



Parts Manual

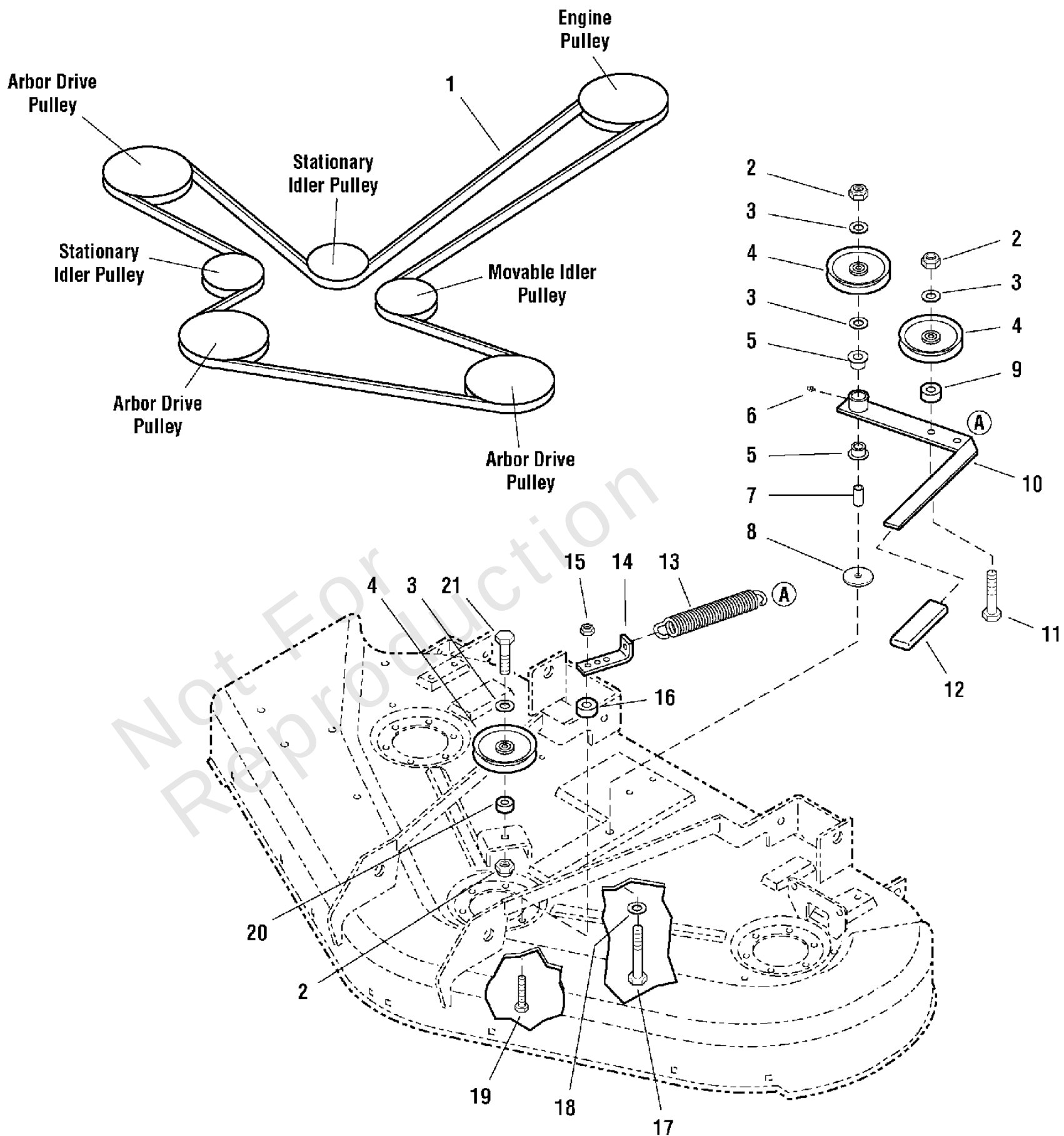
Mfg. No: 5091001
ZT20500BV, 50" 20 HP ZTR FastCut
Series 0

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44" & 50" Mower Deck - Belt & Idler Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



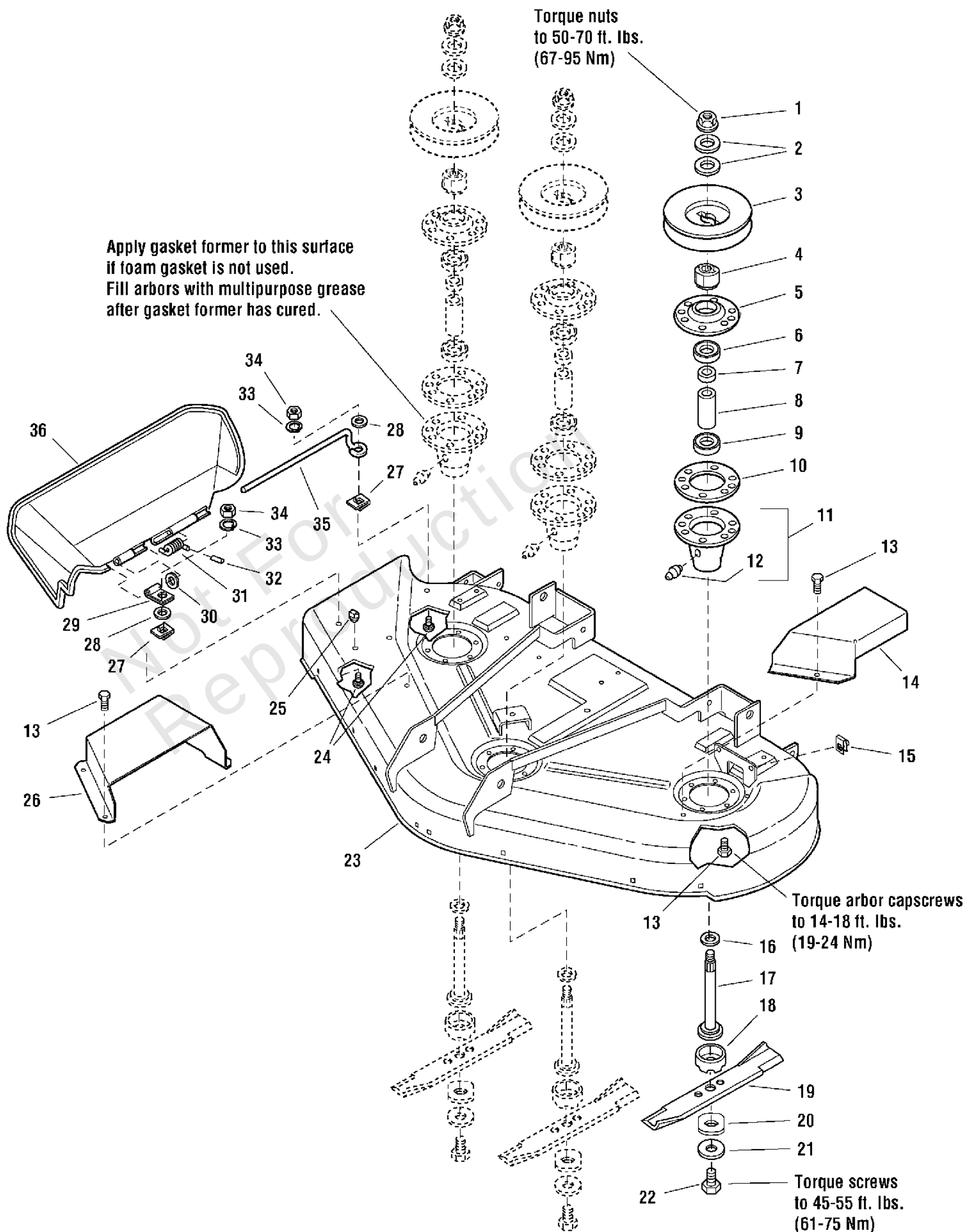
44" & 50" Mower Deck - Belt & Idler Group

REF NO	PART NO	QTY	DESCRIPTION
1	5023256	1	BELT (FOR 44" DECKS)
1	5023255	1	BELT (FOR 50" DECKS)
2	5025096	3	NUT, 3/8-16 HEX NYLON LOCK
3	3025156	4	WASHER, FLAT, 3/8 -(Was 5025156)
4	1724387	3	PULLEY, IDLER
5	1676148	2	BUSHING, 5/8 X 3/4 X 13/32, POWDER METAL
6	5020095	1	FITTING, GREASE
7	1674669	1	SPACER
8	5025305	1	WASHER, RETAINING -(Was 5045139)
9	5047125	1	SPACER, 3/8 X 1 X 7/8
10	5600051D	1	IDLER ARM -(Was 5048341D, includes items 5 & 6)
11	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ
12	5025510	1	GRIP, FOAM, 1/4 X 1 X 4.1
13	1715435	1	SPRING
14	5048383D	1	SPRING ANCHOR
15	7091298	1	NUT, HEX NYLON LOCK, 5/16-18 -(Was 5025057)
16	5045023	1	SPACER, 1/2 X 1 X 7/16
17	5025013X22	1	BOLT, 3/8-16 X 2-3/4" GD5 CZ
18	1924356	1	WASHER
19	5025055X12	1	CAPSCREW, HEX HEAD, TFL, 5/16-18 X 1-1/2
20	-----	1	SPACER (N/A)
21	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5 CZ

44" & 50" Mower Deck - Housing, Arbors & Blades Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



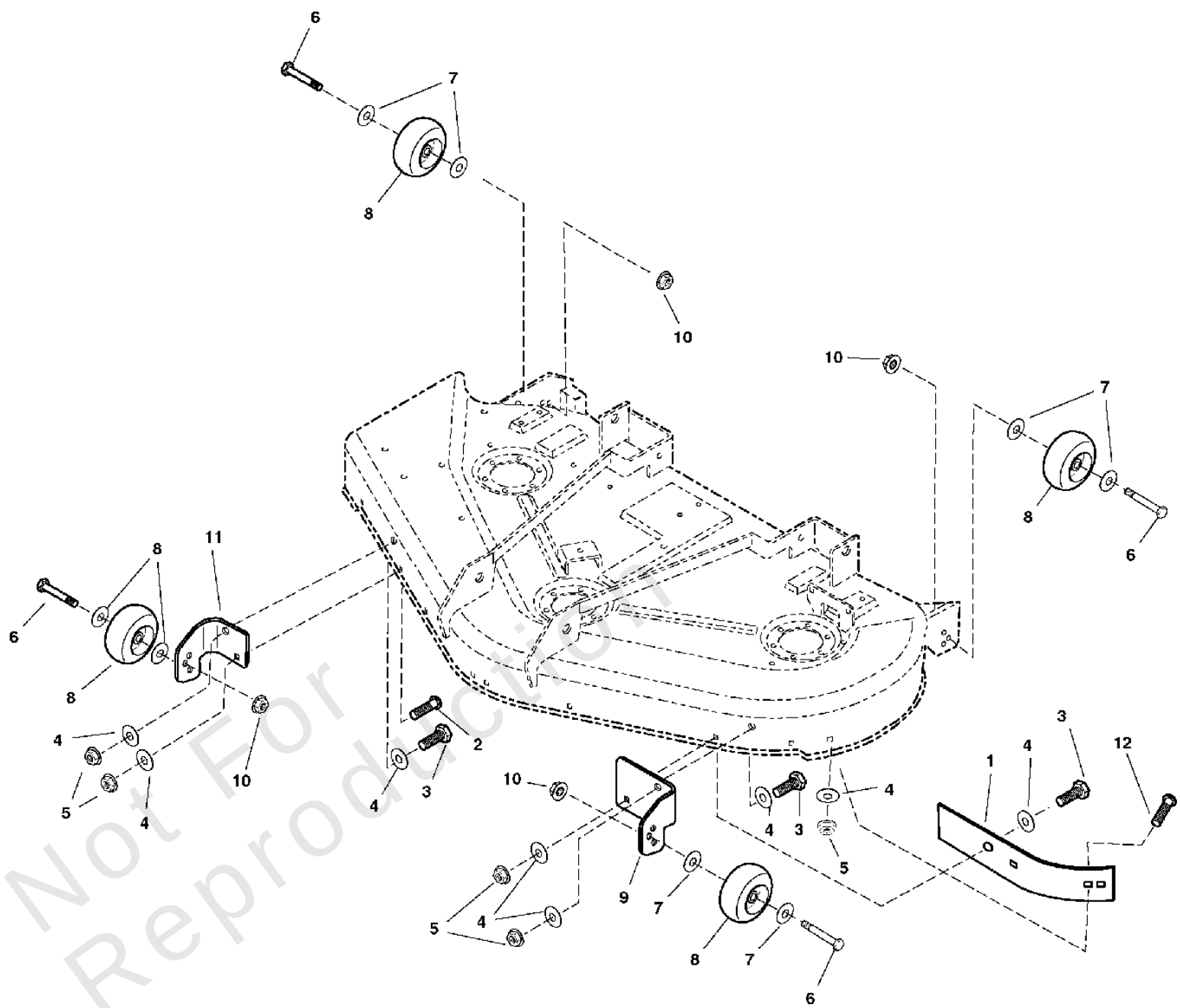
44" & 50" Mower Deck - Housing, Arbors & Blades Group

REF NO	PART NO	QTY	DESCRIPTION
1	1714419	3	NUT, HEX FLANGE, 9/16-18
2	1713675	6	WASHER, Bellville, 9/16
3	1713161	3	PULLEY, LH, .49" Shallow-Groove OD 4.5"
4	1713613	3	HUB
5	1655729A	3	COVER, ARBOR HOUSING -(Was 1655759)
6	2108202SM	3	BEARING, BALL
7	1715724	3	SPACER, 21/32 X 3/4 X 5/8
8	1715723	3	SPACER, 11/16 X 5/32 X 2-11/16
9	1705897	3	BEARING, BALL, 11/16 X 1-9/16 X 15/32
10	1707335	3	SEAL, FOAM
11	1713338	3	ARBOR HOUSING ASSEMBLY (INCLUDES REF. NO. 12)
12	1704314	3	FITTING, GREASE
13	7091541	24	CAPSCREW, HEX HEAD TAPTITE, 5/16-18 X 3/4 -(Was 1664847)
14	5048447D	1	COVER, ARBOR, LH
15	3022308	2	BODY CLIP, 5/16-18 -(Was 5022308)
16	1713619	3	WASHER, 9/16, BLACK
17	1713609	3	SHAFT, ARBOR
18	1713196	3	SHIELD, GRASS, LOWER
19	1727774	3	BLADE, MOWER, 16-1/8 (FOR 44" DECKS)
19	1726357	3	BLADE, MOWER, 18-1/8 (FOR 50" DECKS)
20	1713089	3	WASHER, HEX, 11/16 X 2
21	1656916	3	WASHER, SPRING, 15/32, BLACK
22	2923471	3	CAPSCREW, HEX HEAD, 7/16-14 X 1-1/4
23	5049096D	1	DECK SHELL W/DECALS, 44" MOWER (includes decals)
23	5049097D	1	DECK SHELL W/DECALS, 50" MOWER (includes decals)
24	1931318	2	CARRIAGE BOLT, 1/4-20 X 7/8
25	1705115	1	PLUG, HOLE
26	5048446D	1	COVER, ARBOR, RH
27	1960518	2	NUT, PUSH
28	1960353	2	WASHER, 1/4, BLACK
29	1704873	1	CLAMP
30	1919326	1	WASHER, 5/16, BLACK
31	1723938	1	SPRING
32	1723323	1	VINYL CAP
33	1916964	2	WASHER, LOCK, 1/4
34	1916622	2	NUT, HEX, 1/4-20
35	5049245	1	ROD, DEFLECTOR
36	1705449	1	DEFLECTOR, PLASTIC

50" Mower Deck - Caster Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



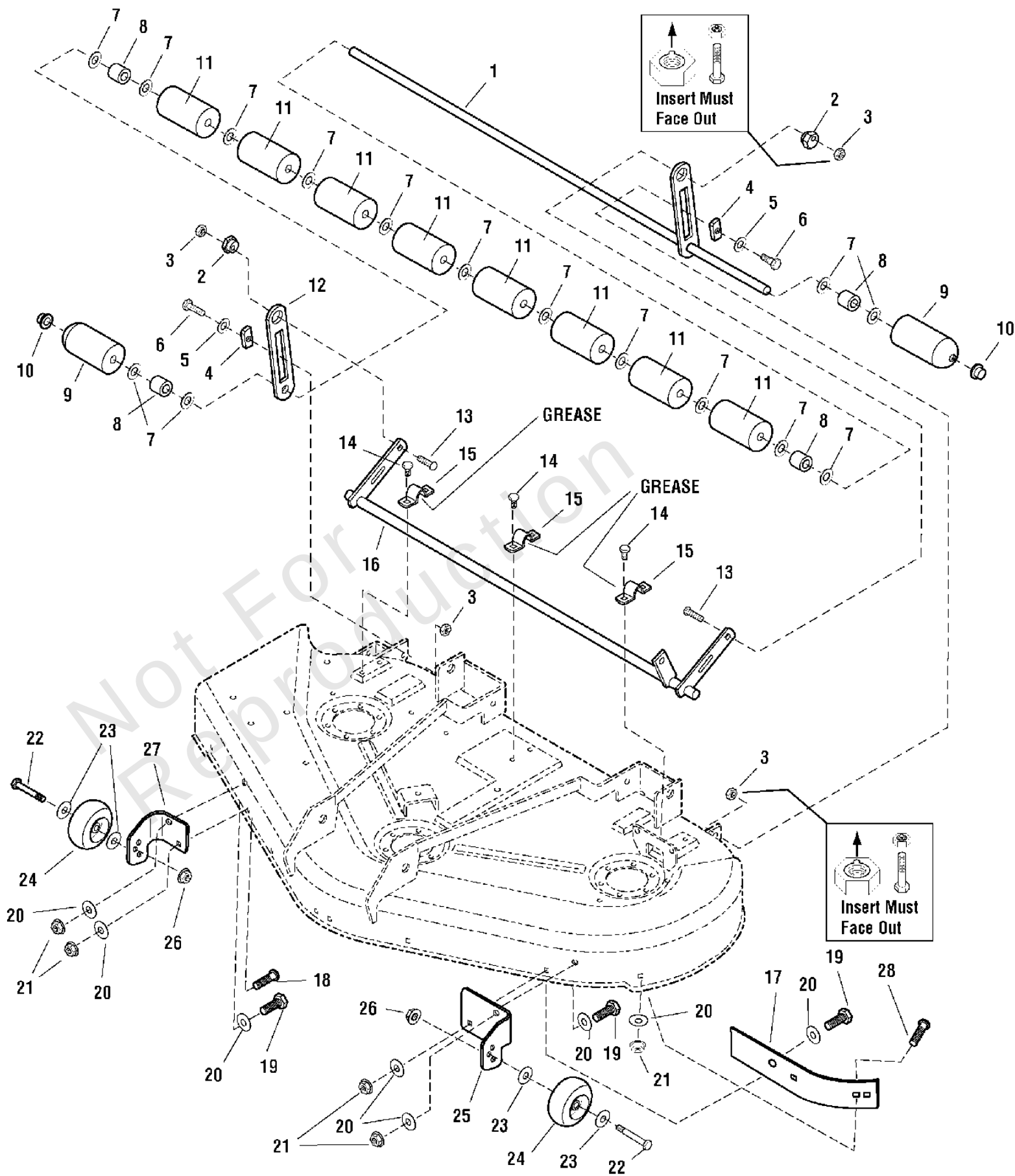
50" Mower Deck - Caster Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	1724538A	1	SHORT BLOWOUT BAFFLE
2	5025145X8	1	CARRIAGE BOLT, 5/16-18 X 1
3	5025011X8	3	CAPSCREW, HEX HEAD,5/16-18 X 1
4	7091098	8	WASHER, 5/16, PLAIN, SAE -(Was 5025155)
5	7091298	5	NUT, 5/16-18, HEX, NYLON LOCK -(Was 5025057)
6	2108765	4	BOLT, REAR WHEEL
7	80003590	8	WASHER,.516IDX.875ODX.06,FLAT,ZC/CL
8	1714760	4	GAUGE, WHEEL
9	5049017D	1	BRACKET, GAUGE WHEEL, LH
10	1930645	4	NUT, FLANGE, SIDELOCK, 3/8-16
11	5049018D	1	BRACKET, GAUGE WHEEL, RH
12	5025145X6	1	CARRIAGE BOLT, 5/16-18 X 3/4

50" Mower Deck - Roller Bar Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



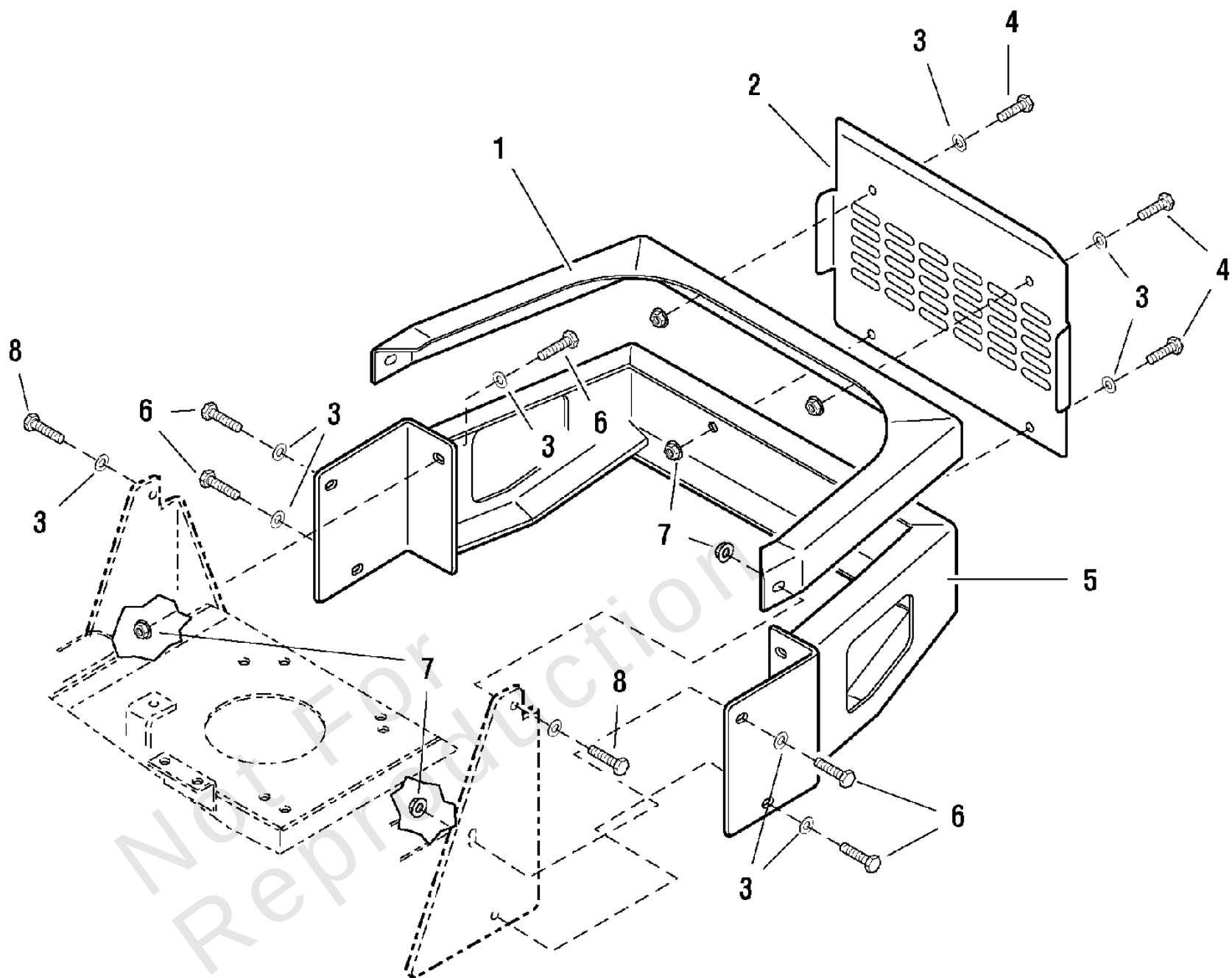
50" Mower Deck - Roller Bar Group

REF NO	PART NO	QTY	DESCRIPTION
1	5048746C	1	SHAFT, ROLLER, 50"
2	1704082	2	NUT, ADJUSTER
3	7960641	4	NUT, HEX ALUMINUM INSERT LOCK, 3/8-16
4	1677507	2	SLIDE
5	7091587	2	WASHER, PLAIN, 1/2 -(Was 1924361)
6	2172622	2	BOLT, SHOULDER, 3/8-16
7	1924366	15	WASHER, .661 ID X 1.12 OD X .11, BLACK
8	1709195	8	SPACER, 0.666 ID X 0.876OD X 1.25 LG SPLIT BLK
9	1722036	2	ROLLER, ROUNDED
10	1960520	2	NUT, PUSH
11	1668513	8	ROLLER
12	503849040	1	BAR, ROLLER
13	1931352	2	CARRIAGE BOLT, 3/8-16 X 1-1/2
14	7091541	6	CAPSCREW, HEX HEAD TAPTITE, 5/16-18 X 3/4 -(Was 1664847)
15	1665374A	3	STRAP
16	3848674	1	SHAFT, DECK LIFT, 50"
17	1724538A	1	SHORT BLOWOUT BAFFLE
18	5025145X8	1	CARRIAGE BOLT, 5/16-18 X 1
19	5025011X8	3	CAPSCREW, HEX HEAD, 5/16-18 X 1
20	7091098	8	WASHER, 5/16, PLAIN, SAE -(Was 5025155)
21	7091298	5	NUT, 5/16-18, HEX, NYLON LOCK -(Was 5025057)
22	2108765	2	BOLT, REAR WHEEL
23	80003590	4	WASHER, .516ID X .875OD X .06, FLAT, ZC/CL
24	1714760	2	GAUGE, WHEEL
25	5049017C	1	BRACKET, GAUGE WHEEL, LH
26	1930645	2	NUT, FLANGE, SIDELOCK, 3/8-16
27	5049018C	1	BRACKET, GAUGE WHEEL, RH
28	5025145X6	1	CARRIAGE BOLT, 5/16-18 X 3/4

Bumper Shield Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



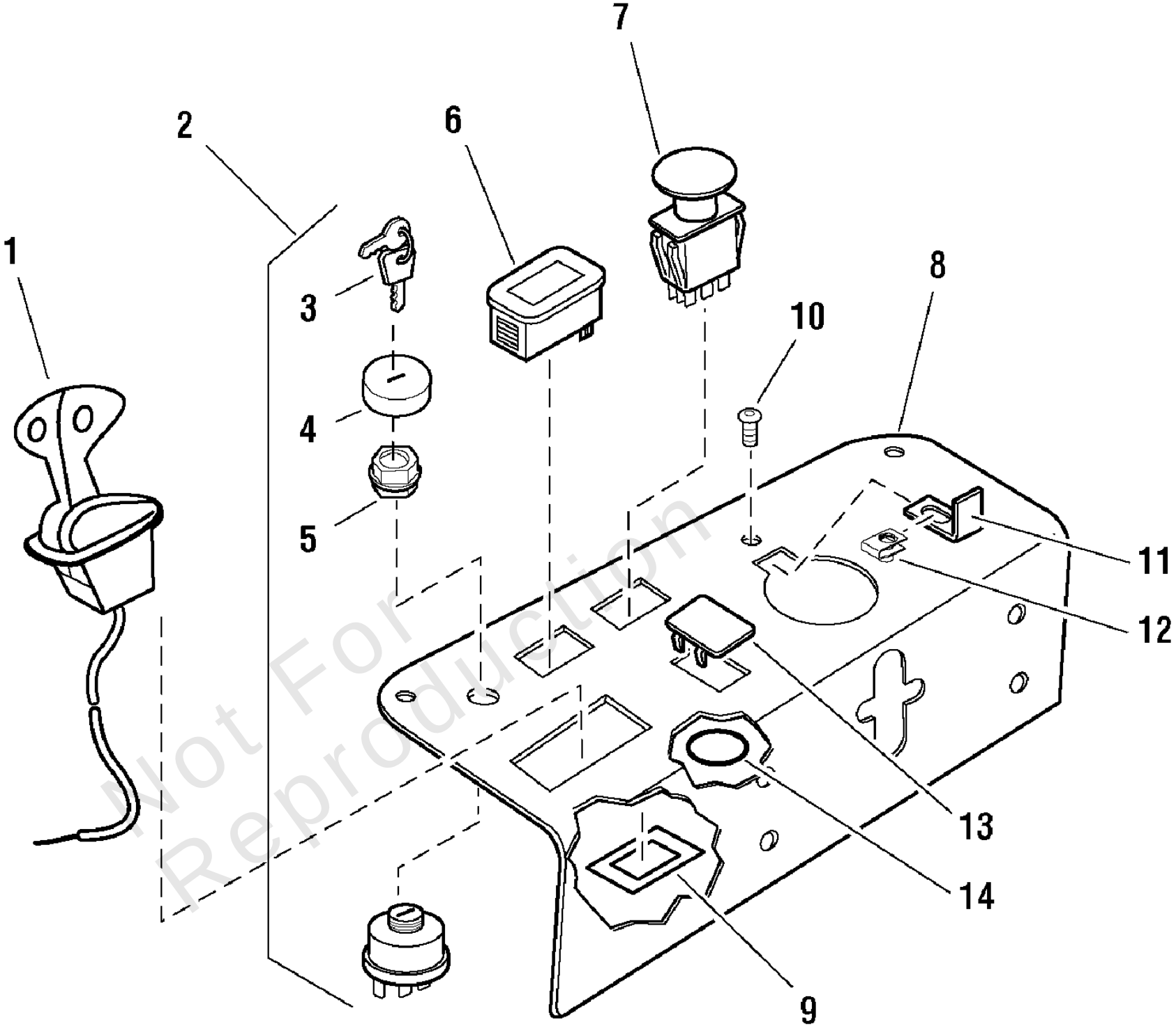
Bumper Shield Group

REF NO	PART NO	QTY	DESCRIPTION
1	5048887D	1	TOP BUMPER
2	5048257D	1	BUMPER SHIELD
3	7091098	12	WASHER, SAE, 5/16 -(Was 5025155)
4	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
5	5048249D	1	LOWER BUMPER
6	5025011X10	6	CAPSCREW, Hex Head, 5/16-18 x 1-1/4
7	5025127	12	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
8	5025011X8	2	CAPSCREW, Hex Head, 5/16-18 x 1

Controls Group - Panel

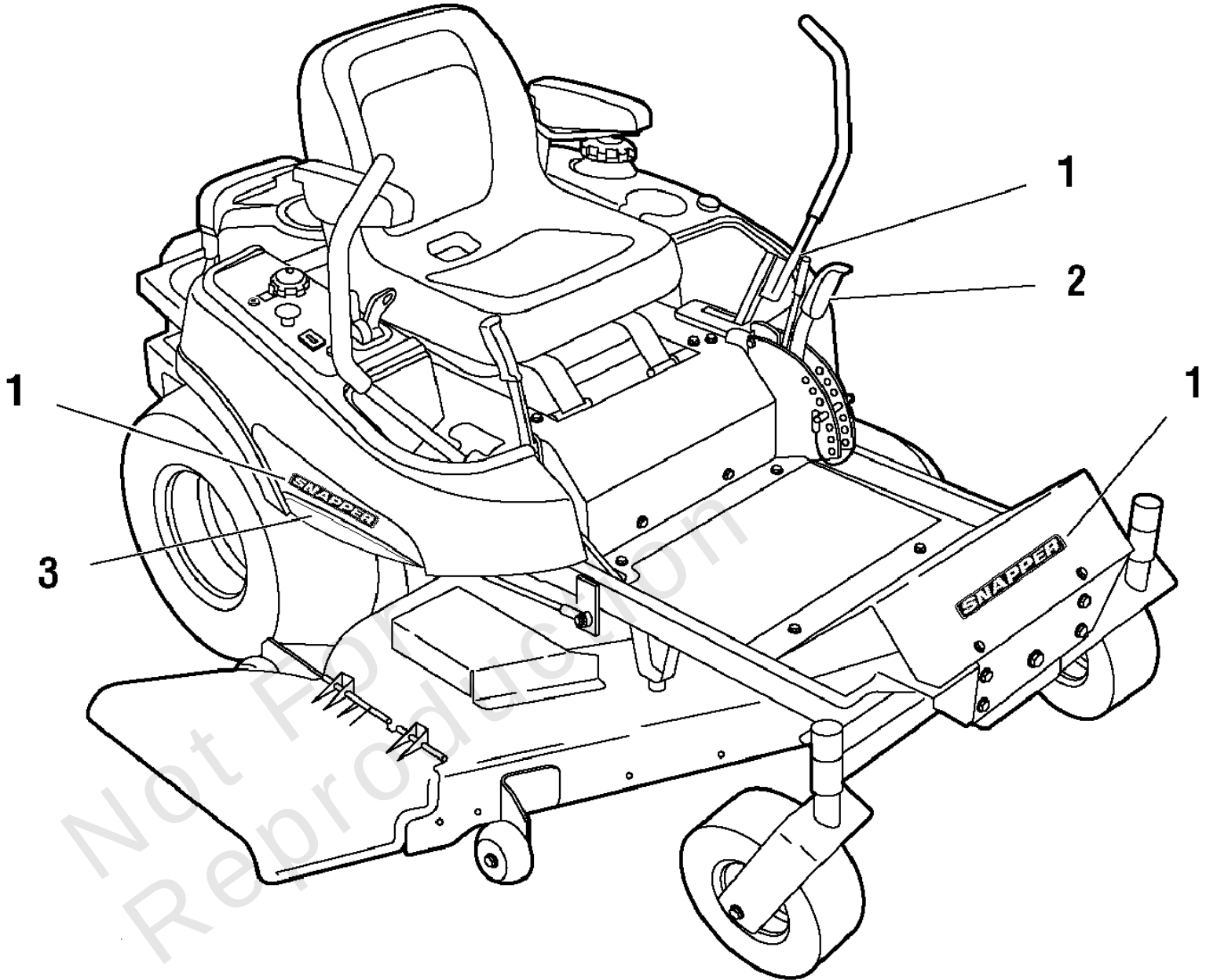
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



Controls Group - Panel

REF NO	PART NO	QTY	DESCRIPTION
1	7072517	1	DUAL CHOKE/THROTTLE LEVER -(Was 1721950)
2	5020927	1	SWITCH, IGNITION, 6 POST
3	7073406	1	KEY, Ignition Molded (Set of 2) -(5022789)
4	5022790	1	COVER, PLASTIC, SNAP ON
5	5022791	1	PLASTIC NUT
6	1687008	1	HOUR METER, DIGITAL (Includes Retaining Ring) -(Was 1725523)
7	5022180	1	SWITCH, PTO
8	5048758A	1	CONTROL PANEL
9	5022222	1	RING, SWITCH RETAINER
10	5025229X4	1	CAPSCREW, BUTTON ALLEN HEAD, 1/4-20 x 3/4
11	5049022A	1	LOCK BRACKET
12	5022665	1	BODY CLIP, 1/4-20
13	1709188	1	HOLE PLUG
14	5022269	1	O-RING



Decals Group - Brand & Model

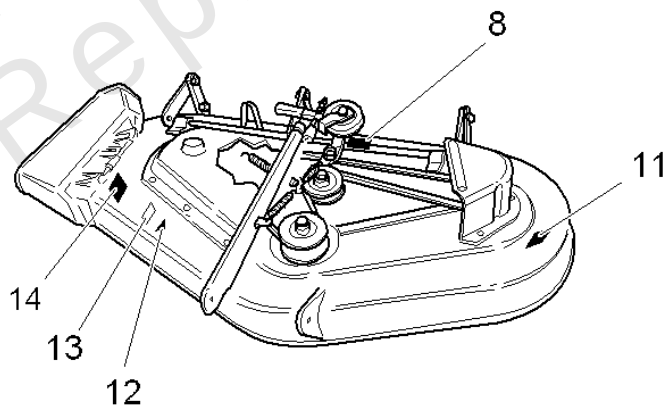
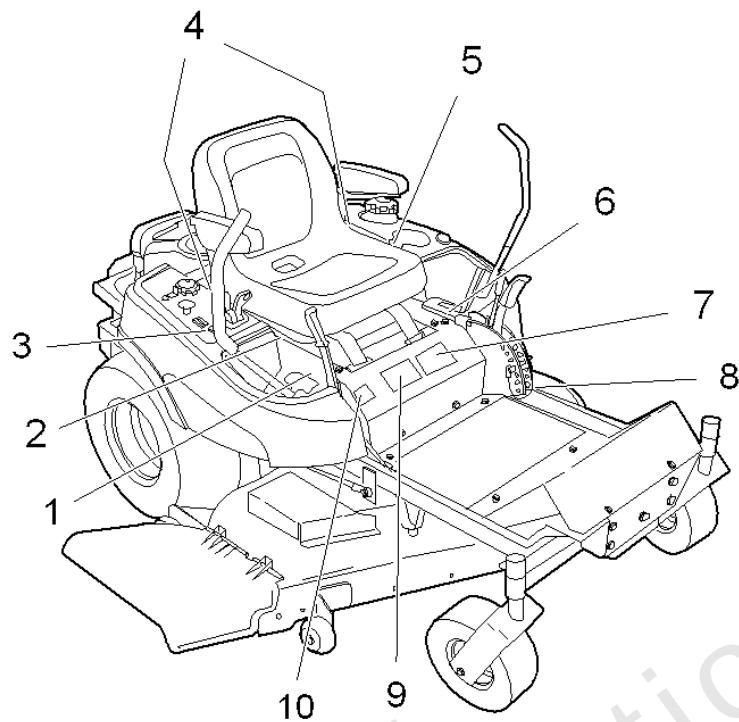
REF NO	PART NO	QTY	DESCRIPTION
1	7075760	3	DECAL, Snapper, 8" long
2	5023228	1	DECAL, Stripe, LH
3	5023229	1	DECAL, Stripe, RH

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Decals Group - Safety & Common

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



Bells & Blades	
Tractor	
Pump Drive Belt	50122815
44" Mower	
Deck Drive Belt	7C3372
Mower Blade	7C4103
50" Mower	
Deck Drive Belt	7C4507
Mower Blade	7C3228

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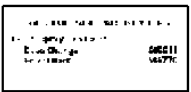
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Decals Group - Safety & Common

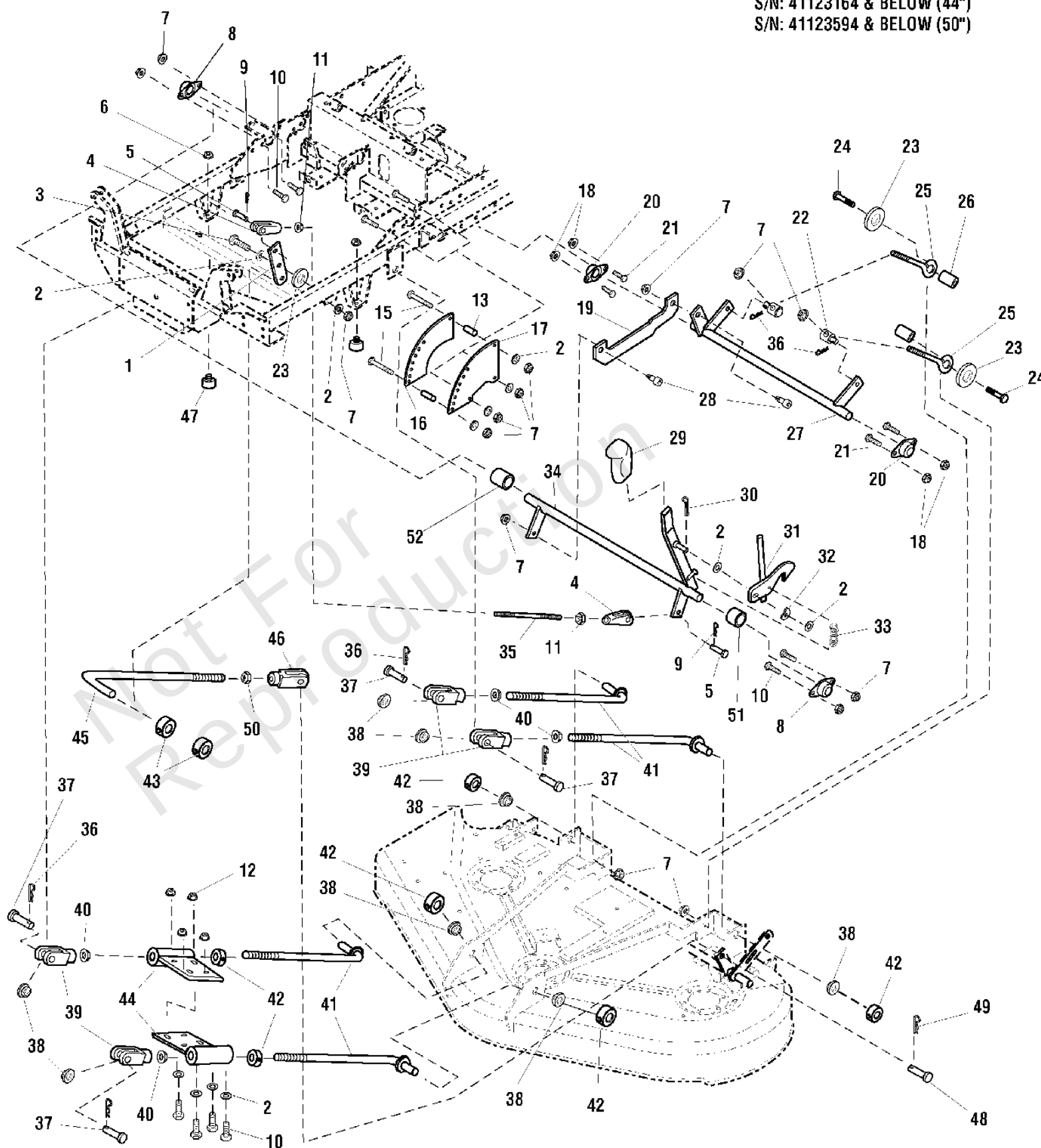
REF NO	PART NO	QTY	DESCRIPTION
1	1725671	1	DECAL, Motion Control, RH
2	5048907	1	DECAL, Belt and Blade
3	7172806	1	DECAL, Ignition Switch Symbol, White/Black
4	5045562	2	DECAL, Transmission Release, Free Wheel
5	1720454	1	DECAL, Touch Up Paint
6	1725671	1	DECAL, Motion Control, LH
7	1725673	1	DECAL, Danger
8	-----	1	DECAL, I.D. Plate -(Not a service part.)
9	1725672	1	DECAL, Warning
10	1725669	1	DECAL, Parking Brake
11	1704276	1	DECAL, Danger Do Not Put Hands/Feet in Mower
12	-----	1	DECAL, OPEI Certified -(Not a service part.)
13	1722789	1	DECAL, 44"
13	1722790	1	DECAL, 50"
14	1704277	1	DECAL, Danger Do Not Operate Without Deflector

Deck Lift Group Version 1

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001

SNAPPER:
S/N: 41123164 & BELOW (44")
S/N: 41123594 & BELOW (50")



Deck Lift Group Version 1

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	* REVERSING LINK
2	3025156	11	WASHER, 3/8, SAE -(Was 5025156)
3	5025013X12	1	BOLT, 3/8-16 X 1-1/2" GD5 CZ
4	-----	2	* PLASTIC CLEVIS, 3/8-24
5	-----	2	* PIN, 3/8 DIA X 1"
6	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
7	5025096	11	NUT, 3/8-16 HEX NYLON LOCK
8	5021098	2	BRONZE FLANGE BEARING, 3/4"
9	-----	2	* COTTER PIN
10	5025013X6	8	BOLT, 3/8-16 X 3/4" GD5 CZ
11	-----	2	* JAM NUT, HEX, 3/8-24
12	5025128	4	HEX NUT, SERRATED FLANGE, 3/8-16
13	5048264	2	SPACER
14	5023082	1	HITCH PIN ASSM, 1/2 X 3.50 (NOT SHOWN)
15	5025013X20	2	BOLT, 3/8-16 X 2-1/2" GD5 CZ
16	5048750D	1	DECK HEIGHT PLATE, INNER
17	5048744D	1	DECK HEIGHT PLATE, OUTER
18	7091298	4	HEX NUT, NYLON LOC, 5/16-18 -(Was 5025057)
19	5048733D	1	DECK LIFT LINK
20	5021098	2	BRONZE FLANGE BUSHING
21	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
22	5045947	2	ADJUSTER, BRAKE LINKAGE
23	5025305	3	WASHER, 1-3/4 OD X .390 ID -(Was 5045139009)
24	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 CZ
25	5021812	2	EYE BOLT, 3/8-16
26	5047125	2	SPACER
27	5048711D	1	REAR DECK LIFT SHAFT
28	5025356	2	BOLT, 1/2" X 3/8" SHOULDER
29	5100171	1	HANDLE COVER -(Was 5023198)
30	5025202X12	1	COTTER PIN, 3/16 X 1-1/2
31	5048884D	1	DECK LOCK
32	5023202	1	SPRING WASHER, 3/8
33	5020639	1	EXTENSION SPRING
34	5048697D	1	DECK HEIGHT SHAFT
35	-----	1	* ROD, 3/8
36	5025210	6	HAIRPIN
37	5025328X12	4	PIN, CLEVIS, 1/2 X 1-1/2
38	5048258	4	SUPPORT BUSHING
39	5023174	4	CLEVIS, 1/2-20
40	5025089	4	HEX JAM NUT, 1/2-20
41	5049173	4	DECK HANGER ROD -(Was 5048768)
42	5023241	6	SPLIT COLLAR, 1/2"
43	-----	2	* SPLIT COLLAR, 1/2"
44	5048902D	2	DECK STABILIZER
45	-----	1	* ROLLER CONNECTING ROD (44" DECK)

Footnotes:

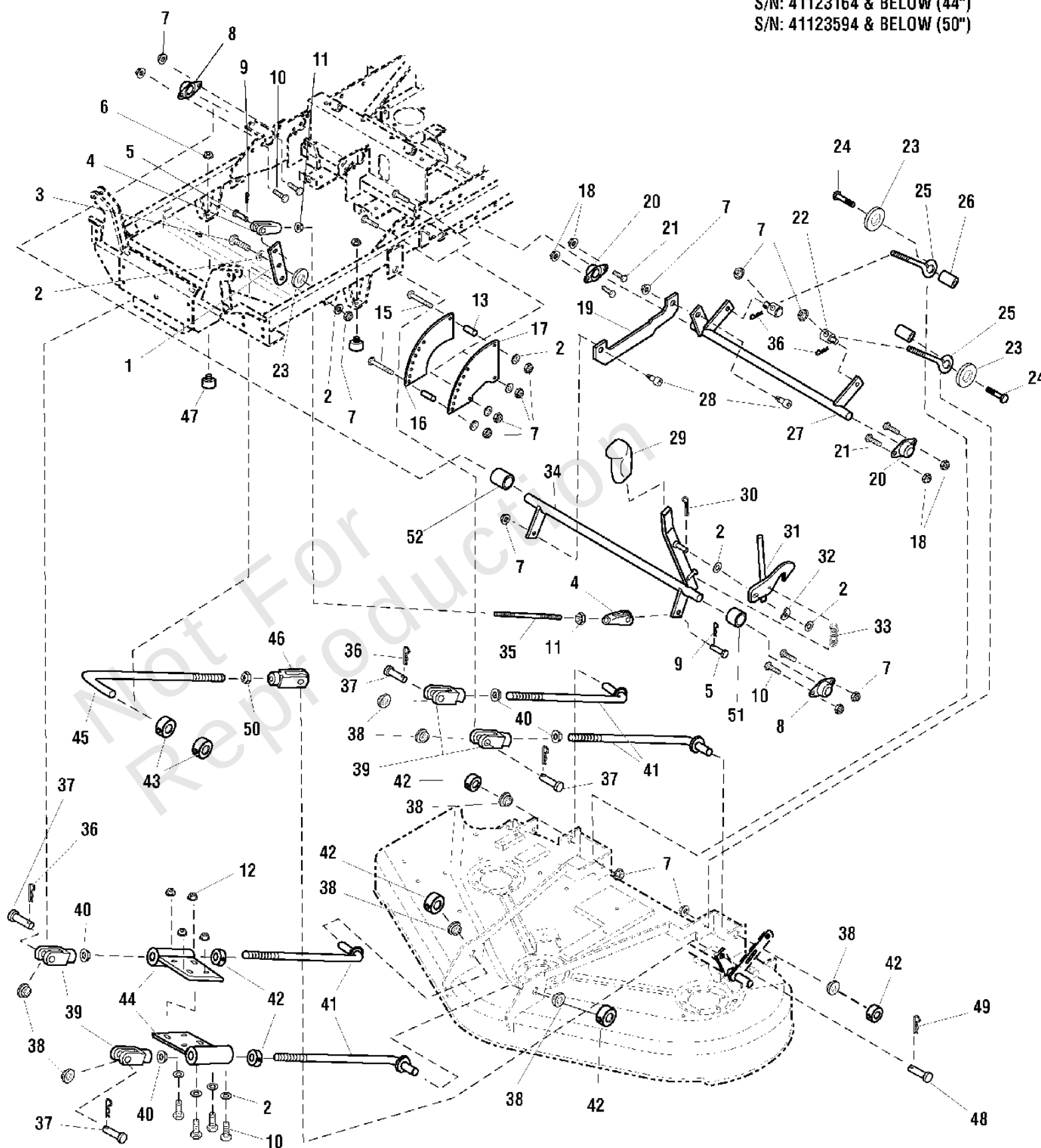
Note: * These items are not applicable to this unit.

Deck Lift Group Version 1

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001

SNAPPER:
S/N: 41123164 & BELOW (44")
S/N: 41123594 & BELOW (50")



Deck Lift Group Version 1

REF NO	PART NO	QTY	DESCRIPTION
	-----	1	* ROLLER CONNECTING ROD (50" DECK)
46	-----	1	* CLEVIS, 1/2-20
47	5022673	2	RUBBER BUMPER, 1/4-20
48	-----	1	* PIN, CLEVIS, 1/2 X 1-1/2
49	-----	1	* HAIRPIN
50	-----	1	* HEX JAM NUT, 1/2-20
51	5046092	1	SPACER, .76 X 1.00 X .50
52	5048335	1	SPACER, .76 X 1.00 X 1.00

Not For
Reproduction

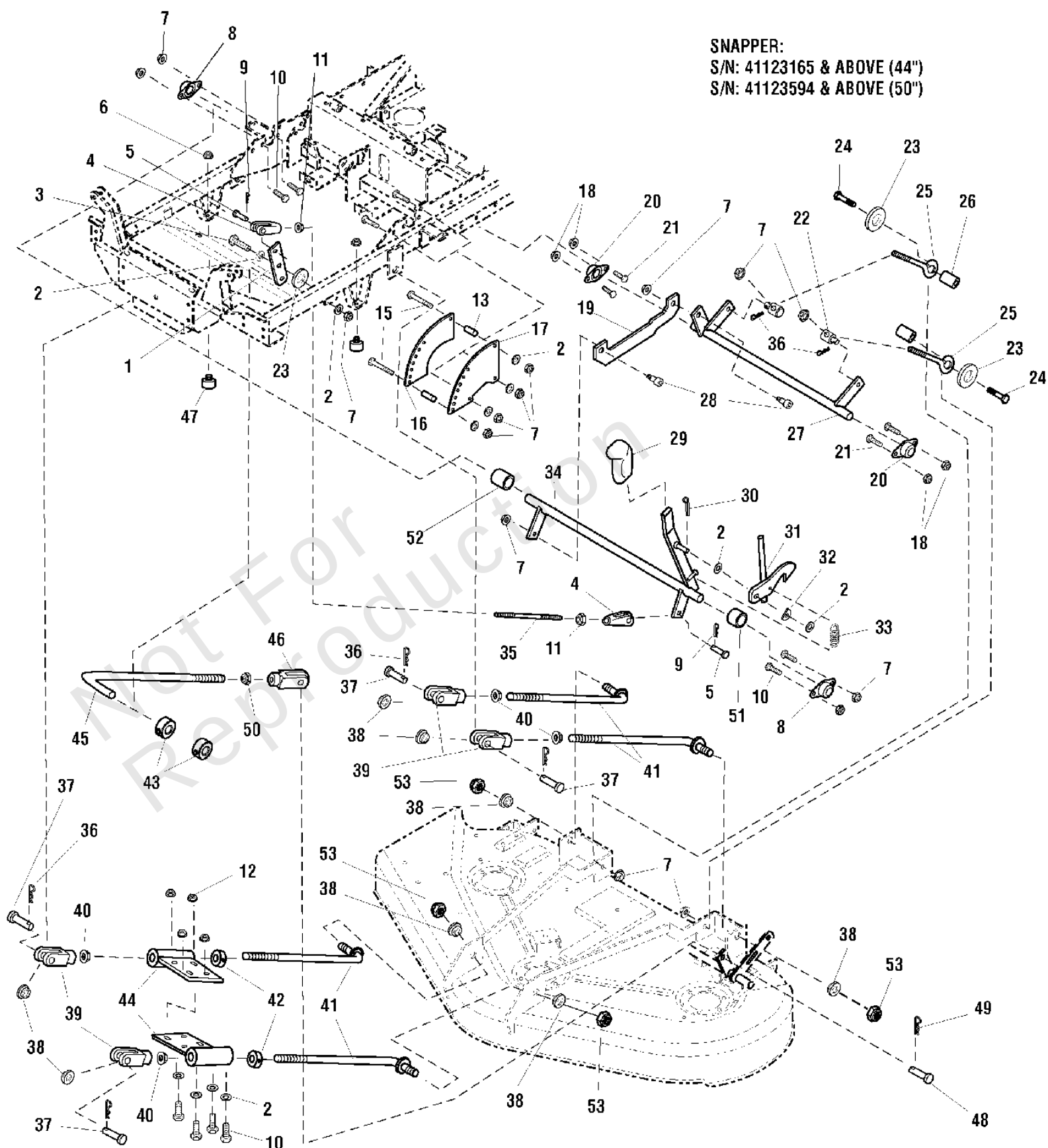
Footnotes:

Note: * These items are not applicable to this unit.

Deck Lift Group Version 2

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



Deck Lift Group Version 2

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	* REVERSING LINK
2	3025156	11	WASHER, 3/8, SAE -(Was 5025156)
3	5025013X12	1	BOLT, 3/8-16 X 1-1/2" GD5 CZ
4	-----	2	* PLASTIC CLEVIS, 3/8-24
5	-----	2	* PIN, 3/8 DIA X 1"
6	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
7	5025096	11	NUT, 3/8-16 HEX NYLON LOCK
8	5021098	2	BRONZE FLANGE BEARING, 3/4"
9	-----	2	* COTTER PIN
10	5025013X6	8	BOLT, 3/8-16 X 3/4" GD5 CZ
11	-----	2	* JAM NUT, HEX, 3/8-24
12	5025128	4	HEX NUT, SERRATED FLANGE, 3/8-16
13	5048264	2	SPACER
14	5023082	1	HITCH PIN ASSM, 1/2 X 3.50 (NOT SHOWN)
15	5025013X20	2	BOLT, 3/8-16 X 2-1/2" GD5 CZ
16	5048750D	1	DECK HEIGHT PLATE, INNER
17	5048744D	1	DECK HEIGHT PLATE, OUTER
18	7091298	4	HEX NUT, NYLON LOC, 5/16-18 -(Was 5025057)
19	5048733D	1	DECK LIFT LINK
20	5021098	2	BRONZE FLANGE BUSHING
21	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
22	5045947	2	ADJUSTER, BRAKE LINKAGE
23	5025305	3	WASHER, 1-3/4 OD X .390 ID -(Was 5045139009)
24	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 CZ
25	5021812	2	EYE BOLT, 3/8-16
26	5047125	2	SPACER
27	5048711D	1	REAR DECK LIFT SHAFT
28	5025356	2	BOLT, 1/2" X 3/8" SHOULDER
29	5100171	1	HANDLE COVER -(Was 5023198)
30	5025202X12	1	COTTER PIN, 3/16 X 1-1/2
31	5048884D	1	DECK LOCK
32	5023202	1	SPRING WASHER, 3/8
33	5020639	1	EXTENSION SPRING
34	5048697D	1	DECK HEIGHT SHAFT
35	-----	1	* ROD, 3/8
36	5025210	6	HAIRPIN
37	5025328X12	4	PIN, CLEVIS, 1/2 X 1-1/2
38	5048258	4	SUPPORT BUSHING
39	5023174	4	CLEVIS, 1/2-20
40	5025089	4	HEX JAM NUT, 1/2-20
41	5049173	4	DECK HANGER ROD
42	5023241	2	SPLIT COLLAR, 1/2"
43	-----	2	* SPLIT COLLAR, 1/2"
44	5048902D	2	DECK STABILIZER
45	-----	1	* ROLLER CONNECTING ROD (44" DECK)

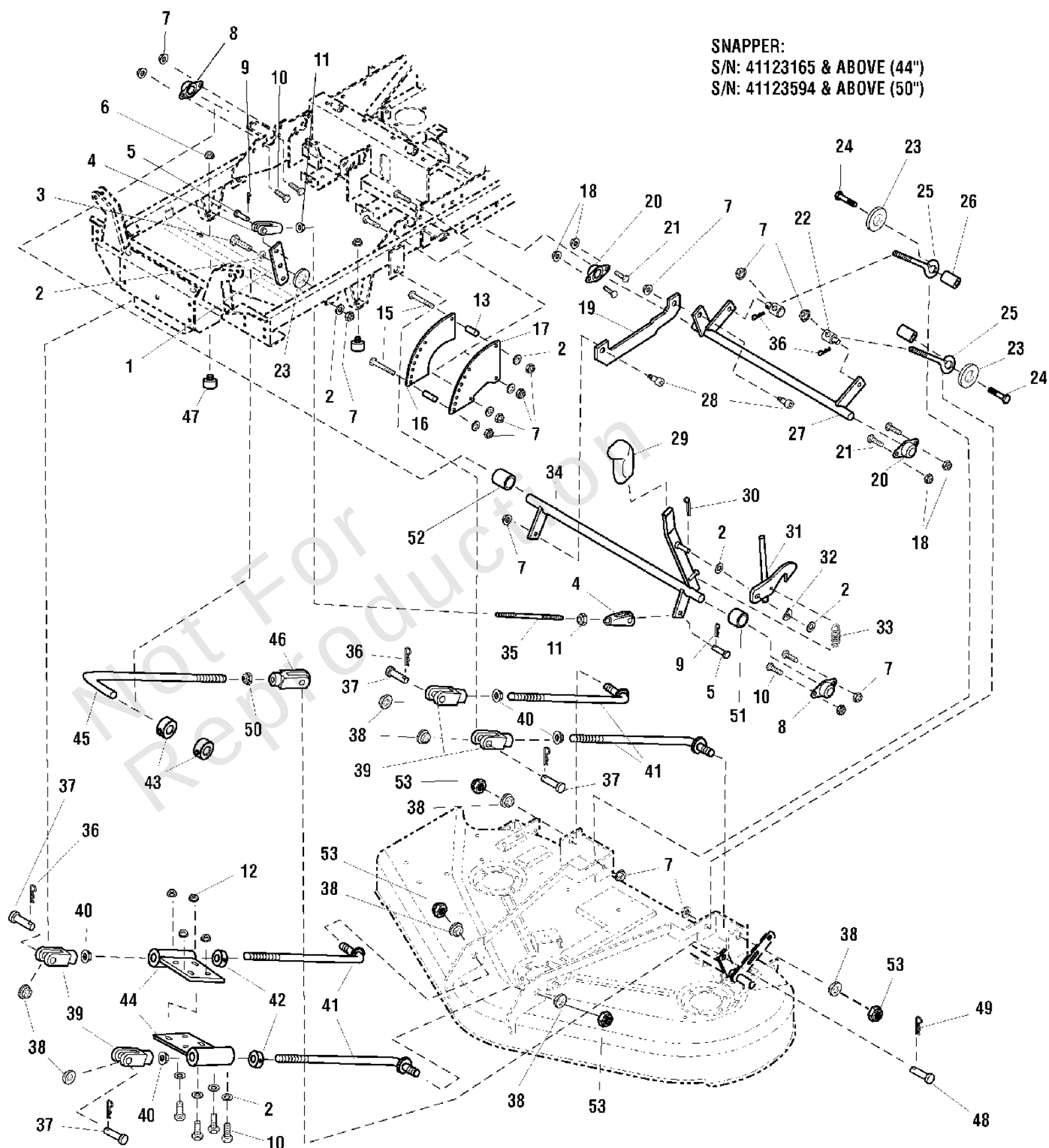
Footnotes:

Note: * These items are not applicable to this unit.

Deck Lift Group Version 2

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



Deck Lift Group Version 2

REF NO	PART NO	QTY	DESCRIPTION
	-----	1	* ROLLER CONNECTING ROD (50" DECK)
46	-----	1	* CLEVIS, 1/2-20
47	5022673	2	RUBBER BUMPER, 1/4-20
48	-----	1	* PIN, CLEVIS, 1/2 X 1-1/2
49	-----	1	* HAIRPIN
50	-----	1	* HEX JAM NUT, 1/2-20
51	5046092	1	SPACER, .76 X 1.00 X .50
52	5048335	1	SPACER, .76 X 1.00 X 1.00
53	5025098	4	NUT, Hex, Nylon Lock, 1/2-20

Not For
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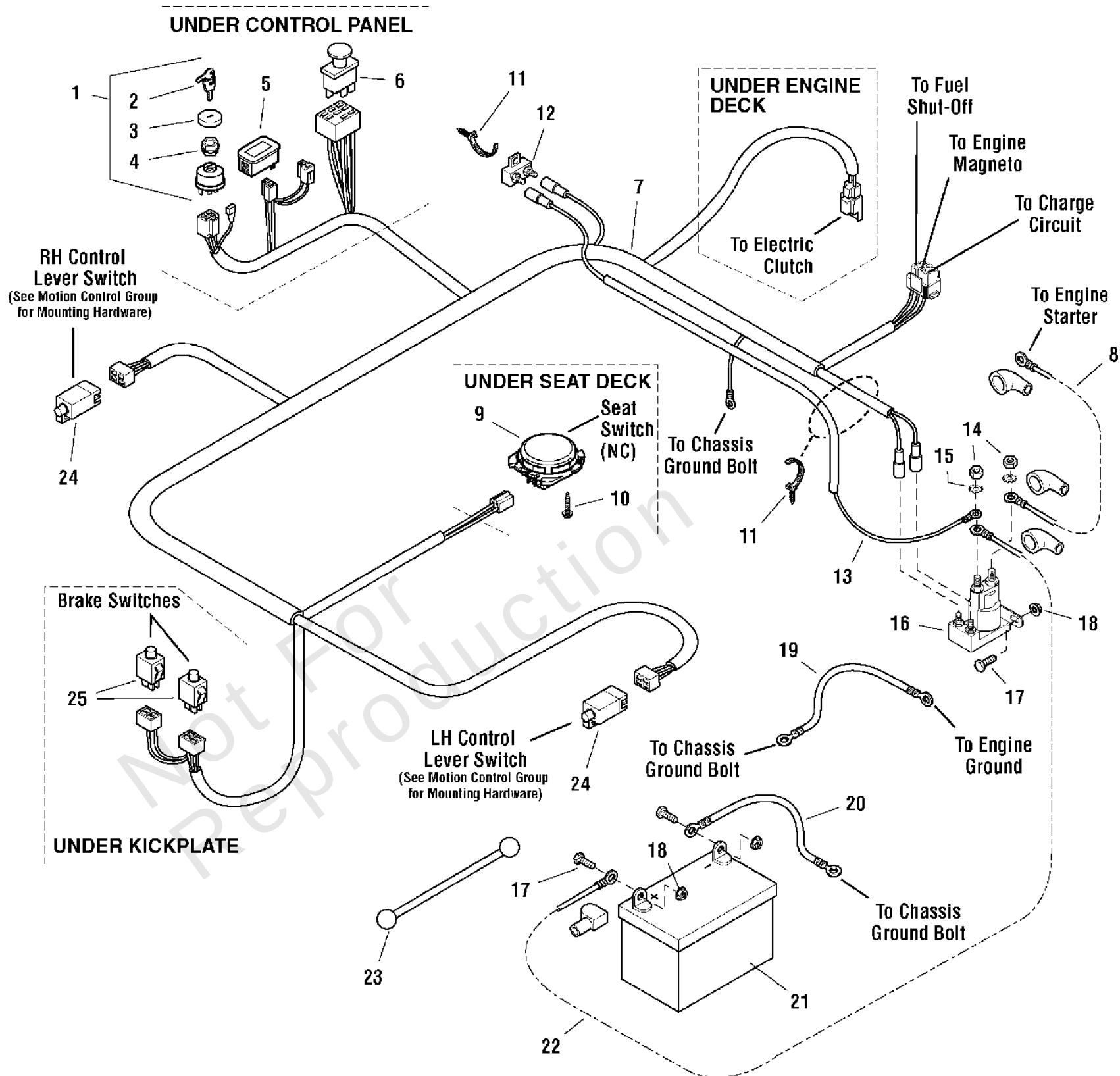
Footnotes:

Note: * These items are not applicable to this unit.

Electrical Group

Note: Unless noted otherwise, use the standard torque specifications

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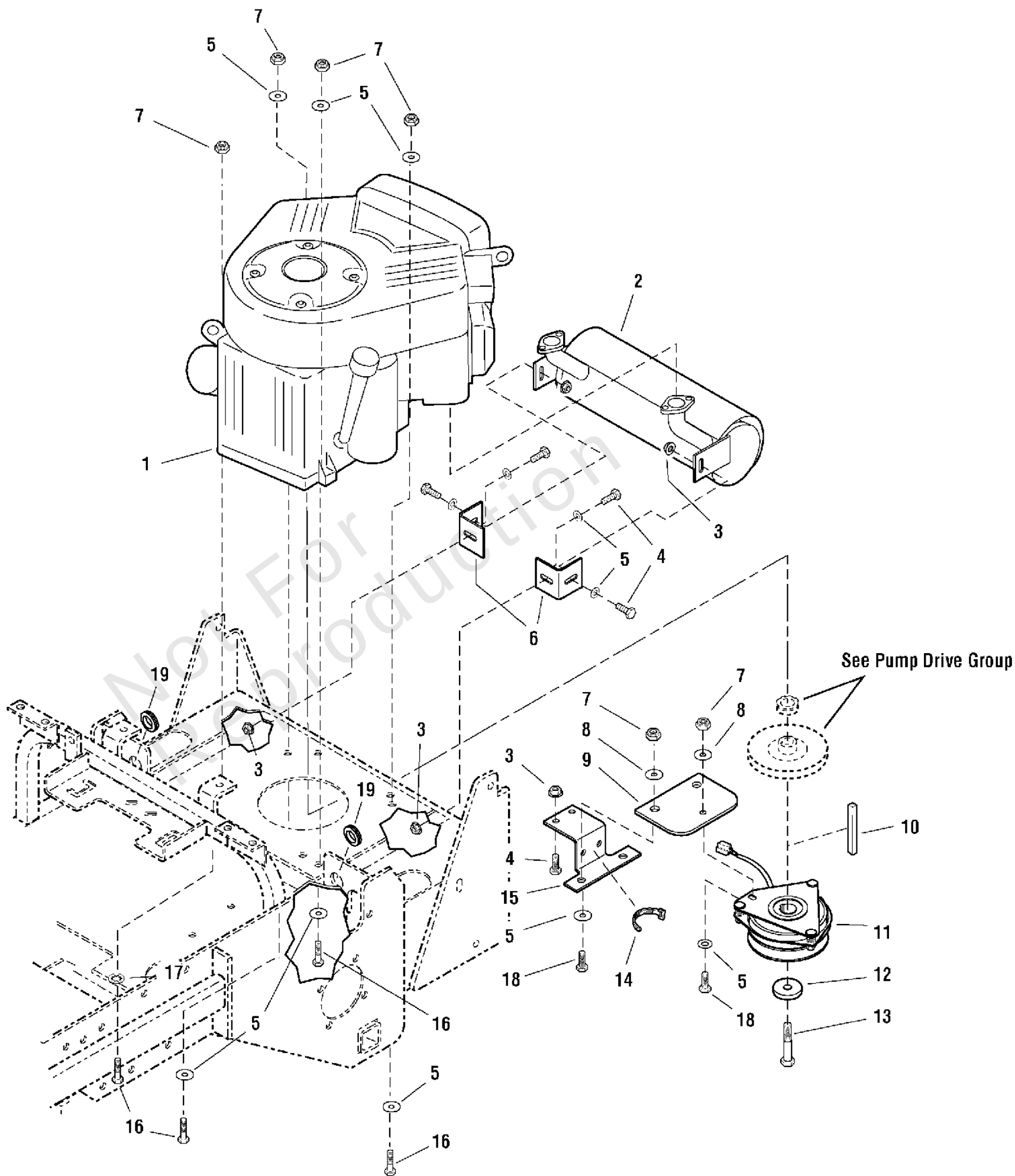
Electrical Group

REF NO	PART NO	QTY	DESCRIPTION
1	5020927	1	SWITCH, IGNITION, 6 POST
2	7073406	1	KEY, Ignition Molded (Set of 2) -(5022789)
3	5022790	1	COVER, PLASTIC, SNAP ON
4	5022791	1	PLASTIC NUT
5	1687008	1	HOUR METER, DIGITAL (Includes Retaining Ring) -(Was 1725523)
6	5022180	1	SWITCH, PTO
7	5048640	1	MAIN HARNESS ASSEMBLY
8	5048756	1	CABLE, #6 X 15" LONG, RING TERMINAL
9	1716368	1	SWITCH, SEAT, GRAY, NC
10	1960536	2	CAPSCREW, HEX WASHER HEAD PLASTITE, 1/4 X 1/2
11	5021199	2	CABLE TIE, PUSH MOUNT
12	5023222	1	CIRCUIT BREAKER, 20A
13	5048938	1	CIRCUIT BREAKER WIRE ASSEMBLY
14	5023216	2	NUT, HEX JAM, 5/16-24
15	5023217	2	WASHER, LIGHT LOCK, 5/16
16	1686981	1	SOLENOID -(Was 1724815)
17	5025010X6	4	CAPSCREW, HEX HEAD, 1/4-20 X 3/4
18	5025126	4	NUT, 1/4-20 HEX SERR. FLANGE
19	5044014	1	CABLE, #6 X 10" LONG, RING TERMINAL
20	5021406	1	BATTERY CABLE, NEG, 22, 1/4-5/16
21	7035610	1	BATTERY, 12 VOLT -(Was 5020798)
22	5021542	1	CABLE, #6 X 30" LONG, RING TERMINAL
23	1722009	1	STRAP, BATTERY, 14 LONG, RUBBER
24	5022095	2	SWITCH, PLUNGER, NO/NC
25	7022886YP	2	SWITCH, DP NO/NC SNAP

Engine & PTO Group - 20HP Briggs & Stratton

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



Engine & PTO Group - 20HP Briggs & Stratton

REF NO	PART NO	QTY	DESCRIPTION
1	358777-0280-G1	1	* ENGINE, 20 HP BRIGGS, Mod. 358-777-0280-G1
2	5023187	1	MUFFLER
3	5025139	6	NUT, HEX SERRATED FLANGE, 5/16-18
4	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
5	7091098	13	WASHER, SAE, 5/16 -(Was 5025155)
6	503848262	2	BRACKET, MUFFLER SUPPORT (ORANGE)
6	504848262	2	BRACKET, MUFFLER SUPPORT (RED)
7	7091298	7	NUT, HEX NYLON LOCK, 5/16-18 -(Was 5025057)
8	7091098	3	WASHER, CLUTCH ANCHOR, 5/16 (N/A)
9	5043636	1	CLUTCH ANCHOR PAD
10	5050407X18	1	KEY, 1/4 SQ. X 2-1/4
11	5023100	1	CLUTCH, ELECTRIC
12	5042132	1	SPACER, .45 X 1.62 X .37
13	5103300	1	BOLT, CRANKSHAFT, 7/16-20 X 3-1/4"
14	5021030	1	TIE WRAP
15	5048226C	1	CLUTCH ANCHOR (ORANGE)
15	5048226D	1	CLUTCH ANCHOR (RED)
16	5025011X14	4	CAPSCREW, HEX HEAD, 5/16-18 X 1-3/4
17	5025188	1	WASHER, 5/16 INT TOOTH LOCK
18	5025011X8	3	CAPSCREW, HEX HEAD, 5/16-18 X 1
19	5023236	2	GROMMET, 3/4"

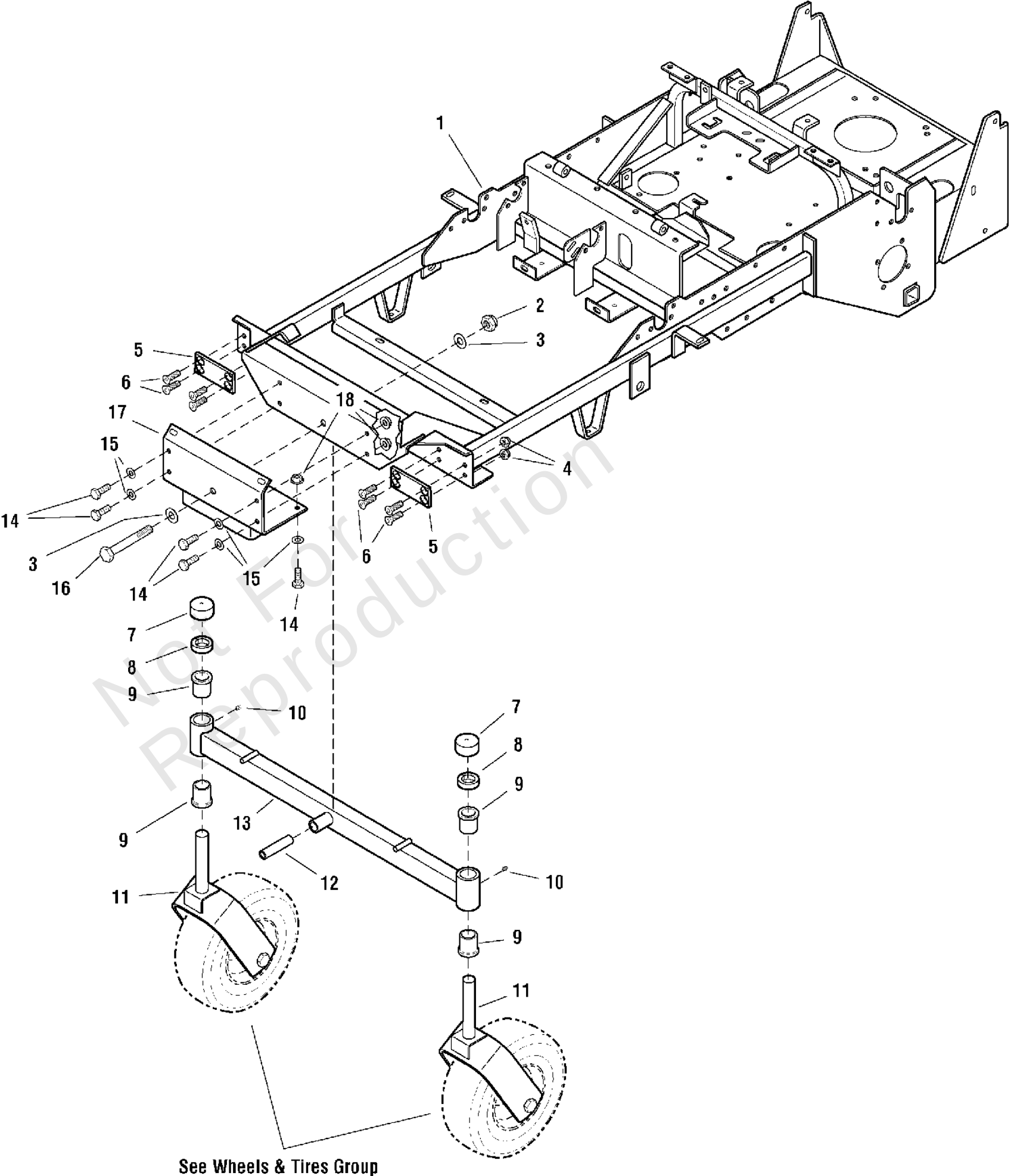
Footnotes:

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

Frame Caster Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



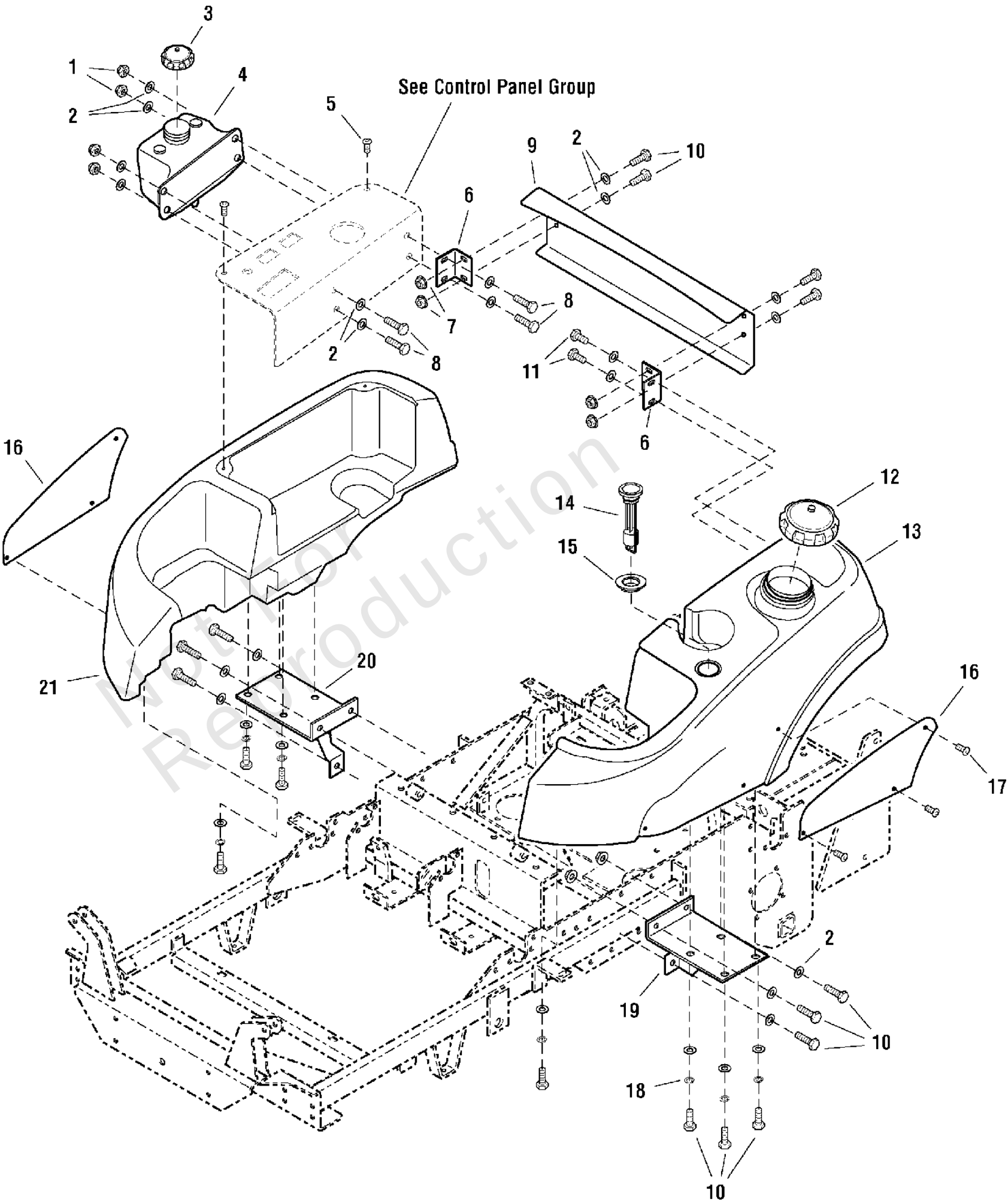
Frame Caster Group

REF NO	PART NO	QTY	DESCRIPTION
1	5048869D	1	MAIN FRAME WELDMENT
2	3025056	1	NUT, HEX NYLON LOCK, 1/2-13 -(Was 5025056)
3	7091587	2	WASHER, SAE, 1/2 -(Was 5025158)
4	7091298	8	NUT, HEX NYLON LOCK, 5/16-18 -(Was 5025057)
5	5045990	2	FRICTION PLATE
6	5025303	8	SCREW, FLAT HEAD SOCKET, 5/16-18 X 3/4
7	5023214	2	VINYL CAP
8	5020602	2	COLLAR, SPLIT, 1"
9	5021541	4	BUSHING, FLANGE
10	5020095	2	GREASE FITTING
11	5048775C	2	CASTER YOKE
12	5048106	1	SPACER, .51 X .75 X 3.375
13	5048870D	1	PIVOT FRAME WELDMENT
14	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
15	7091098	6	WASHER, SAE, 5/16 -(Was 5025155)
16	5025017X40	1	CAPSCREW, HEX HEAD, 1/2-13 X 5
17	5048241D	1	DECK HANGER WELDMENT
18	5025139	6	NUT, HEX SERRATED FLANGE, 5/16-18

Fuel Tank Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



Fuel Tank Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	7091298	4	NUT, HEX NYLON LOCK, 5/16-18 -(Was 5025057)
2	7091098	30	WASHER, SAE, 5/16 -(Was 5025155)
3	5023191	1	CAP
4	5023185	1	HYDRAULIC TANK
5	5025299X4	2	CAPSCREW, BUTTON ALLEN HEAD, 1/4-20 x 3/4
6	5048763D	2	REAR SUPPORT BRACKET
7	5025139	10	NUT, HEX SERRATED FLANGE, 5/16-18
8	5025011X8	4	CAPSCREW, HEX HEAD, 5/16-18 X 1
9	5048765D	1	REAR TANK SUPPORT PLATE
10	5025011X6	20	BOLT, 5/16-18 X 3/4 GD5
11	5025011X5	2	CAPSCREW, HEX HEAD, 5/16-18 X 5/8
12	5022158	1	CAP, FUEL TANK, 3-1/2 NECK
13	5048751	1	FUEL TANK ASSEMBLY, LH
	5023061	1	ELBOW FITTING
	1654930	1	GROMMET
	5050925X20	1	HOSE, 20"
	5023069	2	HOSE CLAMP
	5023067	1	SCREEN FITTING
14	5023197	1	FUEL GAUGE
15	5022917X1	1	GROMMET
16	5048909D	2	TANK BADGE
17	5025386	6	CAPSCREW, BUTTON ALLEN HEAD, #10-24 X 3/8
18	5025170	10	WASHER, 5/16 LOCK CZ
19	5048704D	1	MOUNT, FUEL TANK, LH
20	5048705D	1	MOUNT, FUEL TANK, RH
21	5048752	1	FUEL TANK, RH

Hydraulics Group Version 1

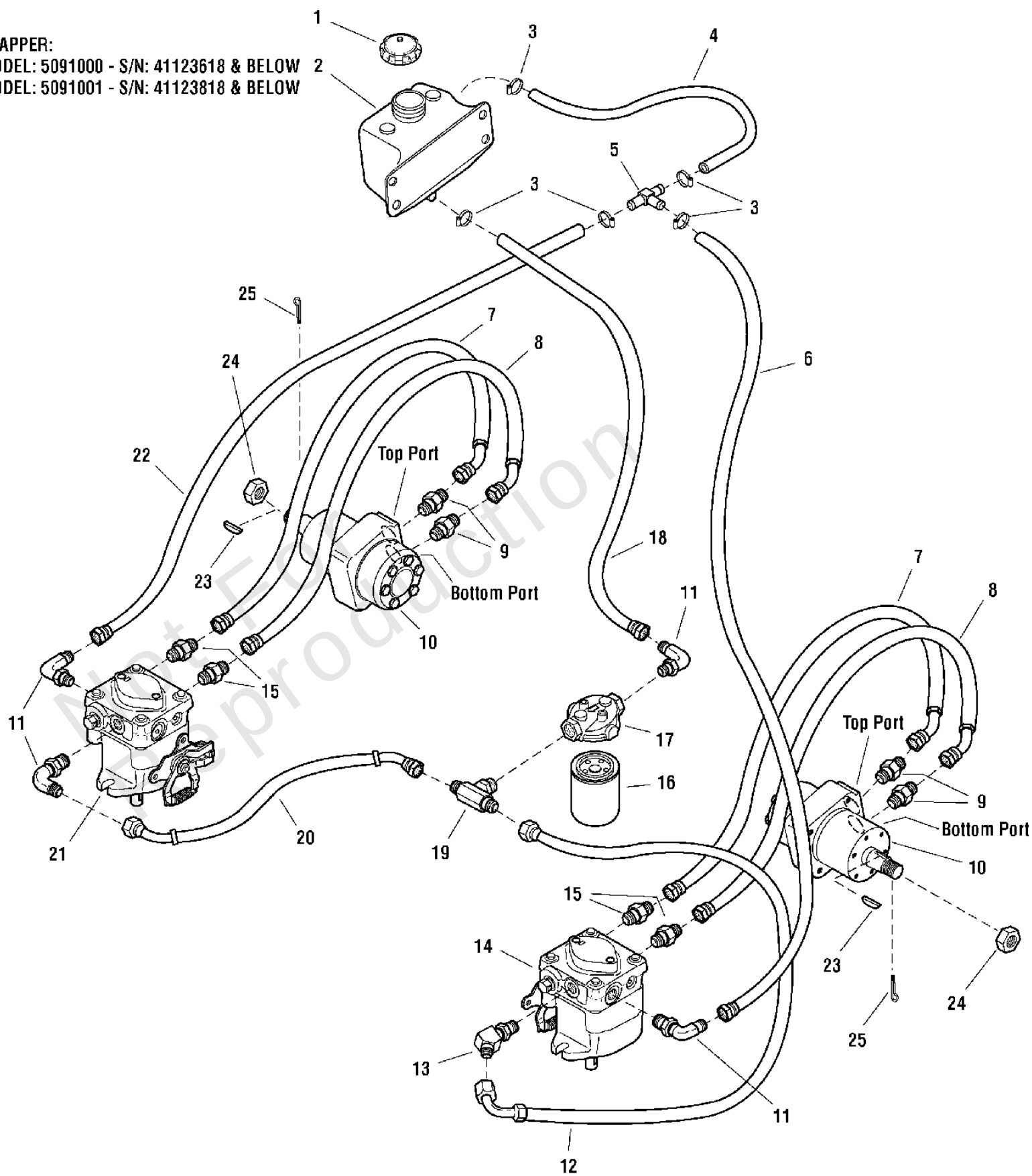
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001

SNAPPER:

MODEL: 5091000 - S/N: 41123618 & BELOW

MODEL: 5091001 - S/N: 41123818 & BELOW



Hydraulics Group Version 1

REF NO	PART NO	QTY	DESCRIPTION
1	5023191	1	CAP
2	5023185	1	HYDRAULIC TANK
3	5021392	5	CLAMP, #6 HOSE
4	5050860X8P5	1	HOSE, 3/8 X 8-1/2" LONG
5	5022920	1	TEE FITTING
6	5048998	1	HOSE ASSEMBLY, 26" LONG
7	5022710	2	HOSE ASSEMBLY, HI PRESS, 25-1/2"
8	5102110	2	HOSE ASSEMBLY, (29)
9	5022634	4	FITTING, ADAPTER
10	5023091	2	WHEEL MOTOR
11	5022712	4	FITTING, 90 DEG. O-RING
12	5048999	1	HOSE ASSEMBLY, 16-1/2" LONG
13	5023087	1	FITTING, 45 DEG. O-RING
14	5023092	1	HYDRAULIC PUMP, LH (PG1HQQ DW1X-XXXX)
15	5022633	4	FITTING, ADAPTER
16	1719168YP	1	FILTER, OIL
17	5023096	1	FILTER HEAD
18	5049001	1	HOSE ASSEMBLY, 11-3/4" LONG
19	5023161	1	FITTING, TEE
20	5049000	1	HOSE ASSEMBLY, 4-1/2" LONG
21	5023093	1	HYDRAULIC PUMP, RH (PG1KQQ DW1X-XXXX)
22	5049002	1	HOSE ASSEMBLY, 6" LONG
23	5023091X1	2	KEY
24	5023091X2	2	NUT, CASTLE
25	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4

Hydraulics Group Version 2

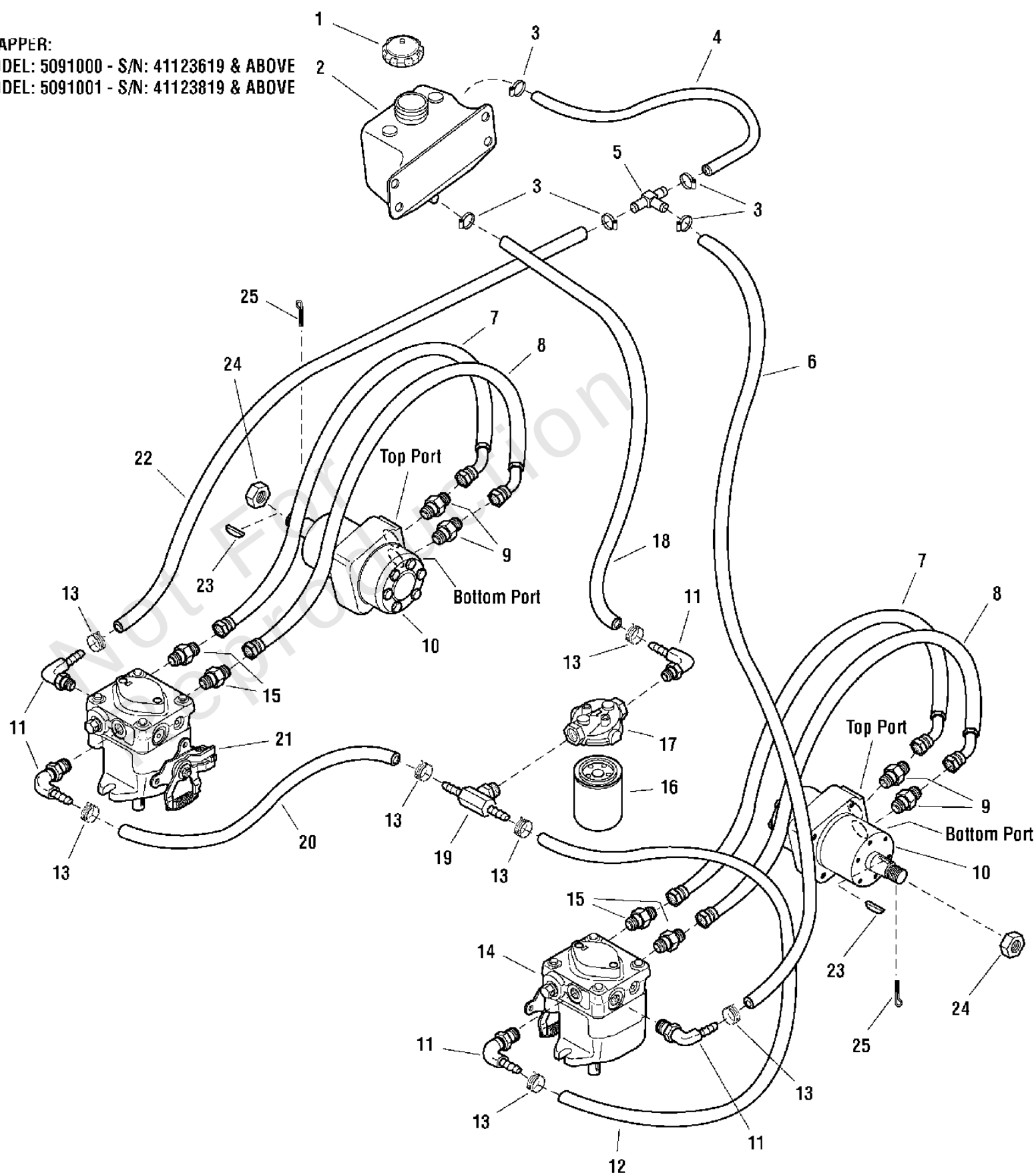
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001

SNAPPER:

MODEL: 5091000 - S/N: 41123619 & ABOVE

MODEL: 5091001 - S/N: 41123819 & ABOVE



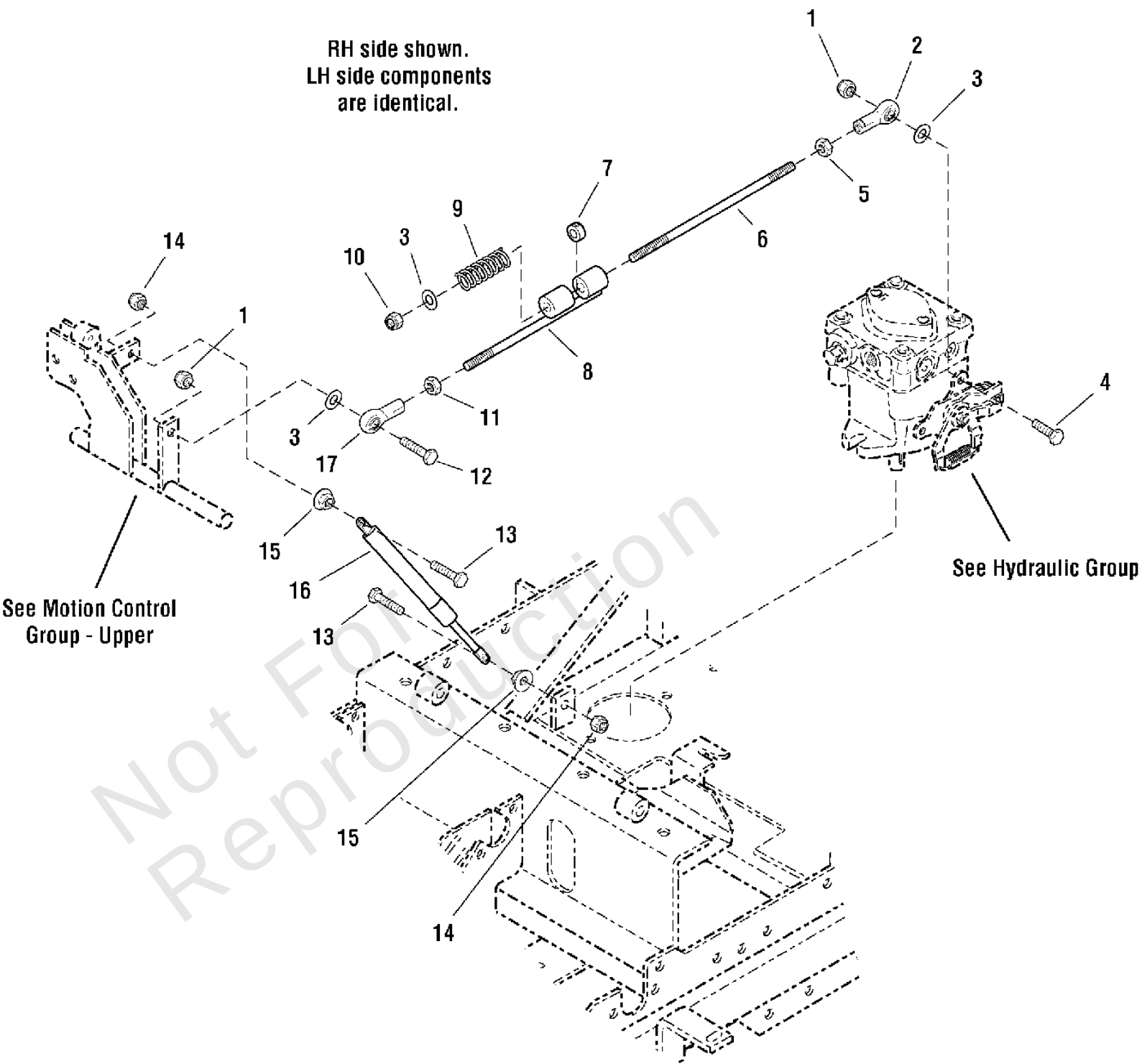
Hydraulics Group Version 2

REF NO	PART NO	QTY	DESCRIPTION
1	5023191	1	CAP
2	5023185	1	HYDRAULIC TANK
3	5021392	5	CLAMP, #6 HOSE
4	5050860X6P5	1	HOSE, 3/8 X 6-1/2" LONG
5	5022920	1	TEE FITTING
6	5050860X25P5	1	HOSE, 3/8 X 25-1/2" LONG
7	5022710	2	HOSE ASSEMBLY, HI PRESS, 25-1/2"
8	5102110	2	HOSE ASSEMBLY, (29)
9	5022634	4	FITTING, ADAPTER
10	5023091	2	WHEEL MOTOR
11	5023267	5	FITTING, 90 DEG. O-RING
12	5050860X17	1	HOSE, 3/8 X 17" LONG
13	5023268	7	CLAMP, HOSE
14	5023092	1	HYDRAULIC PUMP, LH (PG1HQQ DA1X-XXXX)
15	5022633	4	FITTING, ADAPTER
16	1719168YP	1	FILTER, OIL
17	5023096	1	FILTER HEAD
18	5050860X13	1	HOSE, 3/8 X 13" LONG
19	5023266	1	FITTING, TEE
20	5050860X8P75	1	HOSE, 3/8 X 8-3/4" LONG
21	5023093	1	HYDRAULIC PUMP, RH (PG1KQQ DA1X-XXXX)
22	5050860X7P5	1	HOSE, 3/8 X 7-1/2" LONG
23	5023091X1	2	KEY
24	5023091X2	2	NUT, CASTLE
25	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4

Motion Controls Group - Lower

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



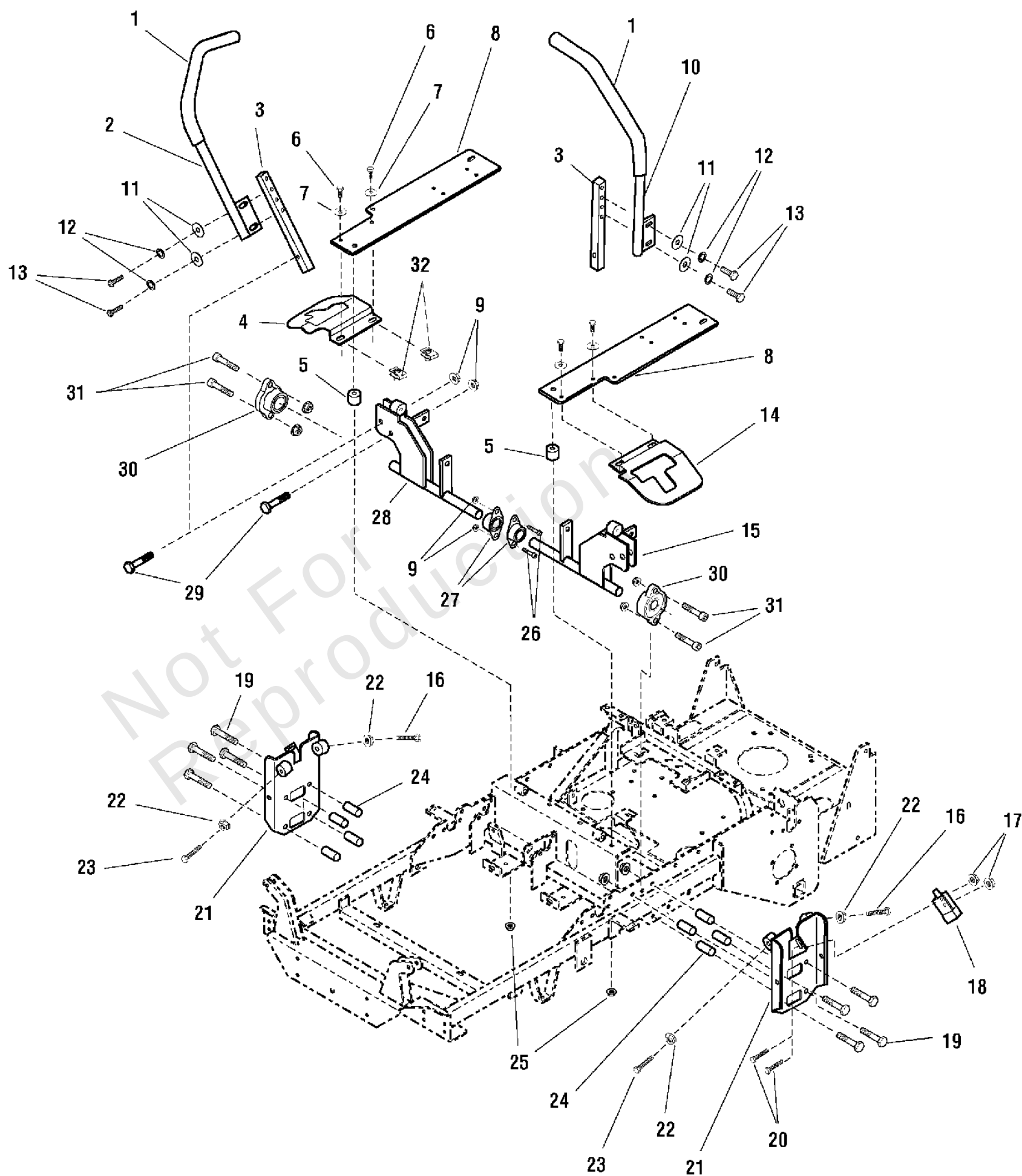
Motion Controls Group - Lower

REF NO	PART NO	QTY	DESCRIPTION
1	7091298	4	NUT, HEX NYLON LOCK, 5/16-18 -(Was 5025057)
2	5104579YP	2	BALL JOINT 5/16-24 LH FEMALE STAMPED STL
3	7091098	6	WASHER, SAE, 5/16 -(Was 5025155)
4	5025011X9	2	CAPSCREW, HEX HEAD, 5/16-18 X 1-1/8
5	5023212	2	NUT, HEX, 5/16-24, LH
6	5103673	2	ROD, 5/16 X 8.38, LH-RH, CZ
7	5020047	2	COLLAR, SET, 5/16
8	5048923	2	SLIDER ROD ASSEMBLY
9	5023242	2	SPRING
10	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
11	5025033	2	NUT, HEX, 5/16-24
12	5025011X10	2	CAPSCREW, HEX HEAD, 5/16-18 X 1-1/4
13	5025335	4	CAPSCREW, HEX HEAD, M8-1.25 X 35MM
14	5025354	4	NUT, HEX NYLON LOCK, M8-1.25
15	5025355	4	NUT, HEX SERRATED FLANGE, M8-1.25
16	5022978	2	DAMPENER
17	5104578YP	2	JOINT-BALL

Motion Controls Group - Upper

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



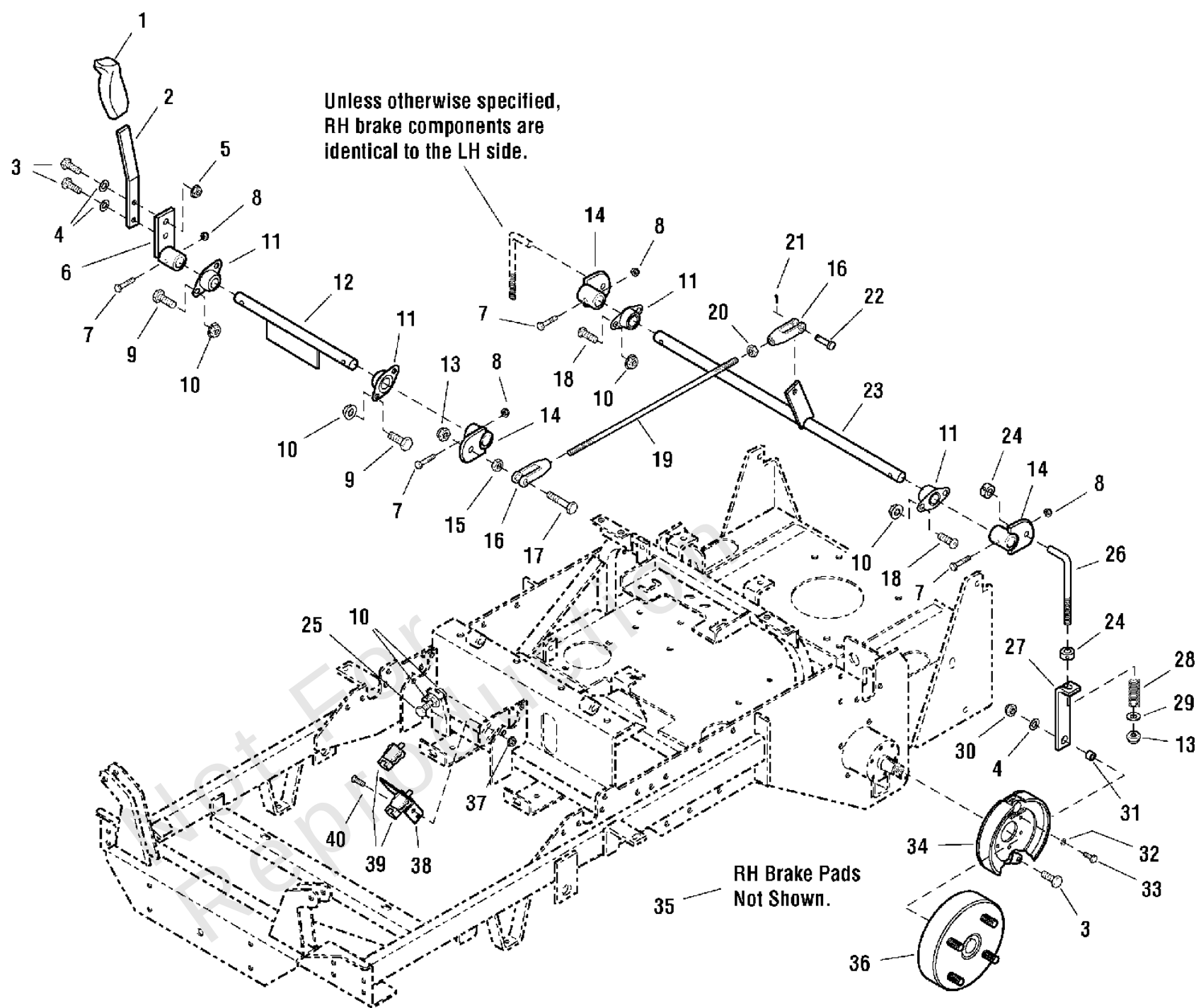
Motion Controls Group - Upper

REF NO	PART NO	QTY	DESCRIPTION
1	5022068	2	FOAM GRIP
2	5047056D	1	MOTION CONTROL LEVER - RH
3	5047004	2	CONTROL LEVER BASE
4	5048905D	1	NEUTRAL LOCK PLATE COVER, RH
5	5047125	2	SPACER
6	5025010X6	4	CAPSCREW, Hex Head, 1/4-20 X 3/4
7	5025154	4	WASHER, 1/4 SAE
8	5049333D	2	FAN SHIELD
9	5025096	10	NUT, 3/8-16 HEX NYLON LOCK
10	5047055D	1	MOTION CONTROL LEVER - LH
11	7091098	4	WASHER, FLAT, 5/16 -(Was 5025155)
12	5025170	4	WASHER, 5/16 LOCK CZ
13	5025011X8	4	CAPSCREW, HEX HEAD, 5/16-18 X 1
14	5048914D	1	NEUTRAL LOCK PLATE COVER, LH
15	5048122D	1	WELD, CONTROL SHAFT LH
16	5025055X16	4	CAPSCREW, HEX HEAD, TFL, 5/16-18 X 2
17	5025079	4	NUT, HEX, #10-24
18	5022095	2	SWITCH, NO/NC
19	5025011X18	8	CAPSCREW, HEX HEAD, 5/16-18 X 2 1/4
20	5025299X6	4	USE 5106757 - SCREW, 1/4-20X3/4, ZINC
21	5048169D	2	WELD, PLATE, NEUTRAL
22	5025139	12	NUT, HEX SERRATED FLANGE, 5/16-18
23	5025055X14	2	CAPSCREW, HEX HEAD, TFL, 5/16-18 X 1-3/4
24	5048264	8	SPACER -(Was 504848264)
25	5025128	2	NUT, HEX, SERRATED FLANGE, 3/8-16
26	5025013X8	2	BOLT, 3/8-16 X 1" GD5 CZ
27	5021098	2	BRONZE BEARING
28	5048123D	1	WELD, CONTROL SHAFT RH
29	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5 CZ
30	5021499	2	FLANGE BEARING
31	5025327	4	CAPSCREW, SOCKET HEAD, 3/8-16 X 1 1/4
32	5022665	4	BODY CLIP, 1/4-20

Parking Brake Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



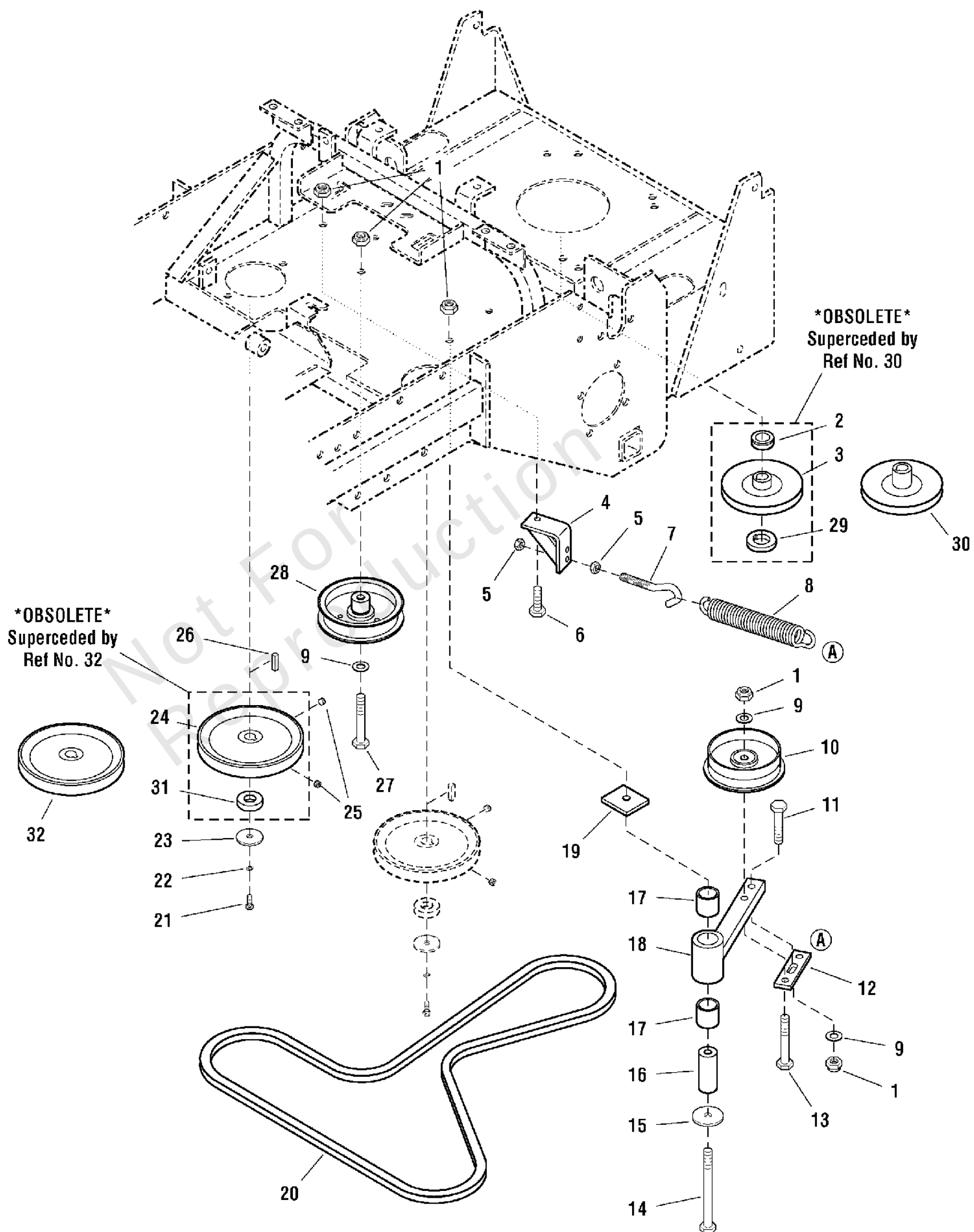
Parking Brake Group

REF NO	PART NO	QTY	DESCRIPTION
1	1722302	1	GRIP
2	5045619D	1	BRAKE HANDLE
3	5025011X8	4	CAPSCREW, HEX HEAD, 5/16-18 X 1
4	7091098	4	WASHER, FLAT, 5/16 -(Was 5025155)
5	5025139	2	NUT, HEX SERRATED FLANGE, 5/16-18
6	5048401D	1	MOUNT, BRAKE HANDLE
7	5025010X14	4	CAPSCREW, HEX HEAD, 1/4-20 X 1-3/4
8	5025095	4	NUT, 1/4-20 HEX NYLON LOCK
9	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 CZ
10	5025128	10	NUT, HEX SERRATED FLANGE, 3/8-16
11	5021098	4	BEARING, FLANGE
12	5048163D	1	BRAKE SHAFT, FRONT
13	5025096	1	NUT, 3/8-16 HEX NYLON LOCK
14	5045618D	3	WELD, PIVOT LINKAGE MOUNT
15	5025034	1	NUT, HEX, 3/8-16
16	5021171	2	CLEVIS, 3/8-24
17	5025013X16	1	BOLT, 3/8-16 X 2, GD5, CZ
18	5025075X6	4	CAPSCREW, BUTTON ALLEN HEAD, 3/8-16 X 3/4
19	5042553	1	ROD
20	5025035SM	1	NUT (3/8-24 HEX)
21	7091597	1	PIN, COTTER -(Was 50252016)
22	7029687	1	PIN, CLEVIS, 3/8 X 1 -(Was 50252148)
23	5048166D	1	BRAKE SHAFT, REAR
24	5010546	4	COLLAR, SET, 3/8
25	5025058X14	1	CAPSCREW, HEX HEAD, TFL, 3/8-16 X 1-3/4
26	5047091	2	ROD, BRAKE ADJSUTMENT
27	5047084D	2	BRAKE LINK
28	5022361	2	SPRING, COMPRESSION
29	3025156	2	WASHER, FLAT, 3/8 -(Was 5025156)
30	7091298	2	NUT, HEX NYLON LOCK, 5/16-18 -(Was 5025057)
31	5041930	2	PIVOT SLEEVE
32	5025169	12	WASHER, 1/4 LOCK
33	5023215	12	CAPSCREW, HEX HEAD, M6 X 14MM
34	5023188	1	BRAKE ASSEMBLY, LH
35	5023106	1	BRAKE ASSEMBLY, RH (NOT SHOWN)
36	5023094	2	BRAKE DRUM, 4 BOLT
37	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
38	5045621D	1	SWITCH MOUNT BRACKET
39	7022886YP	2	SWITCH, DP NO/NC SNAP
40	5025010X5	2	CAPSCREW, HEX HEAD, 1/4-20 X 5/8

Pump Drive Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



Pump Drive Group

REF NO	PART NO	QTY	DESCRIPTION
1	5025096	5	NUT, 3/8-16 HEX NYLON LOCK
2	5049185	1	SPACER, 1.00 X 1.50 X .25
3	5023112	1	PULLEY, PUMP DRIVE
4	5045200D	1	EYEBOLT ANCHOR
5	5025034	2	NUT, HEX, 3/8-16
6	5025013X8	1	BOLT, 3/8-16 X 1" GD5 CZ
7	5025321	1	J-HOOK
8	5022847	1	SPRING, EXTENSION, SWIVEL END
9	3025156	3	WASHER, FLAT, 3/8 -(Was 5025156)
10	5022621	1	PULLEY, IDLER, SINGLE FLANGE
11	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5 CZ
12	5048219D	1	SPRING ANCHOR PLATE
13	5025013X20	1	BOLT, 3/8-16 X 2-1/2" GD5 CZ
14	5025013X32	1	BOLT, 3/8-16 X 4" GD5 CZ
15	5025305	1	WASHER, .41 X 1.75 X .14
16	5045135	1	SHAFT, IDLER PIVOT
17	5022157	2	BUSHING, BRASS
18	5046430D	1	PUMP DRIVE IDLER ARM
19	5045090	1	SPACER, IDLER PIVOT
20	5022931	1	BELT
21	5023215	4	CAPSCREW, HEX HEAD, M6 X 14MM
22	5025169	2	WASHER, 1/4 LOCK
23	-----	2	* WASHER, 1-1/2 OD X .265 ID X .109 THICK
24	5023111	2	PULLEY, PUMP DRIVE
25	5025061X2	4	SET SCREW, 5/16-18 X 1/2
26	5023254	2	KEY, 5MM SQ. W/ ROUND ENDS
27	5025013X16	1	BOLT, 3/8-16 X 2, GD5, CZ
28	5049003	1	IDLER PULLEY ASSEMBLY
29	5049182	1	SPACER, 1.00 X 1.75 X .25
30	5023252	1	PULLEY, Crankshaft, 1.0005 ID X 4.275 OD
31	5049183	2	SPACER, .59 X 1.50 X .25
32	5023251	2	PULLEY, PUMP DRIVE

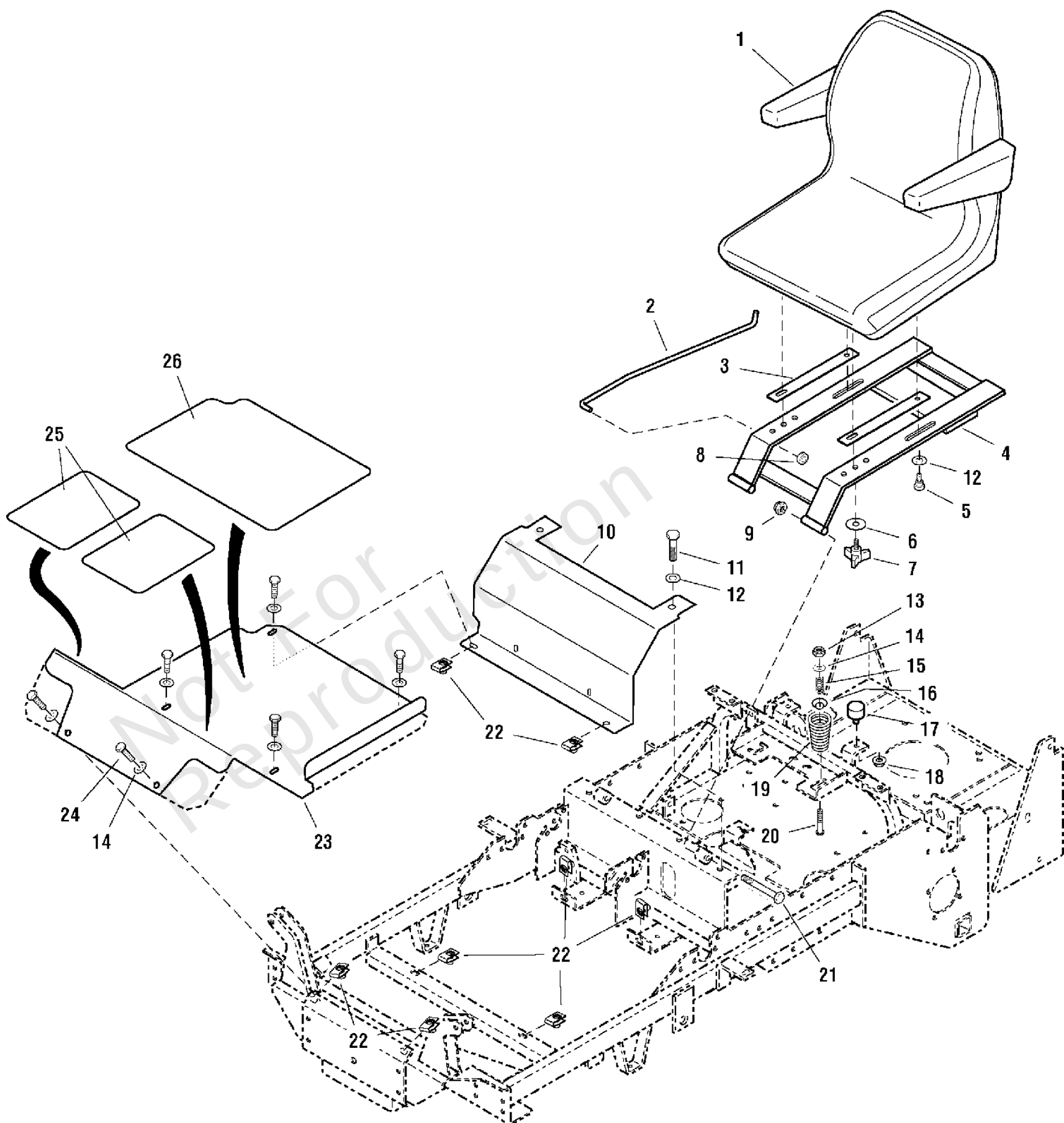
Footnotes:

Note: * These items are not applicable to this unit.

Seat Kickplate Floor Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001



Seat Kickplate Floor Group

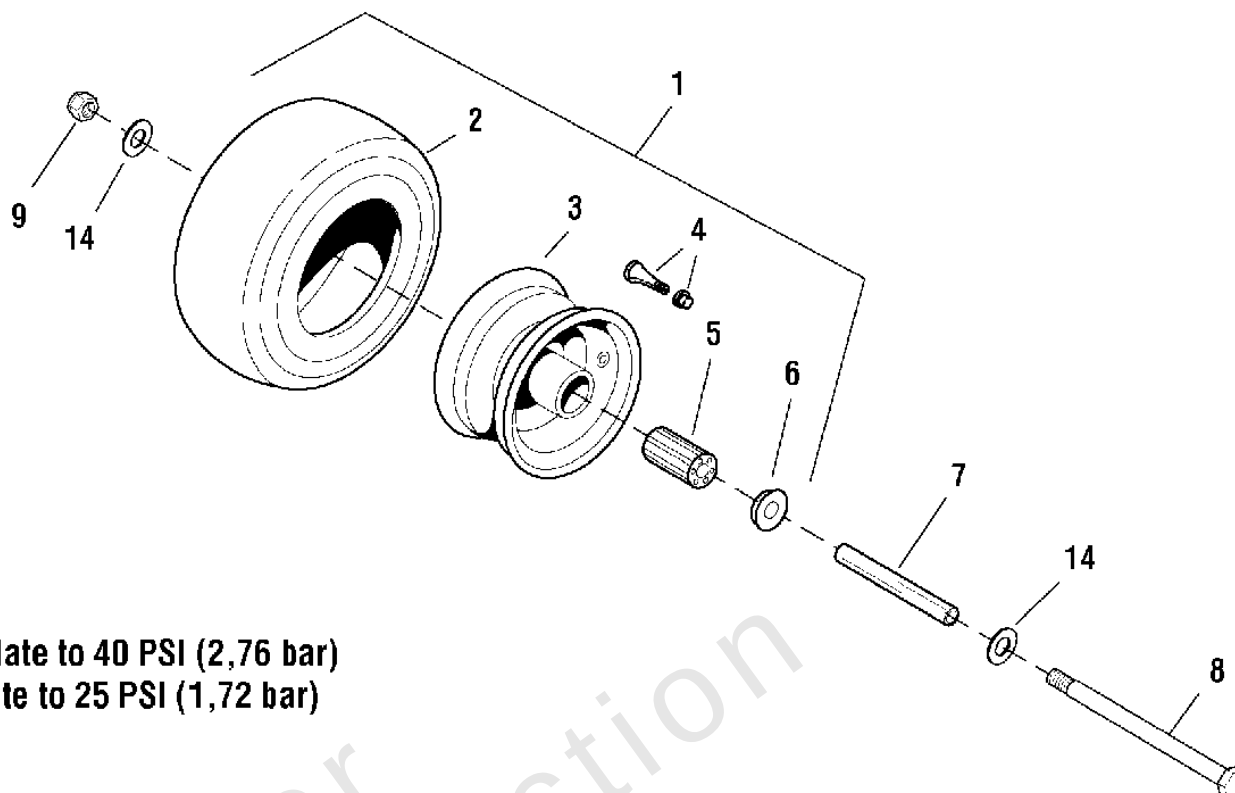
REF NO	PART NO	QTY	DESCRIPTION
1	5023184	1	SEAT
2	5046470	1	SEAT STOP ROD
3	4848365	2	PLATE, SEAT SLIDER
4	4848117	1	SEAT MOUNT
5	5025385	2	SHOULDER BOLT, 3/8 X 3/8
6	7090692	2	WASHER, USS, 5/16 -(Was 5025337)
7	1700669	2	KNOB
8	5020047	1	COLLAR, SET, 5/16
9	5025096	2	NUT, 3/8-16 HEX NYLON LOCK
10	4848218	1	BRAKE COVER PLATE
11	5025013X16	2	BOLT, 3/8-16 X 2, GD5, CZ
12	3025156	4	WASHER, SAE, 3/8 -(Was 5025156)
13	7091298	2	NUT, HEX NYLON LOCK, 5/16-18 -(Was 5025057)
14	7091098	8	WASHER, SAE, 5/16 -(Was 5025155)
15	1714263	2	SPRING, COMPRESSION
16	1729256	2	WASHER, SPRING, 5/16 X 1-1/4
17	5022673	2	BUMPER
18	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
19	1717051SM	2	SPRING, Seat
20	1931339	2	CARRIAGE BOLT, 5/16-18 X 2
21	5025013X32	2	BOLT, 3/8-16 X 4" GD5 CZ
22	3022308	8	BODY CLIP, 5/16-18 -(Was 5022308)
23	4848338	1	FLOOR PLATE
24	5025011X6	8	BOLT, 5/16-18 X 3/4 GD5
25	5047139	2	SAFETY WALK
26	5048964	1	SAFETY WALK

Wheels & Tires Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5091001

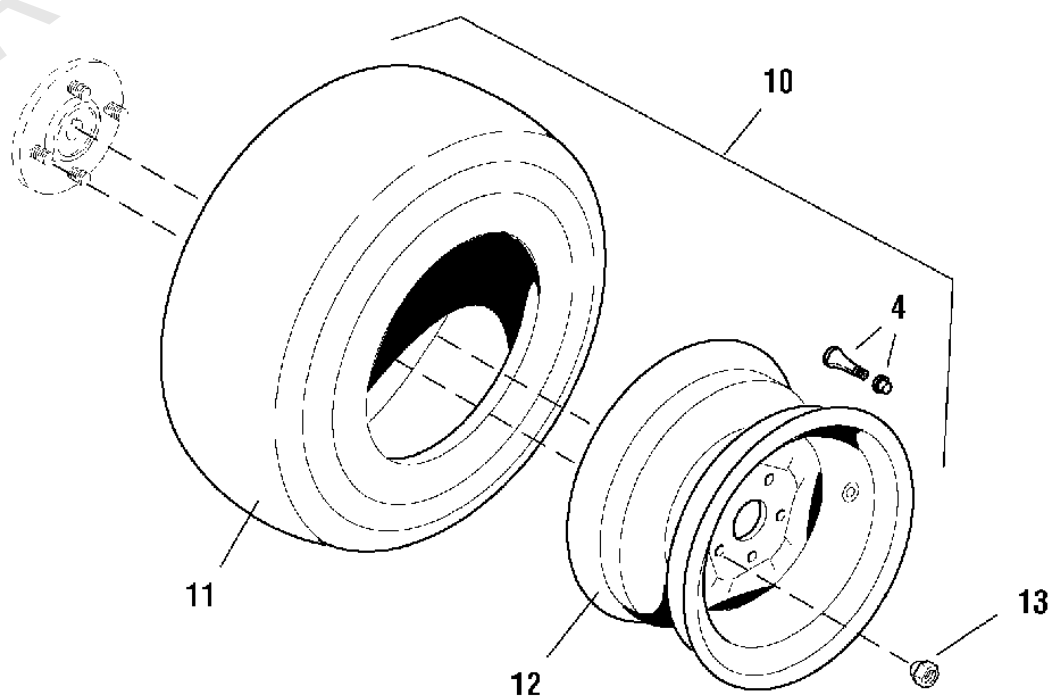
Front Wheels



5022433S - Inflate to 40 PSI (2,76 bar)

5101418 - Inflate to 25 PSI (1,72 bar)

Rear Wheels



Inflate to 15 PSI (1,03 bar)

Wheels & Tires Group

REF NO	PART NO	QTY	DESCRIPTION
1	5022433S	2	WHEEL & TIRE ASSEMBLY, 11 X 4.0 - 5, COMPLETE (INCLUDES REF NO. 2 - 6) -(S/N: 2013129510 & Below)
1	5101418	2	WHEEL, CASTER, 11 X 4.0-5 SILVER BEAD LO (INCLUDES REF NO. 2, 4-6, 16) -(S/N: 2013129511 & Above)
2	5022433X1	2	TIRE, FRONT, 11 X 4.0 - 5
3	5022433SX2	2	WHEEL ASSEMBLY, COMPLETE (INCLUDES REF NO. 4 & 5)
3	5101418X2	2	WHEEL FOR 11X4.0-5 TIRE ASSM
4	2172353	4	VALVE STEM & CAP ASSEMBLY
5	5022579	4	BEARING, ROLLER (2 PER TIRE)
5	5101418X1	4	BEARING, CASTER WHEEL, 11 X 4.0 - 5 BEAD LOCK (SV)
6	5021043	4	BEARING RETAINER (2 PER TIRE)
7	5045996	2	AXLE, FRONT CASTER
8	5025017X52	2	CAPSCREW, HEX HEAD, 1/2-13 X 6-1/2
9	3025056	2	NUT, HEX NYLON LOCK, 1/2-13 -(Was 5025056)
10	5023095	2	WHEEL & TIRE ASSEMBLY, 20 X 8.0 - 10, COMPLETE (INCLUDES REF NO. 4, 11 & 12)
11	5023095X1	2	TIRE, REAR, 20 X 8.0 X 10
12	5023095X2	2	WHEEL ASSEMBLY, FOR 20 X 8.0 X 10 TIRE
13	5020601	8	LUG NUT, 1/2-20
14	7091587	4	WASHER, SAE, 1/2 -(Was 5025158)

Note: Unless noted otherwise, use the standard torque specifications

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22-Jun-2026



Wiring Schematic 20hp

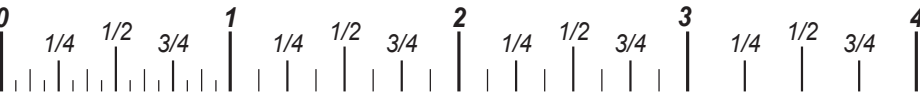
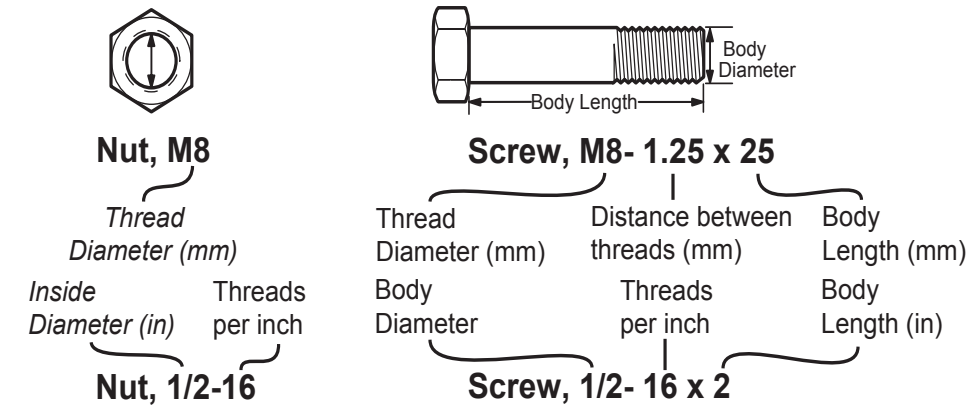
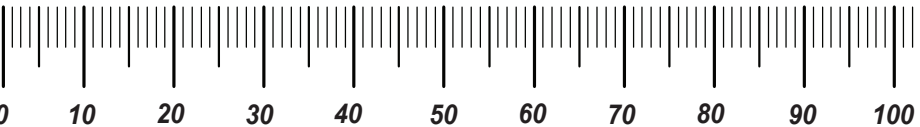
REF NO	PART NO	QTY	DESCRIPTION
--	-----	1	Wiring Schematic includes harness #5048640

Not For Reproduction

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).

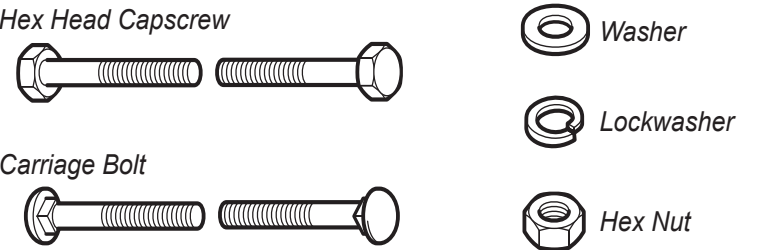
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

