



Parts Manual 1000Z & IS1000Z

Zero-Turn Riding Mower

S/N: 2899 & Above (1000Z) 2531 & Above (IS1000Z)



Models:	Description:
5901000	21HP Kohler w/ 48" Mower Deck (S/N: 2899 & above) (1000ZK21/48)
5901002	23HP Kohler w/ 52" Mower Deck (S/N: 2899 & above) (1000ZK23/52)
5901003	27HP Kohler w/ 61" Mower Deck (S/N: 2899 & above) (1000ZK27/61)
5901050	21HP Kawasaki w/ 48" Mower Deck (S/N: 2531 & above) (IS1000ZKAV21/48)
5901051	23HP Kawasaki w/ 52" Mower Deck (S/N: 2531 & above) (IS1000ZKAV23/52)

Briggs and Stratton Yard Power Products Group

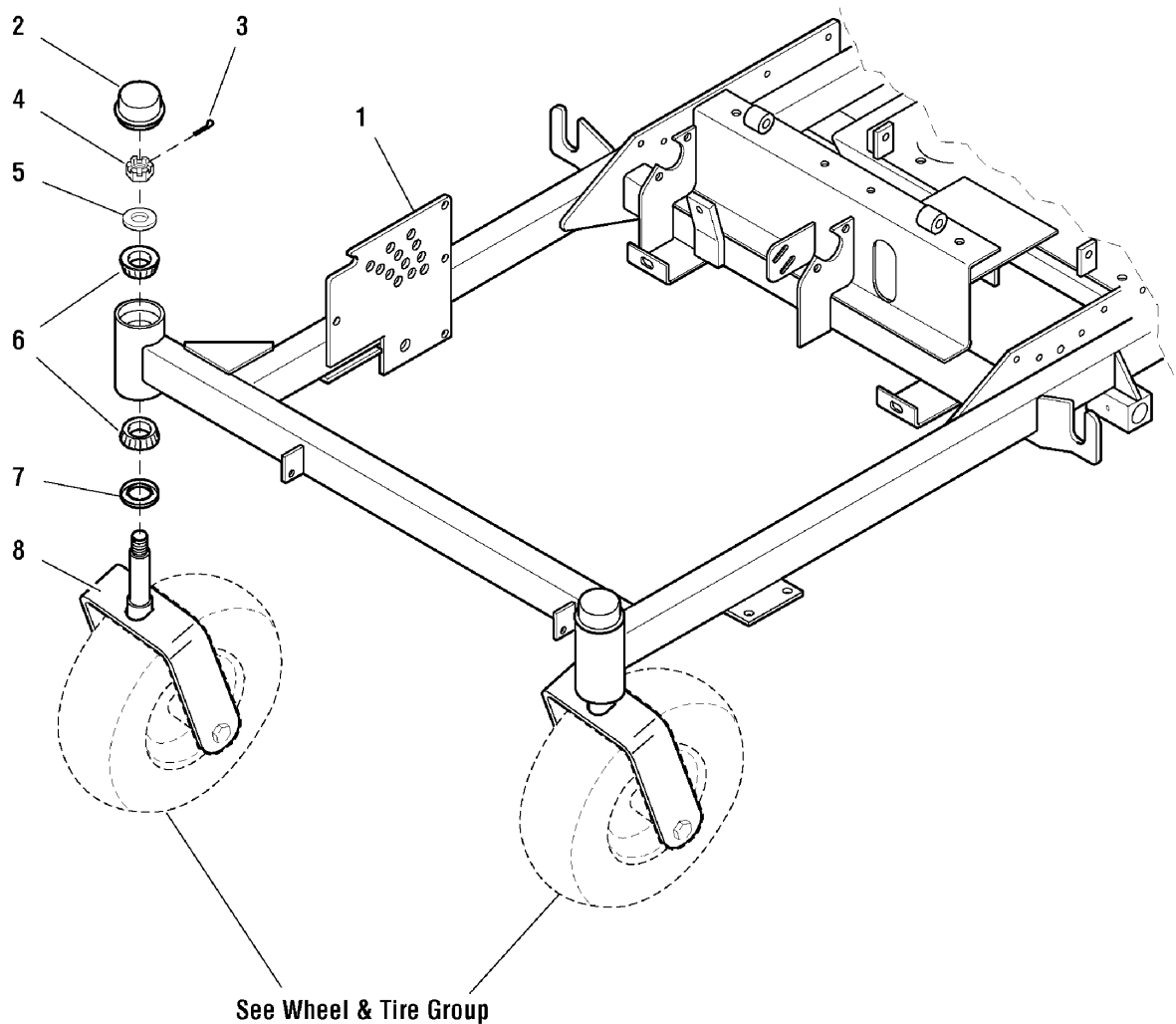
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5023465
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Main Frame & Front Caster Group - 48" & 52" Models

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



The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Main Frame & Front Caster Group - 48" & 52" Models

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5047007B	1	MAIN FRAME
2	5021073	2	CAP
3	5025203X10	2	COTTER PIN, 1/8" X 1-1/4"
4	5025104	2	NUT, 3/4-16 Hex Slotted
5	5025160	2	WASHER, 3/4" SAE
6	5020884	4	BEARING, Tapered Roller
7	5021072	2	GREASE SEAL
8	5047049B	2	CASTER YOKE

Footnotes

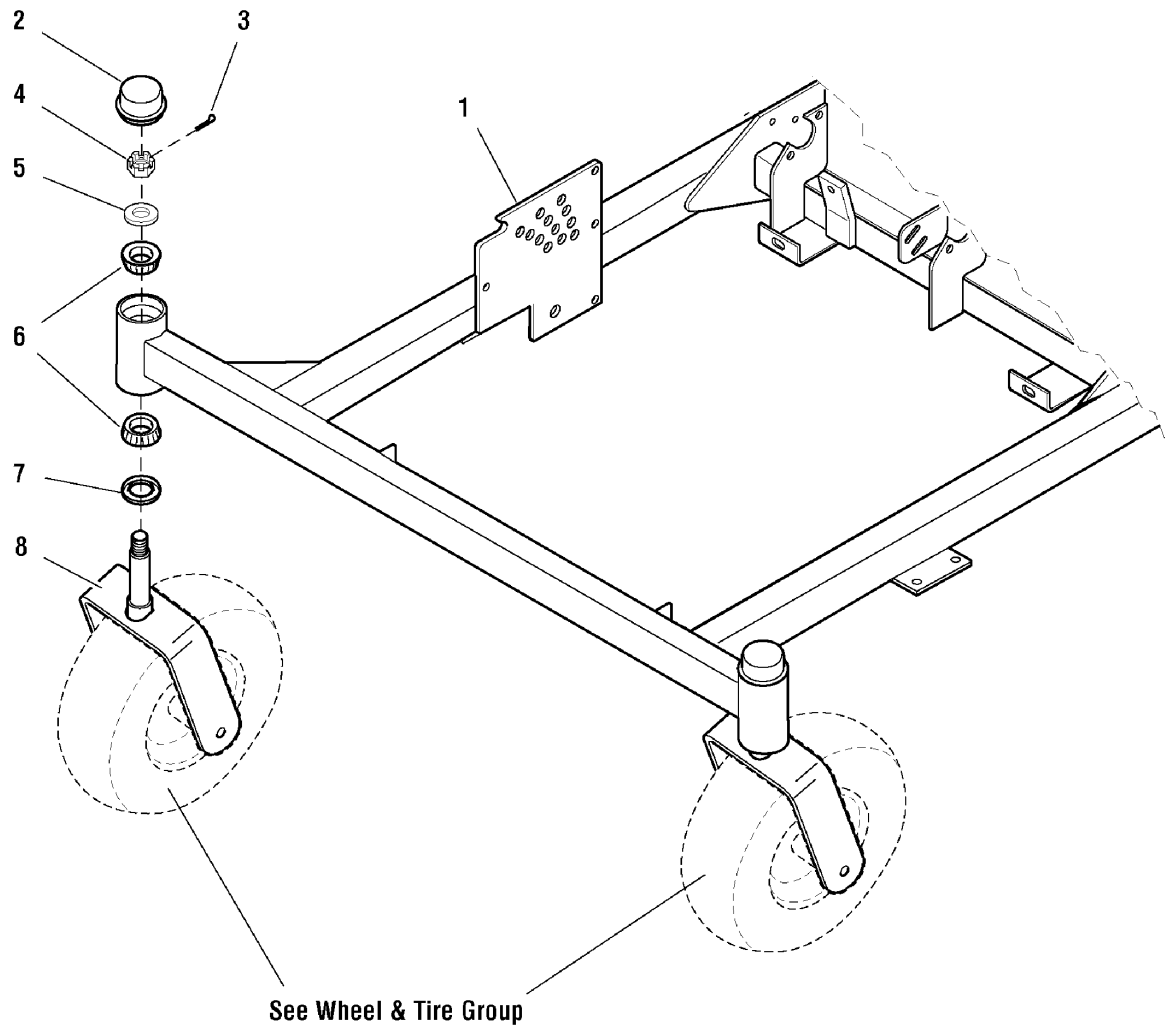
The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Main Frame & Front Caster Group - 61" Model

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Main Frame & Front Caster Group - 61" Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061373B	1	61" MAIN FRAME
2	5021073	2	CAP
3	5025203X10	2	COTTER PIN, 1/8" X 1-1/4"
4	5025104	2	NUT, 3/4-16 Hex Slotted
5	5025160	2	WASHER, 3/4" SAE
6	5020884	4	BEARING, Tapered Roller
7	5021072	2	GREASE SEAL
8	5045769B	2	CASTER TIRE MOUNT

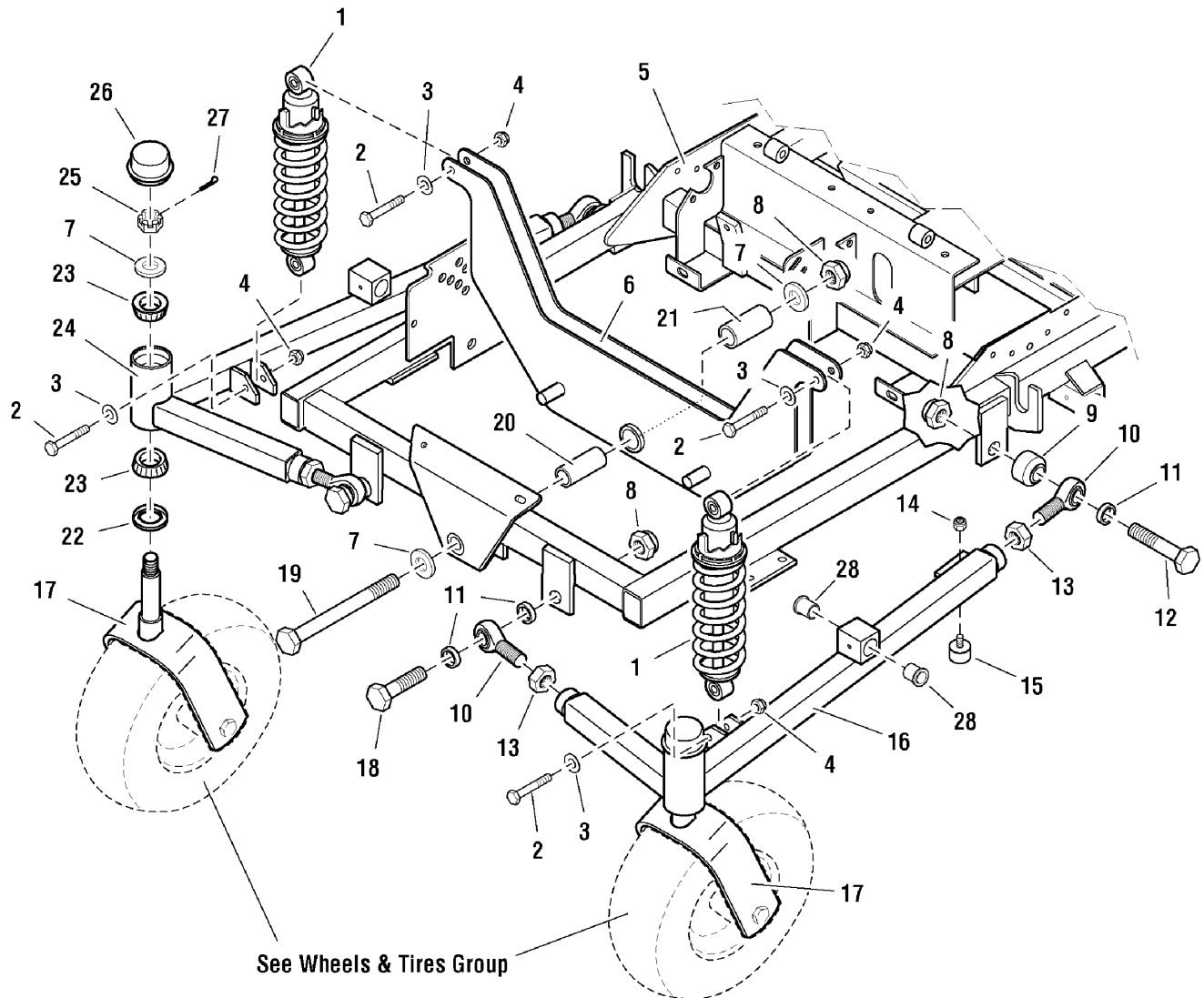
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Main Frame, Suspension & Caster Group - IS Models

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

Main Frame, Suspension & Caster Group - IS Models

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022842	1	SHOCK & SPRING ASSEMBLY
2	5025013X16	4	BOLT, 3/8-16 x 2
3	5025156	4	WASHER, 3/8" SAE
4	5025096	4	NUT, 3/8-16 Hex Nylon Lock
5	5047449B	1	MAIN FRAME
6	5047457B	1	UPPER SHOCK MOUNT
7	5025160	3	WASHER, 3/4" SAE
8	5025284	5	NUT, 3/4-16 Hex Nylon Lock
9	5046093	2	SPACER, .75 x 1.50 x 1.00
10	5022039	4	BALL JOINT, 3/4-16 Male
11	5047461	6	SPACER, .76 x 1.00 x .25
12	5025265X32	2	BOLT, 3/4-16 x 4
13	5025093	4	NUT, 3/4-16 Hex Jam
14	5025095	2	NUT, 1/4-20 Hex Nylon Lock
15	5022673	2	RUBBER BUMPER
16	5047445	1	SUSPENSION ARM ASSEMBLY - LH, Complete (Includes Ref No. 28)
17	5047049B	2	CASTER YOKE
18	5025265X24	2	BOLT, 3/4-16 x 3
19	5025265X48	1	BOLT, 3/4-16 x 6
20	5047489	1	SPACER, .75 x 1.00 x 2.38
21	5022852	1	PIVOT BEARING
22	5021072	2	GREASE SEAL
23	5020884	4	BEARING, Tapered Roller
24	5047452	1	SUSPENSION ARM ASSEMBLY - RH, Complete (Includes Ref No. 28)
25	5025104	2	NUT, 3/4-16 Hex Slotted
26	5021073	2	CAP
27	5025203X10	2	COTTER PIN, 1/8" X 1-1/4"
28	5023356	4	BUSHING, Flange (Qty. (2) per suspension arm)

Footnotes

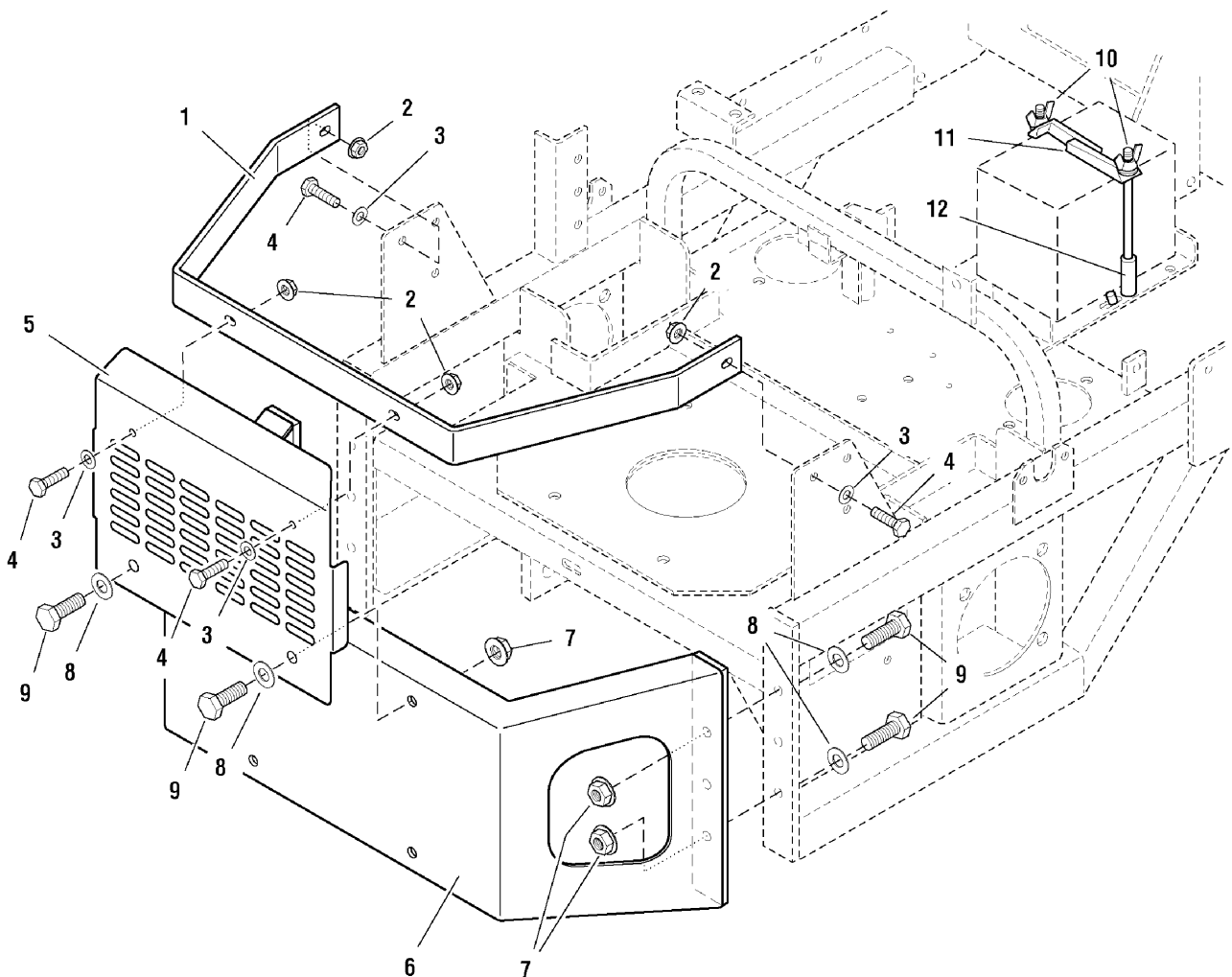
The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

Rear Bumper, Shield & Battery Retainer Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Rear Bumper, Shield & Battery Retainer Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5049142B	1	BUMPER BAR
2	5025139	4	NUT, 5/16-18 Hex Large Serrated Flange
3	5025155	4	WASHER, 5/16" SAE
4	5025011X8	4	BOLT, 5/16-18 x 1
5	5049147B	1	BUMPER SHIELD
6	5047851B	1	BUMPER
7	5025128	6	NUT, 3/8-16 Hex Serrated Flange
8	5025156	6	WASHER, 3/8" SAE
9	5025013X8	6	BOLT, 3/8-16 x 1
10	5022596	2	BATTERY HOLDDOWN BOLT
11	5022595	1	BATTERY HOLDDOWN
12	5050831X3	2	1/4" Fuel Line, 3" Long

Footnotes

The above parts group applies to the following Mfg. Nos.:

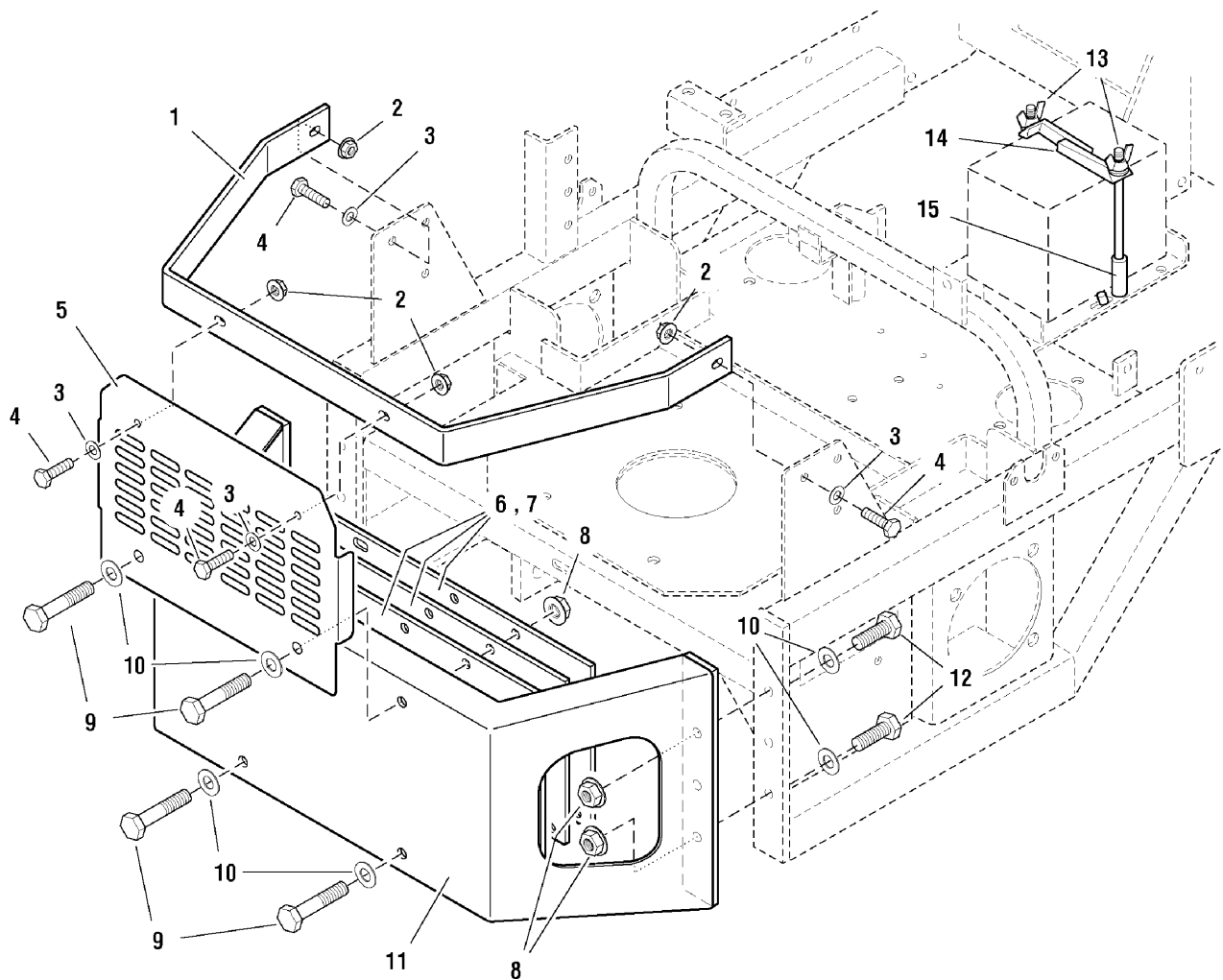
5901050 (S/N: 2531 & above) (IS1000ZKA

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Rear Bumper, Shield & Battery Retainer Group

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



The above parts group applies to the following Mfg. Nos.:

5901051 (S/N: 2531 & above) (IS1000ZKA)

5901003 (S/N: 2899 & above) (1000ZK27/

Rear Bumper, Shield & Battery Retainer Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5049142B	1	BUMPER BAR
2	5025139	6	NUT, 5/16-18 Hex Large Serrated Flange
3	5025155	6	WASHER, 5/16" SAE
4	5025011X8	6	BOLT, 5/16-18 x 1
5	5049147B	1	BUMPER SHIELD
6	5047485B	3	COUNTERWEIGHT (61" model)
7	5047485B	4	COUNTERWEIGHT (52" model)
8	5025128	4	NUT, 3/8-16 Hex Serrated Flange
9	5025013X16	4	BOLT, 3/8-16 x 2
10	5025156	8	WASHER, 3/8" SAE
11	5047851B	1	BUMPER
12	5025013X8	4	BOLT, 3/8-16 x 1
13	5022596	2	BATTERY HOLDDOWN BOLT
14	5022595	1	BATTERY HOLDDOWN
15	5050831X3	2	1/4" Fuel Line, 3" Long

Footnotes

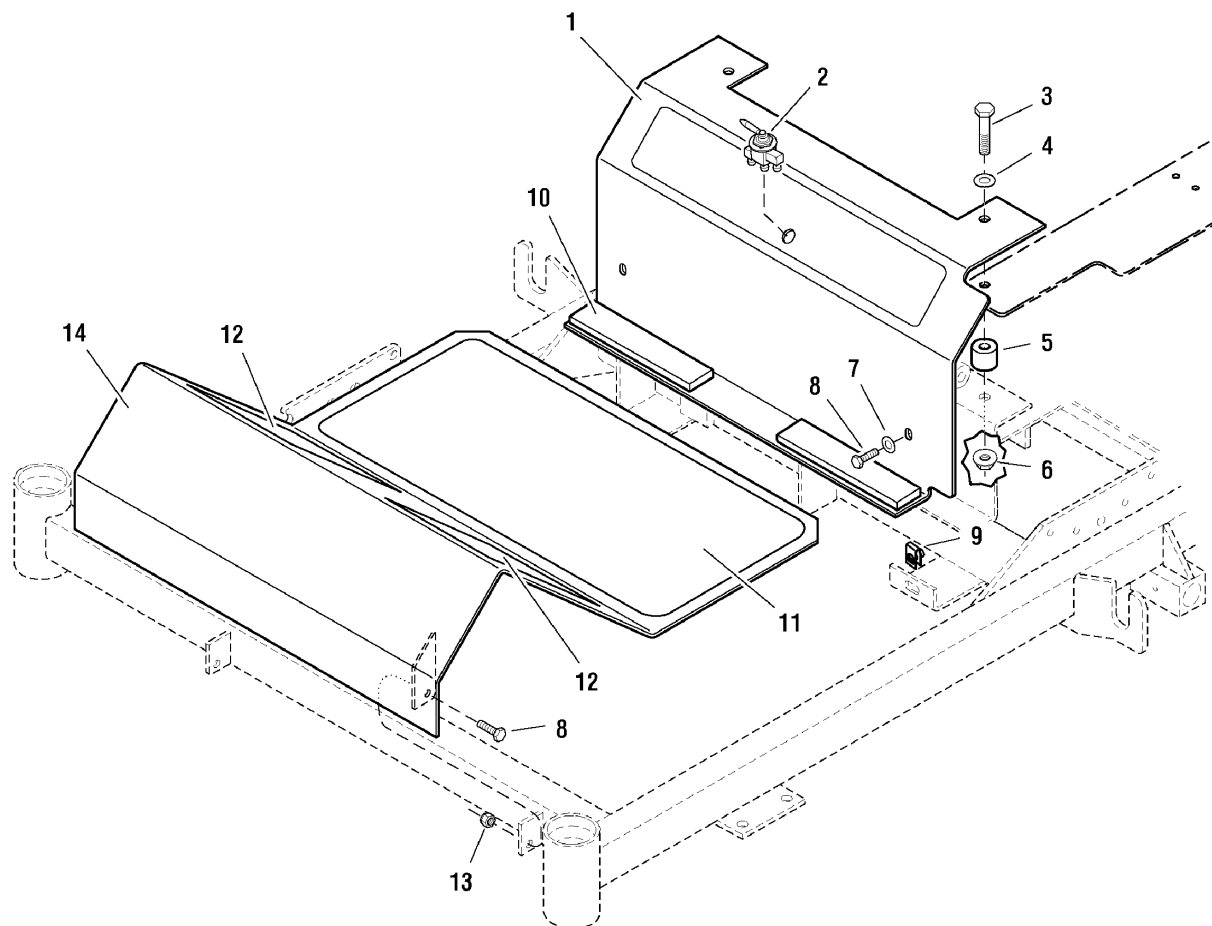
The above parts group applies to the following Mfg. Nos.:

5901051 (S/N: 2531 & above) (IS1000ZKA

5901003 (S/N: 2899 & above) (1000ZK27/

Floor & Brake Cover Group - 48" & 52" Models

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



The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Floor & Brake Cover Group - 48" & 52" Models

REF NO.	PART NO.	QTY.	DESCRIPTION
1	61589	1	BRAKE COVER PANEL ASSEMBLY (Includes decal)
2	5023359	1	VALVE, Fuel Shut Off
3	5025013X16	2	BOLT, 3/8-16 x 2
4	5025156	2	WASHER, 3/8" SAE
5	5047125	2	SPACER, .39 x 1.00 x .88
6	5025128	2	NUT, 3/8-16 Hex Serrated Flange
7	5025155	2	WASHER, 5/16" SAE
8	5025011X8	4	BOLT, 5/16-18 x 1
9	5022308	2	BODY CLIP, 5/16-18
10	5021877	2	RUBBER PAD
11	5044873	1	SAFETY WALK
12	5047139	2	SAFETY WALK
13	5025057	2	NUT, 5/16-18 Hex Nylon Lock
14	5047113B	1	FLOOR PLATE

Footnotes

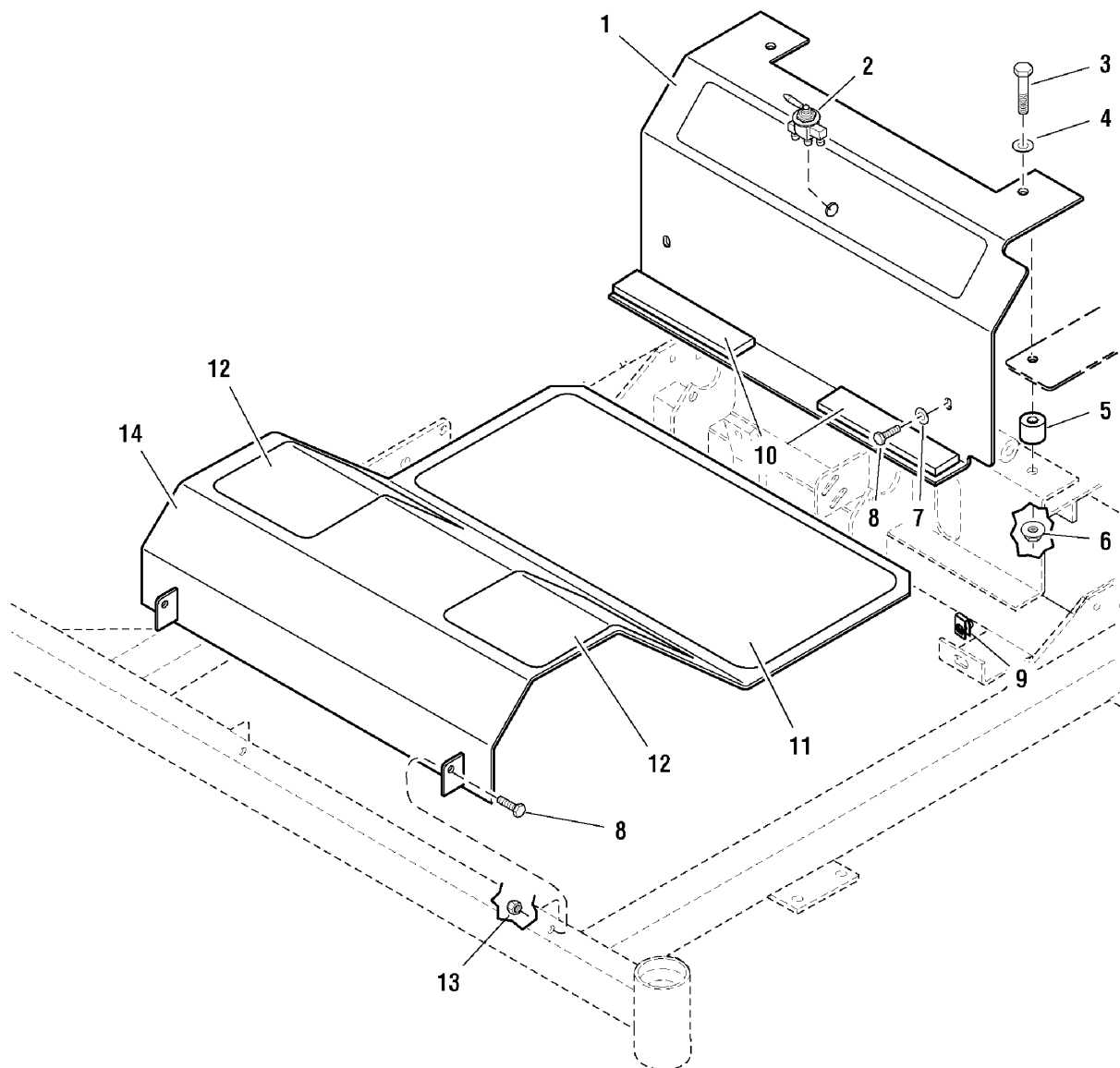
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5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Floor & Brake Cover Group - 61" Model

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Floor & Brake Cover Group - 61" Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	61590	1	BRAKE COVER PANEL ASSEMBLY (Includes decal)
2	5023359	1	VALVE, Fuel Shut Off
3	5025013X16	2	BOLT, 3/8-16 x 2
4	5025156	2	WASHER, 3/8" SAE
5	5047125	2	SPACER, .39 x 1.00 x .88
6	5025128	2	NUT, 3/8-16 Hex Serrated Flange
7	5025155	2	WASHER, 5/16" SAE
8	5025011X8	4	BOLT, 5/16-18 x 1
9	5022308	2	BODY CLIP, 5/16-18
10	5021877	2	RUBBER PAD
11	5044873	1	SAFETY WALK
12	5047139	2	SAFETY WALK
13	5025057	2	NUT, 5/16-18 Hex Nylon Lock
14	5049126B	1	FLOOR PLATE

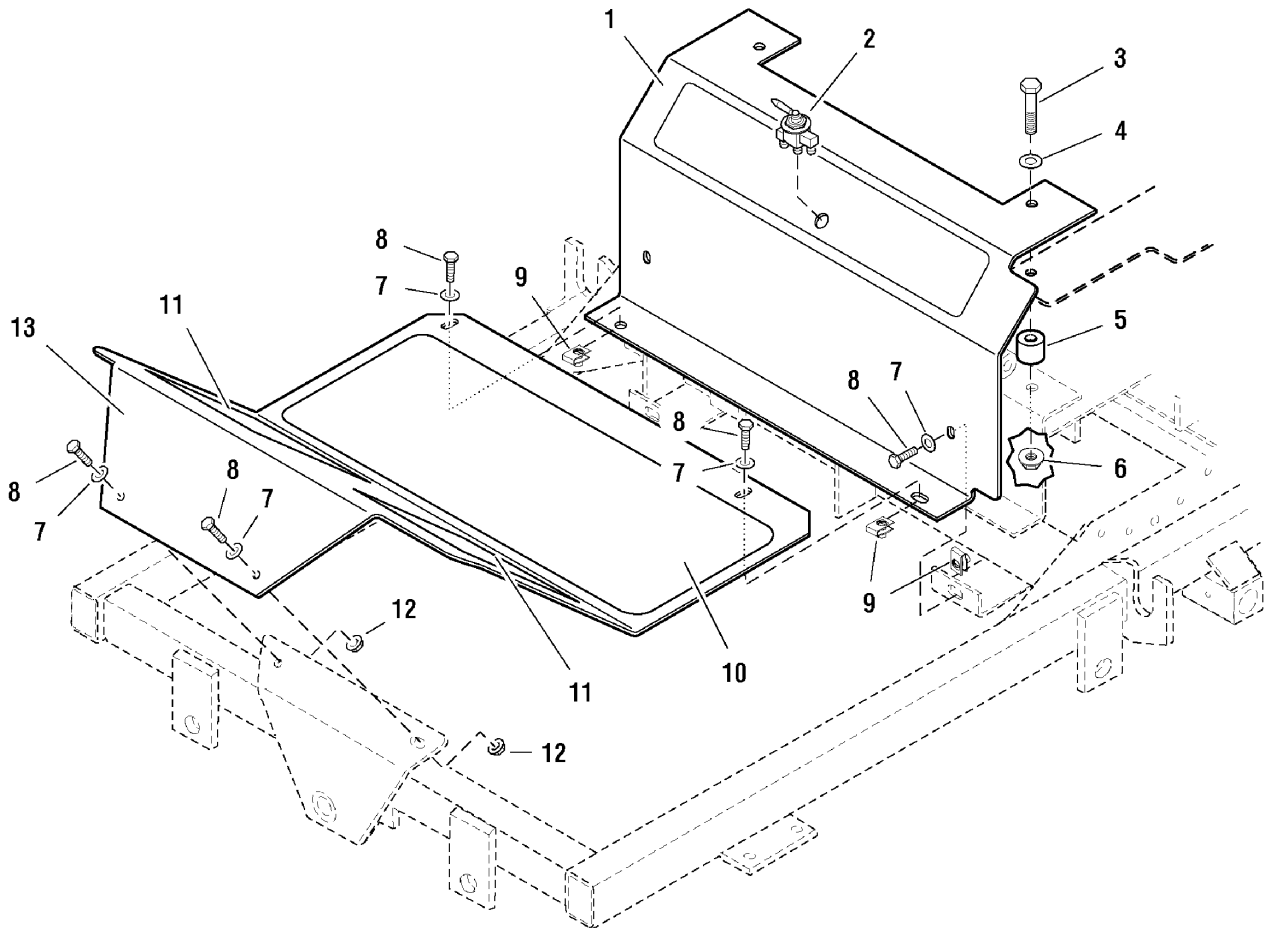
Footnotes

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5901003 (S/N: 2899 & above) (1000ZK27/

Floor & Brake Cover Group - IS Models

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

Floor & Brake Cover Group - IS Models

REF NO.	PART NO.	QTY.	DESCRIPTION
1	61589	1	BRAKE COVER PANEL ASSEMBLY (Includes decal)
2	5023359	1	VALVE, Fuel Shut Off
3	5025013X16	2	BOLT, 3/8-16 x 2
4	5025156	2	WASHER, 3/8" SAE
5	5047125	2	SPACER, .39 x 1.00 x .88
6	5025128	2	NUT, 3/8-16 Hex Serrated Flange
7	5025155	2	WASHER, 5/16" SAE
8	5025011X8	4	BOLT, 5/16-18 x 1
9	5022308	2	BODY CLIP, 5/16-18
10	5044873	1	SAFETY WALK
11	5047139	2	SAFETY WALK
12	5025127	2	NUT, 5/16-18 Hex Small Serrated Flange
13	5047480B	1	FLOOR PLATE

Footnotes

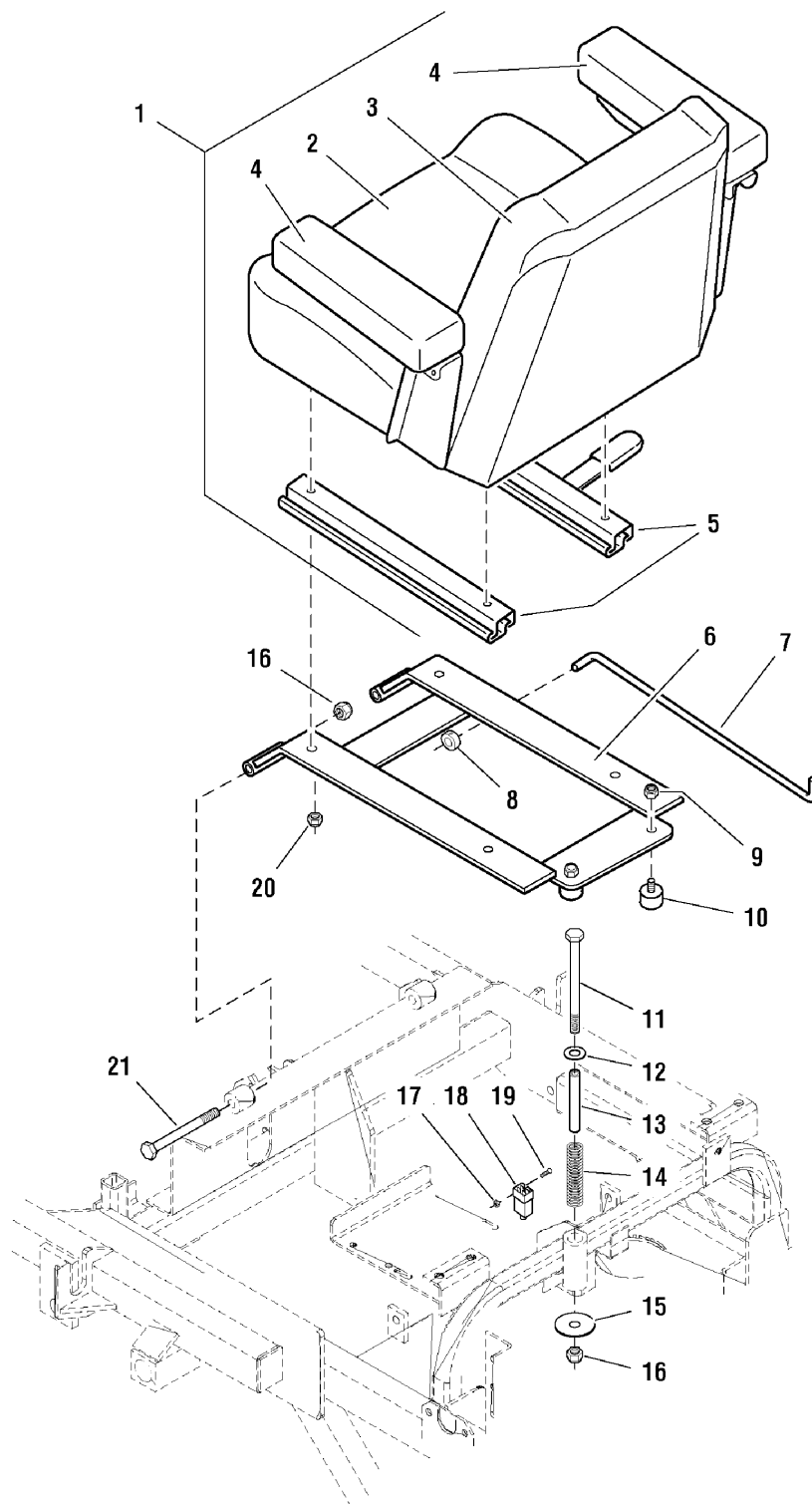
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5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

Seat & Mount Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Seat & Mount Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022031	1	SEAT, Gray, Complete (Includes Ref No. 2 - 5)
2	5022031X2	1	CUSHION, Bottom, Gray
3	5022031X4	1	CUSHION, Back, Gray
4	5022440	2	ARM REST, Black
5	5020930X3	1	SEAT ADJUSTER RAILS (set of 2)
6	5047744B	1	SEAT MOUNT
7	5046470	1	SEAT STOP ROD
8	5020047	1	COLLAR, 5/16" Set
9	5025095	2	NUT, 1/4-20 Hex Nylon Lock
10	5022673	2	RUBBER BUMPER
11	5025013X48	1	BOLT, 3/8-16 x 6
12	5025156	1	WASHER, 3/8" SAE
13	5046586	1	SPACER, .38 x .50 x 5.06
14	5022798	1	SPRING, Compression
15	5025326	1	WASHER, 3/8 x 2
16	5025096	3	NUT, 3/8-16 Hex Nylon Lock
17	25029	2	NUT, #10-24 Hex
18	5022094	1	SWITCH, Plunger, NO/NC
19	5025270	2	SCREW, #10-24 x 1
20	5025057	4	NUT, 5/16-18 Hex Nylon Lock
21	5025013X32	2	BOLT, 3/8-16 x 4
22	5100652	1	SPRING, EXTENSION, 4" SEAT ADJUSTMENT (Not shown.)

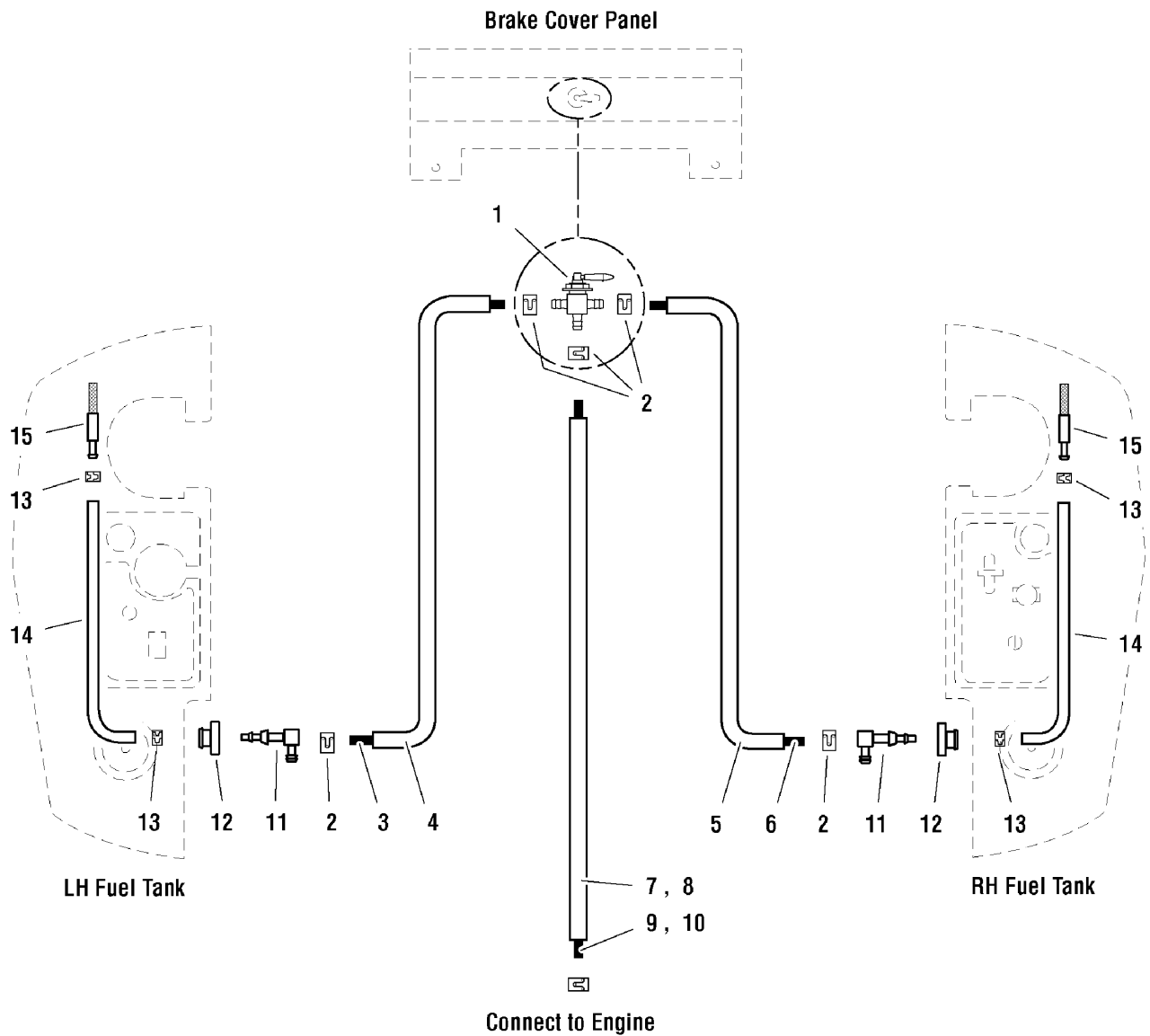
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5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Fuel Supply Hose & Tank Replacement Parts Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)
5901051 (S/N: 2531 & above) (IS1000ZKA)
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Fuel Supply Hose & Tank Replacement Parts Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5023359	1	VALVE, Fuel Shut Off
2	5020835	6	CLAMP, Hose
3	5050831X60	1	1/4" Fuel Line, 60" Long
4	5050833X58	1	WIRE LOOM, 58"
5	5050833X50	1	WIRE LOOM, 50"
6	5050831X52	1	1/4" Fuel Line, 52" Long
7	5050833X38	1	WIRE LOOM, 38" (Kohler)
8	5050833X51	1	WIRE LOOM, 51" (Kawasaki)
9	5050831X40	1	1/4" Fuel Line, 40" Long (Kohler)
10	5050831X53	1	1/4" Fuel Line, 53" Long (Kawasaki)
11	5023061	2	ELBOW FITTING
12	1726400	2	GROMMET
13	5023069	4	HOSE CLAMP
14	5050925X20	2	HOSE, 20"
15	5023067	2	SCREEN FITTING

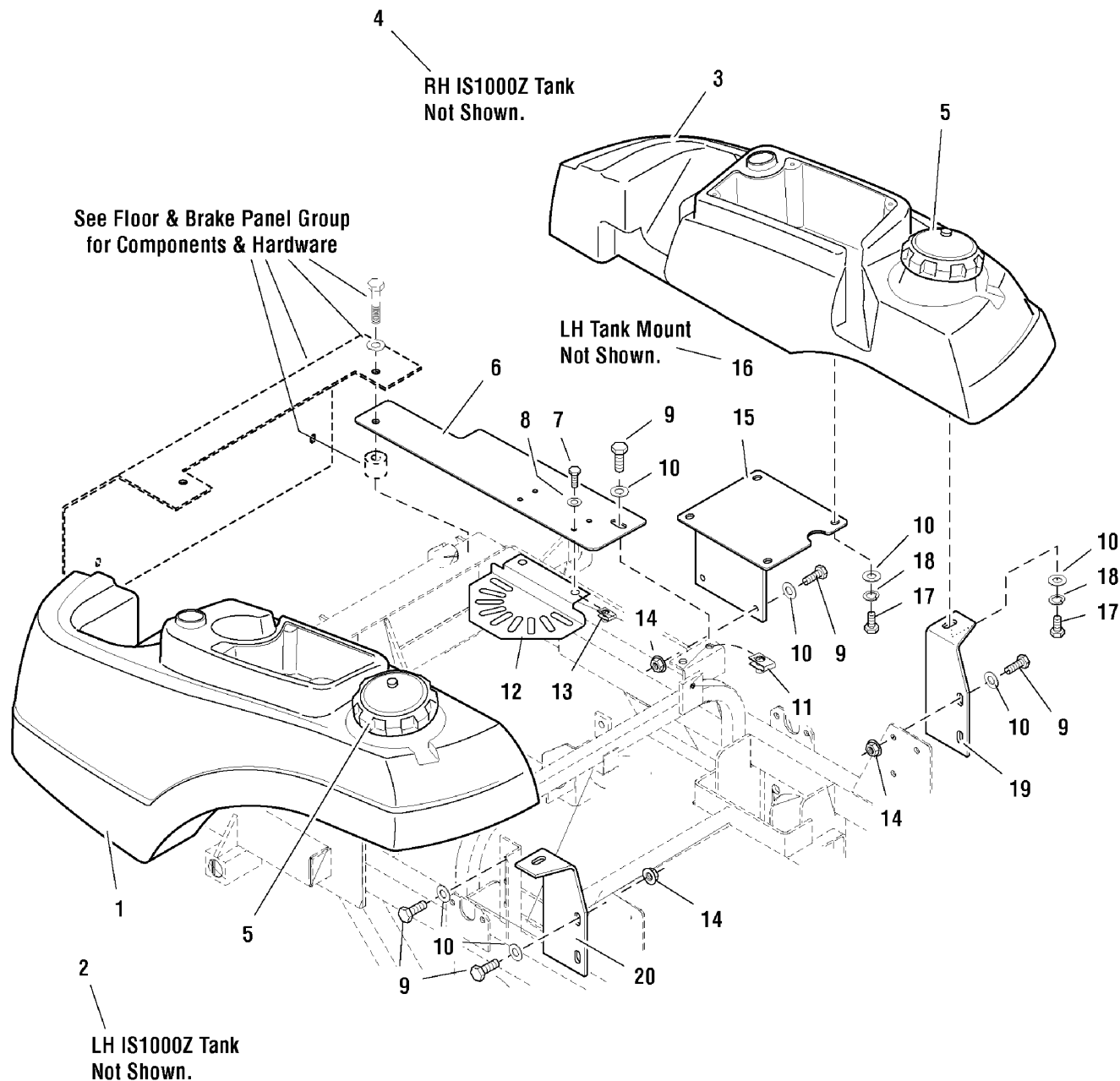
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5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Fuel Tank, Mount & Fan Shield Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)
5901051 (S/N: 2531 & above) (IS1000ZKA)
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Fuel Tank, Mount & Fan Shield Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5049115	1	FUEL TANK, 1000Z, LH
2	5049149	1	FUEL TANK, IS1000Z, LH (Not Shown)
3	5049116	1	FUEL TANK, 1000Z, RH
4	5049150	1	FUEL TANK, IS1000Z, RH (Not Shown)
5	5022158	2	FUEL TANK CAP
6	5047073B	2	COVER, Fan Shield Mount
7	5025010X6	4	BOLT, 1/4-20 x 3/4
8	5025154	4	WASHER, 1/4" SAE
9	5025011X8	12	BOLT, 5/16-18 x 1
10	5025155	22	WASHER, 5/16" SAE
11	5022308	2	BODY CLIP, 5/16-18
12	5046645B	2	FAN SHIELD
13	5022665	4	BODY CLIP, 1/4-20
14	5025127	10	NUT, 5/16-18 Hex Small Serrated Flange
15	5047149B	1	FUEL TANK MOUNT-RH
16	5047133B	1	FUEL TANK MOUNT-LH (Not Shown)
17	5025011X6	10	BOLT, 5/16-18 x 3/4
18	5025170	10	WASHER, 5/16" Lock
19	5047167B	1	BRACKET, Fuel Tank Support-RH
20	5047166B	1	BRACKET, Fuel Tank Support-LH

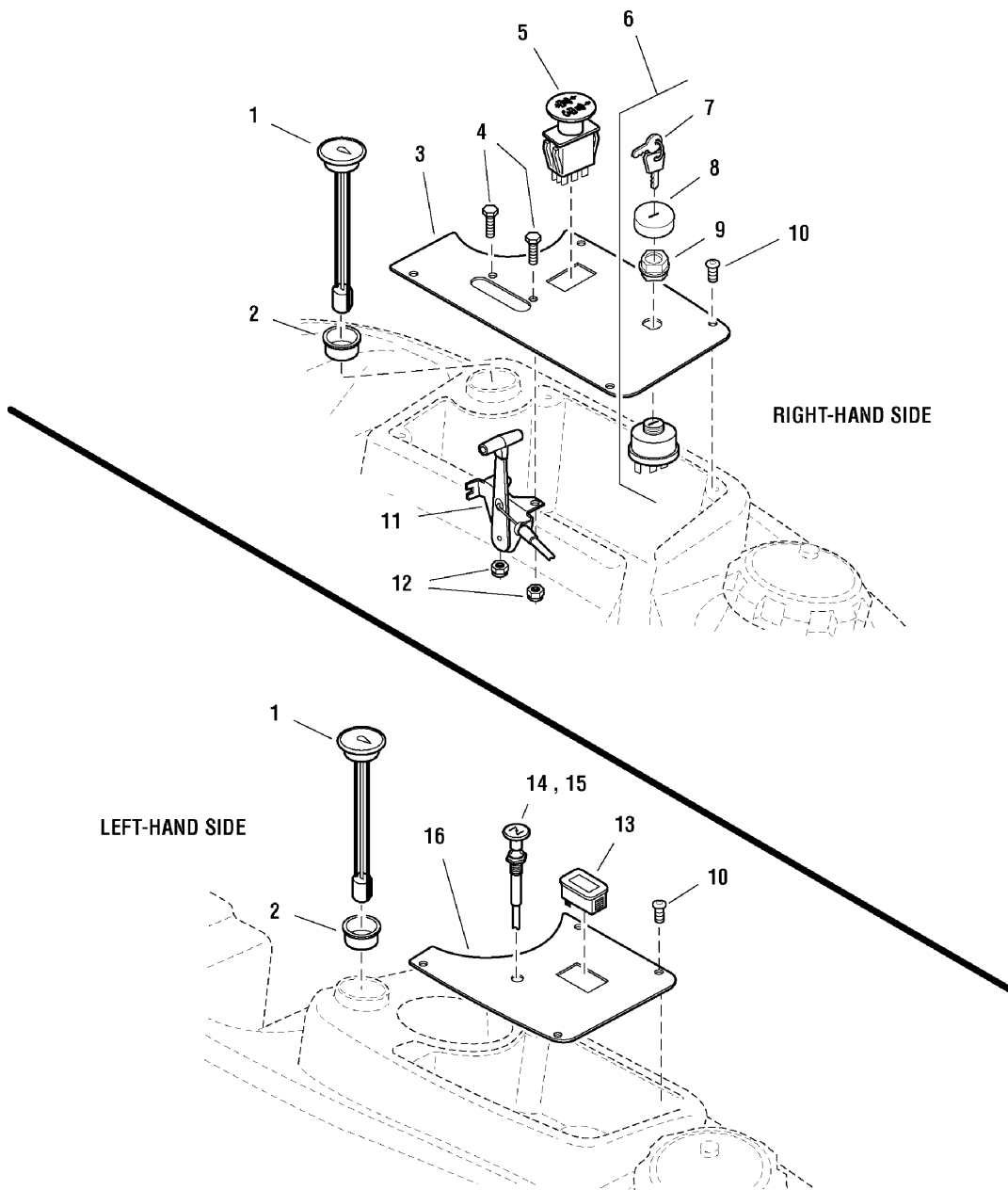
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5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Instrument & Control Panel Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Instrument & Control Panel Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022917	2	FUEL GAUGE
2	5022917X1	2	GROMMET
3	5049109A	1	CONTROL PANEL-RH
4	5025010X6	2	BOLT, 1/4-20 x 3/4
5	5022180	1	SWITCH, PTO
6	5020927	1	SWITCH, Ignition, Complete (Includes Ref No. 7 - 9)
7	5022789	1	KEY, Ignition, Molded Set
8	5022790	1	COVER
9	5022791	1	PLASTIC NUT
10	5025299X4	8	SCREW, Allen Head, 1/4-20 x 1/2
11	5020811	1	CABLE, Throttle, 38"
12	5025126	2	NUT, 1/4-20 Hex Serrated Flange
13	5023244	1	HOURMETER, Digital
14	5023239	1	CABLE, Choke Control, 39-1/2" (Kohler)
15	5023237	1	CABLE, Choke Control, 51" (Kawasaki)
16	5049108A	1	CONTROL PANEL-LH

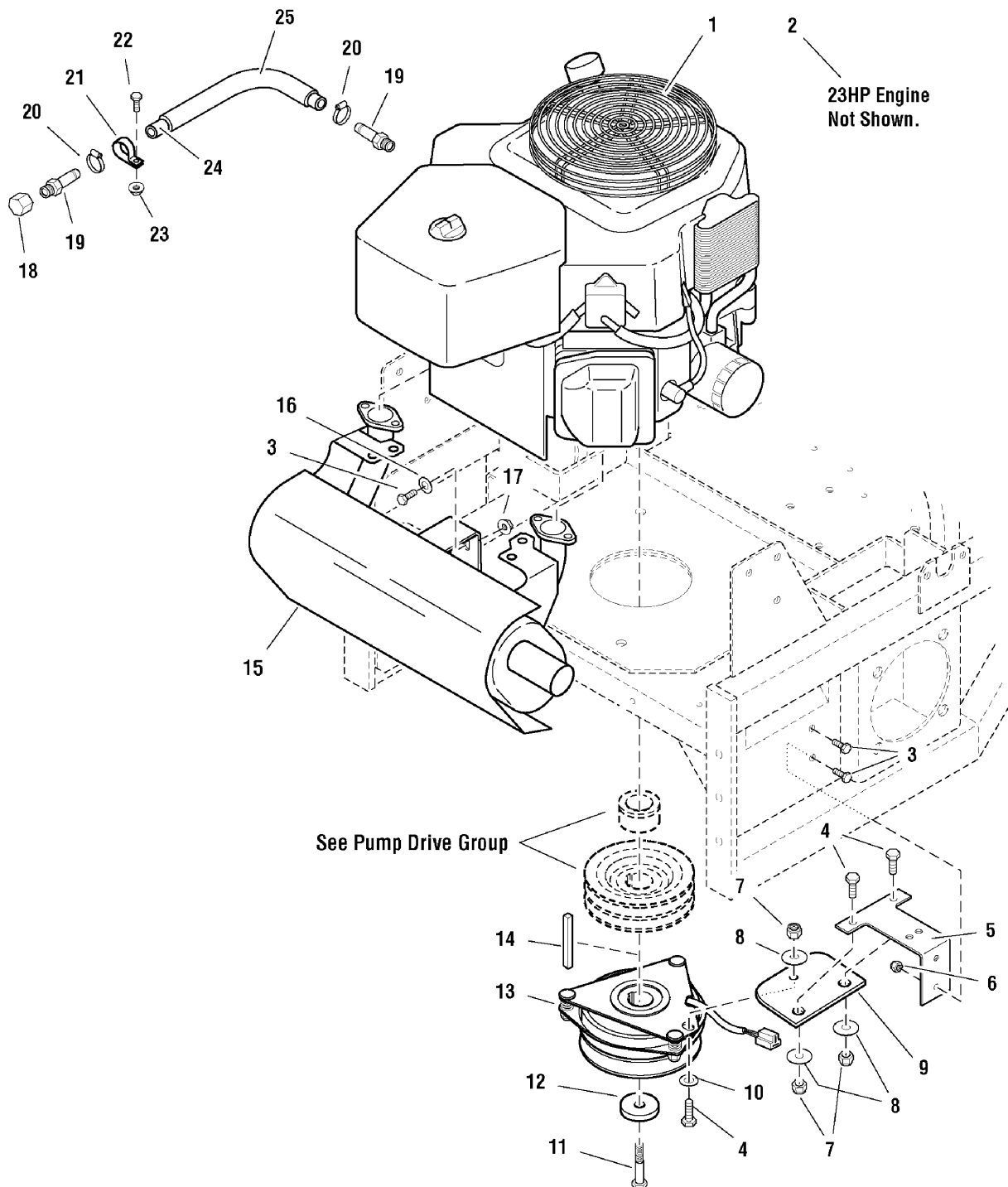
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Engine & PTO Group - Kohler 21HP & 23HP

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



The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Engine & PTO Group - Kohler 21HP & 23HP

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022888	1	ENGINE, 21HP Kohler (Model CV22S)
2	5022889	1	ENGINE, 23HP Kohler (Model CV23S) (Not Shown)
3	5025011X6	3	BOLT, 5/16-18 x 3/4
4	5025013X8	3	BOLT, 3/8-16 x 1
5	5047134B	1	CLUTCH ANCHOR
6	5025057	2	NUT, 5/16-18 Hex Nylon Lock
7	5025096	3	NUT, 3/8-16 Hex Nylon Lock
8	5025165	3	WASHER, 3/8" Fender
9	5043636	1	CLUTCH ANCHOR PAD
10	5025156	1	WASHER, 3/8" SAE
11	5044853	1	CRANKSHAFT BOLT, 7/16 x 2
12	5045475	1	SPACER, .45 x 1.88 x .38
13	5023231	1	ELECTRIC CLUTCH
14	5050407X28	1	KEY, 1/4 SQ. X 3-1/2
15	5022952	1	MUFFLER
16	5025155	1	WASHER, 5/16" SAE
17	5025127	1	NUT, 5/16-18 Hex Small Serrated Flange
18	5021466	1	CAP, 3/8 NPT
19	5021372	2	FITTING, 3/8NPT-1/2" Hose, Straight
20	5021392	2	CLAMP, #6 Hose
21	5021500	1	CLAMP, Vinyl
22	5025010X6	1	BOLT, 1/4-20 x 3/4
23	5025126	1	NUT, 1/4-20 Hex Serrated Flange
24	5050857X13	1	HOSE, 13"
25	5050862X12	1	WIRE LOOM, 12"

Footnotes

- See your local Kohler engine dealer for parts & service.

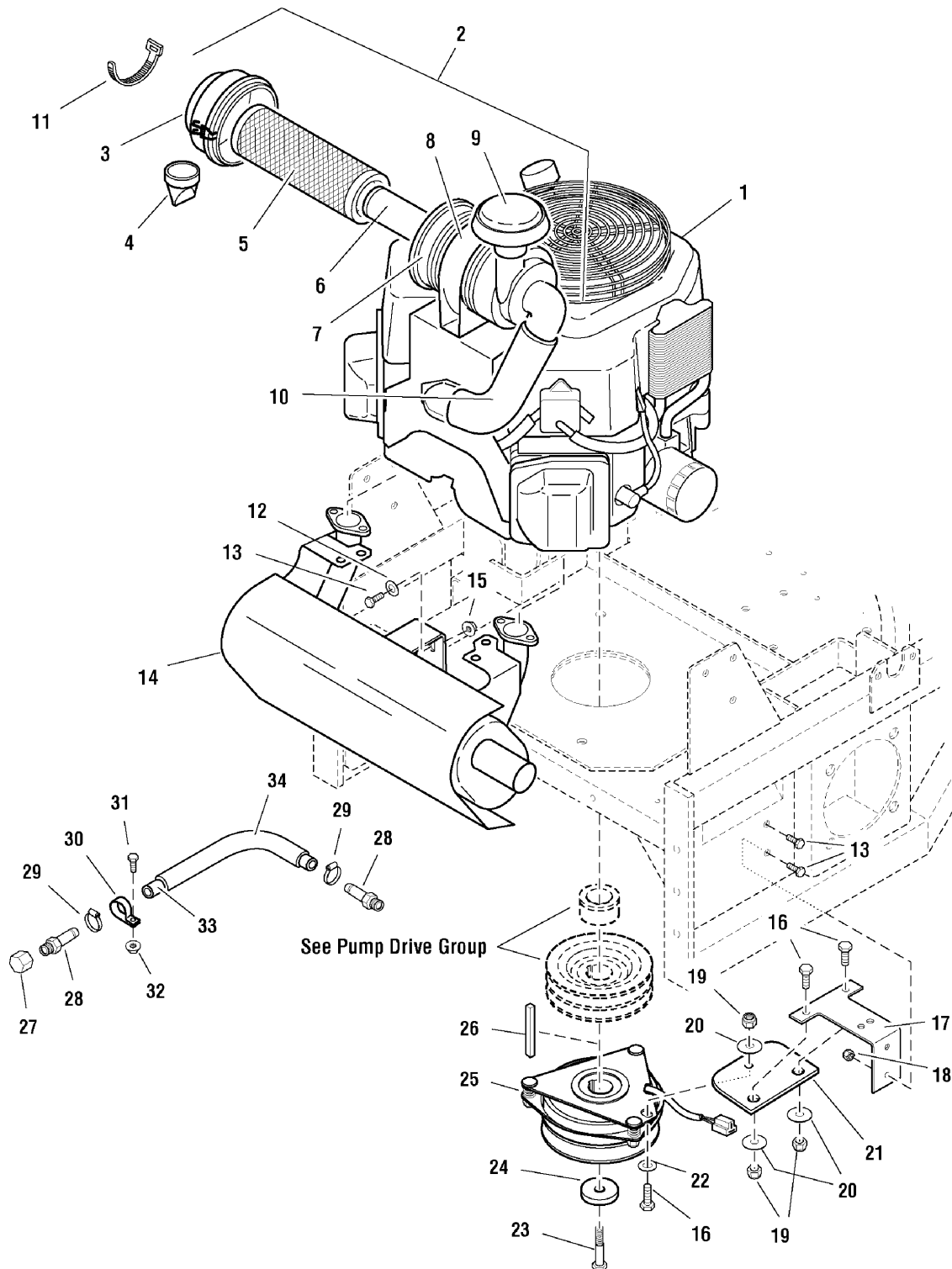
The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Engine & PTO Group - Kohler 27HP

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Engine & PTO Group - Kohler 27HP

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022892	1	ENGINE, 27HP Kohler (Model CV740S) (Includes Ref No. 2 - 10)
2	-	1	KIT, 5.5" HD AIR CLEANER (24 743 22-S) (Includes Ref No. 3 - 9)
3	-	1	END CAP (25 096 06-S)
4	-	1	DUST VALVE (24 462 07-S)
5	5022892X1	1	PRIMARY PAPER ELEMENT (25 083 01-S)
6	5022892X2	1	SECONDARY ELEMENT (25 083 04-S)
7	-	1	HOUSING (25 081 01-S)
8	-	1	HOUSING MOUNT BRACKET (25 126 02-S)
9	5022892X3	1	RAIN COVER (25 324 02-S)
10	-	1	INLET HOSE (25 326 53-S)
11	23261	1	TIE WRAP, 32"
12	5025155	1	WASHER, 5/16" SAE
13	5025011X6	3	BOLT, 5/16-18 x 3/4
14	5022952	1	MUFFLER
15	5025127	1	NUT, 5/16-18 Hex Small Serrated Flange
16	5025013X8	3	BOLT, 3/8-16 x 1
17	5047134B	1	CLUTCH ANCHOR
18	5025057	2	NUT, 5/16-18 Hex Nylon Lock
19	5025096	3	NUT, 3/8-16 Hex Nylon Lock
20	5025165	3	WASHER, 3/8" Fender
21	5043636	1	CLUTCH ANCHOR PAD
22	5025156	1	WASHER, 3/8" SAE
23	5044853	1	CRANKSHAFT BOLT, 7/16 x 2
24	5045475	1	SPACER, .45 x 1.88 x .38
25	5023232	1	ELECTRIC CLUTCH
26	5050407X28	1	KEY, 1/4 SQ. X 3-1/2
27	5021466	1	CAP, 3/8 NPT
28	5021372	2	FITTING, 3/8NPT-1/2" Hose, Straight
29	5021392	2	CLAMP, #6 Hose
30	5021500	1	CLAMP, Vinyl
31	5025010X6	1	BOLT, 1/4-20 x 3/4
32	5025126	1	NUT, 1/4-20 Hex Serrated Flange
33	5050857X13	1	HOSE, 13"
34	5050862X12	1	WIRE LOOM, 12"

Footnotes

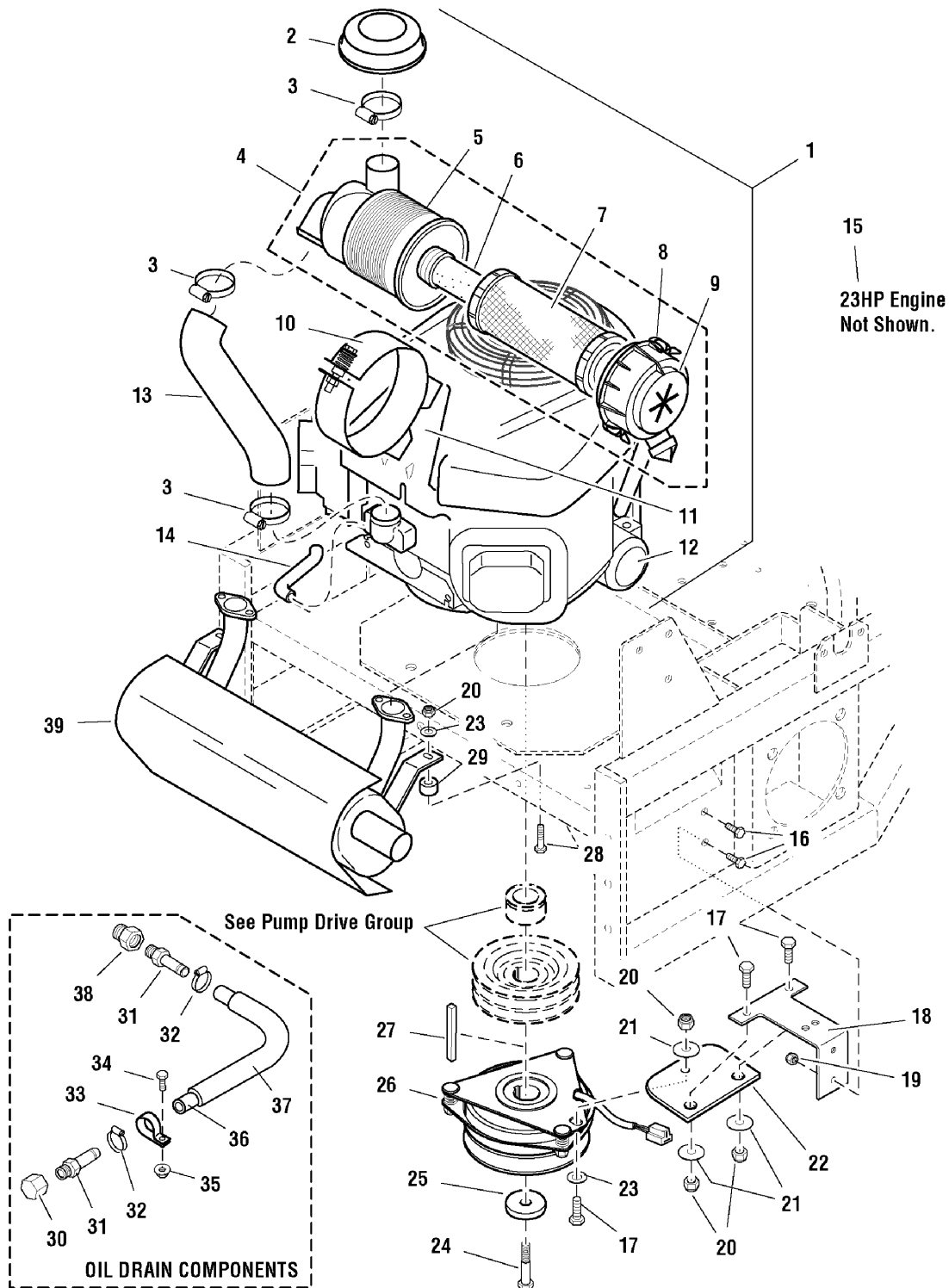
- See your local Kohler engine dealer for parts & service.

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Engine & PTO Group - Kawasaki 21HP & 23HP

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

Engine & PTO Group - Kawasaki 21HP & 23HP

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5023114	1	ENGINE, 21HP Kawasaki (Model FH641V) (Includes Ref No. 2 - 14)
2	5023143	1	RAIN CAP
3	5023146	3	CLAMP
4	5023138	1	AIR FILTER ASSEMBLY, Complete (Includes Ref No. 5 - 9)
5	5023139	1	CASE, Air Filter
6	5023140	1	AIR FILTER, Secondary
7	5023141	1	AIR FILTER, Primary
8	5023147	2	CLAMP, Cap
9	5023144	1	CAP, Filter Case
10	5023145	1	CASE BRACKET, Complete
11	5023142	1	BRACKET PLATE
12	5021334X1	1	OIL FILTER (49065-2078)
13	5023149	1	AIR INLET TUBE
14	5023148	1	BREATHER TUBE
15	5023115	1	ENGINE, 23HP Kawasaki (Model FH680V) (Includes Ref No. 2 - 14)
16	5025011X6	3	BOLT, 5/16-18 x 3/4
17	5025013X8	3	BOLT, 3/8-16 x 1
18	5047134B	1	CLUTCH ANCHOR
19	5025057	4	NUT, 5/16-18 Hex Nylon Lock
20	5025096	3	NUT, 3/8-16 Hex Nylon Lock
21	5025165	3	WASHER, 3/8" Fender
22	5043636	1	CLUTCH ANCHOR PAD
23	5025156	1	WASHER, 3/8" SAE
24	5044853	1	CRANKSHAFT BOLT, 7/16 x 2
25	5045475	1	SPACER, .45 x 1.88 x .38
26	5023231	1	ELECTRIC CLUTCH
27	5050407X28	1	KEY, 1/4 SQ. X 3-1/2
28	5025011X12	2	BOLT, 5/16-18 x 1-1/2
29	5046446	2	SPACER, .39 x 1.00 x .80
30	5021466	1	CAP, 3/8 NPT
31	5021372	2	FITTING, 3/8NPT-1/2" Hose, Straight
32	5021392	2	CLAMP, #6 Hose
33	5021500	1	CLAMP, Vinyl
34	5025010X6	1	BOLT, 1/4-20 x 3/4
35	5025126	1	NUT, 1/4-20 Hex Serrated Flange
36	5050857X9	1	HOSE, 9"
37	5050862X7	1	WIRE LOOM, 7"
38	5022234	1	ADAPTER, Oil Drain
39	5023162	1	MUFFLER

Footnotes

- See your local Kawasaki engine dealer for parts & service.

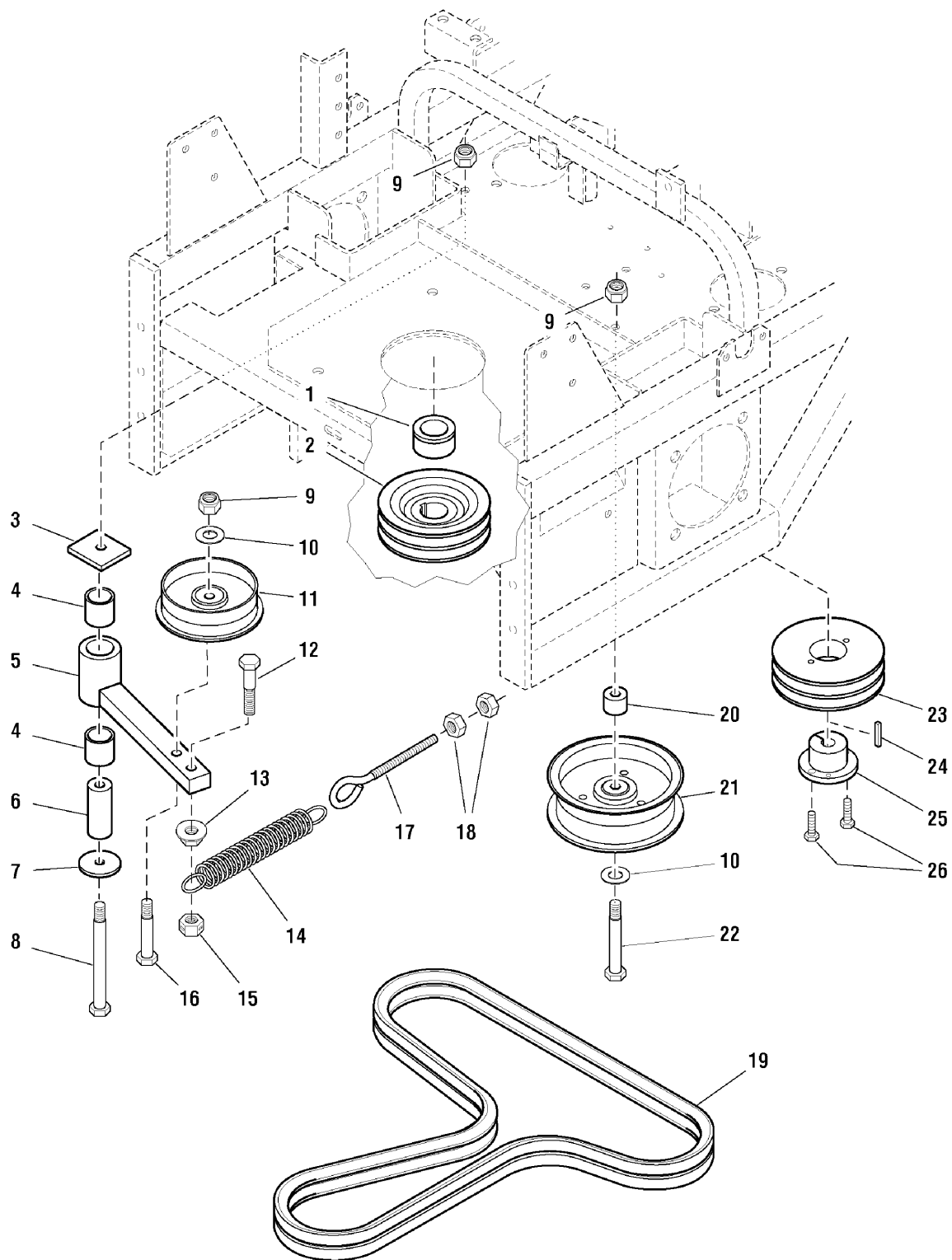
The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

Pump Drive Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)
5901051 (S/N: 2531 & above) (IS1000ZKA)
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Pump Drive Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5047033	1	SPACER, 1.13 x 1.75 x 1.03
2	5047075	1	CRANKSHAFT PULLEY
3	5045090	1	SPACER, Idler Pivot
4	5022157	2	BUSHING, Brass
5	5046430B	1	PUMP DRIVE IDLER ARM
6	5045135	1	SPACER, .39 X 1.00 X 2.55
7	5025305	1	WASHER, 3/8 x 1-3/4
8	5025013X32	1	BOLT, 3/8-16 x 4
9	5025096	3	NUT, 3/8-16 Hex Nylon Lock
10	5025156	2	WASHER, 3/8" SAE
11	5022621	1	PULLEY, Idler (Single Flange)
12	5025013X14	1	BOLT, 3/8-16 x 1-3/4
13	5025128	1	NUT, 3/8-16 Hex Serrated Flange
14	5022847	1	SPRING, Extension, Swivel End
15	5025100	1	NUT, 3/8-16 Hex Side Lock
16	5025013X18	1	BOLT, 3/8-16 x 2-1/4
17	5023497	1	EYEBOLT, 3/8-16 x 5"
18	5025034	2	NUT, 3/8-16 Hex
19	5022314	1	BELT, Pump Drive (set of 2)
20	5046446	1	SPACER, .39 x 1.00 x .79
21	5022620	1	PULLEY, Idler
22	5025013X22	1	BOLT, 3/8-16 x 2-3/4
23	5022586	2	PULLEY, Pump Drive
24	5023254	2	KEY, 5MM SQ. x 25MM w/ Round Ends
25	5022587	2	BUSHING, Tapered Hub
26	5025010X8	4	BOLT, 1/4-20 x 1

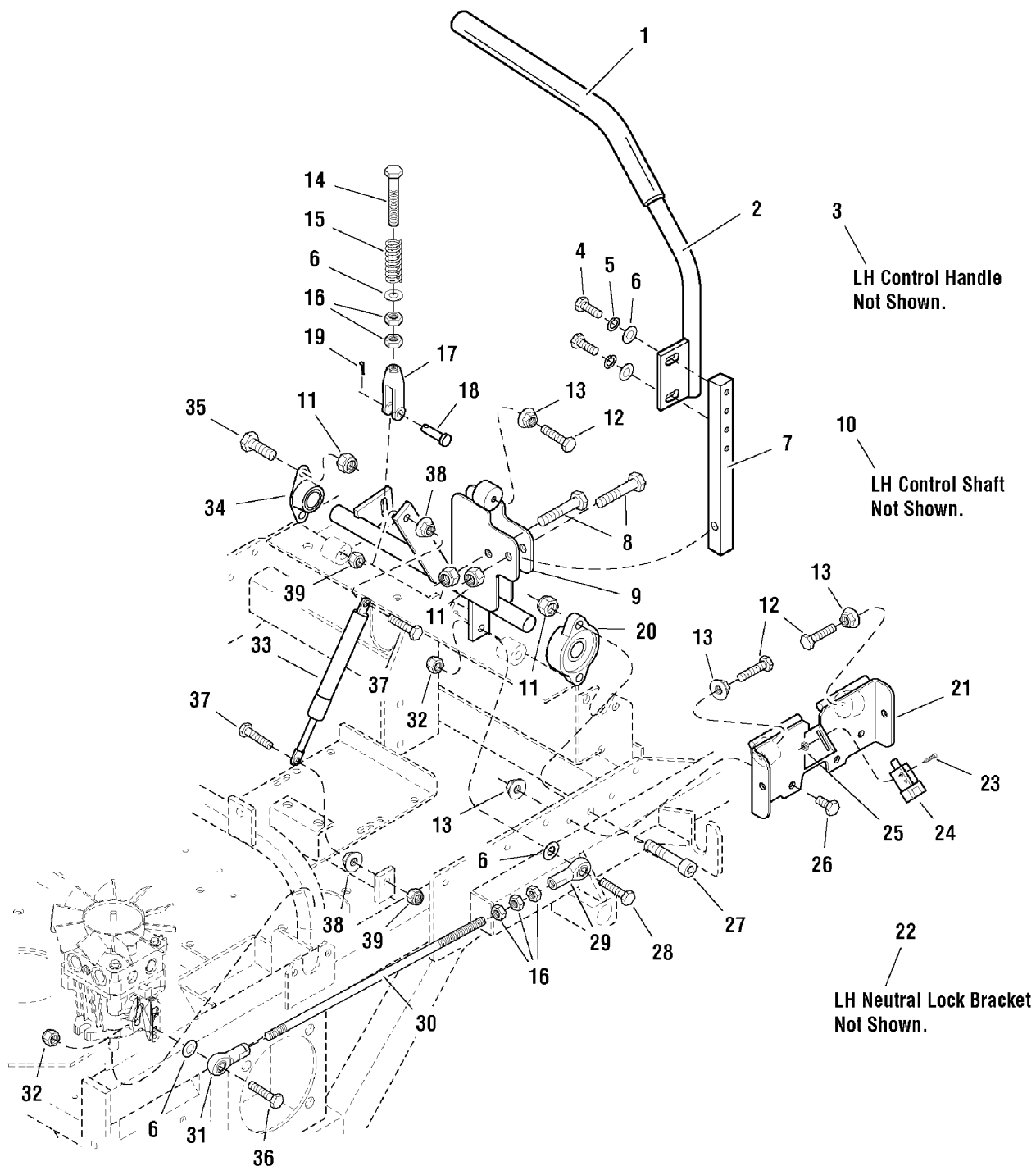
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Motion Control Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)
 5901051 (S/N: 2531 & above) (IS1000ZKA)
 5901000 (S/N: 2899 & above) (1000ZK21/
 5901002 (S/N: 2899 & above) (1000ZK23/
 5901003 (S/N: 2899 & above) (1000ZK27/

Motion Control Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022068	2	GRIP, Foam
2	5047056B	1	MOTION CONTROL LEVER-RH
3	5047055B	1	MOTION CONTROL LEVER-LH (Not Shown)
4	5025011X8	4	BOLT, 5/16-18 x 1
5	5025170	4	WASHER, 5/16" Lock
6	5025155	10	WASHER, 5/16" SAE
7	5047004	2	CONTROL LEVER BASE
8	5025013X14	4	BOLT, 3/8-16 x 1-3/4
9	5047045B	1	CONTROL SHAFT-RH
10	5047044B	1	CONTROL SHAFT-LH (Not Shown)
11	5025096	10	NUT, 3/8-16 Hex Nylon Lock
12	5025055X14	6	BOLT, 5/16-18 x 1-3/4 TFL
13	5025127	10	NUT, 5/16-18 Hex Small Serrated Flange
14	5047137	2	REVERSE RETURN BOLT
15	5022645	2	SPRING, Compression
16	5025033	10	NUT, 5/16-24 Hex
17	5020979	2	CLEVIS, 5/16-24, Plastic
18	5025213X8	2	CLEVIS PIN, 5/16 x 1
19	5025201X6	2	COTTER PIN, 3/32" x 3/4"
20	5021499	2	BEARING, Flange
21	5047081B	1	NEUTRAL LOCK BRACKET-RH
22	5047080B	1	NEUTRAL LOCK BRACKET-LH (Not Shown)
23	25179-4	4	SCREW, #10-24 x 1/2
24	5021451	2	SWITCH, Plunger, NO
25	25029	4	NUT, #10-24 Hex
26	5025011X8	8	BOLT, 5/16-18 x 1
27	5025327	4	BOLT, Allen Head, 3/8-16 x 1-1/4
28	5025011X10	2	BOLT, 5/16-18 x 1-1/4
29	5021146	2	BALL JOINT, 5/16-24 Female
30	5047102	2	HYDRO CONTROL ROD
31	5022628	2	BALL JOINT, 5/16-24 LH
32	5025057	4	NUT, 5/16-18 Hex Nylon Lock
33	5022978	2	DAMPENER
34	5021098	2	BEARING, Flange
35	5025013X8	2	BOLT, 3/8-16 x 1
36	5025011X9	2	BOLT, 5/16-18 x 1-1/8
37	5025335	4	BOLT, M8 x 35MM
38	5025355	4	NUT, M8-1.25 Hex Serrated Flange
39	5025354	4	NUT, M8-1.25 Hex Nylon Lock

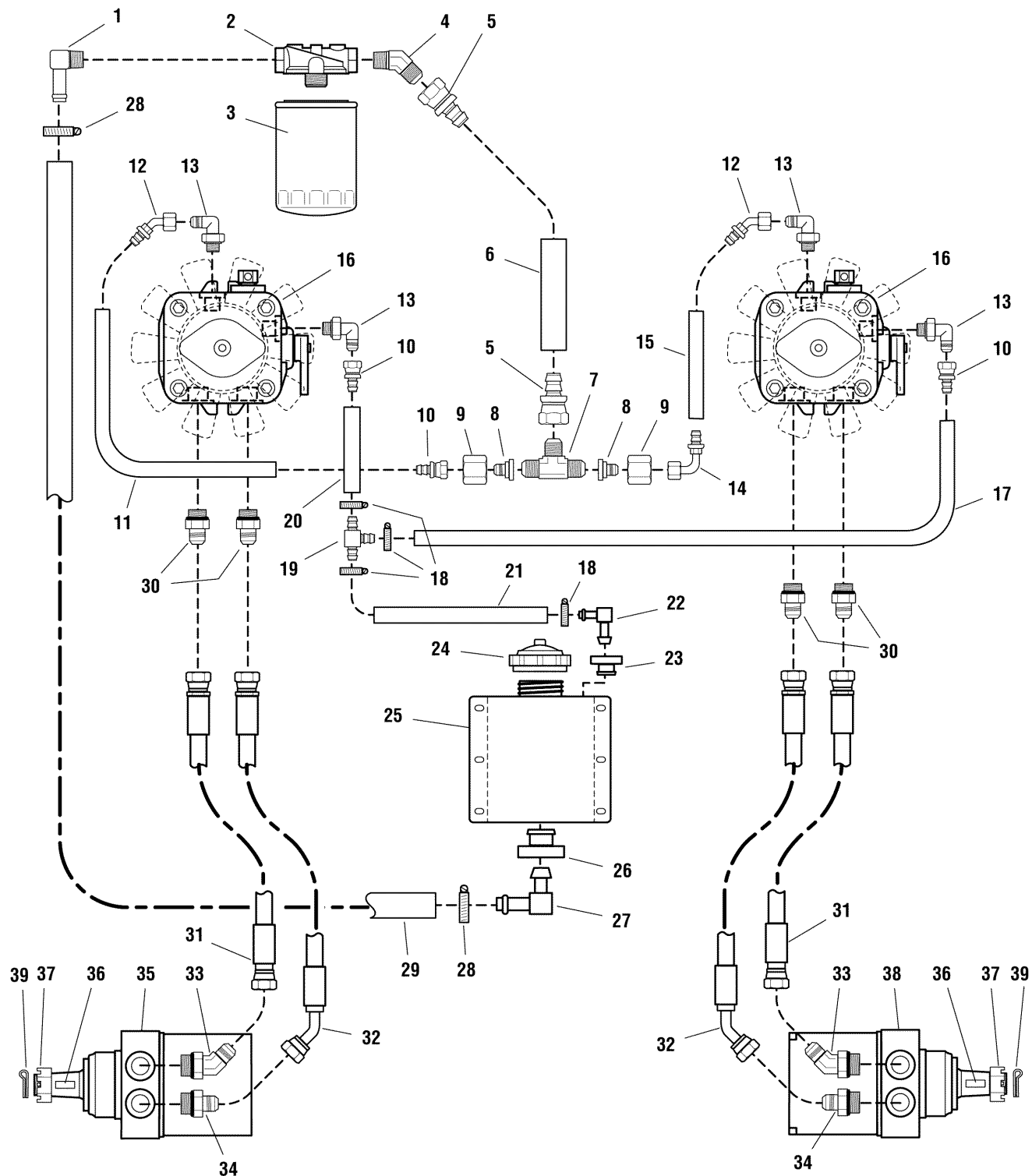
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Hydraulic Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)
 5901051 (S/N: 2531 & above) (IS1000ZKA)
 5901000 (S/N: 2899 & above) (1000ZK21/
 5901002 (S/N: 2899 & above) (1000ZK23/

Hydraulic Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5021233	1	FITTING, 1/2" NPT, 90 Deg.
2	5021356	1	FILTER HEAD
3	5021357	1	FILTER
4	5022720	1	FITTING, 1/2" NPT, 45 Deg.
5	5022719	2	FITTING, Straight Swivel
6	50848-7.5	1	HOSE, Hydraulic, 7-1/2"
7	5022718	1	FITTING, Tee
8	5022716	2	ADAPTER, Tee
9	5022717	2	NUT, Adapter
10	5022713	3	FITTING, Straight Swivel
11	5050860X13P75	1	HOSE, Hydraulic, 13-3/4"
12	5022714	2	FITTING, 45 Deg. Swivel
13	5022712	4	FITTING, O-Ring, 90 Deg.
14	5022715	1	FITTING, 90 Deg. Swivel
15	5050860X6P75	1	HOSE, Hydraulic, 6-3/4"
16	5022571	2	HYDRAULIC PUMP, 10CC, w/ FAN
17	5050860X16P5	1	HOSE, Hydraulic, 16-1/2"
18	5021392	4	CLAMP, #6 Hose
19	5022920	1	FITTING, TEE, 3/8" Hose
20	5050860X6	1	HOSE, Hydraulic, 6"
21	5050860X17P5	1	HOSE, Hydraulic, 17-1/2"
22	5023118	1	FITTING, Elbow, 3/8"
23	5023120	1	GROMMET
24	5023191	1	CAP, Hydraulic Oil Only
25	5048111	1	HYDRAULIC OIL RESERVOIR, Complete (Includes Ref. No. 22, 23, 26 & 27)
26	5023121	1	GROMMET
27	5023119	1	FITTING, Elbow, 5/8"
28	5021164	2	CLAMP, #10 Hose
29	5050848X18	1	HOSE, Hydraulic, 18"
30	5022633	4	FITTING, O-Ring Adapter
31	5022711	2	HYDRAULIC HOSE ASSEMBLY, 21"
32	5022710	2	HYDRAULIC HOSE ASSEMBLY, 25"
33	5022709	2	FITTING, O-Ring, 45 Deg.
34	5022634	2	FITTING, O-Ring Adapter
35	5022974L	1	HYDRAULIC WHEEL MOTOR-LEFT, Complete (Includes Ref No. 36 & 37)
36	5022042X2	2	KEY
37	5022042X3	2	NUT, CASTLE, 1-20
38	5022974R	1	HYDRAULIC WHEEL MOTOR-RIGHT, Complete (Includes Ref No. 36 & 37)
39	5025203X16	2	PIN, COTTER, 1/8" X 2"

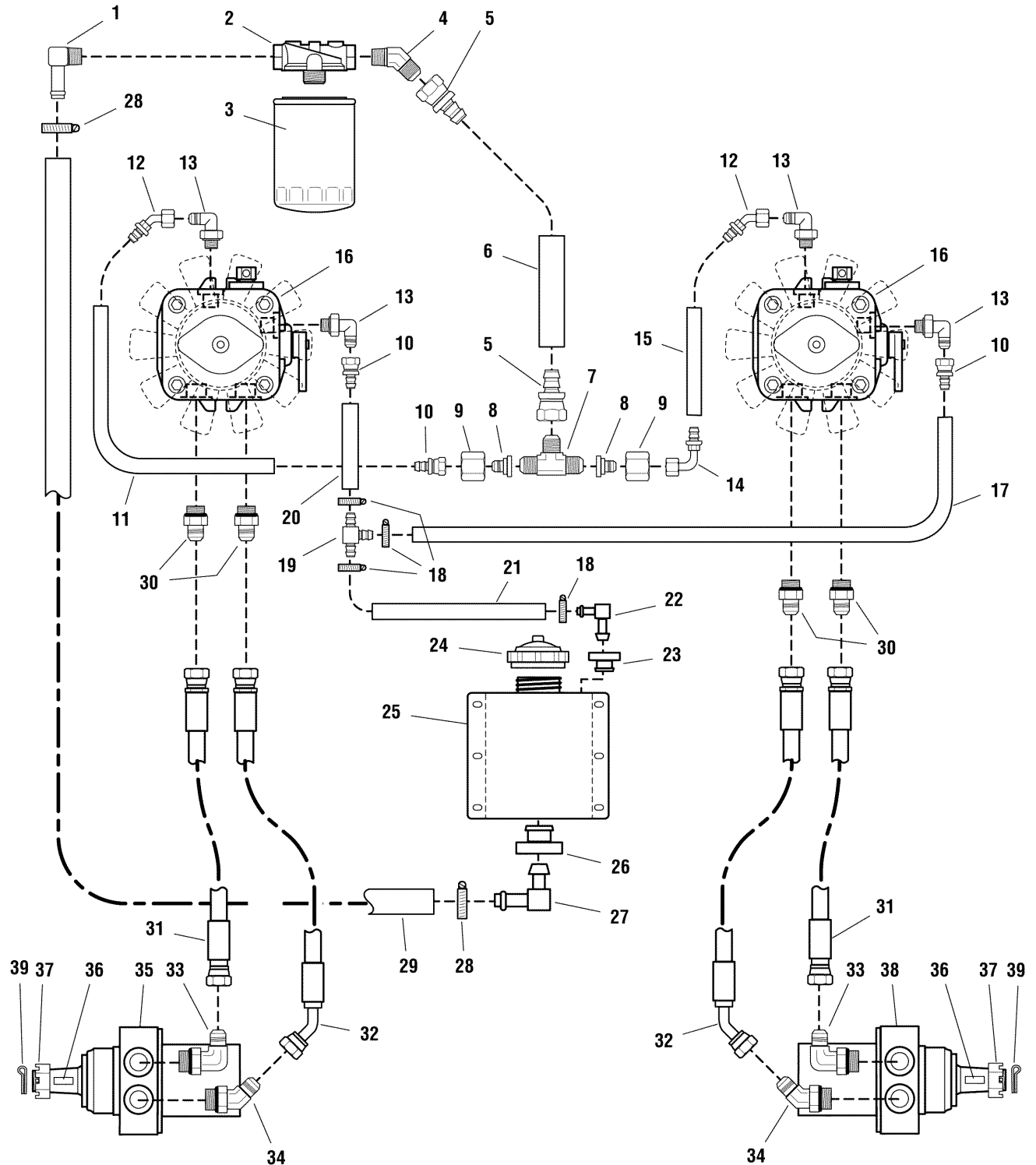
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/

Hydraulic Group - 61" Model

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Hydraulic Group - 61" Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5021233	1	FITTING, 1/2" NPT, 90 Deg.
2	5021356	1	FILTER HEAD
3	5021357	1	FILTER
4	5022720	1	FITTING, 1/2" NPT, 45 Deg.
5	5022719	2	FITTING, Straight Swivel
6	50848-7.5	1	HOSE, Hydraulic, 7-1/2"
7	5022718	1	FITTING, Tee
8	5022716	2	ADAPTER, Tee
9	5022717	2	NUT, Adapter
10	5022713	3	FITTING, Straight Swivel
11	5050860X13P75	1	HOSE, Hydraulic, 13-3/4"
12	5022714	2	FITTING, 45 Deg. Swivel
13	5022712	4	FITTING, O-Ring, 90 Deg.
14	5022715	1	FITTING, 90 Deg. Swivel
15	5050860X6P75	1	HOSE, Hydraulic, 6-3/4"
16	5022571	2	HYDRAULIC PUMP, 10CC, w/ FAN
17	5050860X16P5	1	HOSE, Hydraulic, 16-1/2"
18	5021392	4	CLAMP, #6 Hose
19	5022920	1	FITTING, TEE, 3/8" Hose
20	5050860X6	1	HOSE, Hydraulic, 6"
21	5050860X26P25	1	HOSE, Hydraulic, 26-1/4"
22	5023118	1	FITTING, Elbow, 3/8"
23	5023120	1	GROMMET
24	5023191	1	CAP, Hydraulic Oil Only
25	5048111	1	HYDRAULIC OIL RESERVOIR, Complete (Includes Ref. No. 22, 23, 26 & 27)
26	5023121	1	GROMMET
27	5023119	1	FITTING, Elbow, 5/8"
28	5021164	2	CLAMP, #10 Hose
29	5050848X19	1	HOSE, Hydraulic, 19"
30	5022633	4	FITTING, O-Ring Adapter
31	5023248	2	HYDRAULIC HOSE ASSEMBLY, 17"
32	5023247	2	HYDRAULIC HOSE ASSEMBLY, 22"
33	5023276	2	FITTING, O-Ring, 90 Deg.
34	5022709	2	FITTING, O-Ring, 45 Deg.
35	5022974L	1	HYDRAULIC WHEEL MOTOR-LEFT, Complete (Includes Ref No. 36 & 37)
36	5022042X2	2	KEY
37	5022042X3	2	NUT, CASTLE, 1-20
38	5022974R	1	HYDRAULIC WHEEL MOTOR-RIGHT, Complete (Includes Ref No. 36 & 37)
39	5025203X16	2	PIN, COTTER, 1/8" X 2"

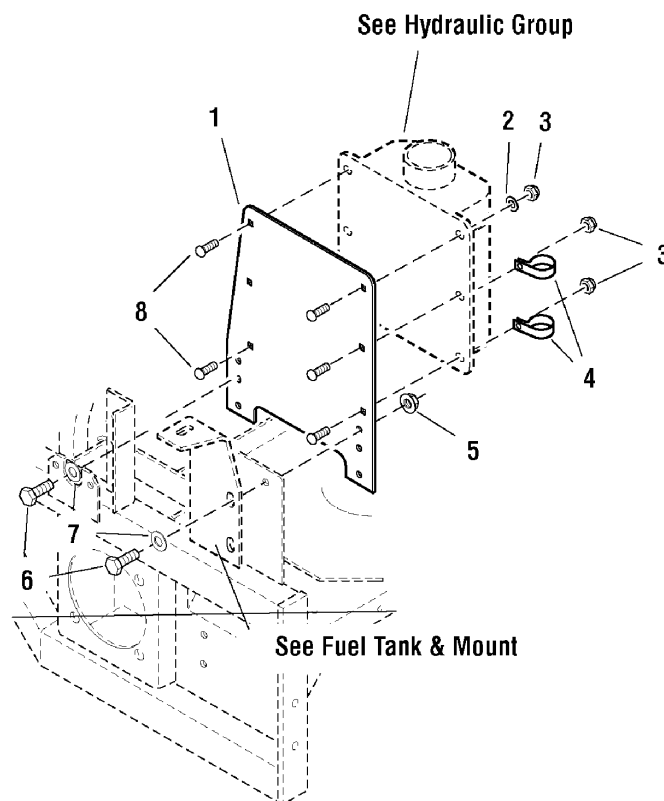
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Hydraulic Tank Mount Group

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)
5901051 (S/N: 2531 & above) (IS1000ZKA)
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Hydraulic Tank Mount Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5048351B	1	PLATE, Tank Mount
2	5025154	3	WASHER, 1/4" SAE
3	5025095	5	NUT, 1/4-20 Hex Nylon Lock
4	5021500	2	CLAMP, Vinyl
5	5025127	4	NUT, 5/16-18 Hex Small Serrated Flange
6	5025011X8	4	BOLT, 5/16-18 x 1
7	5025155	4	WASHER, 5/16" SAE
8	5025144X6	5	CARRIAGE BOLT, 1/4-20 x 3/4

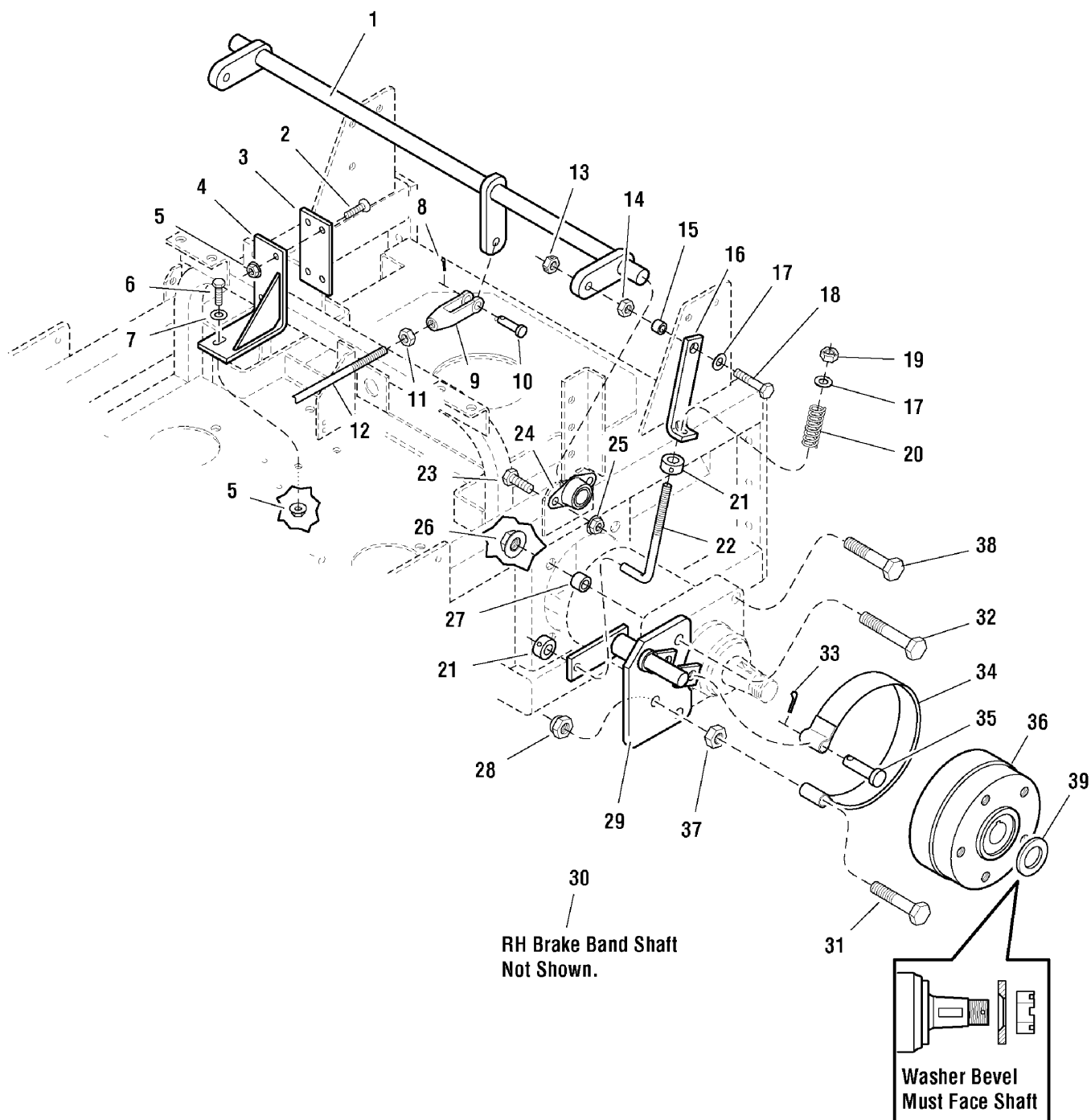
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Parking Brake Group - Lower

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)
5901051 (S/N: 2531 & above) (IS1000ZKA)
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/

Parking Brake Group - Lower

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5047128B	1	BRAKE CROSS SHAFT
2	5025303	2	SCREW, Flat Head, Socket, 5/16-18 x 1
3	5045990	1	FRICTION PLATE
4	5047153B	1	SUPPORT, Brake Shaft
5	5025127	4	NUT, 5/16-18 Hex Small Serrated Flange
6	5025011X8	2	BOLT, 5/16-18 x 1
7	5025155	2	WASHER, 5/16" SAE
8	5025201X6	1	COTTER PIN, 3/32" x 3/4"
9	5021171	1	CLEVIS, 3/8-24, Plastic
10	5025214X8	1	CLEVIS PIN, 3/8 x 1
11	5025035	1	NUT, 3/8-24 Hex
12	5047119	1	BRAKE CONNECTING ROD
13	5025100	2	NUT, 3/8-16 Hex Side Lock
14	5025034	2	NUT, 3/8-16 Hex
15	5041930	2	SPACER, .38 x .50 x .27
16	5047084B	2	BRAKE LINK
17	5025156	4	WASHER, 3/8" SAE
18	5025013X12	2	BOLT, 3/8-16 x 1-1/2
19	5025046	2	NUT, 3/8-16 Hex Top Lock
20	5022361	2	SPRING, Compression
21	5010546	4	COLLAR, 3/8" Set
22	5047091	2	ROD, Brake Adjustment
23	5025013X6	4	BOLT, 3/8-16 x 3/4
24	5021098	2	BEARING, Flange
25	5025128	4	NUT, 3/8-16 Hex Serrated Flange
26	5025387	8	NUT, 1/2-20 Hex Flange Lock
27	5047027	8	SPACER, .51 X .75 X .56
28	5025056	2	NUT, 1/2-13 Hex Nylon Lock
29	5047089B	1	BRAKE BAND SHAFT-LH
30	5047090B	1	BRAKE BAND SHAFT-RH (Not Shown)
31	5025017X24	2	BOLT, 1/2-13 x 3
32	5025018X28	4	BOLT, 1/2-20 x 3-1/2
33	25202-10	2	COTTER PIN, 3/16" x 1-1/4"
34	5022607	2	BRAKE BAND
35	25328-16	2	CLEVIS PIN, 1/2 x 2
36	5047052	2	BRAKE HUB
37	5025038	2	NUT, 1/2-13 Hex
38	5025018X24	4	BOLT, 1/2-20 x 3
39	5023249	2	WASHER, 1 x 2

Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

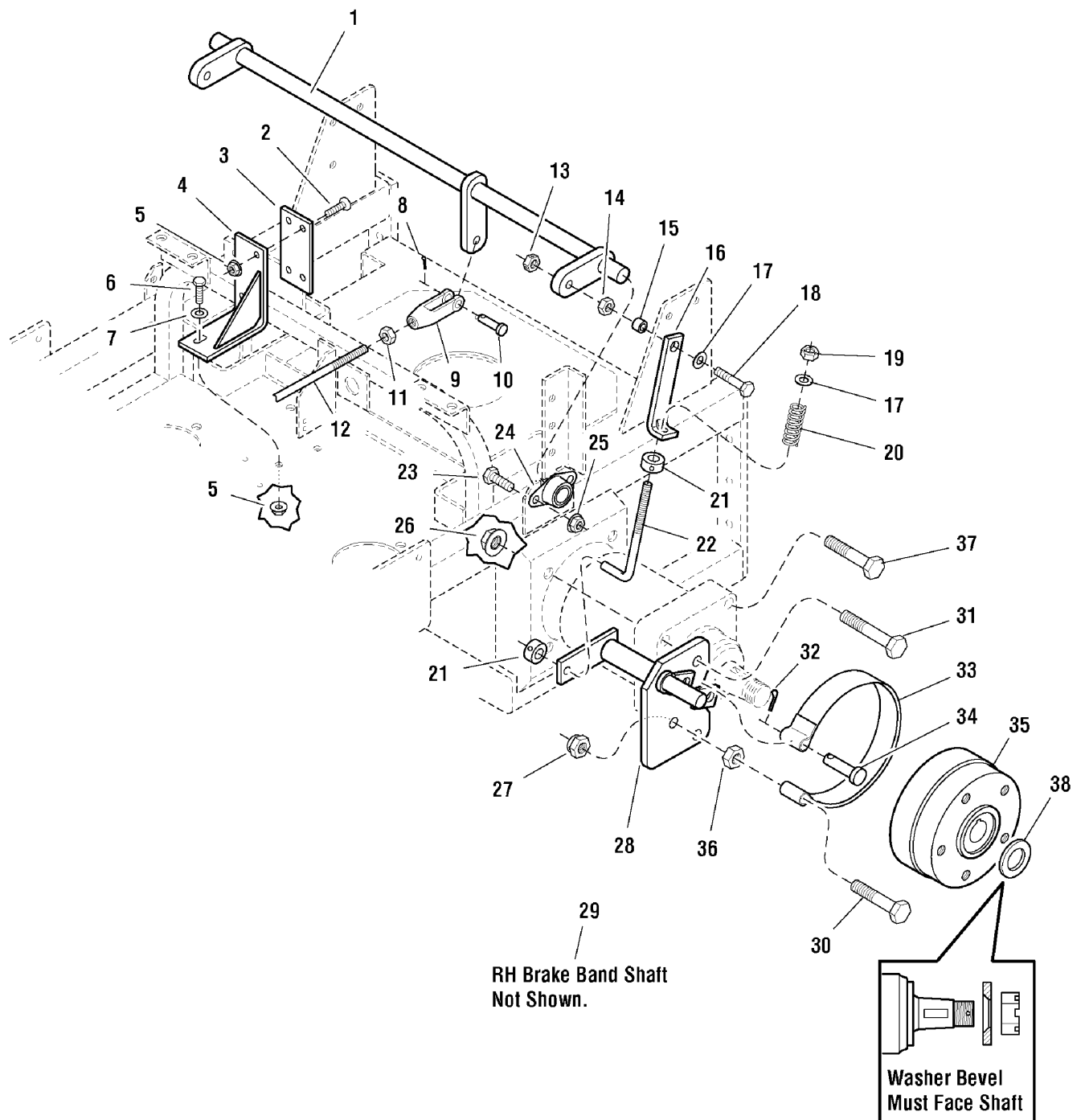
5901051 (S/N: 2531 & above) (IS1000ZKA

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Parking Brake Group - Lower - 61" Model

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Parking Brake Group - Lower - 61" Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5047128B	1	BRAKE CROSS SHAFT
2	5025303	2	SCREW, Flat Head, Socket, 5/16-18 x 1
3	5045990	1	FRICTION PLATE
4	5047153B	1	SUPPORT, Brake Shaft
5	5025127	4	NUT, 5/16-18 Hex Small Serrated Flange
6	5025011X8	2	BOLT, 5/16-18 x 1
7	5025155	2	WASHER, 5/16" SAE
8	5025201X6	1	COTTER PIN, 3/32" x 3/4"
9	5021171	1	CLEVIS, 3/8-24, Plastic
10	5025214X8	1	CLEVIS PIN, 3/8 x 1
11	5025035	1	NUT, 3/8-24 Hex
12	5047119	1	BRAKE CONNECTING ROD
13	5025100	2	NUT, 3/8-16 Hex Side Lock
14	5025034	2	NUT, 3/8-16 Hex
15	5041930	2	SPACER, .38 x .50 x .27
16	5047084B	2	BRAKE LINK
17	5025156	4	WASHER, 3/8" SAE
18	5025013X12	2	BOLT, 3/8-16 x 1-1/2
19	5025046	2	NUT, 3/8-16 Hex Top Lock
20	5022361	2	SPRING, Compression
21	5010546	4	COLLAR, 3/8" Set
22	5047091	2	ROD, Brake Adjustment
23	5025013X6	4	BOLT, 3/8-16 x 3/4
24	5021098	2	BEARING, Flange
25	5025128	4	NUT, 3/8-16 Hex Serrated Flange
26	5025387	8	NUT, 1/2-20 Hex Flange Lock
27	5025056	2	NUT, 1/2-13 Hex Nylon Lock
28	5049140B	1	BRAKE BAND SHAFT-LH
29	5049141B	1	BRAKE BAND SHAFT-RH (Not Shown)
30	5025017X24	2	BOLT, 1/2-13 x 3
31	5025018X24	4	BOLT, 1/2-20 x 3
32	25202-10	2	COTTER PIN, 3/16" x 1-1/4"
33	5022607	2	BRAKE BAND
34	25328-16	2	CLEVIS PIN, 1/2 x 2
35	5047052	2	BRAKE HUB
36	5025038	2	NUT, 1/2-13 Hex
37	5025018X20	4	BOLT, 1/2-20 x 2-1/2
38	5023249	2	WASHER, 1 x 2

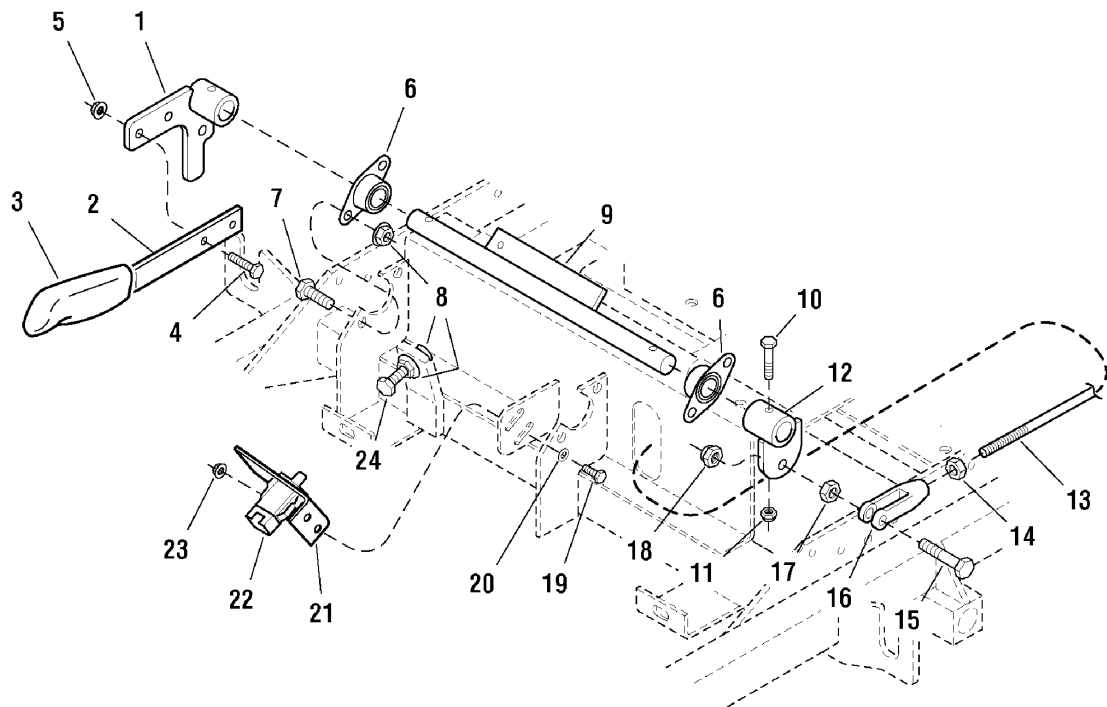
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Parking Brake Group - Upper

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)
5901051 (S/N: 2531 & above) (IS1000ZKA)
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Parking Brake Group - Upper

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5045616B	1	BRAKE HANDLE MOUNT
2	5045619B	1	BRAKE HANDLE
3	1722302	1	GRIP
4	5025011X8	2	BOLT, 5/16-18 x 1
5	5025127	2	NUT, 5/16-18 Hex Small Serrated Flange
6	5021098	2	BEARING, Flange
7	5025013X6	4	BOLT, 3/8-16 x 3/4
8	5025128	6	NUT, 3/8-16 Hex Serrated Flange
9	5047083B	1	BRAKE HANDLE SHAFT
10	5025010X14	2	BOLT, 1/4-20 x 1-3/4
11	5025095	2	NUT, 1/4-20 Hex Nylon Lock
12	5045618B	1	BRAKE LINKAGE PIVOT
13	5047119	1	BRAKE CONNECTING ROD
14	5025035	1	NUT, 3/8-24 Hex
15	5025013X16	1	BOLT, 3/8-16 x 2
16	5021171	1	CLEVIS, 3/8-24, Plastic
17	5025034	1	NUT, 3/8-16 Hex
18	5025096	1	NUT, 3/8-16 Hex Nylon Lock
19	5025010X6	2	BOLT, 1/4-20 x 3/4
20	5025154	2	WASHER, 1/4" SAE
21	5045621B	1	SWITCH MOUNT BRACKET
22	5022182	1	SWITCH, Plunger, Snap-In, NO/NC
23	5025126	2	NUT, 1/4-20 Hex Serrated Flange
24	5025058X14	1	BOLT, 3/8-16 x 1-3/4 TFL

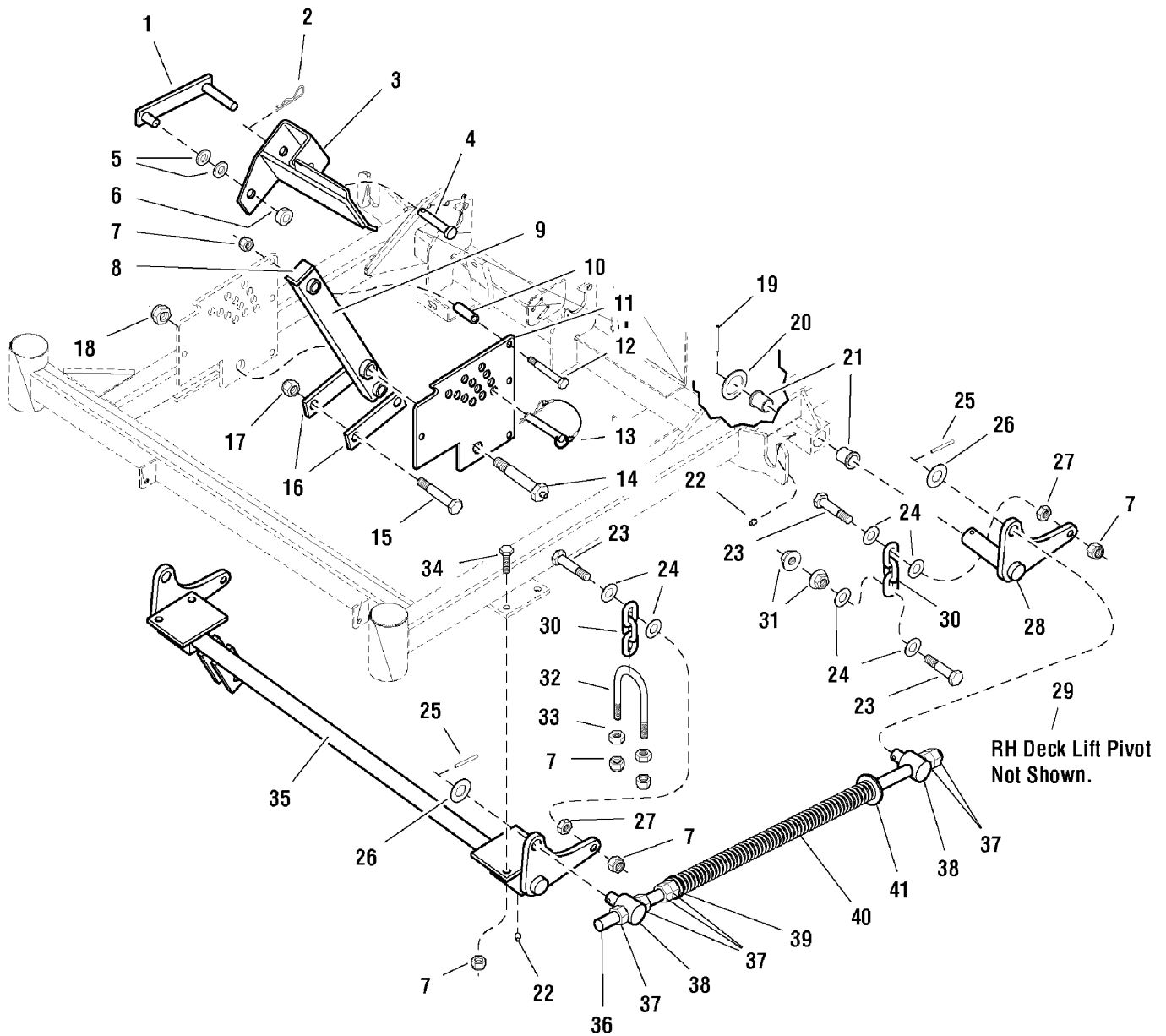
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Deck Lift Group - 48" & 52" Models

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



The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Deck Lift Group - 48" & 52" Models

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5044999B	1	DECK LIFT LOCK
2	5025210	1	HAIRPIN CLIP
3	5045058B	1	DECK LIFT PEDAL
4	5022044	1	PIN, Clevis, 1/2 x 2-1/2
5	5025158	2	WASHER, 1/2" SAE
6	5023241	1	COLLAR, Split, 1/2
7	5025096	16	NUT, 3/8-16 Hex Nylon Lock
8	5022097	1	CAP
9	5044987B	1	ARM, Deck Lift Pivot
10	5044992	4	SPACER, .38 x .50 x 1.56
11	5047043B	1	DECK HEIGHT PLATE
12	5025013X22	4	BOLT, 3/8-16 x 2-3/4
13	5023082	1	PIN, 1/2 x 3-1/2 w/ Lanyard
14	5044993	1	LIFT PIVOT BOLT
15	5025018X24	1	BOLT, 1/2-20 x 3
16	5047105B	2	LINK, Deck Lift
17	5025098	2	NUT, 1/2-20 Hex Nylon Lock
18	5025282	1	NUT, 5/8-11 Hex Jam Nylon Lock
19	5025516	2	PIN, Roll, 3/16 x 1-1/2
20	5021253	2	SHIM
21	5023343	4	BUSHING, Flange
22	5020095	4	GREASE FITTING
23	5025013X14	6	BOLT, 3/8-16 x 1-3/4
24	5025156	12	WASHER, 3/8" SAE
25	5022366	4	PIN, Spring, 3/16 x 1-1/4
26	5025281	4	WASHER, 5/8" SAE
27	5025084	2	NUT, 3/8-16 Hex Jam
28	5045449B	1	DECK LIFT PIVOT - LH
29	5045450B	1	DECK LIFT PIVOT - RH (Not Shown)
30	5050878X3	4	CHAIN, 3 LINKS
31	5025128	4	NUT, 3/8-16 Hex Serrated Flange
32	5025325	2	U-BOLT
33	5025034	4	NUT, 3/8-16 Hex
34	5025013X10	2	BOLT, 3/8-16 x 1-1/4
35	5045451B	1	DECK LIFT SHAFT & MOUNT ASSEMBLY
36	5045446	2	SPRING ROD
37	5025040	12	NUT, 5/8-11 Hex
38	5045447	4	SPRING ROD PIVOT
39	5041477	2	SPACER, .63 x 1.06 x .23
40	5022668	2	SPRING, Deck Lift
41	5025159	2	WASHER, 5/8" USS

Footnotes

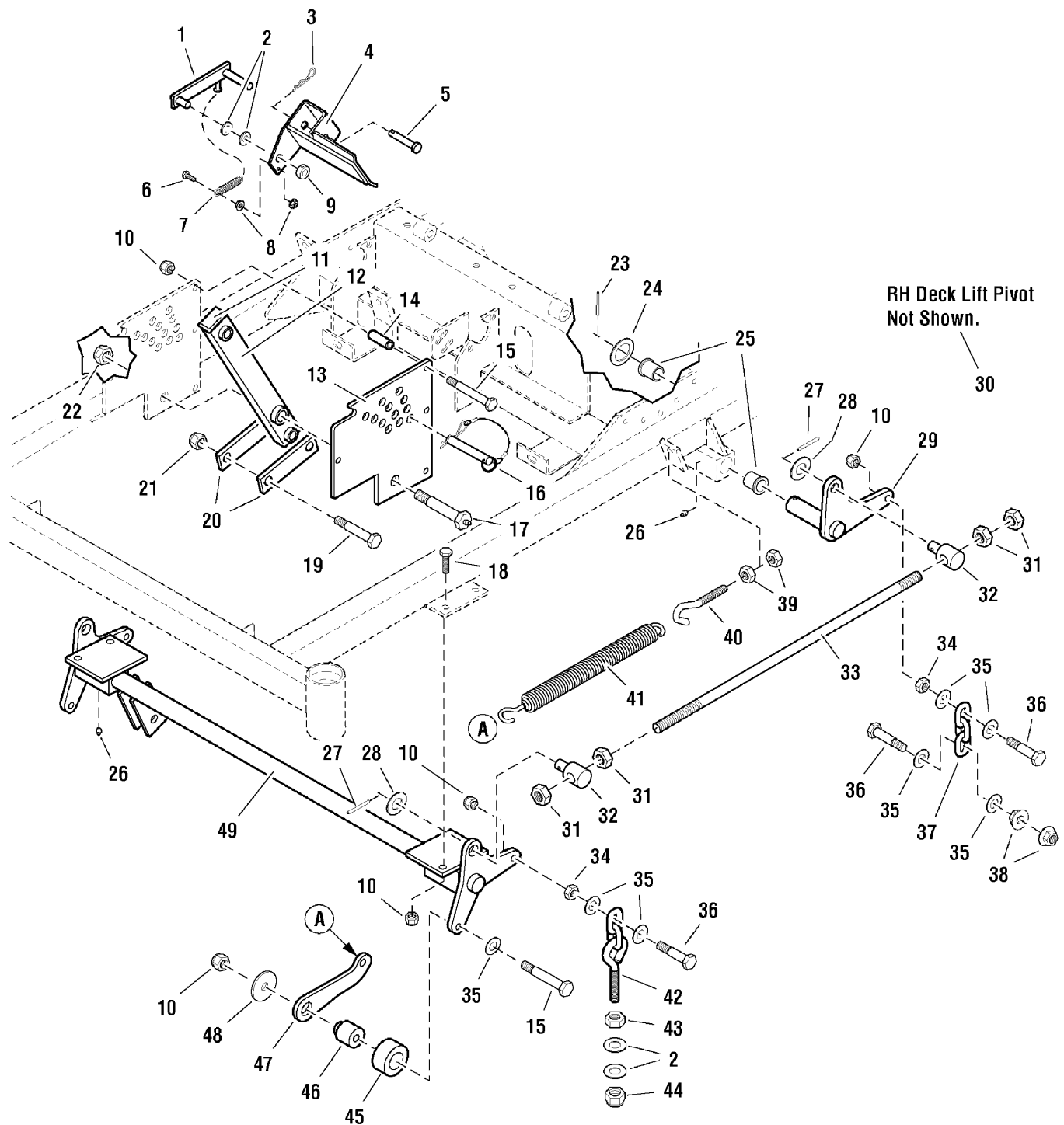
The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Deck Lift Group - 61" Model

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Deck Lift Group - 61" Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061232B	1	DECK LIFT LOCK
2	5025158	6	WASHER, 1/2" SAE
3	5025210	1	HAIRPIN CLIP
4	5045058B	1	DECK LIFT PEDAL
5	5022044	1	PIN, Clevis, 1/2 x 2-1/2
6	5025010X6	1	BOLT, 1/4-20 x 3/4
7	5020639	1	SPRING, Extension
8	5025126	2	NUT, 1/4-20 Hex Serrated Flange
9	5023241	1	COLLAR, Split, 1/2
10	5025096	10	NUT, 3/8-16 Hex Nylon Lock
11	5022097	1	CAP
12	5044987B	1	ARM, Deck Lift Pivot
13	5047043B	1	DECK HEIGHT PLATE
14	5044992	4	SPACER, .38 x .50 x 1.56
15	5025013X22	6	BOLT, 3/8-16 x 2-3/4
16	5023082	1	PIN, 1/2 x 3-1/2 w/ Lanyard
17	5044993	1	LIFT PIVOT BOLT
18	5025013X10	4	BOLT, 3/8-16 x 1-1/4
19	5025018X24	2	BOLT, 1/2-20 x 3
20	5047105B	2	LINK, Deck Lift
21	5025098	2	NUT, 1/2-20 Hex Nylon Lock
22	5025282	1	NUT, 5/8-11 Hex Jam Nylon Lock
23	5025516	2	PIN, Roll, 3/16 x 1-1/2
24	5021253	2	SHIM
25	5023343	4	BUSHING, Flange
26	5020095	4	GREASE FITTING
27	5022366	4	PIN, Spring, 3/16 x 1-1/4
28	5025281	4	WASHER, 5/8" SAE
29	5047182B	1	DECK LIFT PIVOT-LH
30	5047181B	1	DECK LIFT PIVOT-RH (Not Shown)
31	5025040	8	NUT, 5/8-11 Hex
32	5045447	4	SPRING ROD PIVOT
33	5061304	2	DECK ADJUSTMENT ROD
34	5025084	4	NUT, 3/8-16 Hex Jam
35	5025156	14	WASHER, 3/8" SAE
36	5025013X14	6	BOLT, 3/8-16 x 1-3/4
37	5050878X3	2	CHAIN, 3 LINKS
38	5025128	4	NUT, 3/8-16 Hex Serrated Flange
39	5025034	4	NUT, 3/8-16 Hex
40	5025321	2	SCREW HOOK, 3/8-16 x 4-1/4
41	5023355	2	DECK LIFT SPRING

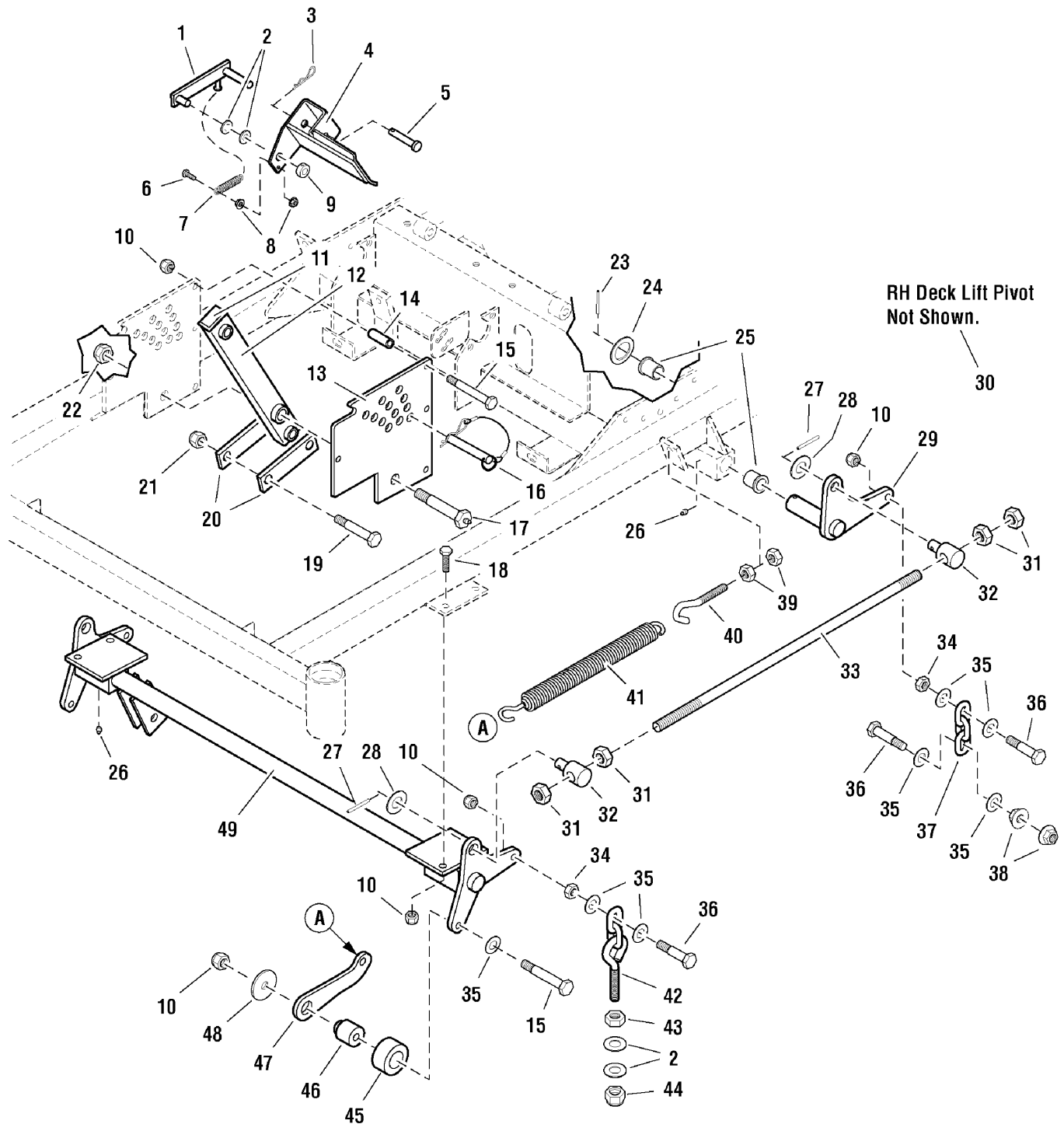
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Deck Lift Group - 61" Model

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Deck Lift Group - 61" Model

REF NO.	PART NO.	QTY.	DESCRIPTION
42	5047503	2	FRONT DECK HANGER
43	5025038	2	NUT, 1/2-13 Hex
44	5025056	2	NUT, 1/2-13 Hex Nylon Lock
45	5061371	2	DECK STOP
46	5061370	2	DECK PIVOT BUSHING
47	5061224B	2	SPRING LINK
48	5025326	2	WASHER, 3/8 x 2
49	5061375B	1	DECK LIFT SHAFT & MOUNT ASSEMBLY

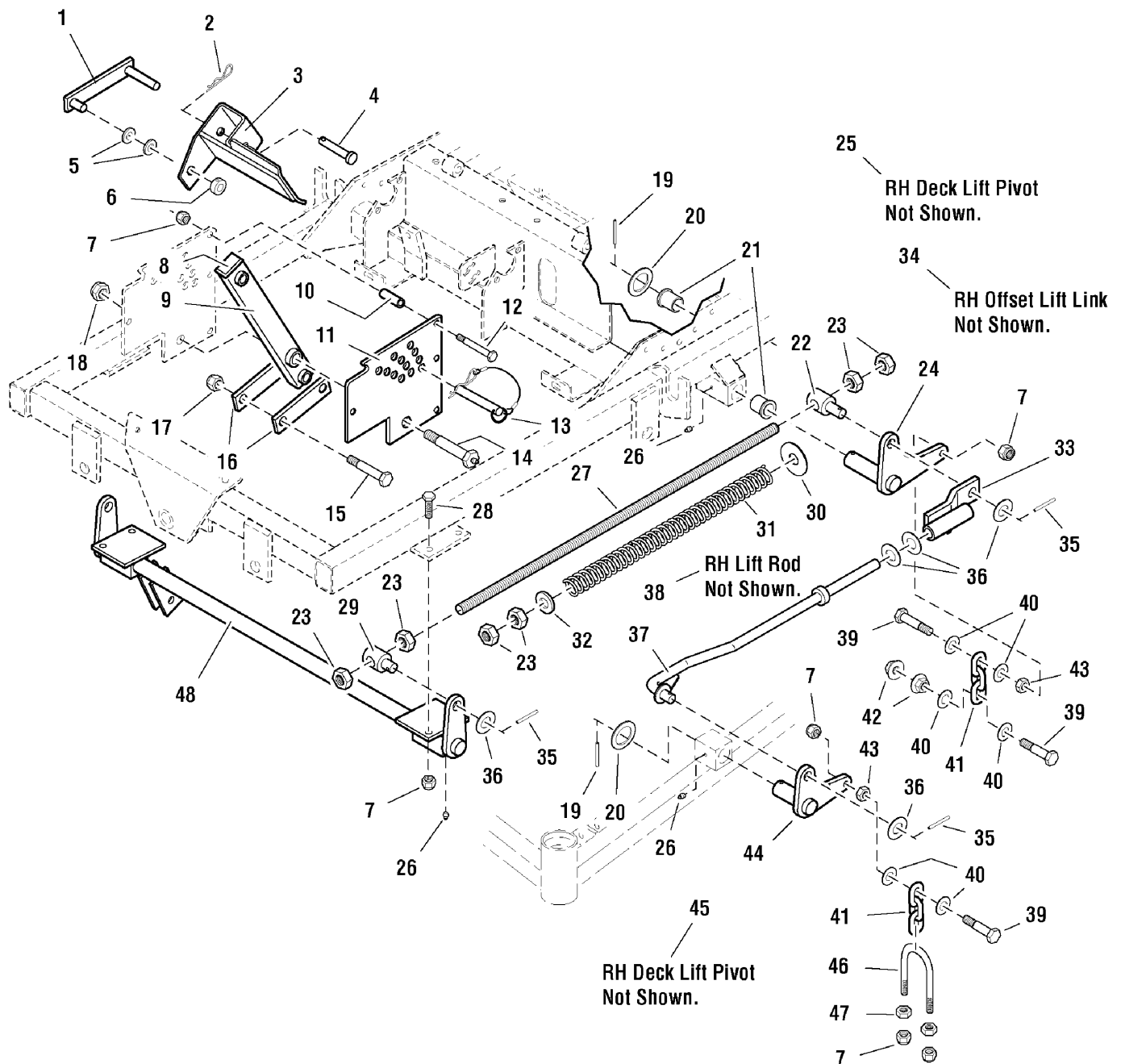
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Deck Lift Group - IS 48" & 52" Models

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

Deck Lift Group - IS 48" & 52" Models

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5044999B	1	DECK LIFT LOCK
2	5025210	1	HAIRPIN CLIP
3	5045058B	1	DECK LIFT PEDAL
4	5022044	1	PIN, Clevis, 1/2 x 2-1/2
5	5025158	2	WASHER, 1/2" SAE
6	5023241	1	COLLAR, Split, 1/2
7	5025096	16	NUT, 3/8-16 Hex Nylon Lock
8	5022097	1	CAP
9	5044987B	1	ARM, Deck Lift Pivot
10	5044992	4	SPACER, .38 x .50 x 1.56
11	5047043B	1	DECK HEIGHT PLATE
12	5025013X22	4	BOLT, 3/8-16 x 2-3/4
13	5023082	1	PIN, 1/2 x 3-1/2 w/ Lanyard
14	5044993	1	LIFT PIVOT BOLT
15	5025018X24	2	BOLT, 1/2-20 x 3
16	5047513B	2	LINK, Deck Lift
17	5025098	2	NUT, 1/2-20 Hex Nylon Lock
18	5025282	1	NUT, 5/8-11 Hex Jam Nylon Lock
19	5025516	4	PIN, Roll, 3/16 x 1-1/2
20	5021253	4	SHIM
21	5023343	4	BUSHING, Flange
22	5047446	2	SPRING ROD PIVOT
23	5025040	12	NUT, 5/8-11 Hex
24	5045449B	1	DECK LIFT PIVOT - LH
25	5045450B	1	DECK LIFT PIVOT - RH (Not Shown)
26	5020095	6	GREASE FITTING
27	5045446	2	SPRING ROD
28	5025013X10	4	BOLT, 3/8-16 x 1-1/4
29	5045447	2	SPRING ROD PIVOT
30	5025159	2	WASHER, 5/8" USS
31	5022668	2	SPRING, Deck Lift
32	5041477	2	SPACER, .63 x 1.06 x .23
33	5047198B	1	DECK LIFT OFFSET LINK-LH
34	5047197B	1	DECK LIFT OFFSET LINK-RH (Not Shown)
35	5022366	6	PIN, Spring, 3/16 x 1-1/4
36	5025281	10	WASHER, 5/8" SAE
37	5047500B	1	DECK LIFT ROD-LH
38	5047498B	1	DECK LIFT ROD-RH (Not Shown)
39	5025013X14	6	BOLT, 3/8-16 x 1-3/4
40	5025156	12	WASHER, 3/8" SAE
41	5050878X3	4	CHAIN, 3 LINKS

Footnotes

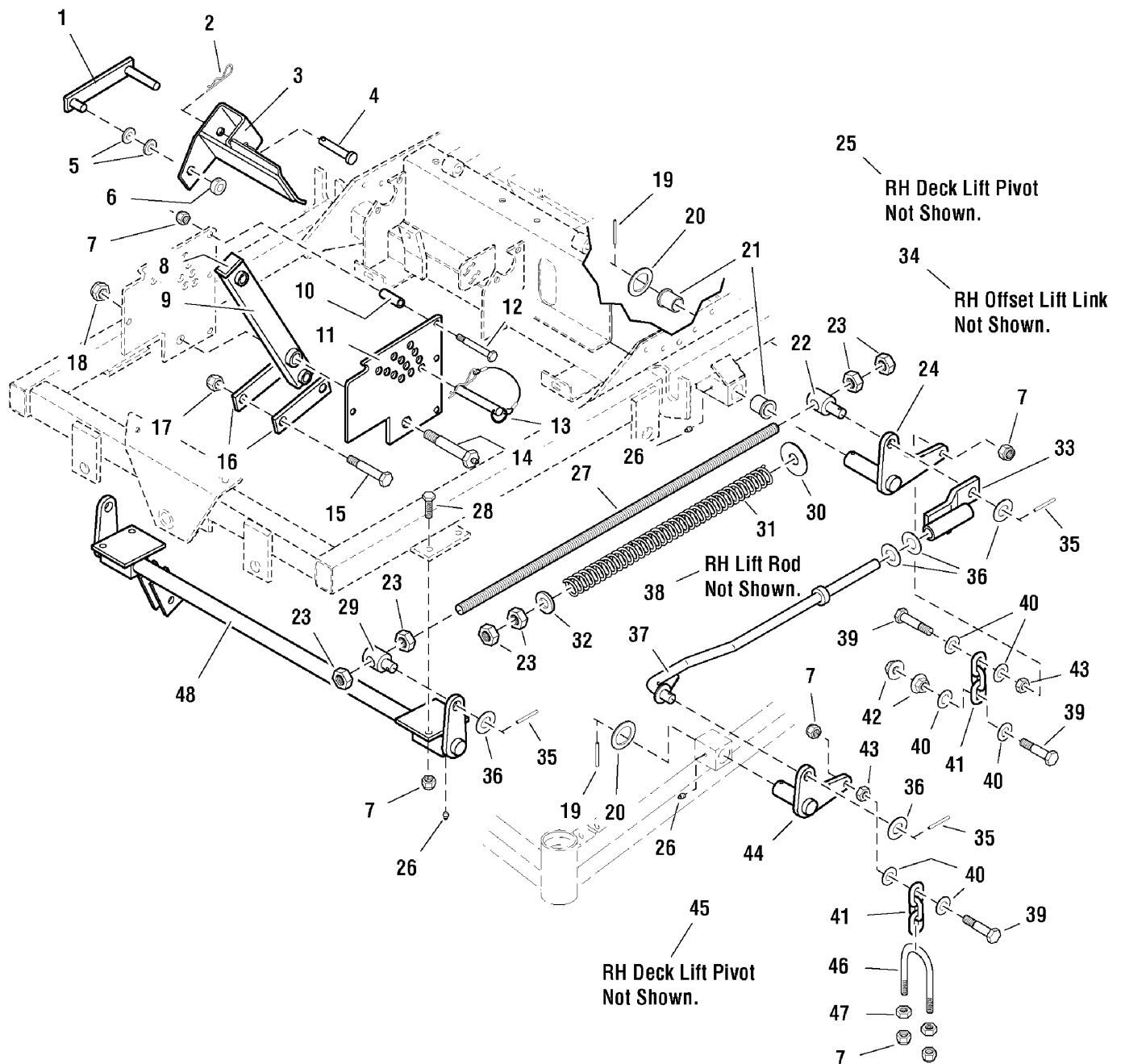
The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

Deck Lift Group - IS 48" & 52" Models

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

Deck Lift Group - IS 48" & 52" Models

REF NO.	PART NO.	QTY.	DESCRIPTION
42	5025128	4	NUT, 3/8-16 Hex Serrated Flange
43	5025084	4	NUT, 3/8-16 Hex Jam
44	5047438B	1	DECK LIFT PIVOT-LH
45	5047437B	1	DECK LIFT PIVOT-RH (Not Shown)
46	5025325	2	U-BOLT
47	5025034	4	NUT, 3/8-16 Hex
48	5047441B	1	DECK LIFT SHAFT & MOUNT ASSEMBLY

Footnotes

The above parts group applies to the following Mfg. Nos.:

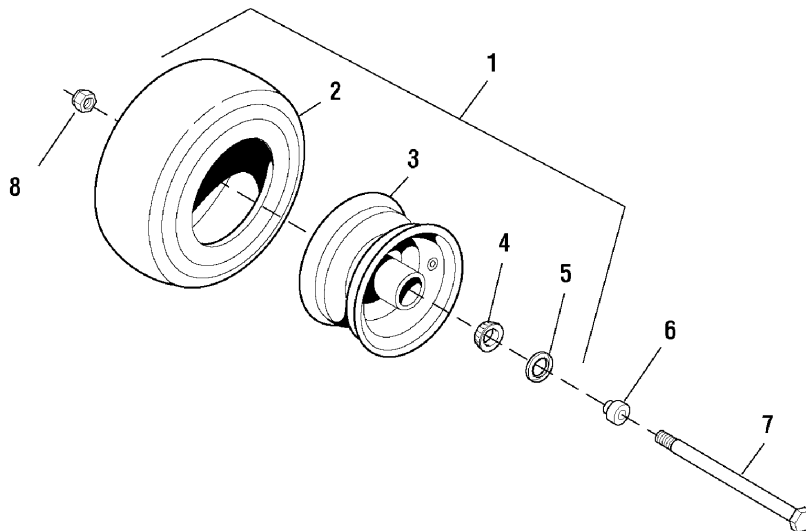
5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

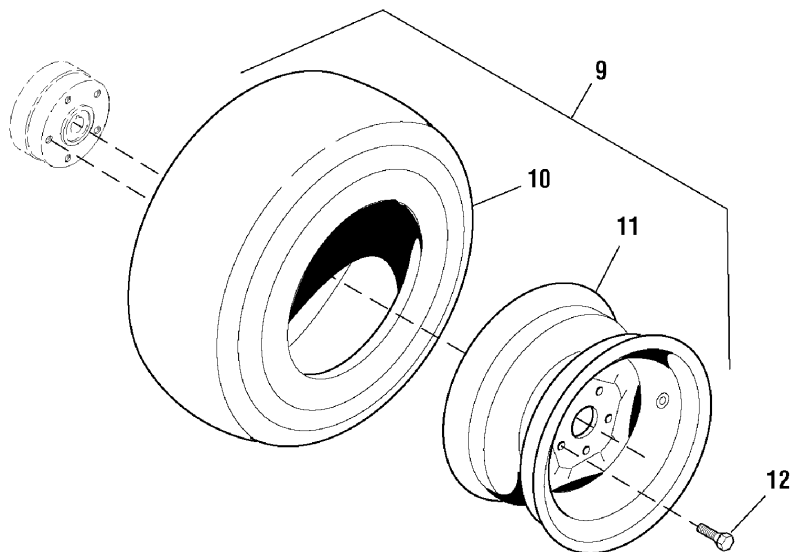
Tire & Wheel Group

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

Front Wheels & Tires



Rear Wheels & Tires



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

Tire & Wheel Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022631S	2	WHEEL & TIRE ASSEMBLY, 13 x 5.0 x 6, Complete (Includes Ref No. 2 - 5)
2	5022029X1	2	TIRE, Front, 13 x 5.0 x 6
3	5022631SX1	2	WHEEL ASSEMBLY, for 13 x 5.0 x 6 Tire, Complete (Includes Ref No. 4 & 5)
4	5022631SX2	4	BEARING, Taper Roller (2 per tire)
5	5022631SX3	4	GREASE SEAL (2 per tire)
6	5047103	4	ADAPTER, Caster Wheel (2 per tire)
7	5025017X60	2	BOLT, 1/2-13 x 7-1/2
8	5025056	2	NUT, 1/2-13 Hex Nylon Lock
9	5022646S	2	WHEEL & TIRE ASSEMBLY, 23 x 9.5 x 12, Complete (Includes Ref No. 10 & 11)
10	5022646SX1	2	TIRE, Rear, 23 x 9.5 x 12
11	5022646SX2	2	WHEEL ASSEMBLY, for 23 x 9.5 x 12 Tires
12	5022215	10	WHEEL LUG, 1/2 x 1-5/8

Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

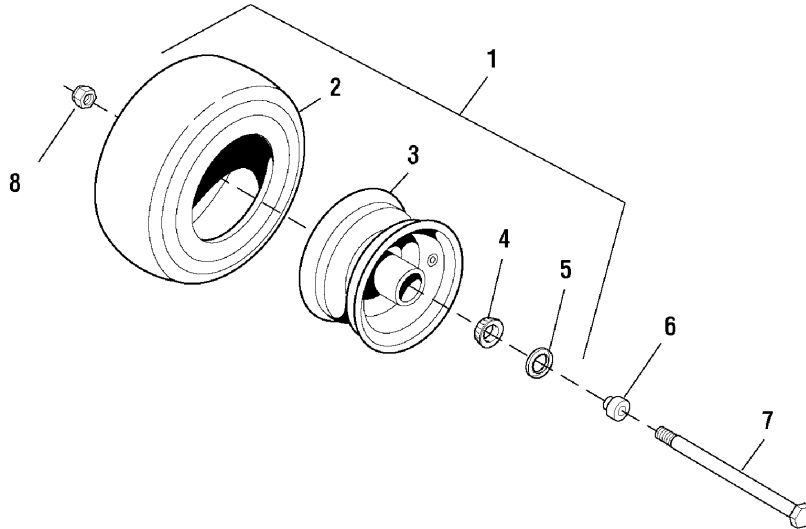
5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

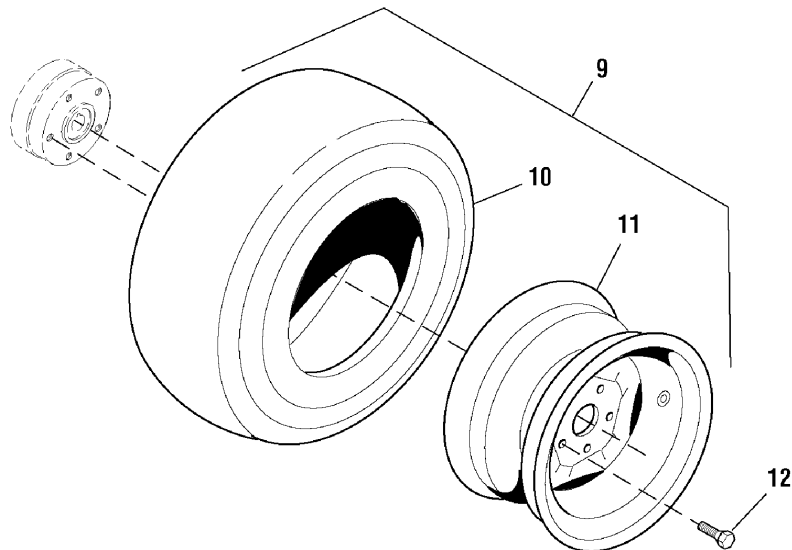
Tire & Wheel Group - 61" Model

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

Front Wheels & Tires



Rear Wheels & Tires



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Tire & Wheel Group - 61" Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5023136	2	WHEEL & TIRE ASSEMBLY, 13 x 6.5 x 6, Complete (Includes Ref No. 2 - 5)
2	5022577	2	TIRE, Front, 13 x 6.5 x 6
3	5023136X1	2	WHEEL ASSEMBLY, for 13 x 6.5 x 6 Tires, Complete (Includes Ref No. 4 & 5)
4	5022631SX2	4	BEARING, Taper Roller (2 per tire)
5	5022631SX3	4	GREASE SEAL (2 per tire)
6	5047103	4	ADAPTER, Caster Wheel (2 per tire)
7	5025017X72	2	BOLT, 1/2-13 x 9
8	5025056	2	NUT, 1/2-13 Hex Nylon Lock
9	5023245	2	WHEEL & TIRE ASSEMBLY, 23 x 10.5 x 12, Complete (Includes Ref No. 10 & 11)
10	23243-1	2	TIRE, Rear, 23 x 10.5 x 12
11	23245-1	2	WHEEL ASSEMBLY, for 23 x 10.5 x 12 Tires
12	5022215	10	WHEEL LUG, 1/2 x 1-5/8

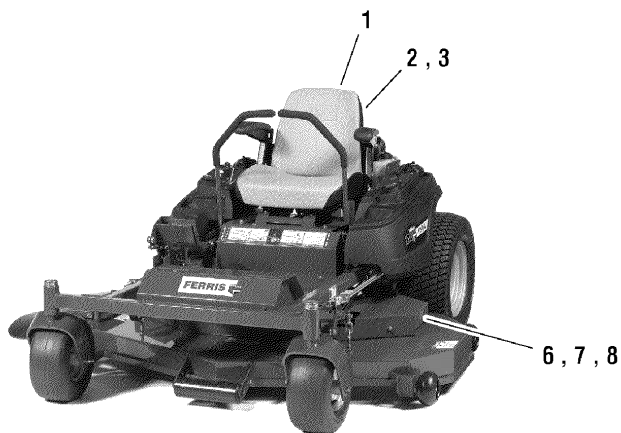
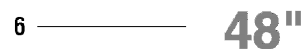
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

Decals - Brand & Model

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Decals - Brand & Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022227	1	DECAL, Ferris Logo, 6-3/8" (Located on back of seat)
2	5022229	1	DECAL, Number One In Reliability (Located on back of seat, rigid models only)
3	5022239	1	DECAL, First w/ Independent Suspension (Located on back of seat - IS models only)
4	5022556	1	DECAL, Ferris Logo, 5" (All 48" & 52" models)
5	5022560	1	DECAL, Ferris Text Logo (61" model only)
6	5022811	1	DECAL, 48"
7	5022812	1	DECAL, 52"
8	5022813	1	DECAL, 61"

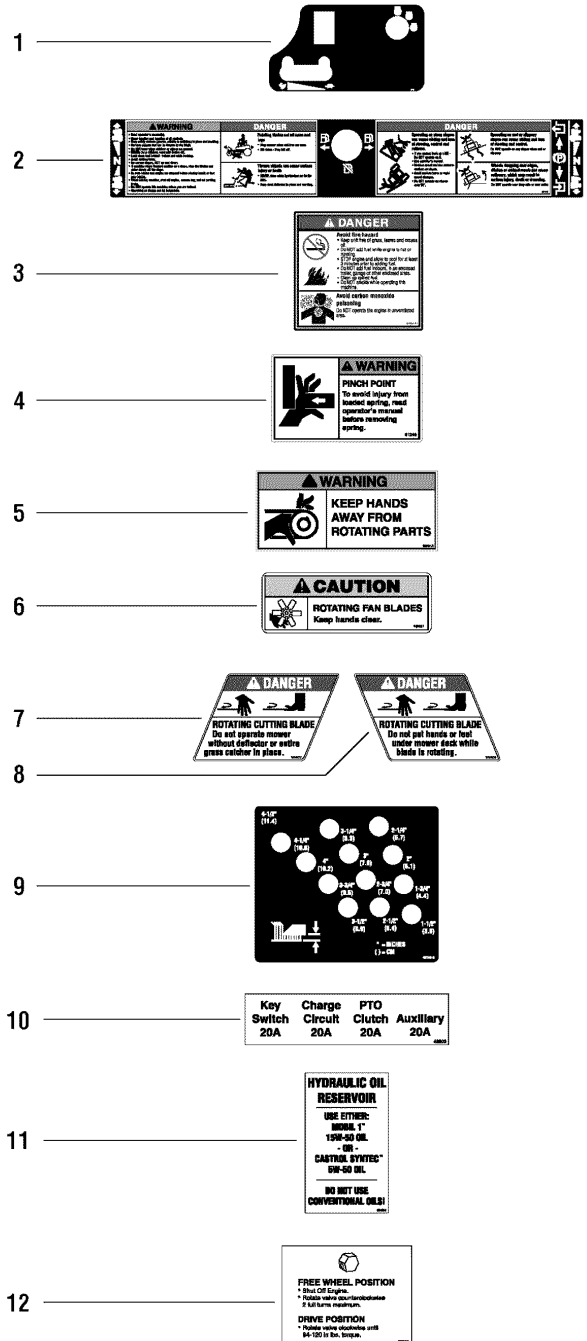
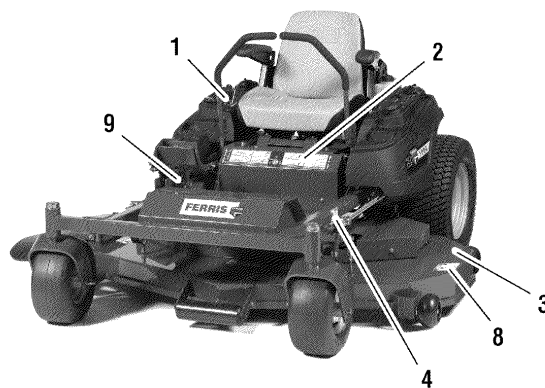
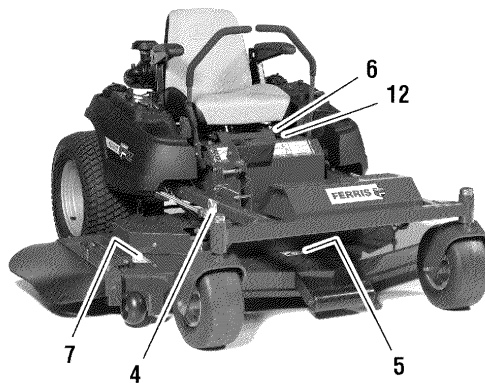
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Decals - Safety & Operation

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

Decals - Safety & Operation

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5049199	1	DECAL, Control Panel
2	5061105	1	DECAL, Main w/ Fuel
3	5049658	1	DECAL, Danger
4	5061245	2	DECAL, Pinch Point (61" model only)
5	5020337	1	DECAL, Warning
6	5046481	2	DECAL, Caution Fan
7	1704277	1	DECAL, Danger (Chute In Place)
8	1704276	1	DECAL, Danger (Hand Under Deck)
9	5047138	1	DECAL, Lift Plate
10	5046503	1	DECAL, Fuse Location
11	5048454	1	DECAL, Oil Reservoir
12	5045562	2	DECAL, Hydro Release Valve

Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

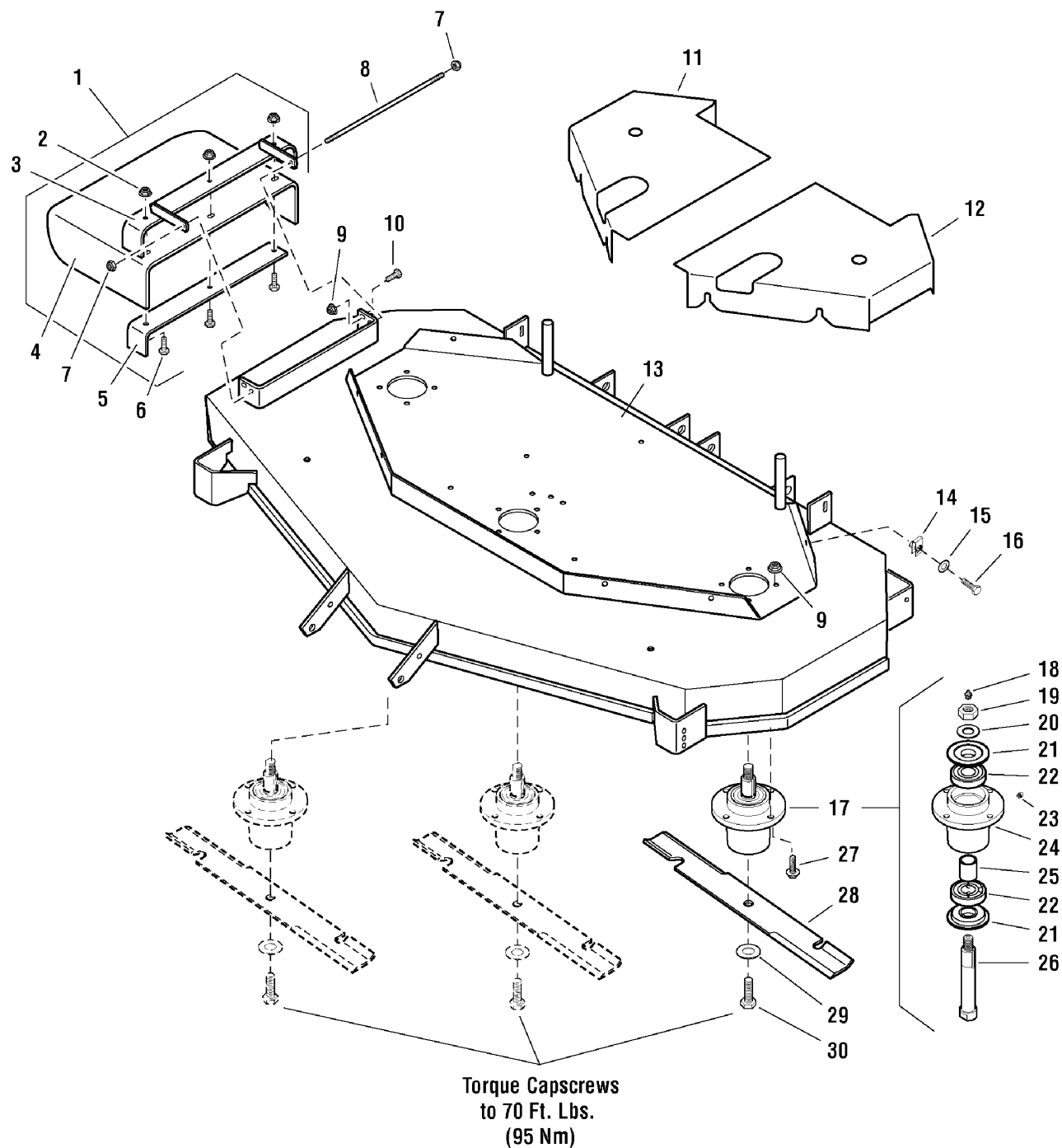
5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

5901003 (S/N: 2899 & above) (1000ZK27/

61" Mower Deck - Housing, Covers, Spindles & Blades

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

61" Mower Deck - Housing, Covers, Spindles & Blades

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061288	1	61" RUBBER CHUTE ASSEMBLY, Complete (Includes Ref No. 2 - 6)
2	5025394	3	NUT, 3/8-16 Hex Nylock Flange
3	5061293B	1	CHUTE FRAME
4	5061219	1	RUBBER CHUTE
5	5061290B	1	CHUTE SUPPORT
6	5025013X10	3	BOLT, 3/8-16 x 1-1/4
7	5025045	2	NUT, 5/16-24, Hex Nylon Lock
8	5061300	1	CHUTE MOUNT ROD
9	5025392	13	NUT, 5/16-18 Hex Nylock Flange
10	5025411	1	BOLT, Flange Head, 5/16-18 x 3/4
11	5061376B	1	SPINDLE COVER - RH
12	5061377B	1	SPINDLE COVER - LH
13	5661303	1	61" MOWER HOUSING ASSEMBLY (Includes safety decals)
14	5022308	6	BODY CLIP, 5/16-18
15	5025155	6	WASHER, 5/16" SAE
16	5025011X6	6	BOLT, 5/16-18 x 3/4
17	5061095	3	SPINDLE ASSEMBLY, Complete (Includes Ref No. 18 - 26)
18	23329	3	GREASE FITTING
19	5025405	3	NUT, 3/4-16 Hex
20	5025406	3	WASHER, 3/4" Belleville
21	5049793	6	TRASH SHIELD
22	5023330	6	BEARING
23	5023296	3	RELIEF VALVE
24	5061097	3	SPINDLE HOUSING
25	61099	3	SPACER, 1.00 x 1.25 x 1.75
26	5061098	3	SPINDLE SHAFT
27	5023156	12	BOLT, Flange Head, 5/16-18 x 1-1/4
28	5020842	3	MOWER BLADE, 21"
29	5025159	3	WASHER, 5/8" USS
30	5025320X14	3	BOLT, 5/8-11 x 1-3/4

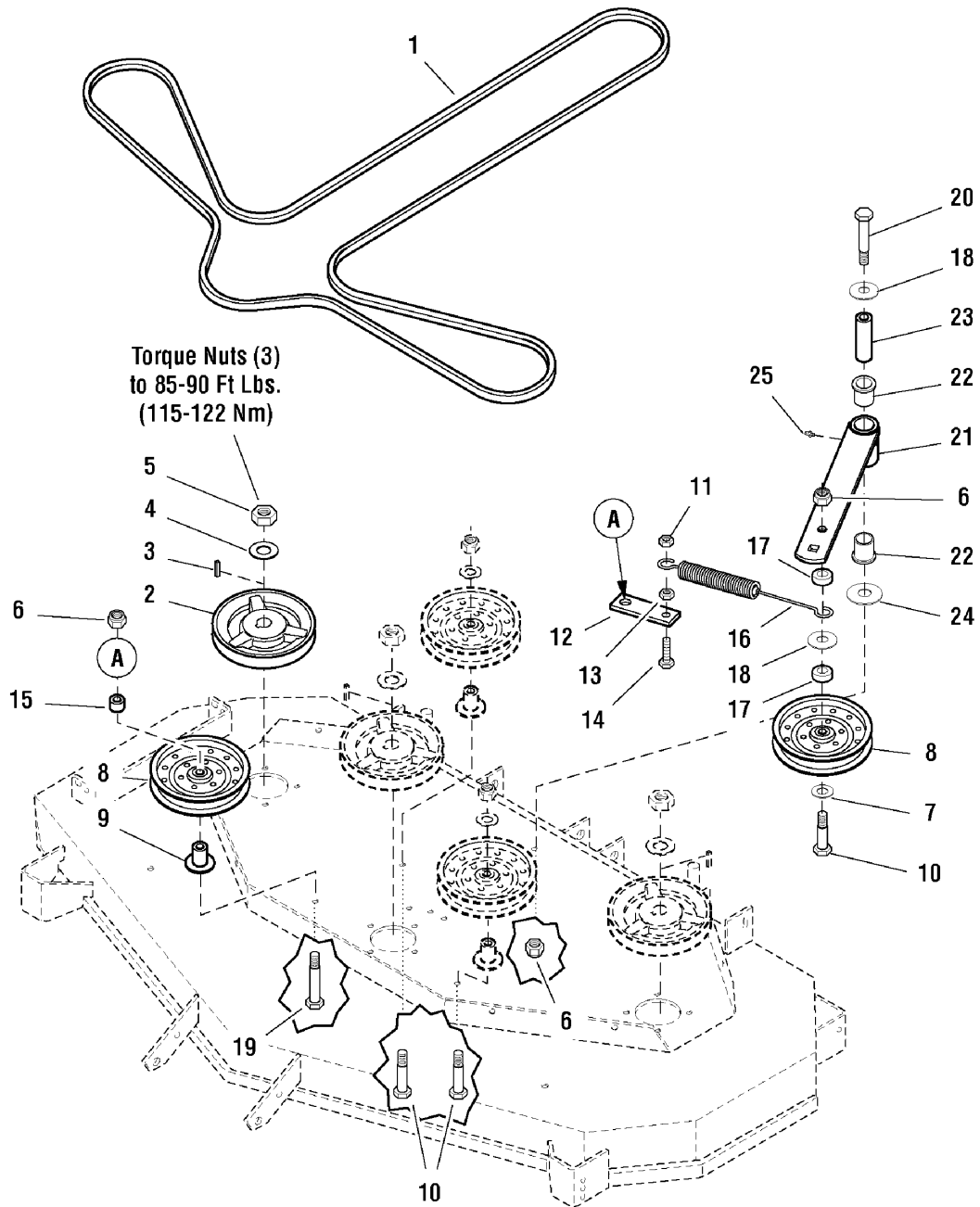
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

61" Mower Deck - Pulleys, Belt & Idler Arm

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

61" Mower Deck - Pulleys, Belt & Idler Arm

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5023386	1	BELT, 61" Deck
2	5046466	3	SPINDLE PULLEY
3	5050407X5	3	KEY, 1/4 SQ. X 1-1/4
4	5025406	3	WASHER, 3/4" Belleville (Included with Spindle Assembly #61095)
5	5025405	3	NUT, 3/4-16 Hex (Included with Spindle Assembly #61095)
6	5025056	5	NUT, 1/2-13 Hex Nylon Lock
7	5025158	4	WASHER, 1/2" SAE
8	5021976	4	PULLEY, Idler
9	5046434B	3	IDLER PULLEY MOUNT
10	5025017X24	3	BOLT, 1/2-13 x 3
11	5025046	1	NUT, 3/8-16 Hex Top Lock
12	5061378B	1	MOUNT, Idler Spring
13	5025034	1	NUT, 3/8-16 Hex
14	5025013X10	1	BOLT, 3/8-16 x 1-1/4
15	5045023	1	SPACER, .52 x 1.00 x .44
16	5023340	1	SPRING, Extension, Swivel End
17	5045023	2	SPACER, .52 x 1.00 x .44
18	5025150	2	WASHER, 1/2" USS
19	5025017X28	1	BOLT, 1/2-13 x 3-1/2
20	5025017X36	1	BOLT, 1/2-13 x 4-1/2
21	5061305B	1	IDLER ARM
22	5021541	2	BUSHING, Flange
23	5045022	1	SPACER, .52 x 1.00 x 3.50
24	5025281	1	WASHER, 5/8" SAE
25	5020095	1	GREASE FITTING

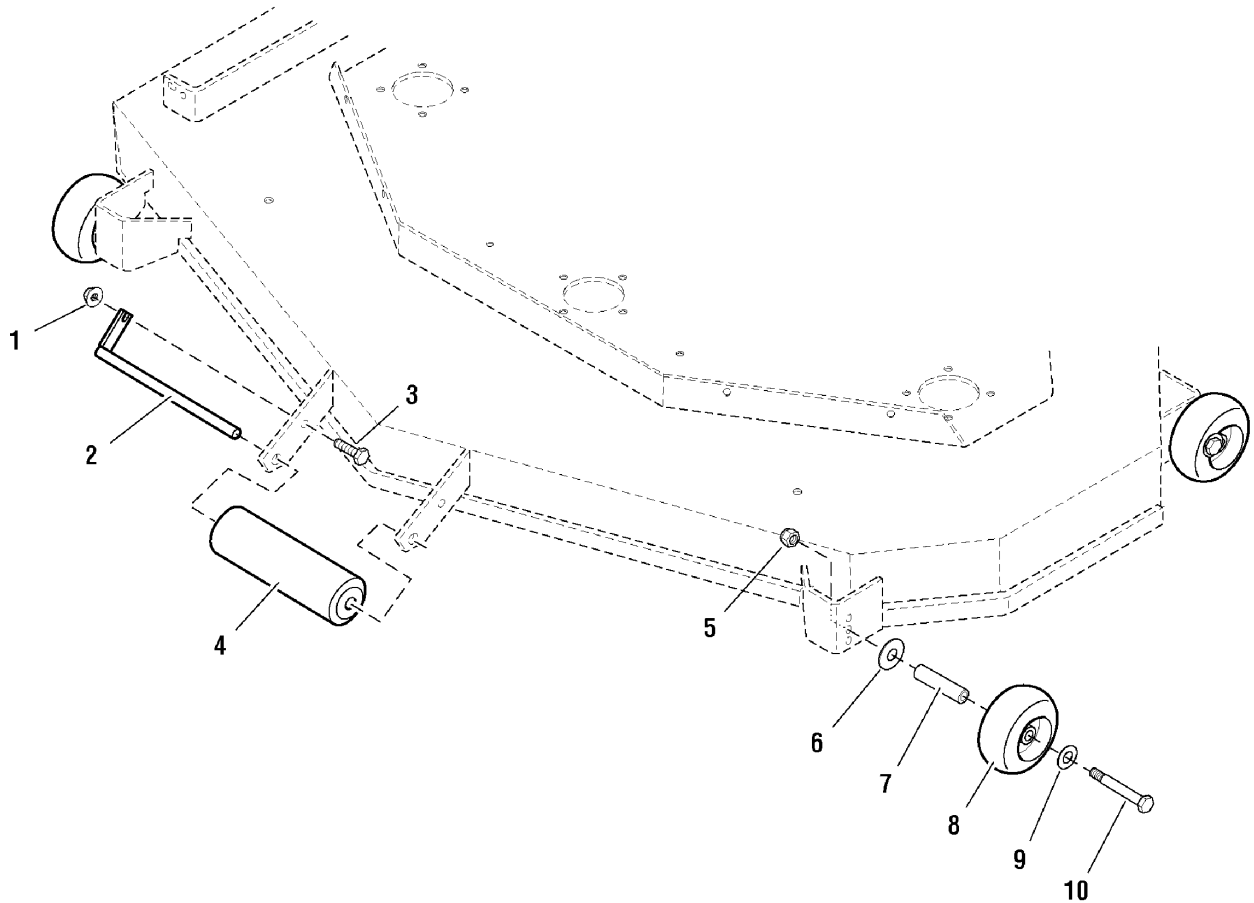
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

61" Mower Deck - Rollers

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



The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

61" Mower Deck - Rollers

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5025128	1	NUT, 3/8-16 Hex Serrated Flange
2	5041655B	1	PIN, Roller Mount
3	5025013X8	1	BOLT, 3/8-16 x 1
4	5020785	1	ROLLER
5	5025096	4	NUT, 3/8-16 Hex Nylon Lock
6	5025305	4	WASHER, 3/8 x 1-3/4
7	5045992	4	SPACER, .39 x .63 x 2.56
8	1716353	4	GAUGE WHEEL
9	5025156	4	WASHER, 3/8" SAE
10	5025013X28	4	BOLT, 3/8-16 x 3-1/2

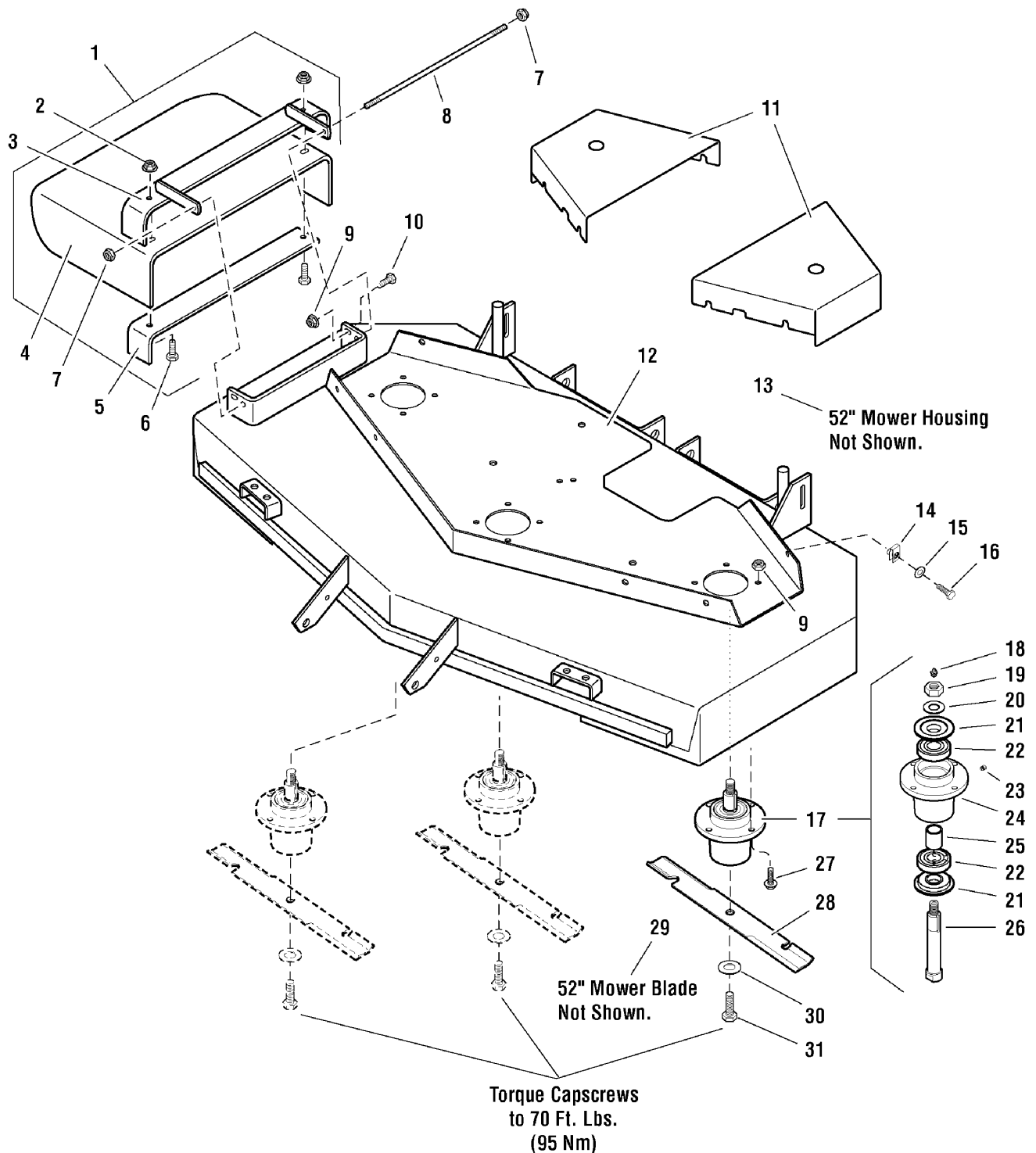
Footnotes

The above parts group applies to the following Mfg. Nos.:

5901003 (S/N: 2899 & above) (1000ZK27/

48" & 52" Mower Decks - Housings, Covers, Spindles & Blades

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



The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

48" & 52" Mower Decks - Housings, Covers, Spindles & Blades

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061341	1	RUBBER CHUTE ASSEMBLY, Complete (Includes Ref No. 2 - 6)
2	5025394	2	NUT, 3/8-16 Hex Nylock Flange
3	5061343B	1	CHUTE FRAME
4	5061344	1	RUBBER CHUTE
5	5061345B	1	CHUTE SUPPORT
6	5025013X10	2	BOLT, 3/8-16 x 1-1/4
7	5025045	2	NUT, 5/16-24, Hex Nylon Lock
8	5042555	1	ROD, Linkage
9	5025392	13	NUT, 5/16-18 Hex Nylock Flange
10	5025411	1	BOLT, Flange Head, 5/16-18 x 3/4
11	5047129B	2	MOWER HOUSING GUARD
12	5661469	1	48" MOWER HOUSING ASSEMBLY (Includes safety decals)
13	5661359	1	52" MOWER HOUSING ASSEMBLY (Includes safety decals, Not Shown)
14	5022308	6	BODY CLIP, 5/16-18
15	5025155	6	WASHER, 5/16" SAE
16	5025011X6	6	BOLT, 5/16-18 x 3/4
17	5061095	3	SPINDLE ASSEMBLY, Complete (Includes Ref No. 18 - 26)
18	23329	3	GREASE FITTING
19	5025405	3	NUT, 3/4-16 Hex
20	5025406	3	WASHER, 3/4" Belleville
21	5049793	6	TRASH SHIELD
22	5023330	6	BEARING
23	5023296	3	RELIEF VALVE
24	5061097	3	SPINDLE HOUSING
25	61099	3	SPACER, 1.00 x 1.25 x 1.75
26	5061098	3	SPINDLE SHAFT
27	5023156	12	BOLT, Flange Head, 5/16-18 x 1-1/4
28	5020843	3	MOWER BLADE, 16-1/4"
29	5021227	3	MOWER BLADE, 18" (52" mower)
30	5025159	3	WASHER, 5/8" USS
31	5025320X14	3	BOLT, 5/8-11 x 1-3/4

Footnotes

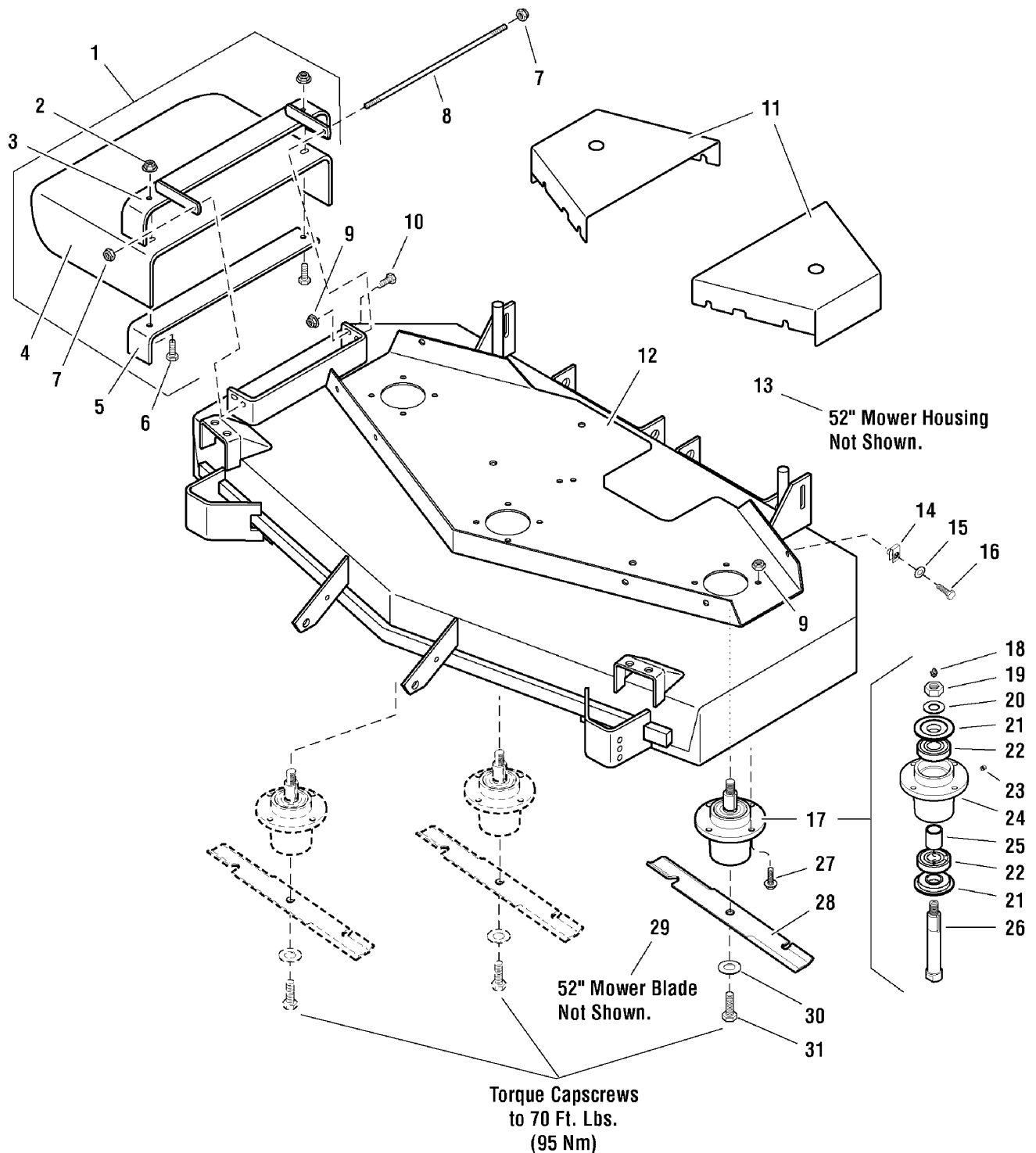
The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

48" & 52" Mower Decks - Housings, Covers, Spindles & Blades - IS Models

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

48" & 52" Mower Decks - Housings, Covers, Spindles & Blades - IS Models

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061341	1	RUBBER CHUTE ASSEMBLY, Complete (Includes Ref No. 2 - 6)
2	5025394	2	NUT, 3/8-16 Hex Nylock Flange
3	5061343B	1	CHUTE FRAME
4	5100524	1	CHUTE, DISCHARGE RUBBER, 44/48/52
5	5061345B	1	CHUTE SUPPORT
6	5025013X10	2	BOLT, 3/8-16 x 1-1/4
7	5025045	2	NUT, 5/16-24, Hex Nylon Lock
8	5042555	1	ROD, Linkage
9	5025392	13	NUT, 5/16-18 Hex Nylock Flange
10	5025411	1	BOLT, Flange Head, 5/16-18 x 3/4
11	5047129B	2	MOWER HOUSING GUARD
12	5661432	1	48" MOWER HOUSING ASSEMBLY (Includes safety decals)
13	5661334	1	52" MOWER HOUSING ASSEMBLY (Includes safety decals, Not Shown)
14	5022308	6	BODY CLIP, 5/16-18
15	5025155	6	WASHER, 5/16" SAE
16	5025011X6	6	BOLT, 5/16-18 x 3/4
17	5061095	3	SPINDLE ASSEMBLY, Complete (Includes Ref No. 18 - 26)
18	23329	3	GREASE FITTING
19	5025405	3	NUT, 3/4-16 Hex
20	5025406	3	WASHER, 3/4" Belleville
21	5049793	6	TRASH SHIELD
22	5023330	6	BEARING
23	5023296	3	RELIEF VALVE
24	5061097	3	SPINDLE HOUSING
25	61099	3	SPACER, 1.00 x 1.25 x 1.75
26	5061098	3	SPINDLE SHAFT
27	5023156	12	BOLT, Flange Head, 5/16-18 x 1-1/4
28	5020843	3	MOWER BLADE, 16-1/4"
29	5021227	3	MOWER BLADE, 18"
30	5025159	3	WASHER, 5/8" USS
31	5025320X14	3	BOLT, 5/8-11 x 1-3/4

Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

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



5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/

48" & 52" Mower Decks - Pulleys, Belts & Idler Arm

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022667	1	BELT (48" Deck)
2	5022148	1	BELT, 52" Deck (Not Shown)
3	5023175	3	PULLEY, Spindle, Black (48" deck)
4	5023178	3	PULLEY, Spindle, Black (52" Deck, Not Shown)
5	5050407X5	3	KEY, 1/4 SQ. X 1-1/4
6	5025406	3	WASHER, 3/4" Belleville (Included with Spindle Assembly #61095)
7	5025405	3	NUT, 3/4-16 Hex (Included with Spindle Assembly #61095)
8	5025056	4	NUT, 1/2-13 Hex Nylon Lock
9	5025158	3	WASHER, 1/2" SAE
10	5021976	3	PULLEY, Idler
11	5047142	2	SPACER, .52 x 1.25 x .70
12	5025017X24	2	BOLT, 1/2-13 x 3
13	5025017X36	1	BOLT, 1/2-13 x 4-1/2
14	5025150	2	WASHER, 1/2" USS
15	5045022	1	SPACER, .52 x 1.00 x 3.50
16	5021541	2	BUSHING, Flange
17	5045106B	1	IDLER ARM
18	5020095	1	GREASE FITTING
19	5045023	3	SPACER, .52 x 1.00 x .44
20	5021811	1	EYEBOLT, 3/8" x 8"
21	5025017X28	1	BOLT, 1/2-13 x 3-1/2
22	5045200B	1	SPRING ANCHOR
23	5025013X8	1	BOLT, 3/8-16 x 1
24	5022788	1	SPRING, Compression
25	5025156	1	WASHER, 3/8" SAE
26	5025096	1	NUT, 3/8-16 Hex Nylon Lock
27	5025128	1	NUT, 3/8-16 Hex Serrated Flange

Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

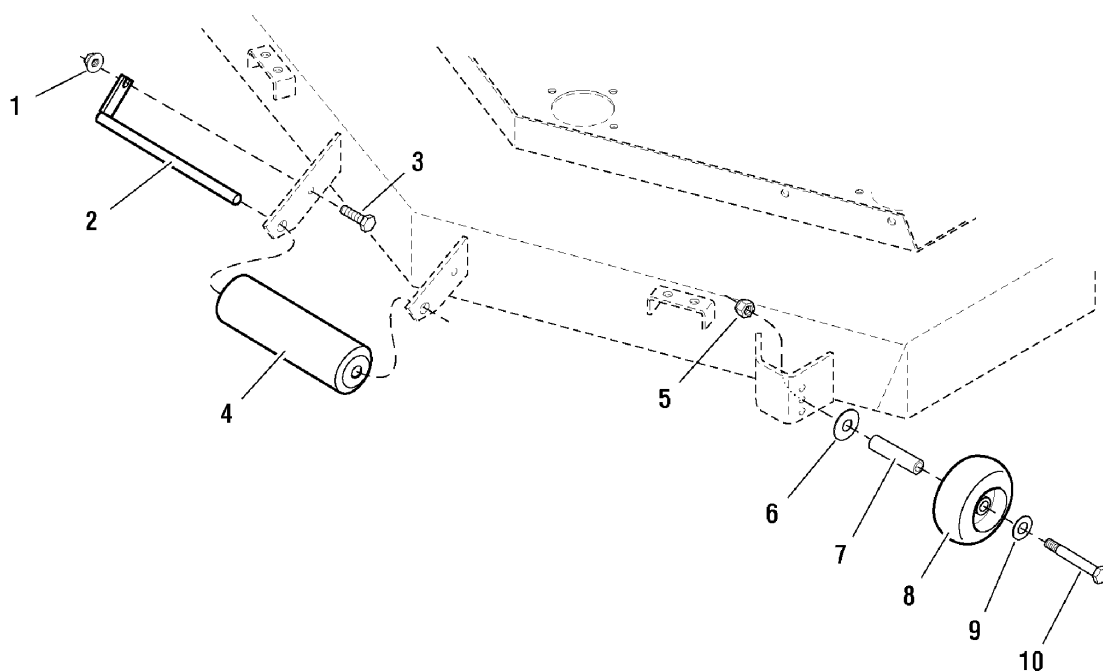
5901051 (S/N: 2531 & above) (IS1000ZKA

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

48" & 52" Mower Decks - Rollers

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



The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

48" & 52" Mower Decks - Rollers

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5025128	1	NUT, 3/8-16 Hex Serrated Flange
2	5041655B	1	PIN, Roller Mount
3	5025013X8	1	BOLT, 3/8-16 x 1
4	5020785	1	ROLLER
5	5025096	1	NUT, 3/8-16 Hex Nylon Lock
6	5025305	1 *	WASHER, 3/8 x 1-3/4
7	5045992	1	SPACER, .39 x .63 x 2.56
8	1716353	1 *	GAUGE WHEEL
9	5025156	1	WASHER, 3/8" SAE
10	5025013X28	1 *	BOLT, 3/8-16 x 3-1/2

Footnotes

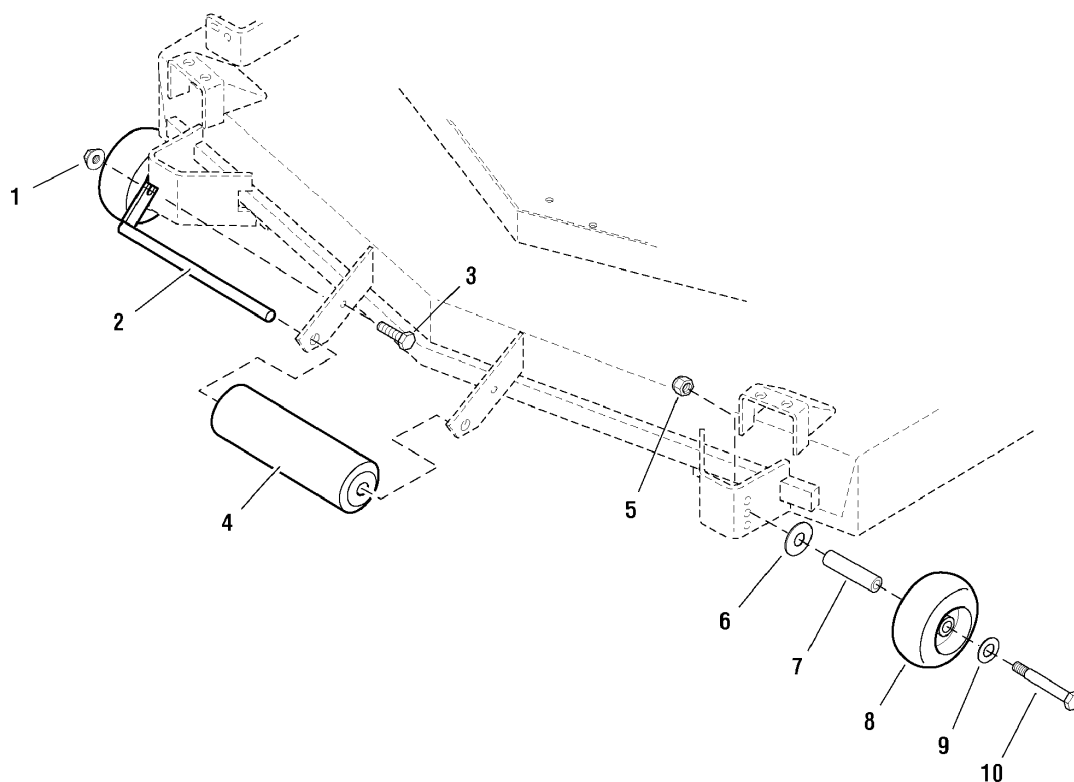
The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

48" & 52" Mower Decks - Rollers - IS Models

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

48" & 52" Mower Decks - Rollers - IS Models

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5025128	1	NUT, 3/8-16 Hex Serrated Flange
2	5041655B	1	PIN, Roller Mount
3	5025013X8	1	BOLT, 3/8-16 x 1
4	5020785	1	ROLLER
5	5025096	2	NUT, 3/8-16 Hex Nylon Lock
6	5025305	2	WASHER, 3/8 x 1-3/4
7	5045992	2	SPACER, .39 x .63 x 2.56
8	1716353	2	GAUGE WHEEL
9	5025165	2	WASHER, 3/8" Fender
10	5025013X28	2	BOLT, 3/8-16 x 3-1/2

Footnotes

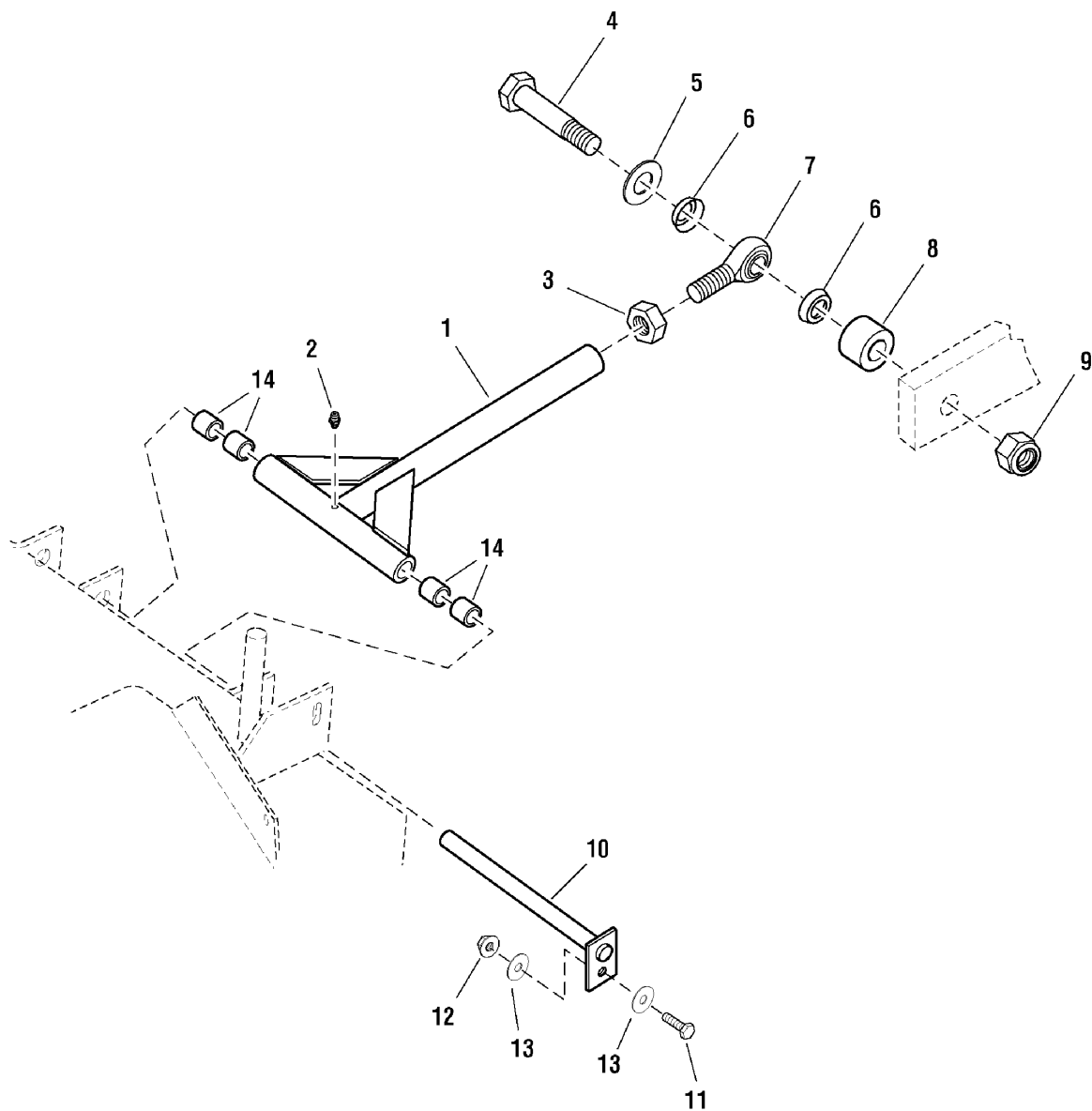
The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

48", 52" & 61" Mower Decks - Rear Mount Bars

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



The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

48", 52" & 61" Mower Decks - Rear Mount Bars

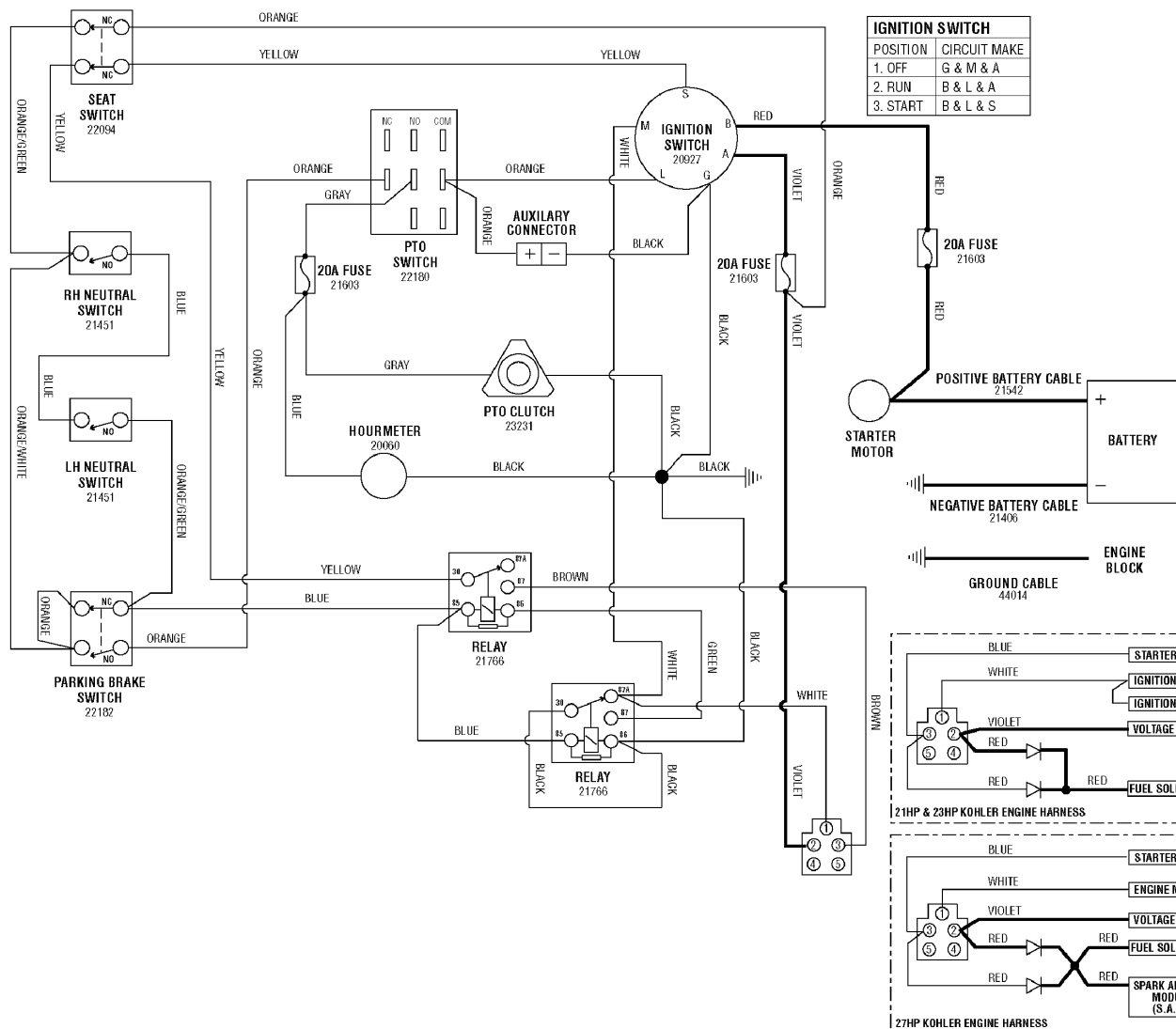
REF NO.	PART NO.	QTY.	DESCRIPTION
1	5045009	2	DECK PUSHER BAR, Complete (Includes Ref No. 14)
2	5020095	2	GREASE FITTING
3	5025093	2	NUT, 3/4-16 Hex Jam
4	5025265X32	2	BOLT, 3/4-16 x 4
5	5025160	2	WASHER, 3/4" SAE
6	5022111	4	ROD END SEAL
7	5022039	2	BALL JOINT, 3/4-16 Male
8	5046093	2	SPACER, .75 x 1.50 x 1.00
9	5025284	2	NUT, 3/4-16 Hex Nylon Lock
10	5045037B	2	PUSHER BAR MOUNT PIN
11	5025013X10	2	BOLT, 3/8-16 x 1-1/4
12	5025096	2	NUT, 3/8-16 Hex Nylon Lock
13	5025156	4	WASHER, 3/8" SAE
14	5023344	8	BUSHING (Qty. (4) per pusher bar)

Footnotes

The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA
5901051 (S/N: 2531 & above) (IS1000ZKA
5901000 (S/N: 2899 & above) (1000ZK21/
5901002 (S/N: 2899 & above) (1000ZK23/
5901003 (S/N: 2899 & above) (1000ZK27/

1000Z KOHLER WIRE HARNESS 49063



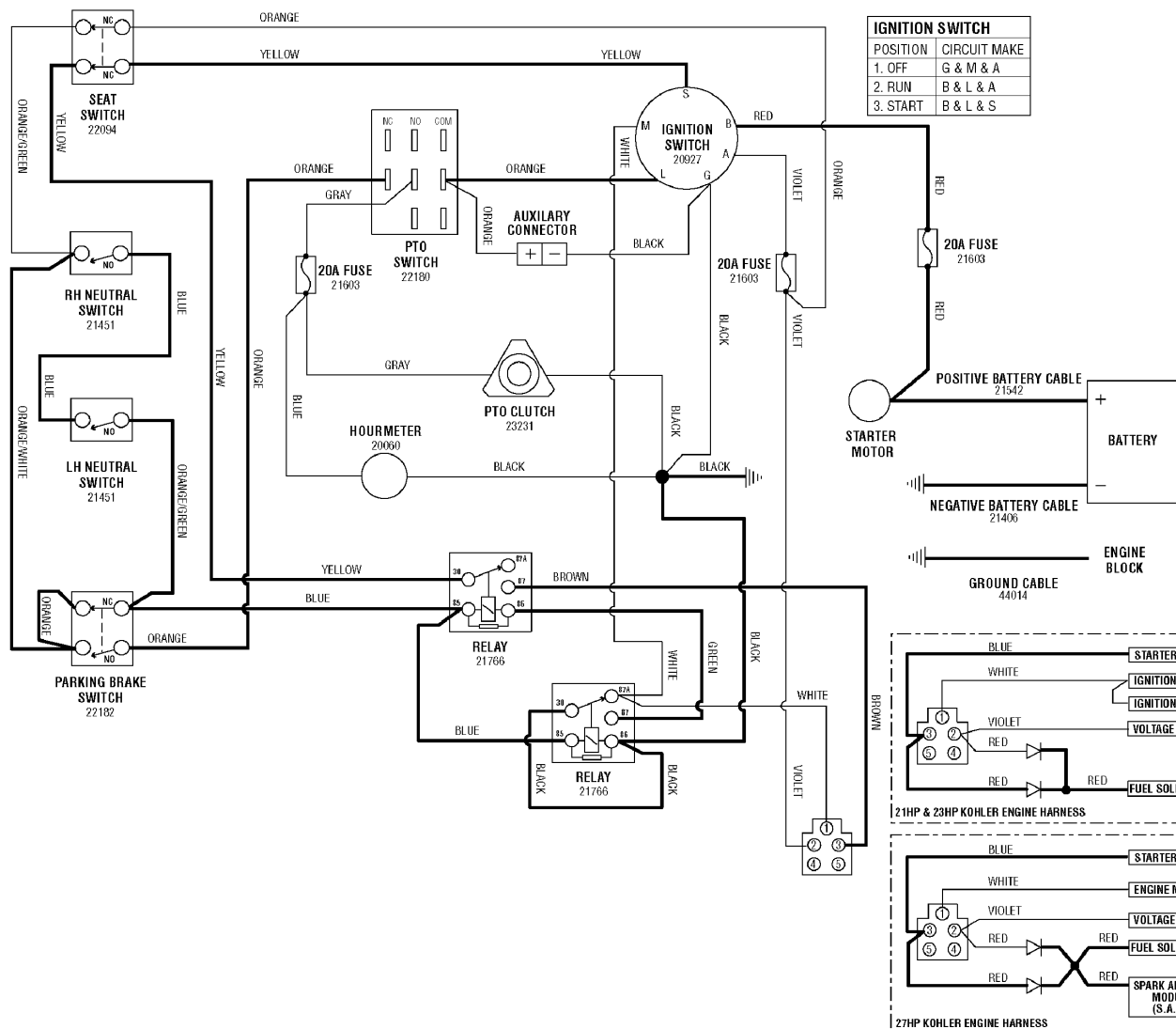
The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

5901003 (S/N: 2899 & above) (1000ZK27/

1000Z KOHLER WIRE HARNESS 49063



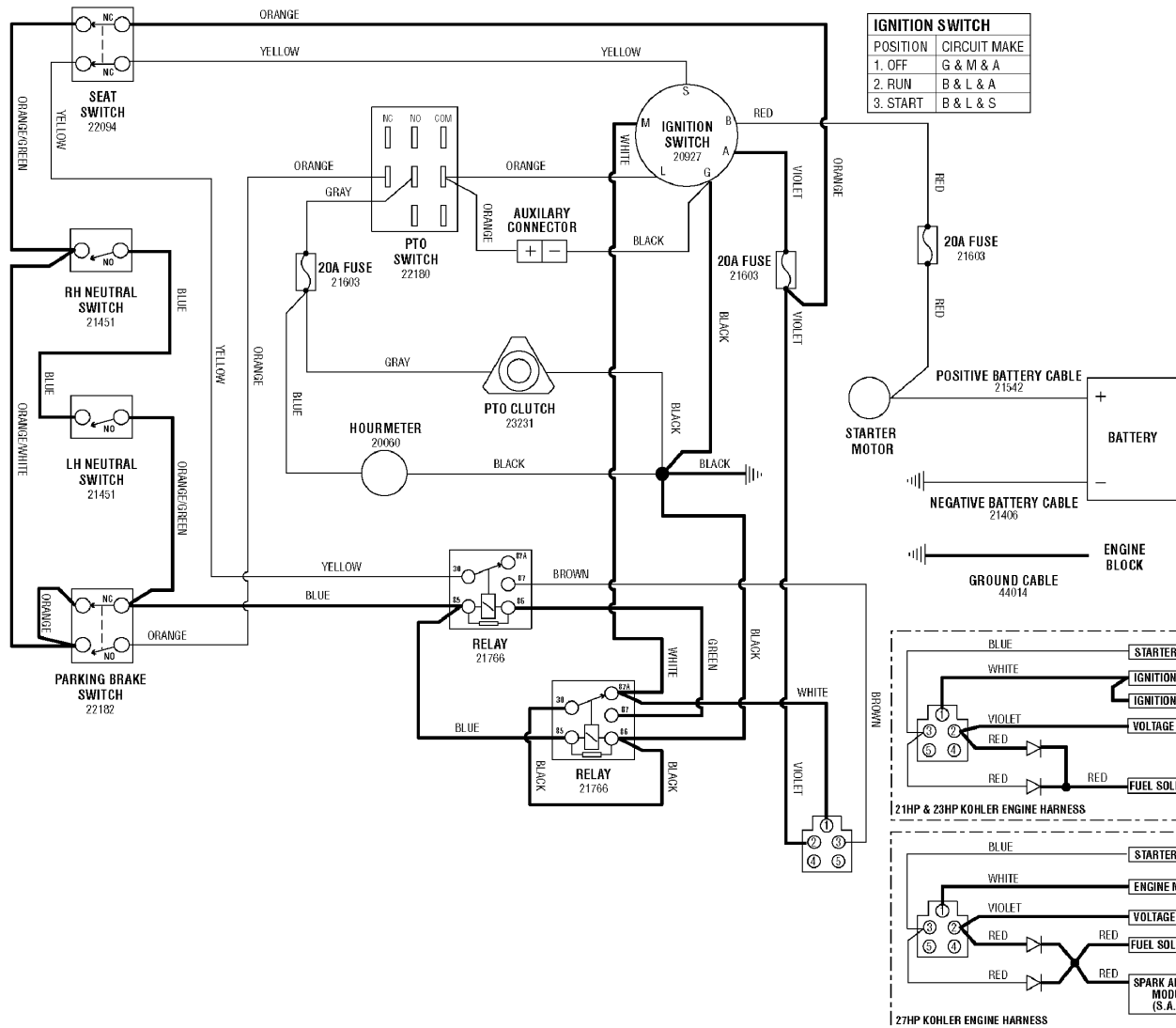
The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

5901003 (S/N: 2899 & above) (1000ZK27/

1000Z KOHLER WIRE HARNESS 49063



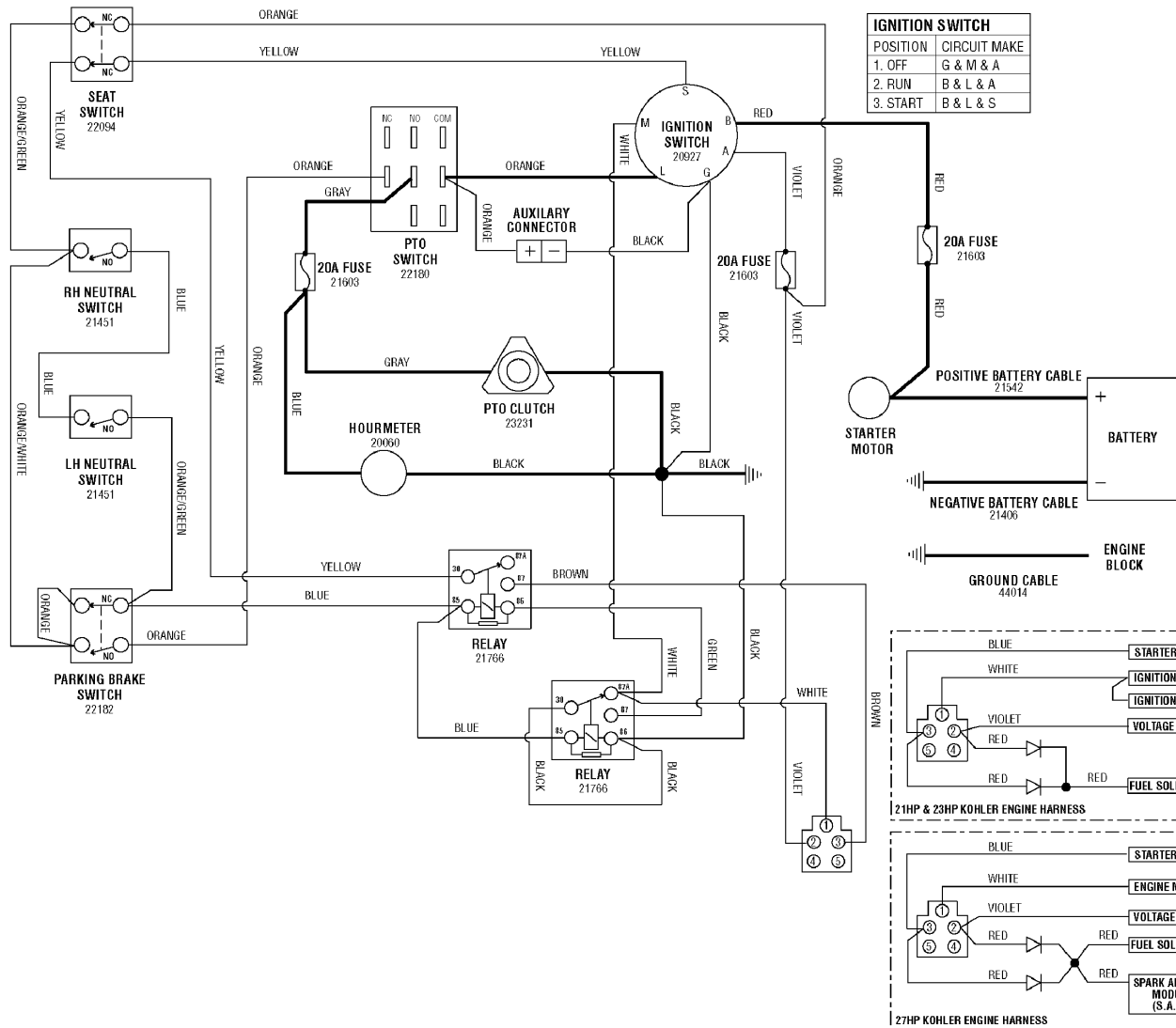
The above parts group applies to the following Mfg. Nos.:

5901000 (S/N: 2899 & above) (1000ZK21/

5901002 (S/N: 2899 & above) (1000ZK23/

5901003 (S/N: 2899 & above) (1000ZK27/

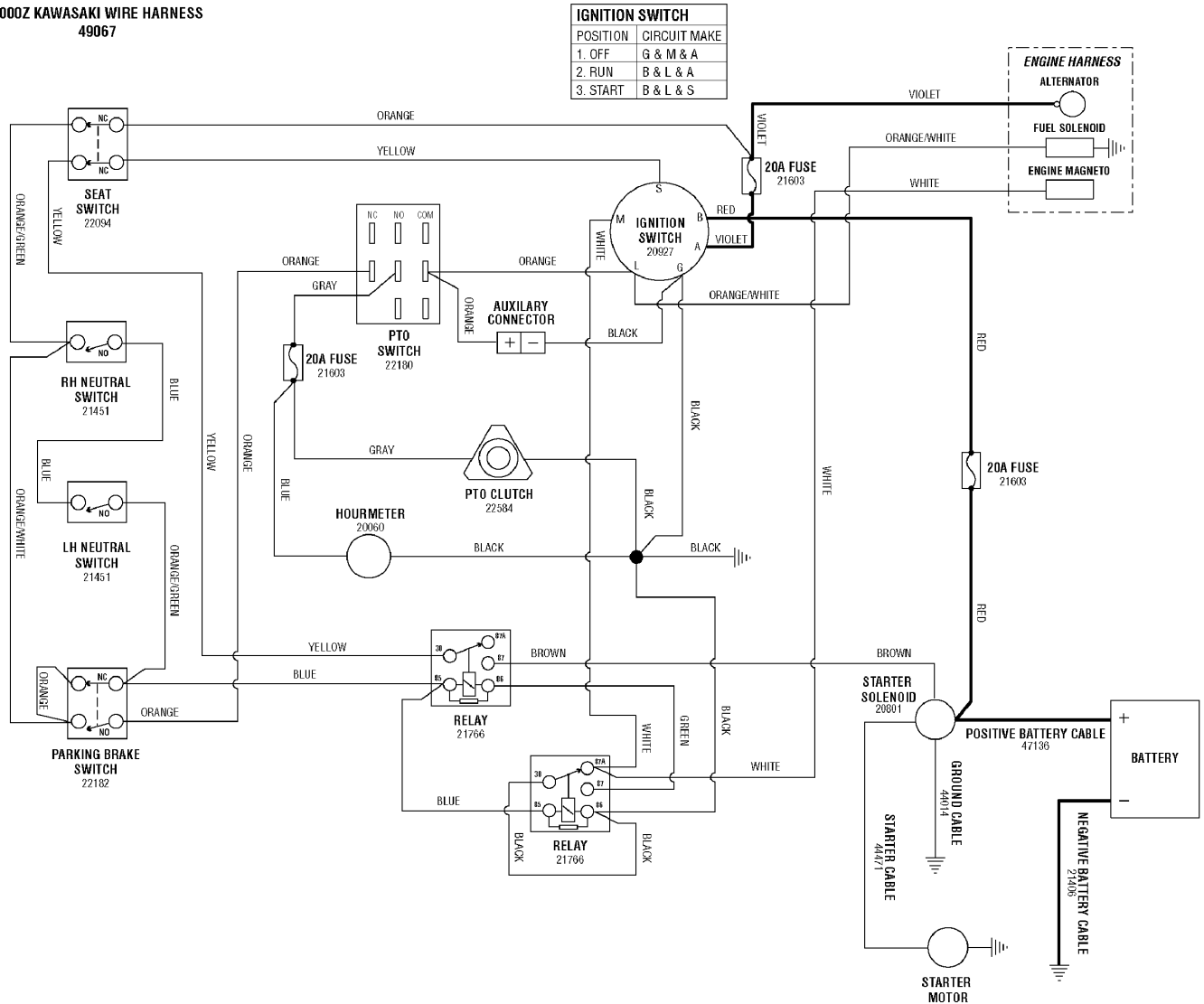
1000Z KOHLER WIRE HARNESS 49063



The above parts group applies to the following Mfg. Nos.:

- 5901000 (S/N: 2899 & above) (1000ZK21/
- 5901002 (S/N: 2899 & above) (1000ZK23/
- 5901003 (S/N: 2899 & above) (1000ZK27/

1000Z KAWASAKI WIRE HARNESS 49067



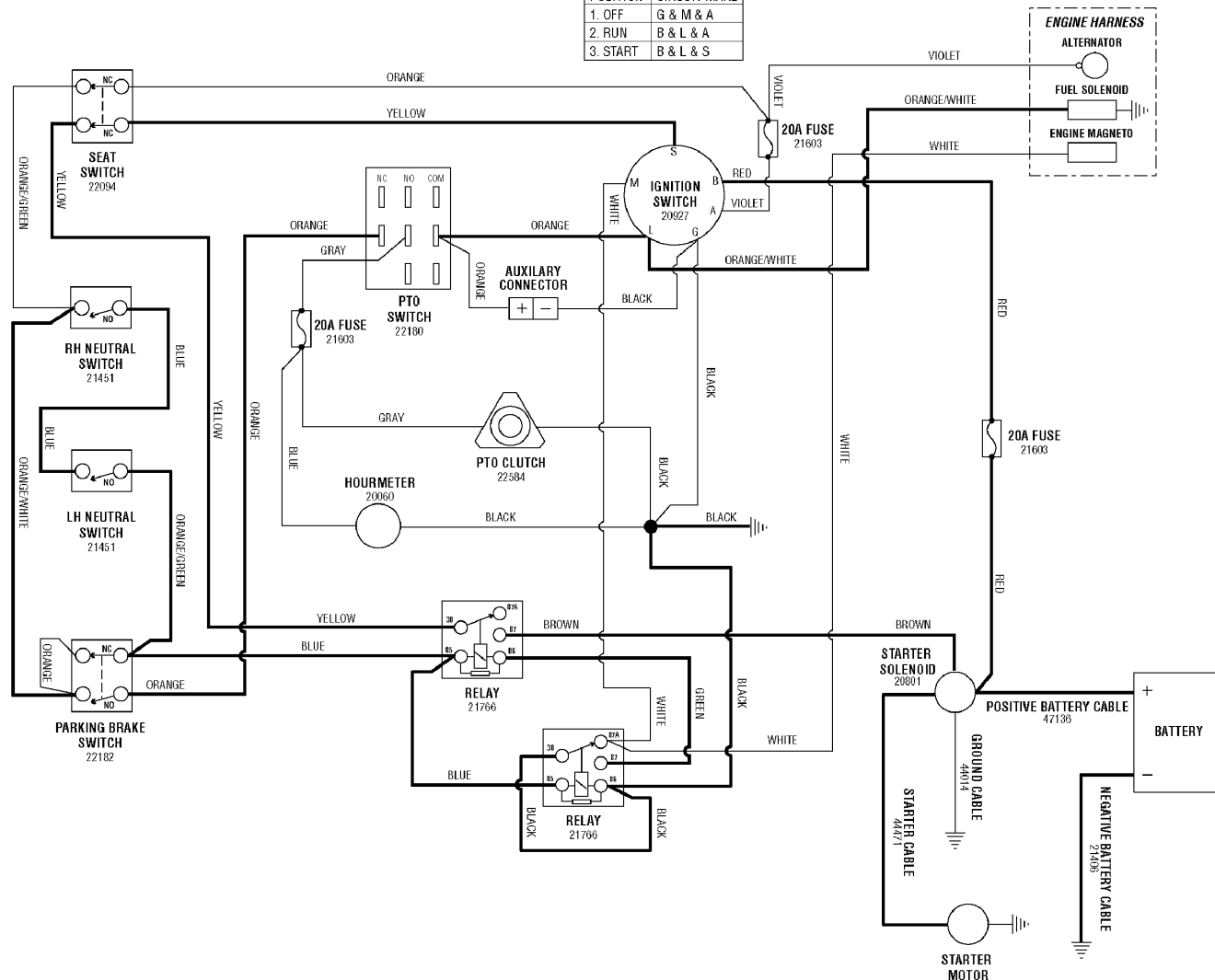
The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

**1000Z KAWASAKI WIRE HARNESS
49067**

IGNITION SWITCH	
POSITION	CIRCUIT MAKE
1. OFF	G & M & A
2. RUN	B & L & A
3. START	B & I & S



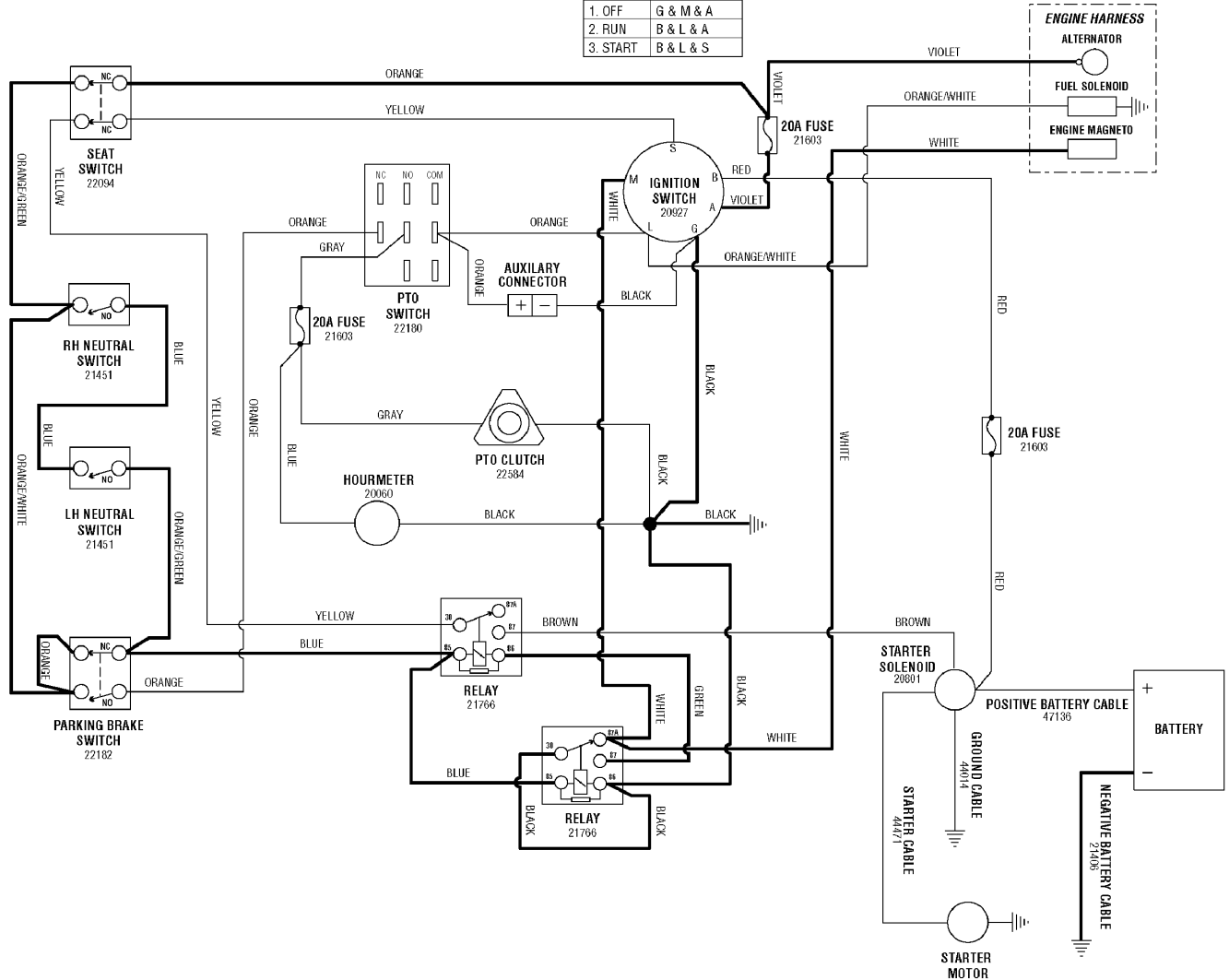
The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA

5901051 (S/N: 2531 & above) (IS1000ZKA

1000Z KAWASAKI WIRE HARNESS
49067

IGNITION SWITCH	
POSITION	CIRCUIT MAKE
1. OFF	G & M & A
2. RUN	B & L & A
3. START	B & L & S

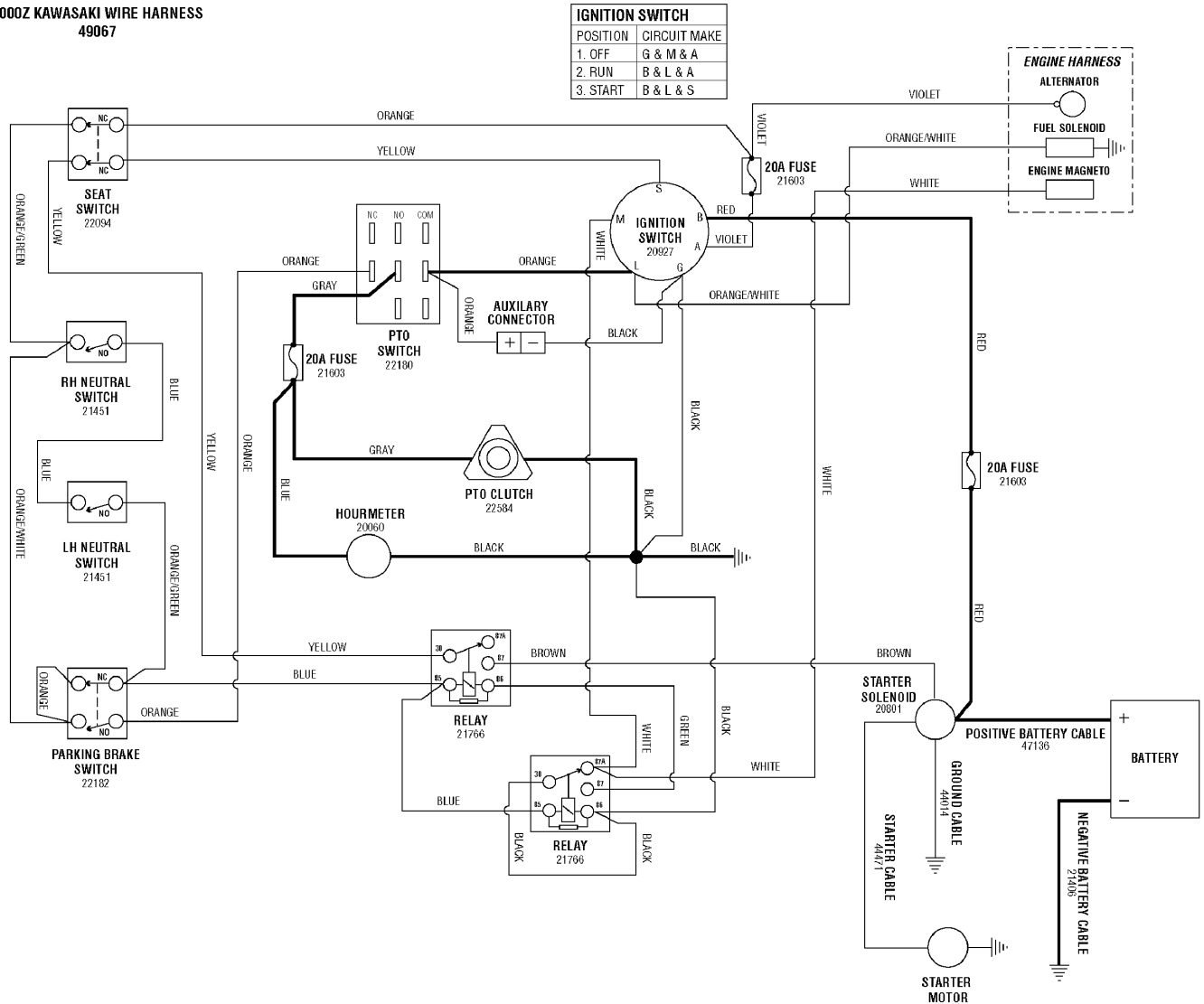


The above parts group applies to the following Mfg. Nos.:

5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

1000Z KAWASAKI WIRE HARNESS
49067



The above parts group applies to the following Mfg. Nos.:

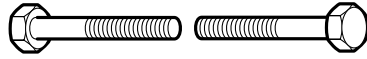
5901050 (S/N: 2531 & above) (IS1000ZKA)

5901051 (S/N: 2531 & above) (IS1000ZKA)

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Carriage Bolt



Lockwasher



Hex Nut

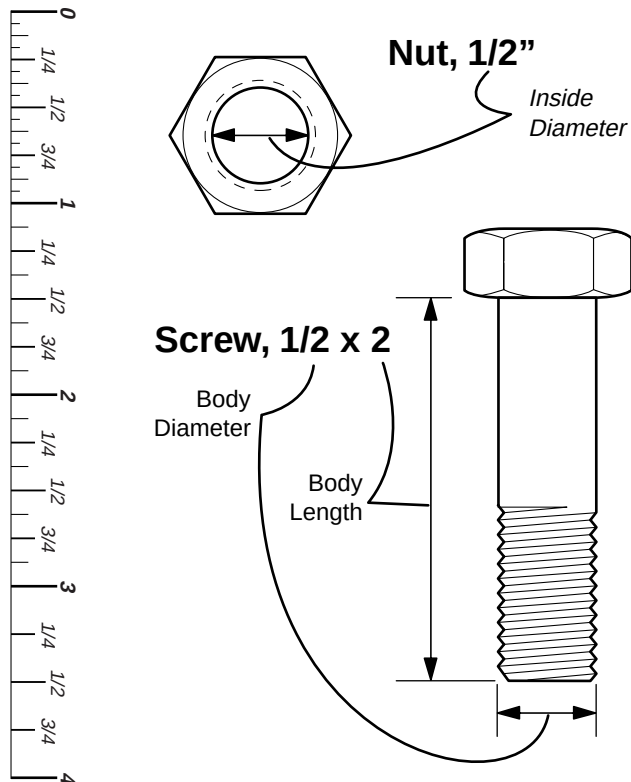


Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represents the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
	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	27	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

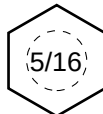
NOTES

- 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.

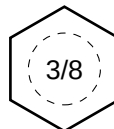
Wrench & Fastener Size Guide



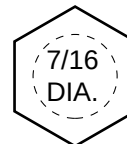
1/4" Bolt or Nut
Wrench—7/16"



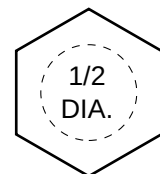
5/16" Bolt or Nut
Wrench—1/2"



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"

Parts Manual 1000Z & IS1000Z

Zero-Turn Riding Mower

S/N: 2899 & Above (1000Z) 2531 & Above (IS1000Z)

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