	1686730SM	1	ROD, Lift Handle -(Incl. Ref. No. 6)
8	1704623SM	1	LINK, Lift Upper
9	1704756A	1	LINK, Lift, Upper Transport
10	1918447SM	3	COTTER PIN
11	1704624SM	1	LINK, Lift
12	1704825SM	1	CAM, Lift Assy.
13	1960044SM	3	WASHER-0.312(0.33IDX1
14	1704629SM	1	SPACER -Special
15	1677746SM	1	SPRING, Compression
16	1917372SM	2	NUT, Hex, 5/16-18
17	1917356SM	2	LOCKWASHER, 5/16
18	1709140SM	1	WASHER, 1/2
19	1709043SM	1	SPACER
20	1709211	1	STUD, 5/16-18 x 3-1/4
21	1931317SM	2	CARRIAGE BOLT, 1/4-20 x 3/4
22	1704620SM	1	BRACKET, Tension
23	1921319SM	2	WASHER, Plain, 1/4
24	1916964SM	2	LOCKWASHER, 1/4
25	1916622SM	2	NUT, Hex, 1/4-20
26	1709978	1	SHIFT LEVER ASSY.
27	1924361SM	1	WASHER, Plain
28	1685700SM	1	LEVER, Shift -(Incl. Ref. No. 6).
29	1713100SM	1	SPRING, Torsion
30	1704428SM	2	BUSHING, Plastic, 1/2 Dia.
31	2176440SM	1	BUSHING-0.765IDX
32	1960206SM	1	WASHER, 1/2

Hood, Grille & Dash

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



Hood, Grille & Dash

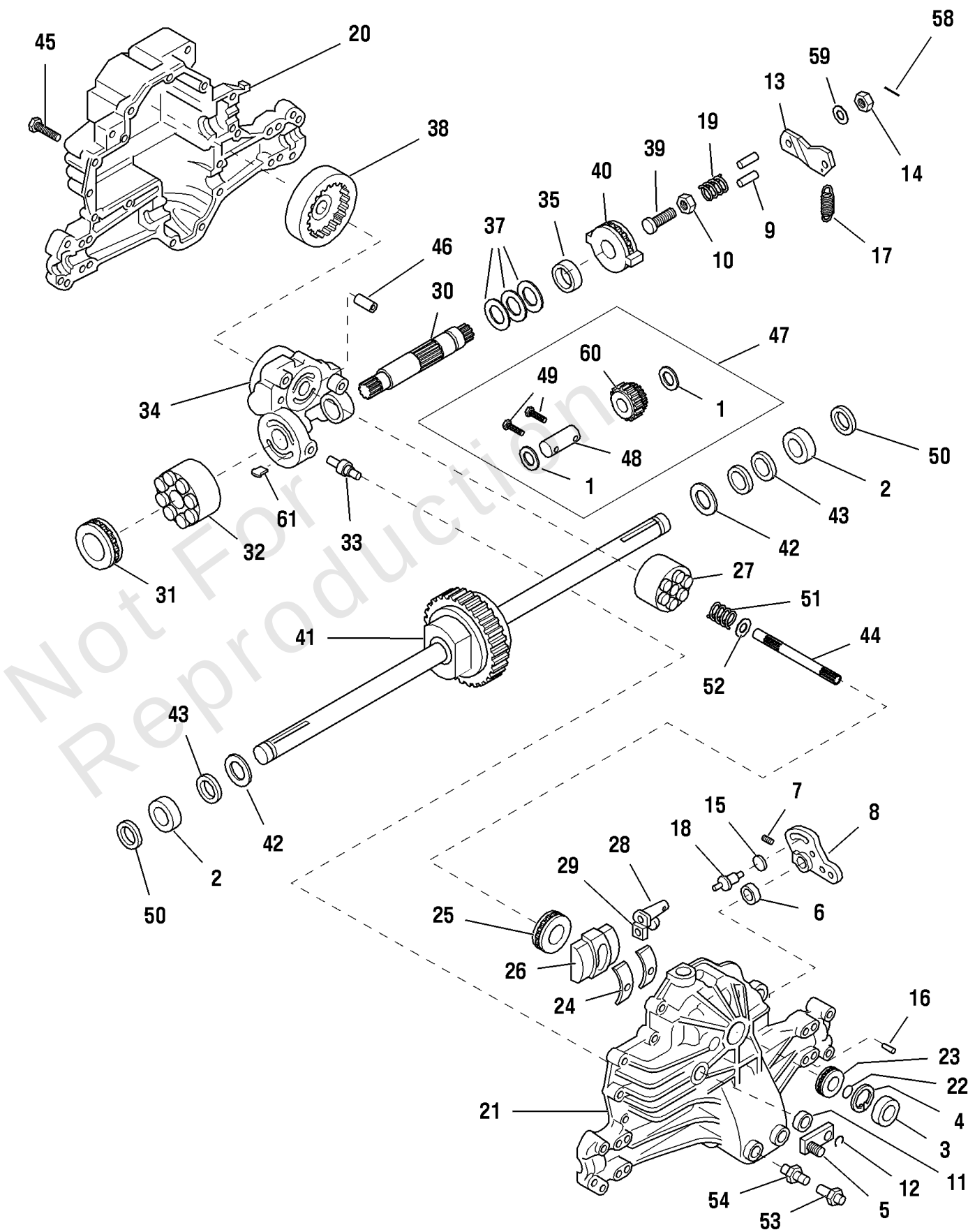
REF NO	PART NO	QTY	DESCRIPTION
1	1960368SM	6	PAL NUT, 1/4-20
2	1707325SM	1	AIR DUCT
3	1707326SM	1	MOLDING, Air Duct
4	1709188SM	1	PLUG, BLACK PLASTIC
5	1686642SM	1	DASH ASSY.
6	1709238ASM	1	DASH, Lower
7	1921319SM	2	WASHER, Plain, 1/4
8	1960295SM	20	CAPSCREW, Whizlock, 1/4-20 x 5/8
9	2176440SM	1	BUSHING-0.765IDX
10	1925003SM	8	SCREW, Taptite, 1/4-20 x 1/2
11	1719845SM	1	SUPPORT, Bulkhead, LH
12	1920397SM	8	NUT, Hex, Nylon, Lock, 1/4-20
13	1719978SM	1	SUPPORT, Bulkhead, RH
14	1722006SM	1	BULKHEAD
15	1704927SM	1	GROMMET, Wire Harness
16	1704342SM	1	GROMMET, Bulkhead
17	1704879CSM	1	SIDE PANEL ASSY., LH, Orange
17	1704879DSM	1	SIDE PANEL ASSY., LH, Red
18	2171600SM	2	STRAP, Hood
19	1960096SM	2	WASHER -Special
20	1933896SM	2	NUT, Hex, Nylon, Lock, #10-24
21	1721203SM	1	GRILLE
22	1716128SM	2	HINGE, Hood
23	1704626SM	2	SPACER, Hood
24	1705249SM	2	SPACER
25	1705248SM	2	PIVOT, Hood
26	1960373SM	2	SCREW, Taptite, 5/16-18 x 1
27	1704628SM	2	CLIP, Hairpin
28	1930601SM	2	SCREW, Taptite, 5/16-18 x 5/8
29	1704878CSM	1	SIDE PANEL ASSY., RH, Orange
29	1704878DSM	1	SIDE PANEL ASSY., RH, Red
30	1703240SM	1	HOOD, Orange
30	1729505SM	1	HOOD, Red

Hydrostatic Transaxle Service Parts - Hydro Gear Models 312-0800CT

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



Hydrostatic Transaxle Service Parts - Hydro Gear Models 312-0800CT

REF NO	PART NO	QTY	DESCRIPTION
1	1715169SM	2	WASHER, 7/16 x 1 x 1/2
2	1706116SM	2	BALL BEARING -(Model 312-0800CT)
3	1706173SM	1	SEAL, Lip
4	1706174SM	1	RETAINING RING
5	1709907SM	1	ARM, Bypass
6	1709908SM	1	SEAL, Lip
7	1709910SM	1	SETSCREW
8	1709911SM	1	ARM, Control
9	1709915SM	2	PIN, Actuating
10	1709919SM	1	NUT, Hex, Lock, 5/16-24
11	1709921SM	1	SEAL, Lip
12	1709922SM	1	RETAINING RING
13	1713618SM	1	ARM, Actuating
14	1714431SM	1	CASTLE NUT, 5/16-24
15	1714737SM	1	PUCK, Dampener
16	1714742SM	1	DRIVE PIN
17	1714743SM	1	SPRING, Extension
18	1714744SM	1	STUD, 5/16-24
19	1714808SM	1	SPRING, Compression
20	1715139	1	HOUSING, Lower
21	1715140SM	1	HOUSING, Upper
22	1715141SM	1	RING, Wire
23	1715142SM	1	BALL BEARING, Shaft
24	1715143SM	2	BEARING, Cradle
25	1715144SM	1	BEARING, Thrust
26	1715145SM	1	SWASHPLATE
27	1715146SM	1	BLOCK, Cylinder
28	1715147SM	1	ARM, Trunnion
29	1715148SM	1	GUIDE, Slot
30	1715149SM	1	SHAFT, Motor -(Model 312-0800CT)
31	1715274SM	1	BEARING, Thrust
32	1715276SM	1	BLOCK, Cylinder
33	1715152SM	1	ACTUATOR, Bypass
34	1715797SM	1	CENTER SECTION ASSY. -(Model 312-0800CT)
35	1715154SM	1	SEAL, Lip
36	1715155SM	1	RETAINING RING
37	1715156SM	2	WASHER, 17/64 x 23/64 x 1
38	1715157SM	1	ELEMENT, Oil Filter
39	1715158SM	1	BOLT, 5/16-18 x 1-3/4
40	1715159SM	4	BRAKE ROTOR/STATOR KIT
41	1717961SM	1	DIFFERENTIAL ASSY.
42	1715161SM	2	WASHER, 3/4 X 1-1/2 X 1/32
43	1715162SM	2	SEAL, 3/4 X 1-1/4 X 1/4
44	1715163SM	1	SHAFT, Input
45	1715164SM	21	BOLT, 1/4-20 x 1-3/8
46	1715165SM	2	PIN, 1/2 O.D. x 7/16 I.D. x 3/4

Footnotes:

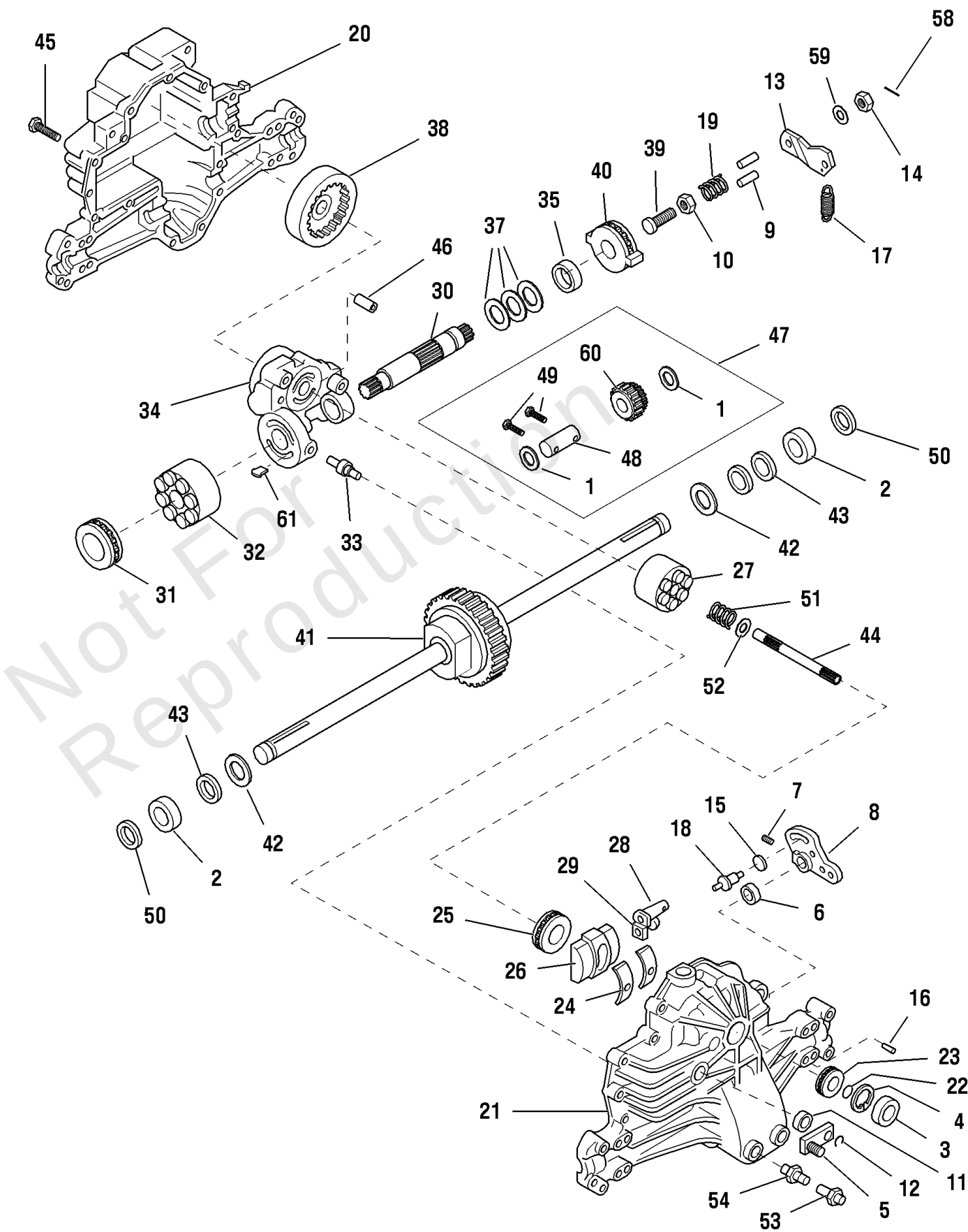
Note:* Not serviced separately, order complete Jack Shaft/Pinion Gear Assembly.

Hydrostatic Transaxle Service Parts - Hydro Gear Models 312-0800CT

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



Hydrostatic Transaxle Service Parts - Hydro Gear Models 312-0800CT

REF NO	PART NO	QTY	DESCRIPTION
47	1715166SM	1	JACK SHAFT/PINION GEAR ASSY. -(Incl. Ref. Nos. 1, 48, 49 & 60)
48	1715167SM	1	JACK SHAFT
49	1715168SM	2	CAPSCREW, 6 mm x 13/64
50	1715170SM	6	SEAL, Wiper
51	1715171SM	1	SPRING, Block
52	1715172SM	1	WASHER, Block Thrust
53	1715173SM	1	VENT CAP ASSY.
54	1715174SM	1	FITTING & O-RING ASSY.
58	1918447SM	1	COTTER PIN
59	1924874SM	1	WASHER, 7/16 x 7/8 x 51/64
60	-----	1	PINION GEAR (See Ref. No. 47)
61	1715233SM	1	BYPASS PLATE

Not For
Reproduction

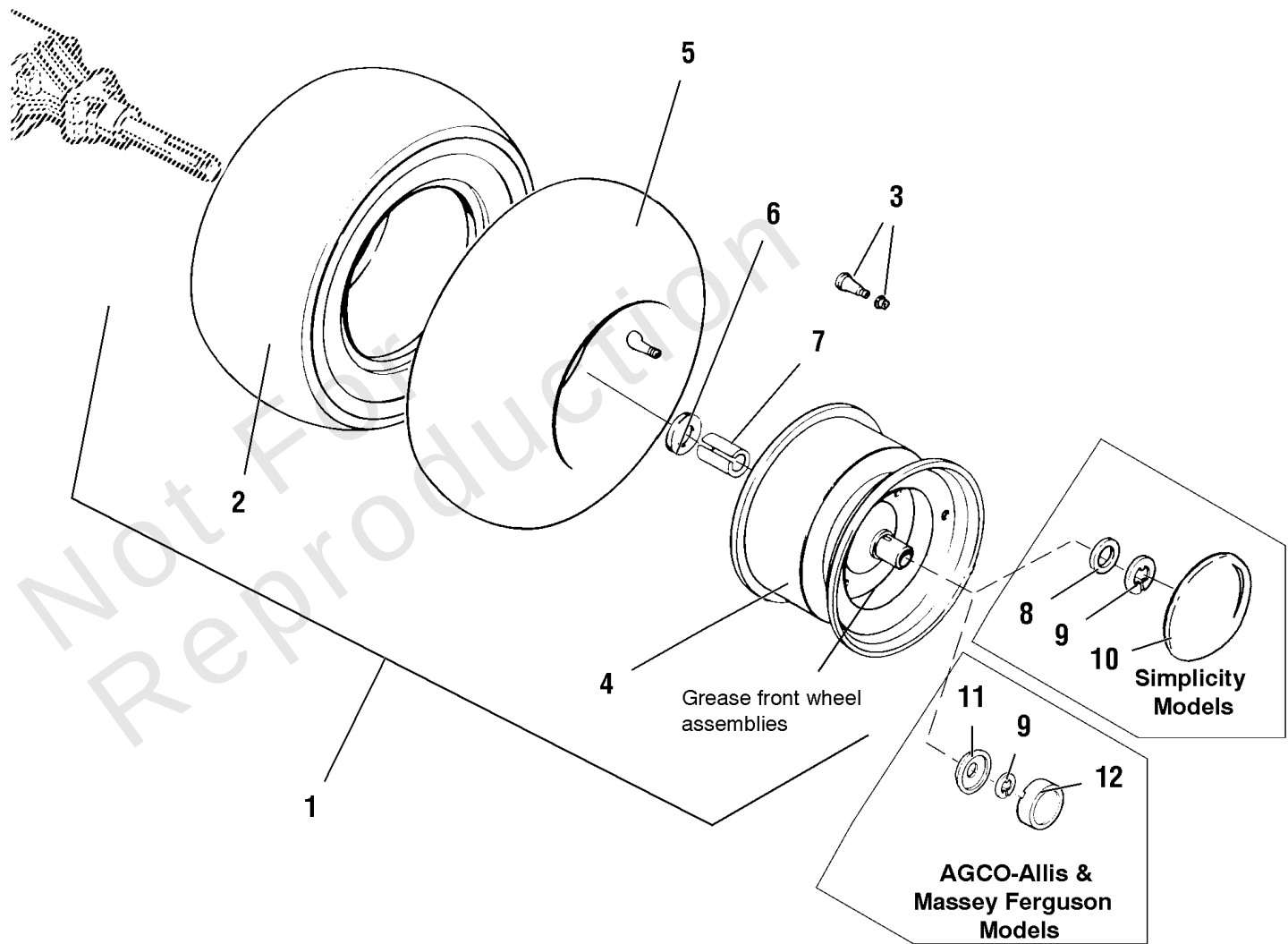
Footnotes:

Note:* Not serviced separately, order complete Jack Shaft/Pinion Gear Assembly.

Rear Wheels & Tires

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 1692810

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



Rear Wheels & Tires

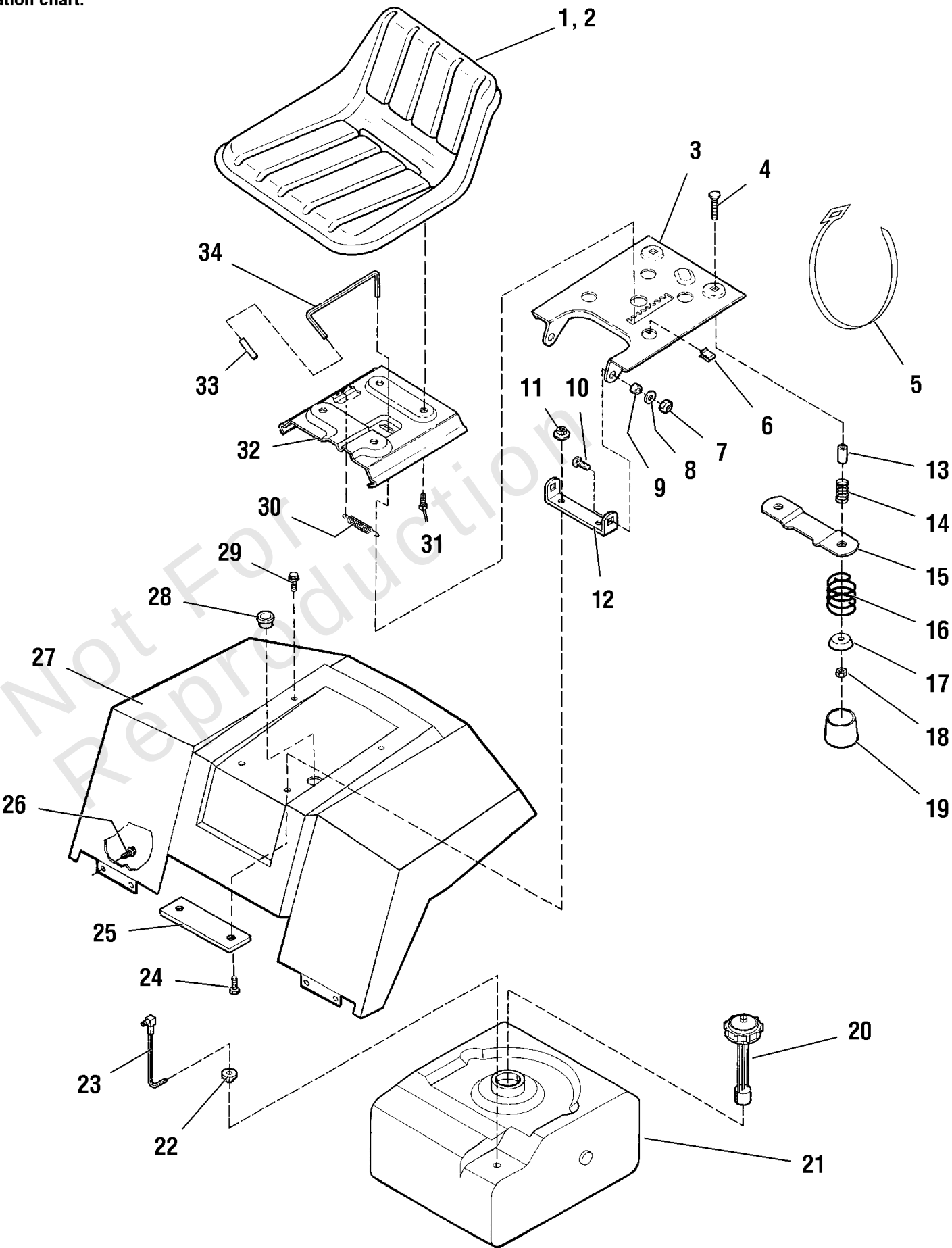
REF NO	PART NO	QTY	DESCRIPTION
1	1716134SM	2	WHEEL & TIRE ASSY., 20 x 8.00-8 -(Incl. Ref. Nos. 2, 3 & 4)
2	1715235SM	2	TIRE, 20 x 8.00-8
3	2172353SM	2	VALVE STEM & CAP
4	1716132SM	2	WHEEL ASSY., 20 x 8.00-8
5	2173477SM	2	TUBE -(Service only)
6	1960160SM	2	WASHER, 3/4 -(Install to the inside of wheel)
7	1667191SM	2	SPACER
8	1960114SM	2	WASHER, 3/4 -(Simplicity Models - Install to the outside of wheel)
9	2827794SM	2	KLIPRING, .75 Dia Shaft -(Simplicity Models, AGCO-Allis & Massey Ferguson Models)
10	1714926SM	2	HUB CAP, 8" -(Simplicity Models)
11	1701435SM	2	RETAINER, Cap, Hub -(AGCO-Allis & Massey Ferguson Models)
12	1696519	2	CAP, Hub -(AGCO-Allis & Massey Ferguson Models)

Seat, Deck & Fuel Tank

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



Seat, Deck & Fuel Tank

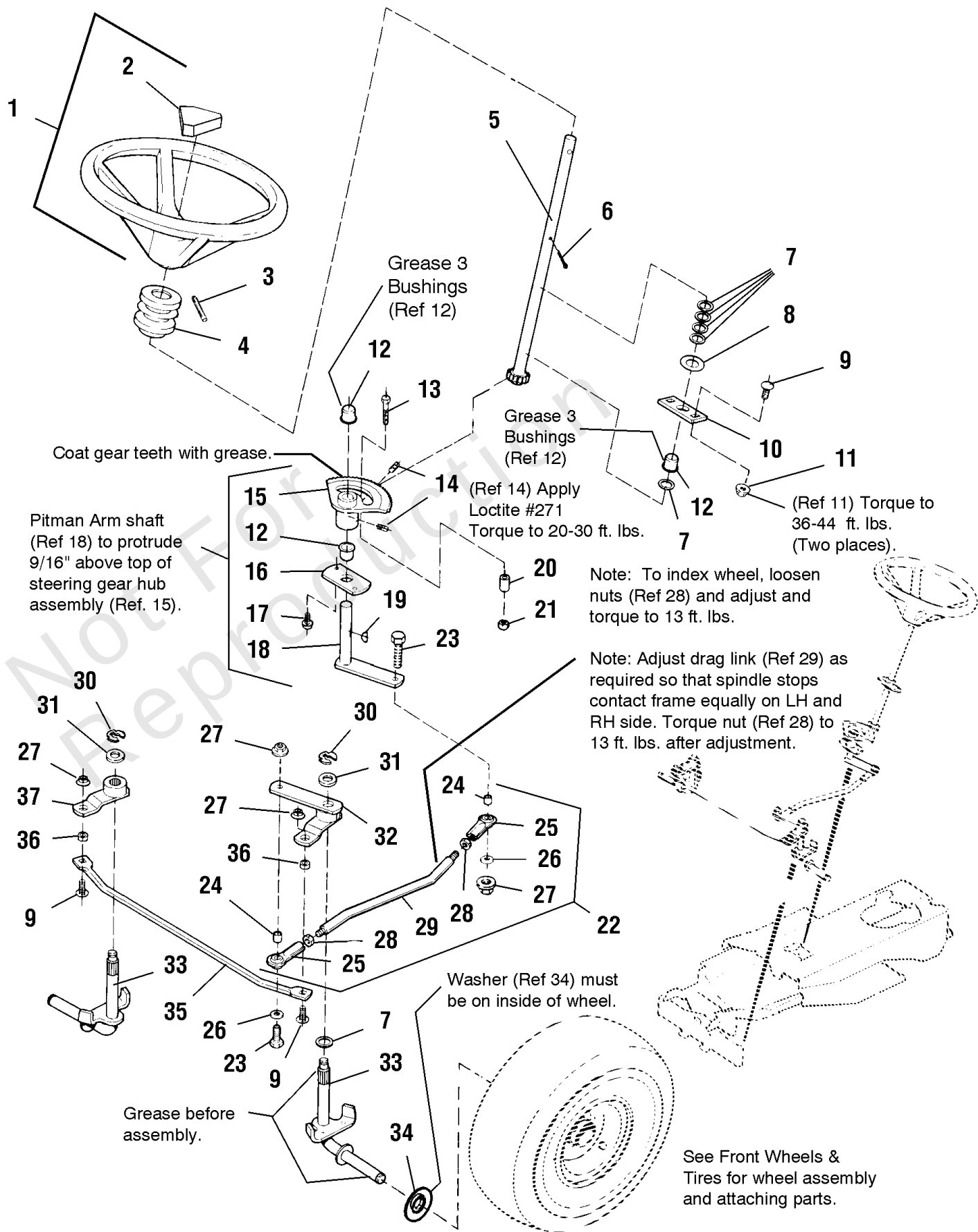
REF NO	PART NO	QTY	DESCRIPTION
1	1687020SM	1	MILSCO SEAT SERVICE K -(Incl. Ref. No. 2)
2	1714483SM	1	COVER, High-Back Seat
3	1709307SM	1	SUPPORT, Seat Pivot
4	1931339SM	2	CARRIAGE BOLT, 5/16-18 x 2
5	1701011SM	1	TIE, Self-locking, 15" long
6	935112	1	CLIP, Speed
7	1919439SM	2	NUT, Hex, Nylon Lock, 3/8-16
8	1924940SM	2	WASHER, Plain, 13/32
9	1663752SM	2	SPACER, 25/64 x 5/8 x 3/16
10	1931350SM	2	BOLT, RD HD SH SQ NK
11	1928352SM	2	NUT, Hex, Flange, Whizlock, 5/16-18 x 1/2
12	1718858SM	1	BRACKET, Seat Pivot
13	1704299SM	2	SPACER
14	1709308SM	2	SPRING, Compression
15	1719809SM	1	PLATE, Switch
16	1704728SM	2	SPRING, Compression
17	1709256SM	2	WASHER, Spring, 5/16 x 1 1/4
18	1919438SM	2	NUT, Hex, Nylon Lock, 5/16-18
19	1704724SM	2	COVER, Spring
20	1704366SM	1	CAP, Fuel Gauge
21	1708054SM	1	TANK, Fuel
22	1654930SM	1	BUSHING
23	1704108SM	1	ELBOW & TUBE ASSY.
24	1960459SM	2	SCREW, Truss Hd., Torx drive, 3/8-16 x 1
25	1708361SM	1	PLATE, Reinforcement
26	1925003SM	4	SCREW, Taptite, 1/4-20 x 1/2
27	1686785SM	1	SEAT DECK, Orange
27	1687167SM	1	SEAT DECK, Red
28	1701229SM	1	BUSHING, Snap
29	1930601SM	2	SCREW, Taptite, 5/16-18 x 5/8
30	1707137SM	1	SPRING, Extension
31	1931648SM	4	BOLT, Hex, Whizlock, 5/16-18 x 5/8
32	1714441SM	1	BRACKET, Seat Slide
33	1704723SM	1	HANDLE, Grip
34	1719712SM	1	LEVER, Seat Release

Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



Steering

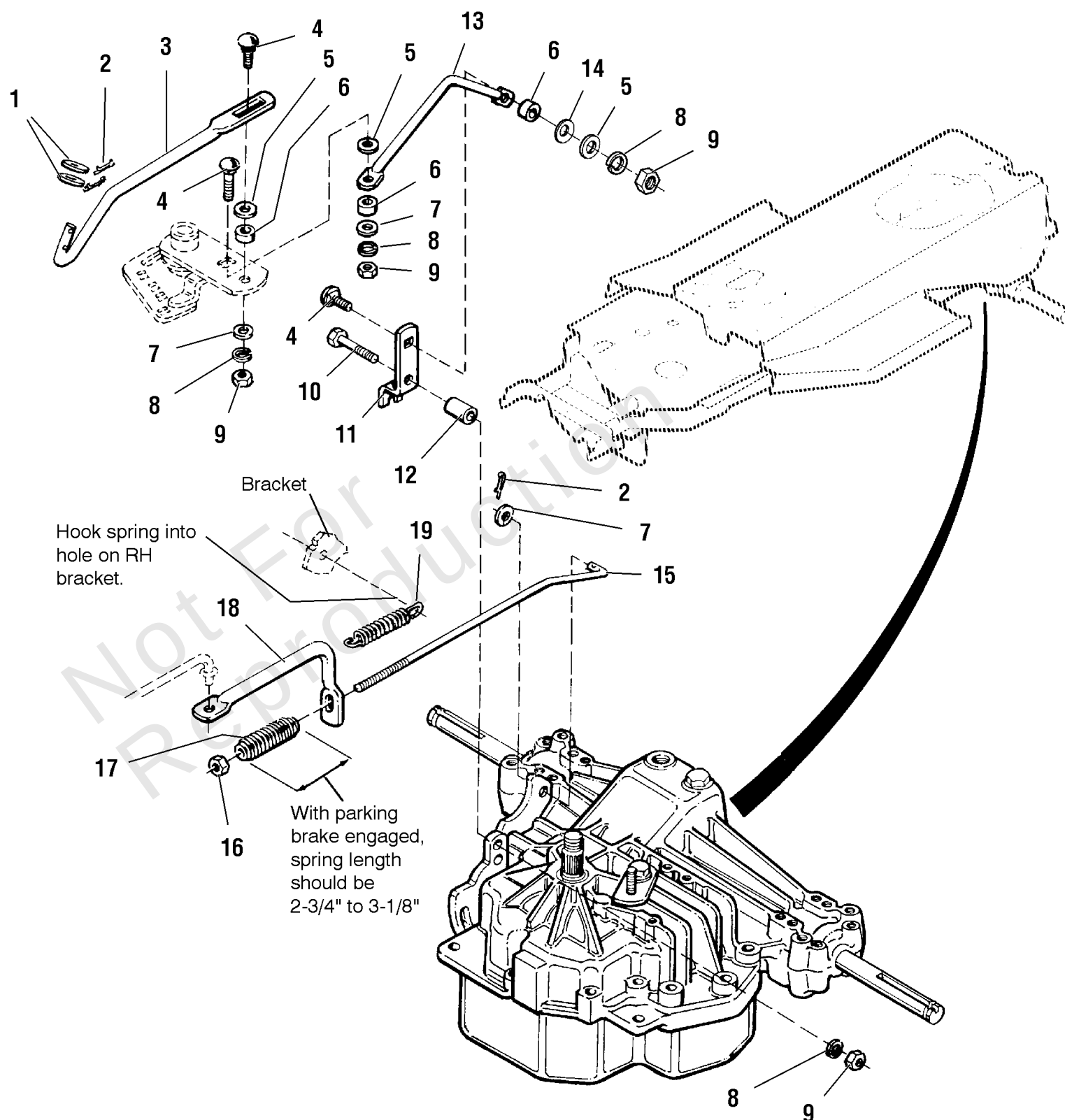
REF NO	PART NO	QTY	DESCRIPTION
1	1686651SM	1	STEERING WHEEL ASSY. -(Incl. Ref. Nos. 2 & 3)
2	1714097SM	1	CAP, Steering Wheel
3	1960540SM	1	PIN, Spring, 5/8 x 2
4	1714400SM	1	TUBE, Steering
5	1718539SM	1	SHAFT ASSY., Steering
6	1919314SM	1	COTTER PIN, 3/16 x 1-1/4
7	1960114SM	7	WASHER, Plain, 49/64
8	2173668SM	1	WASHER, Plain
9	1931350SM	4	BOLT, RD HD SH SQ NK
10	1703508ASM	1	PLATE, Mounting, Steering
11	1930645SM	2	NUT, Hex, Flange, 3/8-16 -Torque to 36-44 ft. lbs. (Two places).
12	2176440SM	3	BUSHING-0.765IDX
13	1921221SM	1	CAPSCREW, Hex, 5/16-18 x 1-1/2
14	1928721SM	2	SETSCREW, Sq. Hd., 5/16-18 x 1/2 -Apply Loctite #271 Torque to 20-30 ft. lbs.
15	1686824SM	1	GEAR ASSY., Steering
16	1716117A	1	SECTOR MOUNTING PLATE -Pitman Arm shaft (Ref.18) to protrude 9/16" above top of steering gear hub assembly (Ref. 15).
17	1960373SM	2	SCREW, Taptite, 5/16-18 x 1 -Pitman Arm shaft (Ref.18) to protrude 9/16" above top of steering gear hub assembly (Ref. 15).
18	1703512SM	1	PITMAN ARM ASSY. -Pitman Arm shaft (Ref.18) to protrude 9/16" above top of steering gear hub assembly (Ref. 15).
19	2830670SM	1	KEY, Hi Pro
20	1673796SM	1	SPACER, Stop
21	1919438SM	1	NUT, Hex, ESNA Lock, 5/16-18
22	1685478SM	1	DRAG LINK KIT, -(Incl. Ref. Nos. 23, 24, 25, 26, 27, 28 & 29)
23	1921968SM	2	CAPSCREW, Hex, 3/8-16 x 1-3/8
24	1708236SM	2	SPACER
25	1702779SM	2	JOINT-BALL .500-20 TH
26	1922755SM	3	WASHER
27	1919439SM	4	NUT, Hex, ESNA Lock, 3/8-16
28	1919262SM	2	JAM NUT, Hex, 1/2-20 -To index wheel, loosen nut (Ref 28) and adjust and torque to 13 ft. lbs.
29	1708084A	1	DRAG LINK
30	1704420SM	2	KLIP RING, 5/8
31	1960020SM	2	WASHER, Plain, 21/32
32	1706997SM	1	STEERING ARM ASSY., LH, Splined
33	1715308ASM	2	SPINDLE ASSY., Splined (with welded cup washer)
34	2860160	2	WASHER -Special
35	1706956SM	1	TIE ROD
36	1611705SM	2	SPACER-0.385IDX0
37	1706996SM	1	STEERING ARM ASSY., RH, Splined

Transmission - Control Rod Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



Transmission - Control Rod Group

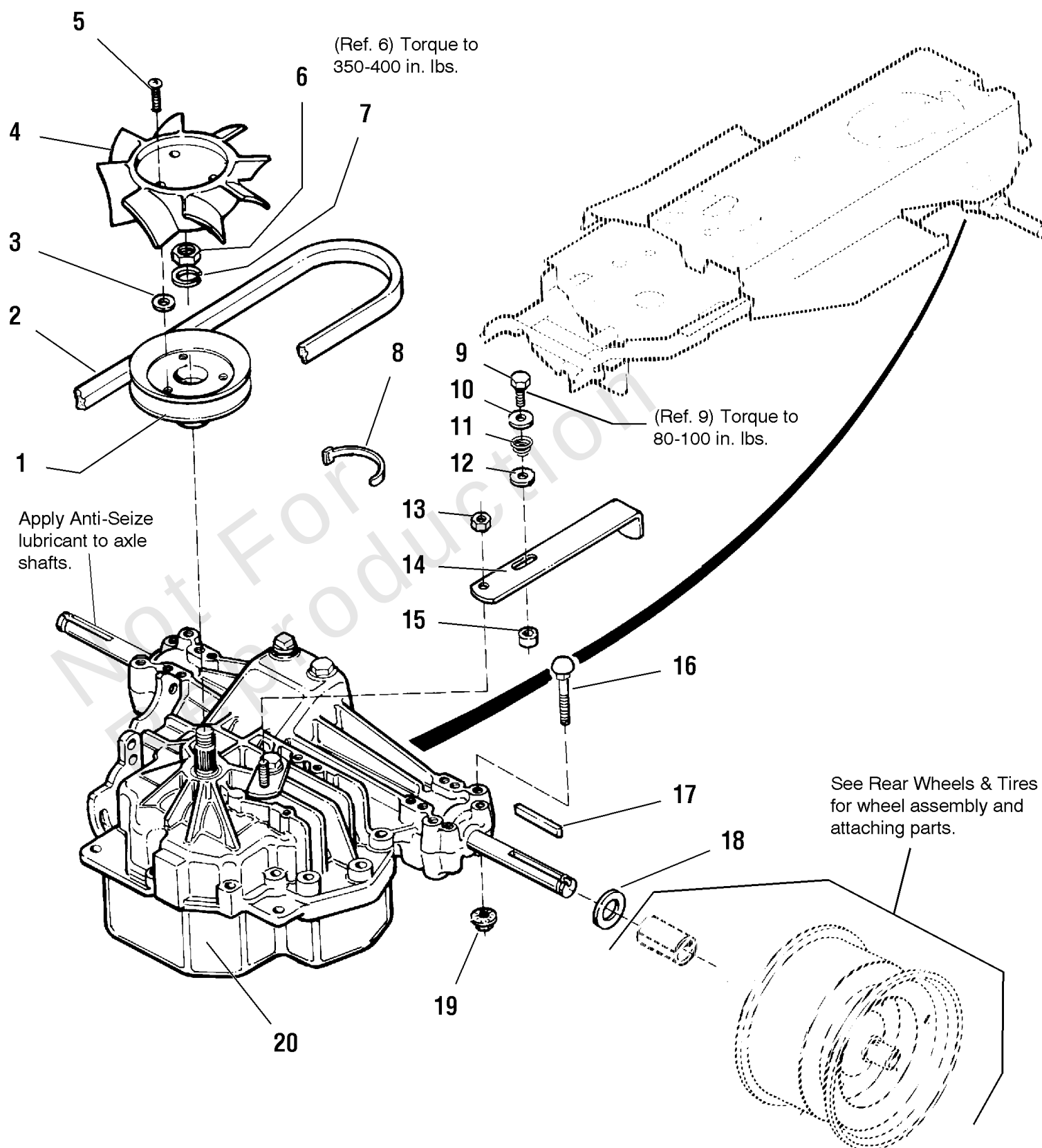
REF NO	PART NO	QTY	DESCRIPTION
1	1924361SM	2	WASHER, 17/32 x 1-1/4 x 5/64
2	1918447SM	3	COTTER PIN
3	1715263SM	1	ROD, Shift, Front
4	1960223SM	3	BOLT-RD HD SH SQ NK 5
5	1919381SM	3	WASHER, 11/32 x 1 x 1/8
6	1710437SM	3	SPACER
7	1919326SM	3	WASHER, 5/16
8	1917356SM	4	LOCKWASHER, 5/16
9	1917372SM	4	NUT, Hex, Full, 5/16-18
10	1922127SM	1	SCREW, Hex Head Cap, 5/16-18 x 1 3/4
11	1709226SM	1	LEVER, Control
12	1709227SM	1	SPACER
13	1709892SM	1	ROD, Shift, Rear
14	1668681SM	1	WASHER, Curved
15	1715735SM	1	ROD, Brake
16	1919438SM	1	NUT, Hex, Nylon Lock, 5/16-18
17	1709097SM	1	SPRING
18	1709896SM	1	GUIDE, Rod
19	2159106SM	1	SPRING, Brake Arm

Transmission - Drive & Belt Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



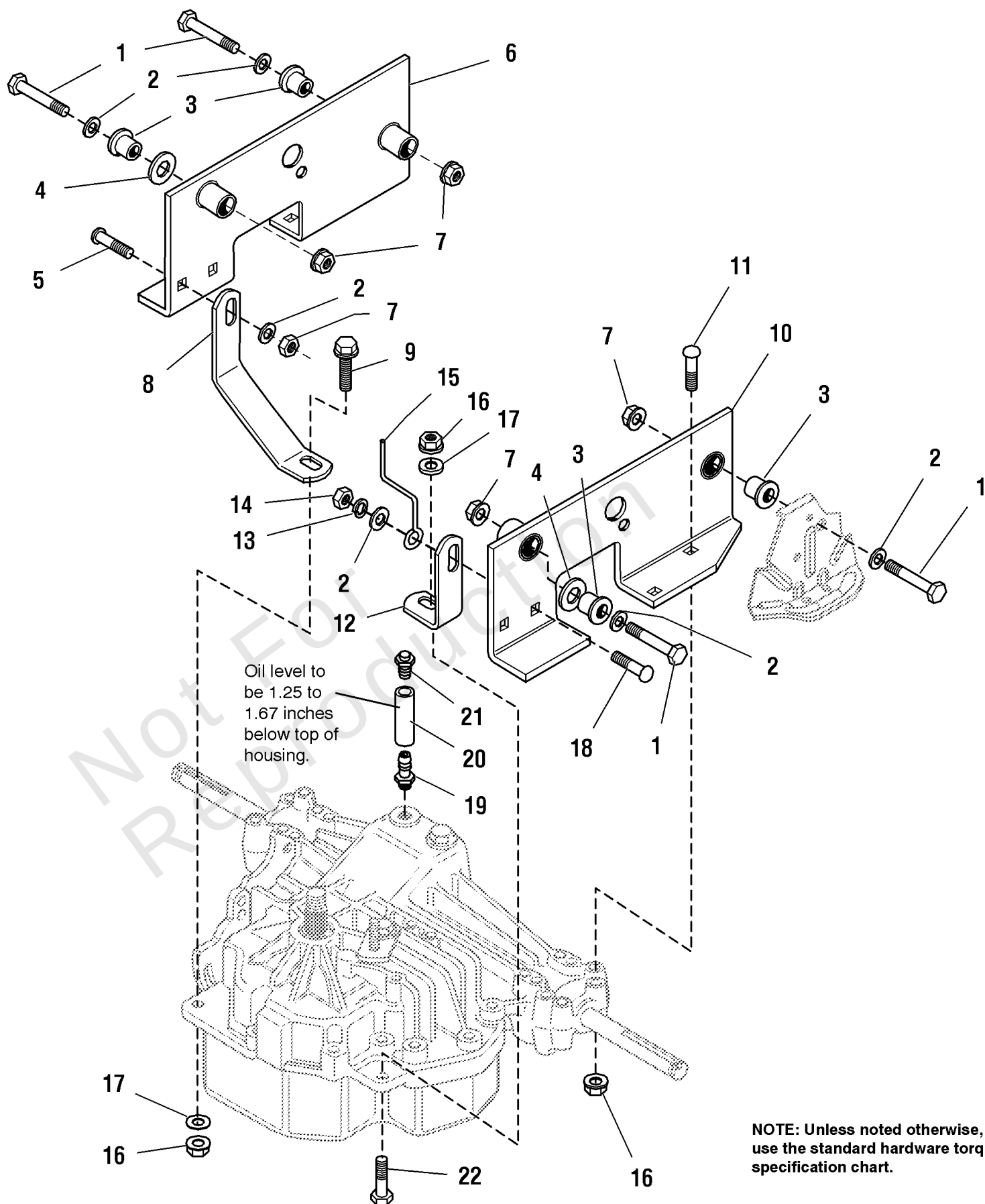
Transmission - Drive & Belt Group

REF NO	PART NO	QTY	DESCRIPTION
1	1709786SM	1	PULLEY ASSY.
2	1672135SM	1	BELT, Drive
3	1921319SM	3	WASHER, Plain, 1/4
4	1707933SM	1	FAN
5	1933958SM	3	SCREW, Taptite, 1/4-20 x 1-1/8
6	1919262SM	1	JAM NUT, Hex, 1/2-20 -Torque to 350-400 in. lbs.
7	1916966SM	1	LOCKWASHER, Spring, 1/2
8	1701011SM	1	TIE, Cable
9	1960509SM	1	SCREW, Taptite, #10-24 x 1-1/4 -Torque to 80-100 in. lbs.
10	1960151SM	1	WASHER, 1/4 x 1-1/4 x 1/16
11	2157127SM	1	SPRING, Conical
12	2860210SM	1	WASHER -Special
13	1920397SM	1	NUT, Hex, Full, Lock, 1/4-20
14	1709902SM	2	LEVER
15	1709901SM	1	SPACER
16	1931342SM	4	CARRIAGE BOLT, 5/16-18 x 2-3/4
17	1729279SM	2	KEY
18	1960160SM	2	WASHER, 3/4
19	1935048SM	4	NUT, Hex Flange, small, 2-way lock, 5/16-18
20	1686786SM	1	TRANSAXLE, Hydro Gear 312-0800CT -See "Hydrostatic Transaxle Service Parts - Hydro Gear Models 312-0800CT" illustration and parts list for service parts.

Transmission - Support & Mounting Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1692810



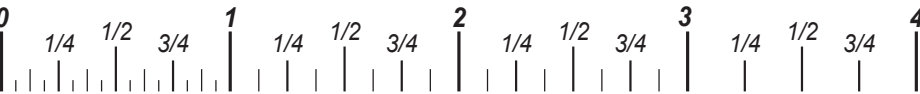
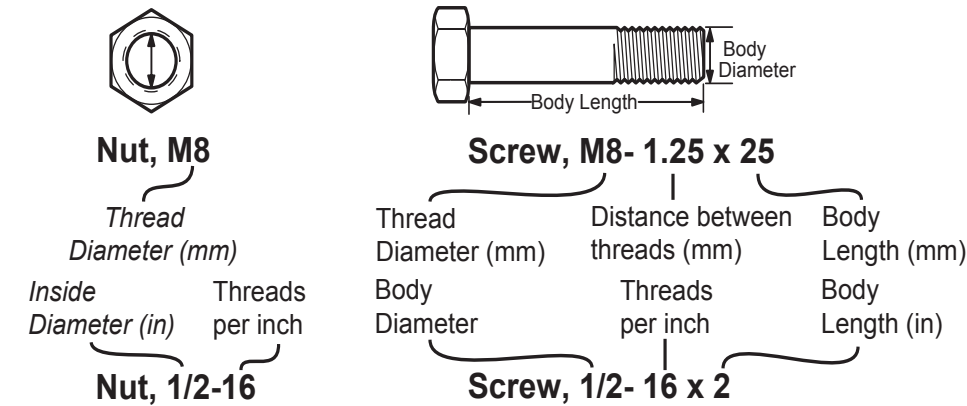
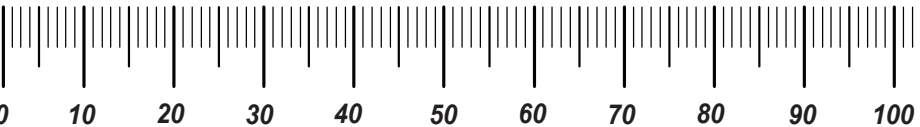
Transmission - Support & Mounting Group

REF NO	PART NO	QTY	DESCRIPTION
1	1923701SM	4	CAPSCREW, Hex H.D., 3/8-16 x 2
2	1924940SM	6	WASHER, Plain, 3/8
3	1715511SM	4	BUSHING
4	2860156SM	2	WASHER, Plain, 1 x 1-3/4
5	1931350SM	1	BOLT, RD HD SH SQ NK
6	1715534SM	1	SUPPORT, Trans. Asst. R.H.
7	1930645SM	5	NUT, Hex Flange, small, 2-way lock, 3/8-16
8	1715508SM	1	TORQUE STRAP, R.H.
9	1935159SM	1	SCREW, Hex Whizlock, 5/16-18 x 2-1/4
10	1715533SM	1	SUPPORT, Trans. Asst. L.H.
11	1931342SM	4	CARRIAGE BOLT, 5/16-18 x 2-3/4
12	1715509ASM	1	TORQUE STRAP, L.H.
13	1916965SM	1	LOCKWASHER, 3/8
14	1916950SM	1	NUT, Hex, 3/8-16
15	1715541SM	1	BELT STOP
16	1935048SM	6	NUT, Hex Flange, Small, 2-way lock, 5/16-18
17	1919381SM	2	WASHER, 5/16
18	1960268SM	1	CARRIAGE BOLT, 3/8-16 X 1-1/4
19	1715173SM	1	FITTING, Vent
20	1713322SM	1	TUBE, Vent
21	1715174SM	1	PLUG, Vent
22	1921221SM	1	CAPSCREW, Hex H.D. 5/16-18 x 1-1/2

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).

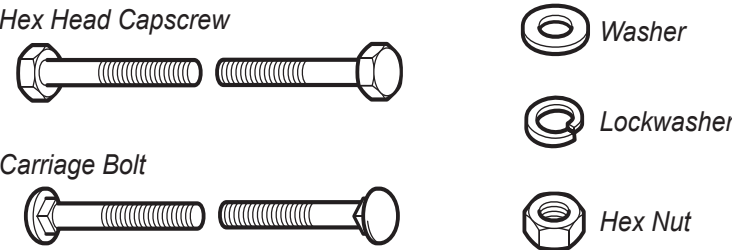
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

