



Parts Manual IS3000Z Series Zero-Turn Riding Mower

Serial No.: 3631 & Above



Models:	Description:
5901059	26HP Kawasaki Liquid-Cooled V-Twin w/ 61" Mower Deck (IS3000ZLKAV2661)
5901055	25HP Kawasaki w/ 61" Mower Deck (S/N: 3631 & above) (IS3000ZFKAV2561)
5901060	27HP Kohler w/ 61" Mower Deck (S/N: 3631 & above) (IS3000ZXK27/61)

Briggs and Stratton Yard Power Products Group

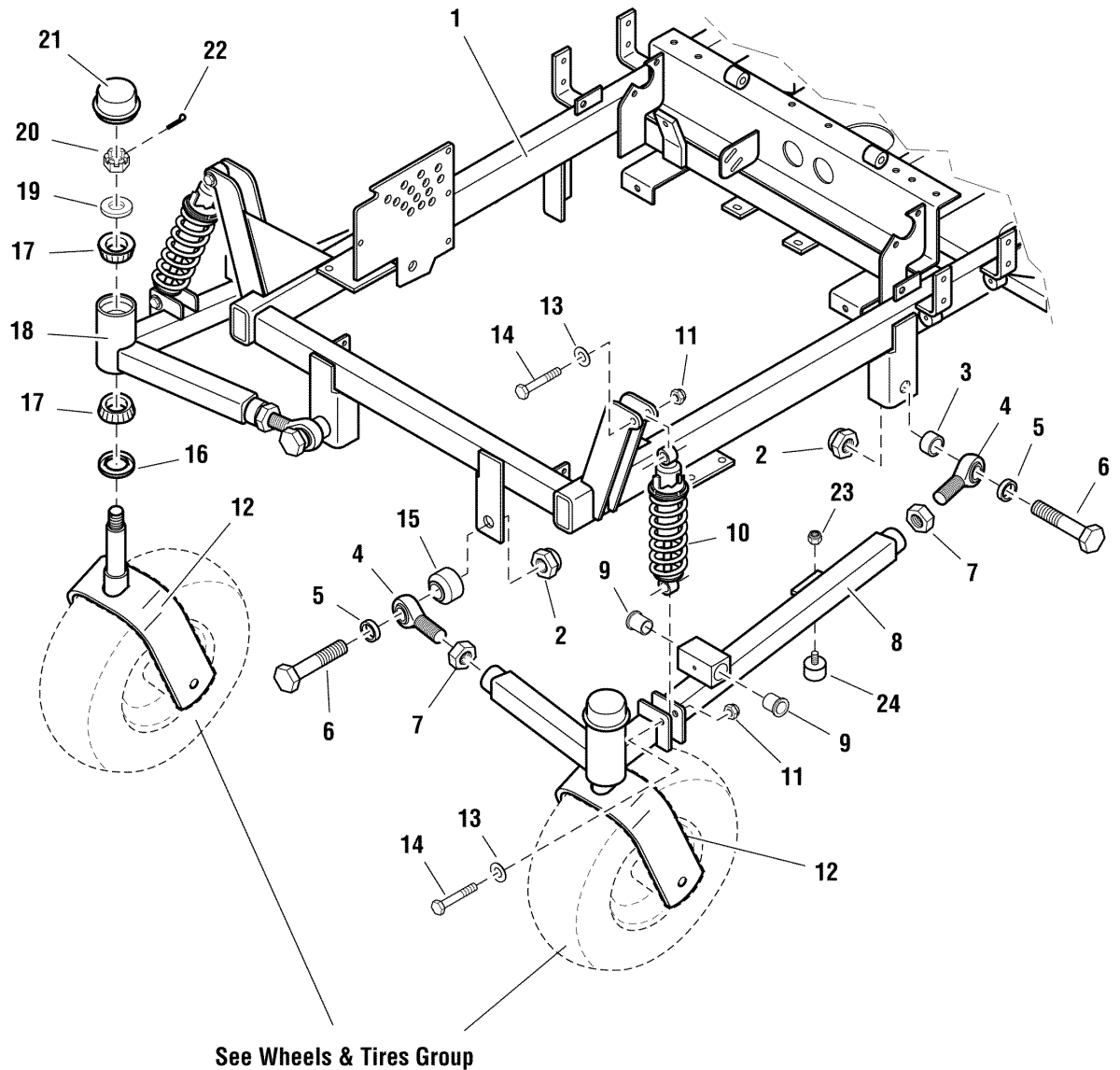
5375 North Main Street
Munnsville, NY 13409 USA
800-933-6175

5023464
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Torque Specification Chart	Inside Back Cover

Main Frame & Front Suspension Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Main Frame & Front Suspension Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061252B	1	MAIN FRAME
2	5025284	4	NUT, 3/4-16 Hex Nylon Lock
3	5046092	4	SPACER, .76 x 1.00 x .50
4	5022039	4	BALL JOINT, 3/4-16 Male
5	5047461	4	SPACER, .76 x 1.00 x .25
6	5025265X28	4	BOLT, 3/4-16 x 3-1/2
7	5025093	4	NUT, 3/4-16 Hex Jam
8	5047743	1	SUSPENSION ARM ASSEMBLY - LH (Includes Ref No. 9)
9	5023343	4	BUSHING, Flange (Qty. (2) per suspension arm)
10	5022842	2	SHOCK & SPRING ASSEMBLY
11	5025096	4	NUT, 3/8-16 Hex Nylon Lock
12	5045769B	2	CASTER TIRE MOUNT
13	5025156	4	WASHER, 3/8" SAE
14	5025013X18	2	BOLT, 3/8-16 x 2-1/4
15	5046093	2	SPACER, .75 x 1.50 x 1.00
16	5021072	2	GREASE SEAL
17	5020884	4	BEARING, Tapered Roller
18	5047742	1	SUSPENSION ARM ASSEMBLY - RH (Includes Ref No. 9)
19	5025160	2	WASHER, 3/4" SAE
20	5025104	2	NUT, 3/4-16 Hex Slotted
21	5021073	2	CAP
22	5025203X10	2	COTTER PIN, 1/8" X 1-1/4"
23	5025095	2	HUT, HEX NYLON LOCK, 1/4x20"
24	5022673	2	RUBBER BUMPER

Footnotes

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

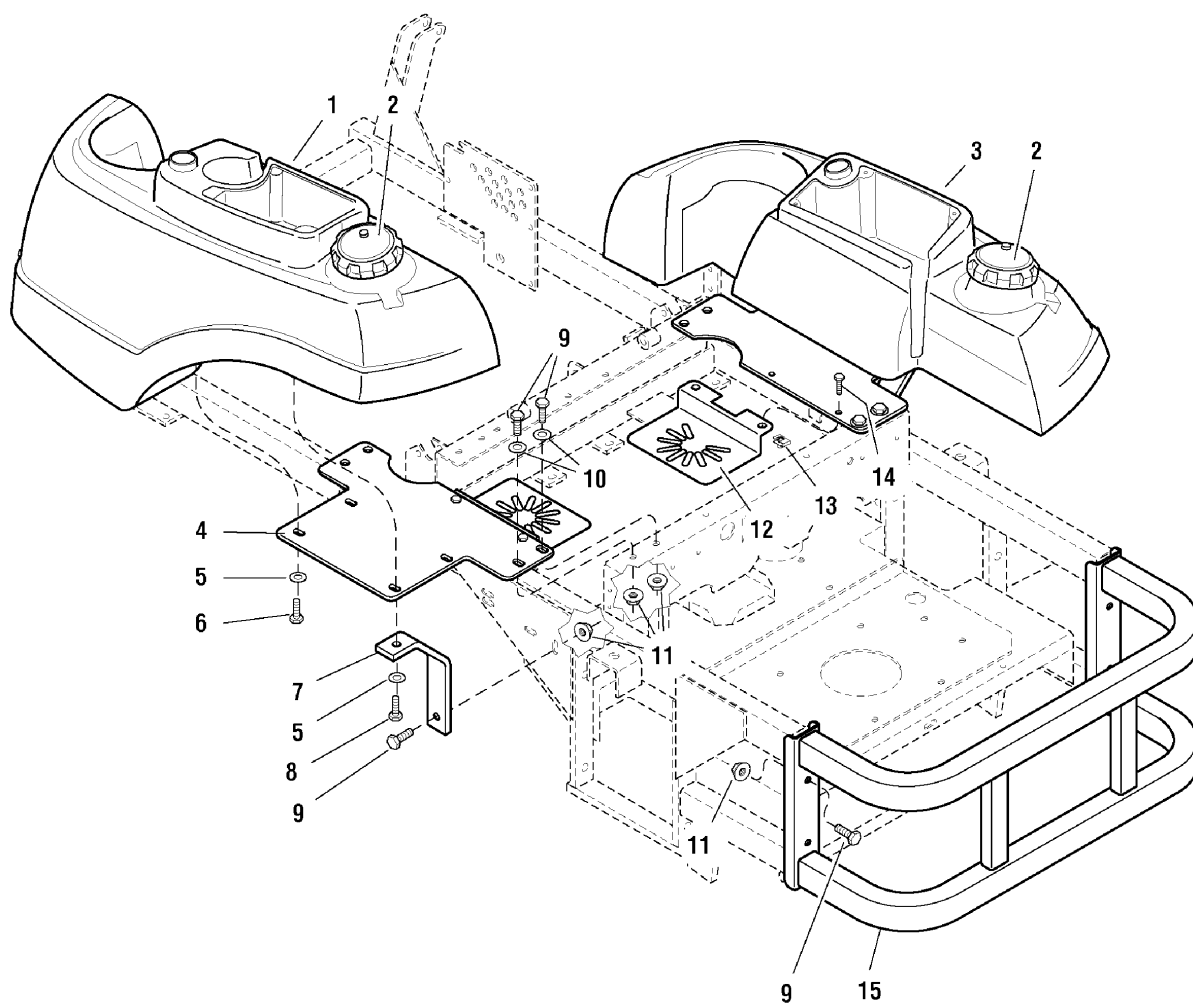
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Fuel Tank, Mount & Bumper Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Fuel Tank, Mount & Bumper Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5049118	1	FUEL TANK, IS3000Z, LH
2	5022158	2	FUEL TANK CAP
3	5049119	1	FUEL TANK, IS3000Z, RH
4	5046250B	2	FUEL TANK MOUNT
5	5025155	8	WASHER, 5/16" SAE
6	5025011X6	6	BOLT, 5/16-18 x 3/4
7	5046436B	2	TANK MOUNT SUPPORT
8	5025011X10	2	BOLT, 5/16-18 x 1-1/4
9	5025013X8	10	BOLT, 3/8-16 x 1
10	5025156	4	WASHER, 3/8" SAE
11	5025128	10	NUT, 3/8-16 Hex Serrated Flange
12	5046472B	2	FAN SHIELD
13	5022665	4	BODY CLIP, 1/4-20
14	5025010X6	4	BOLT, 1/4-20 x 3/4
15	5045384B	1	BUMPER

Footnotes

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

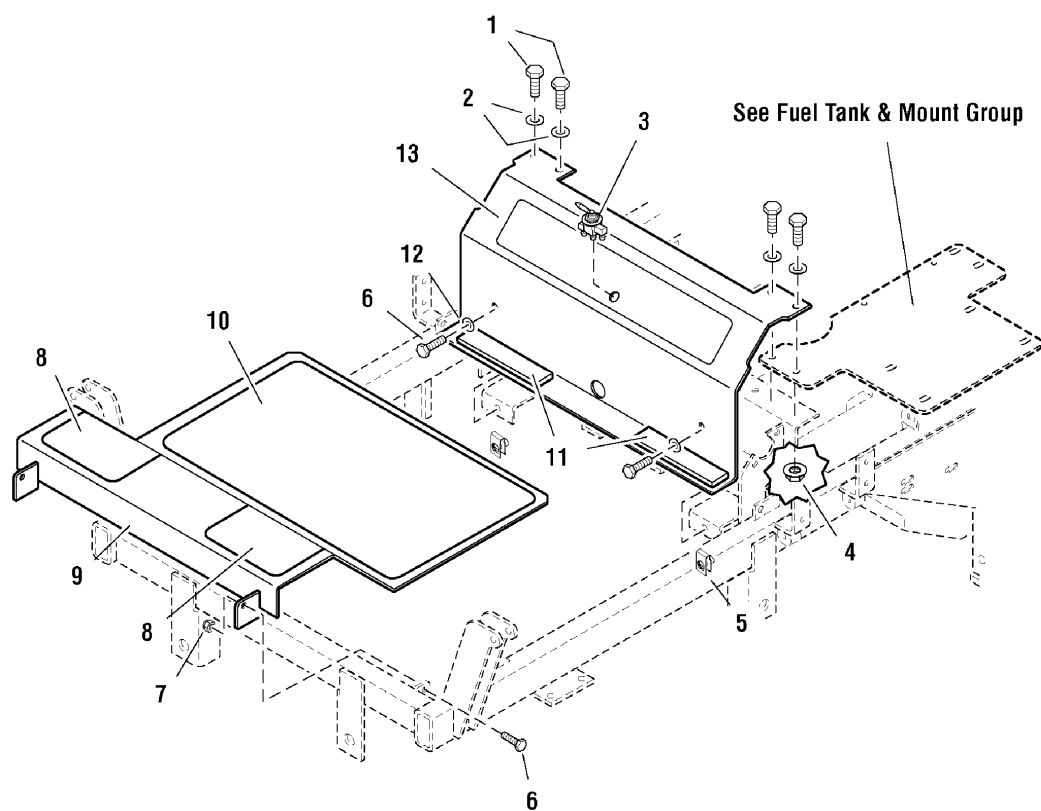
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Floor & Brake Cover Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Floor & Brake Cover Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5025013X8	4	BOLT, 3/8-16 x 1
2	5025156	8	WASHER, 3/8" SAE
3	5023073	1	VALVE, Fuel Shut Off, 4-Way
4	5025128	4	NUT, 3/8-16 Hex Serrated Flange
5	5022308	2	BODY CLIP, 5/16-18
6	5025011X6	4	BOLT, 5/16-18 x 3/4
7	5025057	2	NUT, 5/16-18 Hex Nylon Lock
8	5045915	2	SAFETY WALK
9	5047773B	1	FLOOR PAN
10	5044873	1	SAFETY WALK
11	5021877	2	RUBBER PAD
12	5025155	2	WASHER, 5/16" SAE
13	61575	1	BRAKE COVER PANEL ASSEMBLY (Includes decal)

Footnotes

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

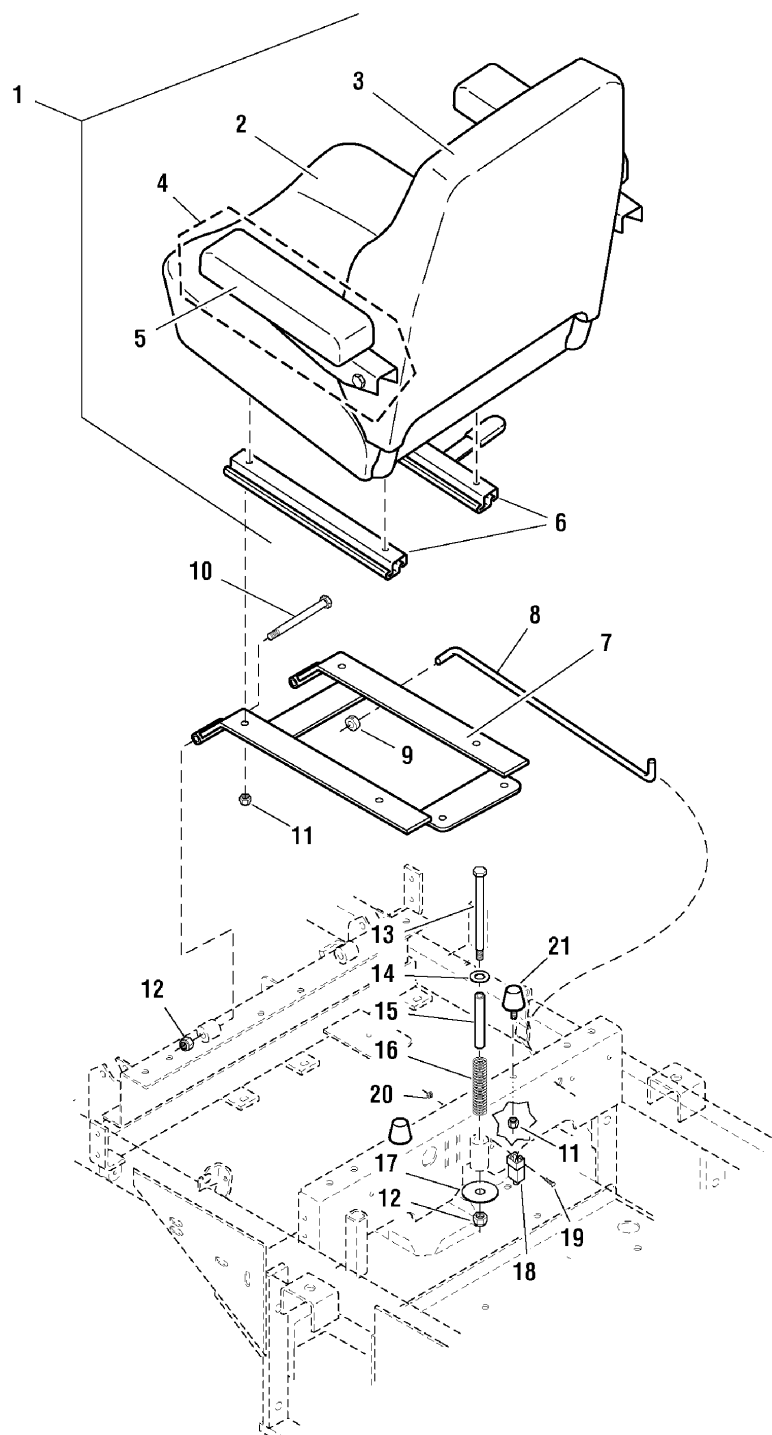
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Seat & Mount Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Seat & Mount Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022955	1	SEAT, Deluxe, Gray, Complete (Includes Ref No. 2 - 6)
2	5022955X1	1	CUSHION, Bottom Cover
3	5022955X2	1	CUSHION, Back Cover
4	5022955X3	2	ARM REST SET (Includes Ref No. 5)
5	5022955X4	2	ARM REST PADS
6	5020930X3	1	SEAT ADJUSTER RAILS (set of 2)
7	5047744B	1	SEAT MOUNT
8	5046470	1	SEAT STOP ROD
9	5020047	1	COLLAR, 5/16" Set
10	5025013X32	2	BOLT, 3/8-16 x 4
11	5025057	6	NUT, 5/16-18 Hex Nylon Lock
12	5025096	3	NUT, 3/8-16 Hex Nylon Lock
13	5025013X48	1	BOLT, 3/8-16 x 6
14	5025156	1	WASHER, 3/8" SAE
15	5046586	1	SPACER, .38 X .50 X 5.06
16	5022798	1	SPRING, Compression
17	5025326	1	WASHER, 3/8 x 2
18	-	1	SWITCH (see electrical group)
19	5025270	2	SCREW, #10-24 x 1
20	25029	2	NUT, #10-24 Hex
21	5022612	2	RUBBER BUMPER
22	5100652	1	SPRING, EXTENSION, 4" SEAT ADJUSTMENT (Not shown.)

Footnotes

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

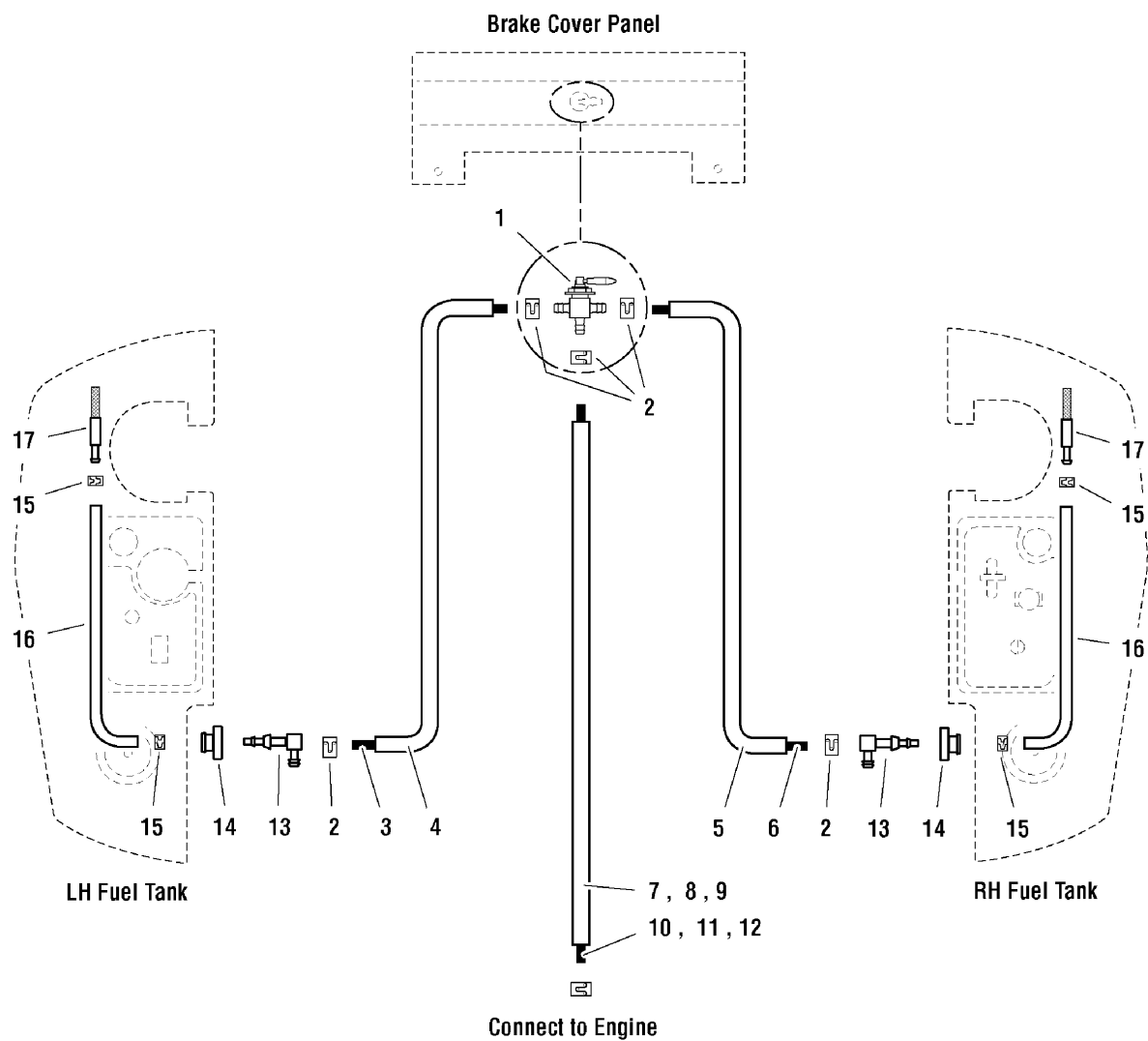
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

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.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Fuel Supply Hose & Tank Replacement Parts Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5023358	1	VALVE, Fuel Shut Off
2	5020835	6	CLAMP, Hose
3	5050831X51	1	1/4" Fuel Line, 51" Long
4	5050833X48	1	WIRE LOOM, 48"
5	5050833X39	1	WIRE LOOM, 39"
6	5050831X41	1	1/4" Fuel Line, 41" Long
7	5050833X34	1	WIRE LOOM, 34" (Kohler)
8	5050833X43	1	WIRE LOOM, 43" (Kawasaki)
9	5050833X28	1	WIRE LOOM, 28" (Kawasaki Liquid Cooled)
10	5050831X36	1	1/4" Fuel Line, 36" Long (Kohler)
11	5050831X45	1	1/4" Fuel Line, 45" Long (Kawasaki)
12	5050831X30	1	1/4" Fuel Line, 30" Long (Kawasaki Liquid Cooled)
13	5023061	2	ELBOW FITTING
14	1726400	2	GROMMET
15	5023069	4	HOSE CLAMP
16	5101217	2	HOSE
17	5023067	2	SCREEN FITTING

Footnotes

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

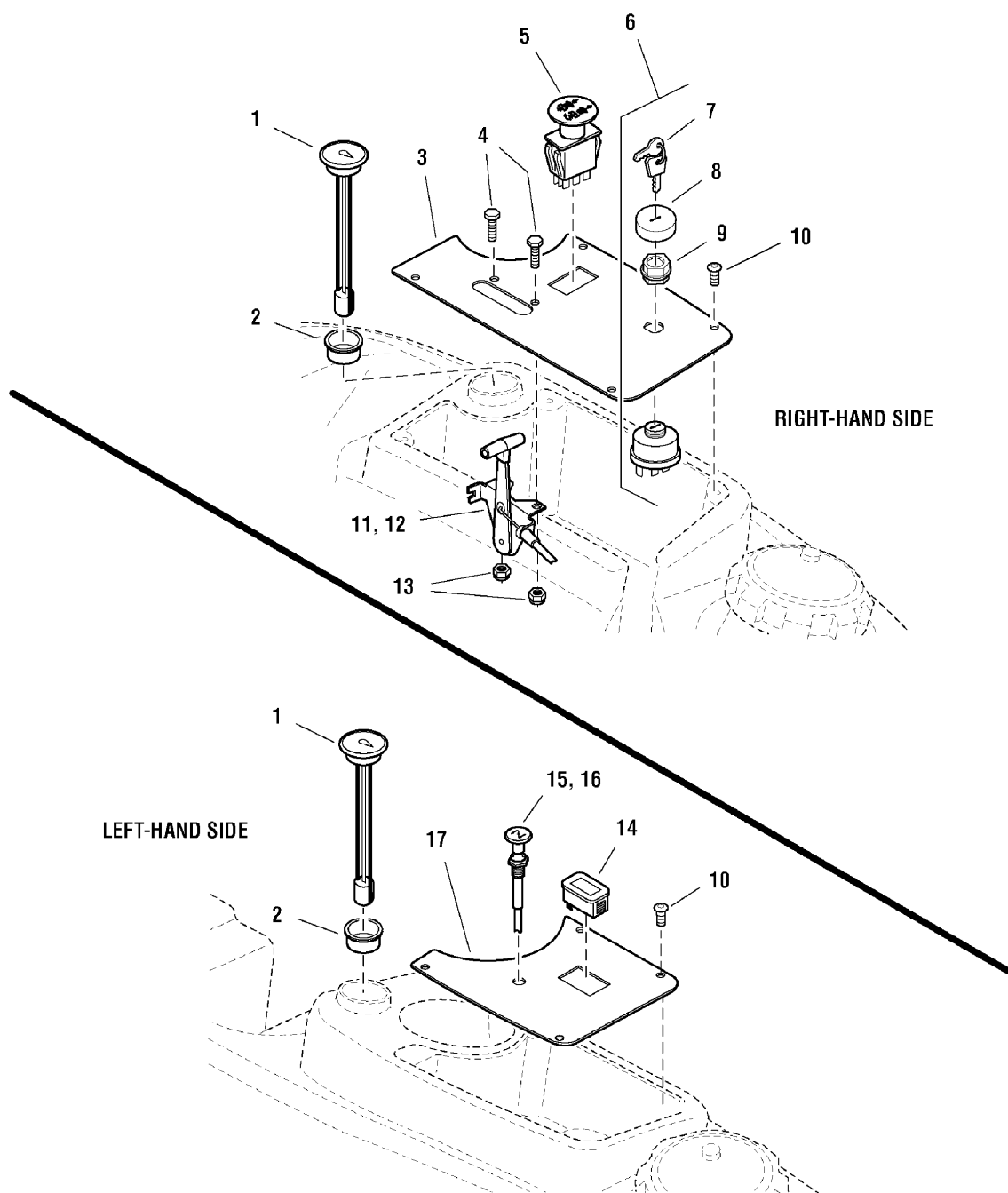
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

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.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

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" (Kohler)
12	5021887	1	CABLE, Throttle, 45" (Kawasaki)
13	5025126	2	NUT, 1/4-20 Hex Serrated Flange
14	5100996	1	HOURMETER, Digital
15	5023239	1	CABLE, Choke Control, 39-1/2" (Kohler)
16	5023238	1	CABLE, Choke Control, 51" (Kawasaki)
17	5049108A	1	CONTROL PANEL-LH

Footnotes

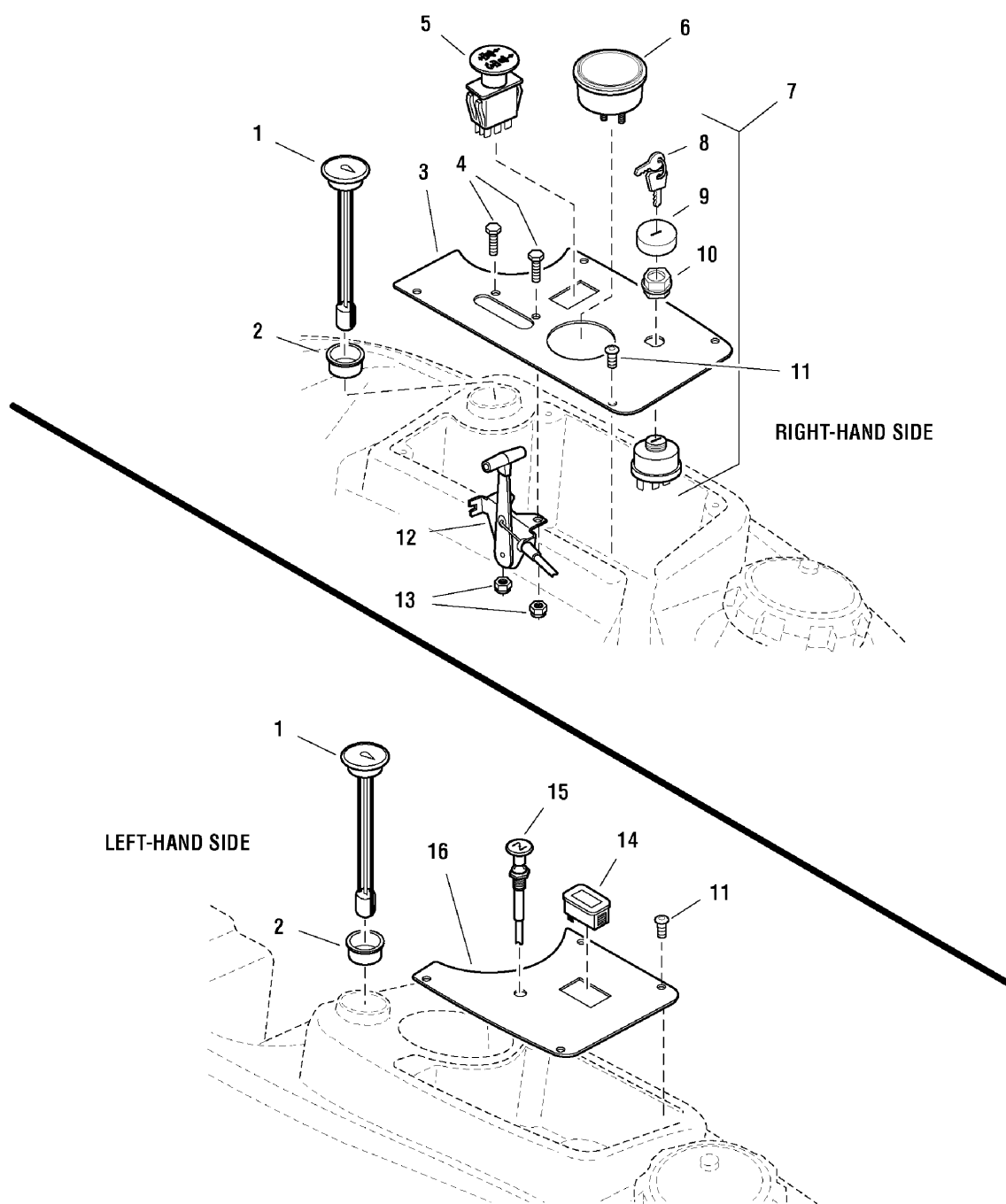
The above parts group applies to the following Mfg. Nos.:

5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

Instrument & Control Panel Group - Liquid Cooled Model

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



The above parts group applies to the following Mfg. Nos.:
5901059 (IS3000ZLKAV2661)

Instrument & Control Panel Group - Liquid Cooled Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022917	2	FUEL GAUGE
2	5022917X1	2	GROMMET
3	5061138A	1	CONTROL PANEL-RH
4	5025010X6	2	BOLT, 1/4-20 x 3/4
5	5022180	1	SWITCH, PTO
6	5023393	1	TEMPERATURE GAUGE
7	5020927	1	SWITCH, Ignition, Complete (Includes Ref No. 8- 10)
8	5022789	1	KEY, Ignition, Molded Set
9	5022790	1	COVER
10	5022791	1	PLASTIC NUT
11	5025299X4	8	SCREW, Allen Head, 1/4-20 x 1/2
12	5021887	1	CABLE, Throttle, 45"
13	5025126	2	NUT, 1/4-20 Hex Serrated Flange
14	5100996	1	HOURMETER, Digital
15	5061533	1	CABLE, Choke Control
16	5049108A	1	CONTROL PANEL-LH

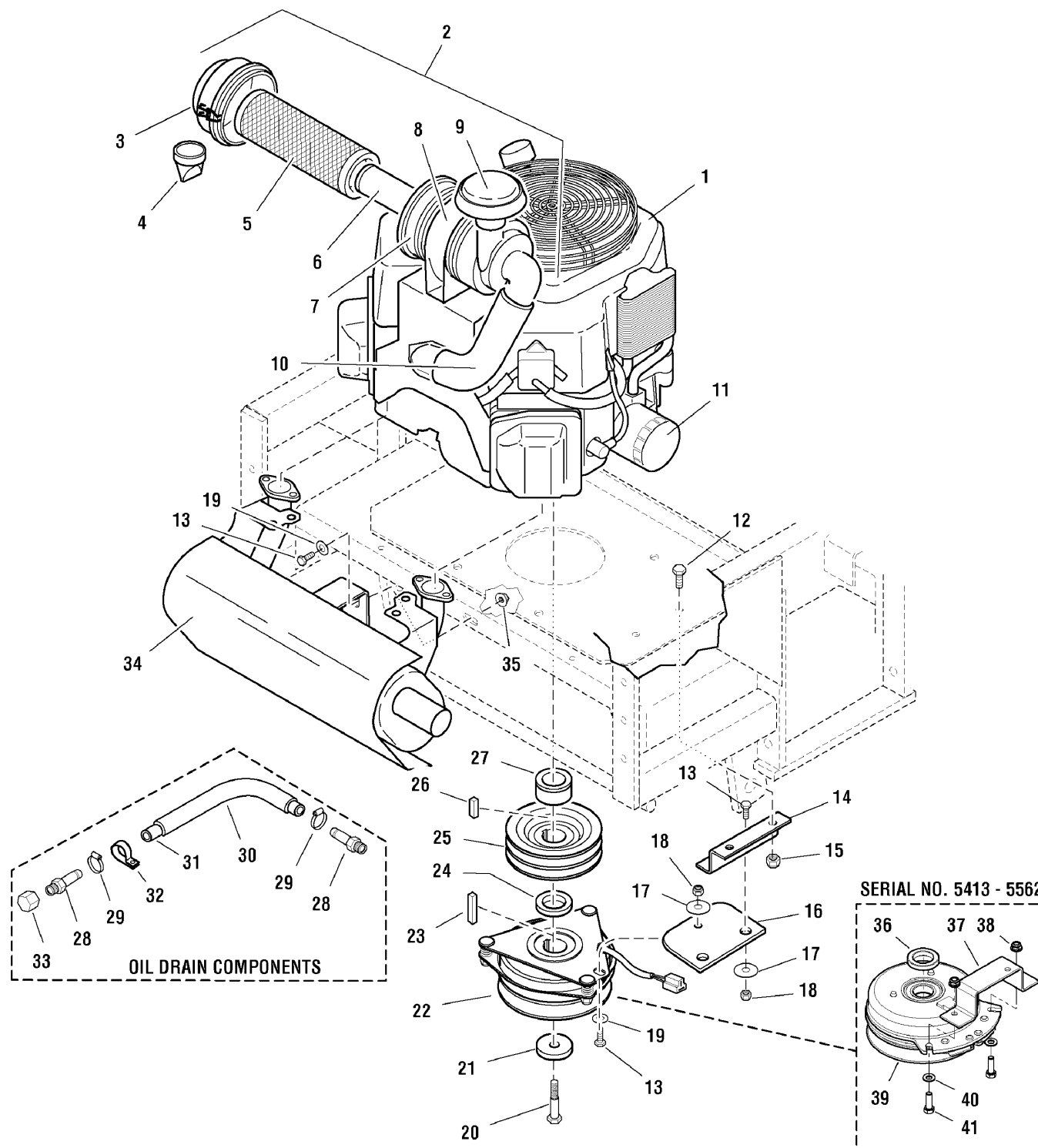
Footnotes

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

5901059 (IS3000ZLKAV2661)

Engine & PTO Group - Kohler

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



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

5901060 (S/N: 3631 & above) (IS3000ZXK)

Engine & PTO Group - Kohler

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	5021144X1	1	OIL FILTER (12 050 01)
12	5025013X8	2	BOLT, 3/8-16 x 1
13	5025011X6	4	BOLT, 5/16-18 x 3/4
14	5046416B	1	CLUTCH ANCHOR
15	5025096	2	NUT, 3/8-16 Hex Nylon Lock
16	5043636	1	CLUTCH ANCHOR PAD
17	5025165	3	WASHER, 3/8" Fender
18	5025057	3	NUT, 5/16-18 Hex Nylon Lock
19	5025155	2	WASHER, 5/16" SAE
20	5045938	1	CRANKSHAFT BOLT, 7/16 x 2-1/4
21	5045475	1	SPACER, .45 x 1.88 x .38
22	5023233	1	ELECTRIC CLUTCH
23	5050407X3	1	KEY, 1/4 SQ. X 2
24	5042945	1	SPACER, 1.13 x 2.00 x .19
25	5047075	1	CRANKSHAFT PULLEY
26	5050407X1	1	KEY, 1/4 SQ. X 1
27	5047033	1	SPACER, 1.13 x 1.75 x 1.03
28	5021372	2	FITTING, 3/8NPT-1/2" Hose, Straight
29	5021392	2	CLAMP, #6 Hose
30	5050862X12	1	WIRE LOOM, 12"
31	5050857X13	1	HOSE, 13"
32	5021500	1	CLAMP, Vinyl
33	5021466	1	CAP, 3/8 NPT
34	5022952	1	MUFFLER
35	5025127	1	NUT, 5/16-18 Hex Small Serrated Flange
36	5100062	1	SPACER, 1.13 x 1.75 x .32 (See Footnote)
37	5400328B	1	CLUTCH ANCHOR (See Footnote)
38	5025392	2	NUT, 5/16-18 Hex Nylock Flange (See Footnote)
39	-	1	ELECTRIC CLUTCH (See Footnote)
40	5025155	2	WASHER, 5/16" SAE (See Footnote)
41	5025011X8	2	BOLT, 5/16-18 x 1" (See Footnote)

Footnotes

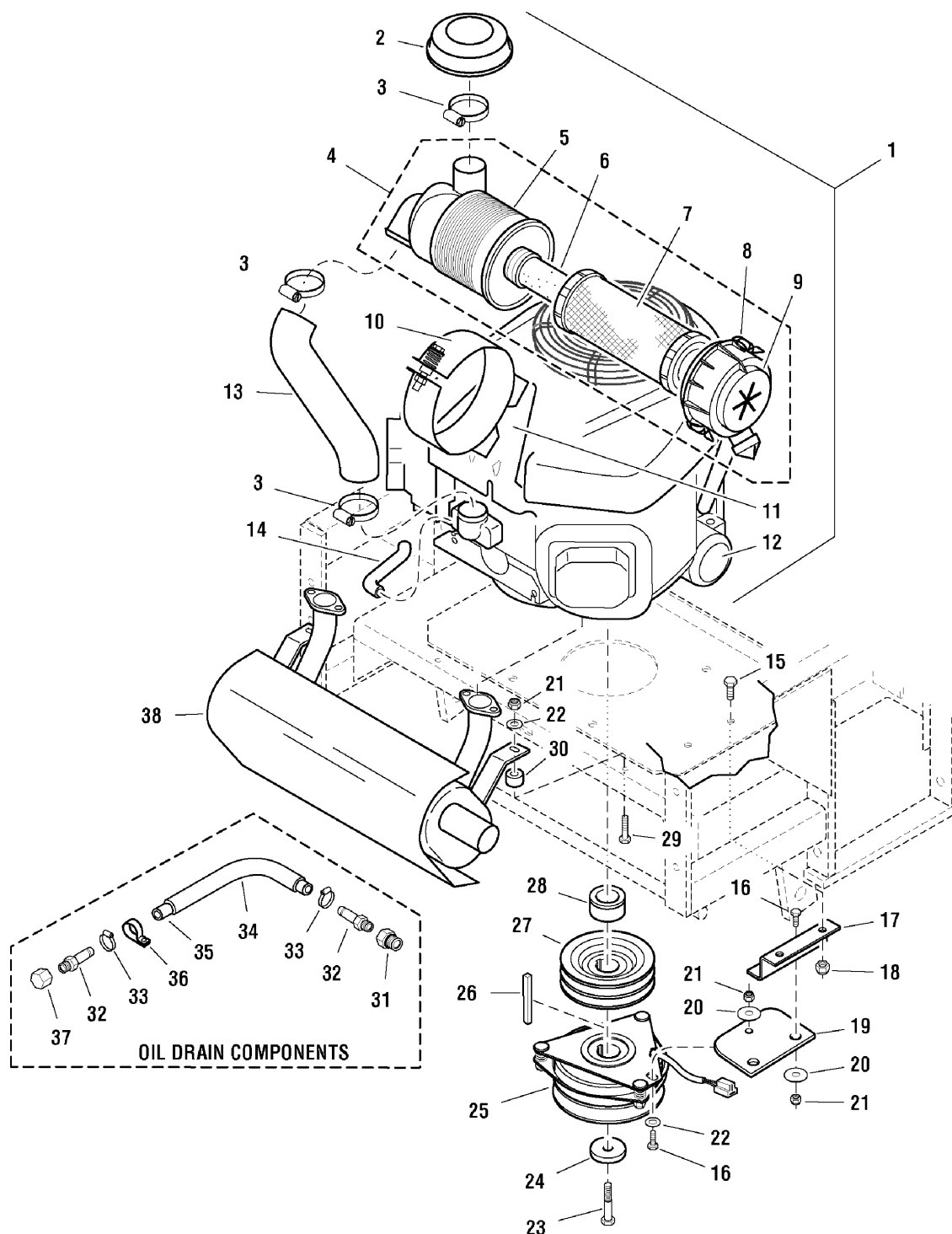
- If clutch needs to be replaced, order Part No. 5023233 (Ref No. 22,) 5045475 (Ref No. 21,) 5050407X3 (Ref No. 23,) and 5042945 (Ref No. 24). Discard Ref No. 36 - 41.

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

5901060 (S/N: 3631 & above) (IS3000ZXK

Engine & PTO Group - Kawasaki 25HP

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

Engine & PTO Group - Kawasaki 25HP

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5023116	1	ENGINE, 25HP Kawasaki (Model FH721V) (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	5025013X8	2	BOLT, 3/8-16 x 1
16	5025011X6	3	BOLT, 5/16-18 x 3/4
17	5046416B	1	CLUTCH ANCHOR
18	5025096	2	NUT, 3/8-16 Hex Nylon Lock
19	5043636	1	CLUTCH ANCHOR PAD
20	5025165	3	WASHER, 3/8" Fender
21	5025057	5	NUT, 5/16-18 Hex Nylon Lock
22	5025155	3	WASHER, 5/16" SAE
23	5045938	1	CRANKSHAFT BOLT, 7/16 x 2-1/4
24	5045475	1	SPACER, .45 x 1.88 x .38
25	5023232	1	ELECTRIC CLUTCH
26	5050407X2	1	KEY, 1/4 SQ. X 3
27	5047075	1	CRANKSHAFT PULLEY
28	5047033	1	SPACER, 1.13 x 1.75 x 1.03
29	5025011X12	2	BOLT, 5/16-18 x 1-1/2
30	5046446	2	SPACER, .39 x 1.00 x .80
31	5022234	1	ADAPTER, Oil Drain
32	5021372	2	FITTING, 3/8NPT-1/2" Hose, Straight
33	5021392	2	CLAMP, #6 Hose
34	5050862X12	1	WIRE LOOM, 12"
35	5050857X14	1	HOSE, 14"
36	5021500	1	CLAMP, Vinyl
37	5021466	1	CAP, 3/8 NPT
38	5023162	1	MUFFLER

Footnotes

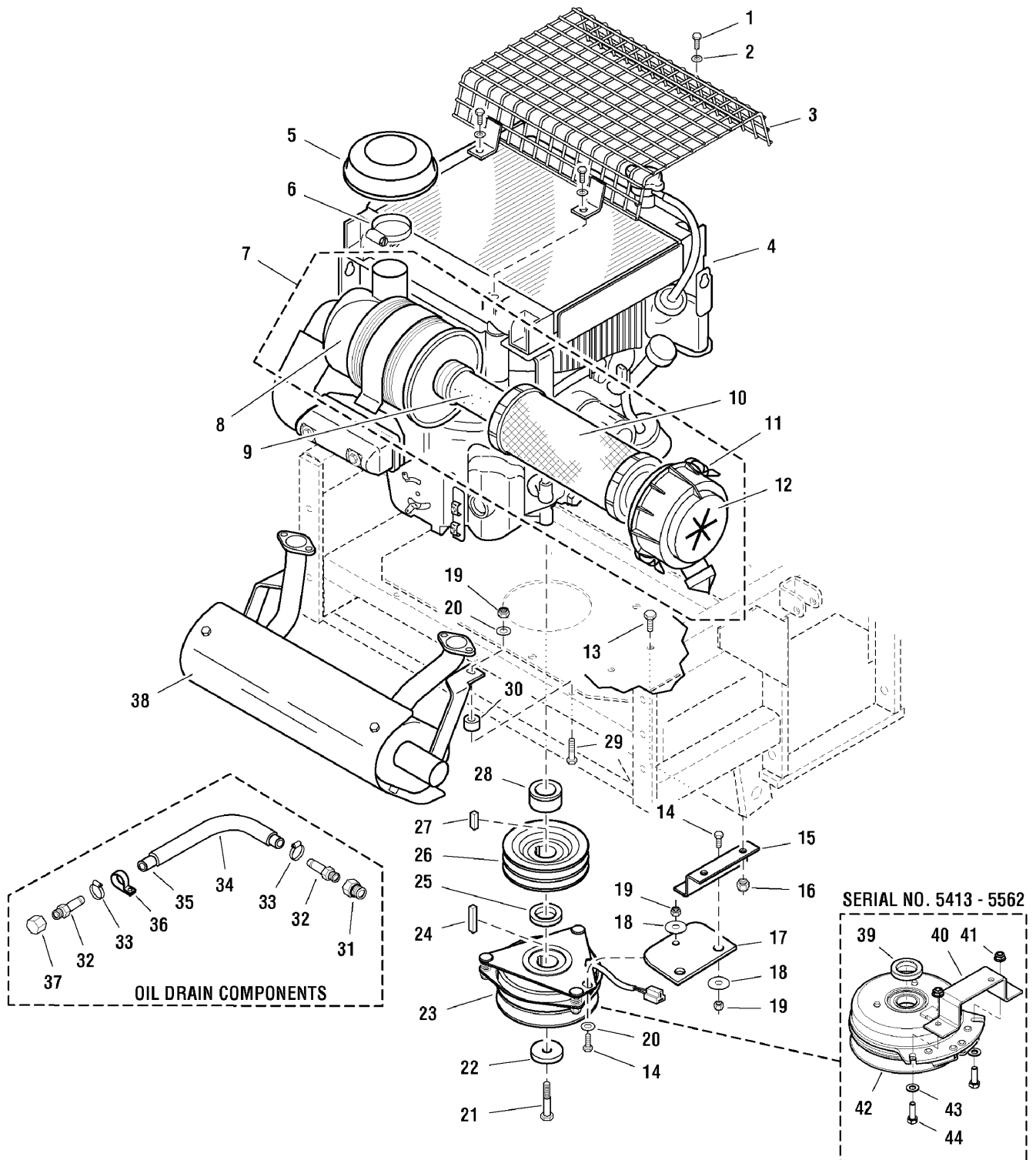
- See your local Kawasaki engine dealer for parts & service.

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

5901055 (S/N: 3631 & above) (IS3000ZFK

Engine & PTO Group - Kawasaki 26HP Liquid Cooled

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



The above parts group applies to the following Mfg. Nos.:
5901059 (IS3000ZLKAV2661)

Engine & PTO Group - Kawasaki 26HP Liquid Cooled

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5023215	3	BOLT, M6 x 14MM
2	5025154	3	WASHER, 1/4" SAE
3	5061510	1	RADIATOR PROTECTION SCREEN
4	5023396	1	ENGINE, 26HP Kawasaki (Model FD731V) (Includes Ref No. 5 - 12)
5	5023143	1	RAIN CAP
6	5023146	3	CLAMP
7	5023138	1	AIR FILTER ASSEMBLY, Complete (Includes Ref No. 8 - 12)
8	5023139	1	CASE, Air Filter
9	5023140	1	AIR FILTER, Secondary
10	5023141	1	AIR FILTER, Primary
11	5023147	2	CLAMP, Cap
12	5023144	1	CAP, Filter Case
13	5025013X8	2	BOLT, 3/8-16 x 1
14	5025011X6	3	BOLT, 5/16-18 x 3/4
15	5046416B	1	CLUTCH ANCHOR
16	5025096	2	NUT, 3/8-16 Hex Nylon Lock
17	5043636	1	CLUTCH ANCHOR PAD
18	5025165	3	WASHER, 3/8" Fender
19	5025057	5	NUT, 5/16-18 Hex Nylon Lock
20	5025155	3	WASHER, 5/16" SAE
21	5061502	1	CRANKSHAFT BOLT, M10 x 65MM
22	5045475	1	SPACER, .45 x 1.88 x .38
23	5023233	1	ELECTRIC CLUTCH
24	5050407X3	1	KEY, 1/4 SQ. X 2
25	5042945	1	SPACER, 1.13 x 2.00 x .19
26	5047075	1	CRANKSHAFT PULLEY
27	5050407X1	1	KEY, 1/4 SQ. X 1
28	5047033	1	SPACER, 1.13 x 1.75 x 1.03
29	5025011X12	2	BOLT, 5/16-18 x 1-1/2
30	5046446	2	SPACER, .39 x 1.00 x .80
31	5022234	1	ADAPTER, Oil Drain
32	5021372	2	FITTING, 3/8NPT-1/2" Hose, Straight
33	5021392	2	CLAMP, #6 Hose
34	5050862X12	1	WIRE LOOM, 12"
35	5050857X14	1	HOSE, 14"
36	5021500	1	CLAMP, Vinyl
37	5021466	1	CAP, 3/8 NPT
38	5061314	1	MUFFLER
39	5100062	1	SPACER, 1.13 x 1.75 x .32 (See Footnote)
40	5400328B	1	CLUTCH ANCHOR (See Footnote)
41	5025392	2	NUT, 5/16-18 Hex Nylock Flange (See Footnote)

Footnotes

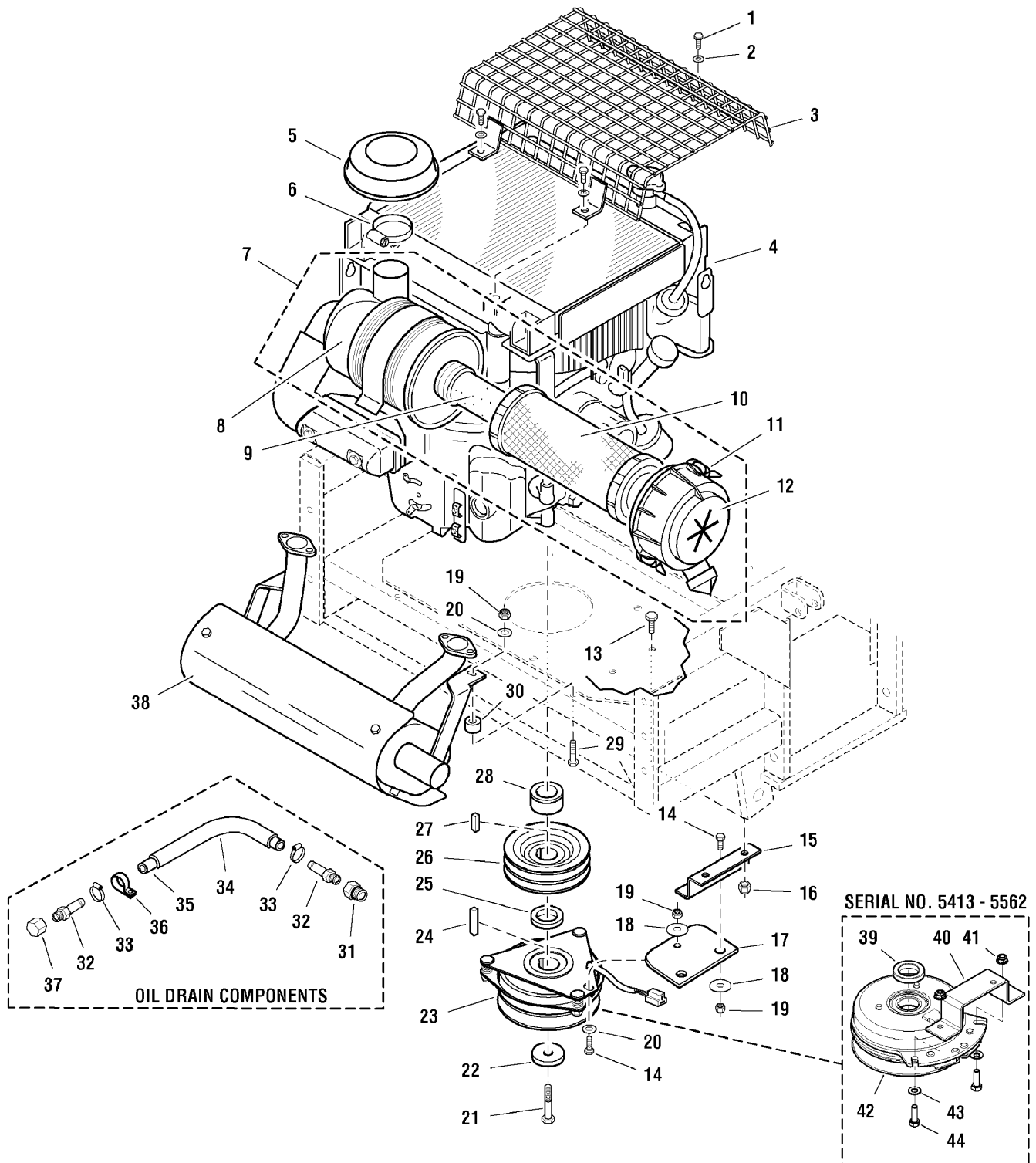
- If clutch needs to be replaced, order Part No. 23233 (Ref No. 23) and Part No. 42945 (Ref No. 25). Discard Ref No. 39 - 44.

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

5901059 (IS3000ZLKAV2661)

Engine & PTO Group - Kawasaki 26HP Liquid Cooled

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



The above parts group applies to the following Mfg. Nos.:
5901059 (IS3000ZLKAV2661)

Engine & PTO Group - Kawasaki 26HP Liquid Cooled

REF NO.	PART NO.	QTY.	DESCRIPTION
42	-	1	ELECTRIC CLUTCH (See Footnote)
43	5025155	2	WASHER, 5/16" SAE (See Footnote)
44	5025011X8	2	BOLT, 5/16-18 x 1" (See Footnote)
45	5023396X1	1	OIL FILTER, KAWI # 49065-2086 (Not shown)
46	-	1	SPRING CLIP, KAWI # 92144-2346 (Not shown)
47	-	1	SCREEN, BOTTOM, KAWI # 11053-2104-9H (Not shown)
48	-	1	SCREEN, TOP, BUBBLE, KAWI # 14037-2146-9H (Not shown)

Footnotes

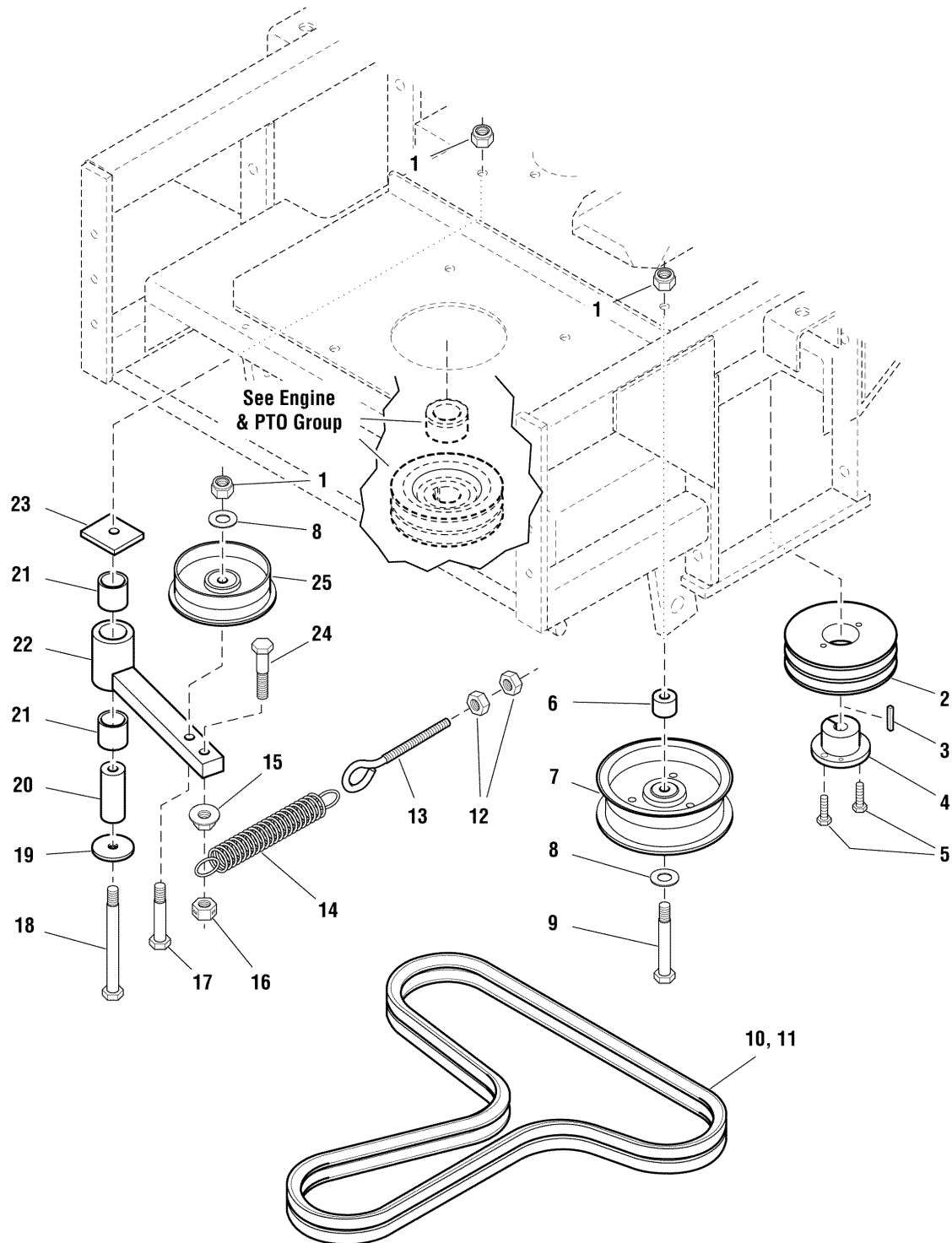
- If clutch needs to be replaced, order Part No. 23233 (Ref No. 23) and Part No. 42945 (Ref No. 25). Discard Ref No. 39 - 44.

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

5901059 (IS3000ZLKAV2661)

Pump Drive Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Pump Drive Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5025096	3	NUT, 3/8-16 Hex Nylon Lock
2	5022586	2	PULLEY, Pump Drive
3	5023254	2	KEY, 5MM SQ. x 25MM w/ Round Ends
4	5022587	2	BUSHING, Tapered Hub
5	5025010X8	4	BOLT, 1/4-20 x 1
6	5046446	1	SPACER, .39 x 1.00 x .79
7	5022620	1	PULLEY, Idler
8	5025156	2	WASHER, 3/8" SAE
9	5025013X22	1	BOLT, 3/8-16 x 2-3/4
10	5022314	1	BELT, Pump Drive (set of 2)
11	5061501	1	BELT, Pump Drive, Liquid Cooled Model (Set)
12	5025034	2	NUT, 3/8-16 Hex
13	5023497	1	EYEBOLT, 3/8-16 x 5"
13	5021812	1	EYEBOLT, 3/8-16 x 6" (Liquid Cooled model only)
14	5022847	1	SPRING, Extension, Swivel End
15	5025128	1	NUT, 3/8-16 Hex Serrated Flange
16	5025100	1	NUT, 3/8-16 Hex Side Lock
17	5025013X18	1	BOLT, 3/8-16 x 2-1/4
18	5025013X32	1	BOLT, 3/8-16 x 4
19	5025305	1	WASHER, 3/8 x 1-3/4
20	5045135	1	SPACER, .39 X 1.00 X 2.55
21	5022157	2	BUSHING, Brass
22	5046430B	1	PUMP DRIVE IDLER ARM
23	5045090	1	SPACER, Idler Pivot
24	5025013X14	1	BOLT, 3/8-16 x 1-3/4
25	5022621	1	PULLEY, Idler (Single Flange)

Footnotes

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

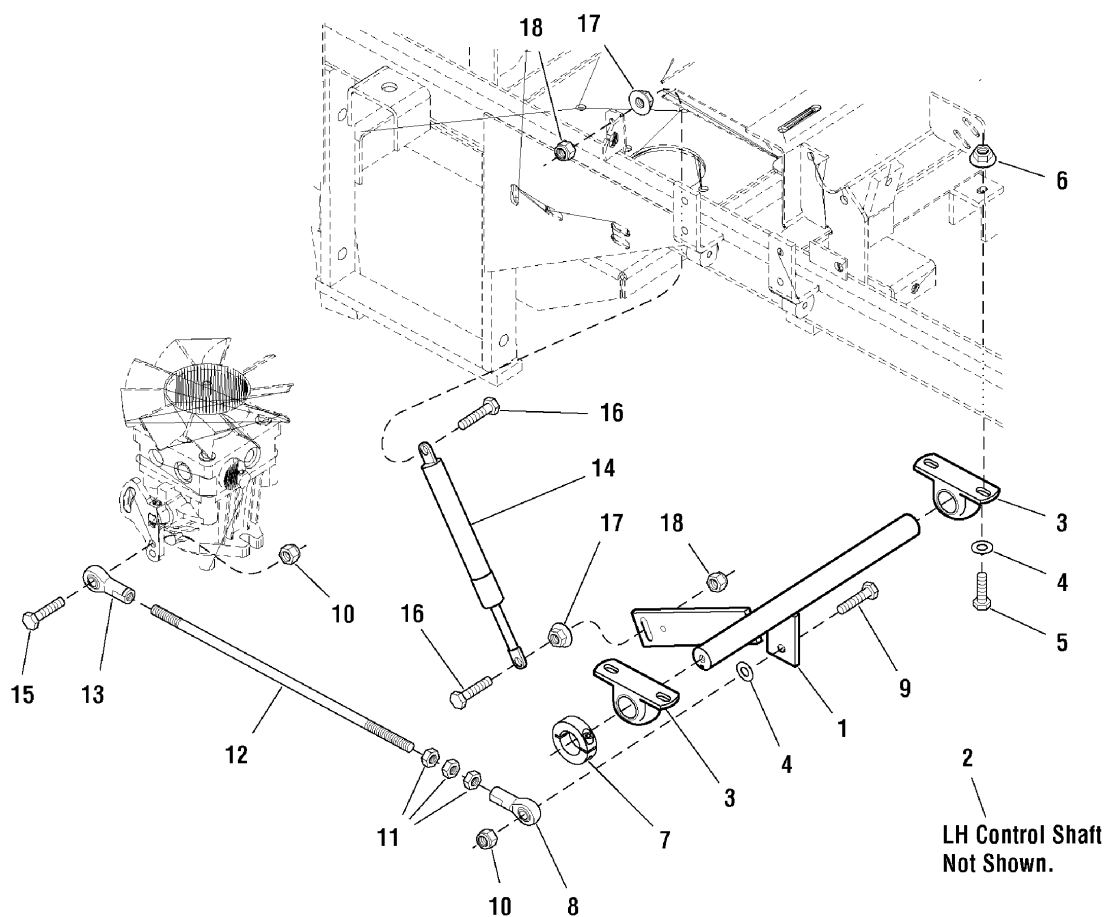
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Motion Control Group - Lower

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Motion Control Group - Lower

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5046405B	1	CONTROL SHAFT-RH
2	5046404B	1	CONTROL SHAFT-LH (Not Shown)
3	5022630	4	BEARING, Pillow Block
4	5025155	10	WASHER, 5/16" SAE
5	5025011X8	8	BOLT, 5/16-18 x 1
6	5025127	8	NUT, 5/16-18 Hex Small Serrated Flange
7	5020602	2	COLLAR, 1" Split
8	5021146	2	BALL JOINT, 5/16-24 Female
9	5025011X10	2	BOLT, 5/16-18 x 1-1/4
10	5025057	4	NUT, 5/16-18 Hex Nylon Lock
11	5025033	6	NUT, 5/16-24 Hex
12	5046420	2	HYDRO LINKAGE ROD
13	5022628	2	BALL JOINT, 5/16-24 LH
14	5022978	2	DAMPENER
15	5025011X9	2	BOLT, 5/16-18 x 1-1/8
16	5025335	4	BOLT, M8 x 35MM
17	5025355	4	NUT, M8-1.25 Hex Serrated Flange
18	5025354	4	NUT, M8-1.25 Hex Nylon Lock

Footnotes

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

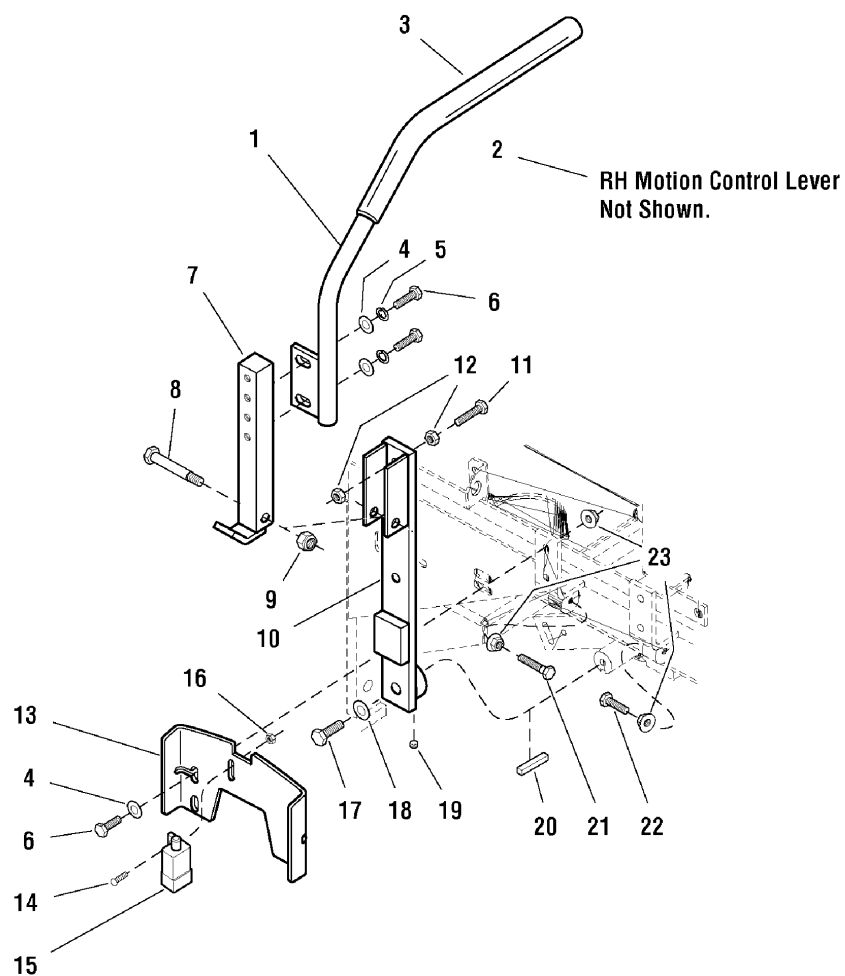
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Motion Control Group - Upper (S/N: 4912 & below)

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Motion Control Group - Upper (S/N: 4912 & below)

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5045913B	1	MOTION CONTROL LEVER-RH
2	5045912B	1	MOTION CONTROL LEVER-LH (Not Shown)
3	5022068	2	GRIP, Foam
4	5025155	12	WASHER, 5/16" SAE
5	5025170	4	WASHER, 5/16" Lock
6	5025011X6	12	BOLT, 5/16-18 x 3/4
7	5049382B	2	CONTROL LEVER BASE
8	5025013X16	2	BOLT, 3/8-16 x 2
9	5025096	2	NUT, 3/8-16 Hex Nylon Lock
10	5046409B	2	CONTROL LEVER MOUNT
11	5025011X8	2	BOLT, 5/16-18 x 1
12	5025032	4	NUT, 5/16-18 Hex
13	5045902B	2	NEUTRAL LOCK PLATE
14	5025270	4	SCREW, #10-24 x 1
15	-	2	SWITCH (see electrical group)
16	25029	4	NUT, #10-24 Hex
17	5025323	2	BOLT, 3/8-16 x 1-1/4 w/ patch
18	5025156	2	WASHER, 3/8" SAE
19	5025278X2	2	SET SCREW, 5/16-18 x 1/4 w/ patch
20	5050407X1	2	KEY, 1/4 SQ. X 1
21	5025011X14	2	BOLT, 5/16-18 x 1-3/4
22	5025011X10	2	BOLT, 5/16-18 x 1-1/4
23	5025127	12	NUT, 5/16-18 Hex Small Serrated Flange

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

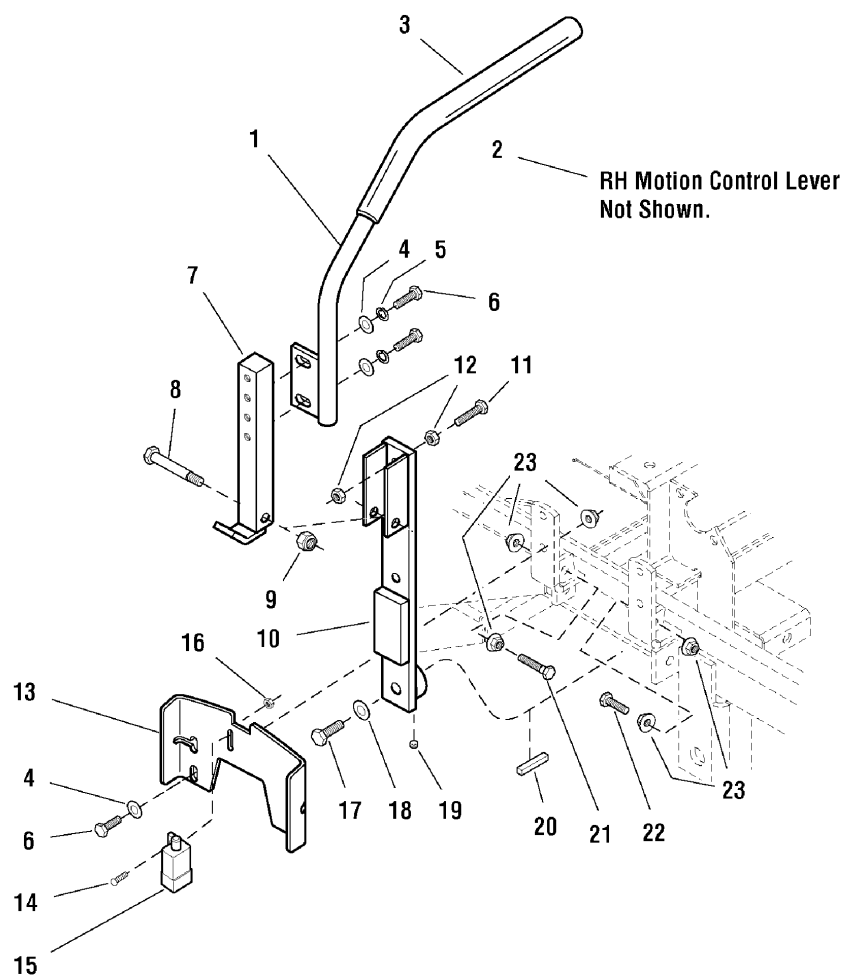
5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Motion Control Group - Upper (S/N: 4913 & above)

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Motion Control Group - Upper (S/N: 4913 & above)

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5045913B	1	MOTION CONTROL LEVER-RH
2	5045912B	1	MOTION CONTROL LEVER-LH (Not Shown)
3	5022068	2	GRIP, Foam
4	5025155	12	WASHER, 5/16" SAE
5	5025170	4	WASHER, 5/16" Lock
6	5025011X6	12	BOLT, 5/16-18 x 3/4
7	5049382B	2	CONTROL LEVER BASE
8	5025013X16	2	BOLT, 3/8-16 x 2
9	5025096	2	NUT, 3/8-16 Hex Nylon Lock
10	5046409B	2	CONTROL LEVER MOUNT
11	5025011X8	2	BOLT, 5/16-18 x 1
12	5025032	4	NUT, 5/16-18 Hex
13	5061842B	2	NEUTRAL LOCK PLATE
14	5025270	4	SCREW, #10-24 x 1
15	-	2	SWITCH (see electrical group)
16	25029	4	NUT, #10-24 Hex
17	5025323	2	BOLT, 3/8-16 x 1-1/4 w/ patch
18	5025156	2	WASHER, 3/8" SAE
19	5025278X2	2	SET SCREW, 5/16-18 x 1/4 w/ patch
20	5050407X1	2	KEY, 1/4 SQ. X 1
21	5025011X14	2	BOLT, 5/16-18 x 1-3/4
22	5025011X10	2	BOLT, 5/16-18 x 1-1/4
23	5025127	16	NUT, 5/16-18 Hex Small Serrated Flange

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

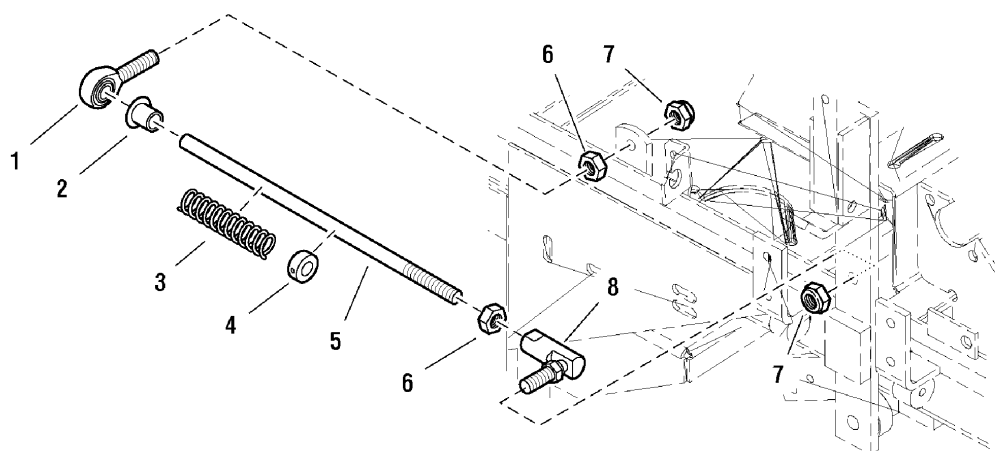
5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Neutral Return Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Neutral Return Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5021124	2	BALL JOINT, 3/8-24 Male
2	5023260	2	BUSHING
3	5022645	2	SPRING, Compression
4	5010546	2	COLLAR, 3/8" Set
5	5049232	2	NEUTRAL CONTROL ROD
6	5025035	4	NUT, 3/8-24 Hex
7	5025097	4	NUT, 3/8-24 Hex Nylon Lock
8	5020805	2	BALL JOINT, 3/8" Female Studded

Footnotes

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

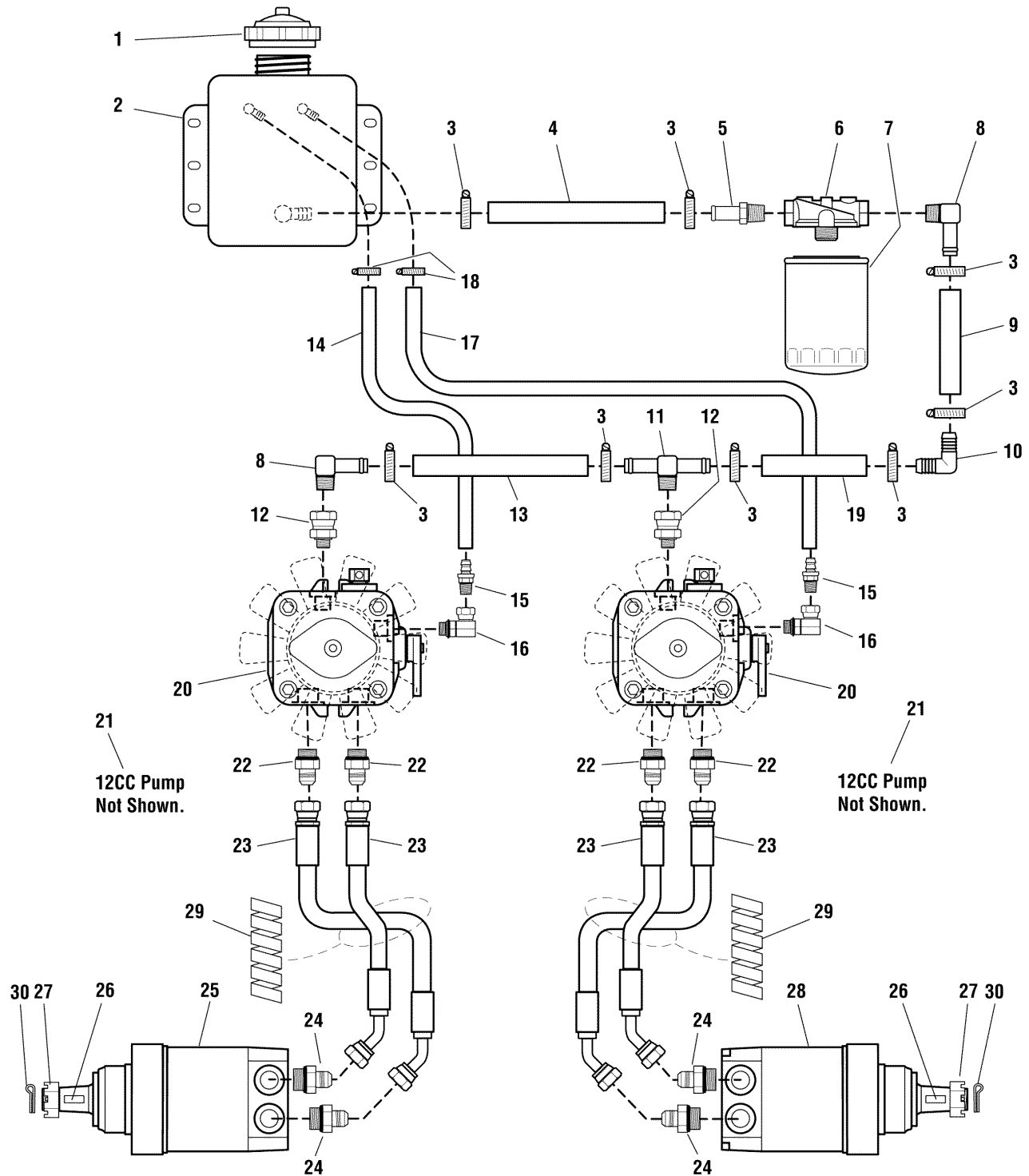
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Hydraulic Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Hydraulic Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5023191	1	CAP, Hydraulic Oil Only
2	5022636	1	RESERVOIR
3	5021164	8	CLAMP, #10 Hose
4	5050848X11	1	HOSE, Hydraulic, 11"
5	5022635	1	FITTING, 1/2" NPT, Straight
6	5021356	1	FILTER HEAD
7	5021357	1	FILTER
8	5021233	2	FITTING, 1/2" NPT, 90 Deg.
9	5050848X3P5	1	HOSE, Hydraulic, 3-1/2"
10	5021395	1	FITTING, 5/8", 90 Deg.
11	5022364	1	FITTING, 1/2" NPT, Tee
12	5022365	2	FITTING, Straight Swivel
13	5050848X12	1	HOSE, Hydraulic, 12"
14	5050860X16	1	HOSE, Hydraulic, 16"
15	5022106	2	FITTING, 1/4" NPT, Straight
16	5022052	2	FITTING, O-Ring, 90 Deg. Swivel
17	5050860X24	1	HOSE, Hydraulic, 24"
18	5021392	2	CLAMP, #6 Hose
19	5050848X3	1	HOSE, Hydraulic, 3"
20	5022571	2	HYDRAULIC PUMP, 10CC, w/ FAN
21	5023431	2	HYDRAULIC PUMP, 12CC, w/ FAN (Liquid Cooled Model, Not Shown)
22	5022633	4	FITTING, O-Ring Adapter
23	5022887	4	HYDRAULIC HOSE ASSEMBLY
24	5022634	4	FITTING, O-Ring Adapter
25	5022660L	1	HYDRAULIC WHEEL MOTOR-LEFT, Complete (Includes Ref No. 26 & 27)
26	5022042X2	2	KEY
27	5022042X3	2	NUT, CASTLE, 1-20
28	5022660R	1	HYDRAULIC WHEEL MOTOR-RIGHT, Complete (Includes Ref No. 26 & 27)
29	5050837X12	2	PROTECTIVE COIL, 12"
30	5025203X16	2	PIN, COTTER, 1/8" X 2"

Footnotes

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

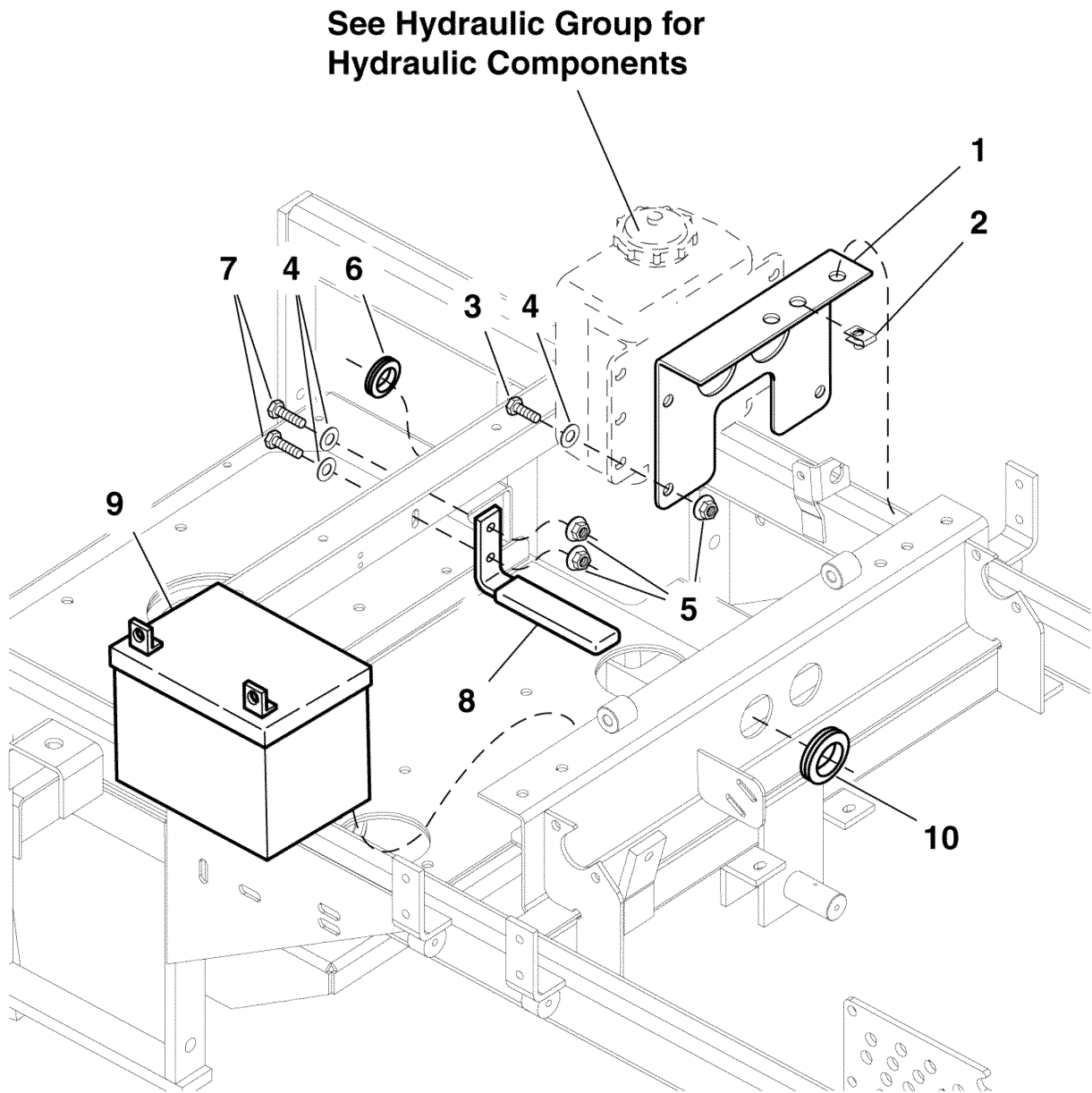
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Reservoir Mount & Battery Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Reservoir Mount & Battery Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5046397B	1	MOUNT, Reservoir
2	5022649	3	BODY CLIP, 3/8-16
3	5025011X6	4	BOLT, 5/16-18 x 3/4
4	5025155	6	WASHER, 5/16" SAE
5	5025127	6	NUT, 5/16-18 Hex Small Serrated Flange
6	5021379	1	GROMMET, 7/8"
7	5025011X8	2	BOLT, 5/16-18 x 1
8	5401409	1	ASSM, Battery Retainer
9	-	1	BATTERY, Lawn & Garden, 12V (BCIU1, 340 CCA)
10	5023183	1	GROMMET, 3"

Footnotes

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

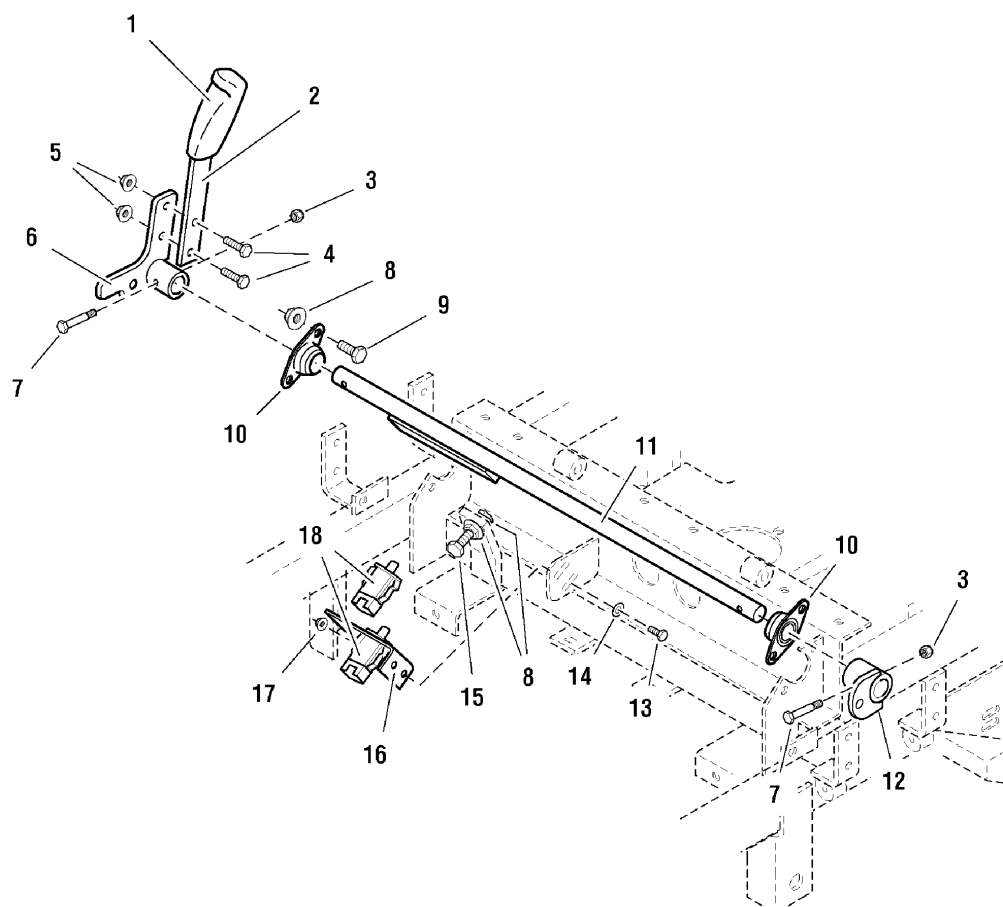
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

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.:

5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Parking Brake Group-Upper

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1722302	1	GRIP
2	5045619B	1	BRAKE HANDLE
3	5025095	2	NUT, 1/4-20 Hex Nylon Lock
4	5025011X8	2	BOLT, 5/16-18 x 1
5	5025127	2	NUT, 5/16-18 Hex Small Serrated Flange
6	5045616B	1	BRAKE HANDLE MOUNT
7	5025010X14	2	BOLT, 1/4-20 x 1-3/4
8	5025128	6	NUT, 3/8-16 Hex Serrated Flange
9	5025013X6	4	BOLT, 3/8-16 x 3/4
10	5021098	2	BEARING, Flange
11	5045610B	1	BRAKE HANDLE SHAFT
12	5045618B	1	BRAKE LINKAGE PIVOT
13	5025010X6	2	BOLT, 1/4-20 x 3/4
14	5025154	2	WASHER, 1/4" SAE
15	5025058X14	1	BOLT, 3/8-16 x 1-3/4 TFL
16	5045621B	1	SWITCH MOUNT BRACKET
17	5025126	2	NUT, 1/4-20 Hex Serrated Flange
18	-	*	SWITCH (see electrical group)

Footnotes

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

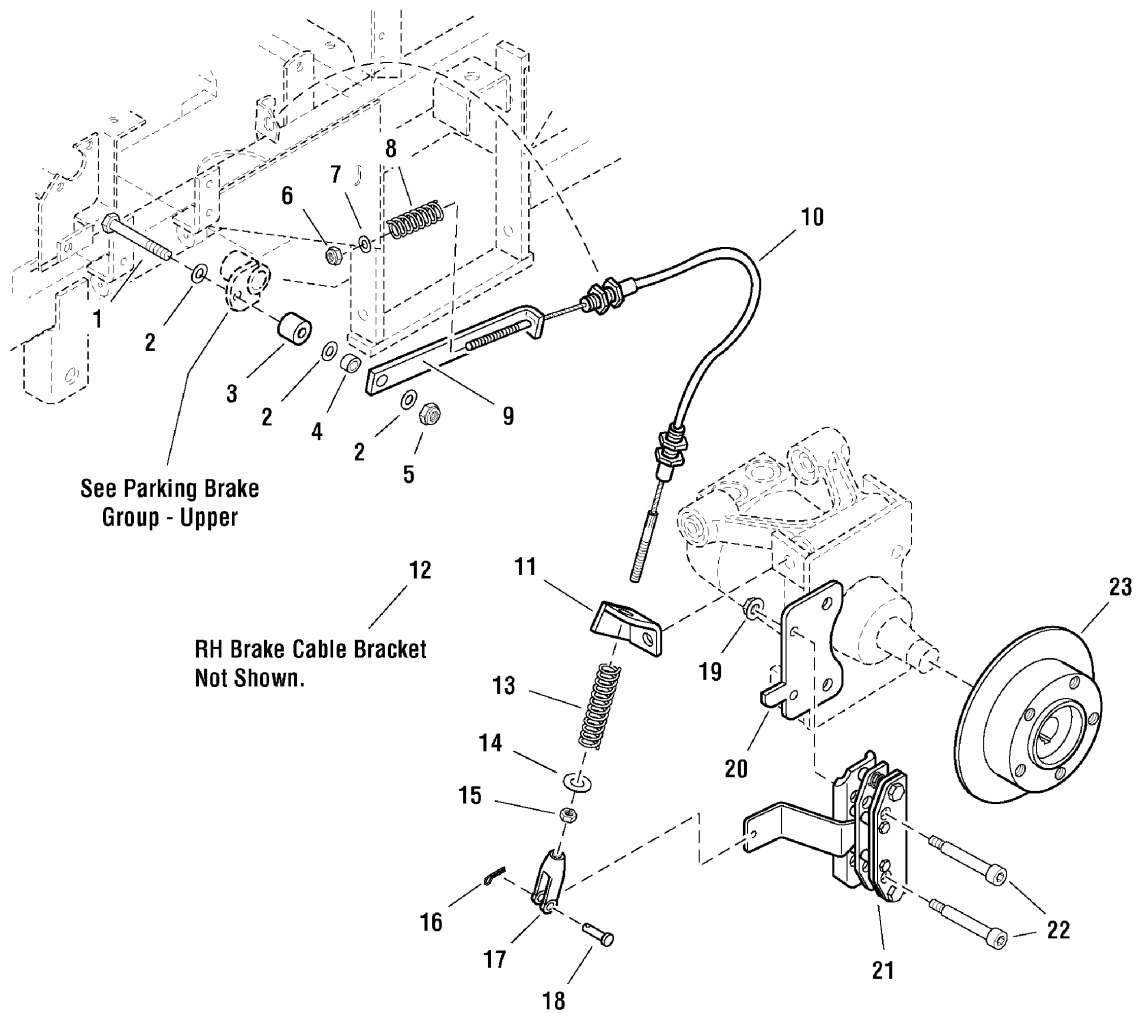
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

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.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Parking Brake Group-Lower

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5025013X18	2	BOLT, 3/8-16 x 2-1/4
2	5025156	6	WASHER, 3/8" SAE
3	5047125	2	SPACER, .39 x 1.00 x .88
4	5041930	2	SPACER, .38 x .50 x .27
5	5025096	2	NUT, 3/8-16 Hex Nylon Lock
6	5025045	2	NUT, 5/16-24, Hex Nylon Lock
7	5025155	2	WASHER, 5/16" SAE
8	5022361	2	SPRING, Compression
9	5045633B	2	LINK, Brake Lock
10	5023324	2	CABLE, Brake
11	5061405B	1	BRACKET, Brake Cable -LH
12	5061404B	1	BRACKET, Brake Cable -RH (Not Shown)
13	5023320	2	SPRING, Compression
14	5025164	2	WASHER, 5/16" Fender
15	5025033	6	NUT, 5/16-24 Hex
16	5025203X10	2	COTTER PIN, 1/8" X 1-1/4"
17	5023323	2	CLEVIS, Steel, 5/16-24
18	5025213X8	2	CLEVIS PIN, 5/16 x 1
19	5025128	4	NUT, 3/8-16 Hex Serrated Flange
20	5049391A	2	BRAKE CALIPER MOUNT
21	5023299	2	BRAKE CALIPER
22	25400	4	SHOULDER BOLT, 1/2" x 2-3/4"
23	5023300	2	BRAKE HUB

Footnotes

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

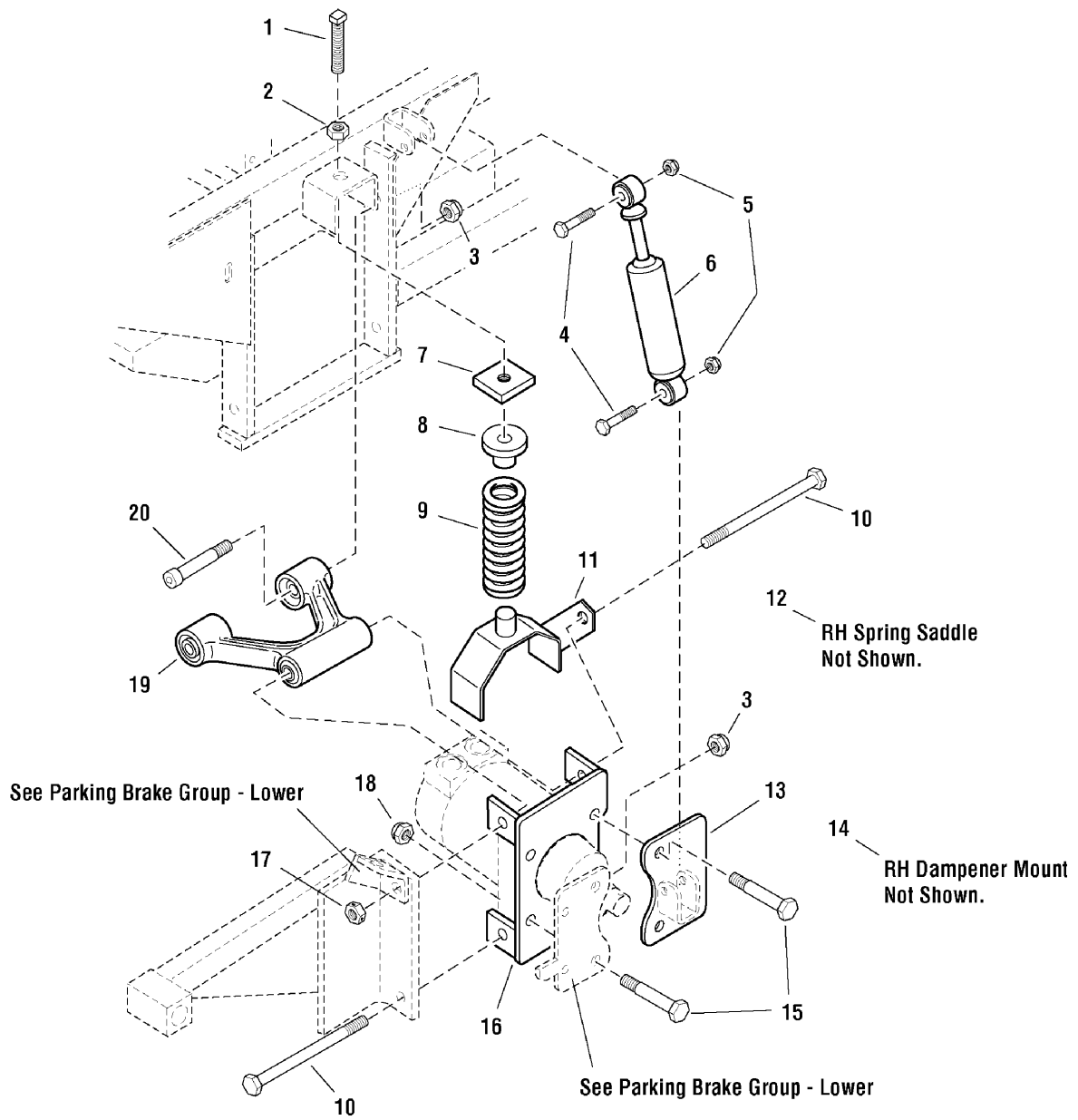
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Rear Suspension Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Rear Suspension Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5025298	2	SET SCREW, Square Head, 1/2-13 x 3
2	5025301	2	NUT, 1/2-13 Hex Jam
3	5025056	10	NUT, 1/2-13 Hex Nylon Lock
4	5025013X16	4	BOLT, 3/8-16 x 2
5	5025096	4	NUT, 3/8-16 Hex Nylon Lock
6	5022912	2	DAMPENER
7	5045904	2	SPRING COMPRESSION PLATE
8	5045898	2	SPRING RETAINER
9	5061182	2	SPRING, Compression
10	5025017X52	4	BOLT, 1/2-13 x 6-1/2
11	5045601B	1	SPRING SADDLE-LH
12	5045602B	1	SPRING SADDLE-RH (Not Shown)
13	5061396B	1	DAMPENER MOUNT - LH
14	5061397B	1	DAMPENER MOUNT - RH (Not Shown)
15	5025018X24	8	BOLT, 1/2-20 x 3
16	5045588B	2	WHEEL MOTOR MOUNT
17	5025332	2	NUT, 1/2-13 Hex Side Lock
18	5025098	8	NUT, 1/2-20 Hex Nylon Lock
19	5061178	4	CAST A-ARM
20	5025294	8	BOLT, Allen Head, 1/2-13 x 3

Footnotes

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

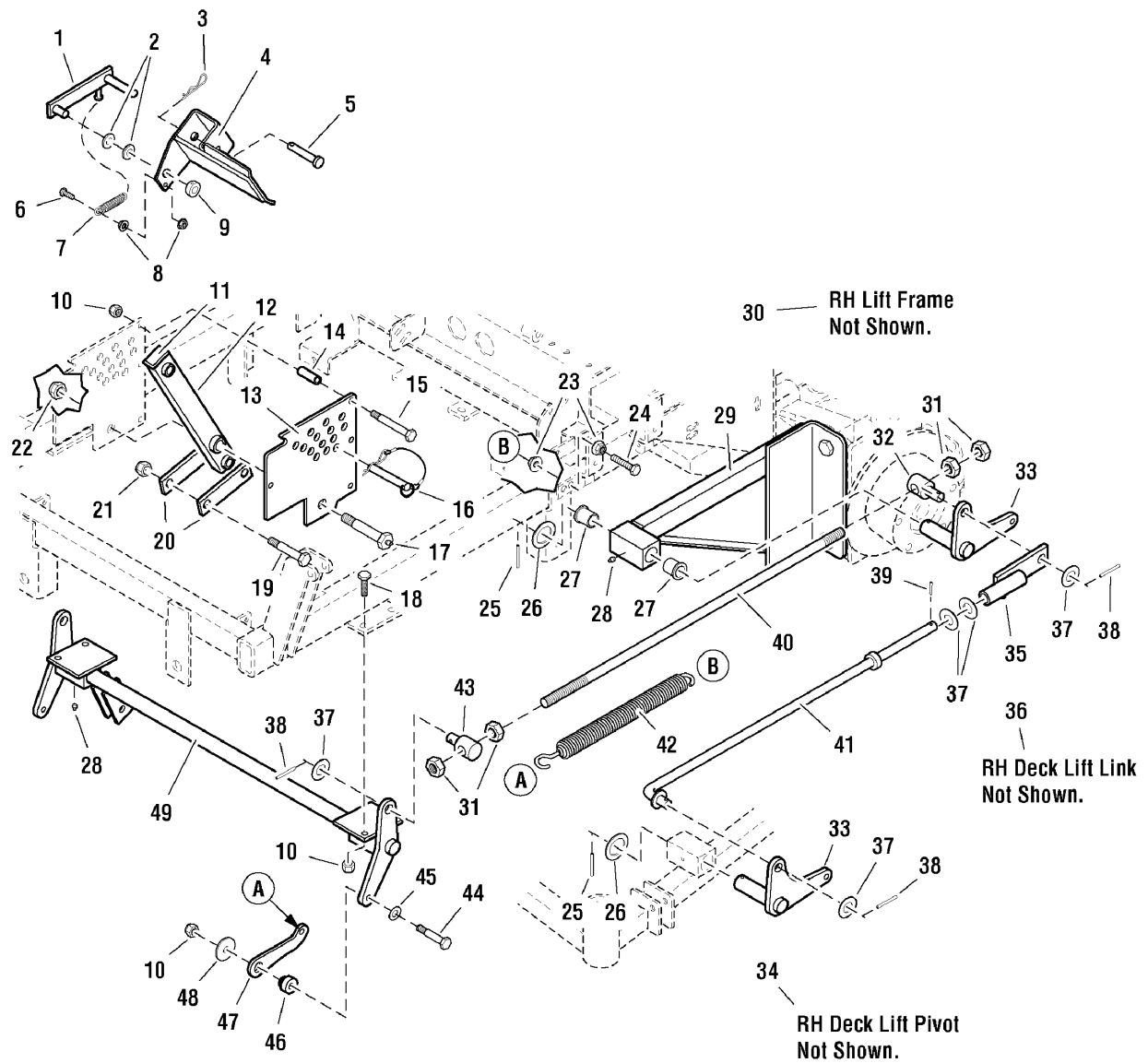
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Deck Lift Group (S/N: 4912 & below)

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Deck Lift Group (S/N: 4912 & below)

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061232B	1	DECK LIFT LOCK
2	5025158	2	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	5061307B	1	DECK HEIGHT PLATE
14	5044992	4	SPACER, .38 x .50 x 1.56
15	5025013X22	4	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	5044994B	2	DECK LIFT LINK
21	5025098	2	NUT, 1/2-20 Hex Nylon Lock
22	5025282	1	NUT, 5/8-11 Hex Jam Nylon Lock
23	5025128	4	NUT, 3/8-16 Hex Serrated Flange
24	5025058X14	2	BOLT, 3/8-16 x 1-3/4 TFL
25	5025516	4	PIN, Roll, 3/16 x 1-1/2
26	5021253	4	SHIM
27	5023343	4	BUSHING, Flange
28	5020095	6	GREASE FITTING
29	5061319B	1	LIFT FRAME ASSEMBLY - LH, Complete (Includes Ref No. 27)
30	5061318B	1	LIFT FRAME ASSEMBLY - RH, Complete (Includes Ref No. 27, Not Shown)
31	5025040	8	NUT, 5/8-11 Hex
32	5047446	2	SPRING ROD PIVOT
33	5045449B	2	DECK LIFT PIVOT - LH
34	5045450B	2	DECK LIFT PIVOT - RH (Not Shown)
35	5047522B	1	DECK LIFT LINK - LH
36	5047523B	1	DECK LIFT LINK - RH (Not Shown)
37	5025281	10	WASHER, 5/8" SAE
38	5022366	4	PIN, Spring, 3/16 x 1-1/4
39	5025316	2	PIN, Roll, 3/16 x 3/4
40	5061304	2	DECK ADJUSTMENT ROD
41	5047761	2	DECK LIFT ROD

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

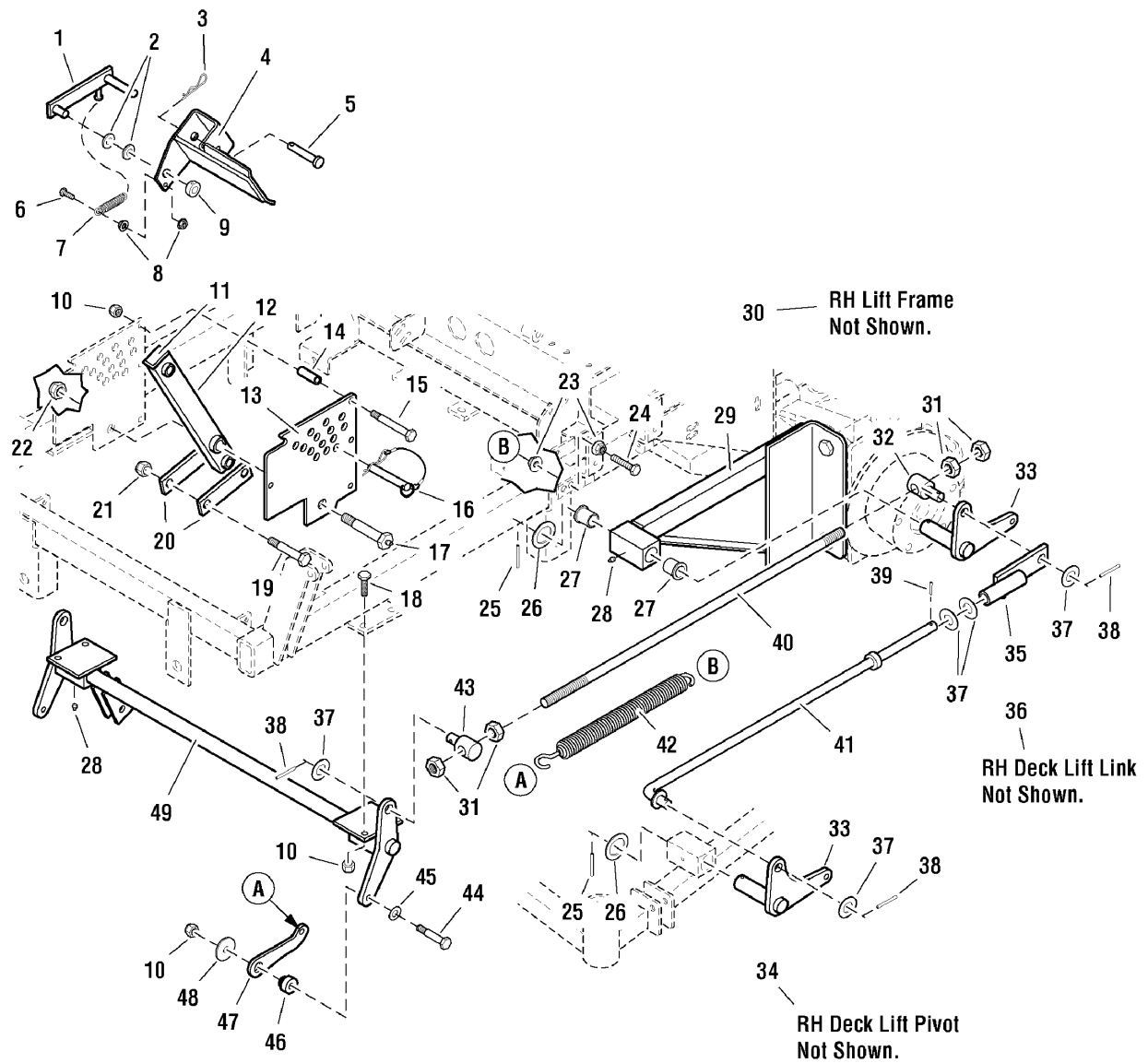
5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Deck Lift Group (S/N: 4912 & below)

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Deck Lift Group (S/N: 4912 & below)

REF NO.	PART NO.	QTY.	DESCRIPTION
42	5023355	2	DECK LIFT SPRING
43	5045447	2	SPRING ROD PIVOT
44	5025013X16	2	BOLT, 3/8-16 x 2
45	5025156	2	WASHER, 3/8" SAE
46	5061227	2	DECK PIVOT BUSHING
47	5061224B	2	SPRING LINK
48	5025326	2	WASHER, 3/8 x 2
49	5061222B	1	DECK LIFT SHAFT & MOUNT ASSEMBLY

Footnotes

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

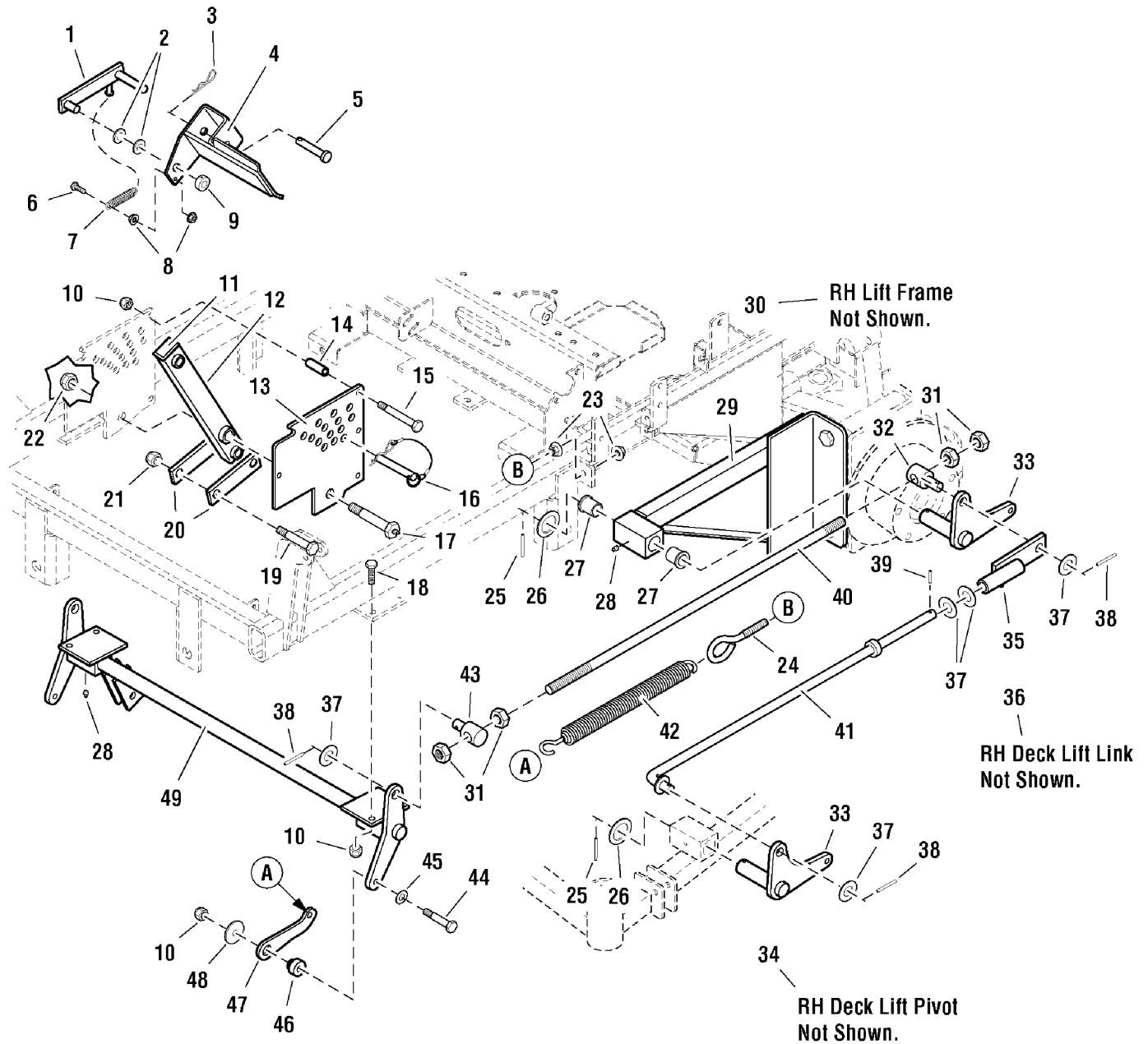
5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Deck Lift Group (S/N: 4913 & above)

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Deck Lift Group (S/N: 4913 & above)

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061232B	1	DECK LIFT LOCK
2	5025158	2	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	5061307B	1	DECK HEIGHT PLATE
14	5044992	4	SPACER, .38 x .50 x 1.56
15	5025013X22	4	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	5044994B	2	DECK LIFT LINK
21	5025098	2	NUT, 1/2-20 Hex Nylon Lock
22	5025282	1	NUT, 5/8-11 Hex Jam Nylon Lock
23	5025128	4	NUT, 3/8-16 Hex Serrated Flange
24	5025417	2	EYEBOLT, 3/8-16 x 1-1/2
25	5025516	4	PIN, Roll, 3/16 x 1-1/2
26	5020929	4	SHIM, 1.0 X 1.5 X 0.125
27	5023343	4	BUSHING, Flange
28	5020095	6	GREASE FITTING
29	5061319B	1	LIFT FRAME ASSEMBLY - LH, Complete (Includes Ref No. 27)
30	5061318B	1	LIFT FRAME ASSEMBLY - RH, Complete (Includes Ref No. 27, Not Shown)
31	5025040	8	NUT, 5/8-11 Hex
32	5047446	2	SPRING ROD PIVOT
33	5045449B	2	DECK LIFT PIVOT - LH
34	5045450B	2	DECK LIFT PIVOT - RH (Not Shown)
35	5047522B	1	DECK LIFT LINK - LH
36	5047523B	1	DECK LIFT LINK - RH (Not Shown)
37	5025281	10	WASHER, 5/8" SAE
38	5022366	4	PIN, Spring, 3/16 x 1-1/4
39	5025316	2	PIN, Roll, 3/16 x 3/4
40	5061304	2	DECK ADJUSTMENT ROD
41	5047761	2	DECK LIFT ROD

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

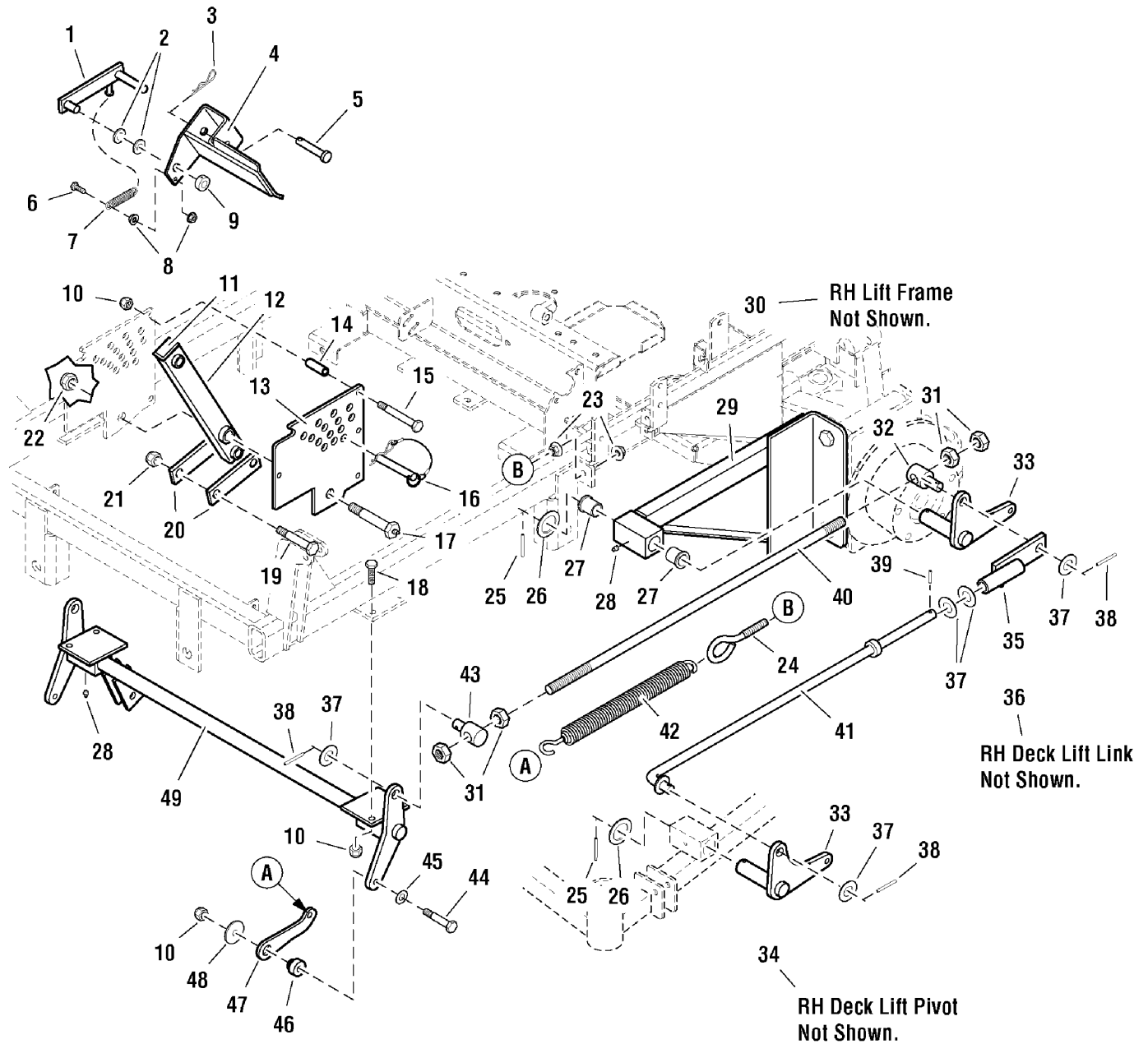
5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Deck Lift Group (S/N: 4913 & above)

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Deck Lift Group (S/N: 4913 & above)

REF NO.	PART NO.	QTY.	DESCRIPTION
42	5023355	2	DECK LIFT SPRING
43	5045447	2	SPRING ROD PIVOT
44	5025013X16	2	BOLT, 3/8-16 x 2
45	5025156	2	WASHER, 3/8" SAE
46	5061227	2	DECK PIVOT BUSHING
47	5061224B	2	SPRING LINK
48	5025326	2	WASHER, 3/8 x 2
49	5061222B	1	DECK LIFT SHAFT & MOUNT ASSEMBLY

Footnotes

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

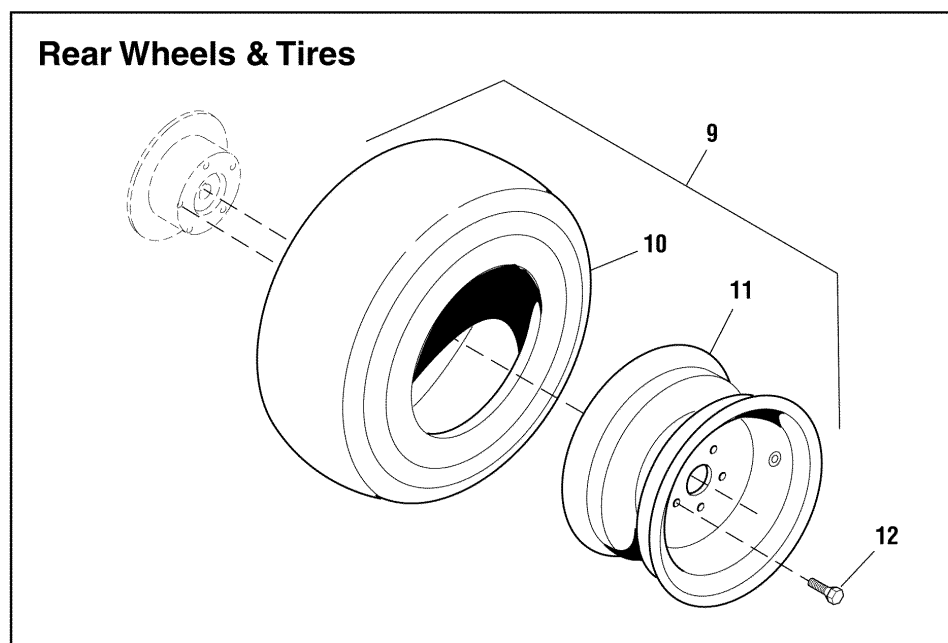
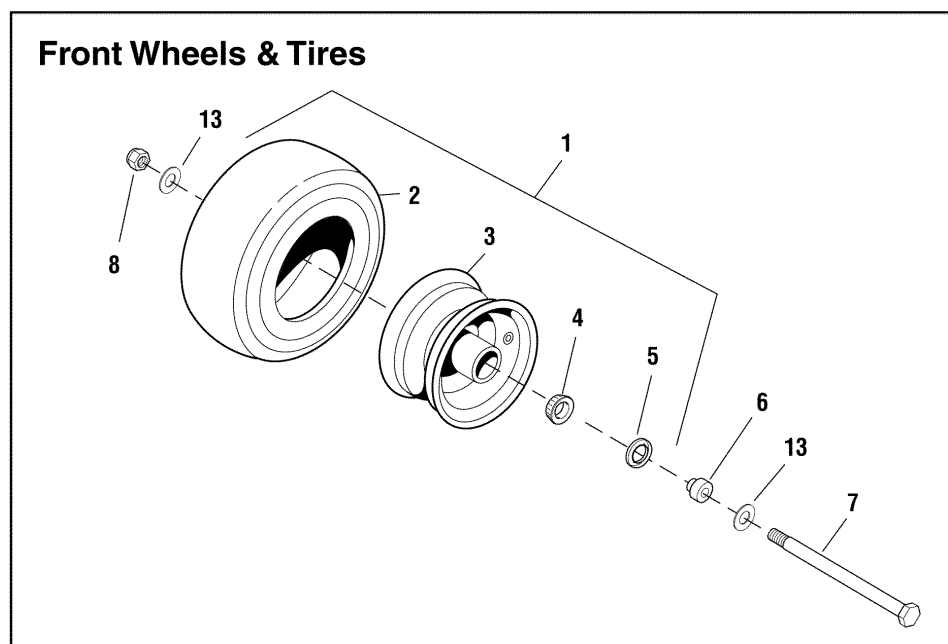
5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

Wheels & Tires Group

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Wheels & Tires Group

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	5023365	2	WHEEL & TIRE ASSEMBLY, 24 x 12 x 12, Complete (Includes Ref No. 10 & 11)
10	5023240X1	2	TIRE, Rear, 24 x 12 x 12
11	5023364	2	WHEEL ASSEMBLY, 12 x 8.5
12	5022215	10	WHEEL LUG, 1/2 x 1-5/8

Footnotes

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

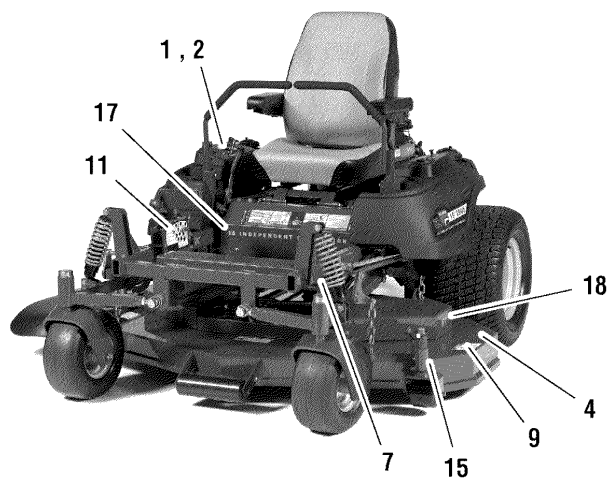
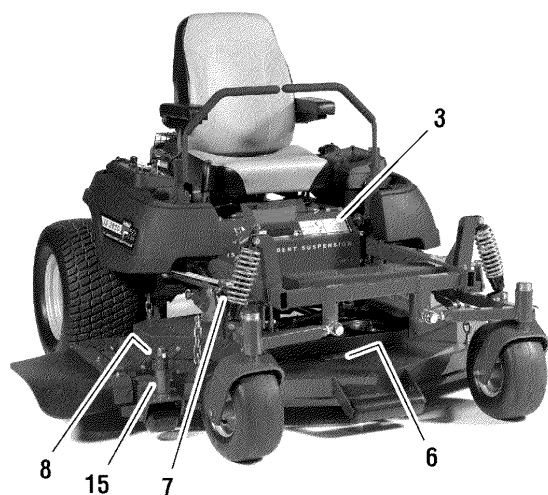
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Replacement Decals

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



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- 17 **IS INDEPENDENT SUSPENSION**
- 18 **61"**

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

5901055 (S/N: 3631 & above) (IS3000ZFK)
 5901060 (S/N: 3631 & above) (IS3000ZXK)
 5901059 (IS3000ZLKAV2661)

Replacement Decals

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5049199	1	DECAL, Control Panel
2	5061500	1	DECAL, Control Panel (Liquid Cooled Model)
3	5061105	1	DECAL, Main w/ Fuel
4	5049658	1	DECAL, Danger
5	5022143	2	DECAL, Danger, Rotating
6	5020337	1	DECAL, Warning
7	5061245	2	DECAL, Pinch Point
8	1704277	1	DECAL, Danger (Chute In Place)
9	1704276	1	DECAL, Danger (Hand Under Deck)
10	5046481	1	DECAL, Caution Fan
11	5022063	1	DECAL, Deck Height
12	5045562	1	DECAL, Hydro Release Valve
13	5045923	1	DECAL, Oil Reservoir
14	5045911	1	DECAL, Max. Oil Level
15	5021036	2	DECAL, Grease Daily
16	5046503	1	DECAL, Fuse Location
17	5022555	1	DECAL, IS Independent Suspension
18	5022813	1	DECAL, 61"

Footnotes

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

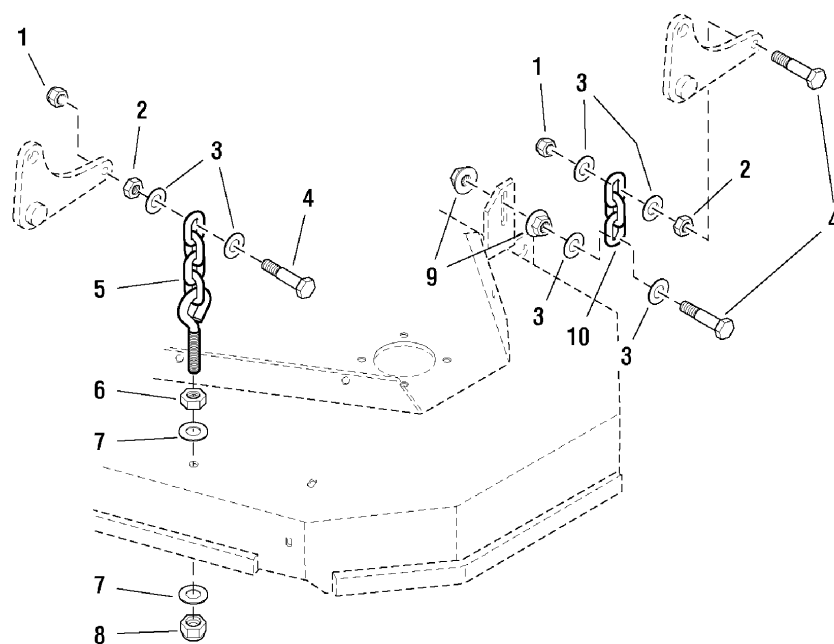
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

61" Mower Deck - Hanger Chains

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

61" Mower Deck - Hanger Chains

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5025096	12	NUT, 3/8-16 Hex Nylon Lock
2	5025084	4	NUT, 3/8-16 Hex Jam
3	5025156	12	WASHER, 3/8" SAE
4	5025013X14	6	BOLT, 3/8-16 x 1-3/4
5	5045026	2	FRONT DECK HANGER
6	5025038	2	NUT, 1/2-13 Hex
7	5025158	4	WASHER, 1/2" SAE
8	5025056	2	NUT, 1/2-13 Hex Nylon Lock
9	5025128	4	NUT, 3/8-16 Hex Serrated Flange
10	5050878X3	2	CHAIN, 3 LINKS

Footnotes

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

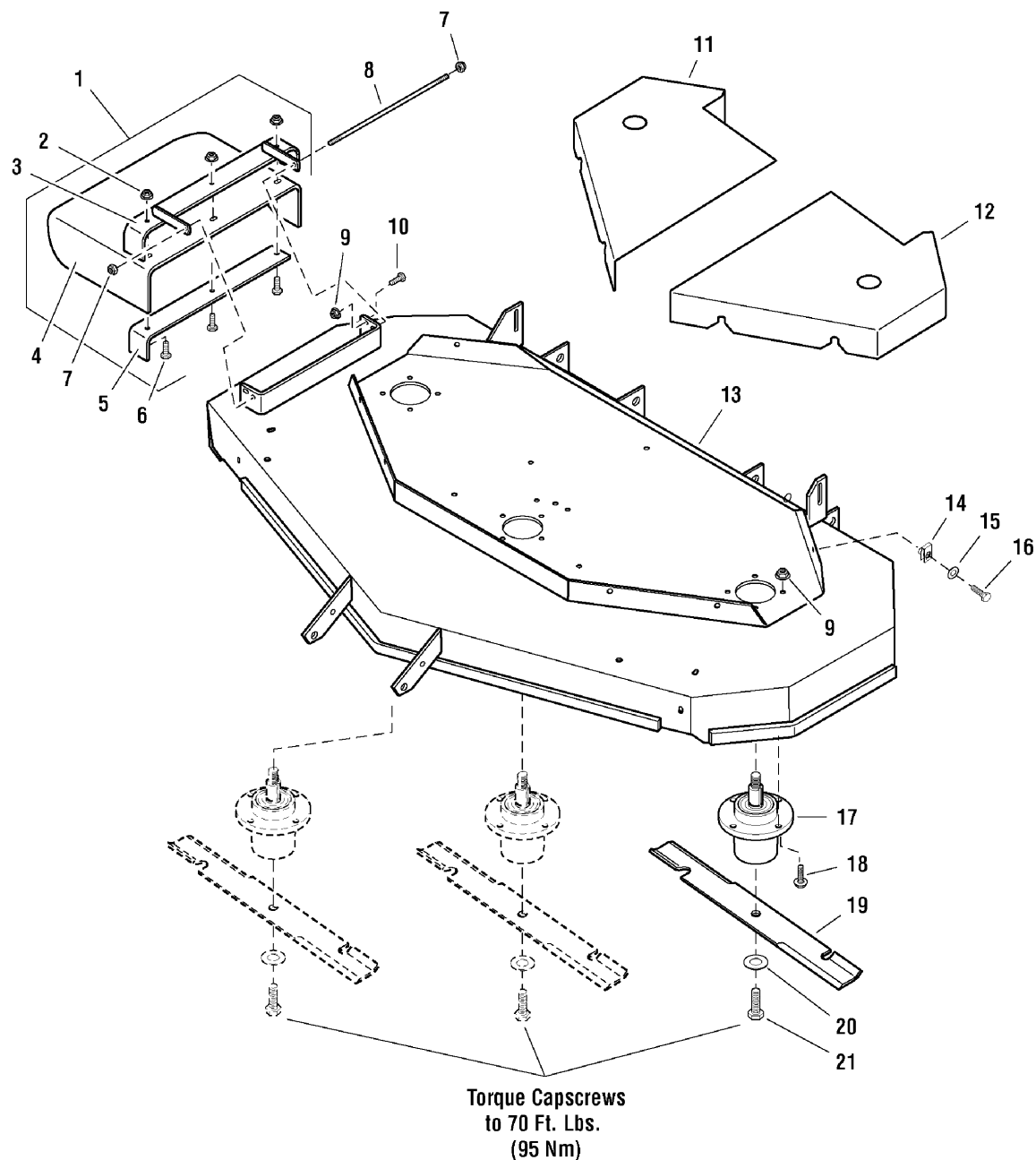
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

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.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

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

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061288B	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	5100525	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	5061450B	1	SPINDLE COVER - RH
12	5061451B	1	SPINDLE COVER - LH
13	5661333	1	DECK SHELL W/DECALS, 61" (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 (See Spindle Service Parts Group)
18	5023156	12	BOLT, Flange Head, 5/16-18 x 1-1/4
19	5020842	3	MOWER BLADE, 21"
20	5025477	3	WASHER, 5/8" GRADE 8, YZ
21	5025320X14	3	BOLT, 5/8-11 x 1-3/4

Footnotes

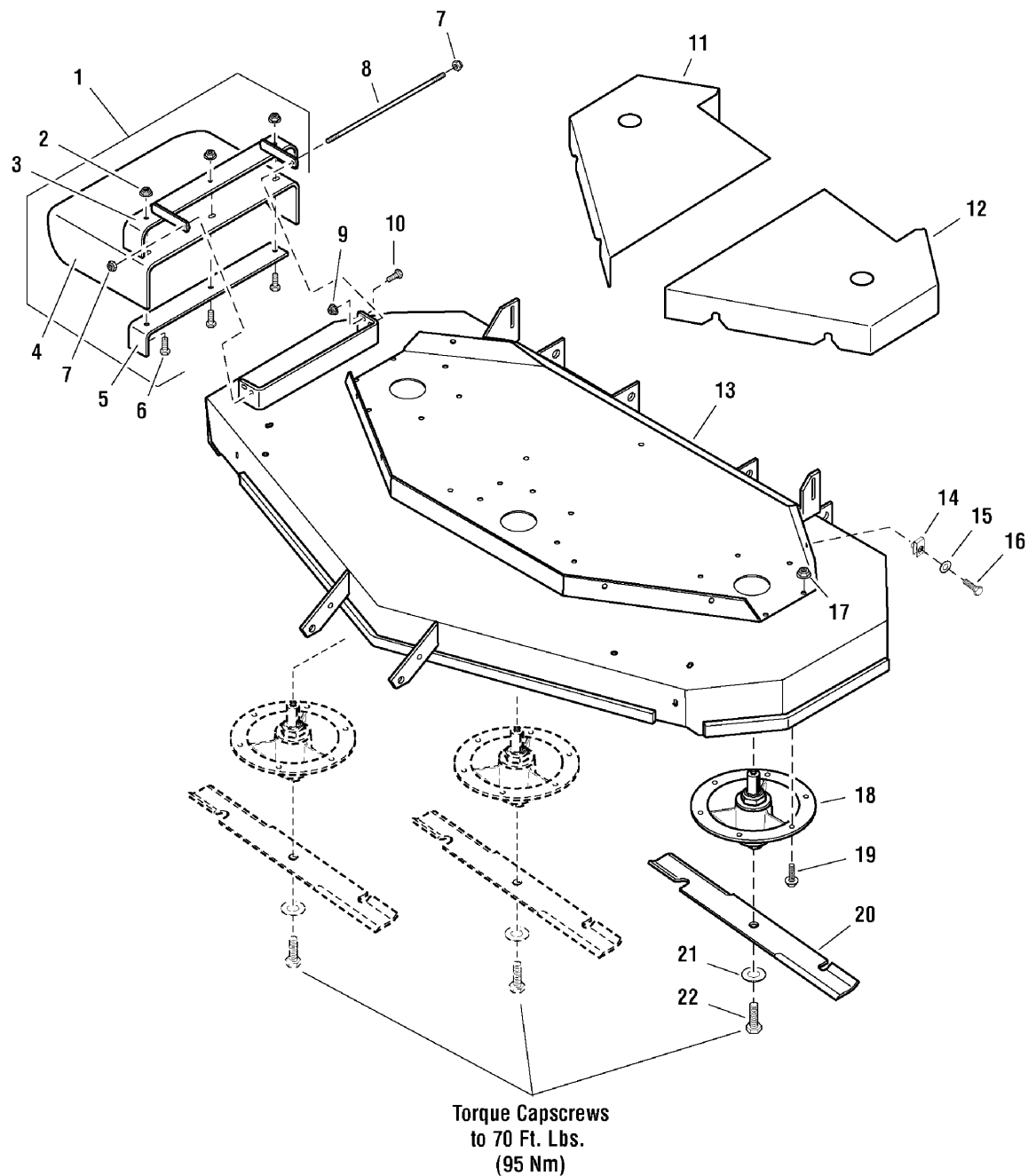
The above parts group applies to the following Mfg. Nos.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

61" Mower Deck - Housing, Covers, Spindles & Blades - Liquid Cooled Model

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



The above parts group applies to the following Mfg. Nos.:
5901059 (IS3000ZLKAV2661)

61" Mower Deck - Housing, Covers, Spindles & Blades - Liquid Cooled Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061288B	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	1	NUT, 5/16-18 Hex Nylock Flange
10	5025411	1	BOLT, Flange Head, 5/16-18 x 3/4
11	5061450B	1	SPINDLE COVER - RH
12	5061451B	1	SPINDLE COVER - LH
13	5600045	1	DECK SHELL W/DECALS, 61" SIDE DISCHARGE (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	5025394	18	NUT, 3/8-16 Hex Nylock Flange
18	5049438	3	SPINDLE ASSEMBLY, Complete
19	5025390X10	18	BOLT, Flange Head, 3/8-16 x 1-1/4
20	5020842	3	MOWER BLADE, 21"
21	5025477	3	WASHER, 5/8" GRADE 8, YZ
22	5025320X14	3	BOLT, 5/8-11 x 1-3/4

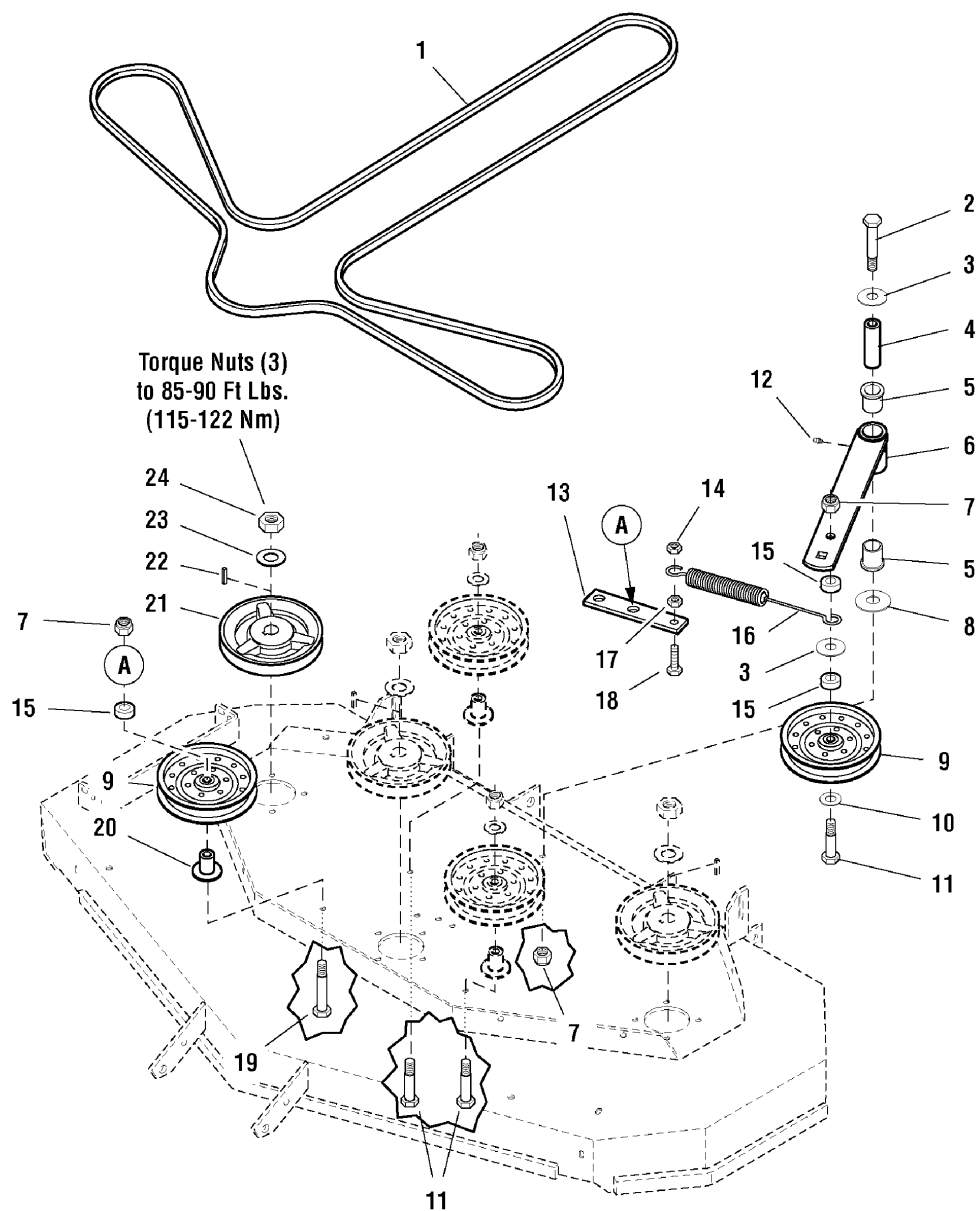
Footnotes

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

5901059 (IS3000ZLKAV2661)

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.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

61" Mower Deck - Pulleys, Belt & Idler Arm

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022061	1	BELT, 61" Deck
2	5025017X36	1	BOLT, 1/2-13 x 4-1/2
3	5025150	2	WASHER, 1/2" USS
4	5045022	1	SPACER, .52 x 1.00 x 3.50
5	5021541	2	BUSHING, Flange
6	5061305B	1	IDLER ARM
7	5025056	5	NUT, 1/2-13 Hex Nylon Lock
8	5025281	1	WASHER, 5/8" SAE
9	5021976	4	PULLEY, Idler
10	5025158	4	WASHER, 1/2" SAE
11	5025017X24	3	BOLT, 1/2-13 x 3
12	5020095	1	GREASE FITTING
13	5061226B	1	MOUNT, Idler Spring
14	5025046	1	NUT, 3/8-16 Hex Top Lock
15	5045023	3	SPACER, .52 x 1.00 x .44
16	5023340	1	SPRING, Extension, Swivel End
17	5025034	1	NUT, 3/8-16 Hex
18	5025013X10	1	BOLT, 3/8-16 x 1-1/4
19	5025017X28	1	BOLT, 1/2-13 x 3-1/2
20	5046434B	3	IDLER PULLEY MOUNT
21	5046466	3	SPINDLE PULLEY
22	5050407X5	3	KEY, 1/4 SQ. X 1-1/4
23	5025406	3	WASHER, 3/4" Belleville (Included with Spindle Assembly #61095)
24	5025405	3	NUT, 3/4-16 Hex (Included with Spindle Assembly #61095)

Footnotes

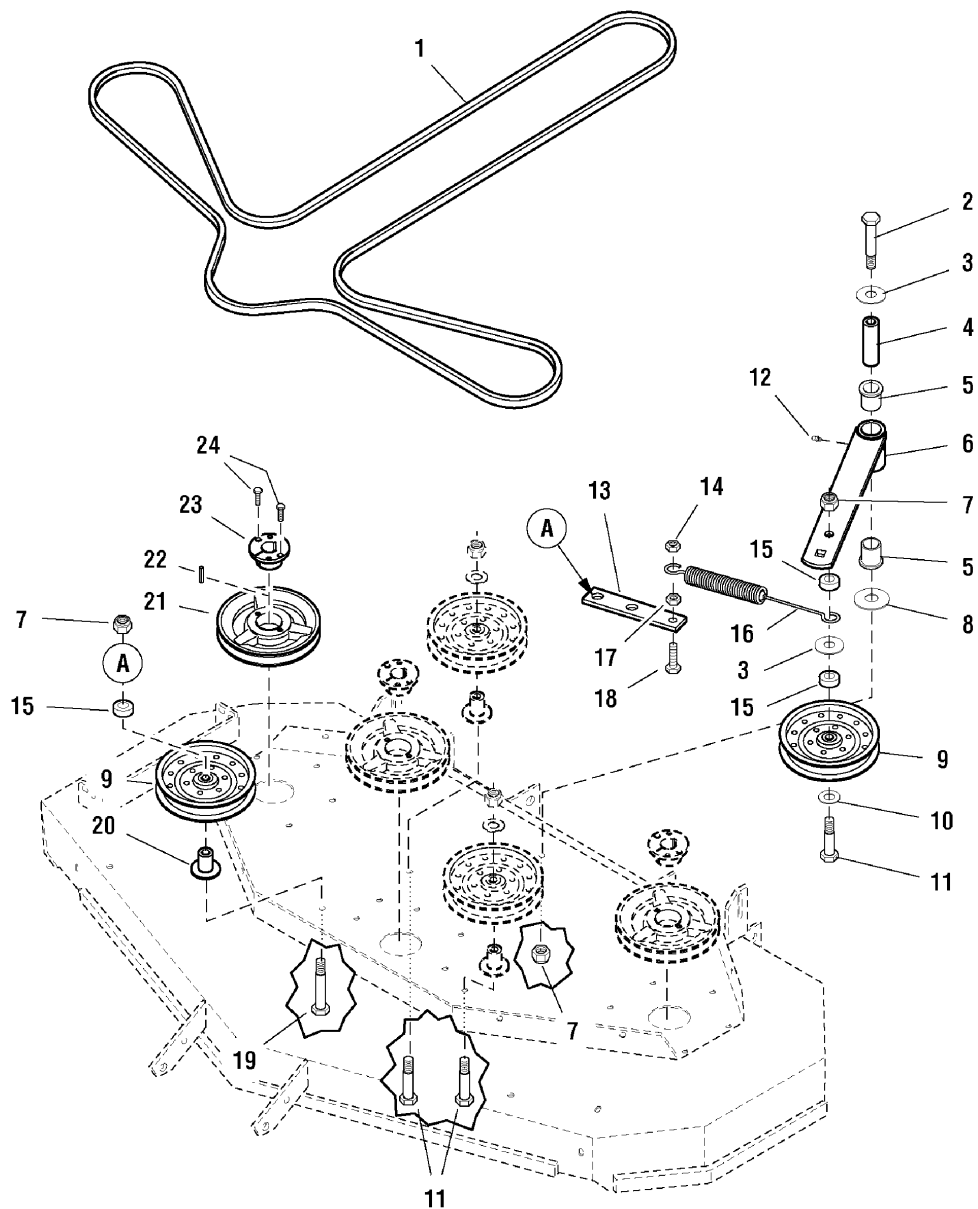
The above parts group applies to the following Mfg. Nos.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

61" Mower Deck - Pulleys, Belt & Idler Arm - Liquid Cooled Model

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



The above parts group applies to the following Mfg. Nos.:
5901059 (IS3000ZLKAV2661)

61" Mower Deck - Pulleys, Belt & Idler Arm - Liquid Cooled Model

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5022061	1	BELT, 61" Deck
2	5025017X36	1	BOLT, 1/2-13 x 4-1/2
3	5025150	2	WASHER, 1/2" USS
4	5045022	1	SPACER, .52 x 1.00 x 3.50
5	5021541	2	BUSHING, Flange
6	5061305B	1	IDLER ARM
7	5025056	5	NUT, 1/2-13 Hex Nylon Lock
8	5025281	1	WASHER, 5/8" SAE
9	5021976	4	PULLEY, Idler
10	5025158	4	WASHER, 1/2" SAE
11	5025017X24	3	BOLT, 1/2-13 x 3
12	5020095	1	GREASE FITTING
13	5061226B	1	MOUNT, Idler Spring
14	5025046	1	NUT, 3/8-16 Hex Top Lock
15	5045023	3	SPACER, .52 x 1.00 x .44
16	5023340	1	SPRING, Extension, Swivel End
17	5025034	1	NUT, 3/8-16 Hex
18	5025013X10	1	BOLT, 3/8-16 x 1-1/4
19	5025017X28	1	BOLT, 1/2-13 x 3-1/2
20	5046434B	3	IDLER PULLEY MOUNT
21	5020815	3	PULLEY, Spindle
22	5050407X5	3	KEY, 1/4 SQ. X 1-1/4
23	5020819	3	BUSHING, Tapered Hub
24	5025010X8	3	BOLT, 1/4-20 x 1

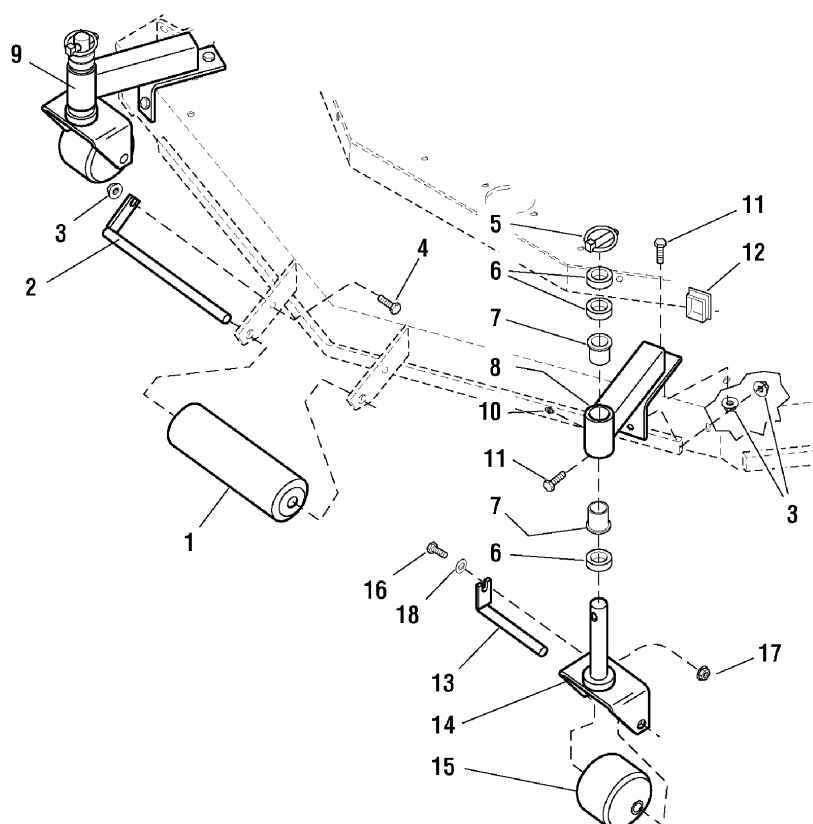
Footnotes

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

5901059 (IS3000ZLKAV2661)

61" Mower Deck - Rollers & Casters

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

61" Mower Deck - Rollers & Casters

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5020785	1	ROLLER
2	5041655B	1	PIN, Roller Mount
3	5025128	5	NUT, 3/8-16 Hex Serrated Flange
4	5025013X8	1	BOLT, 3/8-16 x 1
5	5020655	2	PIN, Lynch
6	5041476	6	SPACER, 1.02 x 1.56 x .50
7	5021541	4	BUSHING, Flange
8	5047501B	1	CASTER MOUNT ARM-LH
9	5047502B	1	CASTER MOUNT ARM-RH
10	5020095	2	GREASE FITTING
11	5025013X6	4	BOLT, 3/8-16 x 3/4
12	5022098	2	CAP, Plastic
13	5045034B	2	CASTER ROLLER PIN
14	5045188B	2	CASTER YOKE
15	5022060	2	ROLLER, Caster
16	5025011X6	2	BOLT, 5/16-18 x 3/4
17	5025127	2	NUT, 5/16-18 Hex Small Serrated Flange
18	5025292	2	WASHER, 5/16" GD9

Footnotes

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

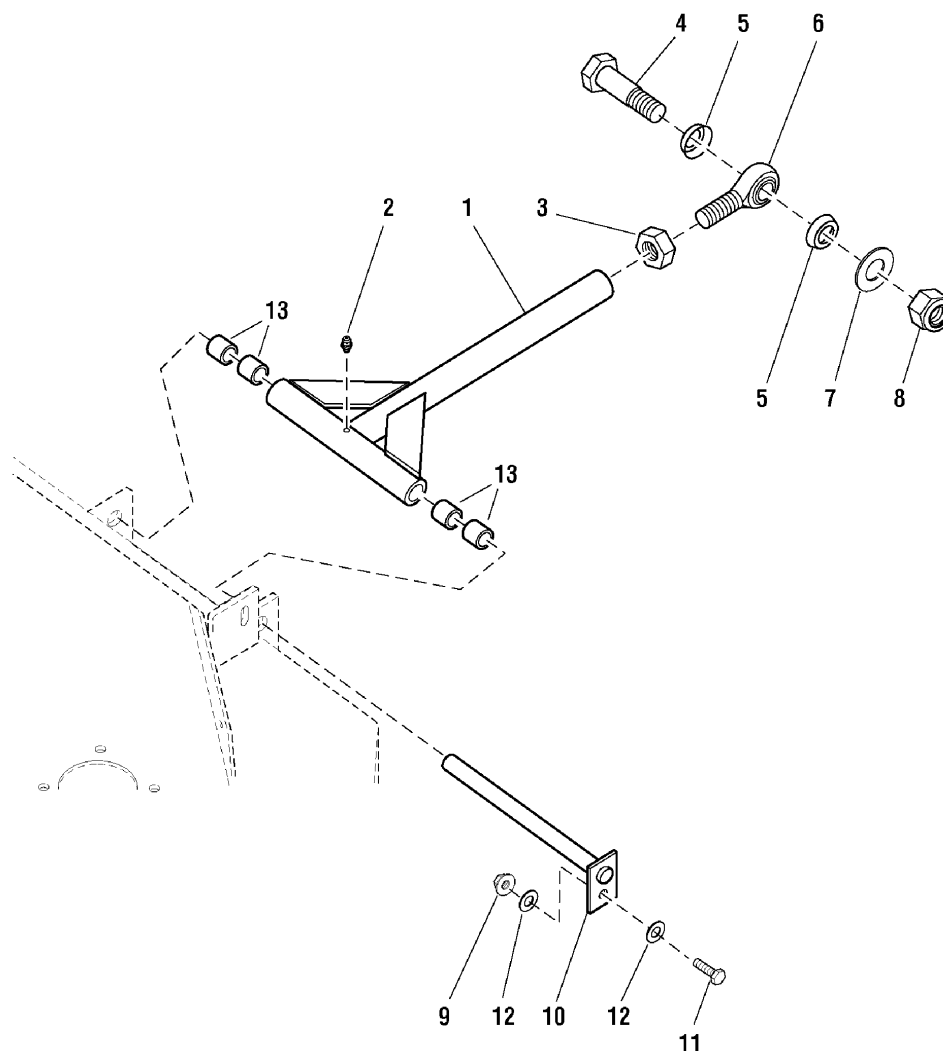
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

61" Mower Deck - Rear Mount Bars

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

5901059 (IS3000ZLKAV2661)

61" Mower Deck - Rear Mount Bars

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5045009	2	DECK PUSHER BAR, Complete (Includes Ref No. 13)
2	5020095	2	GREASE FITTING
3	5025093	2	NUT, 3/4-16 Hex Jam
4	5025265X24	2	BOLT, 3/4-16 x 3
5	5022111	4	ROD END SEAL
6	5022039	2	BALL JOINT, 3/4-16 Male
7	5025160	2	WASHER, 3/4" SAE
8	5025284	2	NUT, 3/4-16 Hex Nylon Lock
9	5025096	2	NUT, 3/8-16 Hex Nylon Lock
10	5045037B	2	PUSHER BAR MOUNT PIN
11	5025013X10	2	BOLT, 3/8-16 x 1-1/4
12	5025156	4	WASHER, 3/8" SAE
13	5023344	8	BUSHING (Qty. (4) per pusher bar)

Footnotes

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

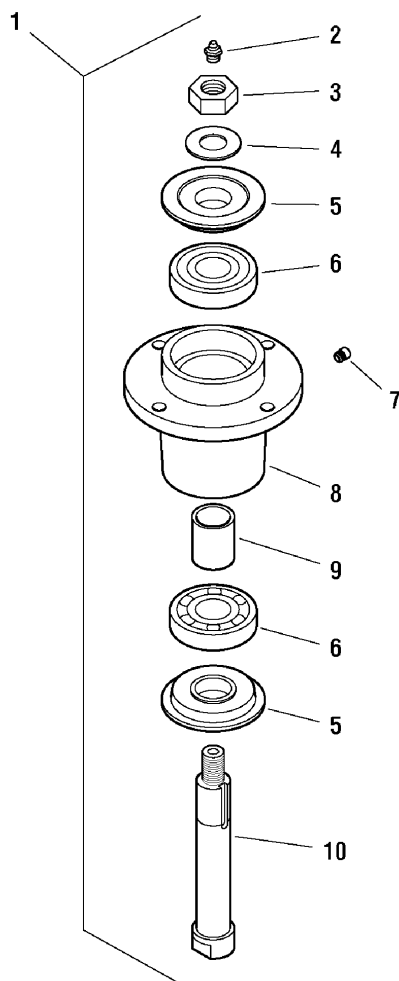
5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

5901059 (IS3000ZLKAV2661)

Spindle Service Parts

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



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

5901055 (S/N: 3631 & above) (IS3000ZFK)

5901060 (S/N: 3631 & above) (IS3000ZXK)

Spindle Service Parts

REF NO.	PART NO.	QTY.	DESCRIPTION
1	5061095	3	SPINDLE ASSEMBLY, Complete (Includes Ref No. 2 - 10)
2	5023329	3	GREASE FITTING
3	5025405	3	NUT, 3/4-16 Hex
4	5025406	3	WASHER, 3/4" Belleville
5	5049793	6	TRASH SHIELD
6	5023330	6	BEARING
7	5023296	3	RELIEF VALVE
8	5061097	3	SPINDLE HOUSING
9	5061099	3	SPACER, 1.00 x 1.25 x 1.75
10	5061098	3	SPINDLE SHAFT

Footnotes

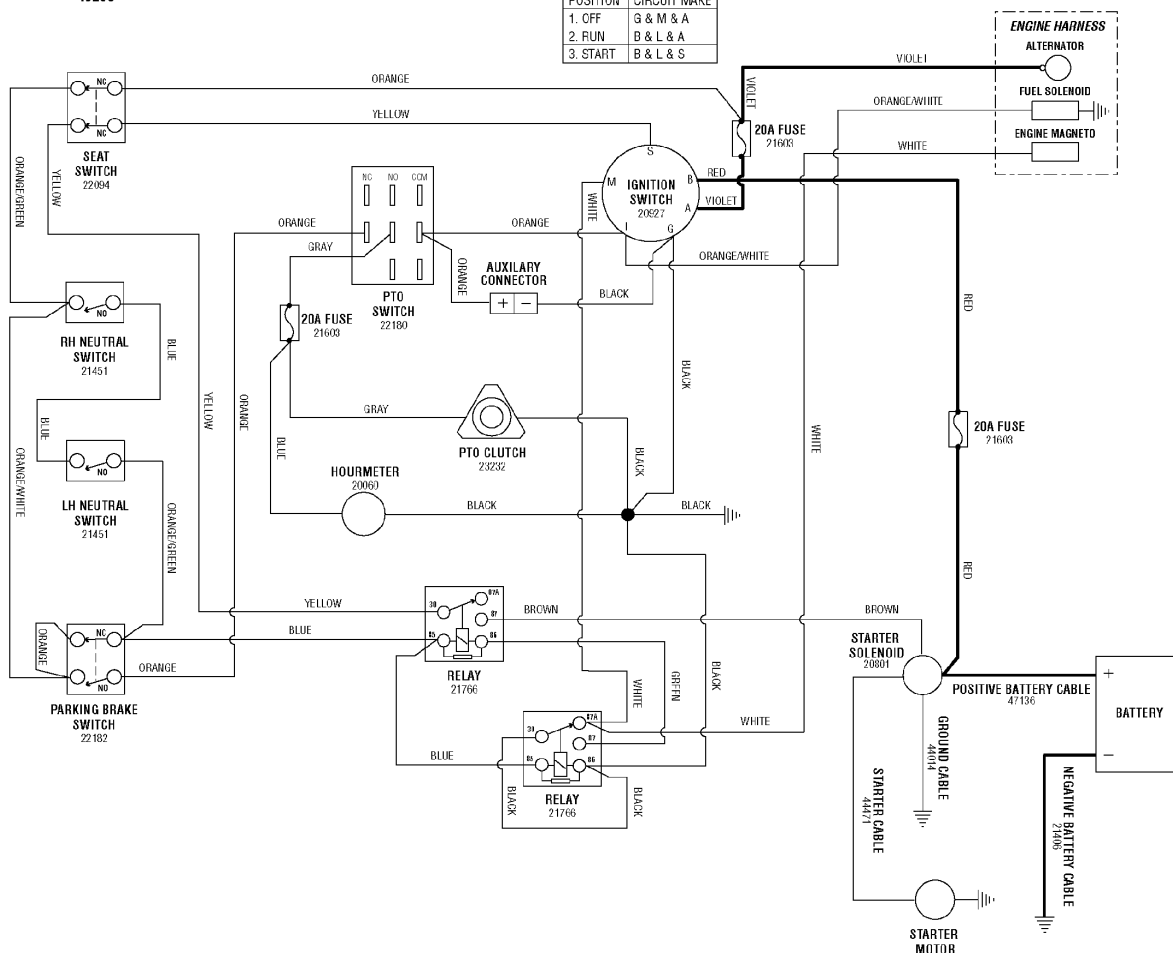
The above parts group applies to the following Mfg. Nos.:

5901055 (S/N: 3631 & above) (IS3000ZFK

5901060 (S/N: 3631 & above) (IS3000ZXK

IS3000Z KAWASAKI WIRE HARNESS
49239

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

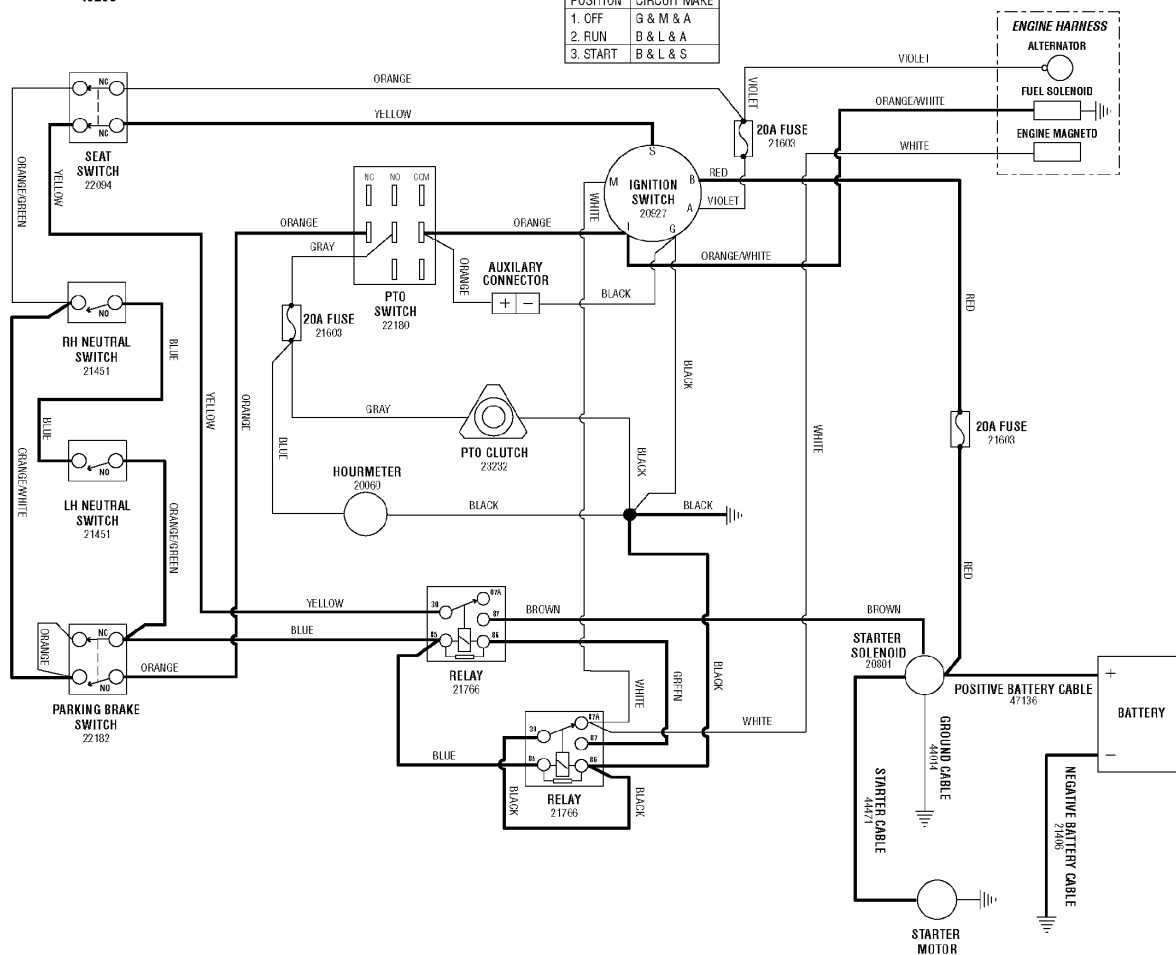


The above parts group applies to the following Mfg. Nos.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

IS3000Z KAWASAKI WIRE HARNESS
49239

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.:

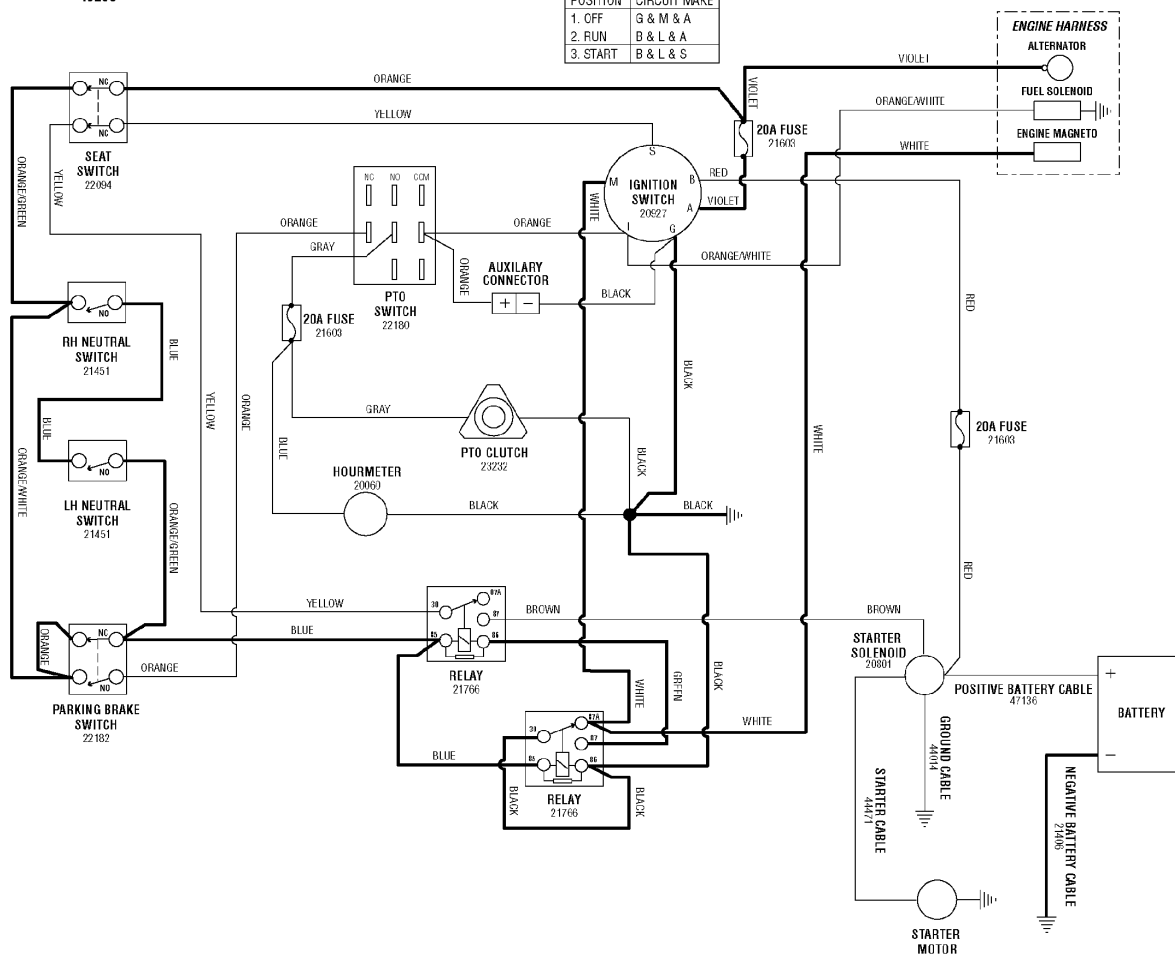
5901055 (S/N: 3631 & above) (IS3000ZFK)

Electrical Schematic - Ignition Grounding Circuit/Operator Presence - Kawasaki 25HP

171eswi0

IS3000Z KAWASAKI WIRE HARNESS
49239

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

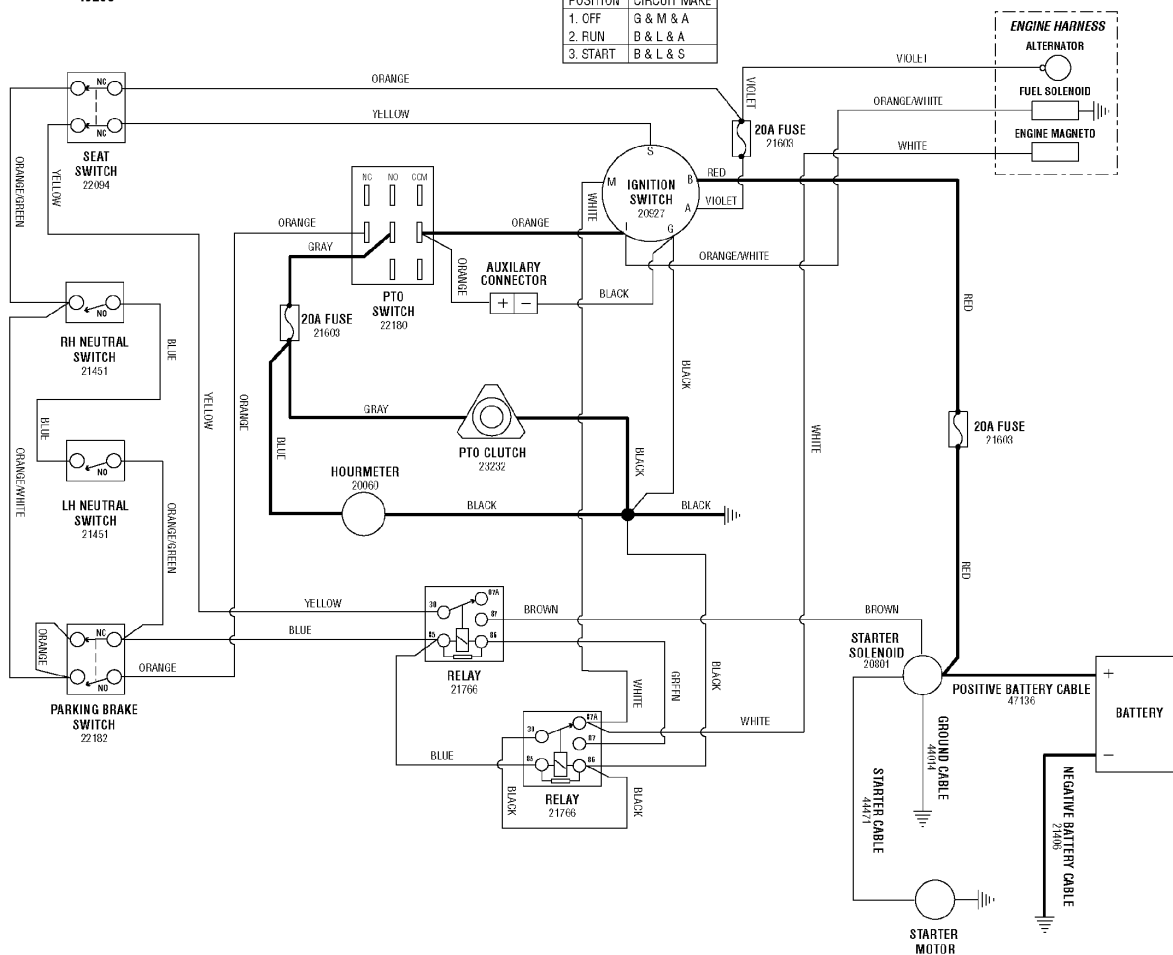


The above parts group applies to the following Mfg. Nos.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

IS3000Z KAWASAKI WIRE HARNESS
49239

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

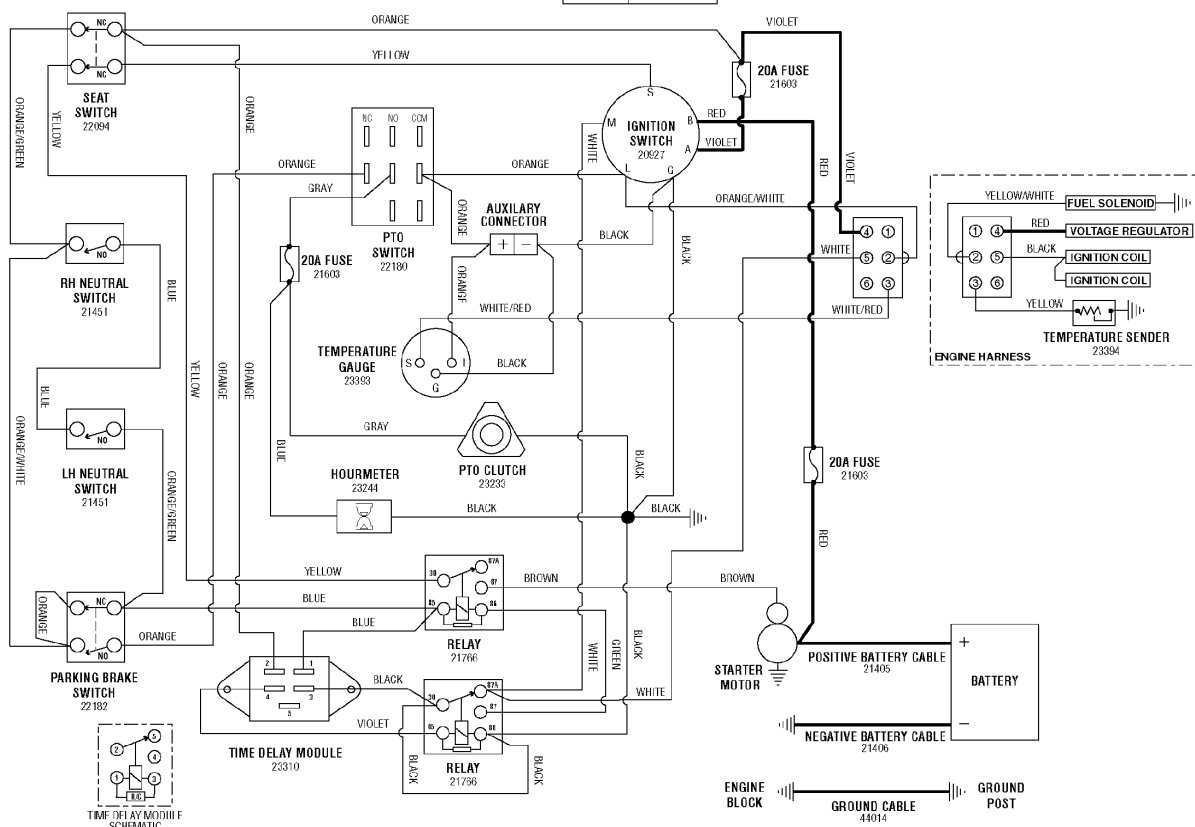


The above parts group applies to the following Mfg. Nos.:

5901055 (S/N: 3631 & above) (IS3000ZFK)

IS3000ZL KAWASAKI WIRE HARNESS
61583

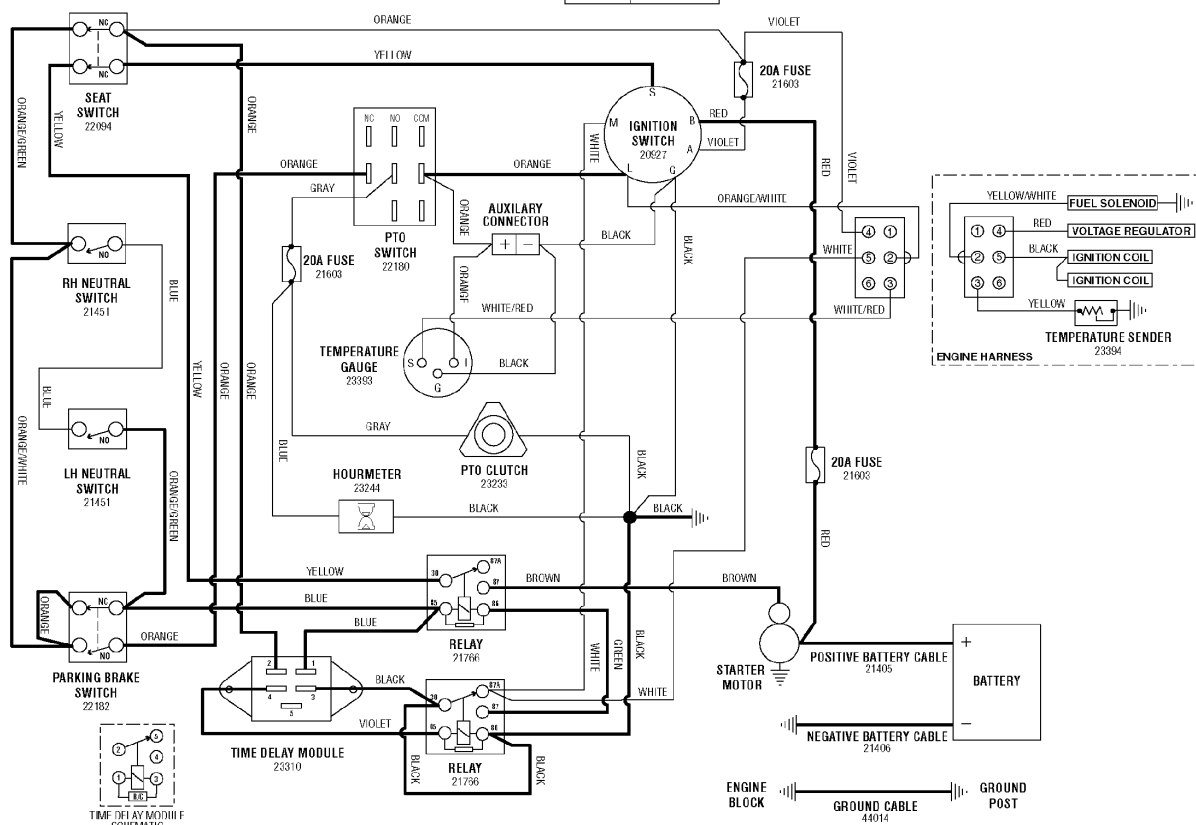
IGNITION SWITCH	
POSITION	CIRCUIT MAKE
1. OFF	G & M & A
2. RUN	B & L & A
3. START	B & L & S



The above parts group applies to the following Mfg. Nos.:
5901059 (IS3000ZLKAV2661)

IS3000ZL KAWASAKI WIRE HARNESS
61583

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.:

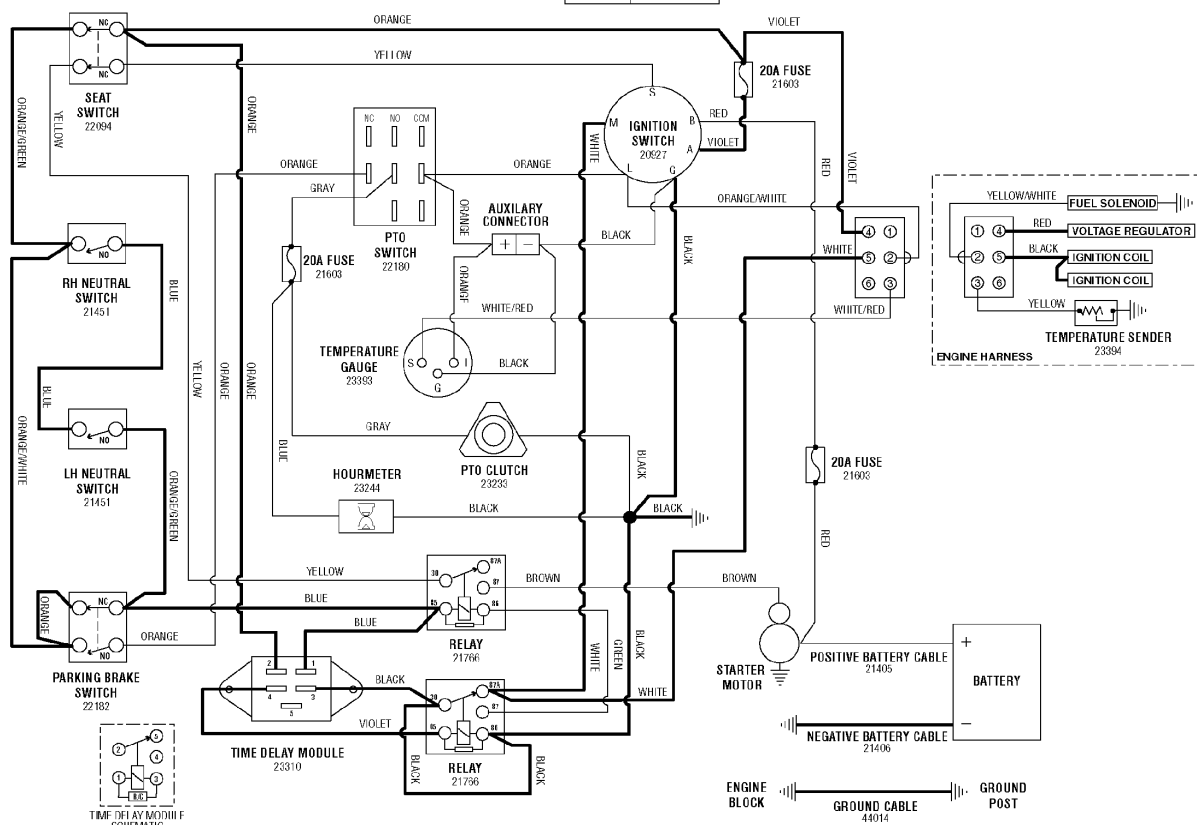
5901059 (IS3000ZLKAV2661)

Electrical Schematic - Ignition Grounding Circuit/Operator Presence - Kawasaki 26HP LC

171esw11

IS3000ZL KAWASAKI WIRE HARNESS
61583

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

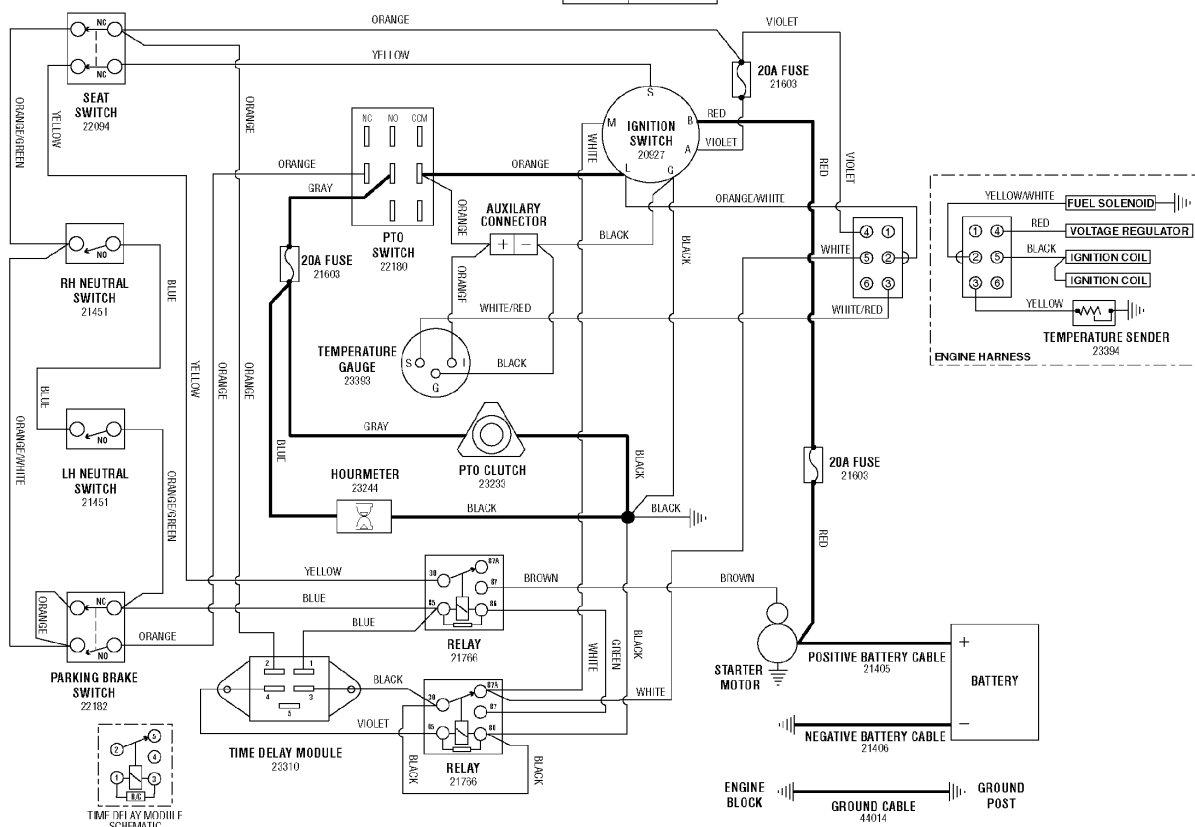


The above parts group applies to the following Mfg. Nos.:

5901059 (IS3000ZLKAV2661)

IS3000ZL KAWASAKI WIRE HARNESS
61583

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.:

5901059 (IS3000ZLKAV2661)

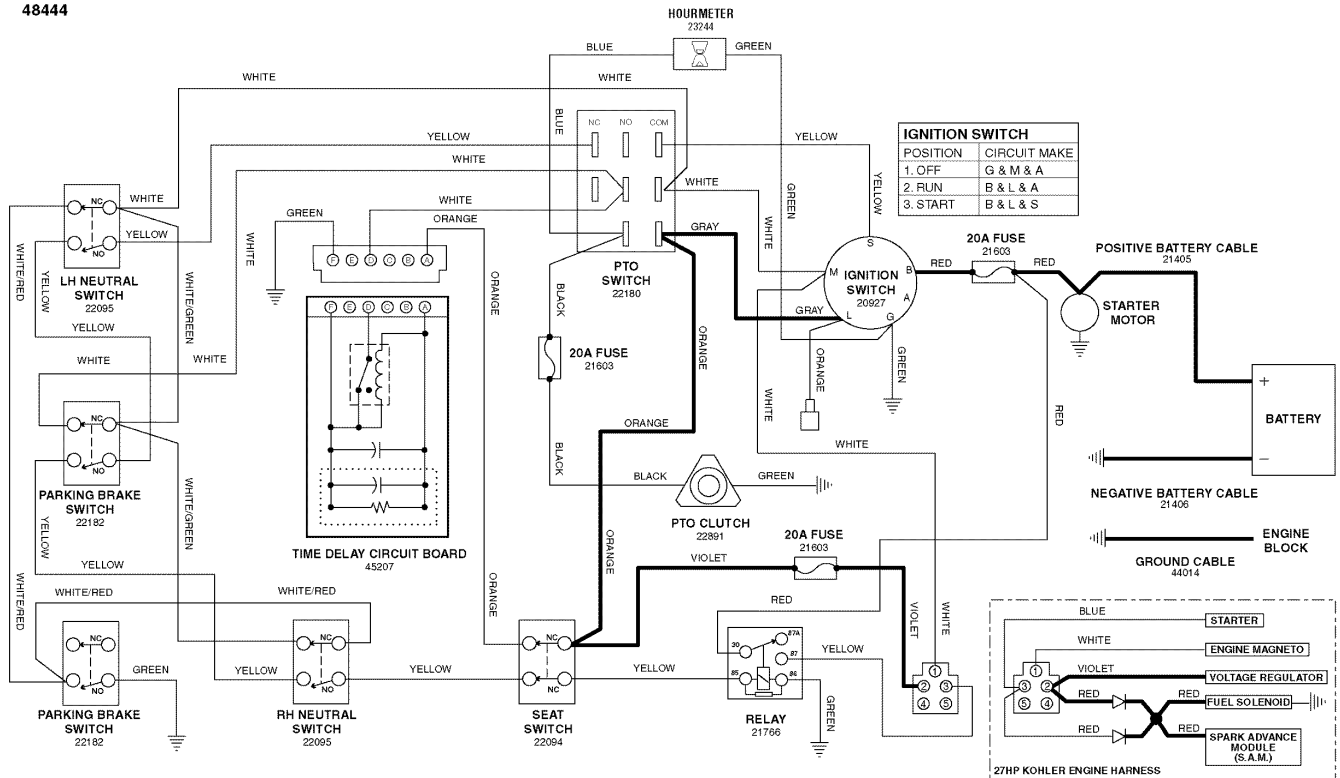
Electrical Schematic - Charging Circuit - Kohler

(S/N: 3631 - 4837)

171esk0

Model(s):
IS3000ZXK27/61 - S/N: 351 - 4837

Wire Harness Part No:
48444



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

5901060 (S/N: 3631 & above) (IS3000ZXK

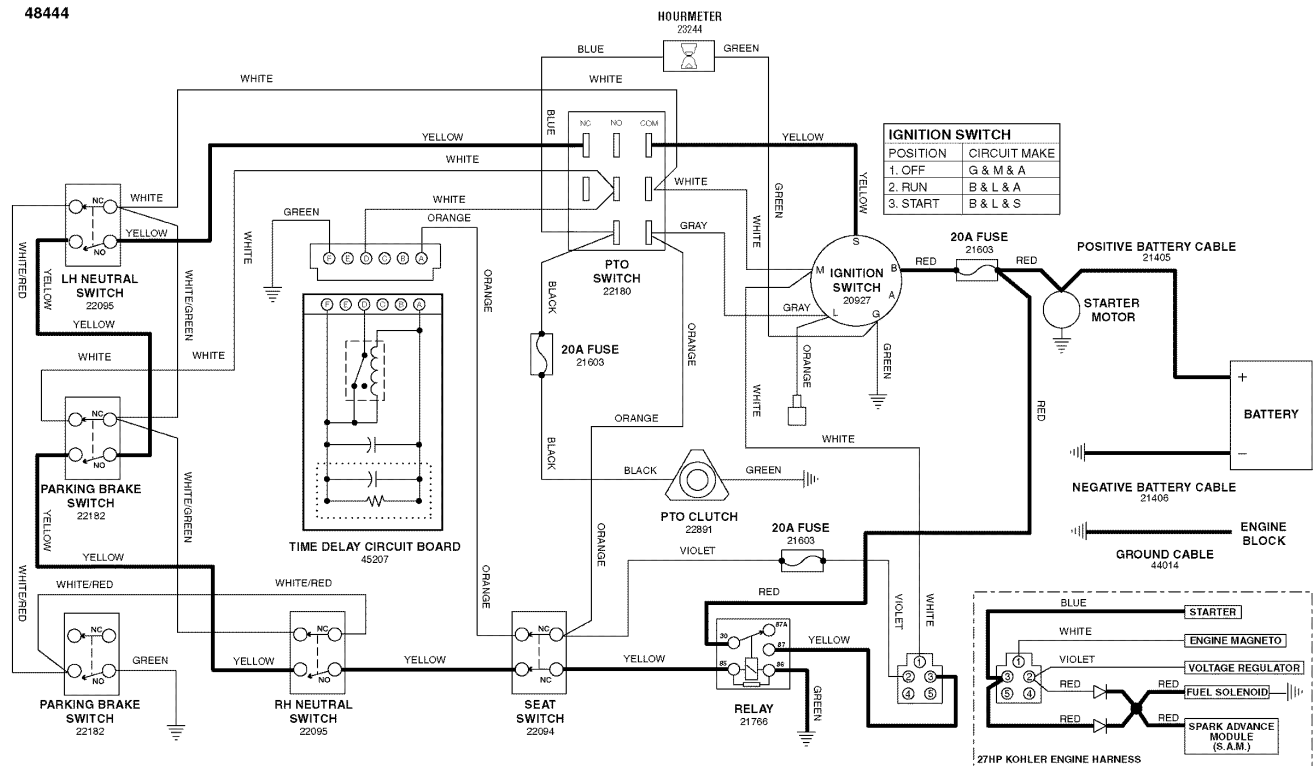
Electrical Schematic - Cranking Circuit - Kohler

(S/N: 3631 - 4837)

171eskr0

Model(s):
IS3000ZXK27/61 - S/N: 351 - 4837

Wire Harness Part No:
48444



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

5901060 (S/N: 3631 & above) (IS3000ZXK

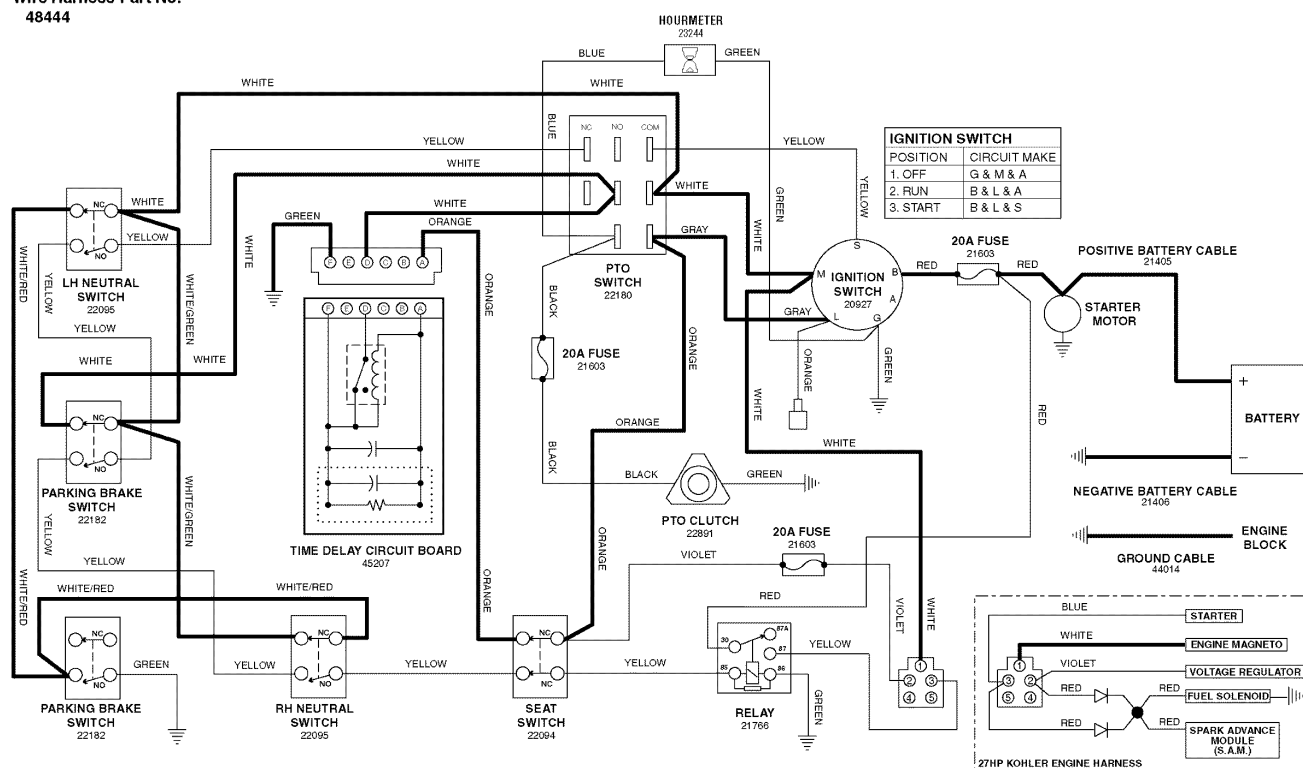
Electrical Schematic - Ignition Grounding Circuit/Operator Presence - Kohler

(S/N: 3631 - 4837)

17leski0

Model(s):
IS3000ZXK27/61 - S/N: 351 - 4837

Wire Harness Part No:
48444



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

5901060 (S/N: 3631 & above) (IS3000ZXK

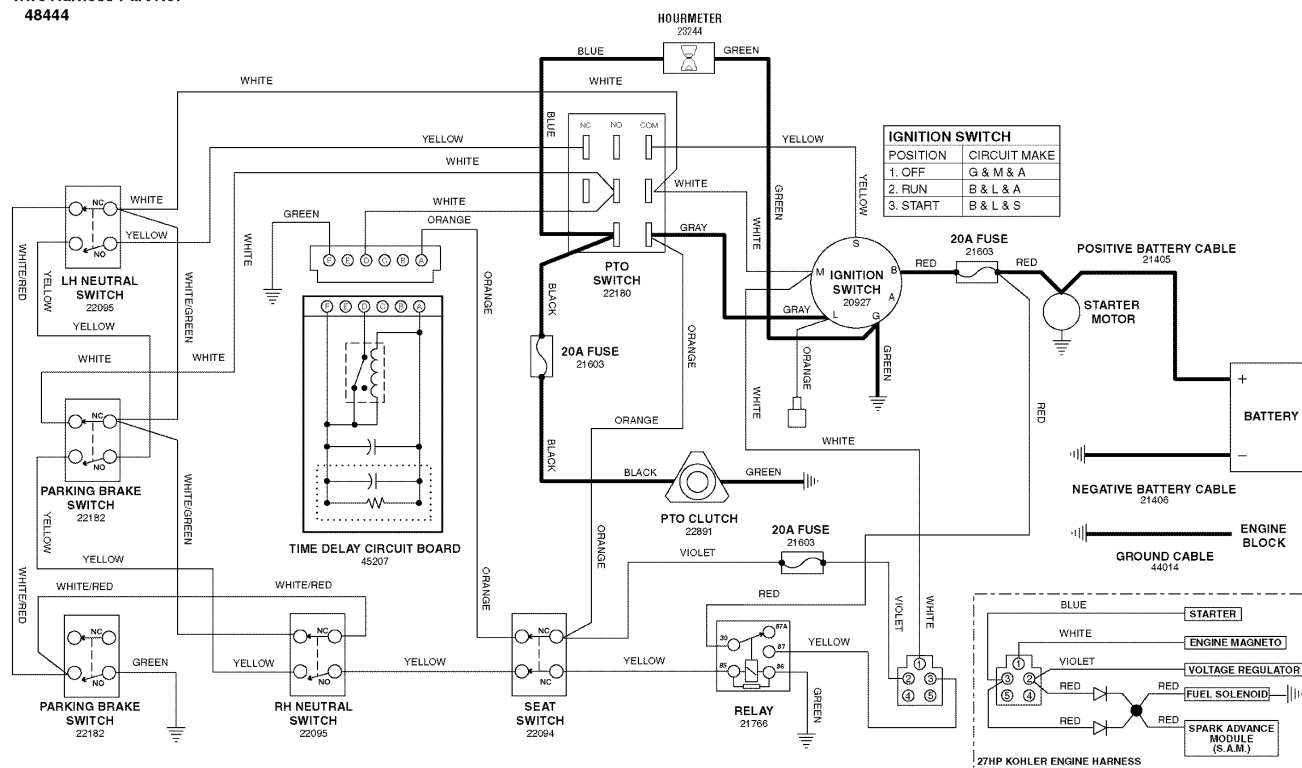
Electrical Schematic - PTO Clutch Circuit - Kohler

(S/N: 3631 - 4837)

171eskp0

Model(s):
IS3000ZXK27/61 - S/N: 351 - 4837

Wire Harness Part No:
48444



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

5901060 (S/N: 3631 & above) (IS3000ZXK

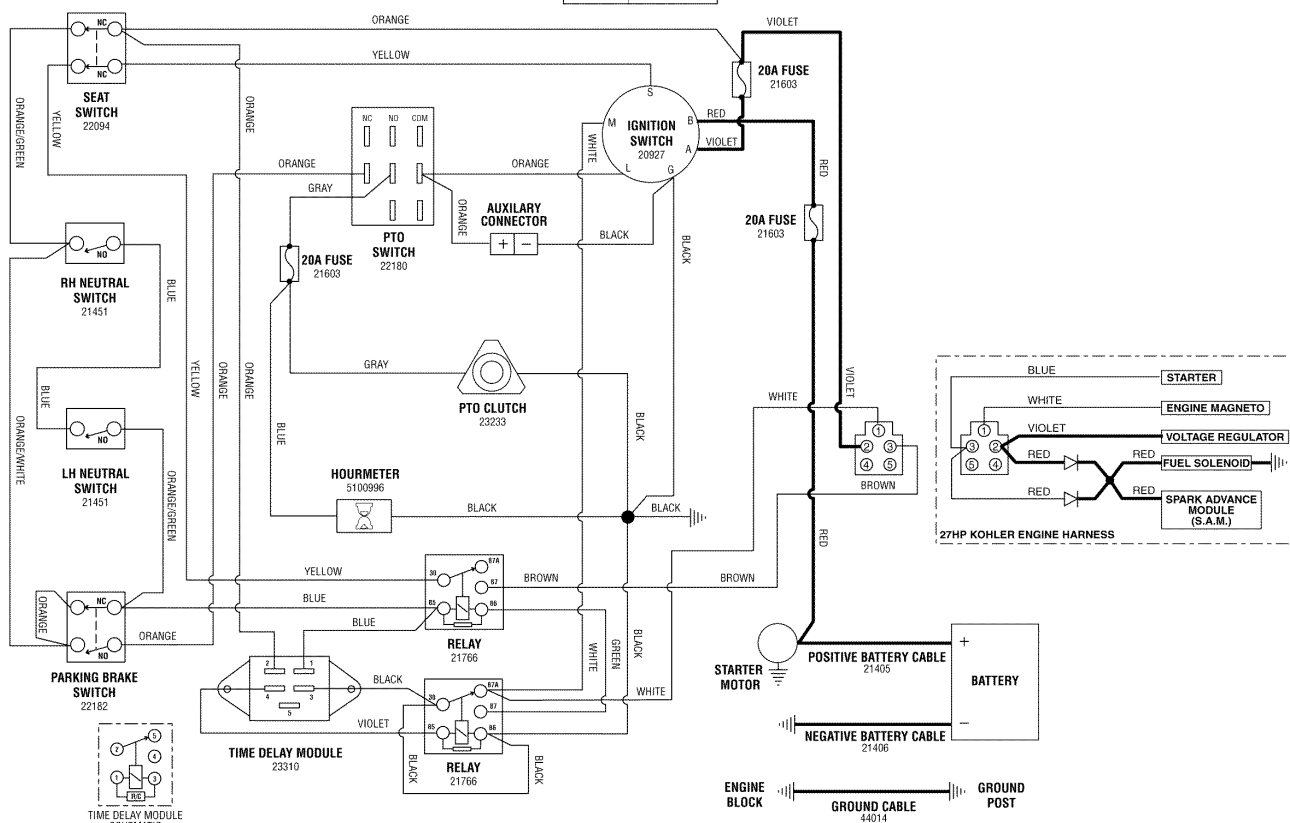
Electrical Schematic - Charging Circuit - Kohler

(S/N: 4838 & above)

171eskc1

IS3000ZX KOHLER WIRE HARNESS
61826

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.:

5901060 (S/N: 3631 & above) (IS3000ZXK)

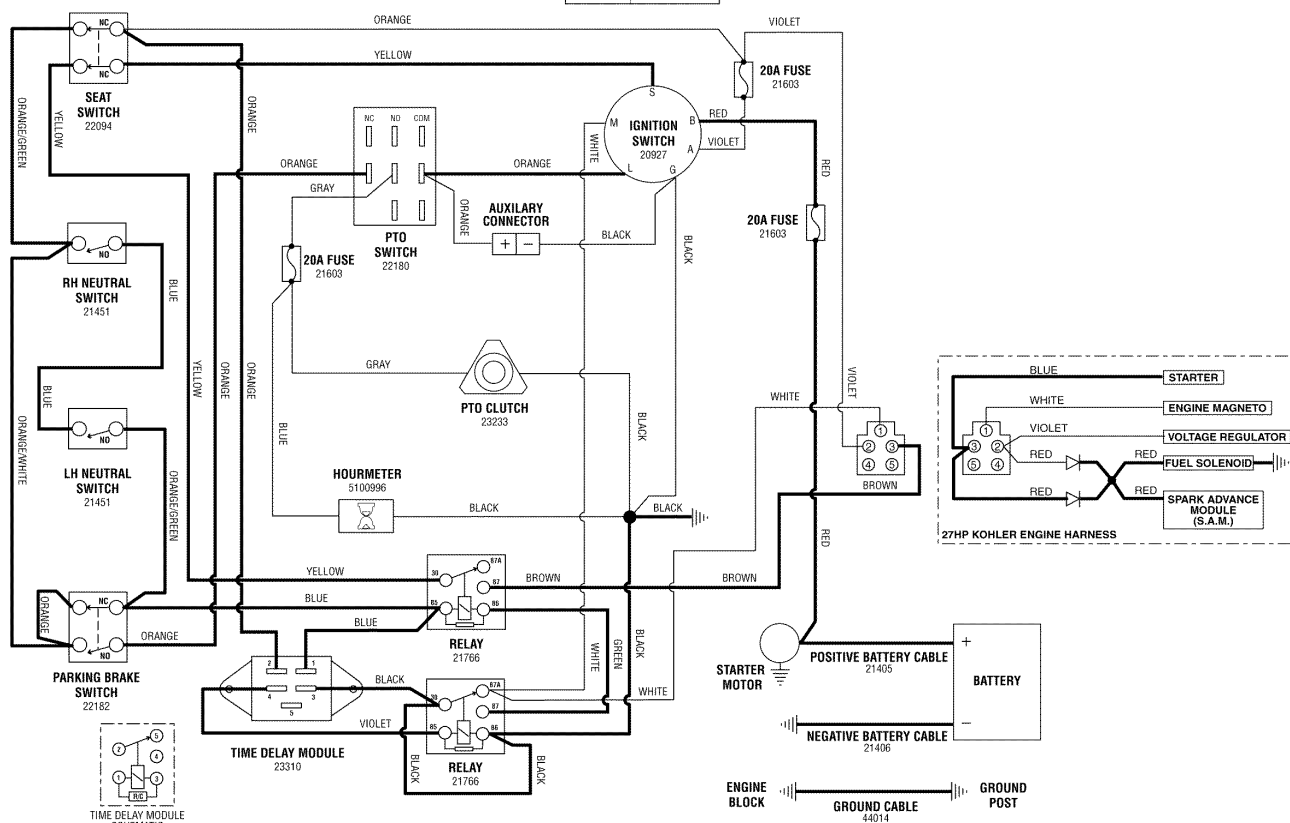
Electrical Schematic - Cranking Circuit - Kohler

(S/N: 4838 & above)

17leskr1

IS3000ZX KOHLER WIRE HARNESS
61826

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.:

5901060 (S/N: 3631 & above) (IS3000ZXK)

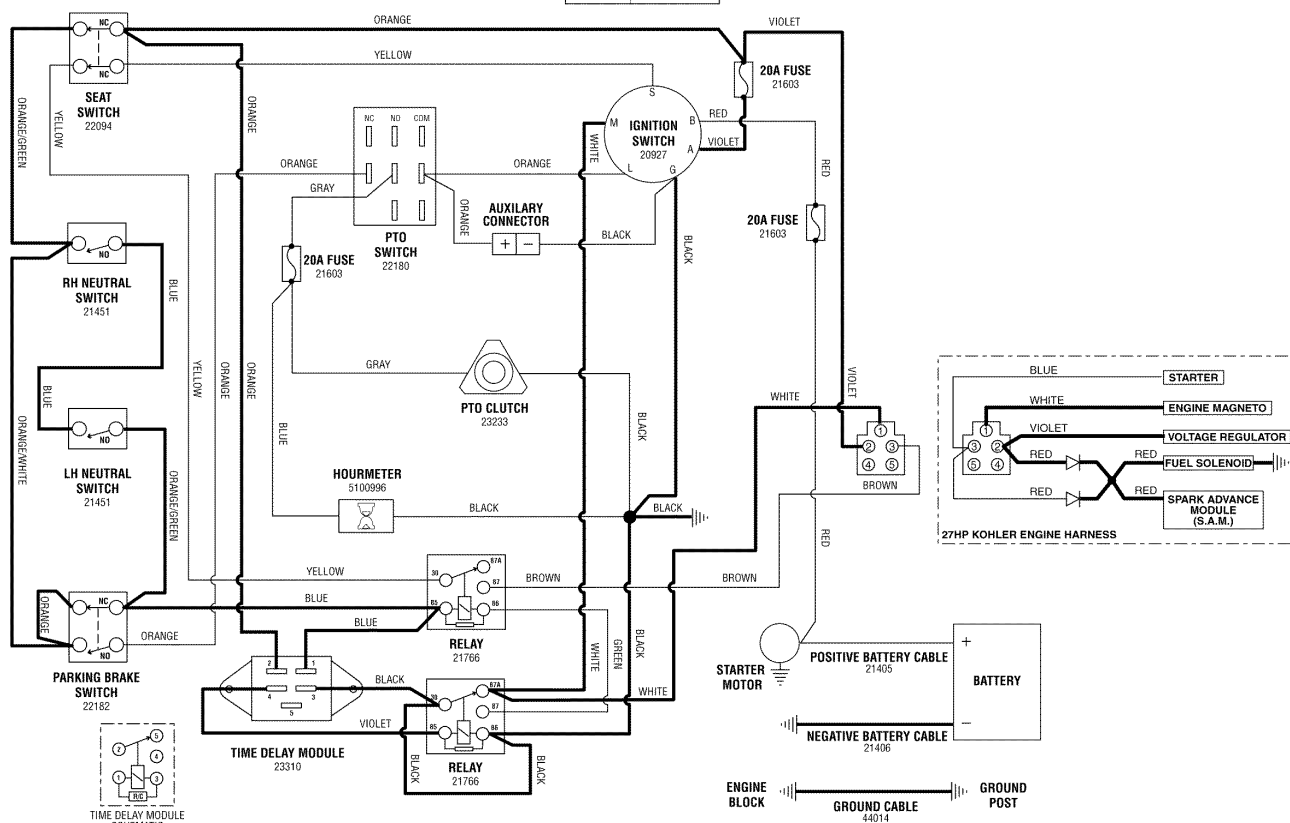
Electrical Schematic - Ignition Grounding Circuit/Operator Presence - Kohler

(S/N: 4838 & above)

17leski1

IS3000ZX KOHLER WIRE HARNESS
61826

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.:

5901060 (S/N: 3631 & above) (IS3000ZXK)

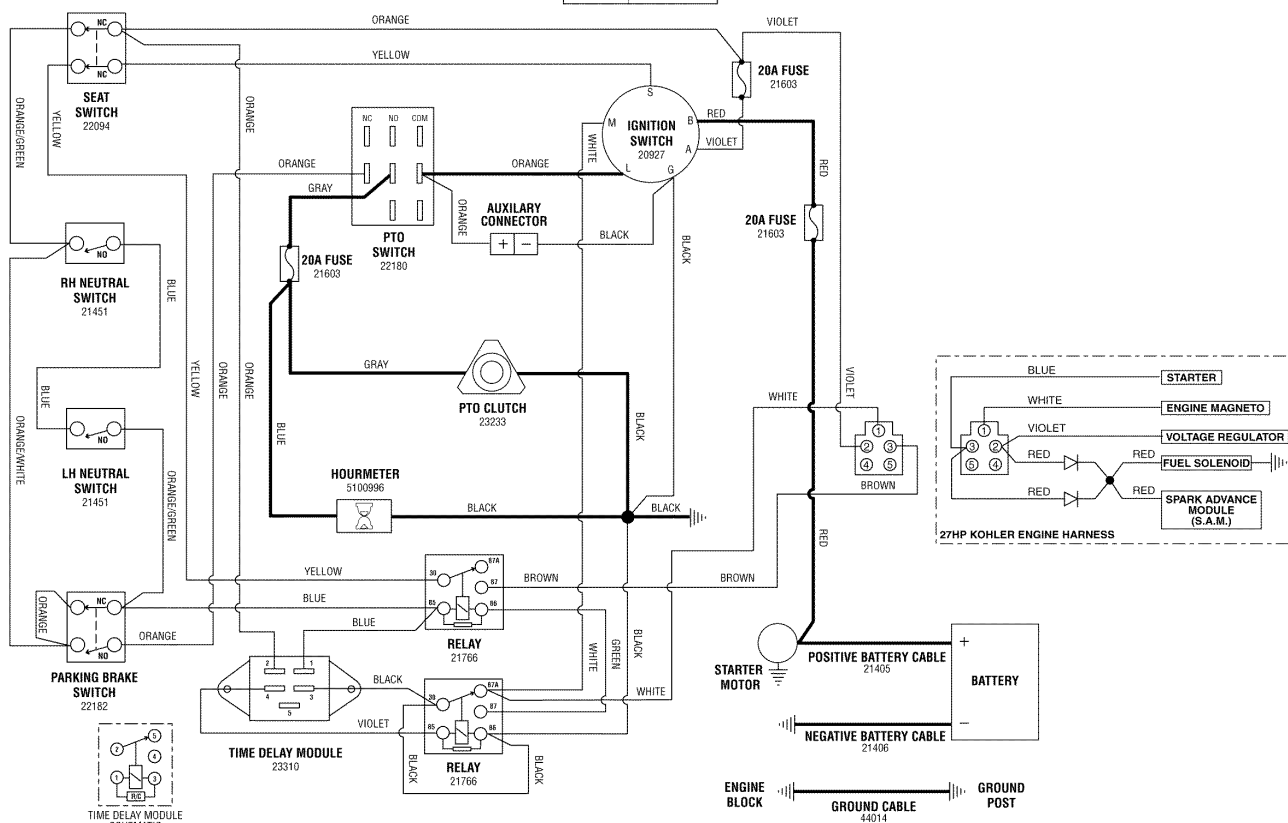
Electrical Schematic - PTO Clutch Circuit - Kohler

(S/N: 4838 & above)

171eskp1

IS3000ZX KOHLER WIRE HARNESS
61826

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



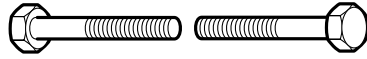
The above parts group applies to the following Mfg. Nos.:

5901060 (S/N: 3631 & above) (IS3000ZXK)

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Carriage Bolt



Lockwasher



Hex Nut

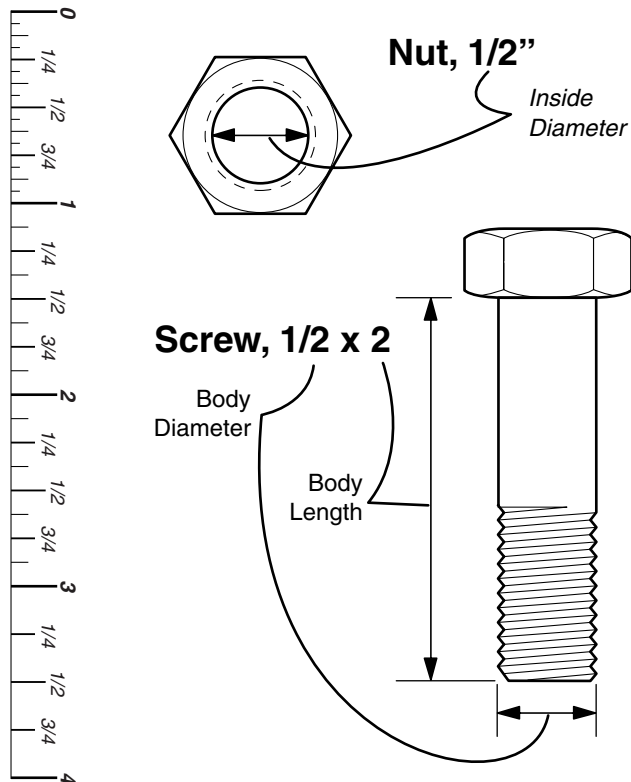


Standard Hardware Sizing

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

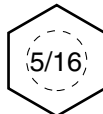
NOTES

- 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.

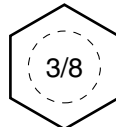
Wrench & Fastener Size Guide



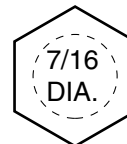
1/4" Bolt or Nut
Wrench—7/16"



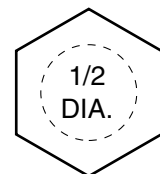
5/16" Bolt or Nut
Wrench—1/2"



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 IS3000Z Series

Zero-Turn Riding Mower

Serial No.: 3631 & Above

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