



Parts Manual

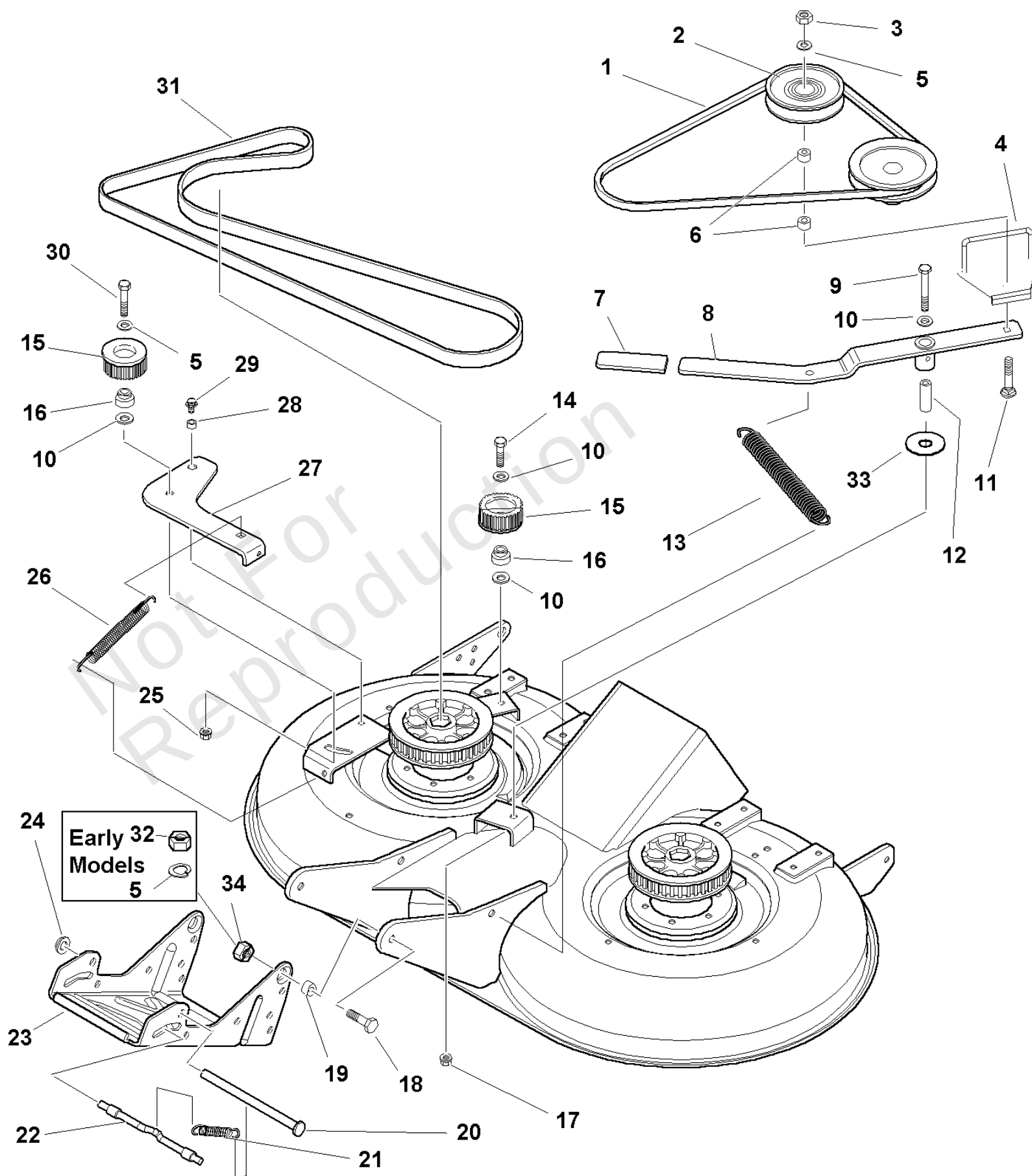
Mfg. No: 1693584

Baron, 18HP Hydro and 40" Mower Deck
(Rear Discharge)

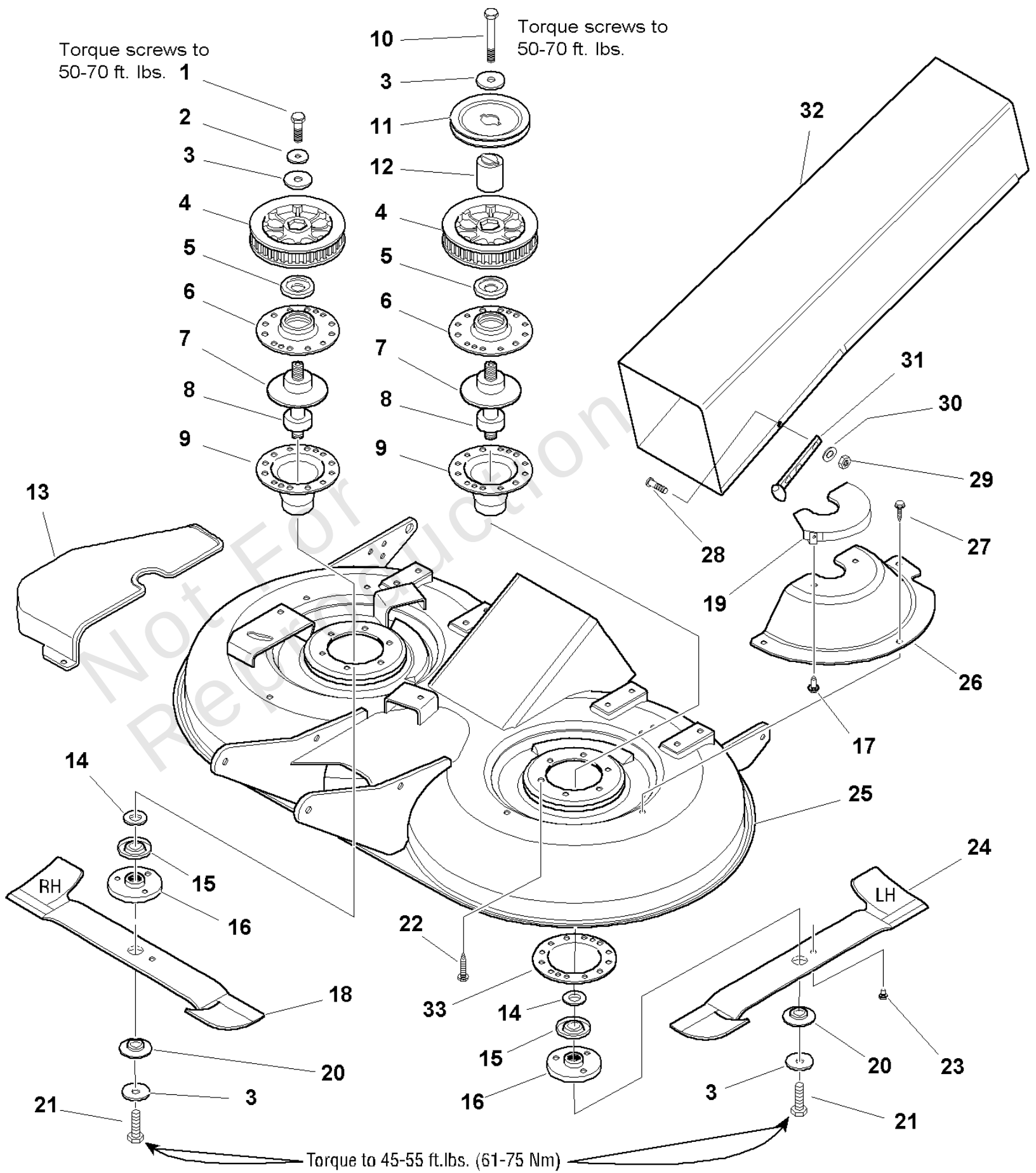
1693585 - 40" Mower Deck (Rear Discharge).....	
1693583 - Baron, 18HP Hydro.....	

Not For
Reproduction

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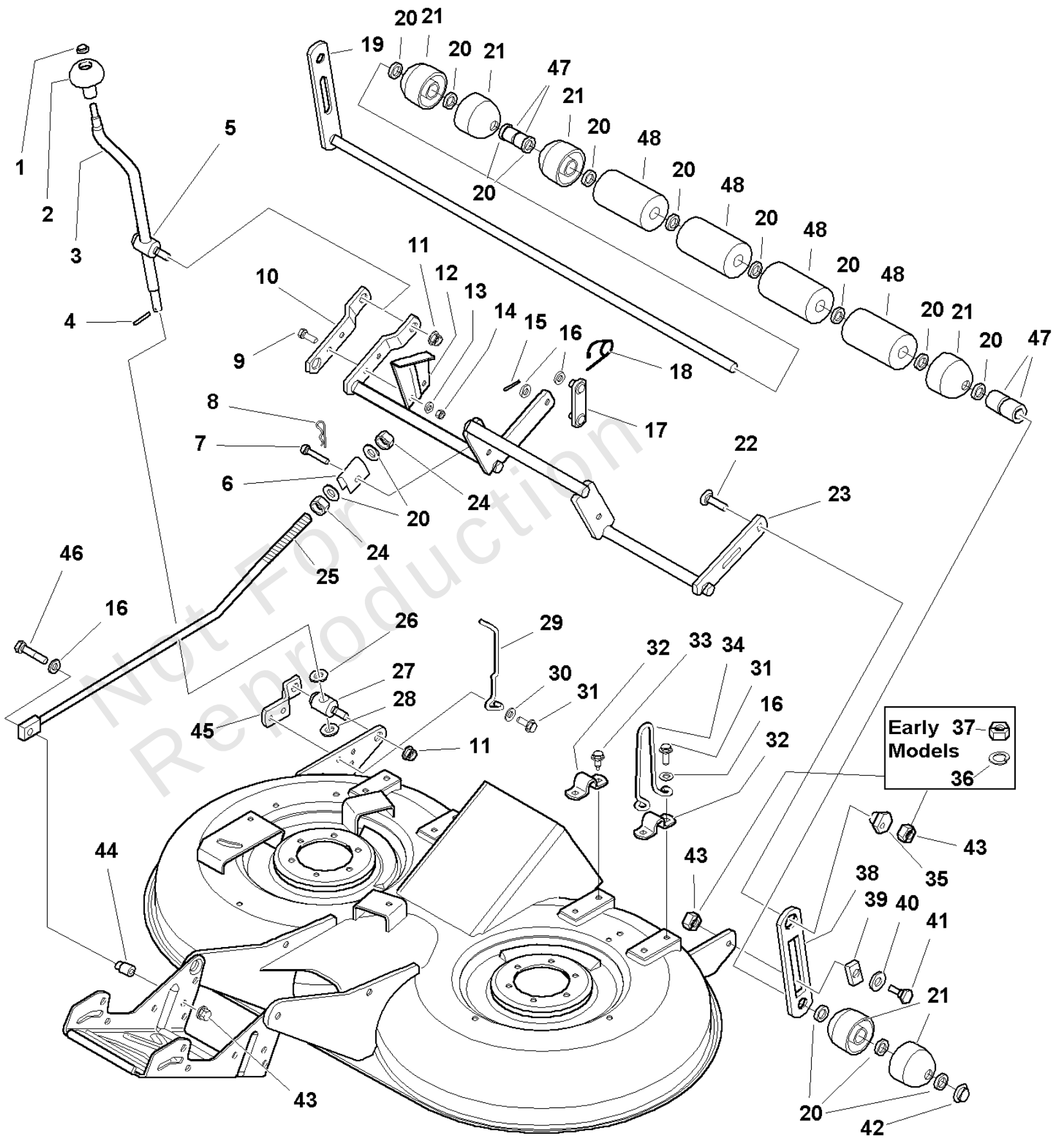


REF NO	PART NO	QTY	DESCRIPTION
1	1721533SM	1	V-BELT, Mower Drive, PTO
2	2101096SM	1	PULLEY
3	1919439SM	2	NUT, Hex Lock ESNA Light, 3/8-16
4	1722175ASM	1	STOP, Belt
5	1924940SM	4	WASHER, 3/8
6	2157081SM	2	SPACER
7	1719965SM	1	GRIP, Black Vinyl
8	1720444SM	1	ARM ASSEMBLY, Idler w/Bushings & Lube
9	1960614SM	1	CAPSCREW, Hex Head, 3/8-16 x 2-3/4 G8
10	1922755SM	6	WASHER, 3/8
11	1960615SM	1	BOLT-RD HD SQ NK 3/8
12	1657242SM	1	SPACER
13	1715435SM	1	SPRING, EXTENSION, 1.
14	1921971SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
15	1719562SM	2	PULLEY, Idler 22 Teeth
16	1719221SM	2	HUB
17	1928352SM	1	NUT, Hex Flange Whizlock, 3/8-16
18	1921969SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/2
19	2172329SM	2	SPACER
20	1713578SM	1	ROD, Mower Hitch
21	2156302	1	SPRING
22	1715759SM	1	ROD, 3/8 x 8
23	1720044ASM	1	HITCH, Mower
24	1960519SM	1	NUT, Push On
25	1721425SM	1	WASHER & LOCK NUT ASSEMBLY, 3/8-16
26	1674671SM	1	SPRING, Extension
27	1726387	1	ARM, Idler
28	1666697SM	1	SPACER
29	1930601SM	1	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
30	1923701SM	1	CAPSCREW, Hex Head, 3/8-16 x 2
31	1721117SM	1	BELT, Timing, Arbor Drive
32	1922694SM	2	NUT, Hex Lock ESNA Heavy, 3/8-16
33	1933263SM	1	WASHER
34	2860681SM	2	NUT, Hex Flange, 3/8-16



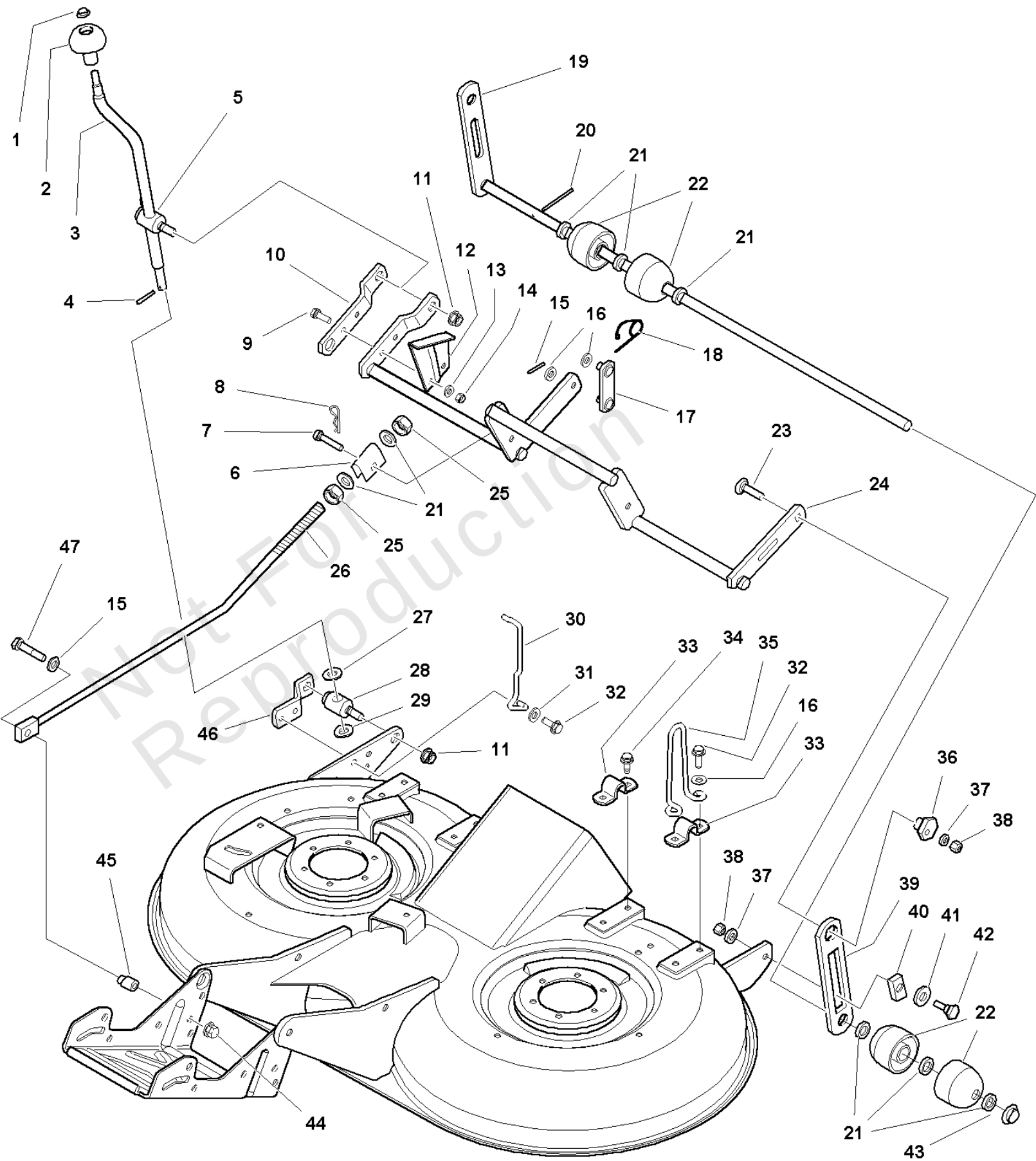
40"

REF NO	PART NO	QTY	DESCRIPTION
1	1936723SM	1	CAPSCREW, Hex Head, 7/16-14 x 1-3/4 G8
2	1933263SM	1	WASHER, 7/16
3	1656916SM	4	WASHER, SPRING 0.475I
4	1719766SM	2	SPROCKET & FLANGE ASSEMBLY, Rivited
5	1657969SM	2	SHIELD, Bearing Upper, Arbor
6	1655729ASM	2	HOUSING-ARBOR TOP - B
7	1707335SM	2	GASKET, Foam
8	1676278A	2	ARBOR SHAFT & BEARINGS ASSEMBLY
9	1703273ASM	2	HOUSING, Arbor Bottom w/Lube Fitting
10	1930585SM	1	CAPSCREW, Hex Head, 7/16-14 x 3-1/2 G8
11	1713091SM	1	PULLEY
12	1719862SM	1	HUB
13	1721153SM	1	COVER, Arbor RH
14	1700230SM	2	WASHER, Shim
15	1700229SM	2	SHIELD, Bearing, Mower Arbor Lower
16	1655777SM	2	ADAPTER, Blade 26, 30, 36, 42 & 48"
17	1675044SM	4	RIVET-POP.188 .429L A
18	1719737ASM	1	BLADE, Mower RH 40
19	1721258ASM	1	GUARD ASSEMBLY
20	1722257SM	2	WASHER, Spline
21	2823471SM	2	CAPSCREW, Hex Head, 7/16-14 x 1-1/4 G8
22	1960373SM	12	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1
23	1722258SM	2	PIN, Blade
24	1719736ASM	1	BLADE, Mower LH
25	1686784SM	1	HOUSING ASSEMBLY, 40" Mower, 2 Spindle, Orange
25	1687166SM	1	HOUSING ASSEMBLY, 40" Mower, 2 Spindle, Red
26	1724601SM	1	COVER, Arbor LH
27	1924856SM	6	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
28	1960404SM	1	CAPSCREW, Truss Head, Phillips, #10-24 x 3/4
29	1933896SM	1	NUT, Hex Nylock , 10-24
30	1960096SM	3	WASHER, 3/16
31	2171600SM	1	STRAP, Hood, Black Rubber, 4.8" Long
32	1686817SM	1	TUBE ASSEMBLY, Top & Bottom Rear
33	1677247	2	ARBOR ADAPTER

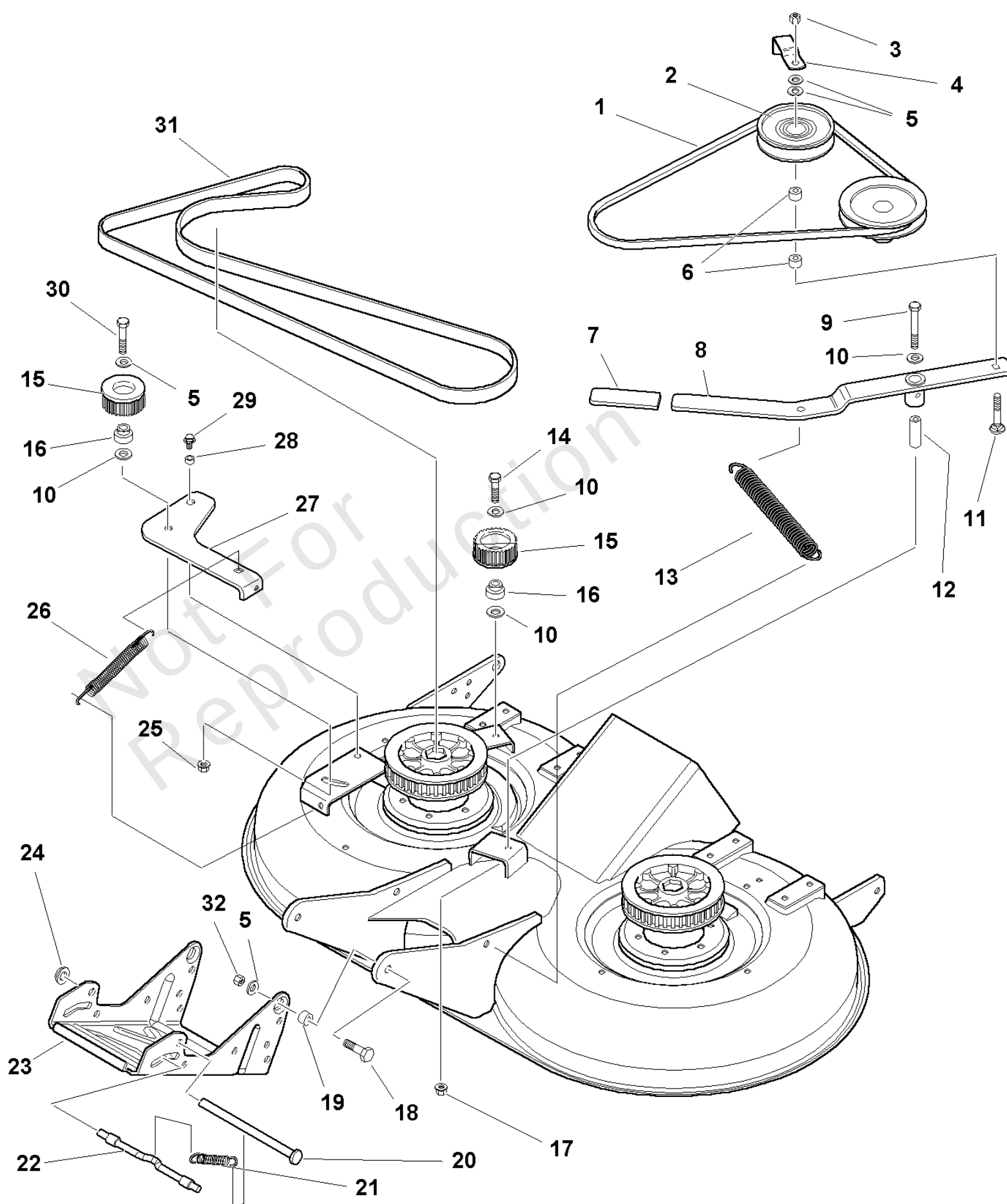


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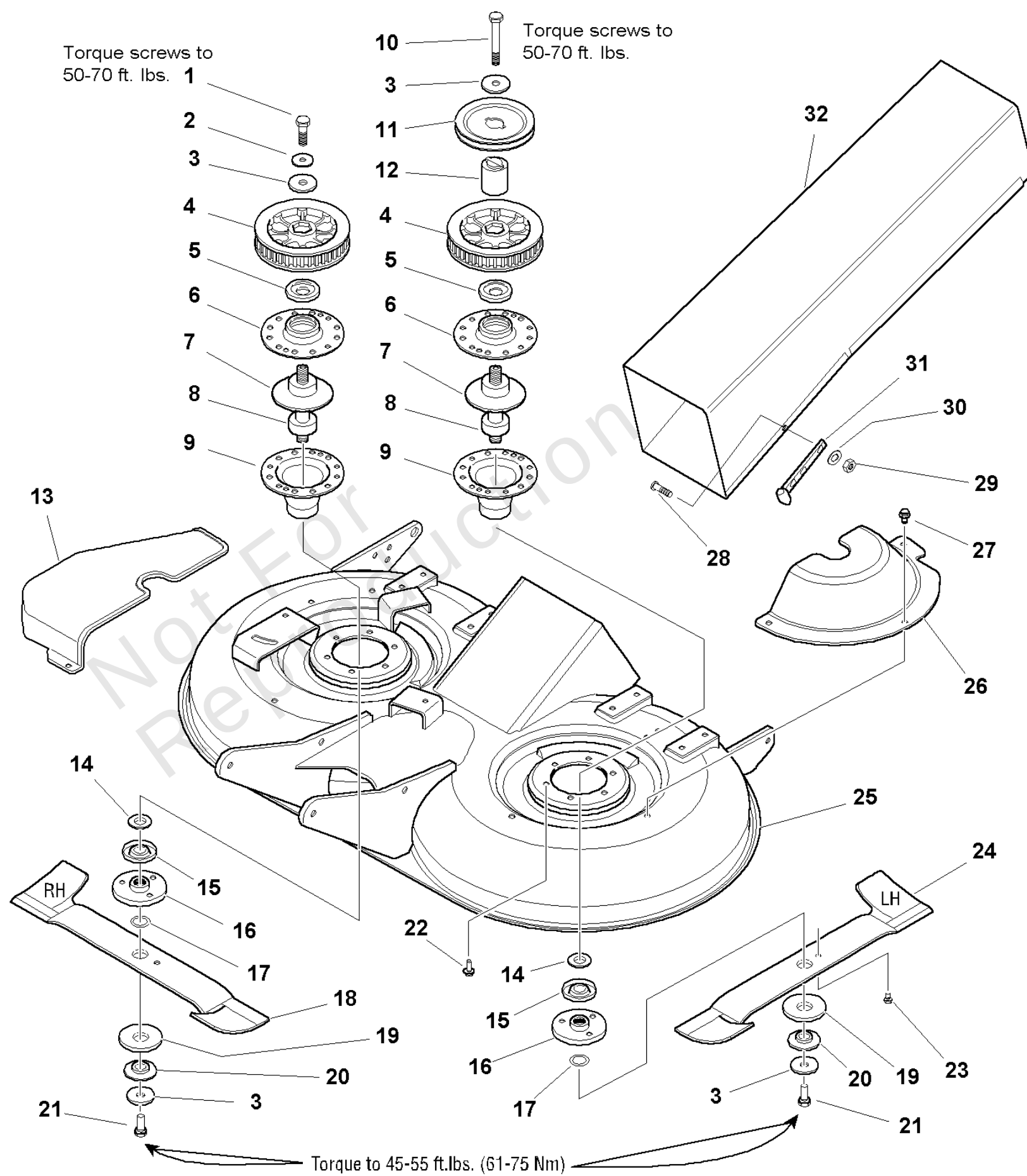
REF NO	PART NO	QTY	DESCRIPTION
1	1960093SM	1	PAL NUT
2	1714084SM	1	KNOB, Spinner
3	1719901SM	1	CRANK, Height Adjustment
4	2816001SM	1	PIN-SPRING .188 X 1.0
5	1704087SM	1	TRUNNION, Rod
6	1706645ASM	1	TRUNNION-2.00WD-BLACK
7	2118053SM	1	PIN, Round Head, Drilled, 3/8 x 2
8	1960074SM	1	CLIP, HAIR PIN .093DI
9	1926149SM	2	CAPSCREW, Hex Head, 5/16-18 x 1 G8
10	1704083ASM	1	ARM, Rear Adjustable
11	1930644SM	2	NUT-HEX FLANGE 1/2-1
12	1704116ASM	1	BRACKET-HEIGHT OF CUT
14	1931277SM	2	NUT, Hex, 5/16-18 Whiz Lock
15	1918448SM	1	PIN, Cotter
16	1924940SM	5	WASHER, 3/8
17	1705049SM	1	LINK & WELD PINS ASSEMBLY, Lower Lift
18	2176012SM	1	RETAINER, Pin, Spring
19	1686686SM	1	SHAFT & BAR ASSEMBLY, Roller
20	1924366SM	15	WASHER, 5/8
21	1717675SM	5	ROLLER, .650 ID, 2.5" OD, 2.05" Long, Rounded End
22	1931352SM	1	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
23	1719180SM	1	SHAFT & ARMS ASSEMBLY, 40" Rear
24	1915726SM	2	NUT, Hex, 5/8-11
25	1719261SM	1	ROD, Adjustment
26	1960170SM	1	WASHER, 1/2
27	1704086SM	1	TRUNNION, Threaded
28	1704097SM	1	WASHER, Detent
29	1719208SM	1	INDICATOR, Height of Cut
30	1919326SM	1	WASHER, 5/16
31	1919381SM	4	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1
32	1665374SM	4	STRAP-1.00WD 3.06LG .
33	1664847SM	6	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
34	1719929SM	2	STOP, Up Wire
35	1704082SM	1	NUT, Hex Adjusting, 11/16
36	1916965SM	2	LOCKWASHER, 3/4 (Early Models)
37	1916950SM	2	NUT, Hex, 3/8-16 (Early Models)
38	1704073ASM	1	BAR, Roller
39	1677507SM	1	SLIDE, Roller
40	1924361SM	1	WASHER, 1/2
41	2172622SM	1	BOLT, Shoulder, 3/8-16 X 1.34, 1/2 Shoulder
42	1960520SM	1	NUT, Push, 5/8
43	2860681SM	3	NUT, Hex Flange, 3/8-16
44	1706644SM	1	SPACER, 3/8X3/4X15/16
45	1704077ASM	1	STRAP, Trunnion Retainer
46	1922606SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
47	1709195SM	4	SPACER, .66 X 7/8 X 1 1/4
48	1668513SM	4	ROLLER, .652 ID, 2.50 OD, 4.10 LG



REF NO	PART NO	QTY	DESCRIPTION
1	1960093SM	1	PAL NUT
2	1714084SM	1	KNOB, Spinner
3	1719901SM	1	CRANK, Height Adjustment
4	2816001SM	1	PIN-SPRING .188 X 1.0
5	1704087SM	1	TRUNNION, Rod
6	1706645ASM	1	TRUNNION-2.00WD-BLACK
7	2118053SM	1	PIN, Round Head, Drilled, 3/8 x 2
8	1960074SM	1	CLIP, HAIR PIN .093DI
9	1926149SM	2	CAPSCREW, Hex Head, 5/16-18 x 1 G8
10	1704083ASM	1	ARM, Rear Adjustable
11	1930644SM	2	NUT-HEX FLANGE 1/2-1
12	1704116ASM	1	BRACKET-HEIGHT OF CUT
14	1931277SM	2	NUT, Hex, 5/16-18 Whiz Lock
15	1918448SM	1	PIN, Cotter
16	1924940SM	5	WASHER, 3/8
17	1705049SM	1	LINK & WELD PINS ASSEMBLY, Lower Lift
18	2176012SM	1	RETAINER, Pin, Spring
19	1719543SM	1	SHAFT & BAR ASSEMBLY, Roller
20	1923500SM	1	PIN, Cotter
21	1924366SM	14	WASHER, 5/8
22	1717675SM	6	ROLLER, .650 ID, 2.5" OD, 2.05" Long, Rounded End
23	1931352SM	1	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
24	1719180SM	1	SHAFT & ARMS ASSEMBLY, 40" Rear
25	1915726SM	2	NUT, Hex, 5/8-11
26	1719261SM	1	ROD, Adjustment
27	1960170SM	1	WASHER, 1/2
28	1704086SM	1	TRUNNION, Threaded
29	1704097SM	1	WASHER, Detent
30	1719208SM	1	INDICATOR, Height of Cut
31	1919326SM	1	WASHER, 5/16
32	1960373SM	4	SCREW, Hex Washer Head, Taptite, 5/16-18 x 1
33	1665374SM	4	STRAP-1.00WD 3.06LG .
34	1664847SM	6	SCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
35	1719929SM	2	STOP, Up Wire
36	1704082SM	1	NUT, Hex Adjusting, 11/16
37	1916965SM	2	LOCKWASHER, 3/4
38	1916950SM	2	NUT, Hex, 3/8-16
39	1704073ASM	1	BAR, Roller
40	1677507SM	1	SLIDE, Roller
41	1924361SM	1	WASHER, 1/2
42	2172622SM	1	BOLT, Shoulder, 3/8-16 X 1.34, 1/2 Shoulder
43	1960520SM	1	NUT, Push, 5/8
44	1922694SM	1	NUT, Hex lock ESNA Heavy, 3/8
45	1706644SM	1	SPACER, 3/8X3/4X15/16
46	1704077ASM	1	STRAP, Trunnion Retainer
47	1922606SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4

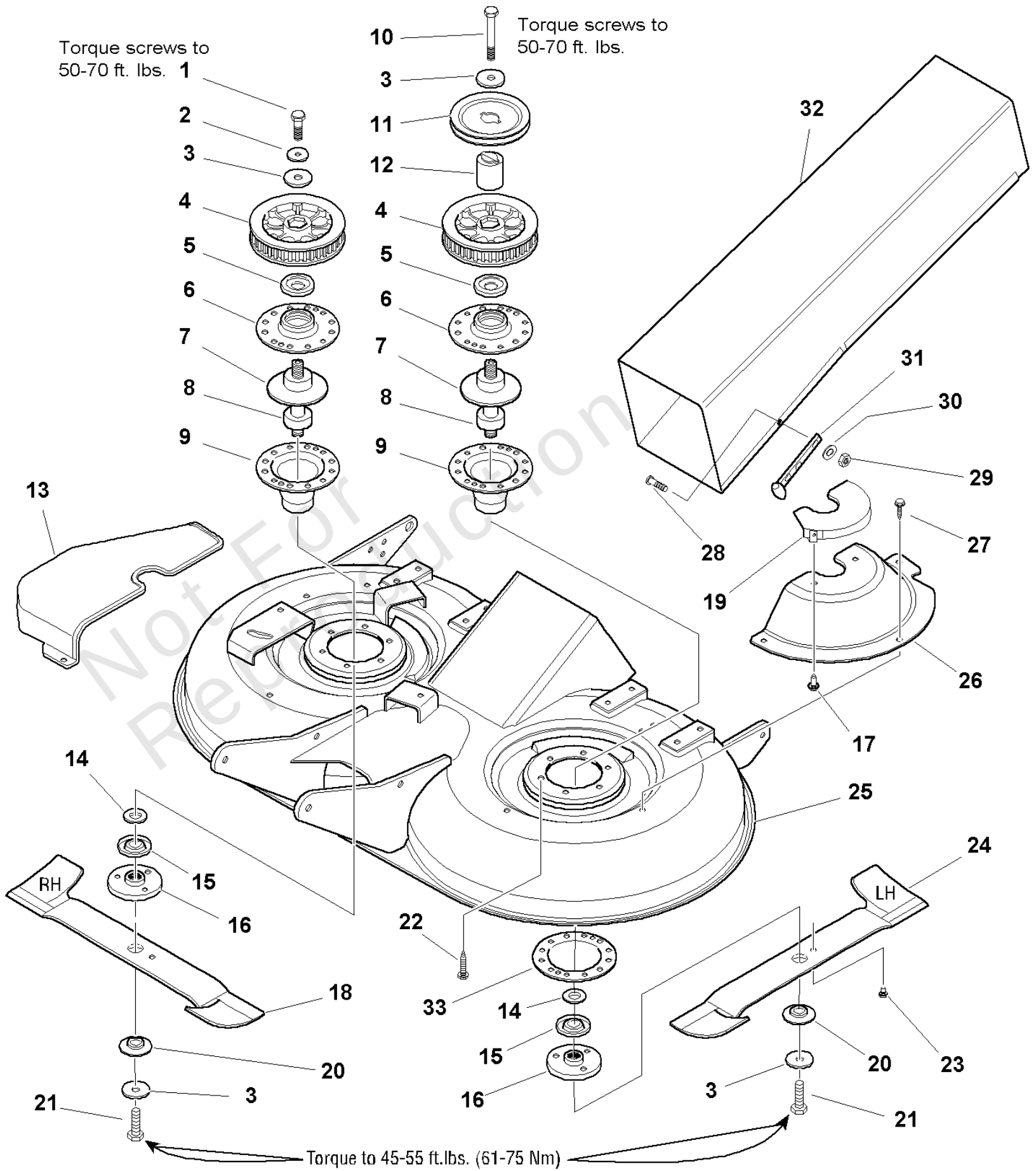


REF NO	PART NO	QTY	DESCRIPTION
1	1721533SM	1	V-BELT, Mower Drive, PTO
2	2101096SM	1	PULLEY
3	1919439SM	2	NUT, Hex Lock ESNA Light, 3/8-16
4	1719842ASM	1	STOP, Belt
5	1924940SM	5	WASHER, 3/8
6	2157081SM	2	SPACER
7	1719965SM	1	GRIP, Black Vinyl
8	1720444SM	1	ARM ASSEMBLY, Idler w/Bushings & Lube
9	1928957SM	1	CAPSCREW, Hex Head, 3/8-16 x 2-3/4 G8
10	1922755SM	6	WASHER, 3/8
11	1960615SM	1	BOLT-RD HD SQ NK 3/8
12	1657242SM	1	SPACER
13	1715435SM	1	SPRING, EXTENSION, 1.
14	1921971SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4
15	1719562SM	2	PULLEY, Idler 22 Teeth
16	1719221SM	2	HUB
17	1928352SM	1	NUT, Hex Flange Whizlock, 3/8-16
18	1921969SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/2
19	2172329SM	2	SPACER
20	1713578SM	1	ROD, Mower Hitch
21	2156302	1	SPRING
22	1715759SM	1	ROD, 3/8 x 8
23	1720044ASM	1	HITCH, Mower
24	1960519SM	1	NUT, Push On
25	1721425SM	1	WASHER & LOCK NUT ASSEMBLY, 3/8-16
26	1674671SM	1	SPRING, Extension
27	1726387	1	ARM, Idler
28	1666697SM	1	SPACER
29	1930601SM	1	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
30	1923701SM	1	CAPSCREW, Hex Head, 3/8-16 x 2
31	1721117SM	1	BELT, Timing, Arbor Drive
32	1922694SM	2	NUT, Hex Lock ESNA Heavy, 3/8-16

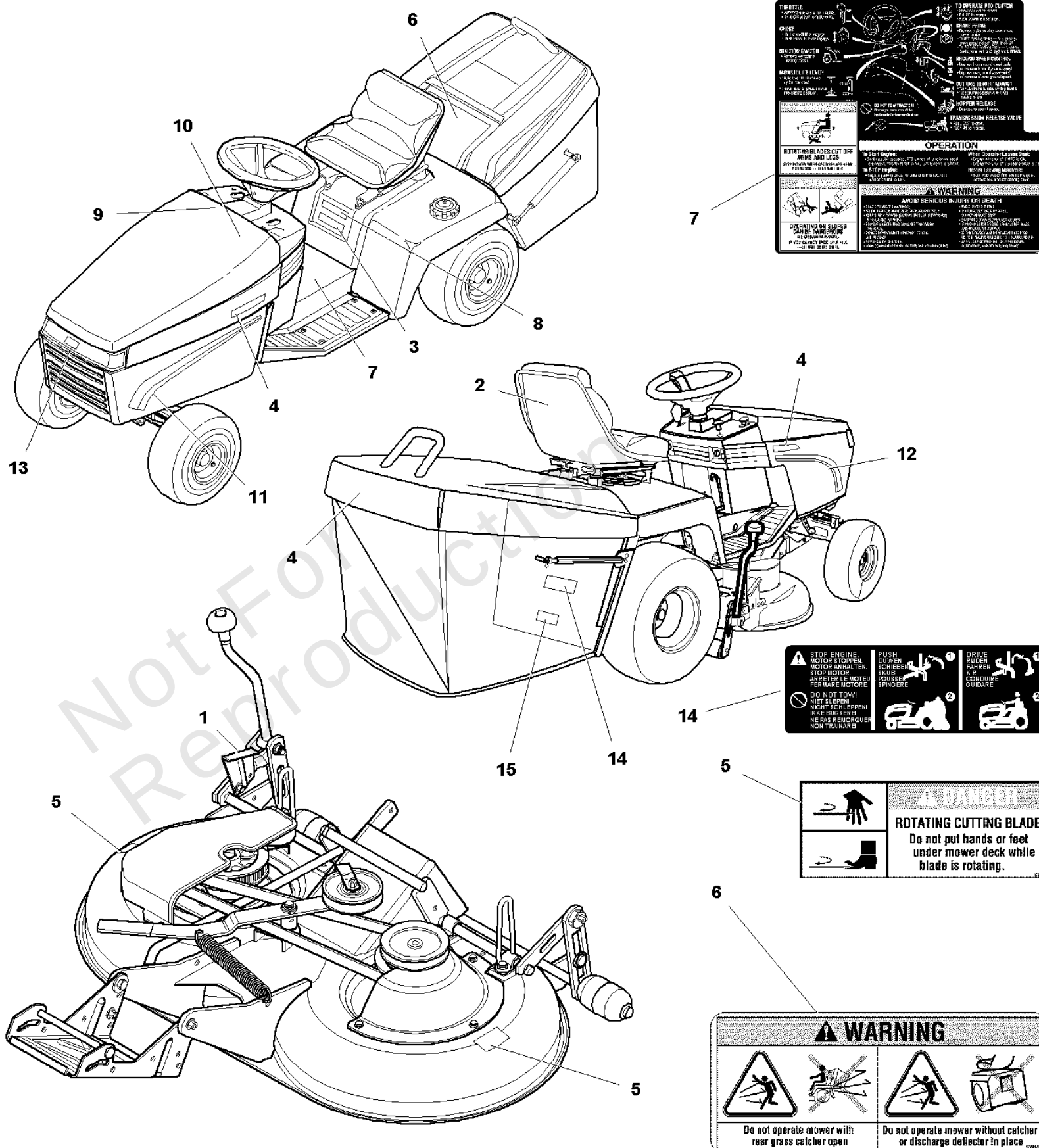


40"

REF NO	PART NO	QTY	DESCRIPTION
1	1936723SM	1	CAPSCREW, Hex Head, 7/16-14 x 1-3/4 G8
2	1933263SM	1	WASHER, 7/16
3	1656916SM	4	WASHER, SPRING 0.475I
4	1719766SM	2	SPROCKET & FLANGE ASSEMBLY, Rivited
5	1657969SM	2	SHIELD, Bearing Upper, Arbor
6	1655729ASM	2	HOUSING-ARBOR TOP - B
7	1707335SM	2	GASKET, Foam
8	1676278A	2	ARBOR SHAFT & BEARINGS ASSEMBLY
9	1703273ASM	2	HOUSING, Arbor Bottom w/Lube Fitting
10	1930585SM	1	CAPSCREW, Hex Head, 7/16-14 x 3-1/2 G8
11	1713091SM	1	PULLEY
12	1719862SM	1	HUB
13	1721153SM	1	COVER, Arbor R H
14	1700230SM	2	WASHER, Shim
15	1700229SM	2	SHIELD, Bearing, Mower Arbor Lower
16	1655777SM	2	ADAPTER, Blade 26, 30, 36, 42 & 48"
17	1657528SM	2	RING
18	1719737ASM	1	BLADE, Mower RH 40
19	1719985SM	2	WASHER, 1
20	1722257SM	2	WASHER, Spline
21	2823471SM	2	CAPSCREW, Hex Head, 7/16-14 x 1-1/4 G8
22	1664847SM	12	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
23	1722258SM	2	PIN, Blade
24	1719736ASM	1	BLADE, Mower LH 40
25	1686784SM	1	HOUSING ASSEMBLY, 40" Mower, 2 Spindle, Orange
25	1687166SM	1	HOUSING ASSEMBLY, 40" Mower, 2 Spindle, Red
26	1721154SM	1	COVER, Arbor LH
27	1924856SM	6	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
28	1960404SM	1	CAPSCREW, Truss Head, Phillips, #10-24 x 3/4
29	1933896SM	1	NUT, Hex Nylock , 10-24
30	1960096SM	3	WASHER, 3/16
31	2171600SM	1	STRAP, Hood, Black Rubber, 4.8" Long
32	1686817SM	1	TUBE ASSEMBLY, Top & Bottom Rear



REF NO	PART NO	QTY	DESCRIPTION
1	1930584SM	1	CAPSCREW, Hex Head, 7/16-14 x 2-3/4 G8
2	1933263SM	1	WASHER, 7/16
3	1656916SM	4	WASHER, SPRING 0.475I
4	1719766SM	2	SPROCKET & FLANGE ASSEMBLY, Rivited
5	1657969SM	2	SHIELD, Bearing Upper, Arbor
6	1655729ASM	2	HOUSING-ARBOR TOP - B
7	1707335SM	2	GASKET, Foam
8	1722396SM	2	ARBOR SHAFT & BEARINGS ASSEMBLY
9	1703273ASM	2	HOUSING, Arbor Bottom w/Lube Fitting
10	2860644SM	1	CAPSCREW, Hex Head, 7/16-14 x 4-1/2 G8
11	1713091SM	1	PULLEY
12	1719862SM	1	HUB
13	1721153SM	1	COVER, Arbor RH
14	1700230SM	2	WASHER, Shim
15	1700229SM	2	SHIELD, Bearing, Mower Arbor Lower
16	1655777SM	2	ADAPTER, Blade 26, 30, 36, 42 & 48
17	1675044SM	4	RIVET-POP.188 .429L A
18	1719737ASM	1	BLADE, Mower RH
19	1721258ASM	1	GUARD ASSEMBLY
20	1722257SM	2	WASHER, Spline
21	2827120SM	2	CAPSCREW, Hex Head, 7/16-14 x 2-1/4 G8
22	1960373SM	12	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1
23	1722258SM	2	PIN, Blade
24	1719736ASM	1	BLADE, Mower LH
25	1686784SM	1	HOUSING ASSEMBLY, 40" Mower, 2 Spindle, Orange
25	1687166SM	1	HOUSING ASSEMBLY, 40" Mower, 2 Spindle, Red
26	1724601SM	1	COVER, Arbor LH
27	1924856SM	6	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1/2
28	1960404SM	1	CAPSCREW, Truss Head, Phillips, #10-24 x 3/4
29	1933896SM	1	NUT, Hex Nylock, 10-24
30	1960096SM	3	WASHER, 3/16
31	2171600SM	1	STRAP, Hood, Black Rubber, 4.8" Long
32	1686817SM	1	TUBE ASSEMBLY, Top & Bottom Rear
33	1677247	2	ARBOR ADAPTOR



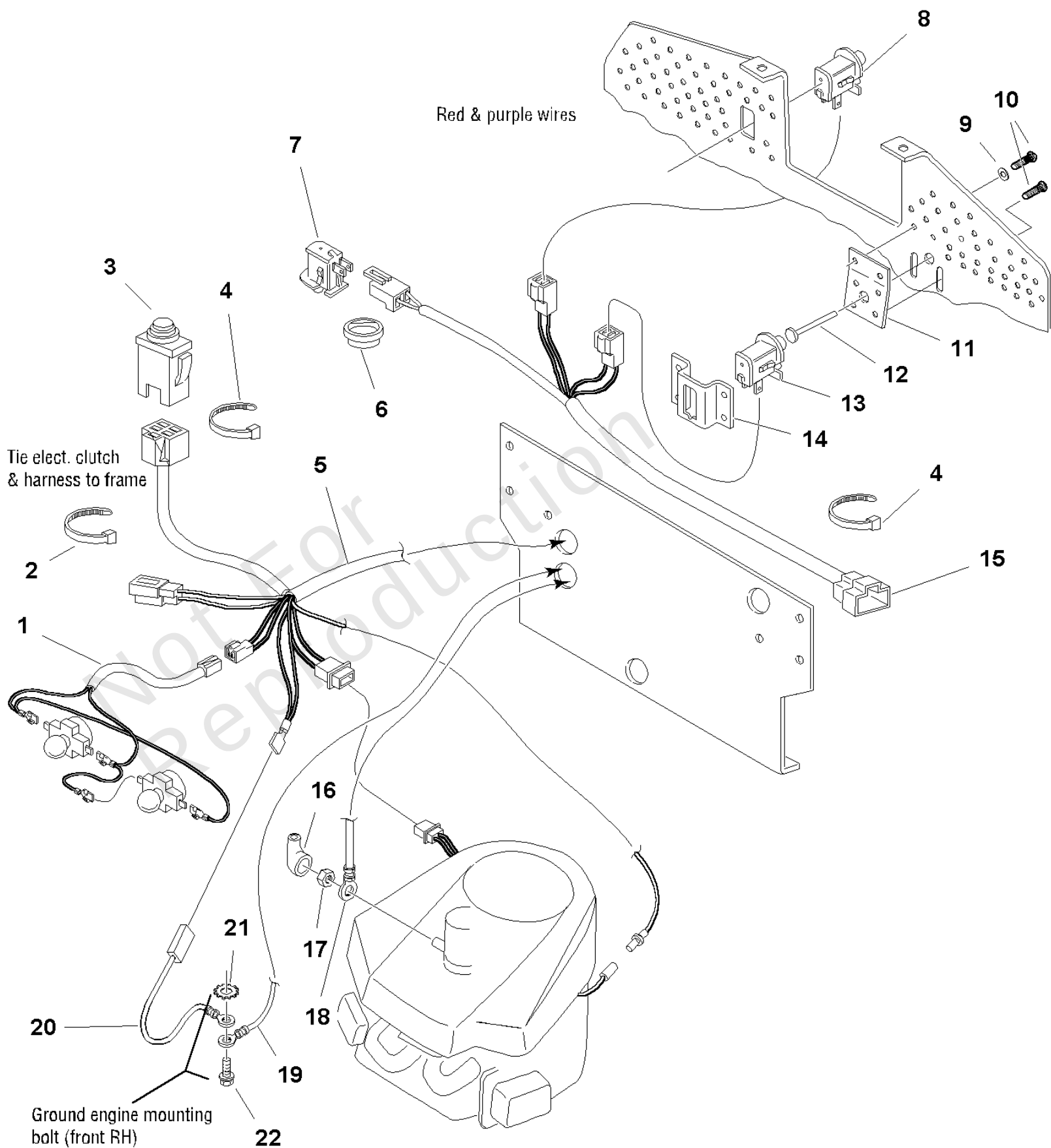
Decals Group

REF NO	PART NO	QTY	DESCRIPTION
1	1721197SM	1	DECAL, Cutting Height
2	1708927	1	DECAL, Logo, USA
3	1722779SM	1	DECAL, Engine, 18V-Twin
4	1722551SM	3	DECAL, Simplicity w/Logo, Fuel Resistant
5	1720660SM	2	DECAL, Danger, Rotating Blades
6	1720661SM	1	DECAL, Danger, Catcher Open
7	1720658	1	DECAL, Operating Instructions
8	1720412SM	1	DECAL, Baron
9	1720454SM	1	DECAL, Touch Up Paint
10	1720460SM	1	DECAL, Drive Belts/Mower Blades
11	1720504SM	1	DECAL, Hood Stripe L H
12	1722773SM	1	DECAL, Hood Stripe R H
13	1717692SM	1	DECAL, Simplicity Logo
14	1722384	1	DECAL, Transmission Release Valve
15	1721141SM	1	DECAL, Draw Bar

Electrical Group - Lower Harness

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



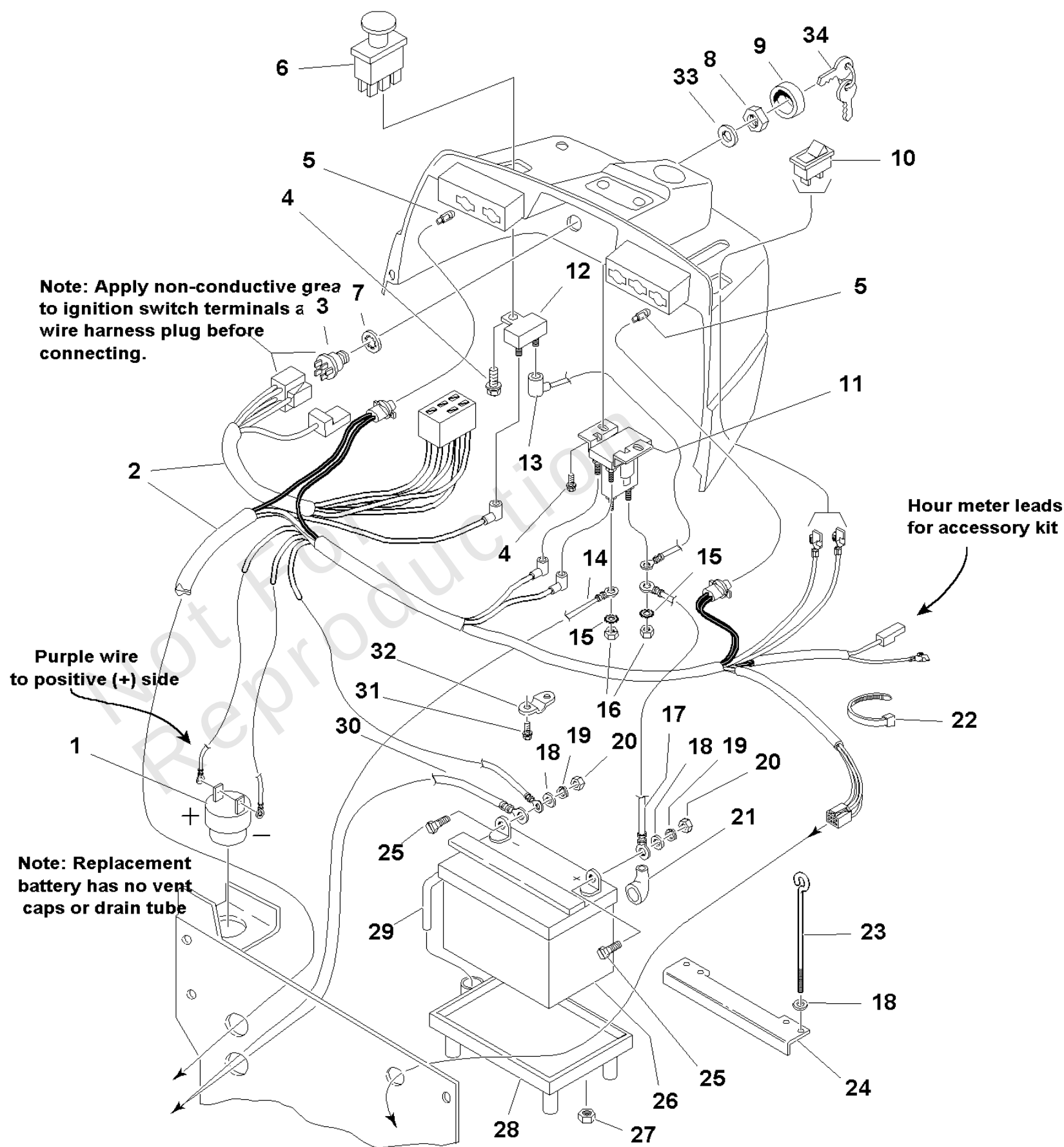
Electrical Group - Lower Harness

REF NO	PART NO	QTY	DESCRIPTION
1	1674358SM	1	HARNESS, Wiring For Headlights
2	2832747SM	1	TIE, Self Locking, 3-5/8" Long
3	1719681SM	1	SWITCH, Push Button Foot Pedal
4	1701011SM	2	TIE, Self Locking, 7-5/16" Long
5	1719999SM	1	HARNESS, Wiring
6	1701229SM	1	BUSHING, Snap
7	1732005SM	1	SWITCH, Push Button Seat Switch
8	1720401SM	1	SWITCH, Push Button Gray w/Boot, Safety
9	1921319SM	2	WASHER, Flat, 1/4
10	1925003SM	6	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2
11	1720119SM	1	PLATE, Cover Hopper Switch
12	1720120SM	1	ROD & WASHER ASSEMBLY, Hopper Switch
13	1732004SM	1	SWITCH-PUSH BUTTON
14	1720118SM	1	BRACKET, Hopper Switch
15	1720001SM	1	WIRE ASSEMBLY, Rear Bagger
16	2122023SM	1	BOOT, Insulator, Battery Terminal
17	2816622SM	1	NUT, Hex 1/4-20
18	1668819SM	1	CABLE, # 6 x 25 Long, (2) Ring Terminals
19	1713163SM	1	CABLE, # 6 x 26 Long, 1/4 & 3/8 Ring Terms
20	1707232SM	1	WIRE ASSEMBLY
21	2820427SM	1	LOCKWASHER, External Tooth, 3/8
22	704010	1	SCREW, HEX, 3/8-16

Electrical Group - Upper Harness

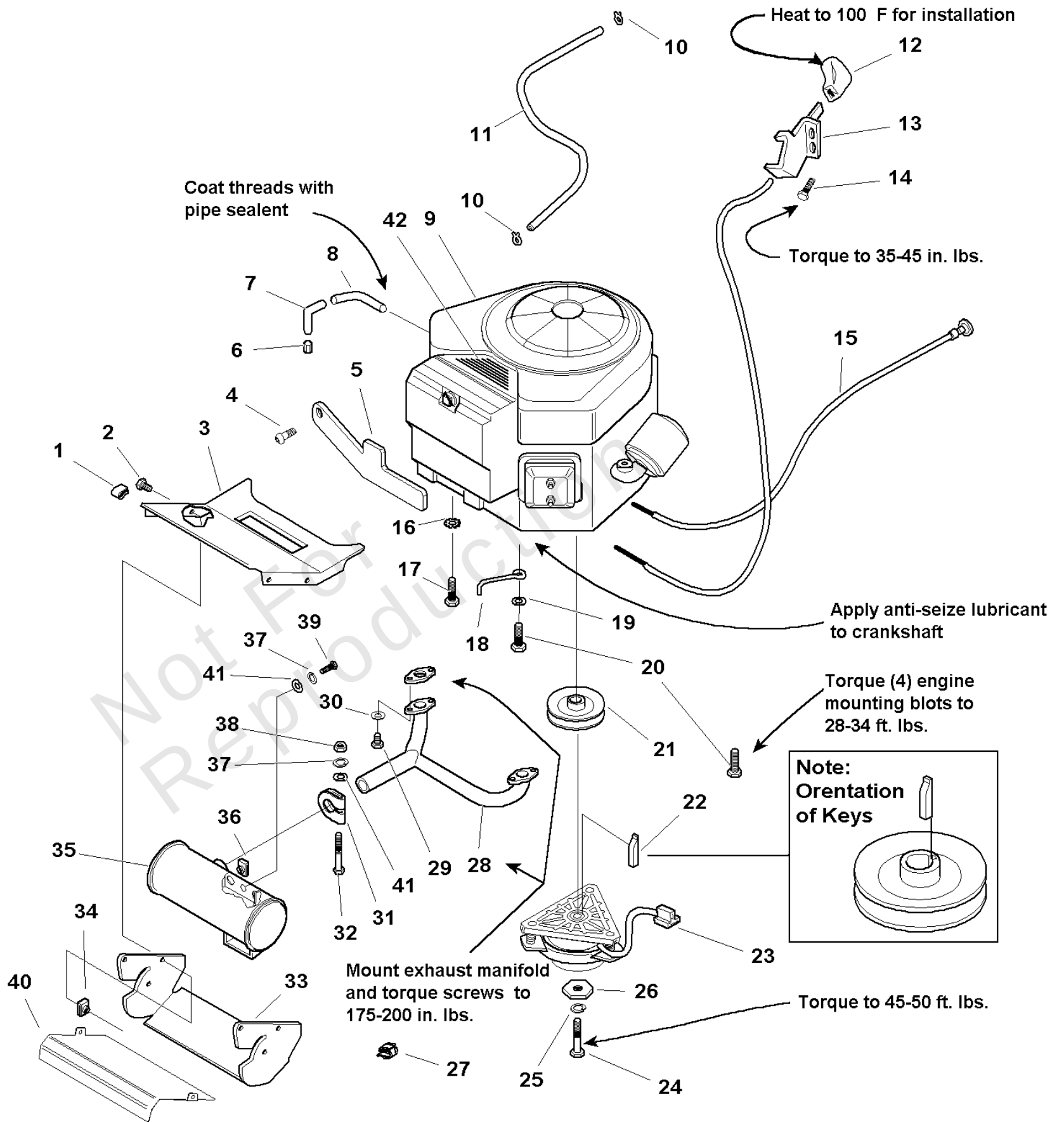
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



Electrical Group - Upper Harness

REF NO	PART NO	QTY	DESCRIPTION
1	1720117SM	1	BUZZER, Pulse, (Grass Bag Full)
2	1719999SM	1	HARNESS, Wiring
3	1686734SM	1	IGNITION SWITCH
7	1960547SM	1	LOCKWASHER-INTERNAL
8	1717549SM	1	NUT, Hex Flange 5/8-32
9	1717550SM	1	COVER, Ignition Switch
33	2101025SM	1	WASHER, 5/8
34	1717163SM	1	KEY-IGNITION INDAK
4	1960536SM	2	SCREW, HEX WSHR HD PL
5	1676130SM	2	LAMP, Indicator
6	1716332SM	1	SWITCH, PTO Push/Pull w/Symbols
10	1703799SM	1	SWITCH, HEADLIGHT
11	1686981SM	1	SOLENOID, 4 Pole 12 Volt DC
12	1665238SM	1	BREAKER-CIRCUIT
13	1665237SM	1	WIRE, 12GA, Red
14	1668819SM	1	CABLE, # 6 x 25 Long (2) Ring Terminals
15	2820426SM	2	LOCKWASHER, External Tooth, 5/16
16	2820263SM	2	NUT, Hex, 5/16-24 NF
17	1603618SM	1	CABLE, # 6 x 8 Long, (2) Ring Terminals
18	2821319SM	4	WASHER, 1/4
19	2816964SM	2	LOCKWASHER, 1/4
20	1916622SM	2	NUT, Hex, 1/4-20
21	1677296SM	1	BOOT,INSULATOR BATTER
22	2820594	2	TIE, Self Locking, 7-5/16" Long
23	1704632SM	2	ROD, Battery Hold Down
24	1718596ASM	1	BRACKET, Battery Hold Down
25	2823341SM	2	CAPSCREW, Hex Head, 1/4-20 x 3/4
26	1685215SM	1	BATTERY,12V
27	1704349SM	2	NUT, Plastic Expanding
28	1704112SM	1	TRAY, Battery
29	1612103SM	1	HOSE, Drain
30	1713163SM	1	CABLE, # 6 x 26 Long 1/4 & 3/8 Ring Terminals
31	1960369SM	4	CAPSCREW, Hex Washer Head, 3/8-16 x 1/2
32	1704614SM	1	STRAP



Engine Group

REF NO	PART NO	QTY	DESCRIPTION
1	2834683SM	1	CLIP, Speed Wire
2	1960295SM	4	CAPSCREW, Hex Flange Whizlock, 1/4-20 x 5/8
3	1707334SM	1	DUCT, Muffler, Top
4	1960624SM	1	CAPSCREW, Pan Head, Torx, #10-32 x 1/2 (Early Models)
5	1720507SM	1	BRACKET, Flat (Early Models)
6	1667346SM	1	CAP, Hex, 3/8-18NPT
7	1673453SM	1	FITTING, Pipe Elbow Street
8	1720017SM	1	PIPE, Oil Drain
9	-----	1	ENGINE, 18.0HP Briggs & Stratton INTEK
10	2860112SM	2	CLAMP, Hose, 1/2 Diameter Type E
11	1718678SM	1	HOSE, Fuel
12	1713846SM	1	KNOB, Soft
13	1714068SM	1	CONTROL, Throttle 3/16 Cable 35-3/4 Long, No Knob
13	1714068SM	1	CONTROL, Throttle 3/16 Cable 35-3/4 Long, No Knob (Export)
14	1960536SM	2	SCREW, HEX WSHR HD PL
15	1708764SM	1	CONTROL, Choke 3/16 Cable 39-1/2 Long w/Knob
16	2820427SM	1	LOCKWASHER, External Tooth, 3/8
17	704010	1	SCREW, HEX, 3/8-16
18	1704419SM	1	STOP, Belt
19	1924940SM	1	WASHER, 3/8
20	1930598SM	3	CAPSCREW, Hex Washer Head, Taptite, 3/8-16 x 1-1/2
21	1713187SM	1	PULLEY & HUB ASSEMBLY
22	2105337SM	1	KEY, HI PRO, 1/4 x 2.000
23	1720532SM	1	CLUTCH, Electric
24	1960370SM	1	CAPSCREW, Hex Head, 7/16-20 x 2-1/2
25	1918199SM	1	LOCKWASHER, Spring, 7/16
26	1708264SM	1	WASHER, HEX, 0.453ID
27	2172434SM	1	CLIP- WIRE DIA .390
28	1720110SM	1	MANIFOLD, Exhaust
29	1936228SM	4	CAPSCREW, Hex Head, 5/16-18 x 3/4 G8
30	1919326SM	2	WASHER, 5/16
31	1676183SM	1	CLAMP, Exhaust
32	1931342SM	1	CARRIAGE BOLT, 5/16-18 x 2-3/4
33	1704357SM	1	DUCT, Muffler, Bottom
34	1960368SM	4	NUT, Speed, 1/4-20 Lug
35	1720109SM	1	MUFFLER
36	1935255SM	1	NUT, SPEED, 5/16-18 L
37	1917356SM	6	LOCKWASHER, Spring, 5/16
38	1917372SM	1	NUT, Hex, 5/16-18
39	703570	1	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
40	1721202SM	1	BAFFLE, Muffler
41	1919326SM	2	WASHER, 5/16
42	1721987	1	DECAL, 18HP Brigga & Stratton INTEK

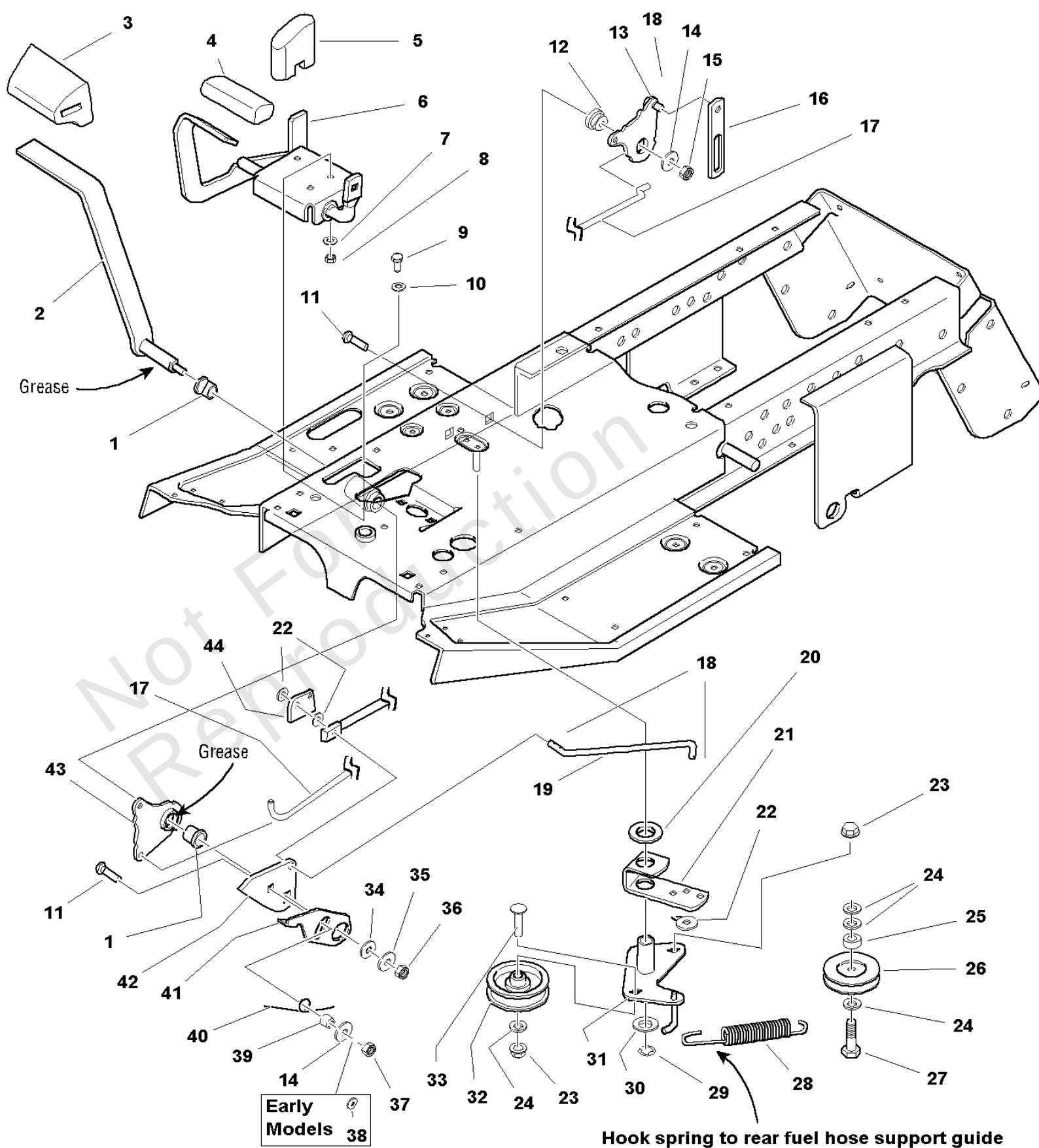
Footnotes:

Note:* Contact your Briggs & Stratton distributor for repair parts.

Foot Controls Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



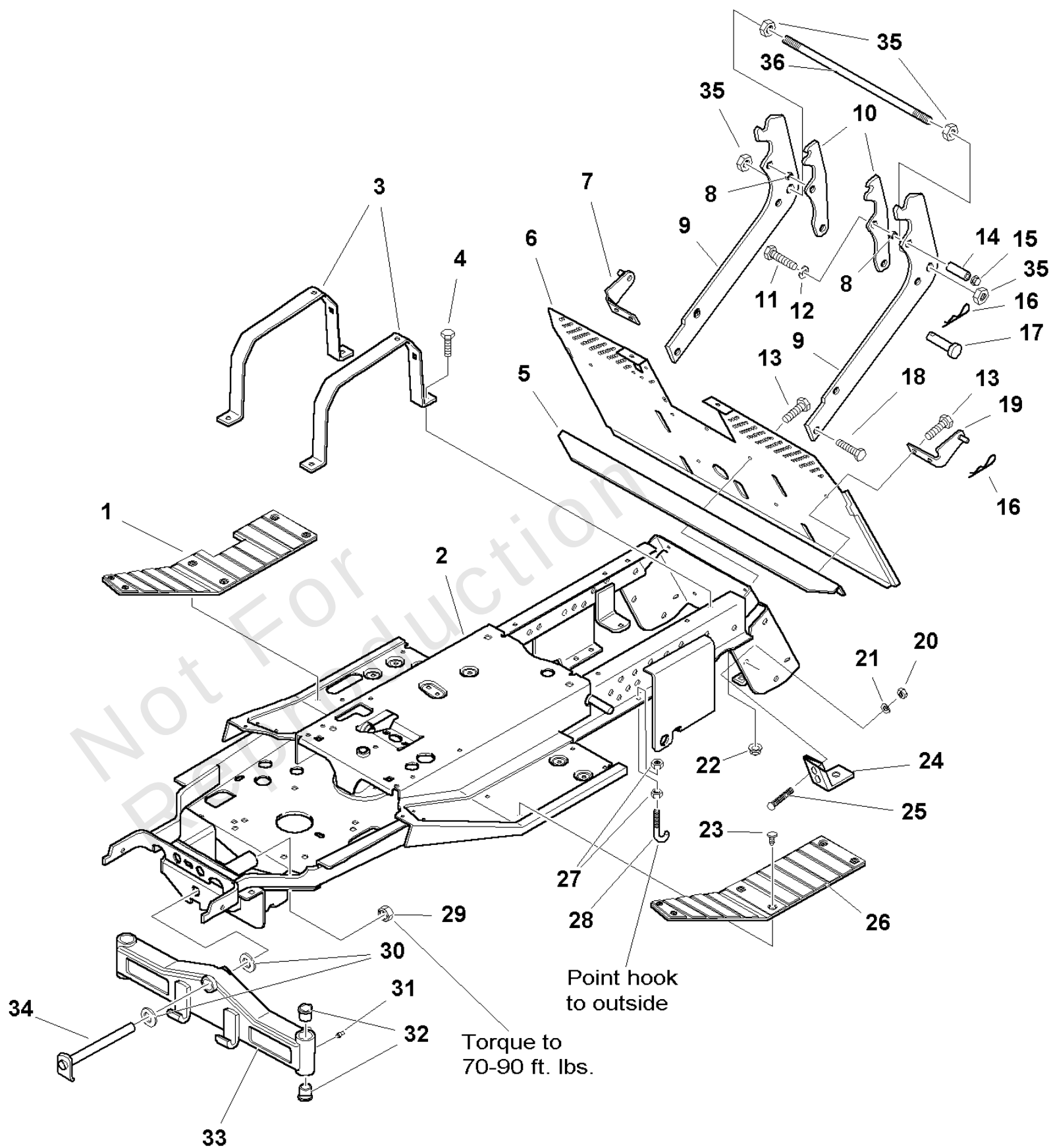
Foot Controls Group

REF NO	PART NO	QTY	DESCRIPTION
1	1663114SM	2	BUSHING, Nylon
2	1723817SM	1	PEDAL & SHAFT ASSEMBLY, Brake
3	1718944SM	1	PAD, Foot Pedal, Black Rubber
4	1715834SM	1	PEDAL, Foot Forward, Black Rubber
5	1715835SM	1	PEDAL, Foot Reverse, Black Rubber
6	1720007SM	1	PEDAL ASSEMBLY, Foot
7	1916965SM	2	LOCKWASHER, 3/8
8	1916950SM	2	NUT, Hex, 3/8-16
9	1960136SM	2	CAPSCREW, Hex Head, 3/8-16 x 1
10	2820427SM	2	LOCKWASHER, External Tooth, 3/8
11	1931337SM	3	CARRIAGE BOLT, 5/16-18 x 1-1/4
12	1704629SM	1	SPACER
13	1720233SM	1	CAM & WELD PIN ASSEMBLY, Lift
14	1960044SM	2	WASHER-0.312(0.33IDX1
15	1919438SM	1	NUT, Hex Lock ESNA Light, 5/16-18
16	1704756A	1	LINK, LIFT, Upper
17	1718014SM	1	LINK, Lift
18	1918447SM	4	PIN, Cotter, 3/32 X 3/4
19	1720224SM	1	ROD, Clutch 2 Bends
20	1960070SM	1	WASHER, 1
21	1719271A	1	LEVER, Clutch Painted
22	1919326SM	4	WASHER, 5/16
23	1928352SM	2	NUT, Hex Flange Whizlock, 3/8-16
24	1924940SM	4	WASHER, 3/8
25	1667811SM	1	SPACER
26	2174561SM	1	PULLEY
27	1921971SM	1	CAPSCREW, 3/8-16 x 1-3/4
28	1718016SM	1	SPRING, Extension
29	1704420SM	1	RING, Extension Klipring
30	1960020SM	1	WASHER, Plain, 21/32
31	1717769SM	1	PIVOT ASSEMBLY, Idler
32	1721133SM	1	PULLEY, IDLER
33	1931353SM	1	CARRIAGE BOLT, 3/8-16 x 1-3/4
34	1922755SM	1	WASHER, 3/8
35	1922611SM	1	WASHER, 3/8
36	1960339SM	1	NUT, Hex Lock ESNA Light, 3/8-16
37	1923362SM	1	NUT, Hex Center Lock, 5/16-18
38	1917356SM	1	LOCKWASHER, 5/16 (Early Models)
39	1720882SM	1	SPACER
40	1720724SM	1	SPRING, Torsion
41	1709950SM	1	ACTUATOR, Switch
42	1717767SM	1	ARM, Foot Pedal
43	1717186A	1	CAM, Lift Painted
44	1720223SM	1	CAM, Parking Brake

Frame & Front Axle Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



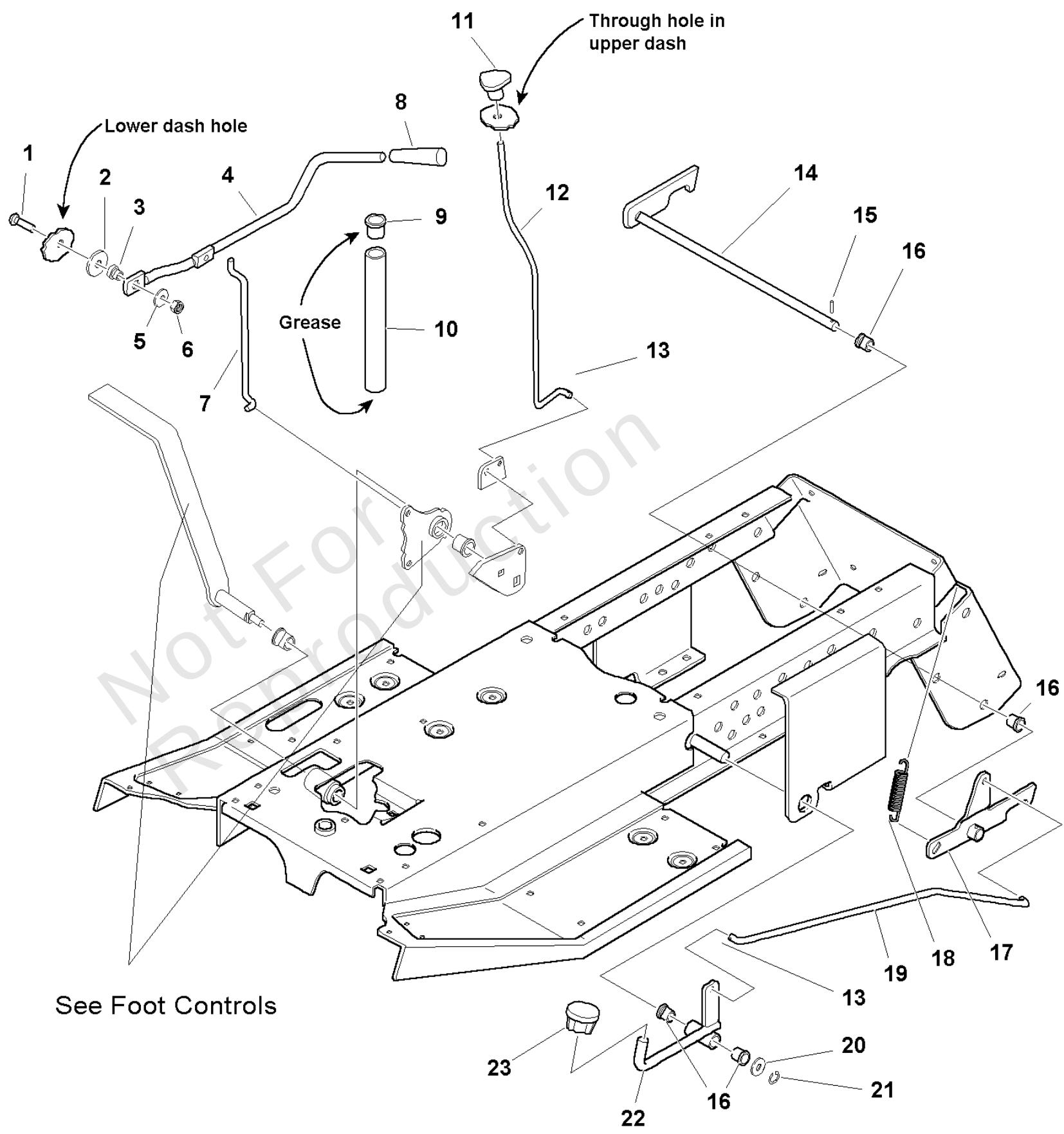
Frame & Front Axle Group

REF NO	PART NO	QTY	DESCRIPTION
1	1717936SM	1	PAD, Footrest, R H
2	1719355SM	1	FRAME ASSEMBLY
3	1720041SM	2	STRAP, Fuel Tank
4	1960373SM	4	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1
5	1719966SM	1	SUPPORT, Brace
6	1722092SM	1	BACKPLATE, Grass Bag
7	1721171SM	1	BRACKET & PIVOT ASSEMBLY, R H Cylinder
8	1666697SM	2	SPACER
9	1721172SM	2	SUPPORT, Hopper
10	1719731SM	2	LATCH, Support
11	1960590SM	2	CAPSCREW, Hex Head, 5/16-18 x 3
12	1919326SM	2	WASHER, 5/16
13	1930601SM	9	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
14	1713447SM	2	SPACER
15	1927557SM	2	NUT, Hex Flange Whizlock, 5/16-18
16	1960074SM	4	CLIP, HAIR PIN .093DI
17	1708298SM	2	PIN, Round Head Drilled, 3/8 X 1
18	1960043SM	4	SCREW-HEX WZ LOCK FLN
19	1721169ASM	1	BRACKET & PIVOT ASSEMBLY, L H Cylinder
20	1916950SM	2	NUT, Hex, 3/8-16
21	1916965SM	2	LOCKWASHER, Spring, 3/8
22	1935041SM	4	NUT, Hex Flange Whizlock, 7/16-14
23	1704351SM	13	FASTENER, Panel
24	1719972A	1	DRAWBAR
25	1931350SM	2	BOLT, RD HD SH SQ NK
26	1704311SM	1	PAD, Footrest, L H
27	1931277SM	2	NUT, Hex Flange 5/16-18
28	1679385SM	1	HOOK-J
29	1960270SM	1	NUT, Hex Full Lock, 3/4-16
30	2860530SM	2	WASHER, Special, 7/8 x 1-3/4 x 1/16
31	1704314SM	2	LUBE FITTING, .250 DR
32	2176440SM	4	BUSHING-0.765IDX
33	1703475ASM	1	AXLE ASSEMBLY, Front
34	1718856SM	1	SHAFT & LOCK ASSEMBLY, Axle Pivot
35	1916951SM	4	NUT, Hex 1/2-13
36	1721174SM	1	ROD, Support

Hand Controls Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



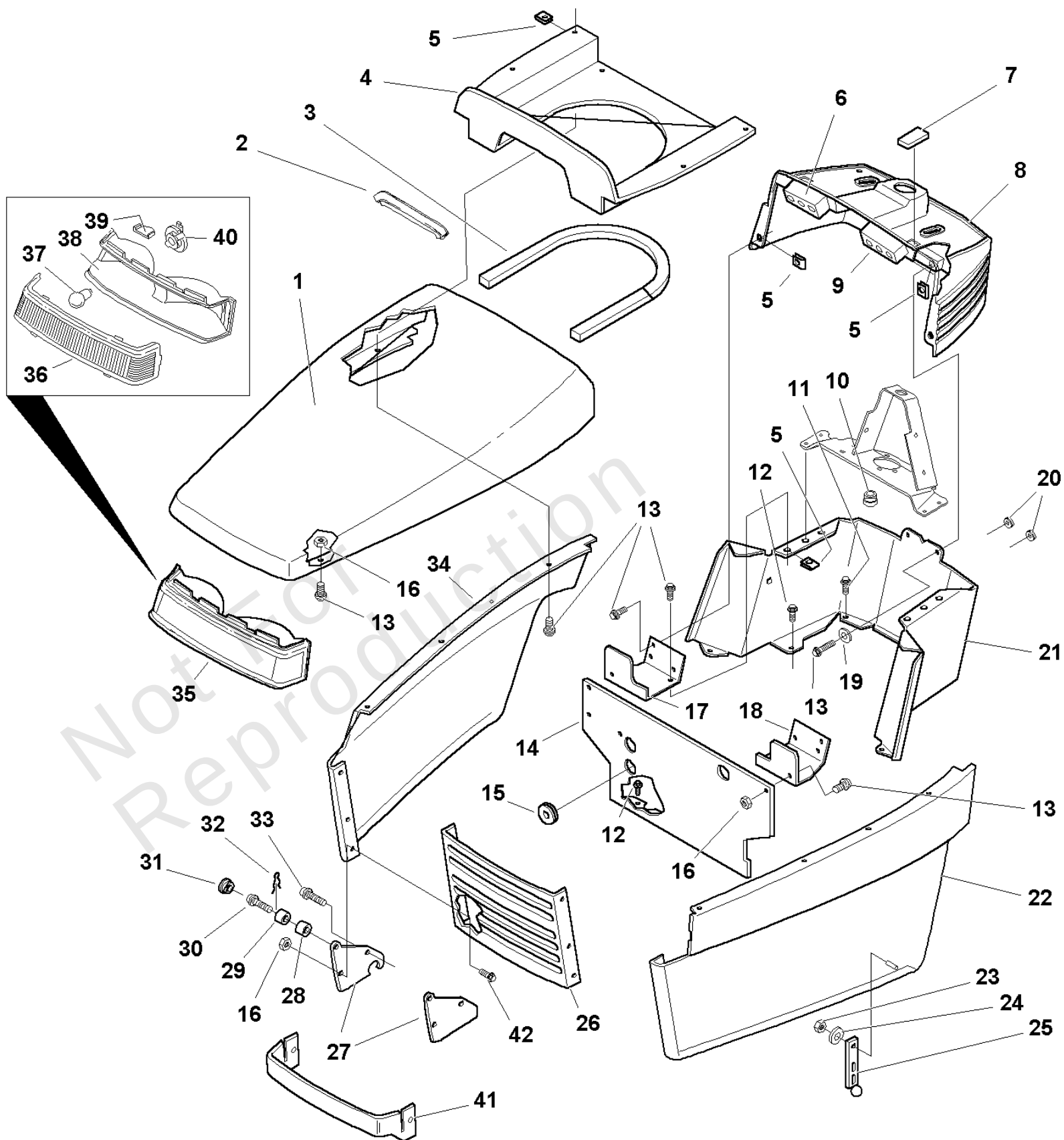
Hand Controls Group

REF NO	PART NO	QTY	DESCRIPTION
1	1960223SM	1	BOLT-RD HD SH SQ NK 5
2	1924356SM	1	WASHER, 3/8
3	1705590SM	1	SPACER
4	1717989SM	1	ROD, E-Coat Lift Handle, 13.23 Long
5	1919381SM	1	WASHER, 5/16
6	1919438SM	1	NUT, Hex Lock ESNA Light, 5/16-18
7	1704623SM	1	ROD, Link Lift Upper
8	1718219SM	1	KNOB, Lift Rod, Black
9	2176440SM	1	BUSHING-0.765IDX
10	1704425A	1	TUBE, Shift, 8.60 Long
11	1713855SM	1	KNOB, 3 Sided Soft
12	1720232SM	1	ROD, 15.3 Long Parking Brake
13	1923360SM	2	PIN, Cotter, 1/16 x 3/4
14	1719989SM	1	ROD & LATCH ASSEMBLY, R H
15	2816168SM	1	PIN, Spring, 1/8 x 3/4
16	1715025SM	4	BUSHING
17	1719988SM	1	LATCH & SPACER ASSEMBLY, L H
18	2174896SM	1	SPRING, Extension
19	1719990SM	1	ROD, 22.31 Long Latch, Yellow
20	1960027SM	1	WASHER, Flat
21	2158399SM	1	RING-E, Return Extension
22	1719981SM	1	LEVER & ROD ASSEMBLY, Hopper Open
23	1719940SM	1	KNOB

Hood, Grille & Dash Group

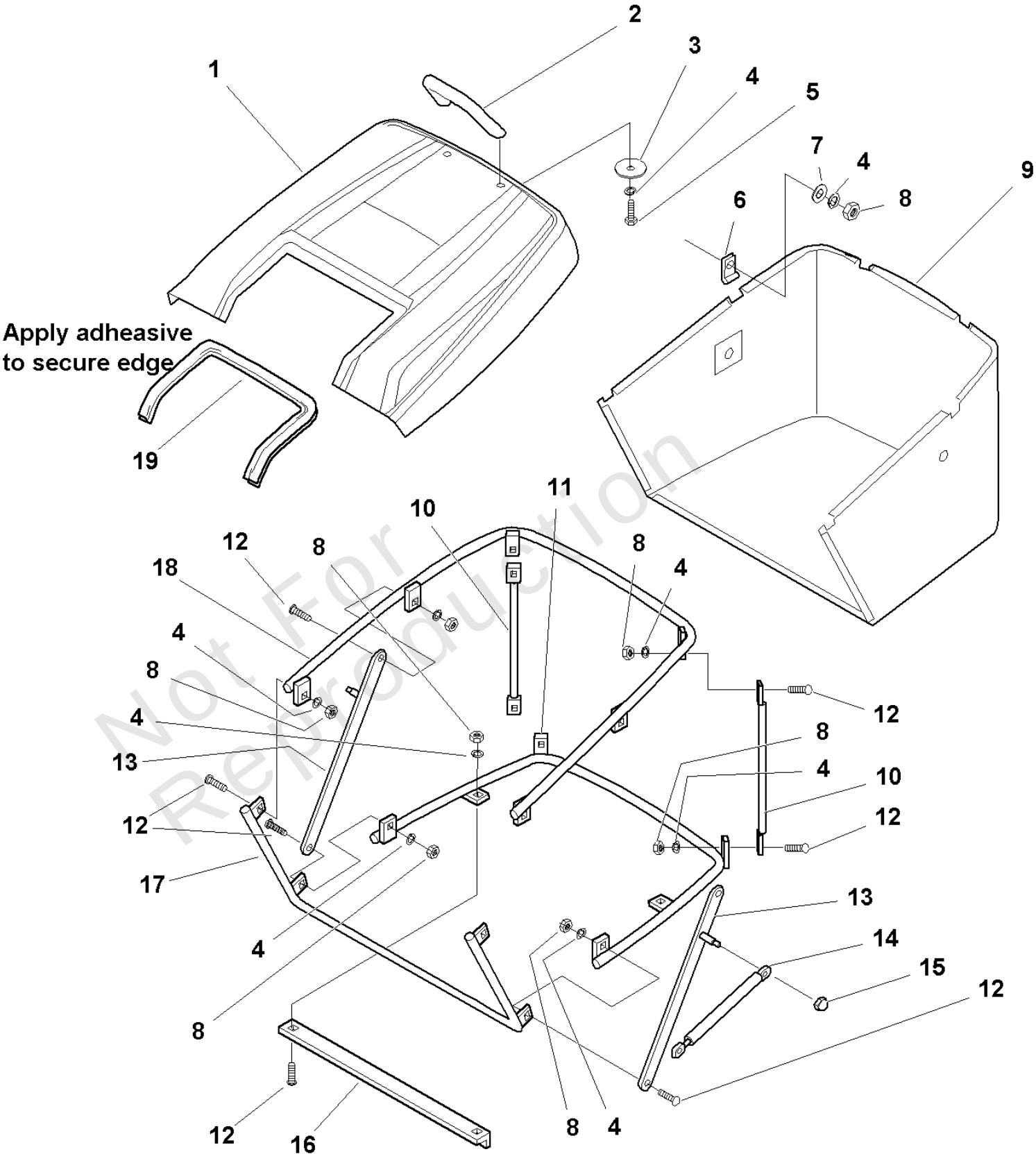
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



Hood, Grille & Dash Group

REF NO	PART NO	QTY	DESCRIPTION
1	1729505SM	1	HOOD, Red
1	1703240SM	1	HOOD, Orange
2	1717519SM	1	EDGING, 9" Long, Black Rubber
3	1720329SM	1	SEAL, Foam, 1.00 x 0.50 Horseshoe
4	1719739SM	1	DUCT, Air 16GA
5	1960368SM	10	NUT, Speed Lug
7	1709188SM	1	PLUG, BLACK PLASTIC
8	1720326SM	1	DASHBOARD, Lenses, (Includes Ref. Nos. 6 & 9)
6	1720327SM	1	LENS, Indicator R H , (PTO On)
9	1720328SM	1	LENS, Indicator L H, (BLUE/GREEN)
10	2176440SM	1	BUSHING-0.765IDX
11	1929000SM	1	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 3/8
12	1925003SM	7	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2
13	1960295SM	22	CAPSCREW, Hex Flange Whizlock, 1/4-20 x 5/8
14	1722006A	1	BULKHEAD
15	1704927SM	2	GROMMET
16	1920397SM	10	NUT, Hex Lock ESNA Light 1/4-20
17	1719978SM	1	SUPPORT, Bulkhead R H w/Hole
18	1719845SM	1	SUPPORT, Bulkhead L H
19	1921319SM	2	WASHER, 1/4
20	1670675SM	2	BUMPER, Button, Black Rubber
21	1709238ASM	1	DASH, Lower 16GA
22	1704879DSM	1	PANEL & WELD STUD ASSEMBLY, L H Side, Red
22	1704879CSM	1	PANEL & WELD STUD ASSEMBLY, L H Side, Orange
23	1933896SM	2	NUT, Hex Lock, 10-24 w/Nylon Insert
24	1960096SM	2	WASHER, 3/16
25	2171600SM	2	STRAP, Hood, Black Rubber 4.8" Long
26	1721203SM	1	GRILLE, 16GA
27	1716128SM	2	HINGE, Hood
28	1705249SM	2	SPACER
29	1705248SM	2	PIVOT, Hood
30	1960373SM	2	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 1
31	1704626SM	2	SPACER, Nylon
32	1704628SM	2	PIN, Quick, (Hairpin)
33	1930601SM	2	CAPSCREW, Hex Wasker Head, Taptite, 5/16-18 x 5/8
34	1704878CSM	1	PANEL & WELD STUD ASSEMBLY, R.H. Side, Orange
34	1704878DSM	1	PANEL & WELD STUD ASSEMBLY, R.H. Side, Red
35	1703945SM	1	HEADLIGHT ASSEMBLY, (Includes Ref. Nos. 36, 37, 38, 39, & 40)
36	1703248SM	1	LENS, Headlight
37	1677371SM	1	BULB-HEADLIGHT 1
38	1703249SM	1	BEZEL, Headlight
39	1703946SM	1	HEAT SHEILD, Headlight
40	1677370SM	1	SOCKET, Headlight
41	1721146SM	1	BUMPER
42	1930594SM	2	CAPSCREW, Hex Flange Whizlock, 1/4-20 x 3/4



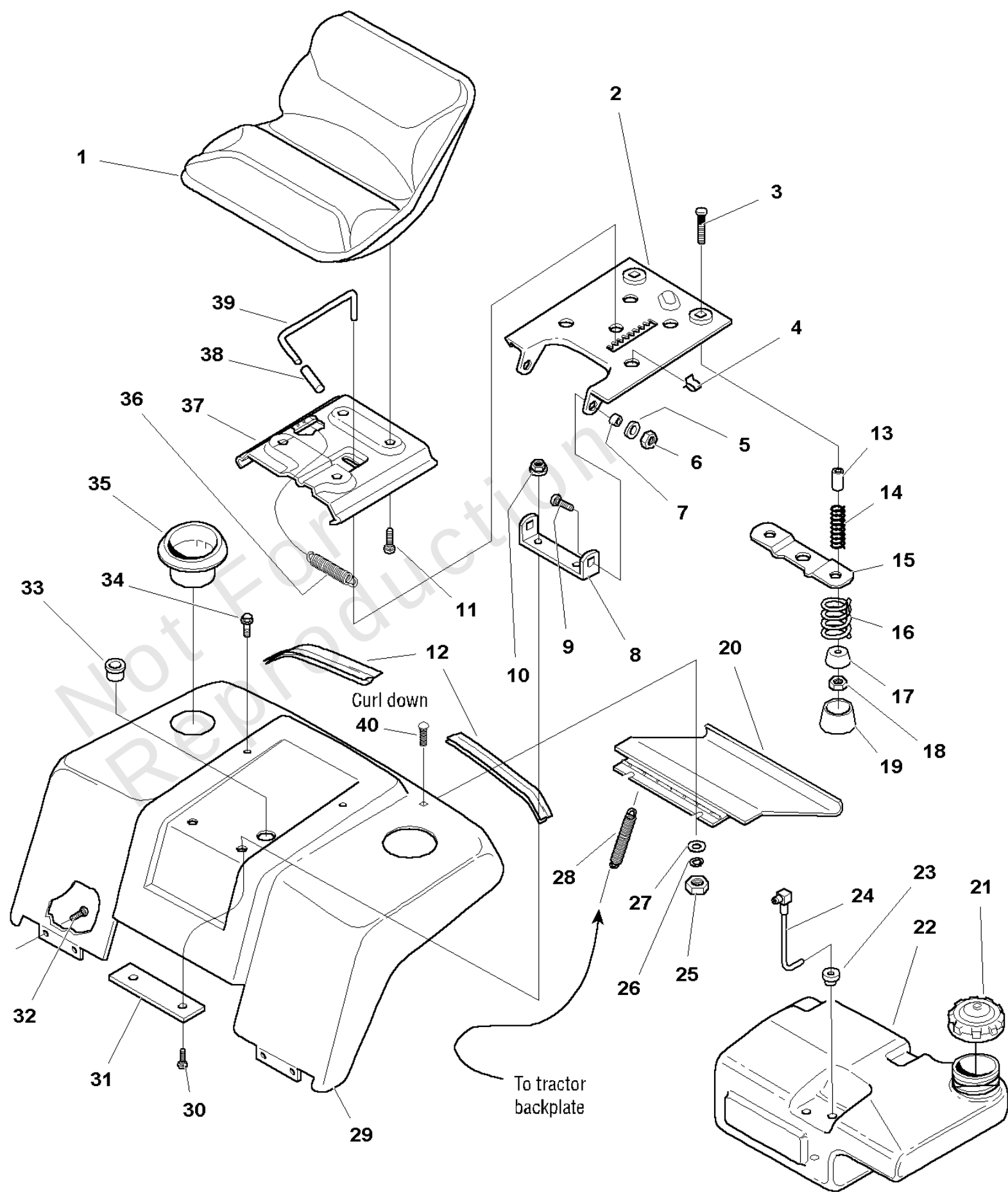
Hopper Group

REF NO	PART NO	QTY	DESCRIPTION
1	1720020SM	1	LID ASSEMBLY, Hopper
2	1719939SM	1	HANDLE, Grab
3	1920283SM	2	WASHER, 5/16
4	1917356SM	20	LOCKWASHER, 5/16
5	1921332SM	2	CAPSCREW, Hex Head, 5/16-18 x 3/4
6	1708007SM	6	CLAMP
7	1919381SM	6	WASHER, 5/16
8	1917372SM	18	NUT, Hex 5/16-18
9	1721983SM	1	BAG, Grass Plastic Bottom, Black
10	1720013SM	2	ROD
11	1720010SM	1	ROD & TABS ASSEMBLY, Bottom Bag
12	1931335SM	12	BOLT, Carriage, Short Neck, 5/16-18 x 1
13	1720083SM	2	BRACE & PIVOT ASSEMBLY, Cylinder
14	1719351SM	2	CYLINDER, 8.0" Stoke
15	1720458SM	2	NUT, Push On
16	1720008SM	1	SUPPORT, Bag Bottom
17	1720011SM	1	ROD & BRACES ASSEMBLY, Bag Front
18	1720009SM	1	ROD & TABS ASSEMBLY, Top Bag
19	1721175SM	1	EDGING, Seal

Seat Deck & Fuel Tank Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



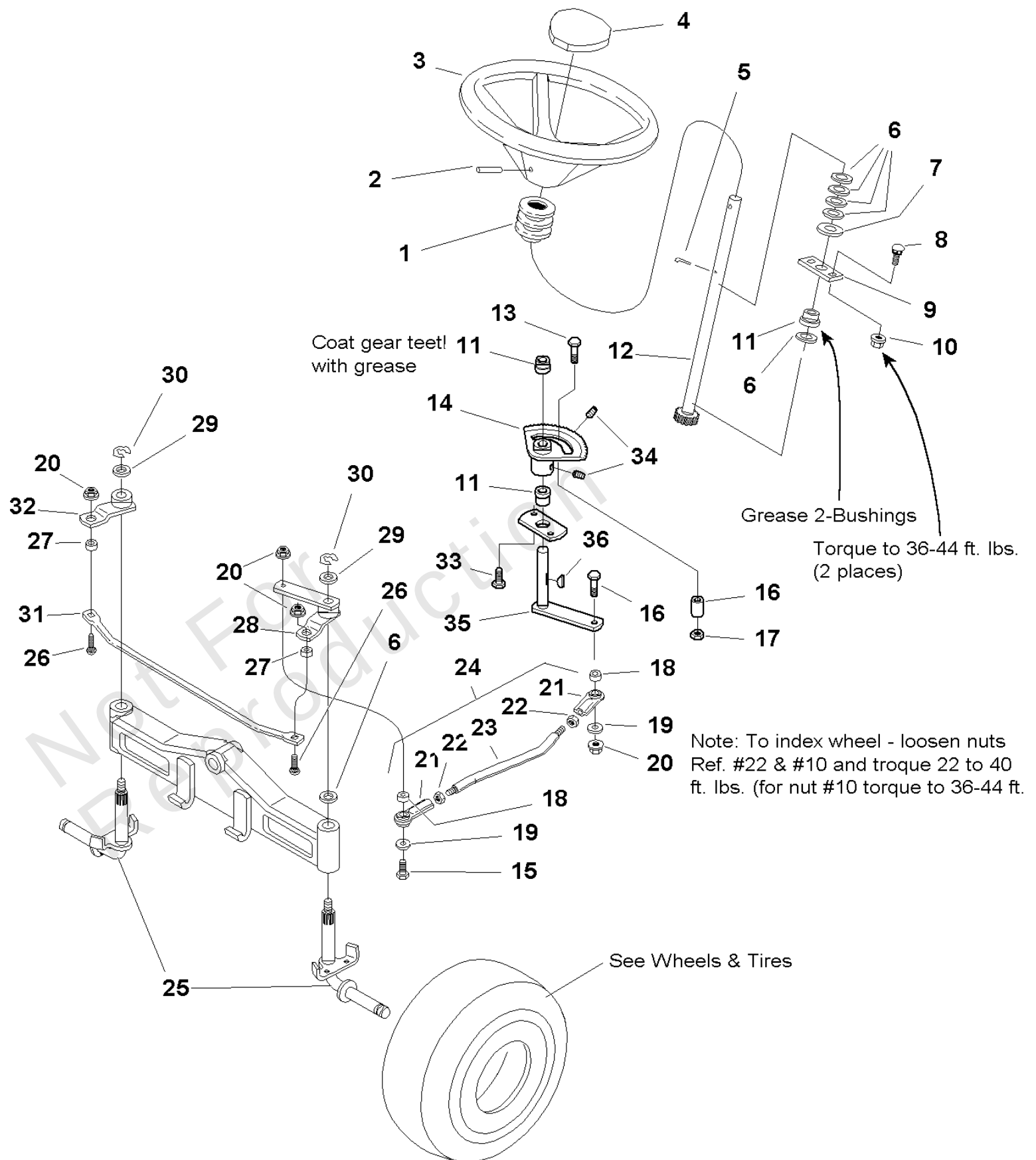
Seat Deck & Fuel Tank Group

REF NO	PART NO	QTY	DESCRIPTION
1	1687020SM	1	MILSCO SEAT SERVICE K
2	1709307SM	1	SUPPORT, Seat Pivot
3	1931339SM	2	CARRIAGE BOLT, 5/16-18 x 2
4	2172434SM	1	CLIP- WIRE DIA .390
5	1924940SM	2	WASHER, 3/8
6	1919439SM	2	NUT, Hex Lock ESNA Light, 3/8-16
7	1663752SM	2	SPACER, 25/64 x 5/8 x 3/16
8	1718858SM	1	BRACKET
9	1931350SM	2	BOLT, RD HD SH SQ NK
10	1928352SM	2	NUT, Hex Flange Whizlock, 3/8-16
11	1931648SM	4	CAPSCREW, Hex Flange Whizlock, 5/16-18 x 1/2
12	1720447SM	2	EDGING, 11 Long, Black Rubber
13	1704299SM	2	SPACER
14	1709308SM	2	SPRING, Compression
15	1719809SM	1	PLATE, Switch
16	1707137SM	1	SPRING, Extension, Black
17	1709256SM	2	WASHER, Spring, 5/16 x 1 1/4
18	1919438SM	2	NUT, Hex Lock ESNA Light, 5/16-18
19	1704724SM	2	COVER, Spring, Black Vinyl
20	1721111SM	1	DOOR & HINGE ASSEMBLY, Hopper
21	1715917SM	1	CAP, Fuel Tank, Black
22	1719206SM	1	TANK, Fuel
23	1654930SM	1	BUSHING, Rubber
24	1704108SM	1	ELBOW & TUBE ASSEMBLY
25	1916622SM	2	NUT, Hex 1/4-20
26	1916964SM	2	LOCKWASHER, 1/4
27	1921319SM	2	WASHER, 1/4
28	1707471SM	1	SPRING, Extension
29	1729540SM	1	DECK & WELD STUDS ASSEMBLY, Seat, Red
29	1719679SM	1	DECK & WELD STUDS ASSEMBLY, Seat, Orange
30	1960459SM	2	CAPSCREW, Truss Head, Torx Drive, 3/8-16 x 1
31	1708361SM	1	PLATE
32	1925003SM	4	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 1/2
33	1701229SM	1	BUSHING, Snap
34	1930601SM	2	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
35	1719392SM	1	HOLDER, Cup, Black Plastic
36	1704728SM	2	SPRING, Compression
37	1714441SM	1	SLIDE, Seat
38	1704723SM	1	GRIP, Black Vinyl
39	1719712SM	1	LEVER, Seat Release
40	1931339SM	2	CARRIAGE BOLT, 1/4-20 x 3/4

Steering Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



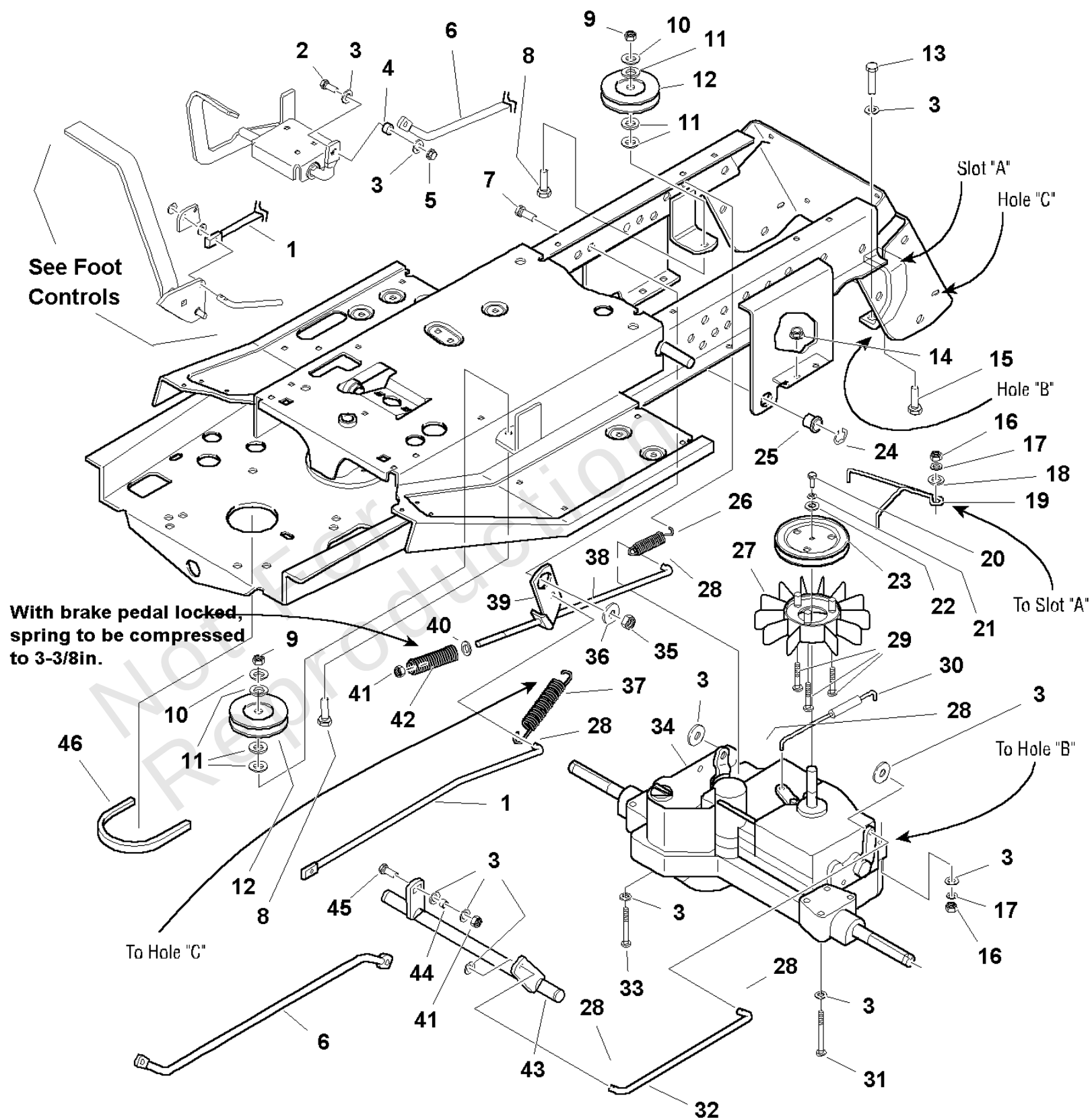
Steering Group

REF NO	PART NO	QTY	DESCRIPTION
1	1714400SM	1	TUBE, Flexible Black Rubber
2	1960540SM	1	PIN, Spring, 5/16 x 2-1/2
3	1719471SM	1	WHEEL, Steering
4	1719810SM	1	CAP, Steering Wheel
5	1919314SM	1	PIN, Cotter, 3/16 x 1-1/4
6	1960114SM	7	WASHER, 3/4
7	1960529SM	1	WASHER, Plain, 1 x 1-1/2 x .07
8	1931350SM	2	BOLT, RD HD SH SQ NK
9	1703508ASM	1	PLATE, Mounting, Steering
10	1928352SM	2	NUT, Hex Flange Whizlock, 3/8-16
11	2176440SM	3	BUSHING-0.765IDX
12	1720122SM	1	SHAFT & GEAR ASSEMBLY, Steering
13	1921221SM	1	CAPSCREW, Hex Head, 5/16-18 x 1-1/2
14	1686824SM	1	GEAR & HUB ASSEMBLY, Steering
15	1921968SM	2	CAPSCREW, Hex, 3/8-16 x 1-3/8
16	1673796SM	1	SPACER
17	1919438SM	1	NUT, Hex Lock ESNA Light, 5/16-18
18	1708236SM	2	SPACER
19	1922755SM	2	WASHER, 3/8
20	1930645SM	4	NUT, Hex Flange Two-Way Lock, 3/8-16
21	1702779SM	2	JOINT-BALL .500-20 TH
22	1919262SM	2	NUT, Hex Jam 1/2-20
23	1708084A	1	DRAG LINK
24	1685478SM	1	DRAG LINK ASSEMBLY, (Includes Ref. Nos. 21, 22 & 23)
25	1715308ASM	2	SPINDLE ASSEMBLY
26	1921968SM	2	CAPSCREW, Hex, 3/8-16 x 1-3/8
27	1611705SM	2	SPACER-0.385IDX0
28	1706997SM	1	STEERING ARM ASSEMBLY, L H
29	1960020SM	2	WASHER, Plain, 21/32
30	1704420SM	2	KLIPRING, 5/8
31	1706956SM	1	TIE ROD
32	1706996SM	1	STEERING ARM ASSEMBLY, R H
33	1960373SM	2	CAPSCREW, Hex Head, Taptite, 5/16-18 x 1
34	1928721SM	2	SET SCREW, Square Head, 5/16- 18 x 1/2
35	1713532	1	PITMAN ARM ASSEMBLY
36	2830670SM	1	KEY, Hi-Pro

Transmission Drive & Carrier Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



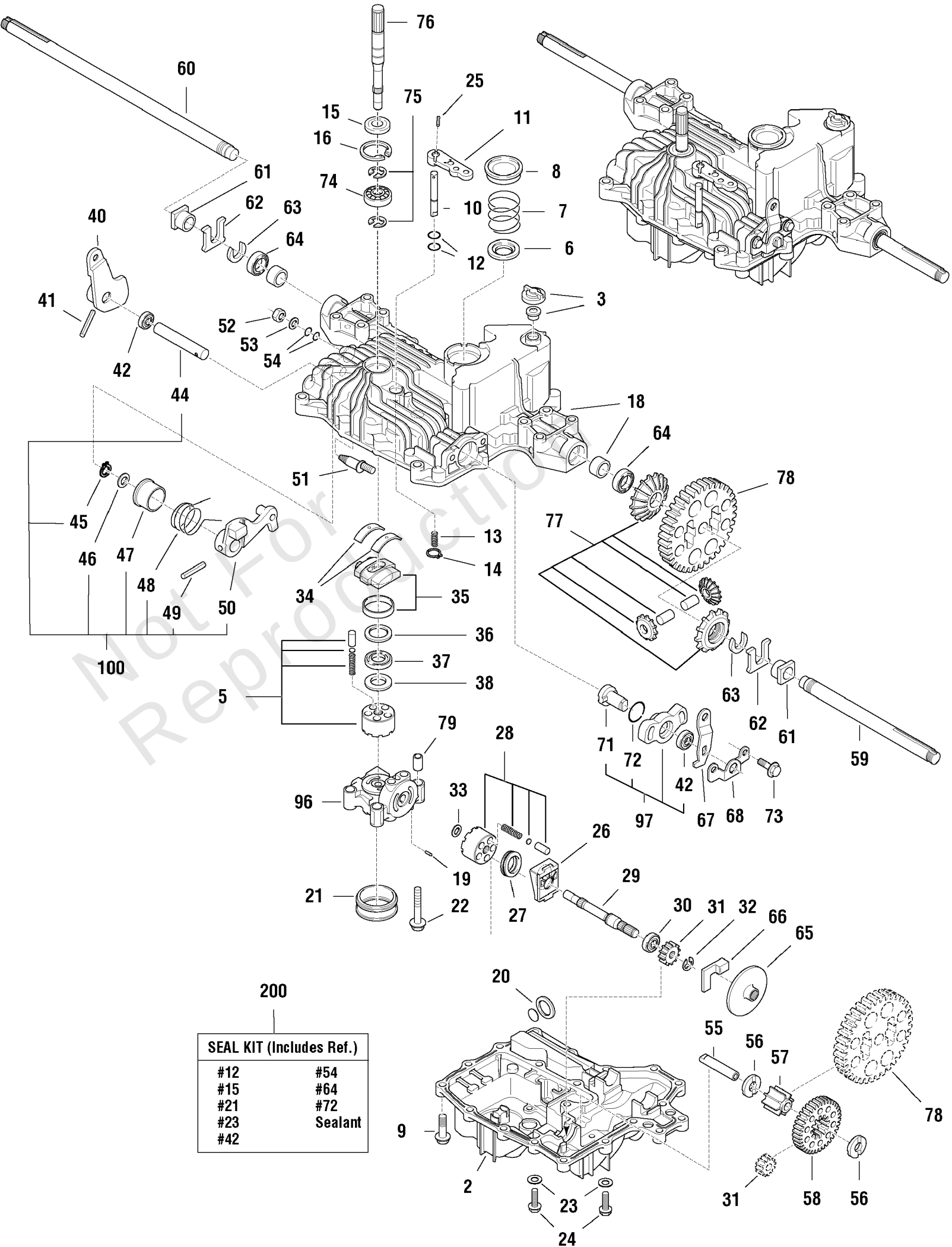
Transmission Drive & Carrier Group

REF NO	PART NO	QTY	DESCRIPTION
1	1720019SM	1	ROD, Front Brake
2	1923325SM	1	CAPSCREW, Hex Head, 5/16-18 x 7/8
3	1919326SM	12	WASHER, 5/16
4	1703900SM	1	SPACER
5	1935048SM	1	NUT, Hex Flange Two-Way Lock, 5/16-18
6	1719268SM	1	ROD, Pedal
7	1921210SM	1	CAPSCREW, Hex Head, 3/8-16 x 1
8	1931352SM	2	BOLT, Carriage, Short Neck, 3/8-16 x 1-1/2
9	1916950SM	2	NUT, Hex, 3/8-16
10	1916965SM	2	LOCKWASHER, 3/8
11	1924940SM	6	WASHER, 3/8
12	2174561SM	2	PULLEY
13	1922127SM	1	SCREW, Hex Head Cap, 5/16-18 x 1 3/4
14	1935048SM	4	NUT, Hex Flange Two-Way Lock, 5/16-18
15	1960223SM	1	BOLT-RD HD SH SQ NK 5
16	1917372SM	2	NUT, Hex, 5/16-18
17	1917356SM	2	LOCKWASHER, 5/16
18	1919381SM	1	WASHER
19	1719993SM	1	GUIDE, Belt
20	1960613SM	1	CAPSCREW, Hex Head, M06-1.00 x 20MM 8.8
21	1916964SM	1	LOCKWASHER, 1/4
22	1960353SM	1	WASHER, 1/4
23	1719902SM	1	PULLEY & HUB ASSEMBLY
24	2827794SM	2	KLIPRING, .75 Dia Shaft
25	2176440SM	2	BUSHING-0.765IDX
26	2106681SM	1	SPRING, Extension
27	1717425SM	1	FAN
28	1918447SM	5	PIN, Cotter, 3/32 x 3/4
29	1930810SM	3	CAPSCREW, Hex Washer Head Taptite, 1/4-20 x 1-1/2
30	1719312SM	1	ROD, Dump Valve
31	1960590SM	2	CAPSCREW, Hex Head, 5/16-18 x 3
32	1719269SM	1	ROD, Transmission
33	1921719SM	2	CAPSCREW, Hex Head, 5/16-18 x 2-1/2
34	1720108SM	1	TRANSMISSION ASSEMBLY, Tuff Torq K51
35	1922694SM	1	NUT, Hex Lock ESNA Heavy, 3/8-16
36	1714255SM	1	SPACER
37	1706553SM	1	SPRING, Extension
38	1720018SM	1	ROD, Rear Brake
39	1720022SM	1	ARM, Brake Pivot
40	1924874SM	1	WASHER
41	1919438SM	2	NUT, Hex Lock ESNA Light, 5/16-18
42	1663136SM	1	SPRING, Compression
43	1719253SM	1	SHAFT & ARMS ASSEMBLY
44	1666697SM	1	SPACER
45	1931335SM	1	BOLT, Carriage, Short Neck, 5/16-18 x 1
46	1720036SM	1	V-BELT

Transmission SERVICE PARTS - Tuff Torq K51D Transaxle Group (1720108)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



Transmission SERVICE PARTS - Tuff Torq K51D Transaxle Group (1720108)

REF NO	PART NO	QTY	DESCRIPTION
2	1721176SM	1	HOUSING, LOWER TUFF TORQ
3	1718052SM	1	VENT VALVE 15
5	1725831SM	1	CYLINDER BLOCK (Complete)
6	1718053SM	1	FILTER, 25-Disc
7	1718054SM	1	SPRING, (Filter)
8	1718055SM	1	SEALING CAP, 50
9	1707789SM	20	SCREW, Tapping, 8 * 30
10	1720417SM	1	SHAFT - BYPASS
11	1720418SM	1	LEVER, Bypass
12	1708691SM	2	O-RING, 1A P10A
13	1720419SM	1	SPRING, 8
14	1718061SM	1	RING, Snap, 10
15	1708651SM	1	SEAL TC 153507
16	1708650SM	1	RING, Snap, C 35
18	1720420SM	1	HOUSING, UPPER ASSEMBLY, Complete (Includes Ref. Nos. 76 & 77)
19	1718070SM	1	PIN, 3 * 9.8
20	1718065SM	1	MAGNET (Complete)
21	1718071SM	1	FILTER K50 SNP
22	1708667SM	3	BOLT, 10 x 60
23	1708649SM	2	WASHER, Seal 8
24	1708653SM	2	BOLT, 8 x 12
25	1707839SM	1	SPRING PIN, 3.0A * 20
26	1718077SM	1	MOTOR HOUSING
27	1718078SM	1	BEARING, Motor Thrust, 51106
28	1718079SM	1	KIT, Cylinder Block
29	1718080SM	1	SHAFT, Motor
30	1718083SM	1	BEARING, 6202UC3
31	1720425SM	1	MOTOR GEAR
32	1718081SM	1	E-RING
33	1718084SM	1	WASHER, 12 * 24 * 1
34	1718089SM	2	THRUST METAL
35	1720426SM	1	SWASH PLATE ASSEMBLY
36	1718088SM	1	THRUST PLATE, B
37	1718086SM	1	THRUST BEARING K81105
38	1718087SM	1	THRUST PLATE, A
40	1718101SM	1	LEVER, Control
41	1718100SM	1	ROLL PIN 6 * 40
42	1718120SM	2	SEAL, TC 162606
44	1721179SM	1	SHAFT, CONTROL
45	1707912SM	1	RING, Snap
46	-----	1	WASHER, 17 x 30 x 1
47	-----	1	COLLAR, CONTROL
48	-----	1	SPRING, TORSION
49	1718097SM	1	SPRING PIN 6 x 25
50	-----	1	*CONTROL ARM, B
51	-----	1	*FULCRUM ECCENTRICITY
52	1708692SM	1	NUT 12
53	1708689SM	1	WASHER, 12

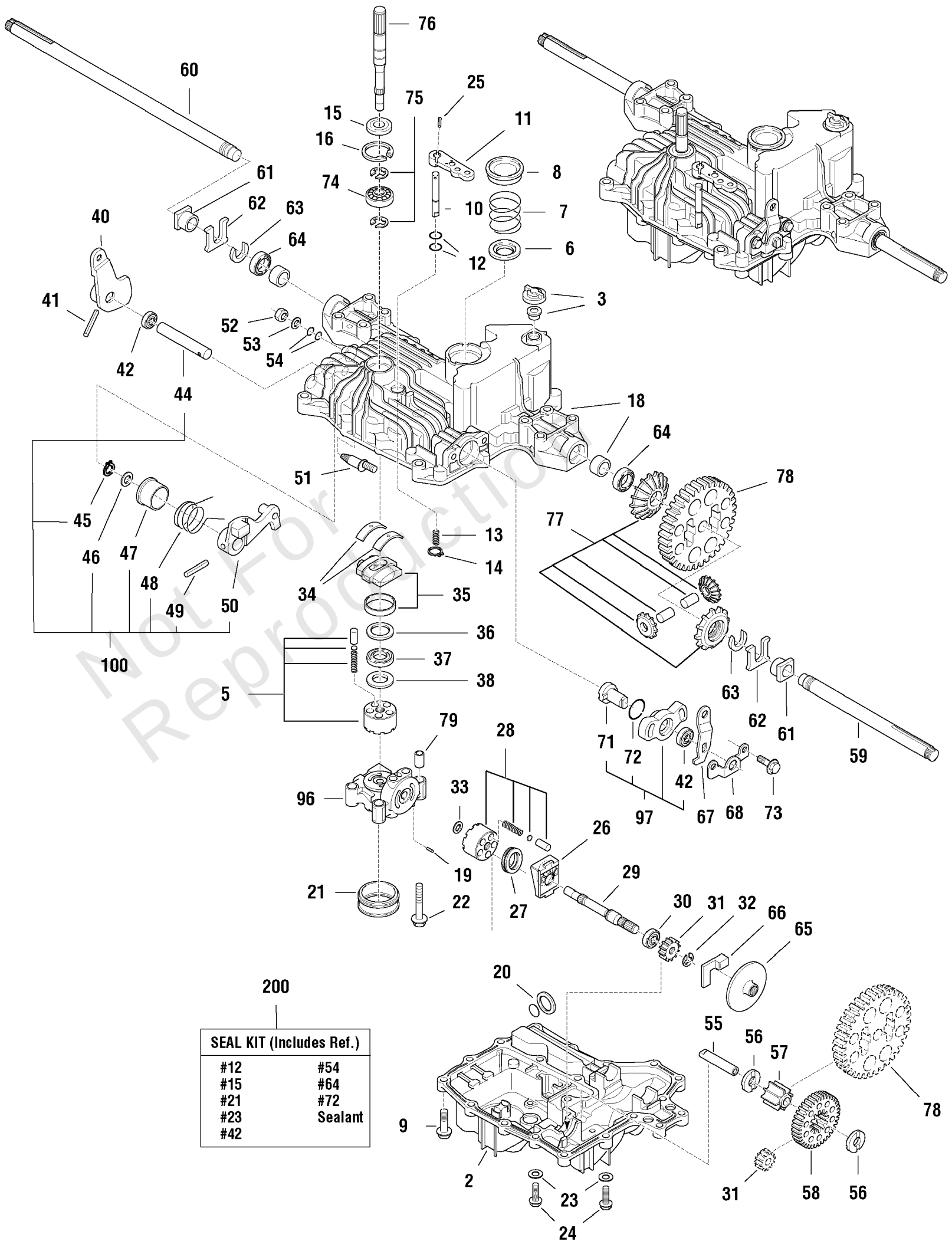
Footnotes:

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 K51D Transaxle Group (1720108)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



Transmission SERVICE PARTS - Tuff Torq K51D Transaxle Group (1720108)

REF NO	PART NO	QTY	DESCRIPTION
54	1707879SM	2	O-RING 1A P14
55	-----	1	*SHAFT, Reduction
56	-----	2	*WASHER, 12 x 32 x 3.2
57	1718107SM	1	PINION, Final
58	-----	1	*GEAR, Reduction
59	-----	1	*AXLE SHAFT, Left
60	1718109SM	1	SHAFT, Axle, Right
61	1718110SM	2	BUSHING, 19 * 25
62	1718112SM	2	THRUST WASHER
63	1718113SM	2	RING, 17
64	1718111SM	2	SEAL, 19 * 32 * 8 -(For this part only contact B&S Tech support)
65	1718114SM	1	DISK, Brake
66	1718115SM	1	SHOE, Brake
67	-----	1	*ARM, Brake
68	-----	1	*PLATE, Brake
71	1718117SM	1	SHAFT, Brake
72	1718121SM	1	PACKING, P29
73	-----	2	*BOLT, 8 x 30
74	1708673SM	1	BEARING, 6202C3
75	1718076SM	2	E-RING, 15
76	1720424SM	1	PUMP SHAFT, Tapered
77	1718103SM	1	GEAR KIT, Differential
78	1718102SM	1	GEAR, Final
79	1718069SM	2	KNOCK PIN, 12 x 22
96	1721177SM	1	CASE, CENTER A
97	1720442SM	1	BRAKE CAM KIT (Includes Ref. Nos. 71, 72, & 88) -(Includes Ref. Nos. 39, 71 & 72)
100	1721178SM	1	SHAFT ASSEMBLY, Control -(Includes Ref. Nos. 41, 42, 43, 44, 45, 46 & 47)
200	1727546YP	1	SEAL KIT, K51 & K56
201	-----	1	*KIT, Repair -(Not Shown)

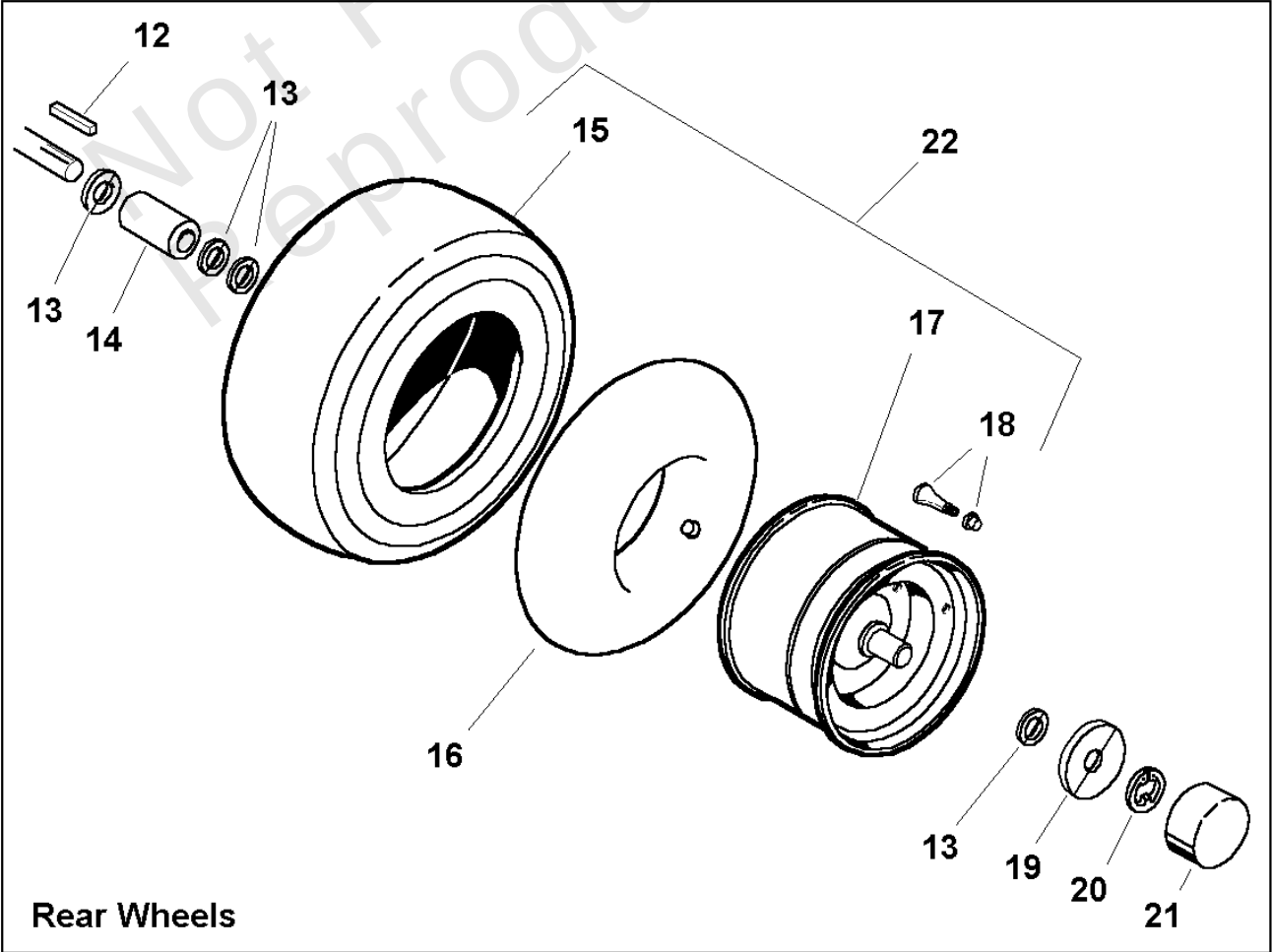
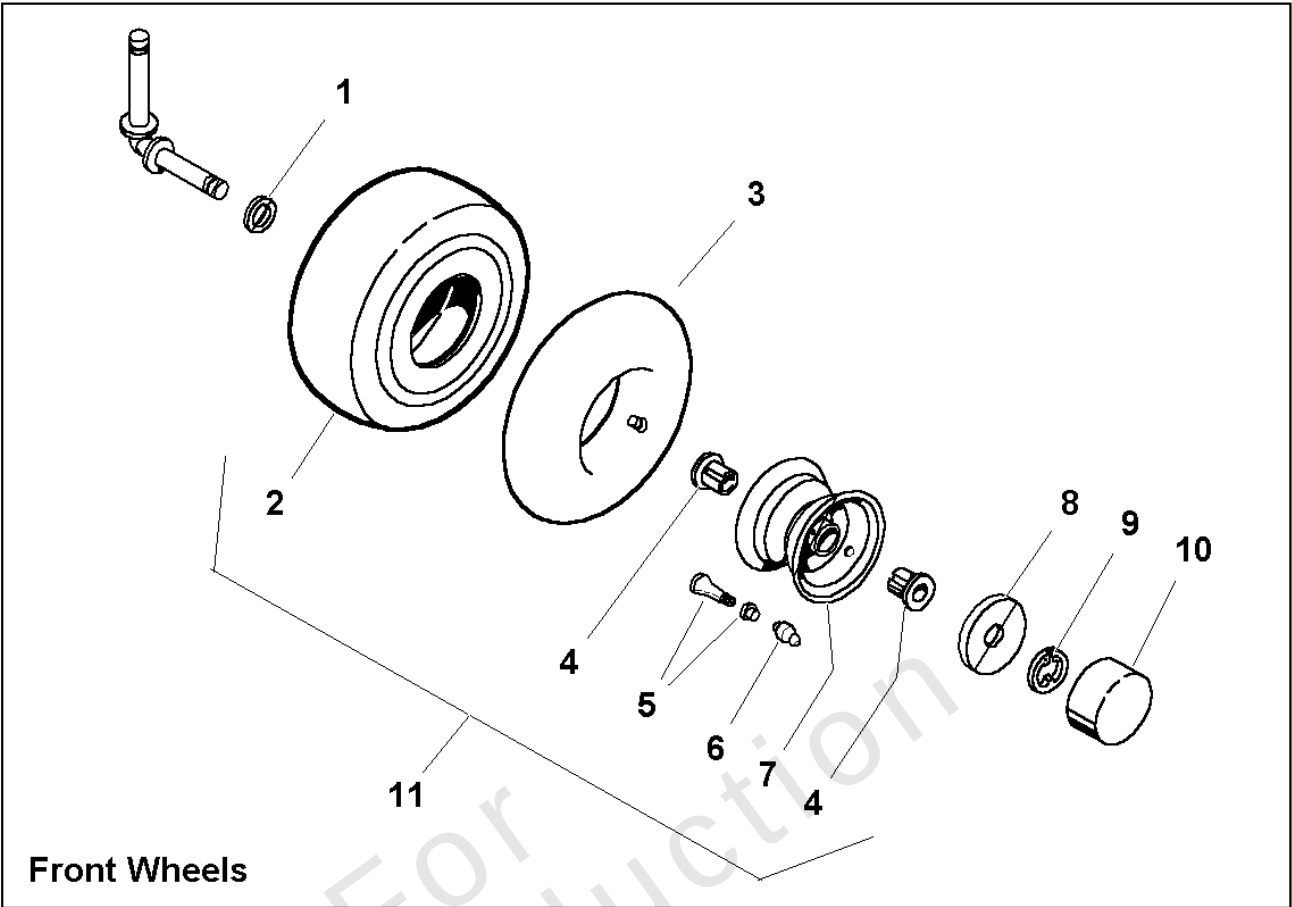
Footnotes:

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

Wheels & Tires Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 1693584



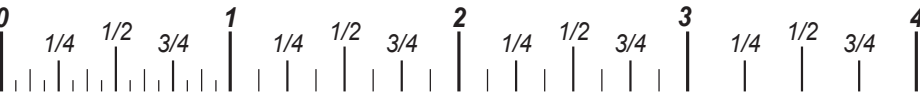
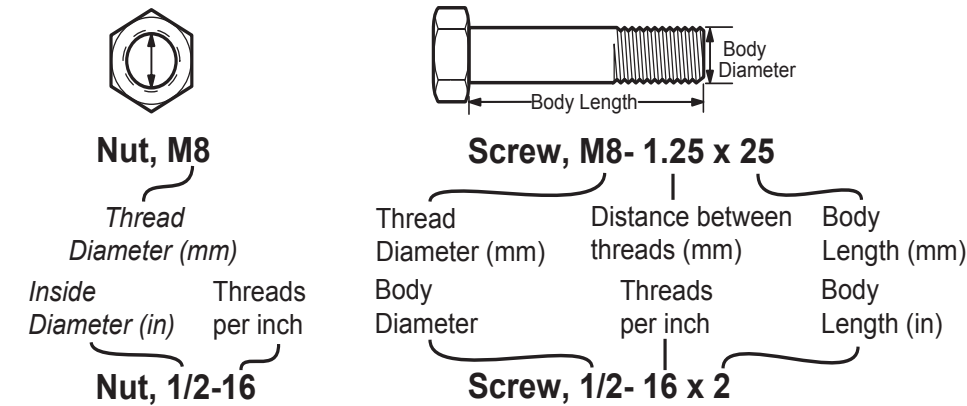
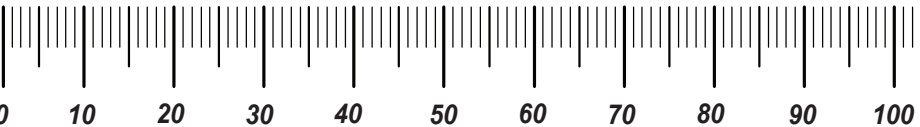
Wheels & Tires Group

REF NO	PART NO	QTY	DESCRIPTION
1	1960160SM	2	WASHER, Special, 3/4 (Install to the inside of wheel)
3	1664090SM	2	TUBE, 4.10/3.50-6
11	1709856SM	2	WHEEL & TIRE ASSEMBLY, 15 x 6.00-6 (Includes Ref. Nos. 2, 4, 5, 6, & 7)
2	1713166SM	2	TIRE, 15 x 6.00-6
4	1713167SM	4	BEARING
5	2172353SM	2	VALVE STEM & CAP
6	2812808SM	2	FITTING, Grease
7	1726301SM	2	WHEEL ASSEMBLY, (Includes Ref. No. 4)
8	1701435SM	4	RETAINER, Hub Cap, Black
9	1611710SM	2	RING, Retaining
10	1676519SM	2	CAP, Hub
12	1717749SM	2	KEY
13	2860202SM	8	WASHER
14	1717451SM	2	SPACER
16	2173477SM	2	TUBE
19	1701435SM	2	RETAINER, Cap, Hub
20	2827794SM	2	KLIPRING, .75 Dia Shaft
21	1676519SM	2	CAP, Hub, Black
22	1720099SM	2	WHEEL & TIRE ASSEMBLY, (Includes Ref. Nos. 15, 17, & 18)
15	1713170SM	2	TIRE, 18 x 8 1/2-8
17	1716132SM	2	WHEEL ASSEMBLY
18	2172353SM	2	VALVE STEM & CAP

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).

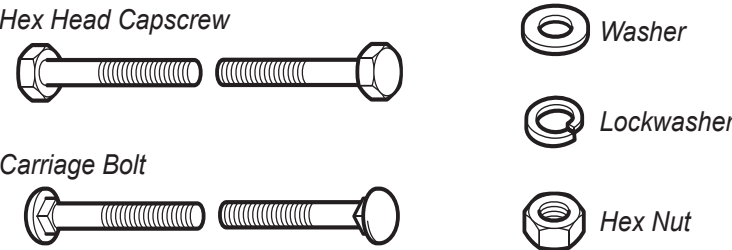
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

