



Parts Manual IS5100Z Series Zero-Turn Riding Mower



Models:	Description:
5900602	33HP Caterpillar Diesel w/ ROPS (IS5100Z/C33D) (2006)
5900617	33HP Caterpillar Diesel w/ ROPS (IS5100Z/C33DCE) (2006)
5900618	33HP Caterpillar Diesel w/ 61" Mower Deck & ROPS (IS5100Z/C33D61CE) (2006)
5900708	33HP Caterpillar Diesel w/ 61" Mower Deck & ROPS (IS5100Z/C33D61)
5900723	33HP Caterpillar Diesel w/ ROPS AUS/NZ (IS5100Z/C33DCE)
5900979	33HP Caterpillar Diesel w/ 61" Mower Deck & ROPS (IS5100Z/C33D31CE)
5900724	72" Side Discharge Mower Deck Export (5100/72CE)
5900726	61" Rear Discharge Mower Deck Export (5100/61RCE)
5900622	61" Rear Discharge Mower Deck (5100/61R)
5900623	61" Rear Discharge Mower Deck - Export (5100/61RCE)
5900725	72" Rear Discharge Mower Deck Export (5100/72RCE)
5901167	72" Side Discharge Mower Deck (5100/72)
5901168	72" Rear Discharge Mower Deck (5100/72R)
5901169	72" Rear Discharge Mower Deck - Export (5100/72RCE)
5901171	72" Side Discharge Mower Deck - Export (5100/72CE)

Briggs and Stratton Yard Power Products Group

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

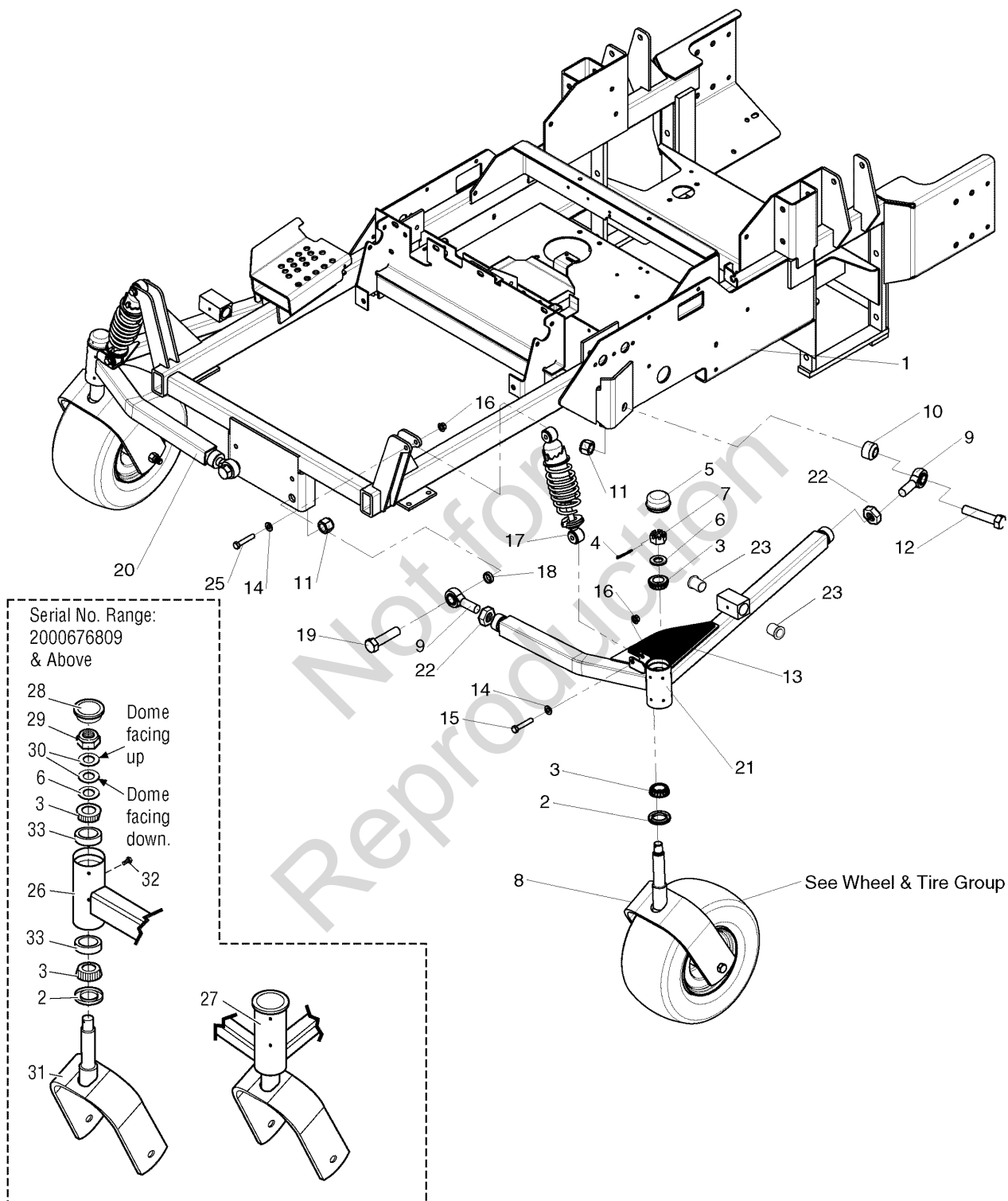
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Main Frame & Front Suspension Group

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



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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)
5900723 (IS5100Z/C33DCE)

Main Frame & Front Suspension Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5400242B	1	WELD, MAIN FRAME IS5000 - RED
2	5021072	2	SEAL, GREASE
3	5020884	4	BEARING, TAPERED ROLLER, 1"
4	5025202X12	2	3/16 X 1-1/2 COTTER PIN
5	5021073	2	CAP, DUST
6	5025160	2	WASHER, 3/4" SAE
7	5025104	2	NUT, 3/4-16 HEX SLOTTED
8	5401115B	2	WELD, CASTER YOKE - RED
9	5022039	4	BALL JOINT, 3/4-16, MALE
10	5046093	2	SPACER, .75 X 1.50 X 1.00
11	5025284	4	NUT, 3/4-16 HEX NYLON LOCK
12	5025265X28	2	BOLT, 3/4-16 X 3-1/2" YZ GD5
13	5101003	1	SAFETY WALK, IS5000Z A-ARM STEP
14	5025156	4	WASHER, 3/8" SAE
15	5025013X16	2	BOLT, 3/8-16 X 2" GD5 YZ
16	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
17	5022842	2	COIL-OVER SHOCK ASSEMBLY
18	5046093	2	SPACER, .75 X 1.50 X 1.00
19	5025265X28	2	BOLT, 3/4-16 X 3-1/2" YZ GD5
20	5300037	1	ASSM, SUSPENSION ARM RH - RED
21	5300036	1	ASSM, SUSPENSION ARM LH - RED
22	5025093	4	NUT, 3/4-16 HEX JAM
23	5023343	4	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC
24	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT (not shown)
25	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 YZ
26	5402217B	1	WELD, SUSPENSION ARM - RH - RED (Serial No.: 2000676809 & Above)
27	5402216B	1	WELD, SUSPENSION ARM - LH - RED (Serial No.: 2000676809 & Above)
28	5100882	2	CAP, CASTER SPINDLE, LOW PROFILE (Serial No.: 2000676809 & Above)
29	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK (Serial No.: 2000676809 & Above)
30	5025449	4	BELLEVILLE WASHER, 1.500 X .755 (Serial No.: 2000676809 & Above)
31	5402206B	2	WELD, CASTER YOKE - RED (Serial No.: 2000676809 & Above)
32	5025457	2	BOLT, 1/4-28 X 1/2, GD5 YZ (Serial No.: 2000676809 & Above)
33	5020883	4	BEARING CUP (Serial No.: 2000676809 & Above)

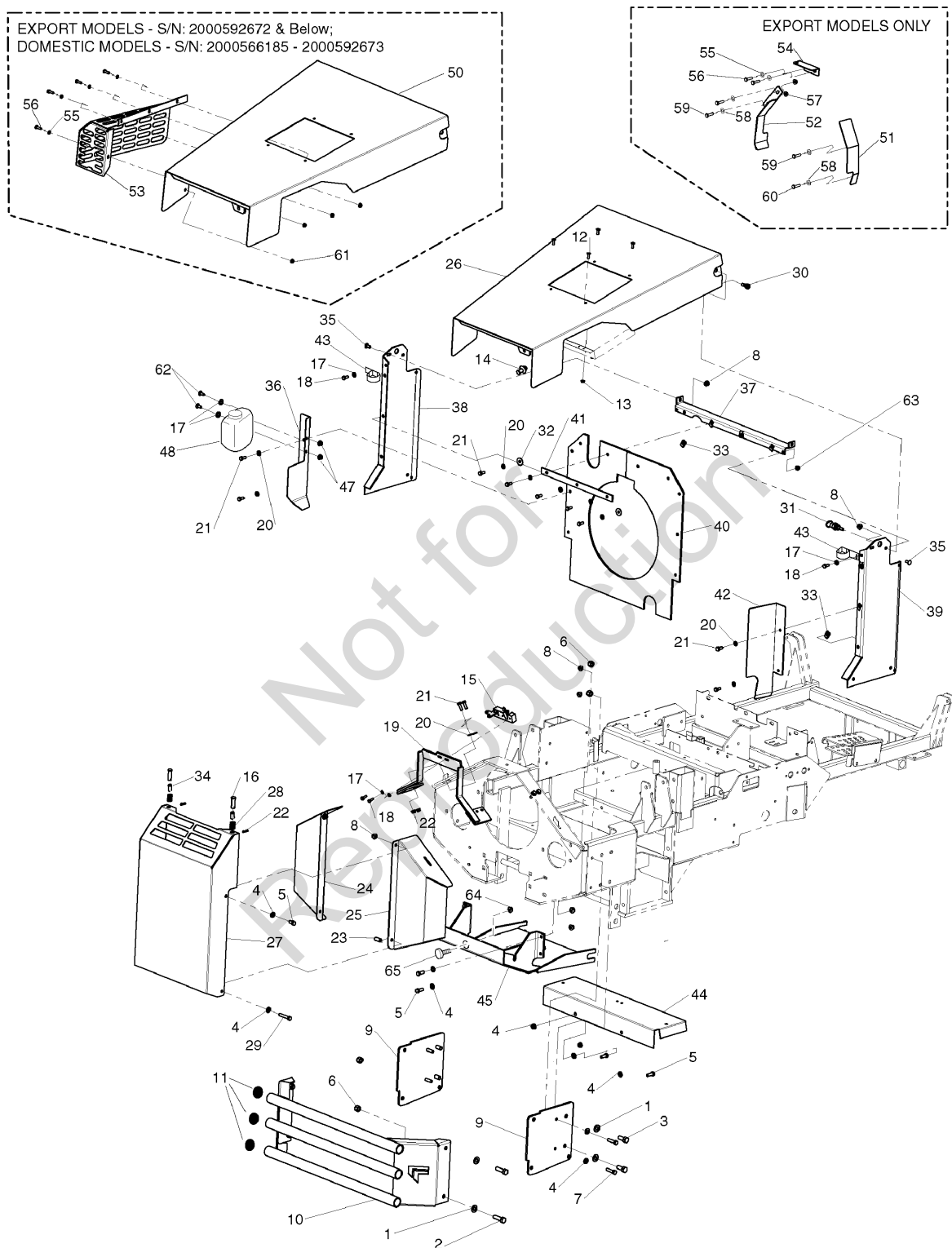
Footnotes

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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)
5900723 (IS5100Z/C33DCE)

Hood, Bumper & Shields Group (All Models - S/N: 2000592672 & Below)

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



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

5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)
5900617 (IS5100Z/C33DCE) (2006)

Hood, Bumper & Shields Group (All Models - S/N: 2000592672 & Below)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025158	8	WASHER, 1/2" SAE
2	5025018X14	4	BOLT, 1/2-20 X 1-3/4" GD5 YZ
3	5025018X10	4	BOLT, 1/2-20 X 1-1/4" GD5 YZ
4	5025156	12	WASHER, 3/8" SAE
5	5025013X8	4	BOLT, 3/8-16 X 1" GD5 YZ
6	5025098	8	NUT, 1/2-20 HEX NYLON LOCK
7	5025013X10	6	BOLT, 3/8-16 X 1-1/4" GD5
8	5025394	12	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5400625B	2	PLATE, BUMPER MOUNT - RED
10	5400255B	1	WELD, BUMPER, SERVICE IS4500 - RED
11	5023484	6	PLUG, PANEL, 1.25 - BLACK
12	5025299X4	4	SCREW, 1/4-20 X 1/2" ALLEN BH
13	5025391	4	NUT, 1/4-20 NYLOCK FLANGE
14	5100266	1	BOLT/WASHER ASM HOOD LATCH
15	5100265	1	HOOD LATCH, IS5000
16	5022807	2	BUMPER, RUBBER, 5/16-18
17	5025154	6	WASHER, 1/4" SAE
18	5025010X8	4	BOLT, 1/4-20 X 1", GD5
19	5400937B	1	WELD, MOUNT HOOD LATCH - RED
20	5025155	11	WASHER, 5/16" SAE
21	5025011X8	16	BOLT, 5/16-18 X 1" GD5 YZ
22	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE
23	5044959	2	SPACER, .38 X .50 X 1.00
24	5400345B	1	WELD, BUMPER SIDE LH IS5000 - RED
25	5400343B	1	WELD, BUMPER SIDE RH IS5000 - RED
26	5400340B	1	WELD, IS5000 HOOD - RED
27	5400341B	1	WELD, CENTER BUMPER IS5000 - RED
28	5061833	2	SPRING, HOOD LATCH
29	5025013X14	2	BOLT, 3/8-16 X 1-3/4" GD5
30	5025356	2	BOLT, 3/8-16 X 3/8", 1/2" SHOULDER
31	5100010	1	PIN, LATCH, SPR LOADED-PULL ACT
32	5044617	3	WASHER, .34 X 1.25 X 10 GA
33	5022308	10	BODY CLIP, 5/16-18 X 1/2" DEEP
34	5047199	2	SPACER, .38 X .50 X .75
35	5025145X6	2	BOLT, 5/16-18 X 3/4", CARRIAGE
36	5401089B	1	GUARD, FAN, LH - RED
37	5400813B	1	SHROUD, SUPPORT
38	5400765B	1	WELD, SHROUD CHANNEL - LH - RED
39	5400786B	1	WELD, SHROUD CHANNEL, RH - RED
40	5100178	1	SHROUD, RUBBER IS5000Z
41	5061268B	1	BAR, RUBBER SUPPORT SIDE

Footnotes

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

5900602 (IS5100Z/C33D) (2006)

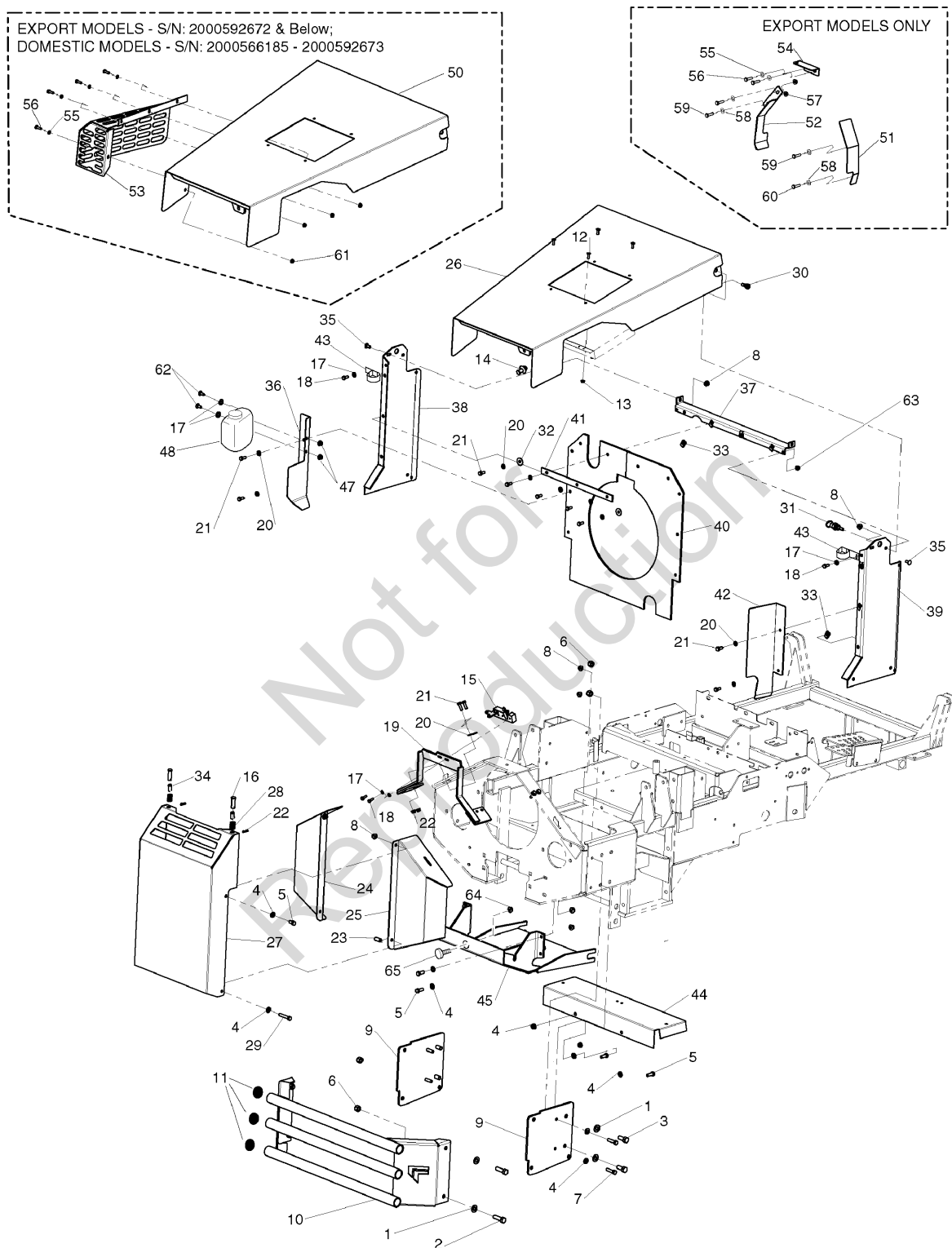
5900708 (IS5100Z/C33D61)

5900618 (IS5100Z/C33D61CE) (2006)

5900617 (IS5100Z/C33DCE) (2006)

Hood, Bumper & Shields Group (All Models - S/N: 2000592672 & Below)

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



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

5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)
5900617 (IS5100Z/C33DCE) (2006)

Hood, Bumper & Shields Group (All Models - S/N: 2000592672 & Below)

REF NO	PART NO.	QTY.	DESCRIPTION
42	5401090B	1	GUARD, FAN, RH - RED
43	5025430	2	CLAMP, 5/16 DOUBLE, WIRE & TUBE
44	5401140B	1	SHIELD, DEBRIS - RED
45	5400926B	1	WELD, SKID PLATE - RED
46	5022922	1	CLAMP, #4 HOSE, STAINLESS (not shown)
47	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
48	5022883X34	1	EXPANSION TANK (includes Ref. No. 49)
49	5022883X35	1	CAP (not shown)
50	5401652B	1	WELD, HOOD, IS5100ZCE (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
51	5401416B	1	GUARD, FLYWHEEL CE, RH (CE - EXPORT MODELS ONLY)
52	5401418B	1	GUARD, FLYWHEEL CE, LH (CE - EXPORT MODELS ONLY)
53	5401547B	1	WELD, MUFFLER GUARD, IS5100ZCE (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
54	5401417B	1	GUARD, HOOD LATCH (CE - EXPORT MODELS ONLY)
55	5025154	6	WASHER, 1/4" SAE (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
56	5025010X6	6	BOLT, 1/4-20 X 3/4" GD5 YZ (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
57	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
58	5025155	4	WASHER, 5/16" SAE (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
59	5025011X8	3	BOLT, 5/16-18 X 1" GD5 YZ (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
60	5025011X10	1	BOLT, 5/16-18 X 1-1/4" GD5 YZ (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
61	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
62	5025010X6	2	BOLT, 1/4-20 X 3/4"
63	5025126	2	NUT, 1/4-20 SERRATED FLANGE
64	5025057	2	NUT, 5/16-18 HEX NYLON LOCK (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)
65	5022807	2	BUMPER, RUBBER, 5/16-18 (CE - EXPORT MODELS & S/N: 2000566185 & ABOVE DOMESTIC MODELS)

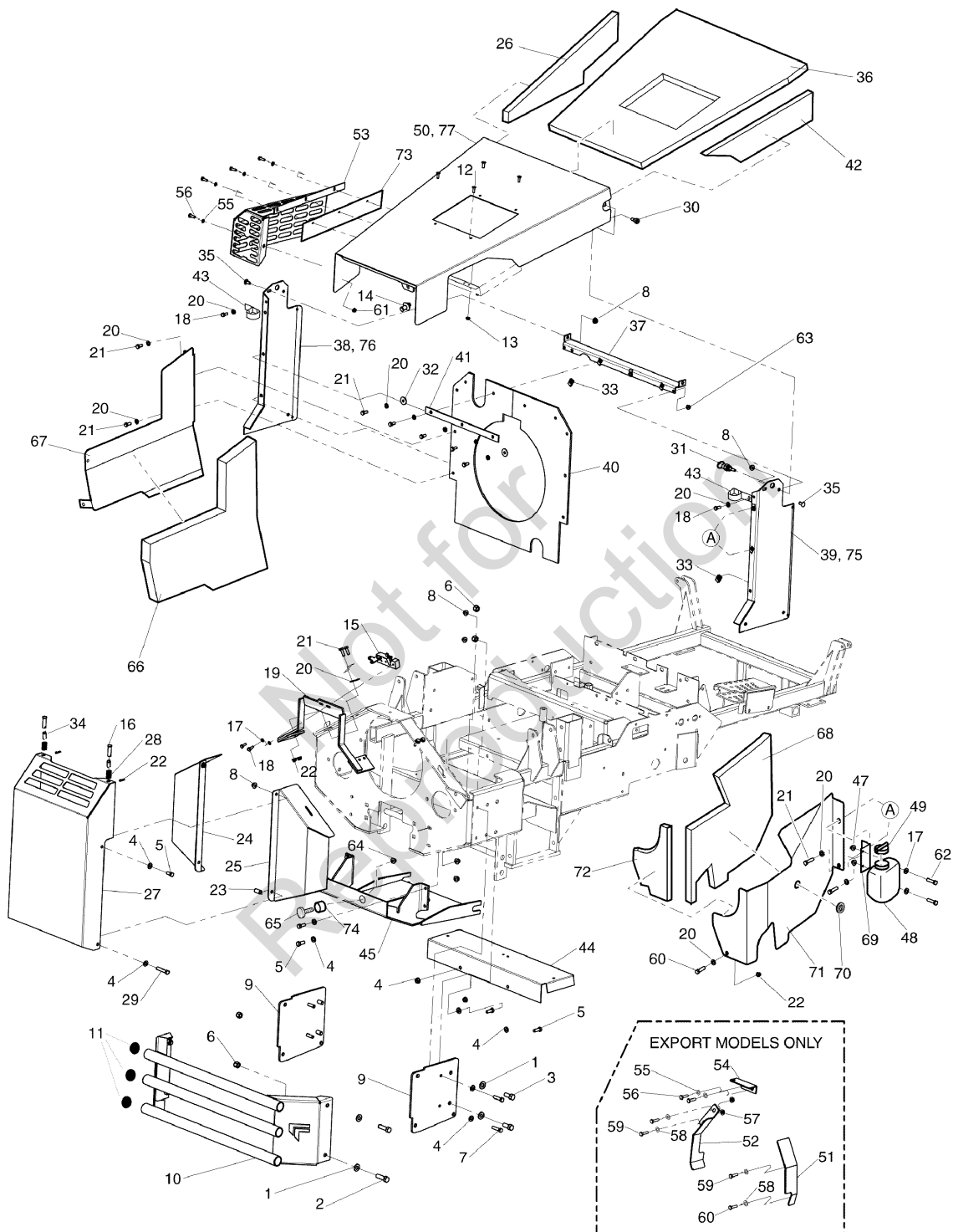
Footnotes

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

5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)
5900617 (IS5100Z/C33DCE) (2006)

Hood, Bumper & Shields Group (All Models - S/N: 2000592673 & Above)

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



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

5900618 (IS5100Z/C33D61CE) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900979 (IS5100Z/C33D31CE)
5900723 (IS5100Z/C33DCE)
5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)

Hood, Bumper & Shields Group (All Models - S/N: 2000592673 & Above)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025158	8	WASHER, 1/2" SAE
2	5025018X14	4	BOLT, 1/2-20 X 1-3/4" GD5 YZ
3	5025018X10	4	BOLT, 1/2-20 X 1-1/4" GD5 YZ
4	5025156	12	WASHER, 3/8" SAE
5	5025013X8	4	BOLT, 3/8-16 X 1" GD5 YZ
6	5025098	8	NUT, 1/2-20 HEX NYLON LOCK
7	5025013X10	6	BOLT, 3/8-16 X 1-1/4" GD5
8	5025394	12	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5400625B	2	PLATE, BUMPER MOUNT - RED
10	5400255B	1	WELD, BUMPER, SERVICE IS4500 - RED
11	5023484	6	PLUG, PANEL, 1.25 - BLACK
12	5025299X4	4	SCREW, 1/4-20 X 1/2" ALLEN BH
13	5025391	4	NUT, 1/4-20 NYLOCK FLANGE
14	5100266	1	BOLT/WASHER ASM HOOD LATCH
15	5100265	1	HOOD LATCH, IS5000
16	5022807	2	BUMPER, RUBBER, 5/16-18
17	5025154	4	WASHER, 1/4" SAE
18	5025010X6	2	BOLT, 1/4-20 X 3/4", GD5
19	5400937B	1	WELD, MOUNT HOOD LATCH - RED
20	5025155	11	WASHER, 5/16" SAE
21	5025011X8	16	BOLT, 5/16-18 X 1" GD5 YZ
22	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE
23	5044959	2	SPACER, .38 X .50 X 1.00
24	5400345B	1	WELD, BUMPER SIDE LH IS5000 - RED
25	5400343B	1	WELD, BUMPER SIDE RH IS5000 - RED
26	5402325	1	FOAM BAFFLE, HOOD - LEFT
27	5400341B	1	WELD, CENTER BUMPER IS5000 - RED
28	5061833	2	SPRING, HOOD LATCH
29	5025013X14	2	BOLT, 3/8-16 X 1-3/4" GD5
30	5025356	2	BOLT, 3/8-16 X 3/8", 1/2" SHOULDER
31	5100010	1	PIN, LATCH, SPR LOADED-PULL ACT
32	5044617	1	WASHER, .34 X 1.25 X 10 GA
33	5022308	10	BODY CLIP, 5/16-18 X 1/2" DEEP
34	5047199	2	SPACER, .38 X .50 X .75
35	5025145X6	2	BOLT, 5/16-18 X 3/4", CARRIAGE
36	5402324	1	FOAM BAFFLE, HOOD - CENTER
37	5400813B	1	SHROUD, SUPPORT
38	5400765B	1	WELD, SHROUD CHANNEL - LH - RED (S/N: 2012653646 & BELOW)
39	5400786B	1	WELD, SHROUD CHANNEL, RH - RED (S/N: 2012653646 & BELOW)
40	5100178	1	SHROUD, RUBBER IS5000Z
41	5061268B	1	BAR, RUBBER SUPPORT SIDE

Footnotes

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

5900618 (IS5100Z/C33D61CE) (2006)

5900617 (IS5100Z/C33DCE) (2006)

5900979 (IS5100Z/C33D31CE)

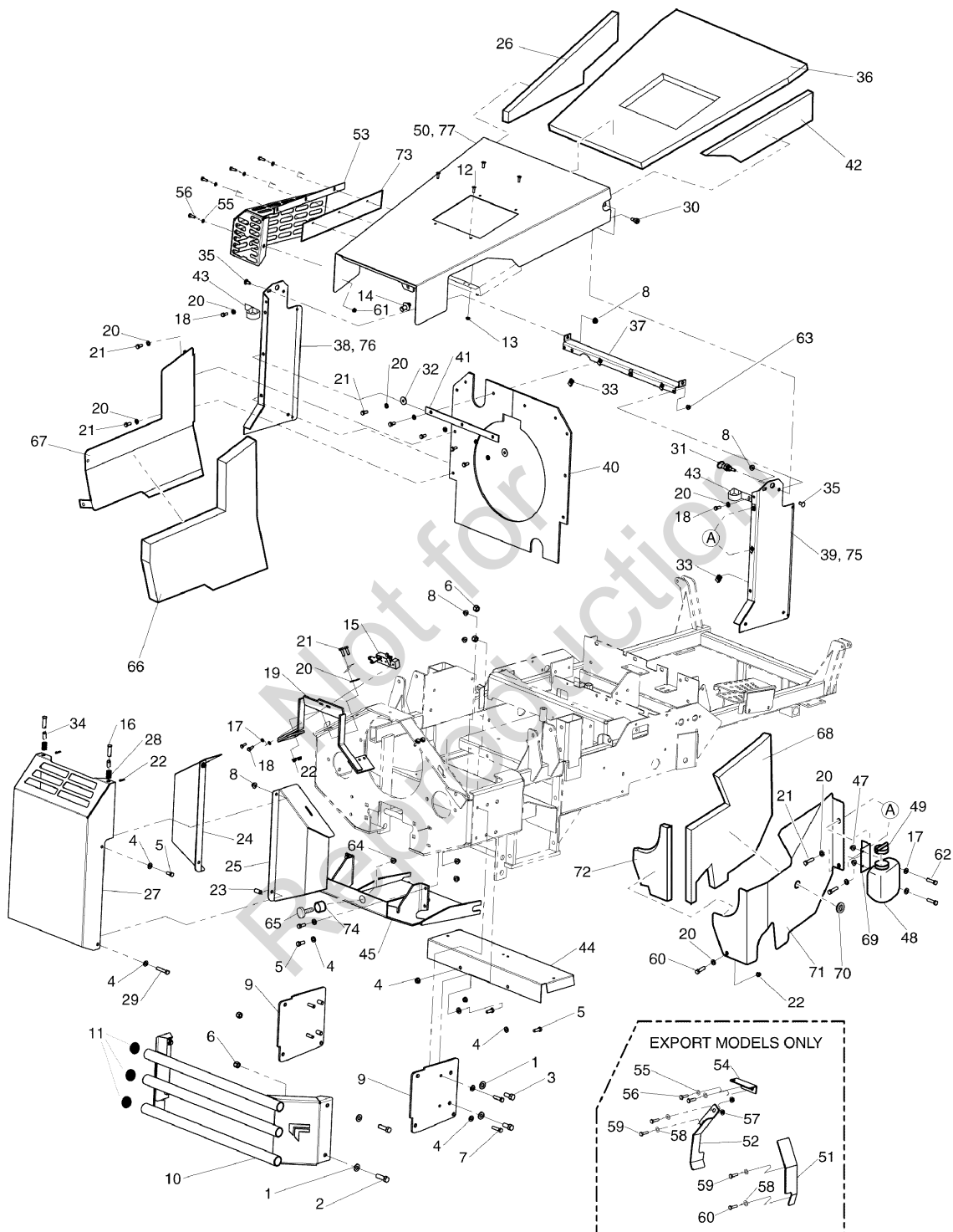
5900723 (IS5100Z/C33DCE)

5900602 (IS5100Z/C33D) (2006)

5900708 (IS5100Z/C33D61)

Hood, Bumper & Shields Group (All Models - S/N: 2000592673 & Above)

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



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

5900618 (IS5100Z/C33D61CE) (2006)

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5900723 (IS5100Z/C33DCE)

5900602 (IS5100Z/C33D) (2006)

5900708 (IS5100Z/C33D61)

Hood, Bumper & Shields Group (All Models - S/N: 2000592673 & Above)

REF NO	PART NO.	QTY.	DESCRIPTION
42	5402326	1	FOAM BAFFLE, HOOD - RIGHT
43	5025430	2	CLAMP, 5/16 DOUBLE, WIRE & TUBE
44	5401140B	1	SHIELD, DEBRIS - RED
45	5400926B	1	WELD, SKID PLATE - RED
46	5022922	1	CLAMP, #4 HOSE, STAINLESS (not shown)
47	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
48	5022883X34	1	EXPANSION TANK (includes Ref. No. 49)
49	5022883X35	1	CAP
50	5401652B	1	WELD, HOOD - RED (S/N: 2012653646 & BELOW)
51	5401416B	1	GUARD, FLYWHEEL CE, RH (CE - EXPORT MODELS ONLY) (S/N: 2000786068 & BELOW)
52	5401418B	1	GUARD, FLYWHEEL CE, LH (CE - EXPORT MODELS ONLY) (S/N: 2000786068 & BELOW)
53	5401547B	1	WELD, MUFFLER GUARD - RED
54	5401417B	1	GUARD, HOOD LATCH (CE - EXPORT MODELS ONLY)
55	5025154	6	WASHER, 1/4" SAE
56	5025010X6	6	BOLT, 1/4-20 X 3/4" GD5 YZ
57	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE (S/N: 2000786068 & BELOW)
58	5025155	4	WASHER, 5/16" SAE (S/N: 2000786068 & BELOW)
59	5025011X8	3	BOLT, 5/16-18 X 1" GD5 YZ (S/N: 2000786068 & BELOW)
60	5025011X10	1	BOLT, 5/16-18 X 1-1/4" GD5 YZ (S/N: 2000786068 & BELOW)
61	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
62	5025010X6	2	BOLT, 1/4-20 X 3/4"
63	5025126	2	NUT, 1/4-20 SERRATED FLANGE
64	5025057	2	NUT, 5/16-18 HEX NYLON LOCK
65	5022807	2	BUMPER, RUBBER, 5/16-18
66	5402315	1	FOAM, SOUND BAFFLE, LH
67	5402313B	1	WELD, SOUND SHIELD, LH - RED
68	5402316	1	FOAM, SOUND BAFFLE, RH
69	5402310B	1	BRACKET, COOLANT RESERVOIR - RED
70	5023236	1	GROMMET, 3/4"
71	5402314B	1	PLATE, SOUND SHIELD, RH - RED
72	5402317	1	FOAM, SOUND BAFFLE
73	5402323B	1	PLATE, HOOD, SOUND SHIELD - RED
74	5044609	2	SPACER, .52 X 1.00 X .38
75	5403867B	1	WELD, SHROUD CHANNEL - RH (S/N: 2012653647 & ABOVE)
76	5403866B	1	WELD, SHROUD CHANNEL - LH (S/N: 2012653647 & ABOVE)
77	5403870B	1	WELD, HOOD, IS5100Z (S/N: 2012653647 & ABOVE)

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

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5900617 (IS5100Z/C33DCE) (2006)

5900979 (IS5100Z/C33D31CE)

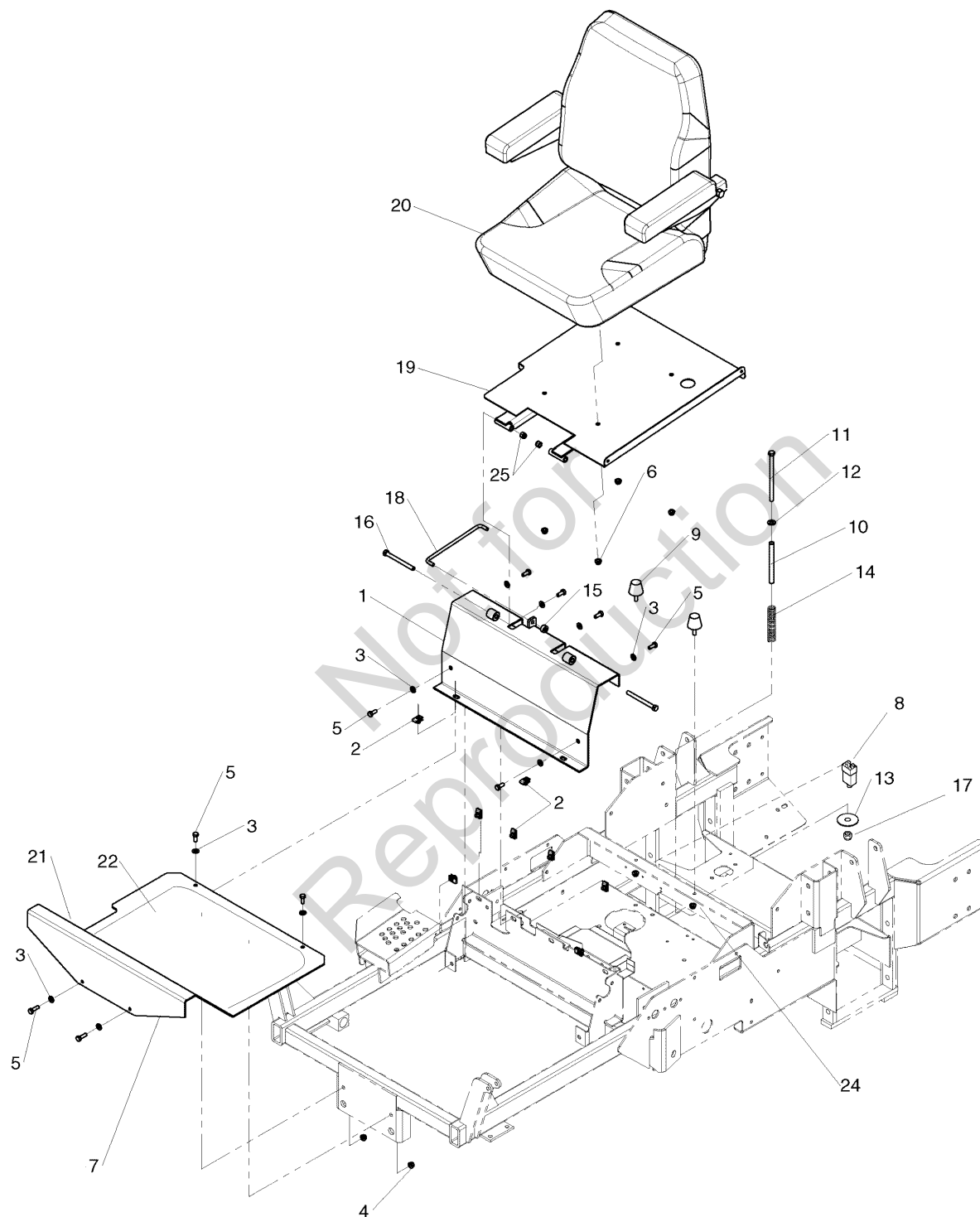
5900723 (IS5100Z/C33DCE)

5900602 (IS5100Z/C33D) (2006)

5900708 (IS5100Z/C33D61)

Seat, Mount & Floor Group

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



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

5900618 (IS5100Z/C33D61CE) (2006)

5900708 (IS5100Z/C33D61)

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5900979 (IS5100Z/C33D31CE)

5900617 (IS5100Z/C33DCE) (2006)

5900602 (IS5100Z/C33D) (2006)

Seat, Mount & Floor Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600304	1	SEAT PLATE W/ DECALS, IS5100Z (Includes safety decals)
2	5022308	8	BODY CLIP, 5/16-18 X 1/2" DEEP
3	5025155	10	WASHER, 5/16" SAE
4	5025139	2	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
5	5025011X8	10	BOLT, 5/16-18 X 1" GD5
6	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
7	5400277B	1	PLATE, FLOOR DETAIL - RED
8	5022094	1	SWITCH, PLUNGER, N.C./N.C.
9	5022612	2	BUMPER, RUBBER 5/16-18
10	5046586	1	SPACER, .38 X .50 X 5.06
11	5025013X48	1	BOLT, 3/8-16 X 6" GR5 YZ
12	5025156	1	WASHER, 3/8" SAE
13	5025326	1	WASHER, 2.00 X .390 X .135
14	5022798	1	SPRING, COMP, .835 X.105 X4.26
15	5020047	1	COLLAR, 5/16" SET
16	5025013X32	2	BOLT, 3/8-16 X 4" GD5 YZ
17	5025096	1	NUT, 3/8-16 HEX NYLON LOCK
18	5061835	1	ROD, SEAT STOP
19	5400713B	1	WELD, SEAT MOUNT - RED
20	5022955	1	SEAT, DELUXE, GRAY (COMPLETE) (S/N: 2014582798 & BELOW)
20	5102760	1	SEAT, 1110EVC, COMPANION
21	5101007	1	SAFETY WALK, 17.38 X 6.00
22	5100999	1	SAFETY WALK, 11.50 X 17.38
23	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
24	5025394	2	NUT, 3/8-16 HEX NYLON FLANGE
25	5022955X1	1	SEAT BOTTOM COVER (SV) (Not shown)
26	5100652	1	SPRING, EXTENSION, 4" SEAT ADJUSTMENT (SV) (Not shown)
27	5022955X2	1	CUSHION, BACK COVER (SV) (Not shown)
28	5022955X3	2	ARM REST SET (SV) (Not shown)
29	5022955X4	2	ARM REST PADS (SV) (Not shown)
30	5020930X3	1	SEAT ADJUSTMENT RAILS (SV) (Not shown)

Footnotes

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

5900618 (IS5100Z/C33D61CE) (2006)

5900708 (IS5100Z/C33D61)

5900723 (IS5100Z/C33DCE)

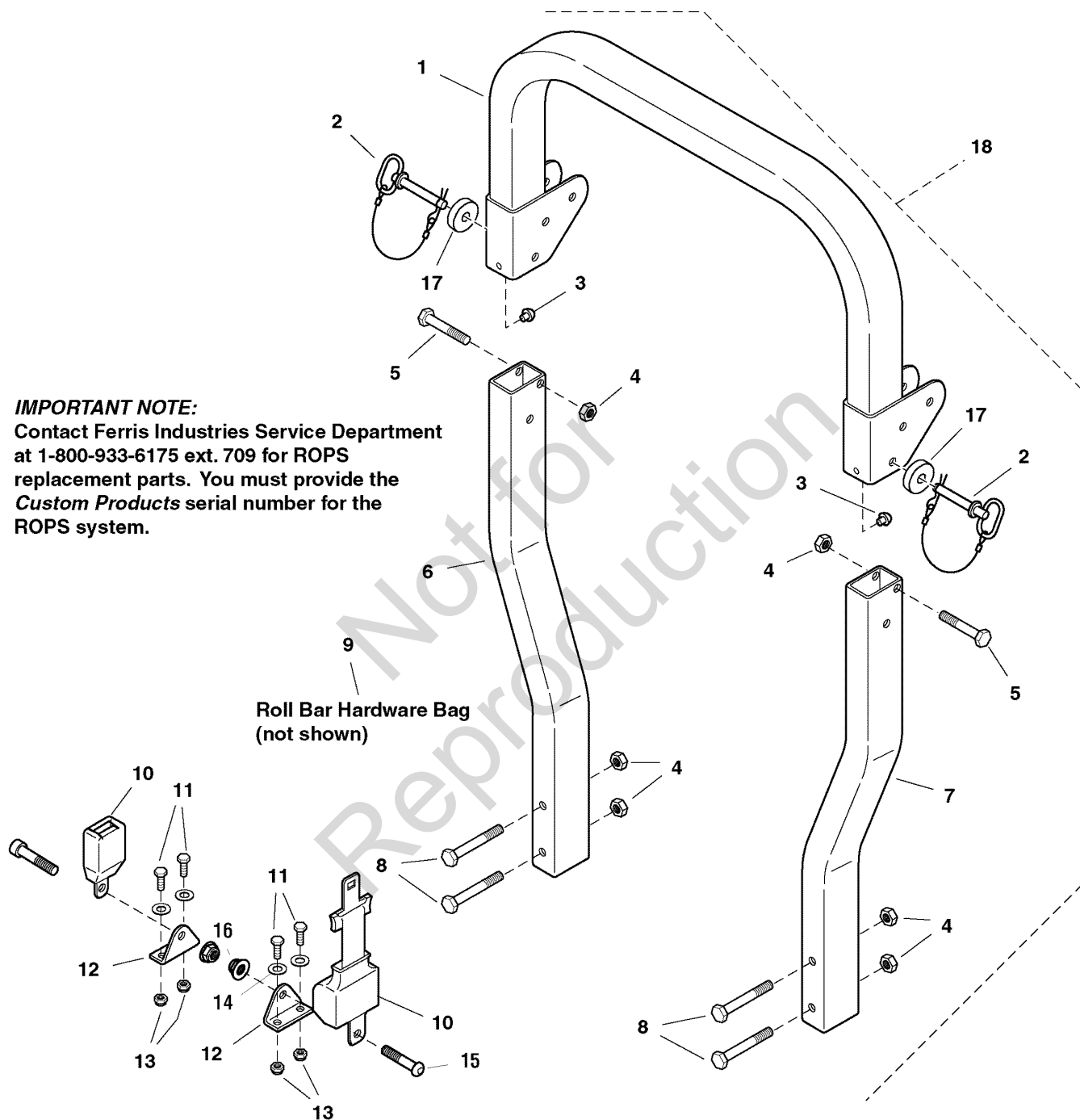
5900979 (IS5100Z/C33D31CE)

5900617 (IS5100Z/C33DCE) (2006)

5900602 (IS5100Z/C33D) (2006)

Roll Bar & Seat Belt Group

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



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

5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)
5900979 (IS5100Z/C33D31CE)

Roll Bar & Seat Belt Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	-	1	ROLL BAR TOP LOOP (see drawing note)
2	5100079	2	PIN, Hitch, Black W/ Plastic Lanyard
3	5100383	2	RUBBER BUMPER
4	-	6	NUT (see footnote)
5	-	2	BOLT (see footnote)
6	-	1	ROLL BAR POST, RH (see drawing note)
7	-	1	ROLL BAR POST, LH (see drawing note)
8	-	4	BOLT (see footnote)
9	5100379	1	ROLL BAR HARDWARE BAG (Includes hitch pins)
10	5100139	1	SEAT BELT ASSEMBLY, Standard (Includes mounting hardware)
10	5100397	1	SEAT BELT ASSEMBLY, Extra Long (Includes mounting hardware)
11	5025013X8	4	BOLT, 3/8-16 x 1"
12	5400727B	2	PLATE, SEAT BELT, BRACKET
13	5025394	4	NUT, 3/8-16 Hex Nylock Flange
14	5025156	4	WASHER, 3/8" SAE
15	5100267	2	SCREW, 1/2-13 X 1" SHCS
16	5025396	2	NUT, 1/2-13 NYLOCK FLANGE
17	5100545	2	RUBBER WASHER
18	5100187	1	ROPS, COMPLETE IN BOX, IS5100Z

Footnotes

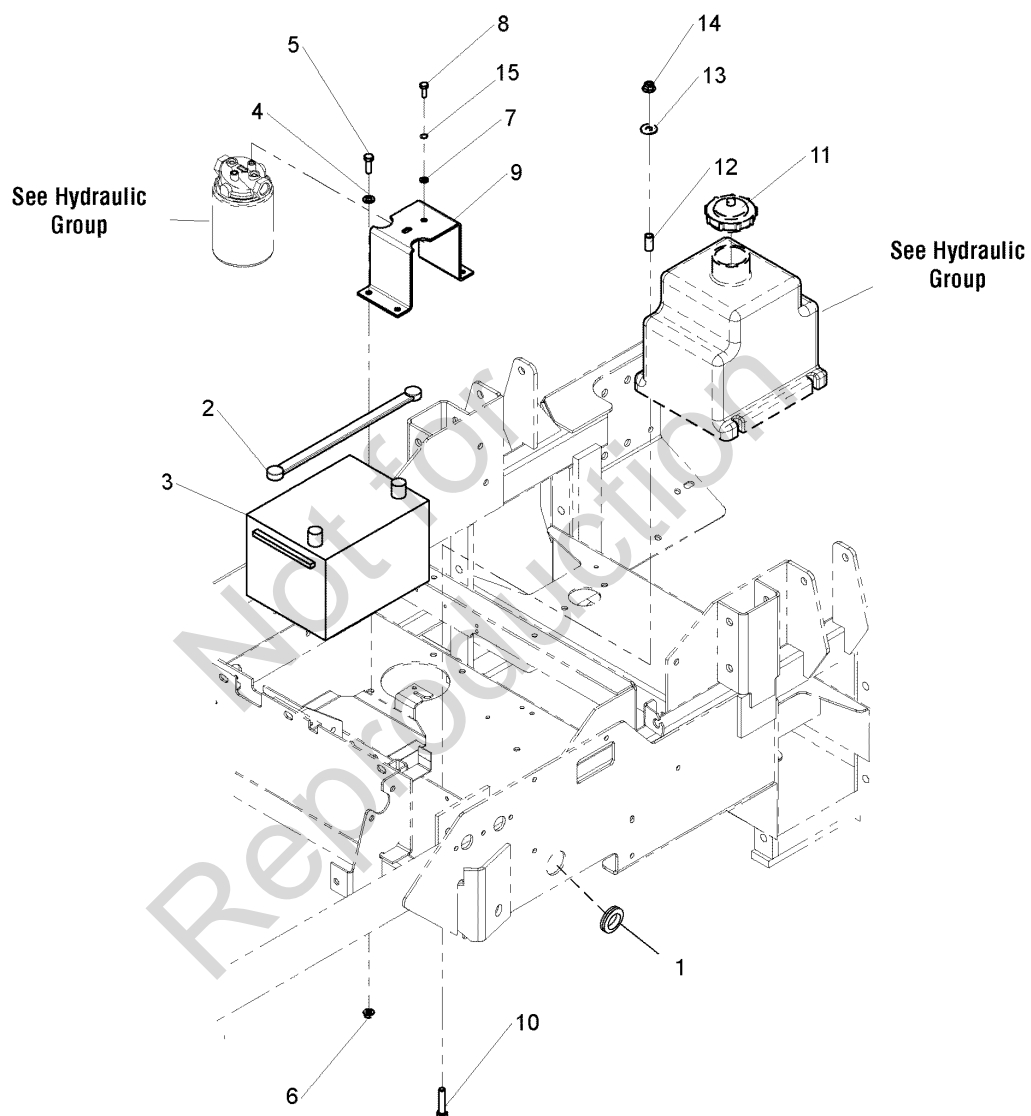
Not serviced. For replacement hardware, you must purchase the Roll Bar Hardware Bag (Ref. No. 9).

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

5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)
5900979 (IS5100Z/C33D31CE)

Seat Compartment Group

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



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

5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900979 (IS5100Z/C33D31CE)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)

Seat Compartment Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5021397	2	GROMMET, 1-1/4
2	1722009	1	STRAP-BLACK RUBB
3	-	1	BATTERY, 12V (BCI58, 500 CCA)
4	5025155	4	WASHER, 5/16" SAE
5	5025011X8	4	BOLT, 5/16-18 X 1" GD5 YZ
6	5025392	4	NUT, 5/16-18 NYLOCK FLANGE
7	5025154	2	WASHER, 1/4" SAE
8	5025010X6	2	BOLT, 1/4-20 X 3/4" GD5 YZ
9	5401130B	1	MOUNT, OIL FILTER - RED
10	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5
11	5022437	1	CAP, 2-1/2" VENTED
12	5044959	4	SPACER, .38 X .50 X 1.00
13	5025401	4	WASHER, 3/8" USS
14	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
15	5025169	2	WASHER, 1/4 LOCK

Not for
Reproduction

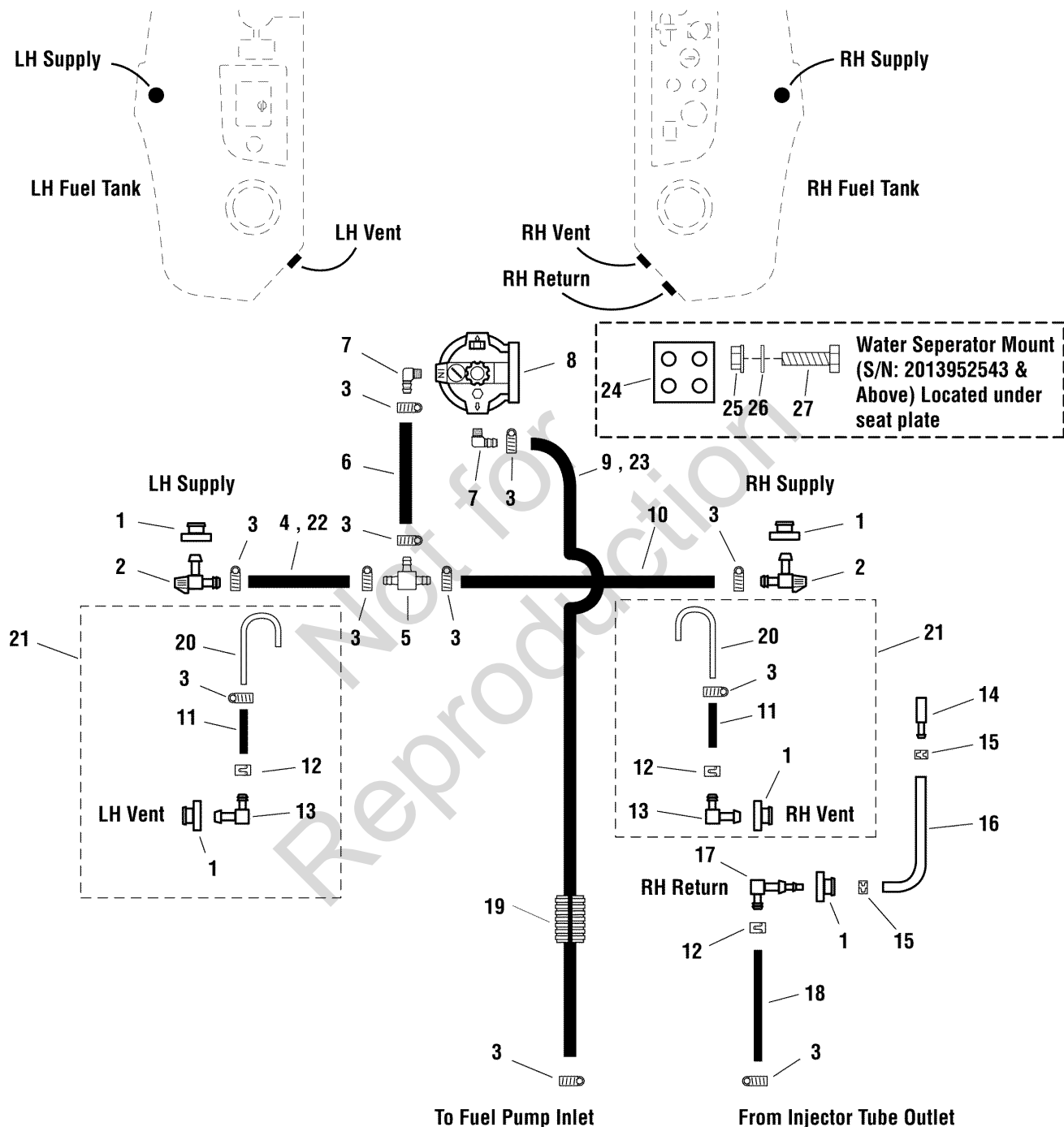
Footnotes

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

5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900979 (IS5100Z/C33D31CE)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)

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.:

5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)
5900602 (IS5100Z/C33D) (2006)
5900979 (IS5100Z/C33D31CE)

Fuel Supply Hose & Tank Replacement Parts Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600050	5	GROMMET
2	5023060	2	VALVE, Fuel Shut Off
3	5022922	11	CLAMP, #4 Hose
4	5050919X26P5	1	HOSE, 3/8" FUEL, 26.50"
5	5022920	1	FITTING, TEE, 3/8" Hose
6	5050919X3P5	1	HOSE, 3/8" FUEL, 3.50" (S/N: 2013952542 & Below)
7	5022708	2	FITTING, 1/4" NPT, 90 Deg.
8	5022926	1	FILTER/WATER SEPARATOR ASSEMBLY, Complete
8	5022926X1	1	FUEL FILTER
8	5022926X2	1	O-RING SEAL (between filter and bowl)
8	5022926X3	1	BOWL
9	5050919X54	1	HOSE, 3/8" FUEL, 54.00" (S/N: 2013952542 & Below)
10	5050919X35	1	HOSE, 3/8" FUEL, 35.00
11	5050831X16	2	HOSE, 1/4" FUEL, 16.00"
12	5020835	3	CLAMP, Hose
13	1674231	2	ELBOW FITTING
14	-	1	SEE REF # 16
15	-	2	SEE REF # 16
16	5101158	1	HOSE ASSEMBLY
17	-	1	SEE REF # 16
18	5050831X33P5	1	HOSE, 1/4" FUEL, 33.50"
19	5050861X25	2	LOOM, 5/8" I.D., 25
20	5404079	2	VENT TUBE, DIESEL
21	5600160	1	KIT, FUEL TANK VENT LINE (Includes Ref Nos 1, 3, 11 - 13 & 20)
22	5050919X5P5	1	HOSE, 3/8" FUEL, 5.5" (S/N: 2013952543 & Above)
23	5050919X56	1	HOSE, 3/8" FUEL, 56" (S/N: 2013952543 & Above)
24	5406039D	1	MOUNT, WATER SEPERATOR - RED (S/N: 2013952543 & Above)
25	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE (S/N: 2013952543 & Above)
26	5025156	4	WASHER, 3/8 SAE (S/N: 2013952543 & Above)
27	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 YZ (S/N: 2013952543 & Above)

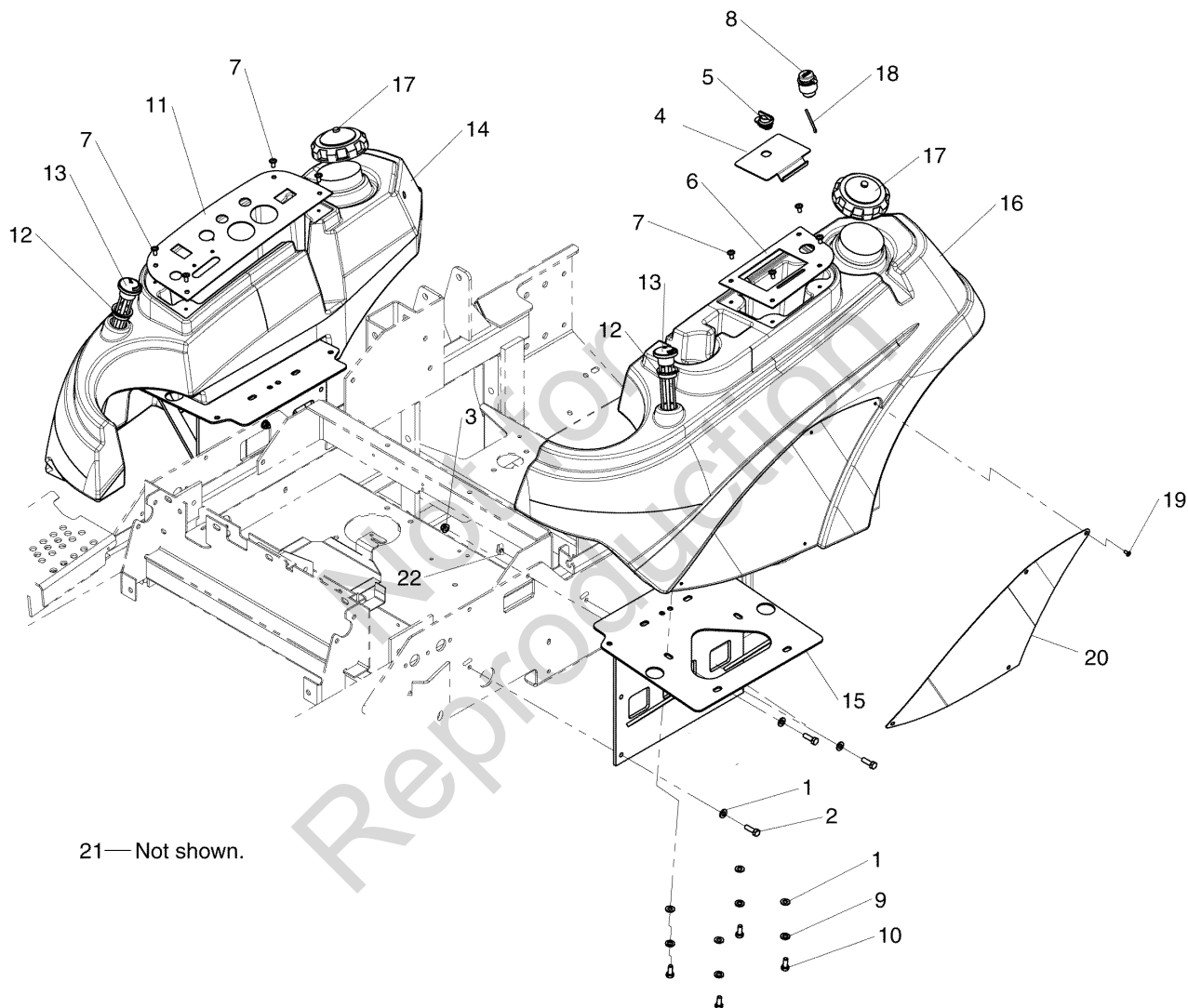
Footnotes

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

5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)
5900602 (IS5100Z/C33D) (2006)
5900979 (IS5100Z/C33D31CE)

Fuel Tank & Mount Group

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



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

5900617 (IS5100Z/C33DCE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900979 (IS5100Z/C33D31CE)
5900708 (IS5100Z/C33D61)
5900723 (IS5100Z/C33DCE)

Fuel Tank & Mount Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025155	20	WASHER, 5/16" SAE
2	5025011X8	8	BOLT, 5/16-18 X 1" GD5
3	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
4	5061406A	1	COVER, CONTROL PANEL
5	5023395	1	LATCH, CONTROL PANEL
6	5061310A	1	PANEL, CONTROL - LH
7	5025299X4	8	SCREW, ALLEN HEAD, 1/4-20X1/2
8	5100016	1	POWER, OUTLET - 12 VOLT
9	5025170	12	WASHER, 5/16" LOCK
10	5025011X6	12	BOLT, 5/16-18 X 3/4" GRD5
11	-	-	CONTROL PANEL (See Instrument Panel Group)
12	5022917X1	2	GROMMET, FUEL GAUGE
13	5022917	2	GAUGE, FUEL 12"
14	5061298	1	TANK, FUEL, IS4500Z, RH
15	5400243B	2	WELD, FUEL TANK MOUNT
16	5061299	1	TANK, FUEL, IS4500Z LH
17	5022915	2	CAP, FUEL TANK, 3-1/2" NECK
18	5025203X10	1	PIN, COTTER, 1/8" X 1-1/4" (installed with head on the bottom)
19	5025386	8	SCREW, Allen Head, #10-24 x 3/8"
20	5061301B	2	PLATE, BADGE, IS4500Z
21	5047993B	2	GUARD, TANK VALVE (not shown)
22	5022308	4	CLIP, BODY 5/16-18

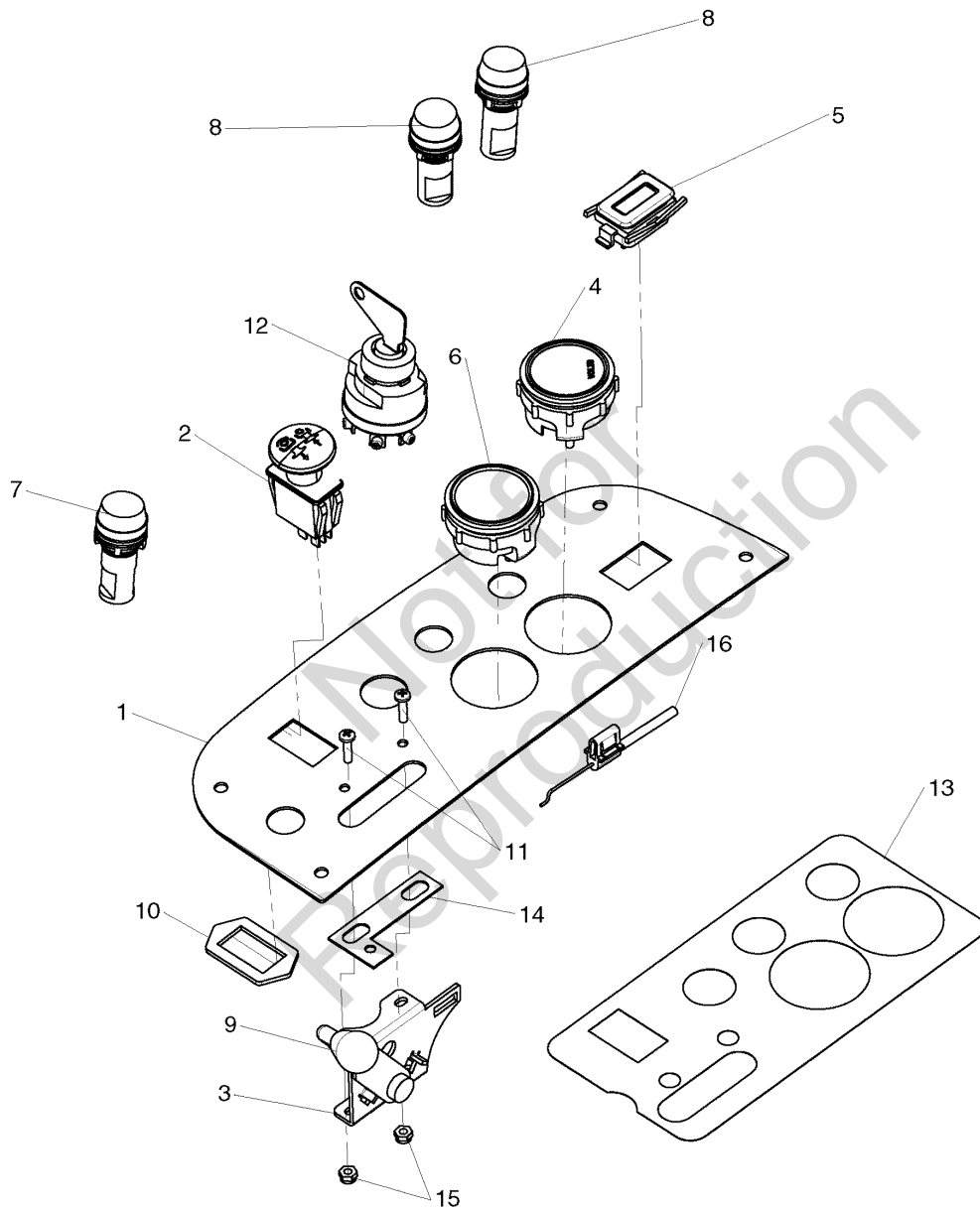
Footnotes

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

5900617 (IS5100Z/C33DCE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900979 (IS5100Z/C33D31CE)
5900708 (IS5100Z/C33D61)
5900723 (IS5100Z/C33DCE)

Instrument & Control Panel Group

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



Note: Hour meter installed so as to be read from outside of machine.

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

5900708 (IS5100Z/C33D61)
5900723 (IS5100Z/C33DCE)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900979 (IS5100Z/C33D31CE)

Instrument & Control Panel Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5401006A	1	CONTROL PANEL, IS5000Z RH - BLK
2	5022180	1	SWITCH, BLADE ENGAGEMENT
3	5046360	1	HANDLE, THROTTLE CONTROL (with knob)
4	5022387	1	GUAGE, VOLTS
5	5102417	1	HOUR METER
6	5023393	1	GAUGE, WATER TEMPERATURE
7	5023451	1	LIGHT, GLOW PLUG, 22MM AMBER
8	5023452	2	LIGHT, WARNING, 22MM RED
9	5046360X1	1	KNOB
10	5022222	1	RING, SWITCH RETAINER
11	5025179X6	2	SCREW, #10-24 X 3/4"
12	5022883X1	1	SWITCH, IGNITION, COMPLETE
12	5022883X2	1	KEY, IGNITION (not shown)
12	5022883X3	1	COVER PLATE (not shown)
13	5100315	1	DECAL, CONTROL PANEL
14	5048475	1	PLATE, THROTTLE STOP (export model only)
15	5025271	2	NUT, #10-24 HEX NYLON LOCK
16	5046392	1	CABLE, THROTTLE CONTROL, 47.5"

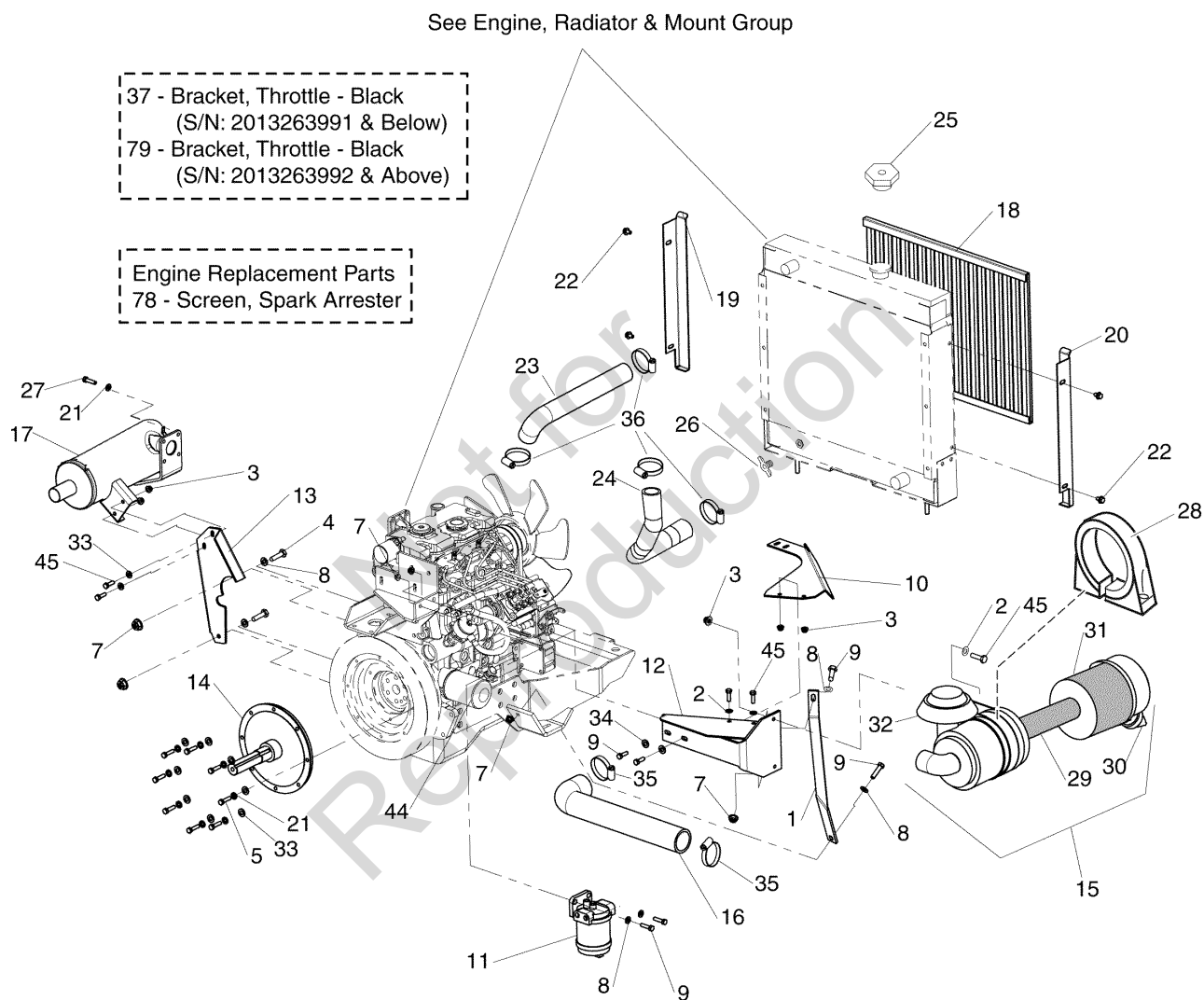
Footnotes

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

5900708 (IS5100Z/C33D61)
5900723 (IS5100Z/C33DCE)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900979 (IS5100Z/C33D31CE)

Engine & Radiator Accessories Group

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



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

5900979 (IS5100Z/C33D31CE)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)
5900723 (IS5100Z/C33DCE)

Engine & Radiator Accessories Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5400603B	1	SUPPORT, AIR FILTER - RED
2	5025155	2	WASHER, 5/16" SAE
3	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE
4	5025013X14	2	BOLT, 3/8-16 X 1-3/4" GD5
5	5025011X10	8	BOLT, 5/16-18 X 1-1/4" GD5 YZ
6	5023449	1	SENDER, WATER, TEMPERATURE, 3/8 NPT (on engine)(not shown)
7	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE
8	5025156	6	WASHER, 3/8" SAE
9	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5
10	5400582B	1	PLATE, AIR FILTER - RED
11	5022883X19B	1	FUEL FILTER ASSEMBLY (19B & 19C)
11	5022883X19C	1	FUEL FILTER ELEMENT ONLY
12	5049755B	1	WELD, AIR FILTER MOUNT
13	5400799B	1	BRACKET, MUFFLER IS5000
14	5100041	1	SHAFT, STUB, FLYWHEEL PLATE Order 5025499 (1) & 5101524 (1) when replacing 5100041.
15	809218	1	5" AIR CLEANER ASSEMBLY
16	5100086	1	HOSE, AIR FILTER IS5000
17	5100556	1	MUFFLER, 3013C CAT DIESEL ENG
18	5023129	1	SCREEN, FRONT,RAD, IS5000Z-DSL
19	5048533B	1	BRACKET, RADIATOR SCREEN - LH
20	5048534B	1	BRACKET, RADIATOR SCREEN - RH
21	5025170	8	WASHER, 5/16" LOCK
22	5023158	4	BOLT, 5/16-18 X 1/2" FLANGE, SPEC
23	5100393	1	HOSE, UPPER RADIATOR-33HP CAT
24	5100394	1	HOSE, LOWER RADIATOR - CAT
25	5023150	1	PRESSURE CAP
26	5023151	1	PETCOCK VALVE
27	5025237	4	BOLT, M8 X 25MM
28	807213	1	BRACKET, AIR CLEANER ASSY - 5
29	841238	1	AIR FILTER ELEMENT (SECONDARY)
30	5022883X32	1	AIR CLEANER DUST VALVE
31	841237	1	AIR FILTER ELEMENT (PRIMARY)
32	809268	1	RAIN CAP ASSEMBLY
33	5025292	11	WASHER, 5/16" GD.9 FLAT
34	5025293	2	WASHER, 3/8" GD.9 FLAT
35	5023448	2	CLAMP, SS HOSE 2-3/4"
36	5022883X54	4	HOSE CLAMP
37	5400249A	1	BRACKET, THROTTLE - BLACK (S/N: 2013262991 & Below)(throttle parts on engine)(not shown)
38	5047650	1	CLAMP, BARREL, THROTTLE (throttle parts on engine)(not shown)
39	5022901	1	CLAMP, CONDUIT (throttle parts on engine)(not shown)
40	5025179X4	2	SCREW, #10-24 X 1/2" ROUND PHILLIPS (throttle parts on engine)(not shown)

Footnotes

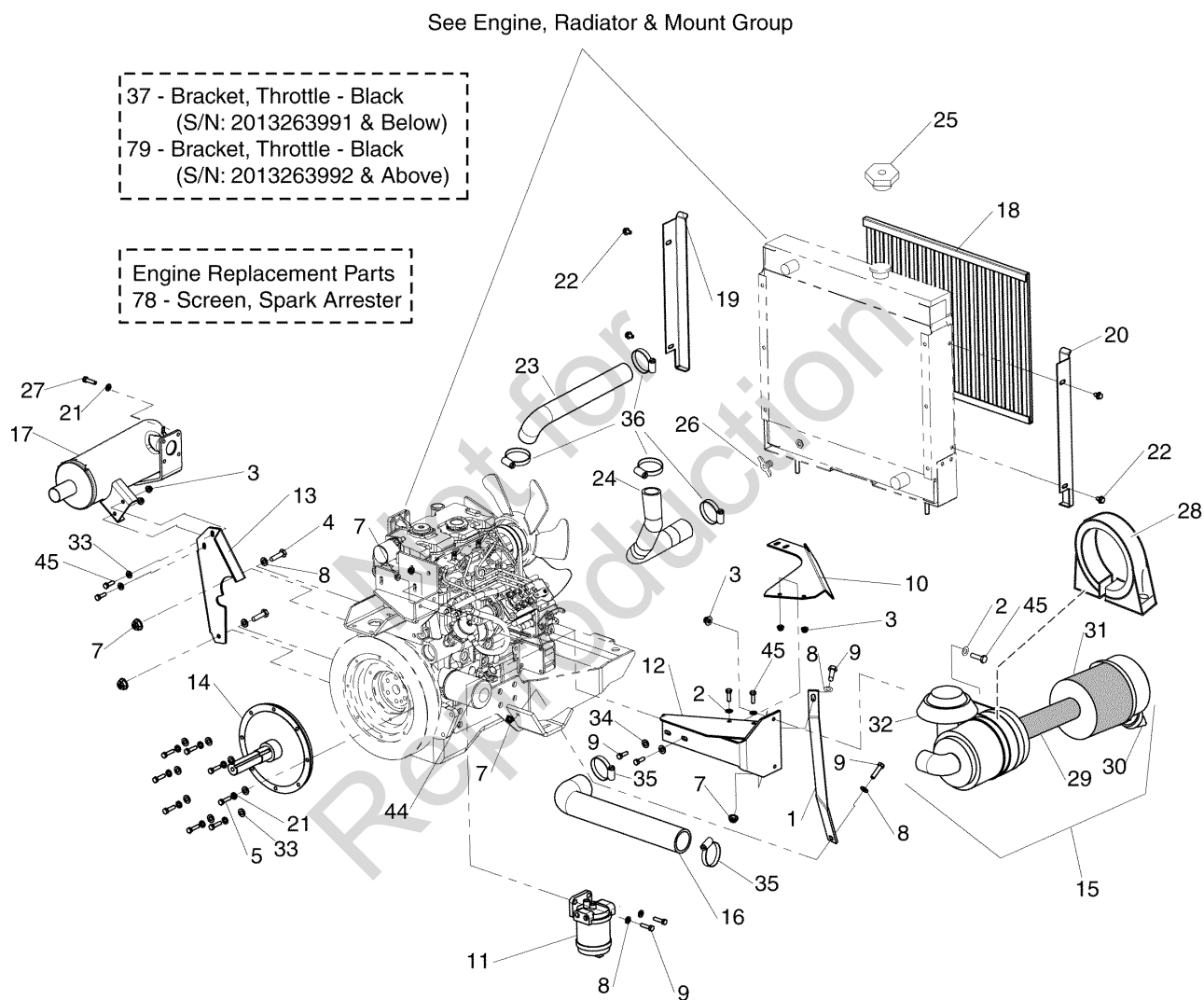
Order 5025499 (1) & 5101524 (1) when replacing 5100041.

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

5900979 (IS5100Z/C33D31CE)
 5900617 (IS5100Z/C33DCE) (2006)
 5900618 (IS5100Z/C33D61CE) (2006)
 5900602 (IS5100Z/C33D) (2006)
 5900708 (IS5100Z/C33D61)
 5900723 (IS5100Z/C33DCE)

Engine & Radiator Accessories Group

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



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

5900979 (IS5100Z/C33D31CE)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)
5900723 (IS5100Z/C33DCE)

Engine & Radiator Accessories Group

REF NO	PART NO.	QTY.	DESCRIPTION
41	5025169	2	WASHER, 1/4" LOCK (throttle parts on engine)(not shown)
42	5025271	1	NUT, #10-24 HEX NYLON LOCK (throttle parts on engine)(not shown)
43	5025420	1	NUT, M6-1.0 (for alternator)(not shown)
44	5022883X11	1	FILTER, ENGINE OIL
45	5025011X8	2	BOLT, 5/16-18 X 1" GD5 YZ
46	5022883X7	1	OIL FILL CAP (Not shown.)
47	5022883X8	1	SEAL, OIL FILL (Not shown.)
48	5022883X9	1	SOLENOID, FUEL, 1 - POST (Not shown.)
49	5022883X10	1	WASHER, FUEL SOLENOID (Not shown.)
50	5022883X12	1	WATER PUMP (Not shown.)
51	5022883X16	1	GASKET, WATER PUMP (Not shown.)
52	5022883X17	1	THERMOSTAT (Not shown.)
53	5022883X18	1	GASKET, THERMOSTAT (Not shown.)
54	5022883X20	1	DIP STICK (Not shown.)
55	5022883X21	1	PLUG, OIL DRAIN (Not shown.)
56	5022883X22	1	WASHER, DRAIN PLUG (Not shown.)
57	5022883X23	1	STARTER MOTOR (Not shown.)
58	5022883X24	1	ALTERNATOR (Not shown.)
59	5022883X25	1	BELT, FAN & WATER PUMP (Not shown.)
60	5022883X26	1	FUEL PUMP (Not shown.)
61	5022883X27	1	GASKET, FUEL PUMP (Not shown.)
62	5022883X28	1	GLOW PLUG (Not shown.)
63	5022883X34	1	TANK, EXPANSION, COMPLETE (Not shown.)
64	5022883X35	1	CAP, TANK, EXPANSION (Not shown.)
65	5022883X36	1	EXHAUST GASKET (Not shown.)
66	5100221	1	SWITCH, OIL PRESSURE (Not shown.)
67	5022883X40	1	SWITCH, WATER TEMPERATURE (Not shown.)
68	5022883X41	1	STARTER SOLENOID (Not shown.)
69	5022883X42	1	SEAL, REAR MAIN (Not shown.)
70	5022883X43	1	SEAL, FRONT MAIN (Not shown.)
71	5022883X45	1	INDICATOR, AIR CLEANER (Not shown.)
72	5022883X47	1	INJECTOR ASSEMBLY (Not shown.)
73	5022883X48	1	WASHER, 4 HOLE (Not shown.)
74	5022883X49	1	WASHER, SEALING (Not shown.)
75	5022883X50	1	WASHER, CRUSH (Not shown.)
76	5022883X55	1	GASKET, VALVE COVER (Not shown.)
77	5022883X56	1	PARTS MANUAL, ENGINE (Not shown.)
78	5101641	1	SCREEN, SPARK ARRESTER (Not shown.)
79	5404060A	1	BRACKET, THROTTLE - BLACK (S/N: 2013262992 & Above)(Not shown.)(throttle parts on engine)
80	5100202	1	SOLENOID, FUEL, 2 - POST (Not shown.)

Footnotes

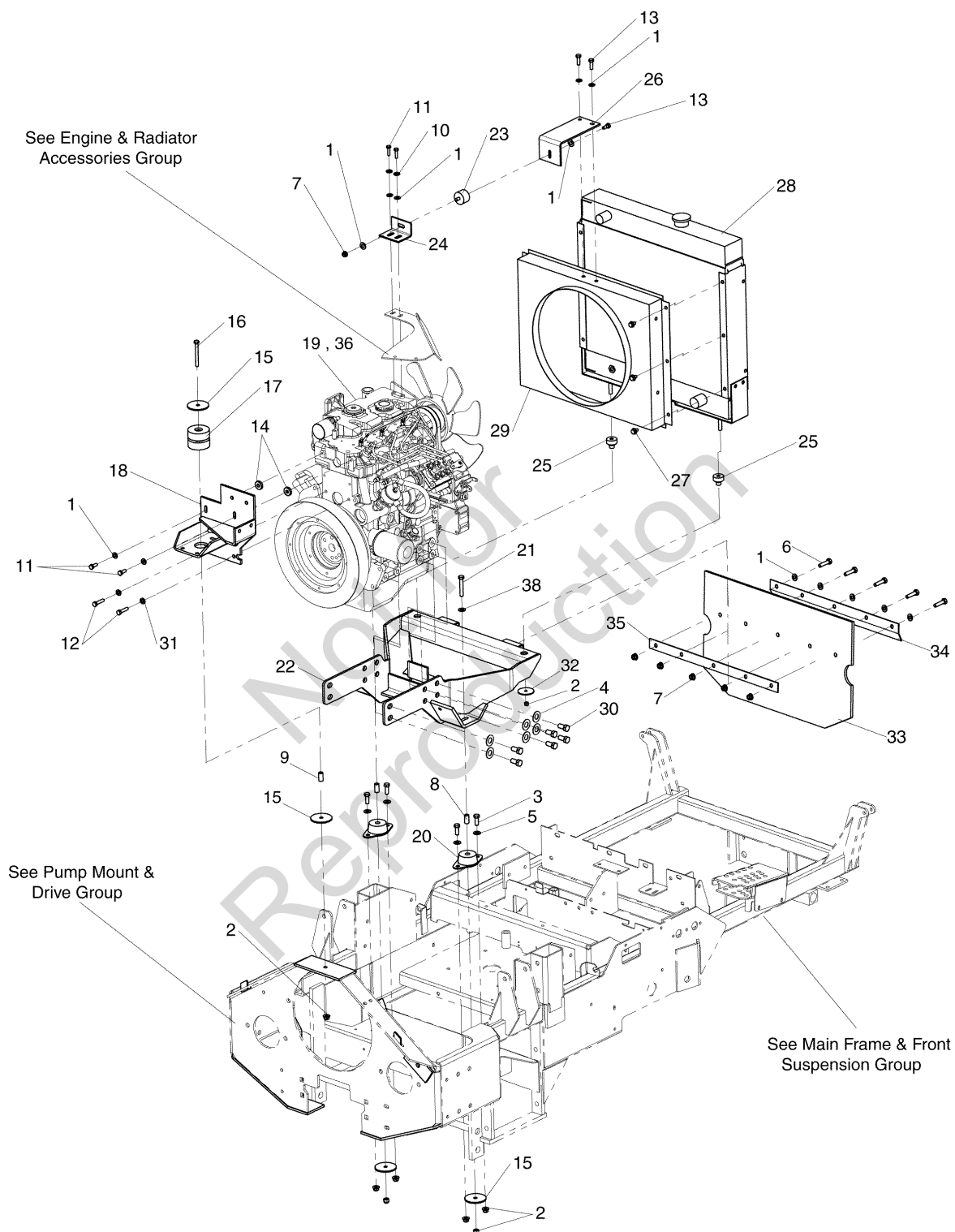
Order 5025499 (1) & 5101524 (1) when replacing 5100041.

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

5900979 (IS5100Z/C33D31CE)
 5900617 (IS5100Z/C33DCE) (2006)
 5900618 (IS5100Z/C33D61CE) (2006)
 5900602 (IS5100Z/C33D) (2006)
 5900708 (IS5100Z/C33D61)
 5900723 (IS5100Z/C33DCE)

Engine & Mount Group

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



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

5900723 (IS5100Z/C33DCE)
 5900617 (IS5100Z/C33DCE) (2006)
 5900708 (IS5100Z/C33D61)
 5900618 (IS5100Z/C33D61CE) (2006)
 5900602 (IS5100Z/C33D) (2006)
 5900979 (IS5100Z/C33D31CE)

Engine & Mount Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025155	12	WASHER, 5/16" SAE
2	5025394	9	NUT, 3/8-16 HEX NYLOCK FLANGE
3	5025013X8	4	BOLT, 3/8-16 X 1" GD5 YZ
4	5025150	12	WASHER, 1/2" USS
5	5025156	9	WASHER, 3/8" SAE
6	5025011X8	5	BOLT, 5/16-18 X 1" GD5 YZ
7	5025392	5	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5044959	2	SPACER, .38 X .50 X 1.00
9	5047380	1	SPACER, .38 X .62 X 1.62
10	5025170	2	WASHER, 5/16" LOCK
11	5025359	3	BOLT, M10-1.5 X 16MM GD8.8
12	5025358	2	BOLT, M10-1.5 X 30MM GD8.8
13	5025011X6	7	BOLT, 5/16-18 X 3/4" GD5
14	5044960	2	SPACER, .39 X 1.00 X .25
15	5047381	4	WASHER, .39 X 2.50 X .125
16	5025013X24	1	BOLT, 3/8-16 X 3" GD5 YZ
17	5022897	1	ISO-MOUNT, REAR
18	5400578B	1	WELD,MOTOR MOUNT, UPPER - RED
19	-	1	ENGINE,CAT DIESEL#3013C, TIER 3 (S/N: 2013262991 & Below)
20	5022896	2	ISO-MOUNT, ENGINE
21	5025013X18	2	BOLT, 3/8-16 X 2-1/4" GD5 YZ
22	5400294B	1	WELD, RADIATOR MOUNT - RED
23	5023130	1	MOUNT,ISO,TOP,RAD 5000Z-DIESEL
24	5400899B	1	MOUNT, RADIATOR, ENGINE - RED (2 piece)
25	5023131	2	MOUNT, ISO, BOTTOM, RAD 5000Z-DIESEL
26	5400898B	1	MOUNT, RADIATOR, ENGINE - RED
27	5023158	5	BOLT, 5/16-18 X 1/2" FLANGE, SPEC
28	5023127	1	RADIATOR,5000Z,DIESEL
29	5023128	1	SHROUD, RADIATOR, 5000Z-DIESEL
30	5025383	12	BOLT, M14-1.5 X 25MM
31	5025336	2	WASHER, LOCK, 10MM
32	5025305	2	WASHER, .41 X 1.75 X .14
33	5100296	1	SEAL, RADIATOR LOWER
34	5048564B	1	PLATE, RETAINING OUTER - RED
35	5048565B	1	PLATE, RETAINING - RED
36	-	1	ENGINE, CAT DIESEL, TIER 4 (S/N: 2013262992 & Above)
37	5101492	1	TIE WRAP, 24" LONG (not an illustrated part)
38	5100548	2	WASHER, .390 X 1.50 X .109, YZ

Footnotes

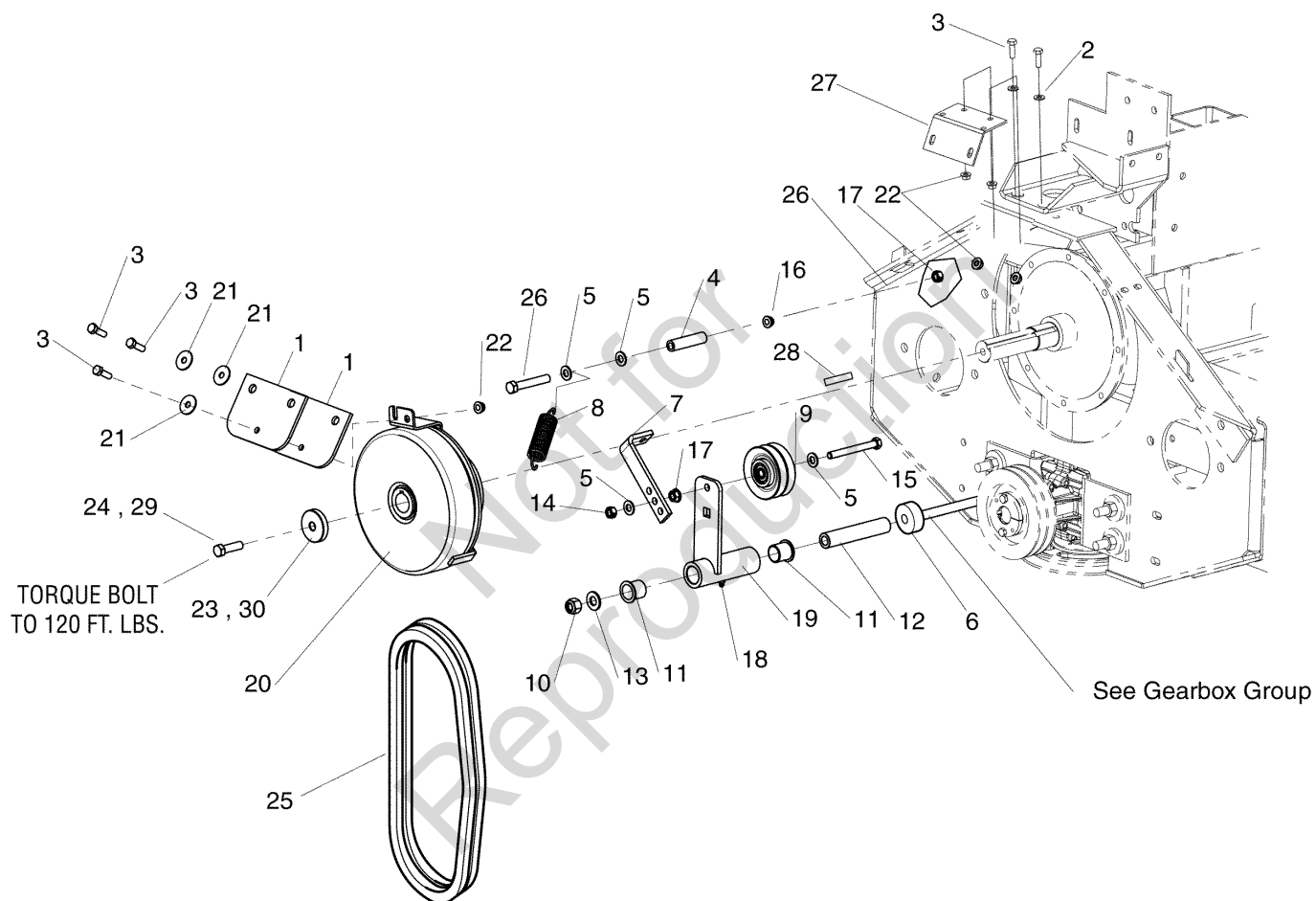
* See your local Caterpillar distributor for parts & service.

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

5900723 (IS5100Z/C33DCE)
 5900617 (IS5100Z/C33DCE) (2006)
 5900708 (IS5100Z/C33D61)
 5900618 (IS5100Z/C33D61CE) (2006)
 5900602 (IS5100Z/C33D) (2006)
 5900979 (IS5100Z/C33D31CE)

PTO Clutch & Anchor Group

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



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

5900617 (IS5100Z/C33DCE) (2006)
5900979 (IS5100Z/C33D31CE)
5900708 (IS5100Z/C33D61)
5900602 (IS5100Z/C33D) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900723 (IS5100Z/C33DCE)

PTO Clutch & Anchor Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5043636	2	CLUTCH ANCHOR PAD
2	5025155	2	WASHER, 5/16" SAE
3	5025011X8	5	BOLT, 5/16-18 X 1" GD5
4	5050860X2P5	1	HOSE, 3/8" PUSH-LOCK, 2.5"
5	5025156	4	WASHER 3/8" SAE
6	5100314	1	SPACER, .51 X 1.75 X.63
7	5401085B	1	MOUNT, IDLER SPRING
8	1608395	1	SPRING-EXTN 1.040ODX 04.000LG .105WIRE D
9	5022797	1	PULLEY, IDLER DOUBLE-A
10	5025056	1	NUT, 1/2-13 HEX NYLON LOCK
11	5022250	2	BUSHING, FLANGE, 7/8" X 1" L
12	5045305	1	SLEEVE, A-ARM PIVOT - LONG
13	5025158	1	WASHER, 1/2" SAE
14	5025100	1	NUT, 3/8-16 SIDE LOCK
15	5025013X24	1	BOLT, 3/8-16 X 3" GD5
16	5025128	1	NUT, 3/8-16 HEX LG. SERR FLG
17	5025394	2	NUT, 3/8-16 NYLOCK FLANGE
18	5025447	1	GREASE FITTING, 1/4-28, 90 DEGREE
19	5046565B	1	WELD, CLUTCH BELT IDLER
20	5100040	1	CLUTCH WARNER,1-1/4"GT300IXR-0
21	5044617	3	WASHER, .34 X 1.25 X10 GA
22	5025392	5	NUT, 5/16-18 HEX NYLOCK FLANGE
23	5101524	1	SPACER, .515 X 1.875 X .375 (S/N: 2013262992 & Above)
24	5025499	1	BOLT, CRANKSHAFT, 1/2-20 X 1-3/4" GD8 YZ (S/N: 2013262992 & Above)
25	5022575	1	BELT, HA X 36.6, SET
26	5025013X32	1	BOLT, 3/8-16 X 4" GD5 YZ
27	5047563	1	ANCHOR, CLUTCH
28	5050407X2	1	KEY, 1/4" SQ. X 3"
29	5045473	1	BOLT, CRANKSHAFT, 7/16 X 1-1/2" (S/N: 2013262991 & Below)
30	5045475	1	SPACER, .45 X 1.88 X .38 (S/N: 2013262991 & Below)

Footnotes

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

5900617 (IS5100Z/C33DCE) (2006)

5900979 (IS5100Z/C33D31CE)

5900708 (IS5100Z/C33D61)

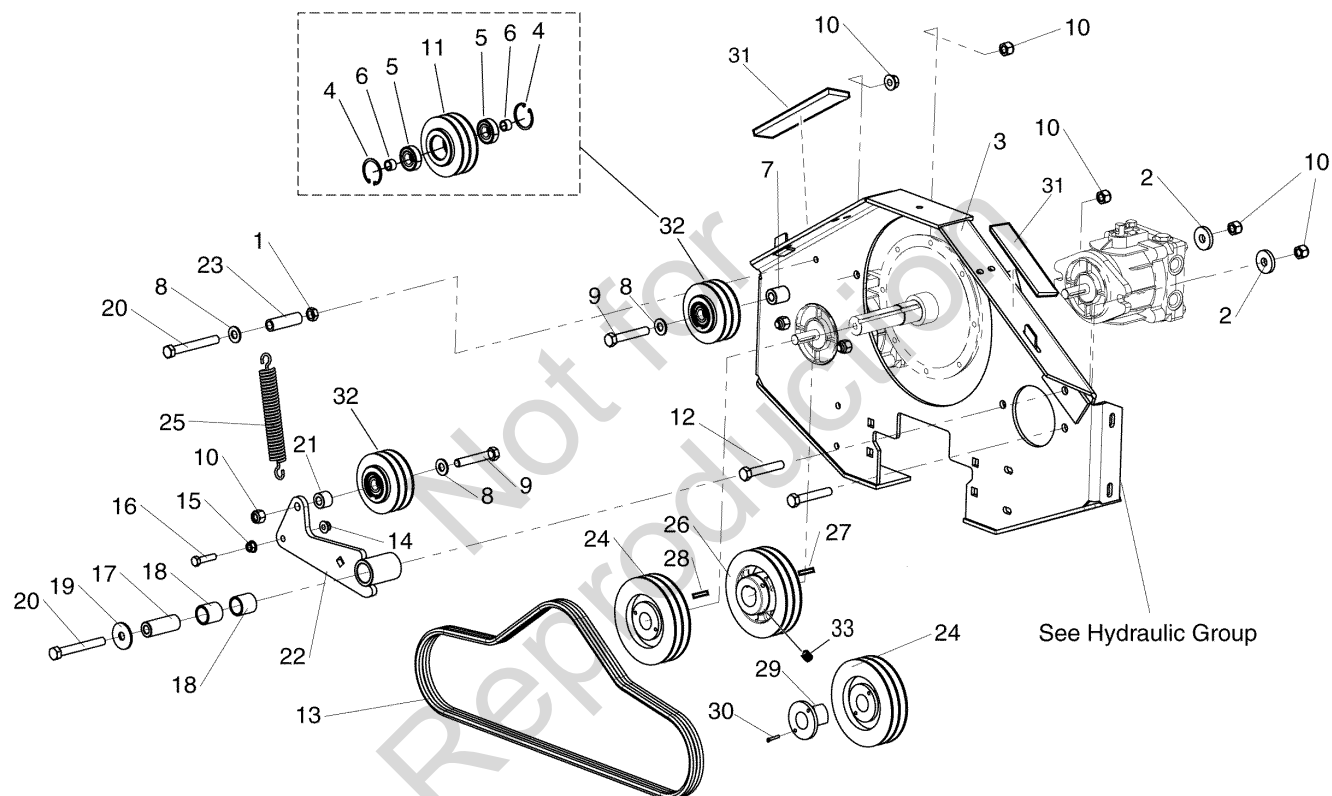
5900602 (IS5100Z/C33D) (2006)

5900618 (IS5100Z/C33D61CE) (2006)

5900723 (IS5100Z/C33DCE)

Pump Mount & Drive Group

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



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

5900979 (IS5100Z/C33D31CE)
5900617 (IS5100Z/C33DCE) (2006)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)

Pump Mount & Drive Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025301	1	NUT, 1/2-13 HEX JAM
2	5044913	4	WASHER, FRAME RETAINING
3	5400239B	1	WELD, PUMP PLATE IS5000 - RED
4	5020865	4	SNAP RING, INTERNAL
5	5020827	4	BEARING, IDLER
6	5020870	4	INSERT, BEARING
7	5061781	1	SPACER, .52 X 1.00 X 1.15
8	5025158	5	WASHER, 1/2" SAE
9	5025017X26	2	BOLT, 1/2-13 X 3-1/4" GD5
10	5025098	1	NUT, 1/2-20 HEX NYLOCK
11	5023390	2	PULLEY, A SECTION, 4" IDLER
12	5025018X18	4	BOLT, 1/2-20 X 2-1/4" GD5 YZ
13	5023388	1	BELT, 66.5" # 7-8672, SET
14	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
15	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
16	5025013X12	1	BOLT, 3/8-16 X 1-1/2" GD5 YZ
17	5061254	1	SPACER, .52 X 1.00 X 2.55
18	5022157	2	BUSHING, BRASS, 1.25X1X1.25
19	5025415	1	WASHER, .50 X 1.75 X .13
20	5025018X32	1	BOLT, 1/2-20 X 4" GD5 YZ
21	5045178	1	SPACER, .52 X 1.00 X .75
22	5061368B	1	WELD, IDLER ARM
23	5050857X2P5	1	HOSE, 1/2" PUSH-ON 2.50"
24	5022382	2	PULLEY, Pump Drive
25	5022847	1	SPRING, EXTENSION, SWIVEL END
26	5100854	1	PULLEY, PUMP DRIVE
27	5050404X4	1	KEY, 5/16" SQ. X 1.464" RD ENDS
28	5022156	2	KEY, 5MM SQ. X 25MM
29	5022383	2	BUSHING, 17MM, HQ
30	5025010X8	4	BOLT, 1/4-20X1"
31	5021877	2	PAD, RUBBER
32	5600200	3	ASSM, PULLEY IDLER (Includes Ref Nos 4-6 & 11)
33	5025531	2	SET SCREW, 5/16-18 X 3/8, KNURL, W/PATCH

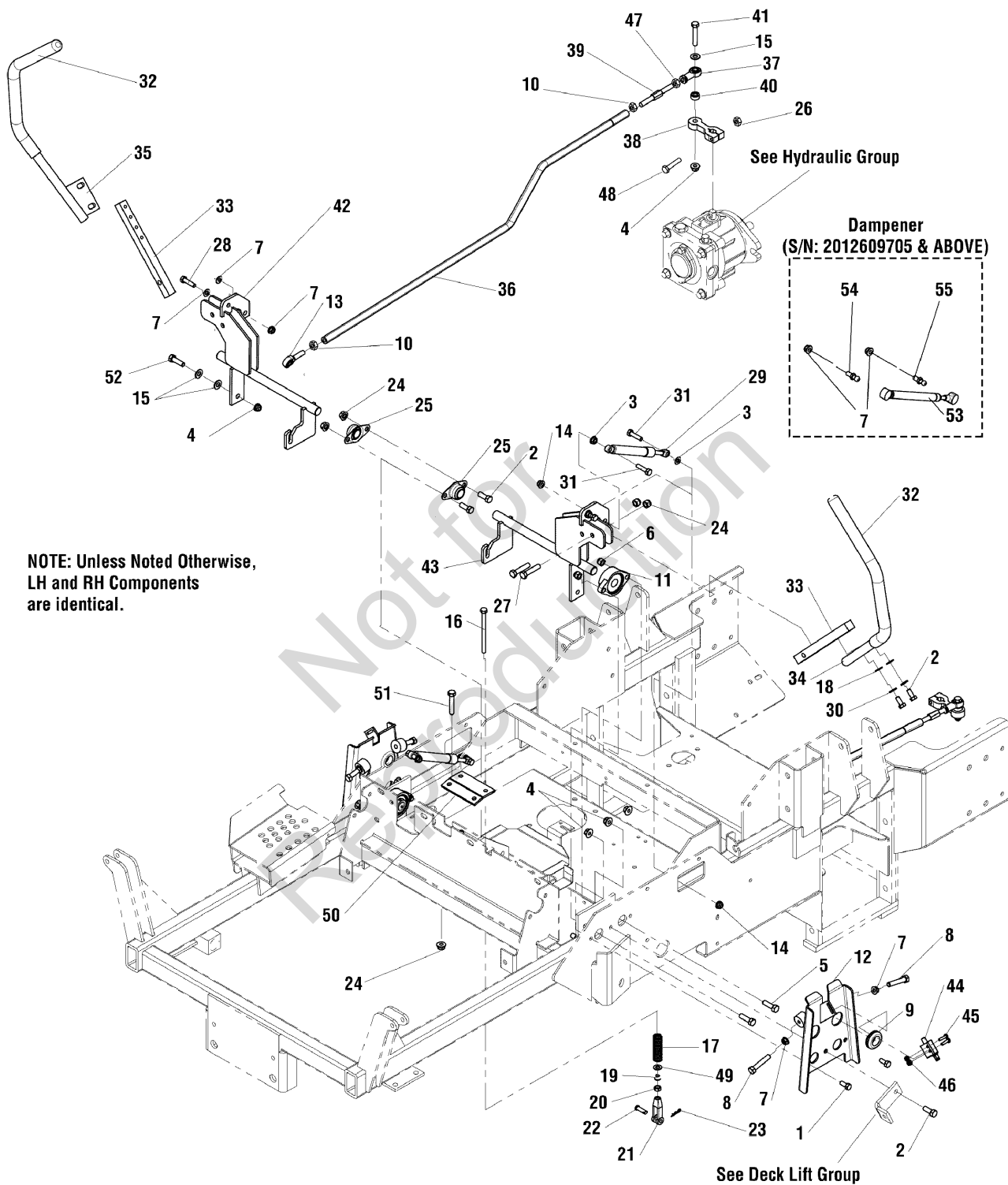
Footnotes

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

5900979 (IS5100Z/C33D31CE)
 5900617 (IS5100Z/C33DCE) (2006)
 5900723 (IS5100Z/C33DCE)
 5900618 (IS5100Z/C33D61CE) (2006)
 5900602 (IS5100Z/C33D) (2006)
 5900708 (IS5100Z/C33D61)

Motion Control Group

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



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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)

Motion Control Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025011X6	6	BOLT, 5/16-18 X 3/4" GD5
2	5025011X8	6	BOLT, 5/16-18 X 1" GD5 YZ
3	5025355	4	NUT, M8-1.25 SERR. FLANGE, CZ (S/N: 2012609704 & BELOW)
4	5025392	10	NUT, 5/16-18 HEX NYLOCK FLANGE
5	5025327	4	BOLT, 3/8-16 X 1-1/4 SHCS
6	5025096	4	NUT, 3/8-16 HEX NYLON LOCK
7	5025139	10	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
8	5025052X18	4	BOLT, 5/16-18 X 2-1/4" GD5 TFL
9	5021397	2	GROMMET, 1-1/4
10	5025317	4	NUT, 3/8-24 HEX, LH
11	5021499	2	BEARING, FLANGE
12	5048531B	2	WELD, PLATE, NEUTRAL CONTROL
13	5021124	2	BALL JOINT, 3/8-24 MALE
14	5025354	4	NUT, M8-1.25 NYLON LOCK, CZ
15	5025156	6	WASHER, 3/8" SAE
16	5047137	2	BOLT, 5/16-24 X 4.25" GD5 YZ
17	5022645	2	SPRING, REVERSE RETURN
18	5025155	4	WASHER, 5/16" SAE
19	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
20	5025033	2	NUT, 5/16-24 HEX
21	5020979	2	CLEVIS, 5/16-24, PLASTIC
22	5025213X8	2	PIN, CLEVIS, 5/16" X 1
23	5025203X10	2	PIN, COTTER, 1/8" X 1-1/4
24	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE
25	5021098	2	BEARING, BRONZE FLANGE, 3/4
26	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
27	5025013X14	4	BOLT, 3/8-16 X 1-3/4" GD5
28	5025011X10	2	BOLT, 5/16-18 X 1-1/4" GD5 YZ
29	5022978	2	DAMPENER (S/N: 2012609704 & BELOW)
30	5025170	4	WASHER, 5/16" LOCK
31	5025335	4	BOLT, M8-1.25 X 35MM, GD8.8 (S/N: 2012609704 & BELOW)
32	5022068	2	GRIP, FOAM, 3/4" ID, 16" LONG
33	5047004	2	MOUNT, CONTROL ARM
34	5047410B	1	WELD, HANDLE MOTION CONTROL, LH - RED
35	5047411B	1	WELD, HANDLE MOTION CONTROL, RH - RED
36	5400712B	2	CONTROL ROD, IS5000Z
37	5022392	2	ROD END, 3/8-24 LH FEMALE
38	5045863	2	ARM, PUMP CONTROL (21 SERIES)
39	5046534	2	LINK, ADJUSTABLE, SHORT
40	5044933	2	SPACER, .39 X .75 X .38
41	5025013X16	2	BOLT, 3/8-16 X 2" GD5 YZ

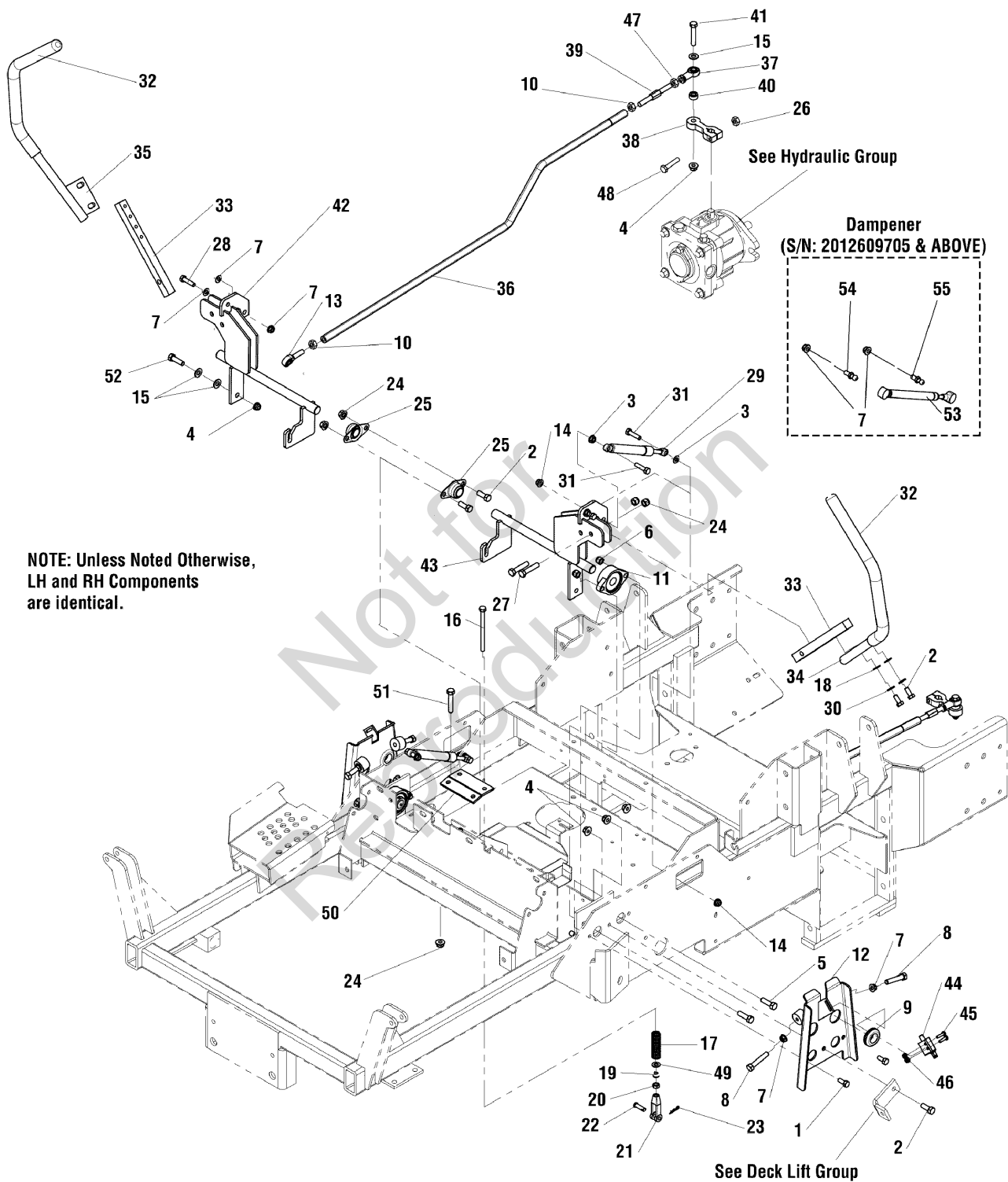
Footnotes

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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)

Motion Control Group

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



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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)

Motion Control Group

REF NO	PART NO.	QTY.	DESCRIPTION
42	5400686B	1	WELD, CONTROL SHAFT - RH - RED
43	5400685B	1	WELD, CONTROL SHAFT - LH - RED
44	5021451	2	SWITCH, PLUNGER, N.O.
45	5025179X6	4	SCREW, #10-24 X 3/4" ROUND SLOTTED
46	5025271	4	NUT, #10-24 HEX NYLON LOCK
47	5025035	2	NUT, 3/8-24 HEX
48	5025010X14	2	BOLT, 1/4-20 X 1-3/4" GD5 YZ
49	5025337	2	WASHER, 5/16" USS
50	5047401B	1	PLATE, RETURN TO NEUTRAL - RED
51	5025013X8	2	BOLT, 3/8-16 X 1" GD5 YZ
52	5025013X12	2	BOLT, 3/8-16 X 1-1/2" GD5 YZ
53	5100940	2	DAMPENER, CONTROL (S/N: 2012609705 & ABOVE)
54	5101307	2	BALL STUD 10MM 5/16-18 X 3/4" (S/N: 2012609705 & ABOVE)
55	5100941	2	BALL STUD 10MM 5/16-18 X 1/2" (S/N: 2012609705 & ABOVE)

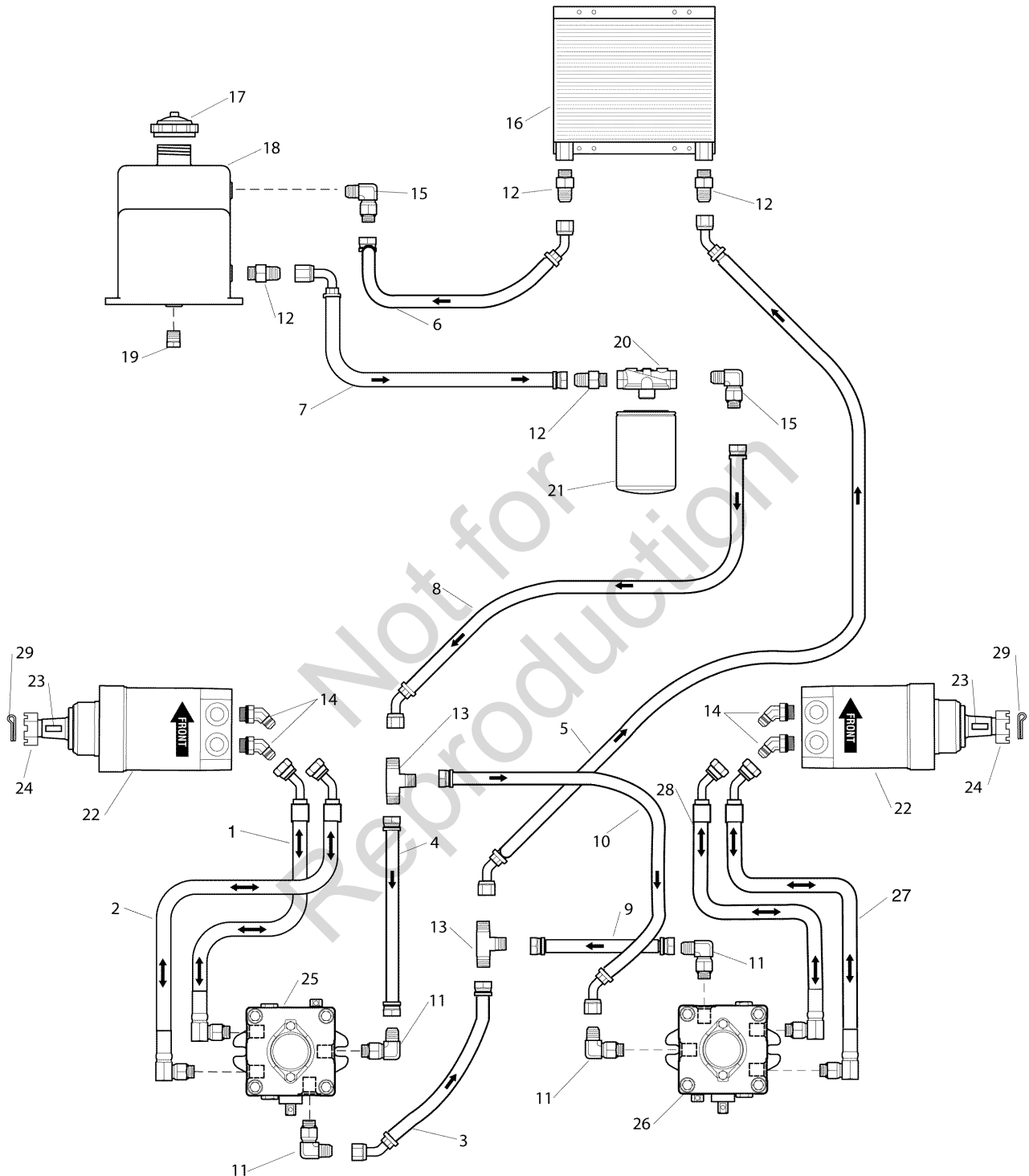
Not for
Reproduction

Footnotes

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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)

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



5900979 (IS5100Z/C33D31CE)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)

Hydraulic Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5102100	1	HOSE ASSEMBLY (27) HP, 45 & 90 ENDS, LH
2	5102103	1	HOSE ASSEMBLY (29) HP, 45 & 90 ENDS LH
3	5401075	1	HOSE ASSEMBLY (9) LP, ST & 45 ENDS
4	5401076	1	HOSE ASSEMBLY (16.5) LP, ST & ST ENDS
5	5401077	1	HOSE ASSEMBLY (64) LP, 45 & 45 ENDS
6	5401078	1	HOSE ASSEMBLY (64) LP, ST & 45 ENDS
7	5401079	1	HOSE ASSEMBLY (21.5) LP, ST & 90 ENDS
8	5401080	1	HOSE ASSEMBLY (24.5) LP, ST & 45 ENDS
9	5401103	1	HOSE ASSEMBLY (15) LP, ST & ST ENDS
10	5401104	1	HOSE ASSEMBLY (7) LP, 4 ST & 45 ENDS
11	5022599	4	FITTING, #8 JIC - #8 O-RING, 90 DEG.
12	5022601	4	FITTING, #8 JIC - 1/2" NPT, STRAIGHT
13	5022604	2	FITTING T JIC #8
14	5022709	4	FITTING, #8 JIC - #10 O-RING, 45 DEG.
15	5100311	2	HYDRALIC FITTING, MALE ELBOW
16	5022377	1	OIL COOLER 1.5" X 8.5" X 11
17	5022437	1	CAP, 2-1/2" VENTED
18	5045872	1	HYDRAULIC RESERVIOR
19	5020986	1	PLUG, 1/2" NPT, SQUARE HEAD
20	5021356	1	FILTER HEAD
21	5021357X1	1	FILTER, HYDRAULIC
22	5022368	2	WHEEL MOTOR, MB 25 SERIES
23	5022042X2	2	KEY
24	5022042X3	2	NUT, CASTLE, 1-20
25	5023402	1	PUMP, HYDROSTATIC - PW-1ACC
26	5023401	1	PUMP, HYDROSTATIC - PW-1DCC
27	5102101	1	HOSE ASSEMBLY (27) HP, 45 & 90 ENDS, RH
28	5102102	1	HOSE ASSEMBLY (29) HP, 45 & 90 ENDS RH
29	5025203X16	2	PIN, COTTER, 1/8" X 2"

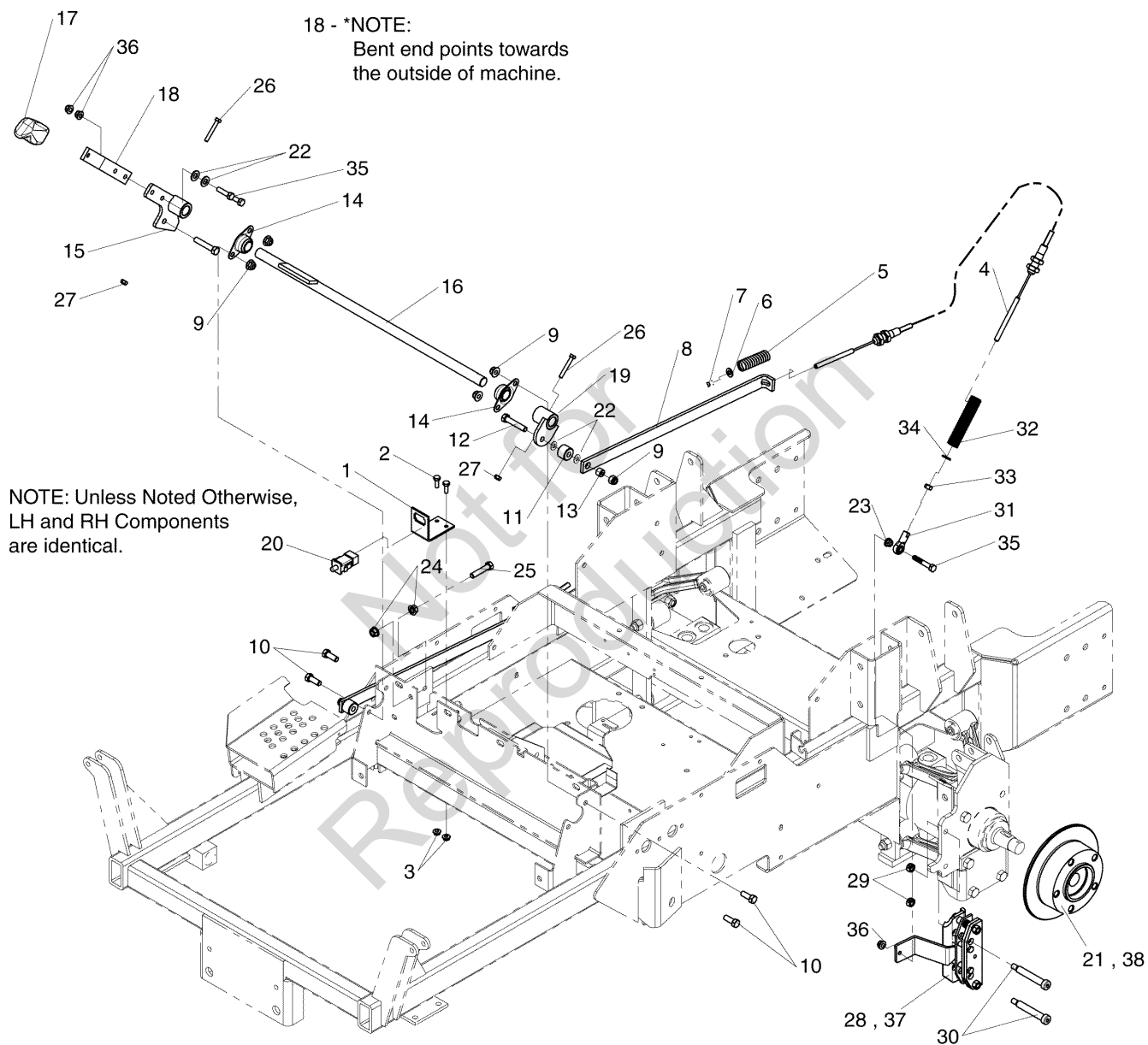
Footnotes

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

5900979 (IS5100Z/C33D31CE)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)

Parking Brake Group

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



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

5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)
5900723 (IS5100Z/C33DCE)
5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900618 (IS5100Z/C33D61CE) (2006)

Parking Brake Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5400726B	1	BRACKET, SWITCH MOUNT - RED
2	5025010X6	2	BOLT, 1/4-20 X 3/4" GD5 YZ
3	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
4	5023324	2	CABLE, PARKING BRAKE
5	5022361	2	SPRING, BRAKE
6	5025155	4	WASHER, 5/16" SAE
7	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
8	5400804B	2	BRAKE, CABLE LINK - RED
9	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
10	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 YZ
11	5043815	2	SPACER, .39 X 1.00 X .75
12	5025013X16	2	BOLT, 3/8-16 X 2" GD5 YZ
13	5041930	2	SPACER, .38 X .50 X .27
14	5021098	2	BEARING, BRONZE FLANGE, 3/4
15	5400723B	1	WELD, PIVOT HANDLE MOUNT - RED
16	5400739B	1	WELD, SHAFT BRAKE LEVER - RED
17	5100171	1	GRIP, BLACK FLEXIBLE
18	5045619B	1	HANDLE, BRAKE LEVER
19	5045618B	1	PIVOT, LINKAGE MOUNT WELDMENT
20	5022182	1	SWITCH, PLUNGER, NO/NC SNAP-IN
21	5100775	2	HUB, BRAKE (S/N: 2000786068 & BELOW)
22	5025156	10	WASHER, 3/8" SAE
23	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
24	5025128	2	NUT, 3/8-16 HEX SERRATED FLANGE
25	5025058X16	1	BOLT, 3/8-16 X 2" GD5 TFL CZ
26	5025010X12	2	BOLT, 1/4-20 X 1-1/2", GD5
27	5025287	2	NUT, 1/4-20 HEX SIDE LOCK
28	5023299	2	CALIPER, MECHANICAL (S/N: 2000786068 & BELOW)
29	5025100	4	NUT, 3/8-16 HEX SIDE LOCK
30	5025400	4	BOLT, 3/8-16 x 2-3/4", 1/2" SHOULDER
31	5021146	2	BALL JOINT, 5/16-24, FEMALE
32	5023320	2	SPRING, COMPRESSION
33	5025033	2	NUT, 5/16-24 HEX
34	5025337	2	WASHER, 5/16" USS
35	5025011X8	4	BOLT, 5/16-18 X 1" GD5 YZ
36	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
37	5100774	2	COMPACT CALIPER, AUSCO (86978) (S/N: 2000786069 & ABOVE)
38	5100775	2	WHEEL HUB, COMPACT CALIPER (86720) (S/N: 2000786069 & ABOVE)

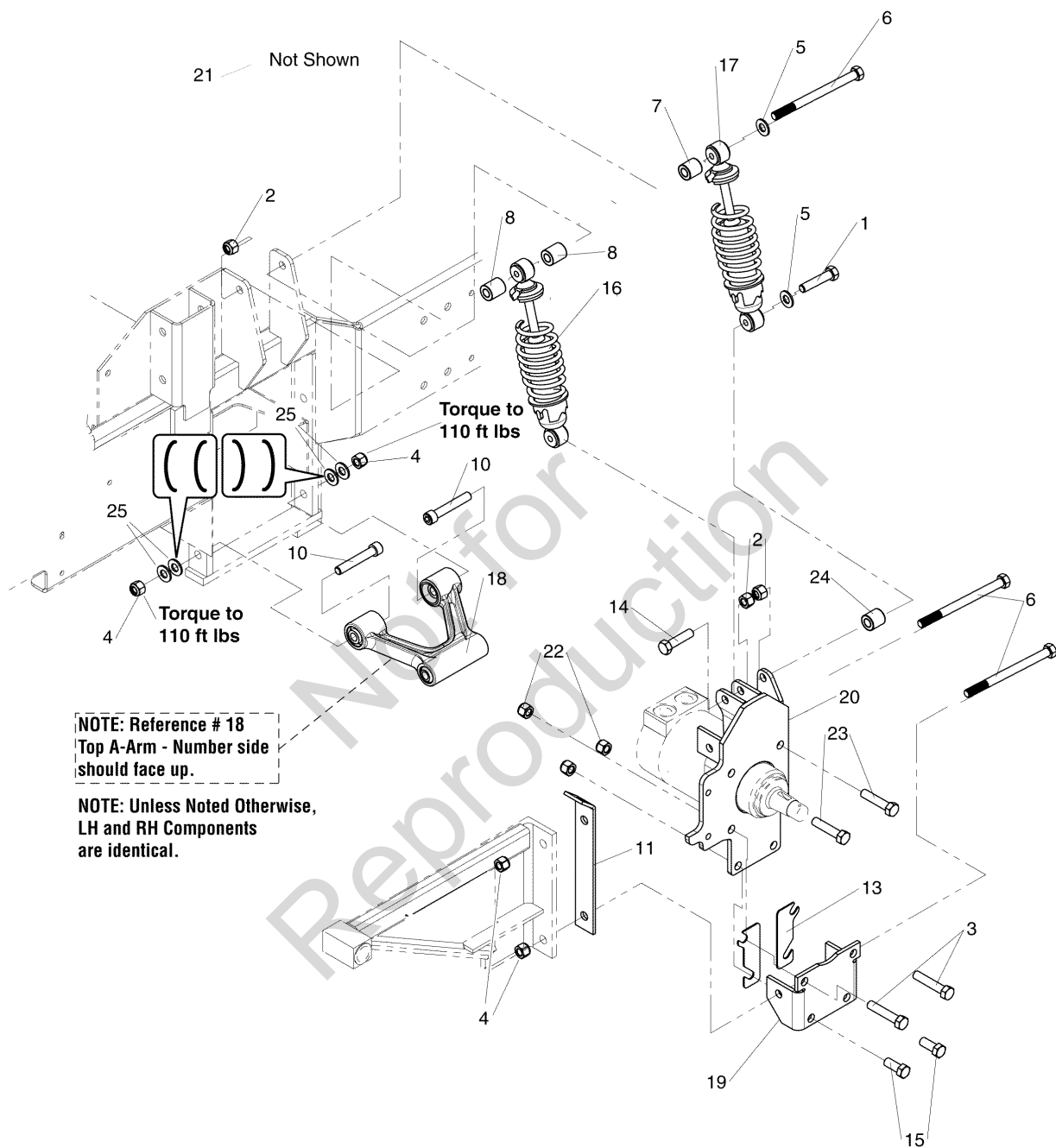
Footnotes

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

5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)
5900723 (IS5100Z/C33DCE)
5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900618 (IS5100Z/C33D61CE) (2006)

Rear Suspension Group

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



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

5900708 (IS5100Z/C33D61)
5900979 (IS5100Z/C33D31CE)
5900617 (IS5100Z/C33DCE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900723 (IS5100Z/C33DCE)

Rear Suspension Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5 YZ
2	5025332	6	NUT, 1/2-13 HEX SIDE LOCK
3	5025018X24	4	BOLT, 1/2-20 X 3" GD5 YZ
4	5101927	12	NUT, 1/2-13 HEX NYLOCK FLANGE GR8 YZ (Torque to 110 ft lbs)
5	5025158	4	WASHER, 1/2" SAE
6	5025488X52	6	BOLT, 1/2-13 X 6-1/2" GD8 YZ
7	5049777	2	SPACER, .52 X 1.00 X 1.00
8	5061781	4	SPACER, .52 X 1.00 X 1.15
9	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT (not shown)
10	5025294X26	8	BOLT, 1/2-13 X 3-1/4" ALLEN HEAD
11	5400802B	1	SHIM, CABLE ANCHOR - LH - RED
12	5400803B	1	SHIM, CABLE ANCHOR, RH - RED (not shown)
13	5100332	4	SHIM, CAMBER - PLATED
14	5025017X16	2	BOLT, 1/2-13 X 2" GD5 YZ
15	5025018X14	4	BOLT, 1/2-20 X 1-3/4" GD5 YZ
16	5023384	2	SHOCK, REAR, IS4500
17	5100355	2	SHOCK/SPRING ASSEMBLY, IS5000 (2006)
18	5101617	4	ASSM, A-ARM WITH BEARINGS
19	5400880B	2	MOUNT, A-ARM ADJUSTABLE - RED
20	5400874B	1	WELD, MOTOR MOUNT, LH - RED
21	5400873B	1	WELD, MOTOR MOUNT, RH - RED (not shown)
22	5025098	12	NUT, 1/2-20 HEX NYLON LOCK
23	5025018X20	4	BOLT, 1/2-20 X 2-1/2" GD5 YZ
24	5044609	2	SPACER, .52 X 1.00 X .38
25	5025523	16	BELLEVILLE WASHER 1.259 X .512 X .138 YZ

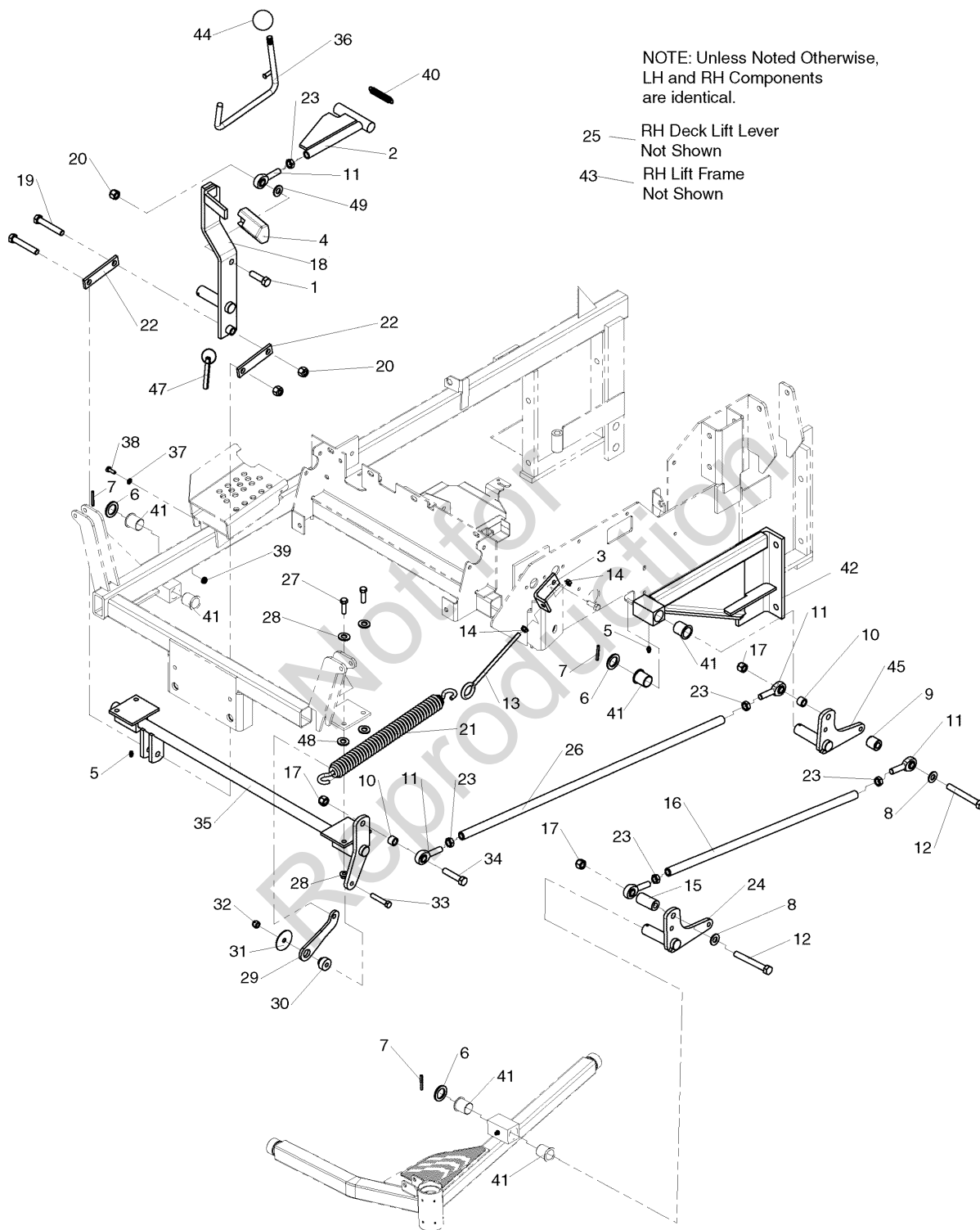
Footnotes

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

5900708 (IS5100Z/C33D61)
5900979 (IS5100Z/C33D31CE)
5900617 (IS5100Z/C33DCE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900723 (IS5100Z/C33DCE)

Deck Lift Group (S/N: 2000729893 & Below)

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



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

5900618 (IS5100Z/C33D61CE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900708 (IS5100Z/C33D61)

Deck Lift Group (S/N: 2000729893 & Below)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025018X14	1	BOLT, 1/2-20 X 1-3/4" GD5 YZ
2	5061119B	1	WELD, DECK ADJUST LINK
3	5061355B	2	ANCHOR, EYEBOLT
4	1715834	1	RUBBER, FOOT PEDAL
5	5020095	4	GREASE FITTING, 1/4-28 STRAIGHT
6	5020929	5	SHIM, 1.0 X 1.5 X 0.125
7	5025516	5	PIN, ROLL, 3/16" X 1-1/2" PLN.
8	5025440	4	WASHER, 1/2" GD9 YZ
9	5049777	2	SPACER, .52 X 1.00 X 1.00
10	5047027	4	SPACER, .51 X .75 X .56
11	5022434	9	BALL JOINT, 1/2-20, MALE
12	5025017X32	4	BOLT, 1/2-13 X 4" GD5 YZ
13	5021811	2	EYE BOLT, 3/8-16 X 8", 1" EYE
14	5025034	4	NUT, 3/8-16 HEX
15	5061781	2	SPACER, .52 X 1.00 X 1.15
16	5061350	2	ROD, DECK LIFT OUTER
17	5025056	6	NUT, 1/2-13 HEX NYLON LOCK
18	5400327B	1	WELD, DECK LIFT PEDAL - RED
19	5025018X24	2	BOLT, 1/2-20 X 3" GD5 YZ
20	5025098	3	NUT, 1/2-20 HEX NYLON LOCK
21	5023392	2	SPRING, DECK LIFT ASSIST
22	5044994B	2	LINK, DECK LIFT - RED
23	5025089	9	NUT, 1/2-20 HEX JAM
24	5061358B	1	WELD, DECK LIFT LEVER, LH
25	5061357B	1	WELD, DECK LIFT LEVER, RH (not shown)
26	5061349	2	ROD, DECK LIFT INNER
27	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5
28	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
29	5061224B	2	LINK, SPRING
30	5061227	2	BUSHING, DECK PIVOT
31	5025326	2	WASHER, .39 X 2.00 X .14
32	5025156	6	WASHER, 3/8" SAE
33	5025013X16	2	BOLT, 3/8-16 X 2" GD5 YZ
34	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5 YZ
35	5400924B	1	WELD, LIFT SHAFT, IS5000Z - RED
36	5061116B	1	WELD, ROD DECK LIFT
37	5025155	2	WASHER, 5/16" SAE
38	5025011X6	2	BOLT, 5/16-18 X 3/4" GD5
39	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
40	5020639	1	SPRING, EXTENSION
41	5023343	10	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC

Footnotes

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

5900618 (IS5100Z/C33D61CE) (2006)

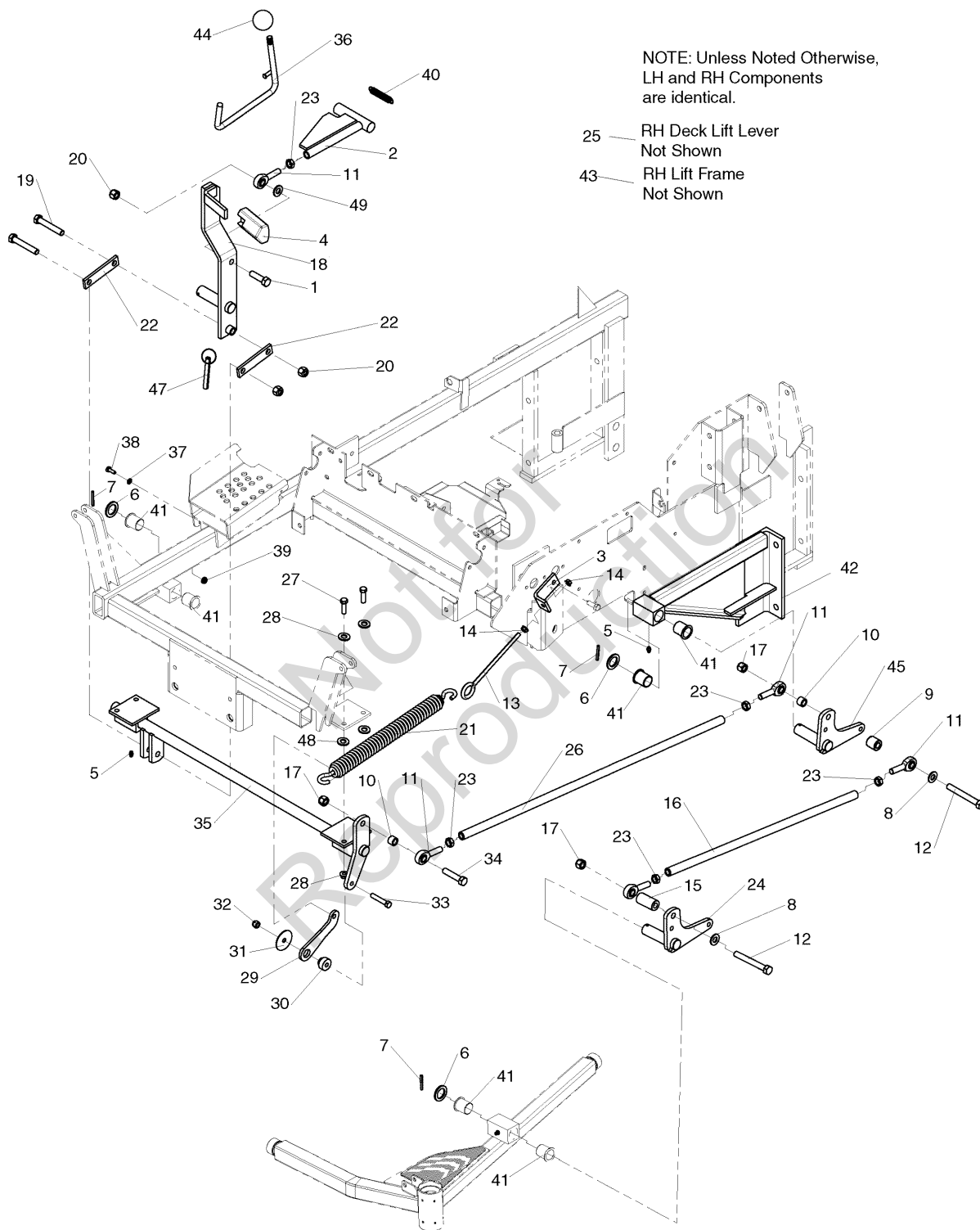
5900602 (IS5100Z/C33D) (2006)

5900617 (IS5100Z/C33DCE) (2006)

5900708 (IS5100Z/C33D61)

Deck Lift Group (S/N: 2000729893 & Below)

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



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

5900618 (IS5100Z/C33D61CE) (2006)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900708 (IS5100Z/C33D61)

Deck Lift Group (S/N: 2000729893 & Below)

REF NO	PART NO.	QTY.	DESCRIPTION
42	5300038	1	ASSM, REAR DECK LIFT LH
43	5300039	1	ASSM, REAR DECK LIFT RH (not shown)
44	5021733	1	KNOB, PLASTIC, 1/2-13
45	5401094B	1	WELD, DECK LIFT LEVER, LH - RED
46	5401093B	1	WELD, DECK LIFT LEVER, RH - RED (not shown)
47	5022045	1	PIN, COTTERLESS
48	5025293	4	WASHER, 3/8" GD.9 FLAT
49	5025158	1	WASHER, 1/2" SAE

Not for
Reproduction

Footnotes

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

5900618 (IS5100Z/C33D61CE) (2006)

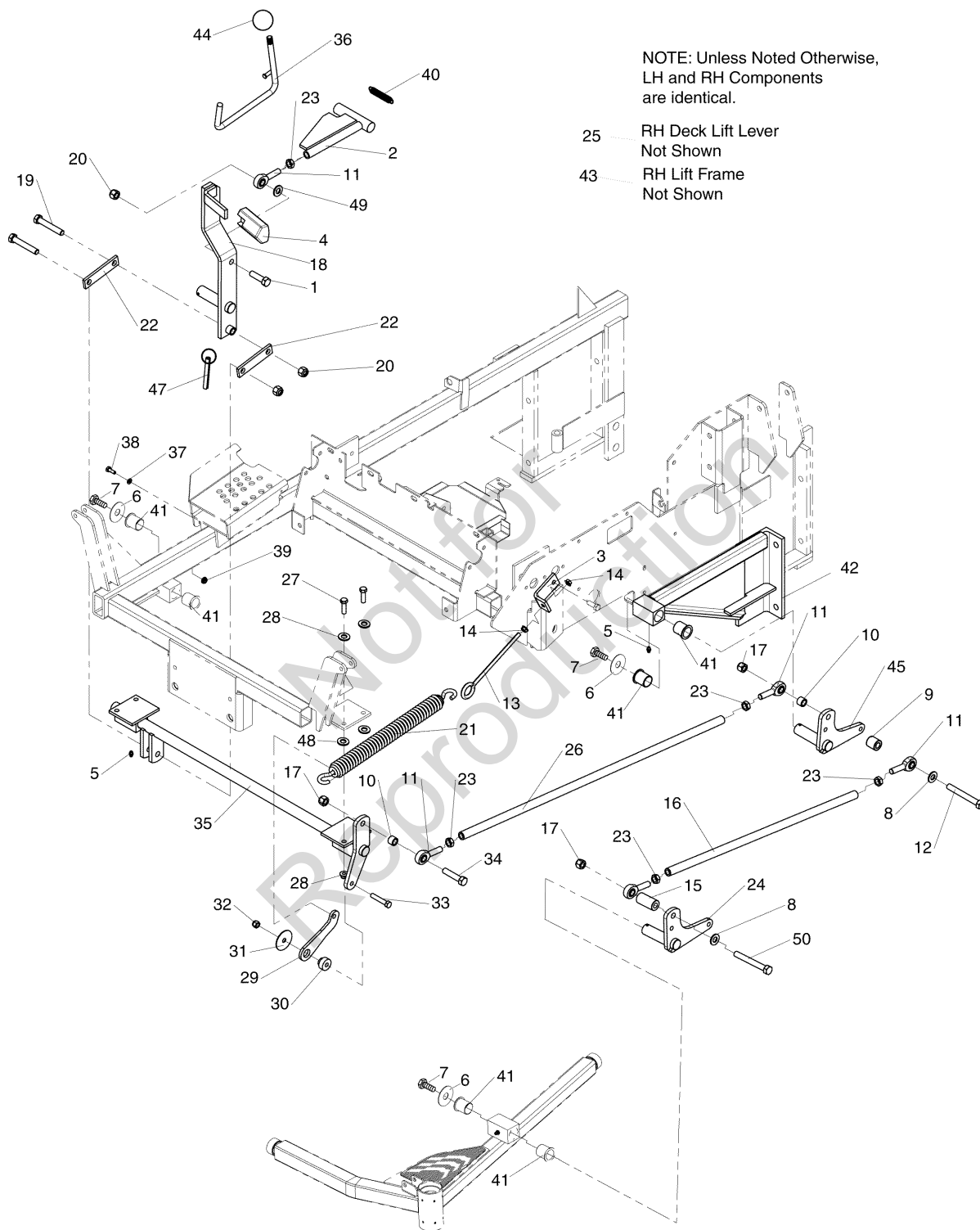
5900602 (IS5100Z/C33D) (2006)

5900617 (IS5100Z/C33DCE) (2006)

5900708 (IS5100Z/C33D61)

Deck Lift Group (S/N: 2000729894 & Above)

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



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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)

Deck Lift Group (S/N: 2000729894 & Above)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025018X14	1	BOLT, 1/2-20 X 1-3/4" GD5 YZ
2	5061119B	1	WELD, DECK ADJUST LINK
3	5061355B	2	ANCHOR, EYEBOLT
4	1715834	1	RUBBER, FOOT PEDAL
5	5020095	4	GREASE FITTING, 1/4-28 STRAIGHT
6	5100548	5	WASHER, .390 X 1.50 X .109
7	5025443	5	BOLT, 3/8-16 X 3/4, GD5, YZ WITH PATCH
8	5025440	4	WASHER, 1/2" GD9 YZ
9	5049777	2	SPACER, .52 X 1.00 X 1.00
10	5047027	4	SPACER, .51 X .75 X .56
11	5022434	9	BALL JOINT, 1/2-20, MALE
12	5025017X32	2	BOLT, 1/2-13 X 4" GD5 YZ
13	5021811	2	EYE BOLT, 3/8-16 X 8", 1" EYE
14	5025034	4	NUT, 3/8-16 HEX
15	5061781	2	SPACER, .52 X 1.00 X 1.15
16	5061350	2	ROD, DECK LIFT OUTER
17	5025056	6	NUT, 1/2-13 HEX NYLON LOCK
18	5402813B	1	WELD, DECK LIFT PEDAL - RED
19	5025018X24	2	BOLT, 1/2-20 X 3" GD5 YZ
20	5025098	3	NUT, 1/2-20 HEX NYLON LOCK
21	5023392	2	SPRING, DECK LIFT ASSIST
22	5044994B	2	LINK, DECK LIFT - RED
23	5025089	9	NUT, 1/2-20 HEX JAM
24	5401671B	1	WELD, DECK LIFT LEVER, LH
25	5401672B	1	WELD, DECK LIFT LEVER, RH (not shown)
26	5061349	2	ROD, DECK LIFT INNER
27	5025013X10	4	BOLT, 3/8-16 X 1-1/4" GD5
28	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
29	5061224B	2	LINK, SPRING
30	5061227	2	BUSHING, DECK PIVOT
31	5025326	2	WASHER, .39 X 2.00 X .14
32	5025156	6	WASHER, 3/8" SAE
33	5025013X16	2	BOLT, 3/8-16 X 2" GD5 YZ
34	5025017X18	2	BOLT, 1/2-13 X 2-1/4" GD5 YZ
35	5400924B	1	WELD, LIFT SHAFT, IS5000Z - RED
36	5061116B	1	WELD, ROD DECK LIFT
37	5025155	2	WASHER, 5/16" SAE
38	5025011X6	2	BOLT, 5/16-18 X 3/4" GD5
39	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
40	5020639	1	SPRING, EXTENSION
41	5023343	10	BUSHING, 1.00 X 1.13 X 1.38, PLASTIC

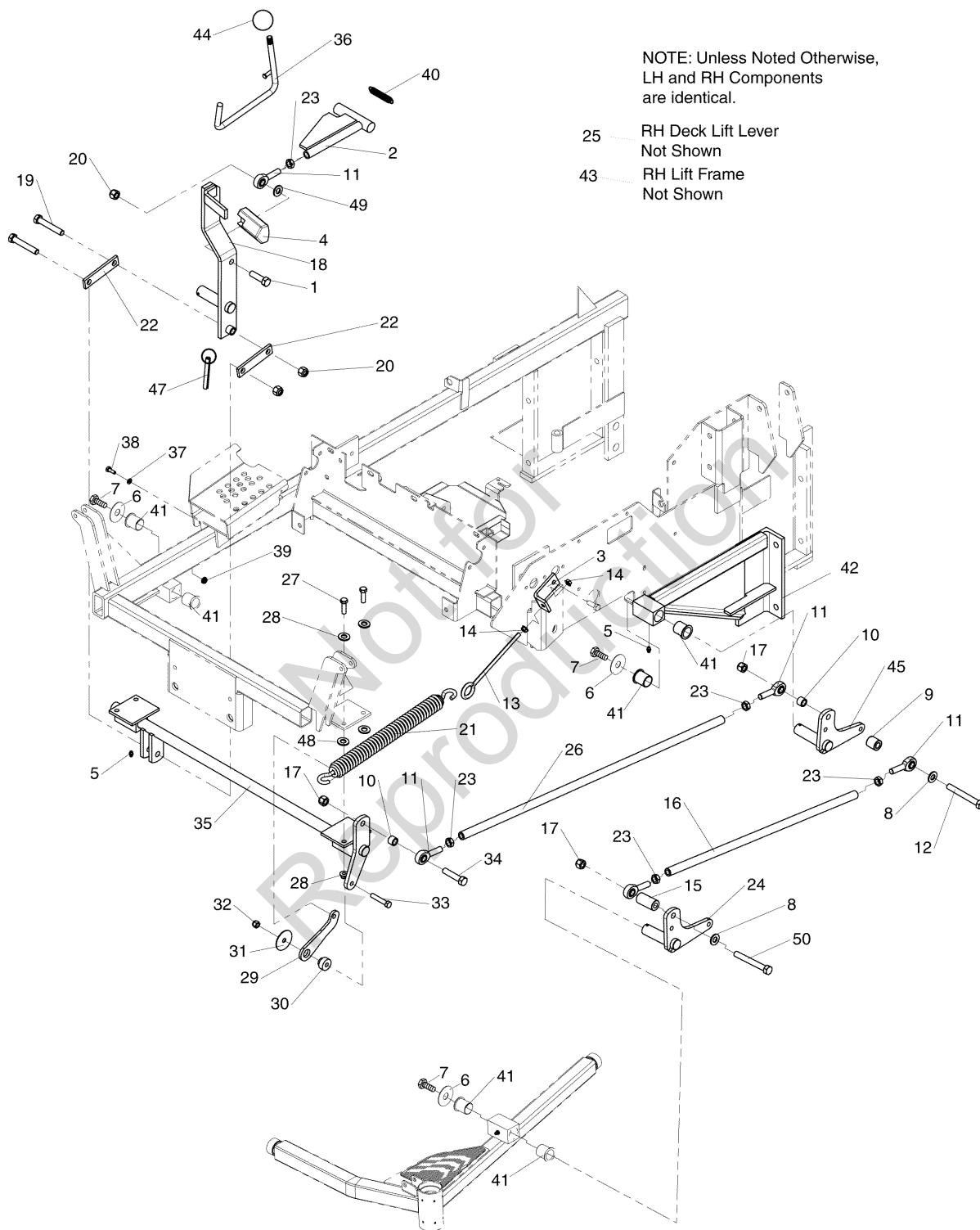
Footnotes

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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)

Deck Lift Group (S/N: 2000729894 & Above)

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



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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)

Deck Lift Group (S/N: 2000729894 & Above)

REF NO	PART NO.	QTY.	DESCRIPTION
42	5300038	1	ASSM, REAR DECK LIFT LH
43	5300039	1	ASSM, REAR DECK LIFT RH (not shown)
44	5021733	1	KNOB, PLASTIC, 1/2-13
45	5402812B	1	WELD, DECK LIFT LEVER, LH - RED
46	5402811B	1	WELD, DECK LIFT LEVER, RH - RED (not shown)
47	5022045	1	PIN, COTTERLESS
48	5025293	4	WASHER, 3/8" GD.9 FLAT
49	5025158	1	WASHER, 1/2" SAE
50	5025017X24	2	BOLT, 1/2-13 X 3" GD5 YZ

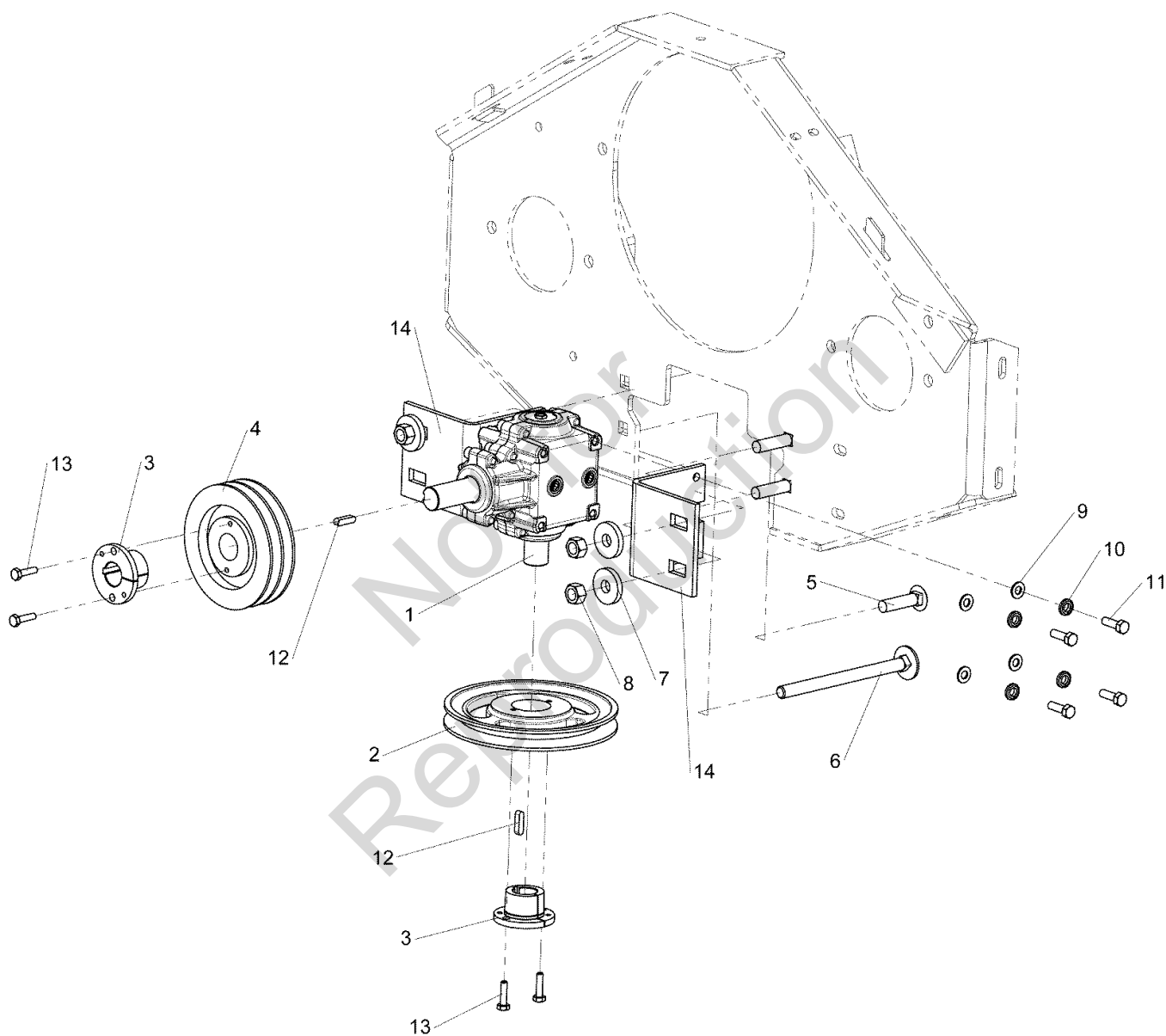
Not for
Reproduction

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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)

Gearbox Group

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



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

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900708 (IS5100Z/C33D61)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)

Gearbox Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5022378	1	GEARBOX, RIGHT ANGLE, 1:1
2	5022794	1	PULLEY, SPINDLE, BH72
3	5020819	2	BUSHING, TAPERED HUB
4	5022908	1	PULLEY, GEARBOX INPUT
5	5025324X16	3	BOLT, 1/2-13 X 2", CARRIAGE
6	5025334	1	BOLT, 1/2-13 X 7", CARRIAGE
7	5044913	3	WASHER, FRAME RETAINING
8	5025056	4	NUT, 1/2-13 HEX NYLON LOCK
9	5025155	8	WASHER, 5/16" SAE
10	5025170	8	WASHER, 5/16" LOCK
11	5025011X8	8	BOLT, 5/16-18 X 1" GD5 YZ
12	5100039	2	KEY, .250 SQ. X 1, ROUND END
13	5025010X8	4	BOLT, 1/4-20 X 1", GD5
14	5046349B	2	WELD, MOUNT, GEAR BOX - RED

Not for
Reproduction

Footnotes

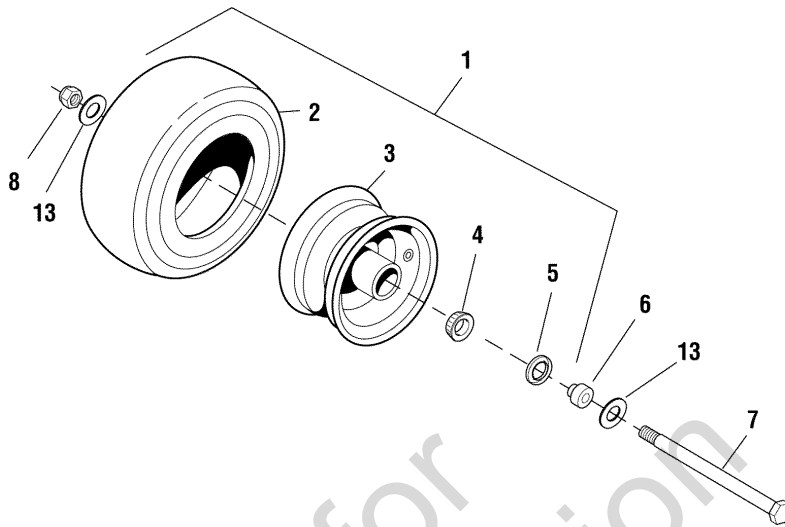
The above parts group applies to the following Mfg. Nos.:

5900979 (IS5100Z/C33D31CE)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900708 (IS5100Z/C33D61)
5900723 (IS5100Z/C33DCE)
5900618 (IS5100Z/C33D61CE) (2006)

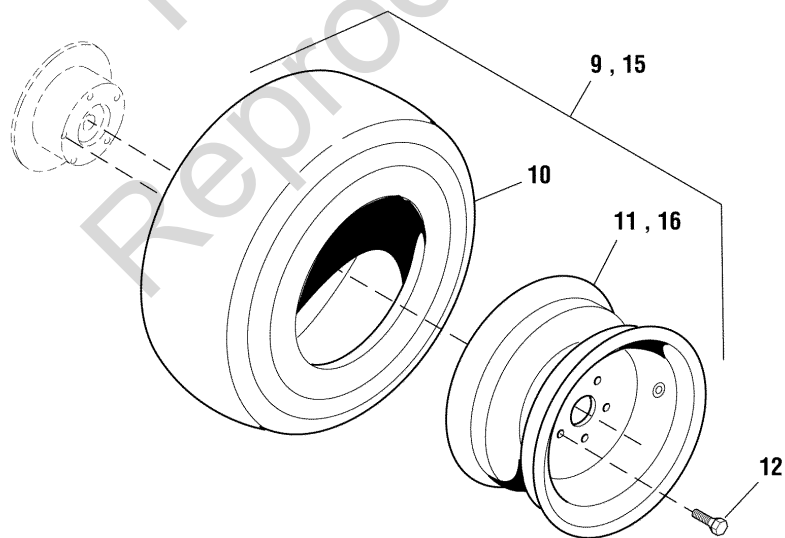
Wheels & Tires Group

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.:

5900602 (IS5100Z/C33D) (2006)
5900723 (IS5100Z/C33DCE)
5900979 (IS5100Z/C33D31CE)
5900708 (IS5100Z/C33D61)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)

Wheels & Tires Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5023136	2	TIRE ASSY, 13 X 6.5 SILVER (Includes Ref No. 2 - 5 & 14)
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 AXLE (2 per tire)
7	5025017X72	2	BOLT, 1/2-13 X 9" GD5 YZ
8	5025056	2	NUT, 1/2-13 HEX NYLON LOCK
9	5023363	2	TIRE ASSM, 26X12.00-12, SOLID (S/N: 2013192650 & Below) (Includes Ref No. 10 & 11)
10	5023152X1	2	TIRE, Rear, 26 x 12 x 12
11	5023364	2	WHEEL ASSEMBLY, 12 x 8.5 (S/N: 2013192650 & Below)
12	5022215	10	BOLT, WHEEL LUG, 1/2" X 1-5/8
13	5025158	4	WASHER, 1/2" SAE
14	5022631SX4	2	BEARING, RACE (Not Shown)
15	5101614	2	TIRE ASM, 26X12.00-12, 9.5 WIDE WHEEL (S/N: 2013192651 & Above) (Includes Ref No. 10 & 16)
16	5101614X1	2	Wheel, 12 X 9.5", 5 Hole (S/N: 2013192651 & Above)

Footnotes

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

5900602 (IS5100Z/C33D) (2006)

5900723 (IS5100Z/C33DCE)

5900979 (IS5100Z/C33D31CE)

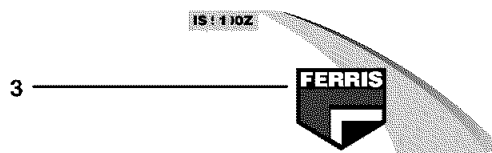
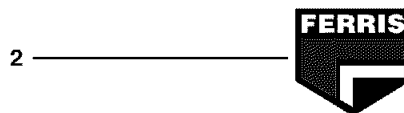
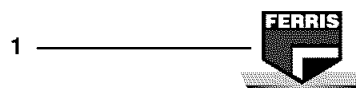
5900708 (IS5100Z/C33D61)

5900617 (IS5100Z/C33DCE) (2006)

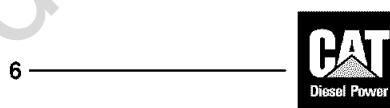
5900618 (IS5100Z/C33D61CE) (2006)

Decals - Brand

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



5 — 61" 72"



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

5900979 (IS5100Z/C33D31CE)
5900617 (IS5100Z/C33DCE) (2006)
5900723 (IS5100Z/C33DCE)
5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)

Decals - Brand

REF NO	PART NO.	QTY.	DESCRIPTION
1	5100340	1	DECAL, FERRIS, FRONT, 6.75 X 4.25
2	5022297	1	DECAL, FERRIS LOGO, 9-3/8
3	5100496	1	DECAL, BADGE, IS5100, RH
4	5100497	1	DECAL, BADGE, IS5100, LH
5	5022813	2	DECAL, 61" (61" DECK)
5	5022814	2	DECAL, 72" (72" DECK)
6	5100822	2	DECAL, CAT DIESEL POWER

Not for
Reproduction

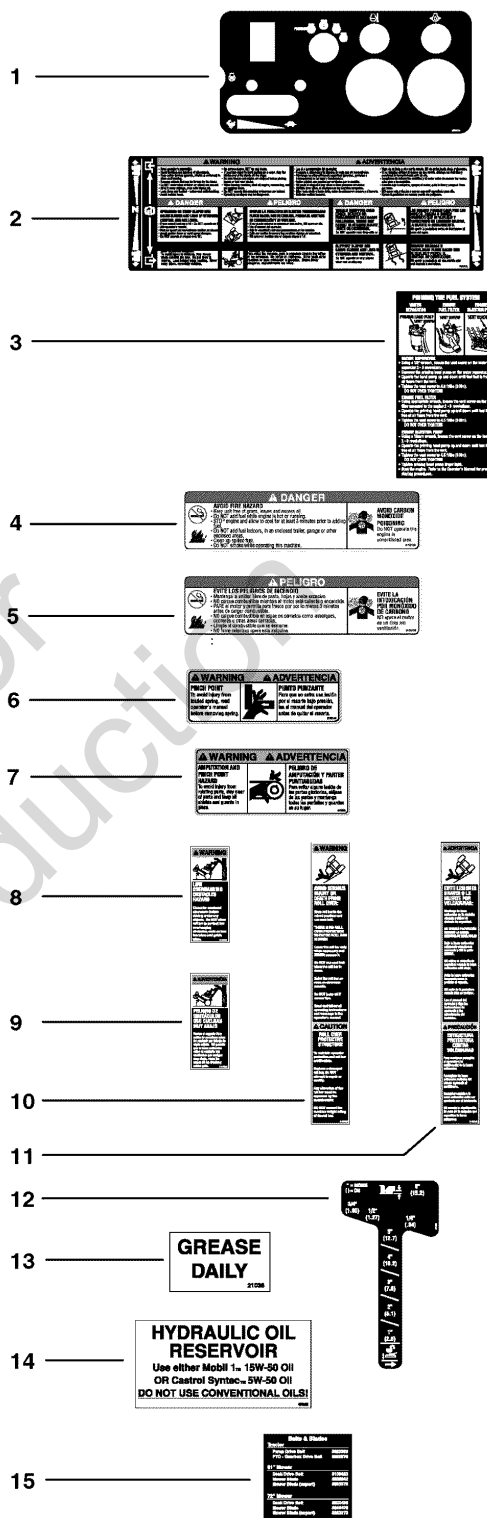
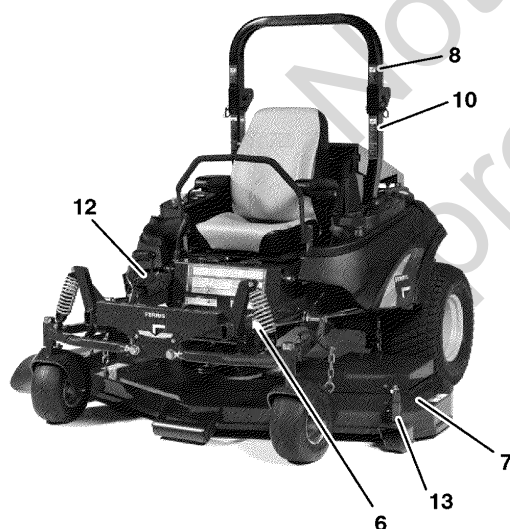
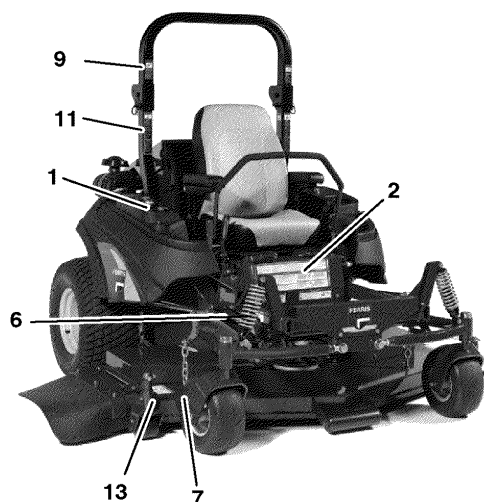
Footnotes

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

5900979 (IS5100Z/C33D31CE)
5900617 (IS5100Z/C33DCE) (2006)
5900723 (IS5100Z/C33DCE)
5900602 (IS5100Z/C33D) (2006)
5900708 (IS5100Z/C33D61)
5900618 (IS5100Z/C33D61CE) (2006)

Decals - Safety & Operation

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



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

5900602 (IS5100Z/C33D) (2006)

5900708 (IS5100Z/C33D61)

Decals - Safety & Operation

REF NO	PART NO.	QTY.	DESCRIPTION
1	5100315	1	DECAL, CONTROL PANEL, IS5000Z
2	5100097	1	DECAL, MAIN SAFETY
3	5047696	1	DECAL, PRIMING INSTRUCTIONS
4	5100708	1	DECAL, DANGER, FIRE
5	5100709	1	DECAL, DANGER, FIRE (SP)
6	5100134	2	DECAL, WARNING, PINCH POINT
7	5100093	1	DECAL, WARNING, HAND IN PULLEY
8	5100405	1	DECAL, WARNING
9	5100406	1	DECAL, WARNING
10	5100403	1	DECAL, WARNING
11	5100404	1	DECAL, WARNING
12	5100316	1	DECAL, HEIGHT OF CUT, IS5000Z
13	5021036	1	DECAL, GREASE DAILY
14	5045923	1	DECAL, OIL RESERVOIR
15	5100428	1	DECAL, BELT & BLADE, IS5000Z

Not for
Reproduction

Footnotes

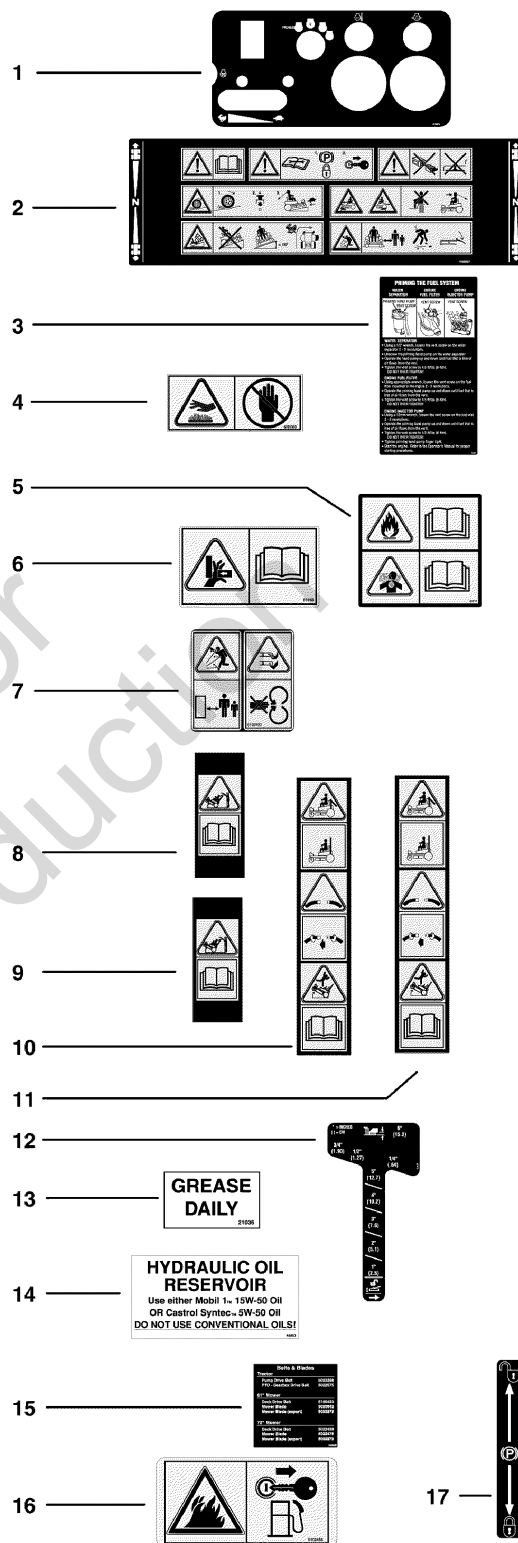
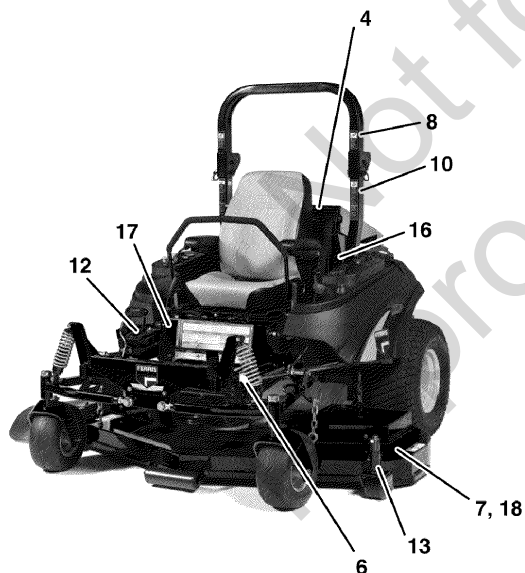
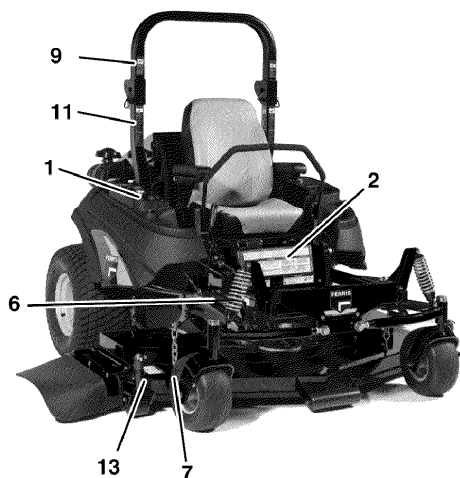
The above parts group applies to the following Mfg. Nos.:

5900602 (IS5100Z/C33D) (2006)

5900708 (IS5100Z/C33D61)

Decals - Safety & Operation - Export

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



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

5900618 (IS5100Z/C33D61CE) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900723 (IS5100Z/C33DCE)
5900979 (IS5100Z/C33D31CE)

Decals - Safety & Operation - Export

REF NO	PART NO.	QTY.	DESCRIPTION
1	5100315	1	DECAL, CONTROL PANEL, IS5000Z
2	5102627	1	DECAL, MAIN SAFETY, ANSI CE
3	5047696	1	DECAL, PRIMING INSTRUCTIONS
4	5101353	1	DECAL, HAND IN FLAME
5	5061217	1	DECAL, DANGER, CE
6	5061246	2	DECAL, PINCH POINT, CE
7	5102420	1	DECAL, DANGER, MOWER DECK, ANSI EXP
8	5100537	1	DECAL, WARNING
9	5100537	1	DECAL, WARNING
10	5100536	1	DECAL, WARNING
11	5100536	1	DECAL, WARNING
12	5100316	1	DECAL, HEIGHT OF CUT, IS5000Z
13	5021036	1	DECAL, GREASE DAILY
14	5045923	1	DECAL, OIL RESERVOIR
15	5100428	1	DECAL, BELT & BLADE, IS5000Z
16	5102456	1	DECAL, FIRE ANSI EXPORT
17	5102628	1	DECAL, PARKING BRAKE SYMBOLS
18	5102457	1	DECAL, DANGER DISCHARGE ANSI EXP

Not for
Reproduction

Footnotes

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

5900618 (IS5100Z/C33D61CE) (2006)

5900617 (IS5100Z/C33DCE) (2006)

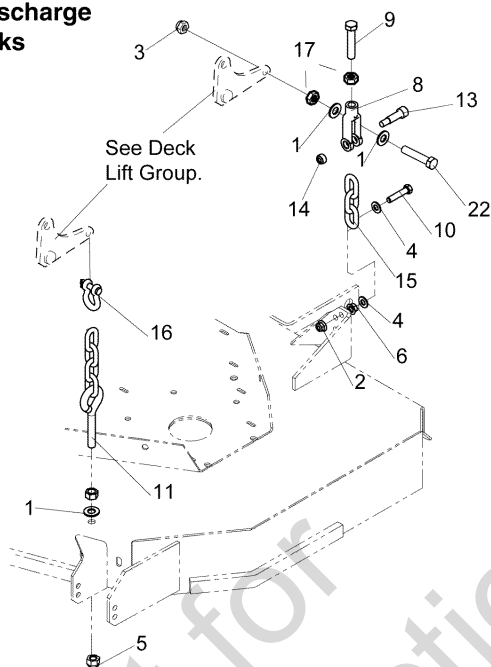
5900723 (IS5100Z/C33DCE)

5900979 (IS5100Z/C33D31CE)

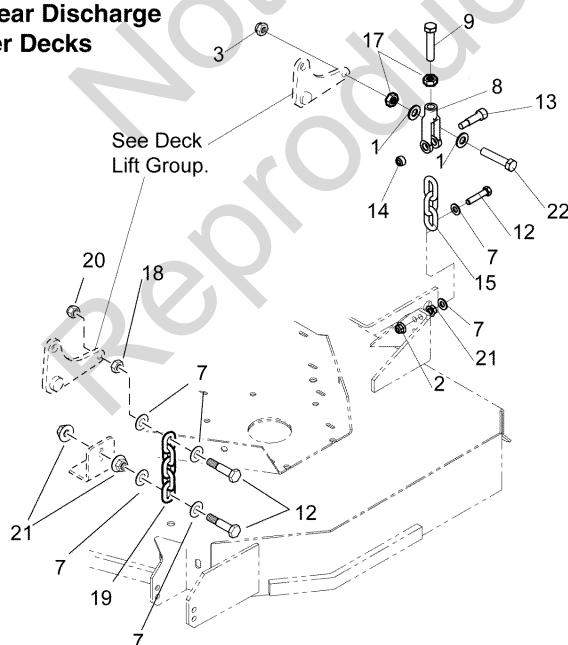
61" & 72" Mower Deck - Hanger Chains

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

All 61" Mower Decks & 72" Side Discharge Mower Decks



72" Rear Discharge Mower Decks



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

5900979 (IS5100Z/C33D31CE)

5901169 (5100/72RCE)

5901167 (5100/72)

5900708 (IS5100Z/C33D61)

5901171 (5100/72CE)

5900622 (5100/61R)

5900623 (5100/61RCE)

5900725 (5100/72RCE)

5900618 (IS5100Z/C33D61CE) (2006)

5900724 (5100/72CE)

5900726 (5100/61RCE)

5901168 (5100/72R)

61" & 72" Mower Deck - Hanger Chains

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025158	6	WASHER, 1/2" SAE
2	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
3	5025098	2	NUT, 1/2-20 HEX NYLON LOCK
4	5025156	4	WASHER 3/8" SAE
5	5025056	2	NUT, 1/2-13 HEX NYLON LOCK
6	5025128	2	NUT, 3/8-16 HEX LG. SERR FLG
7	5025156	12	WASHER 3/8" SAE
8	5023174	2	CLEVIS , 1/2-20, STEEL
9	5025426	2	BOLT, 1/2-20 X 2-1/2, FLT
10	5025013x14	2	BOLT, 3/8-16 X 1-3/4" GD5
11	5045026	2	HANGER, FRONT DECK - 4 LINK
12	5025013x14	6	BOLT, 3/8-16 X 1-3/4" GD5
13	5025427	2	BOLT, M12 X 30MM, SHOULDER
14	5025428	2	NUT, M10-1.5, NYLON INSERT
15	5050878x3	2	CHAIN, 5/16" GD30, 3 LINKS
16	5025438	2	ROUND. PIN ANCHOR SHACKLE
17	5025089	4	NUT, 1/2-20 HEX JAM
18	5025084	2	NUT, 3/8-16 HEX NYLON LOCK
19	5050878X5	2	CHAIN, 5 LINKS
20	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
21	5025128	6	NUT, 3/8-16 HEX LG. SERR FLG
22	5025018X20	2	BOLT, 1/2-20 X 2-1/2" GD5

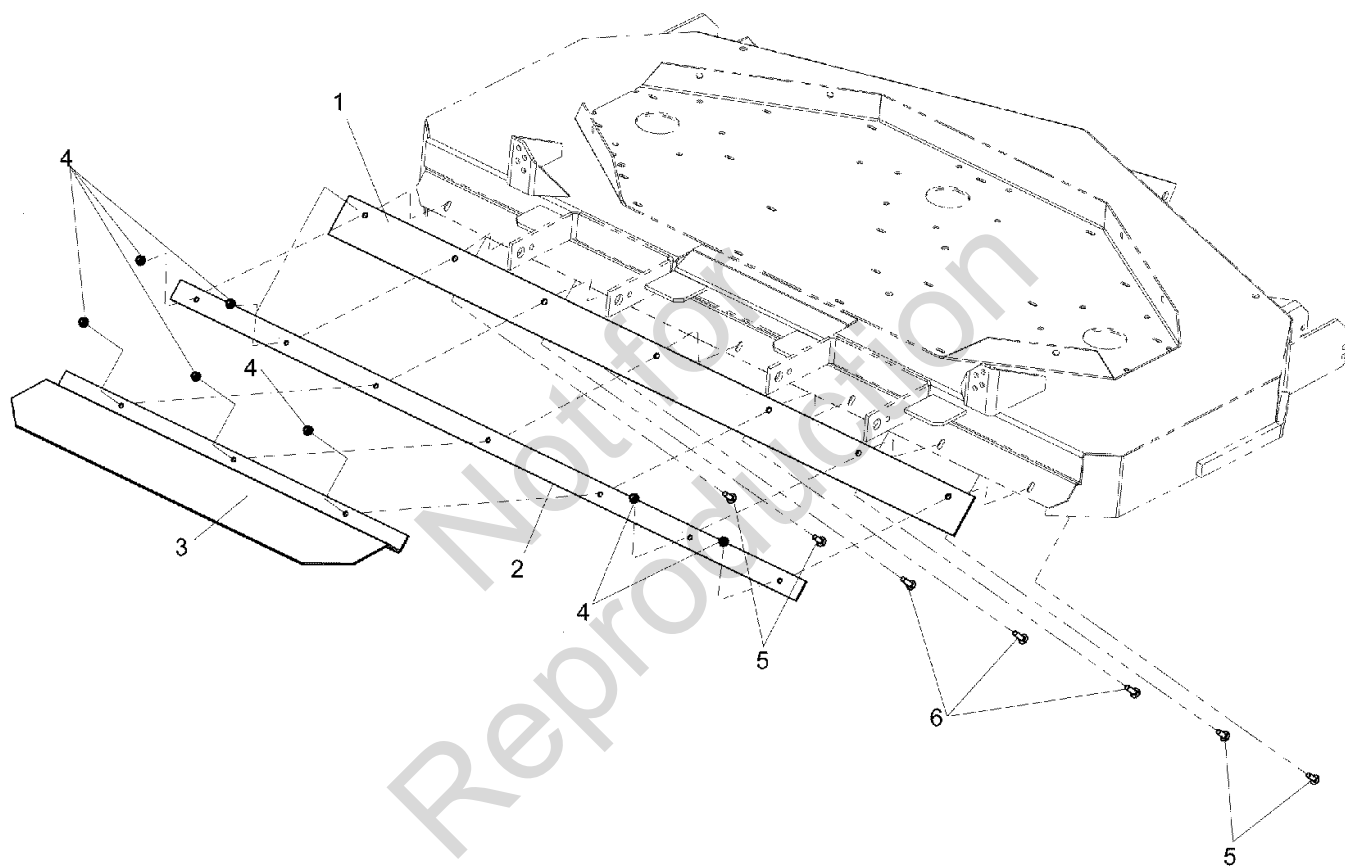
Footnotes

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

5900979 (IS5100Z/C33D31CE)	5901169 (5100/72RCE)
5901167 (5100/72)	5900708 (IS5100Z/C33D61)
5901171 (5100/72CE)	5900622 (5100/61R)
5900623 (5100/61RCE)	5900725 (5100/72RCE)
5900618 (IS5100Z/C33D61CE) (2006)	5900724 (5100/72CE)
5900726 (5100/61RCE)	5901168 (5100/72R)

61" Mower Deck - Deflector & Shield - Rear Discharge

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



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

5900623 (5100/61RCE)
5900622 (5100/61R)
5900726 (5100/61RCE)
5900618 (IS5100Z/C33D61CE) (2006)

61" Mower Deck - Deflector & Shield - Rear Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5048243	1	DEFLECTOR, RUBBER
2	5048245B	1	PLATE, RETAINING - RED
3	5401438B	1	PLATE, SHIELD - RED
4	5025392	7	NUT, 5/16-18 HEX NYLOCK FLANGE
5	5025145x8	4	CARRIAGE BOLT 5/16-18 X 3/4
6	5025145x10	3	CARRIAGE BOLT 5/16-18 X 3/4

Not for
Reproduction

Footnotes

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

5900623 (5100/61RCE)

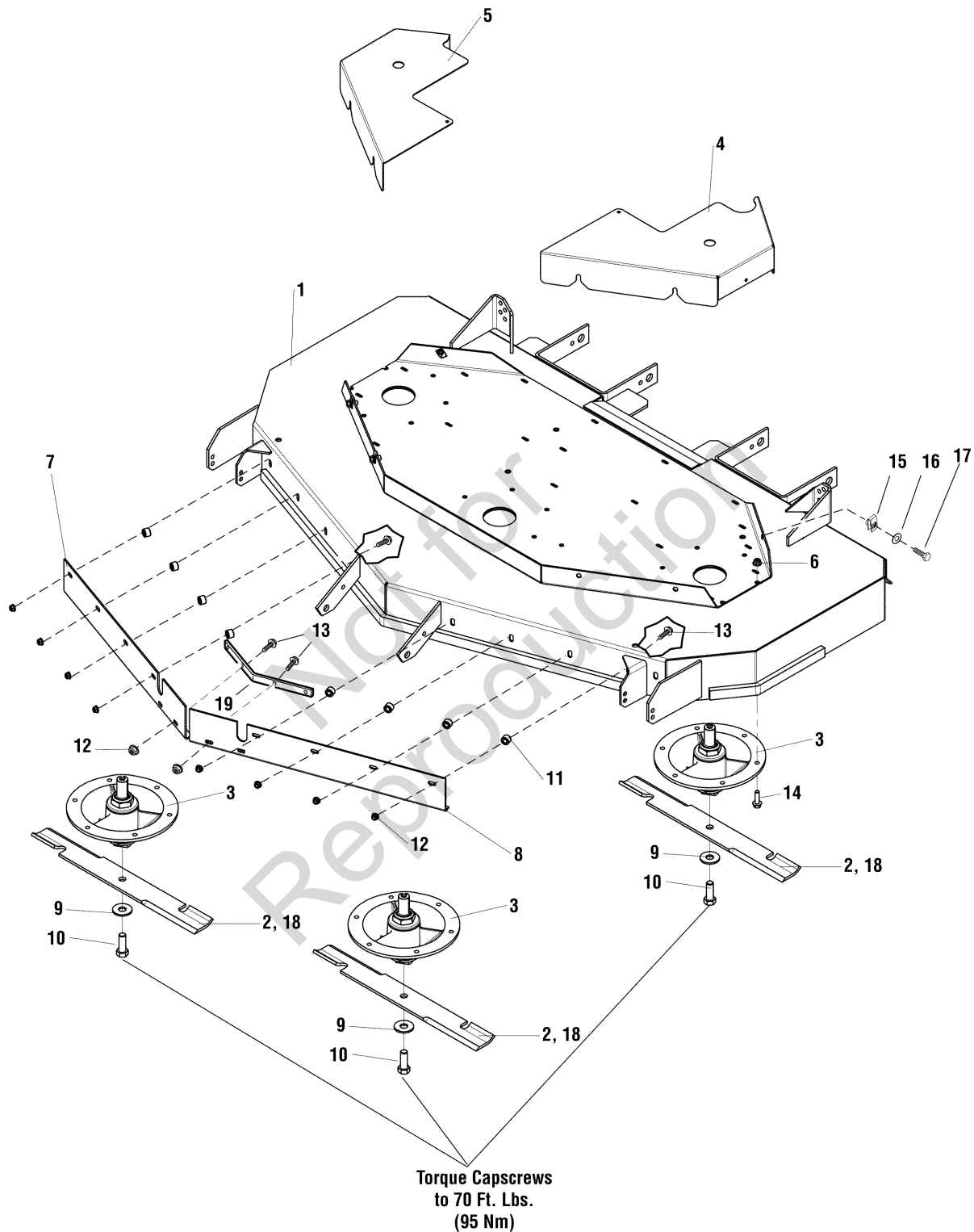
5900622 (5100/61R)

5900726 (5100/61RCE)

5900618 (IS5100Z/C33D61CE) (2006)

61" & 72" Mower Deck - Housing, Covers, Spindles & Blades - Rear Discharge

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



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

5900623 (5100/61RCE)

5900622 (5100/61R)

5901168 (5100/72R)

5900726 (5100/61RCE)

5900725 (5100/72RCE)

5901169 (5100/72RCE)

5900618 (IS5100Z/C33D61CE) (2006)

61" & 72" Mower Deck - Housing, Covers, Spindles & Blades - Rear Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600072	1	DECK SHELL W/DECALS, 61" RD - DOMESTIC (INCLUDES SAFETY DECALS) (Applies to 61" rear discharge domestic model only.)
1	5600073	1	DECK SHELL W/DECALS, 61" RD - EXPORT (INCLUDES SAFETY DECALS) (Applies to 61" rear discharge export model only.)
1	5600040	1	DECK SHELL W/DECALS, 72" RD - RED (INCLUDES SAFETY DECALS) (Applies to 72" rear discharge model only.)
2	5020842	3	BLADE, 21" (Applies to 61" rear discharge model only.)
2	5022476	3	BLADE, 25" (Applies to 72" rear discharge model only.)
3	5049438	3	ASSM, SPINDLE, BOTTOM MOUNT
4	5401212B	1	GUARD, 61" 5000 - LH - RED (Applies to 61" rear discharge model only.)
4	5401137B	1	GUARD, DECK - LH - RED (Applies to 72" rear discharge model only.)
5	5401213B	1	GUARD, 61" 5000 - RH - RED (Applies to 61" rear discharge model only.)
5	5401136B	1	GUARD, DECK - RH - RED (Applies to 72" rear discharge model only.)
6	5025394	18	NUT, 3/8-16 HEX NYLOCK FLANGE
7	5061411B	1	BAFFLE, BLOWOUT, RH (Applies to 61" rear discharge CE model only.)
7	5061408B	1	BAFFLE, BLOWOUT, RH (Applies to 72" rear discharge CE model only.)
8	5061412B	1	BAFFLE, BLOWOUT, LH (Applies to 61" rear discharge CE model only.)
8	5061409B	1	BAFFLE, BLOWOUT, LH (Applies to 72" rear discharge CE model only.)
9	5025477	3	WASHER, 5/8" GRADE 8, YZ
10	5025320x14	3	BOLT, 5/8-11 X 1-3/4 GR8
11	5047408	8	SPACER, .39 X .75 X .50
12	5025392	12	NUT, 5/16-18 HEX NYLOCK FLANGE (Applies to CE model only.)
13	5023156	12	BOLT, 5/16-18 X 3/4" FLANGE (Applies to CE model only.)
14	5025390x10	18	BOLT, 3/8-16 X 1-1/4", FLANGE
15	5022308	6	BODY CLIP, 5/16-18 X 1/2" DEEP
16	5025155	6	WASHER, 5/16" SAE
17	5025011x6	6	BOLT, 5/16-18 X 3/4" GD5
18	5023272	3	BLADE, 21", SAND (Applies to 61" rear discharge CE model only.)
18	5023273	3	BLADE, 25", SAND (Applies to 72" rear discharge CE model only.)
19	5061413B	1	BAFFLE, REINFORCEMENT (Applies to CE model only.)

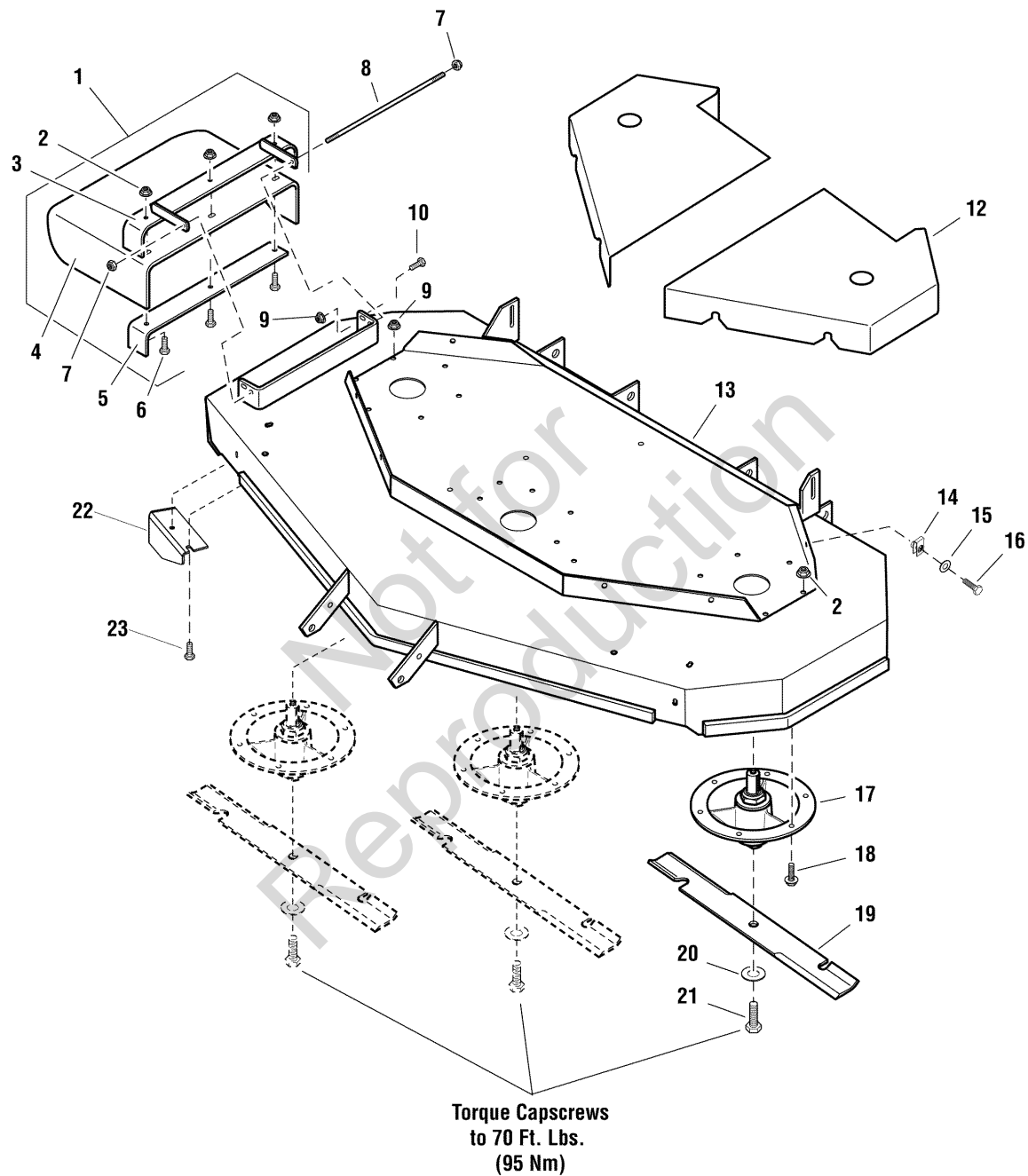
Footnotes

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

5900623 (5100/61RCE) 5900622 (5100/61R)
5901168 (5100/72R)
5900726 (5100/61RCE)
5900725 (5100/72RCE)
5901169 (5100/72RCE)
5900618 (IS5100Z/C33D61CE) (2006)

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

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



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

5900708 (IS5100Z/C33D61)

5900979 (IS5100Z/C33D31CE)

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

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600086	1	KIT, DISCHARGE CHUTE, 61/72, FERRIS RED
2	5025394	21	NUT, 3/8-16 HEX NYLOCK FLANGE
3	5061293B	1	WELD, FRAME, CHUTE, 61 - RED
4	5100843	1	CHUTE, DISCHARGE, RUBBER, 61/72
5	5402360B	1	SUPPORT, DISCHARGE CHUTE, 61/72 - RED
6	5025013X10	3	BOLT, 3/8-16 X 1-1/4 GD5
7	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
8	5061300	1	ROD MOUNT, CHUTE 61"
9	5025392	3	NUT, 5/16-18 HEX NYLOCK FLANGE
10	5025411	1	BOLT, 5/16-18 X 3/4 FLANGE
11	5403484B	1	GUARD, 61" RH - RED
12	5403485B	1	GUARD, 61" LH - RED
13	5600229	1	DECK SHELL W/DECALS, 61" - IS5100
14	5022308	6	CLIP, BODY , 5/16-18 FOR 7 GA.
15	5025155	6	WASHER, 5/16 SAE
16	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
17	5049438	3	ASSM, SPINDLE, BOTTOM MOUNT
18	5025390X10	18	BOLT, 3/8-16 X 1-1/4", FLANGE
19	5020842	3	BLADE, 21
20	5025477	3	WASHER, 5/8" GRADE 8, YZ
21	5025320X14	3	BOLT, 5/8-11 X 1-3/4" GD8
22	5401344B	1	PLATE, DEFLECTOR - RED
23	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE

Footnotes

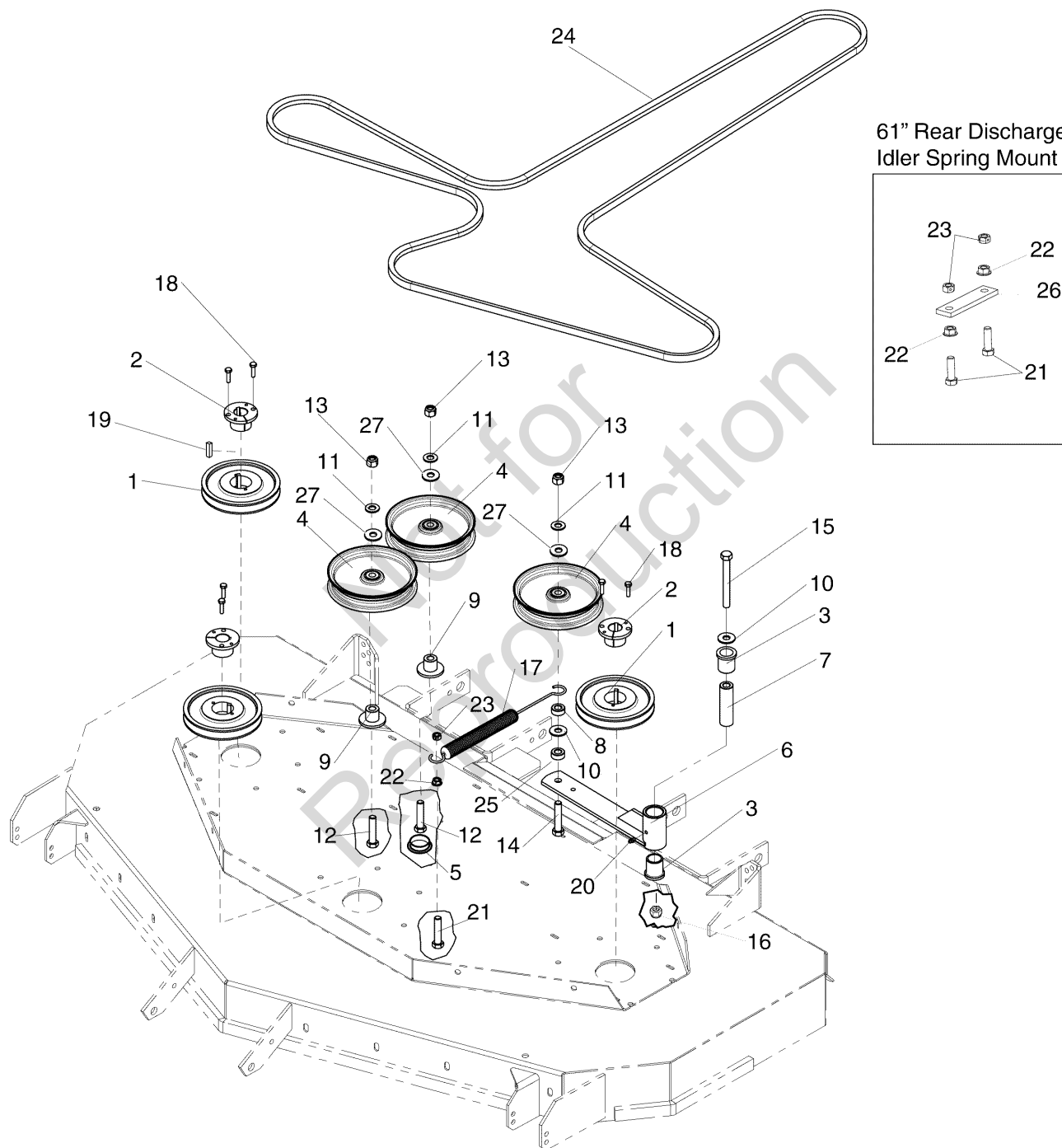
The above parts group applies to the following Mfg. Nos.:

5900708 (IS5100Z/C33D61)

5900979 (IS5100Z/C33D31CE)

61" & 72" Mower Deck - Pulleys, Belt & Idler Arm - Rear Discharge

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



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

5900623 (5100/61RCE)	5900618 (IS5100Z/C33D61CE) (2006)
5900726 (5100/61RCE)	
5901168 (5100/72R)	
5901169 (5100/72RCE)	
5900622 (5100/61R)	
5900725 (5100/72RCE)	

61" & 72" Mower Deck - Pulleys, Belt & Idler Arm - Rear Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5022794	3	PULLEY, SPINDLE, BH72 (Applies to 61" rear discharge models; Applies to 72" rear discharge models - S/N: 2000592793 & Above)
1	5023339	3	PULLEY, SPINDLE, BH78 (Applies to 72" rear discharge models - S/N: 2000592792 & Below)
2	5020819	3	BUSHING, TAPERED HUB
3	5021541	2	BUSHING, FLANGE
4	5600184	3	KIT, PULLEY & SHIELD (Includes Part Nos 5021976 & 5101103)
5	5022800	1	PLUG, HOLE 2-1/8
6	5045019B	1	WELD, IDLER ARM - RED (Applies to 61" rear discharge models; Applies to 72" rear discharge models - S/N: 2000592793 & Above)
6	5401621B	1	WELD, IDLER ARM - RED (Applies to 72" rear discharge models - S/N: 2000592792 & Below)
7	5045022	1	SPACER, .52 X 1.00 X 3.50
8	5045023	1	SPACER, .52 X 1.00 X .44
9	5046434B	2	WELD, MOUNT, IDLER - RED
10	5025150	3	WASHER, 1/2" USS
11	5025158	6	WASHER, 1/2" SAE
12	5025018x24	2	BOLT, 1/2-20 X 3" GD5
13	5025098	3	NUT, 1/2-20 HEX NYLON LOCK
14	5025018x20	1	BOLT, 1/2-20 X 2-1/2" GD5
15	5025017x36	1	BOLT, 1/2-13 X 4-1/2" GD5
16	5025056	1	NUT, 1/2-13 HEX NYLON LOCK
17	5023340	1	SPRING, EXTENSION, SWIVEL END
18	5025010x8	6	BOLT, 1/4-20 X 1" GD5
19	5022726	3	KEY 1/4 SQ X 1-1/2 LONG
20	5020095	1	GREASE FITTING, 1/4-28 STR
21	5025013x10	3	BOLT, 3/8-16 X 1-1/4" GD5 (Applies to 61" rear discharge model only.)
21	5025058x14	1	BOLT, 3/8-16 X 1-3/4" TFL (Applies to 72" rear discharge model only.)
22	5025128	3	NUT, 3/8-16 HEX LG. SERR FLG
23	5025100	3	NUT, 3/8-16 HEX SIDE LOCK (Applies to 61" rear discharge model only.)
23	5025096	1	NUT, 3/8-16 HEX NYLON LOCK (Applies to 72" rear discharge model only.)
24	5021724	1	BELT, DECK 61" (Applies to 61" models)
24	5022439	1	BELT, DECK 72" (Applies to 72" models)
25	5100520	1	SPACER, .515 X 1.00 X .218
26	5401594B	1	MOUNT, IDLER SPRING (Applies to 61" rear discharge model only.)
27	5101103	3	SHIELD, PULLEY BEARING

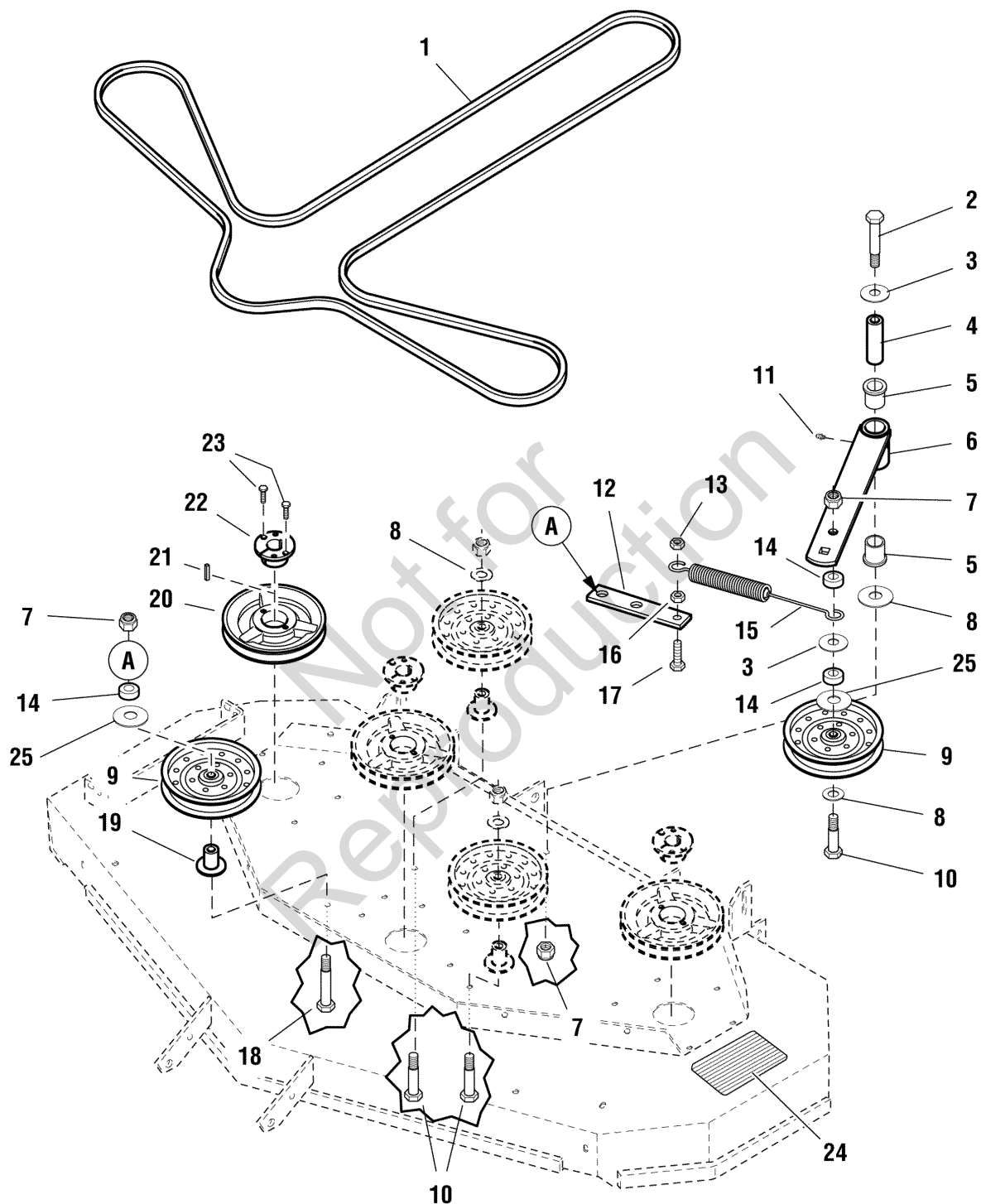
Footnotes

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

5900623 (5100/61RCE) 5900618 (IS5100Z/C33D61CE) (2006)
 5900726 (5100/61RCE)
 5901168 (5100/72R)
 5901169 (5100/72RCE)
 5900622 (5100/61R)
 5900725 (5100/72RCE)

61" Mower Deck - Pulleys, Belt & Idler Arm - Side Discharge

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



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

5900708 (IS5100Z/C33D61)

5900979 (IS5100Z/C33D31CE)

61" Mower Deck - Pulleys, Belt & Idler Arm - Side Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5021724	1	BELT, # 7-5336
2	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5
3	5025150	2	WASHER, 1/2 USS
4	5045022	1	SPACER, .52 X 1.00 X 3.50
5	5021541	2	BUSHING, FLANGE
6	5045019B	1	WELD, IDLER ARM
7	5025396	5	NUT, 1/2-13 HEX NYLOCK FLANGE
8	5025158	4	WASHER, 1/2 SAE
9	5021976	4	PULLEY, IDLER 6-3/4
10	5025017X24	2	BOLT, 1/2-13 X 3 GD5
11	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
12	5061226	1	MOUNT, IDLER SPRING
13	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
14	5045023	3	SPACER, .52 X 1.00 X .44
15	5023340	1	SPRING-EXTENSION, SWIVEL END
16	5025034	1	NUT, 3/8-16 HEX
17	5025013X10	1	BOLT, 3/8-16 X 1-1/4 GD5
18	5025017X28	1	BOLT, 1/2-13 X 3-1/2 GD5
19	5046434B	3	WELD, MOUNT, IDLER
20	5020815	3	PULLEY, SPINDLE, BH66
21	5022726	3	KEY 1/4 SQ X 1 1/2 LONG
22	5020819	3	BUSHING, TAPERED HUB
23	5025010X8	6	BOLT, 1/4-20 X 1, GD5
24	5101004	1	SAFETY WALK, 4.00 X 7.50
25	5101103	4	SHIELD, PULLEY BEARING

Footnotes

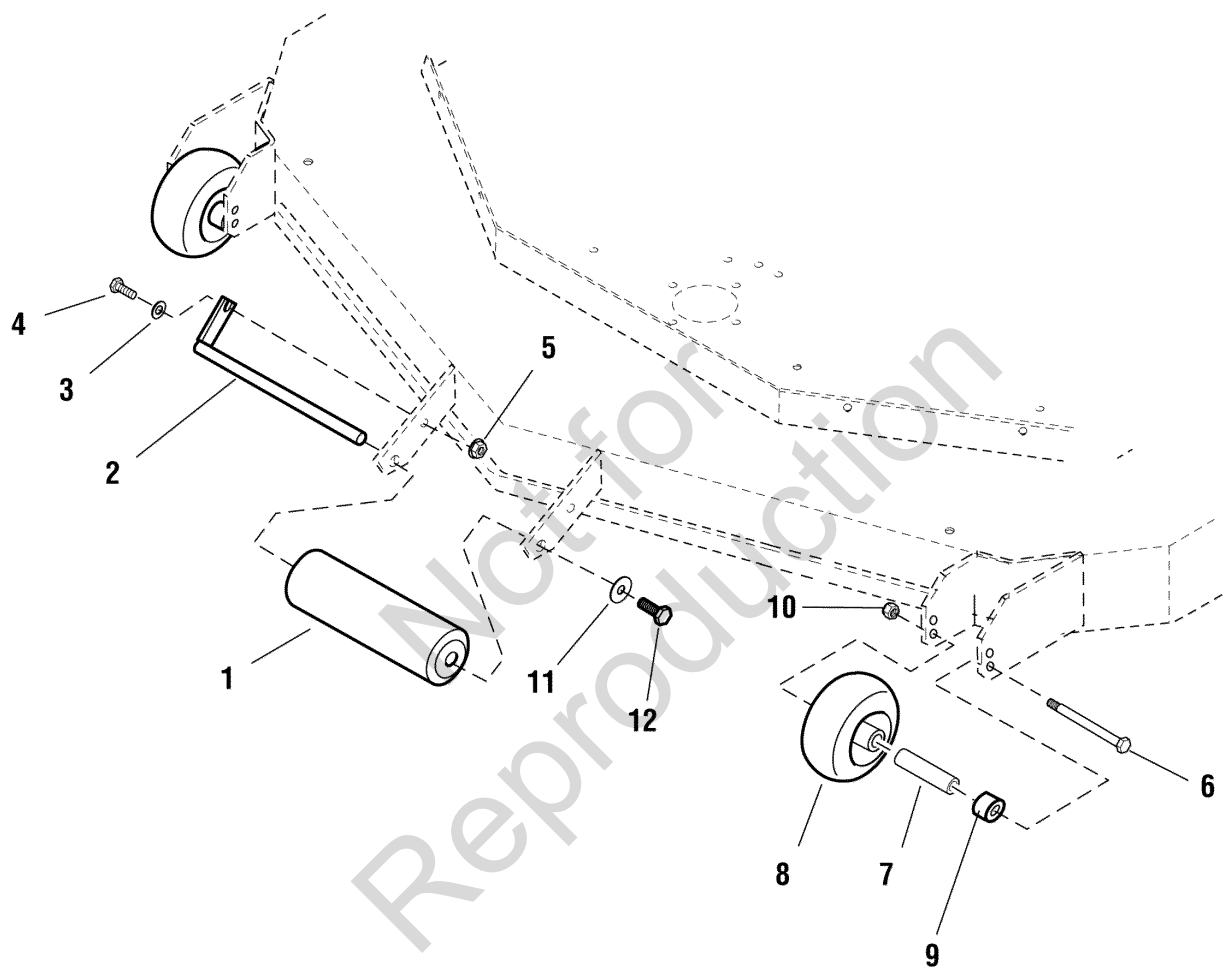
The above parts group applies to the following Mfg. Nos.:

5900708 (IS5100Z/C33D61)

5900979 (IS5100Z/C33D31CE)

61" Mower Deck - Rollers & Casters - Rear Discharge

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



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

5900622 (5100/61R)
5900623 (5100/61RCE)
5900726 (5100/61RCE)
5900618 (IS5100Z/C33D61CE) (2006)

61" Mower Deck - Rollers & Casters - Rear Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5020785	1	ROLLER, DECK
2	5041655B	1	WELD, BRACKET, ROLLER PIN
3	5025155	1	WASHER, 5/16" SAE
4	5025011x8	1	BOLT, 5/16 - 18 X 1
5	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE
6	5025013X36	2	BOLT, 3/8-16 X 4-1/2"
7	5045992	2	SPACER, .39 X 1.00 X.79
8	1716353	2	GAUGE WHEEL-2.70
9	5046446	2	SPACER, .39 X 1.00 X .80
10	5025096	2	NUT, 3/8-16 HEX NYLON LOCK
11	5100548	1	WASHER, .390 X 1.50 X .109 YZ
12	5025013X8	1	BOLT, 3/8-16 X 1 GD5 YZ

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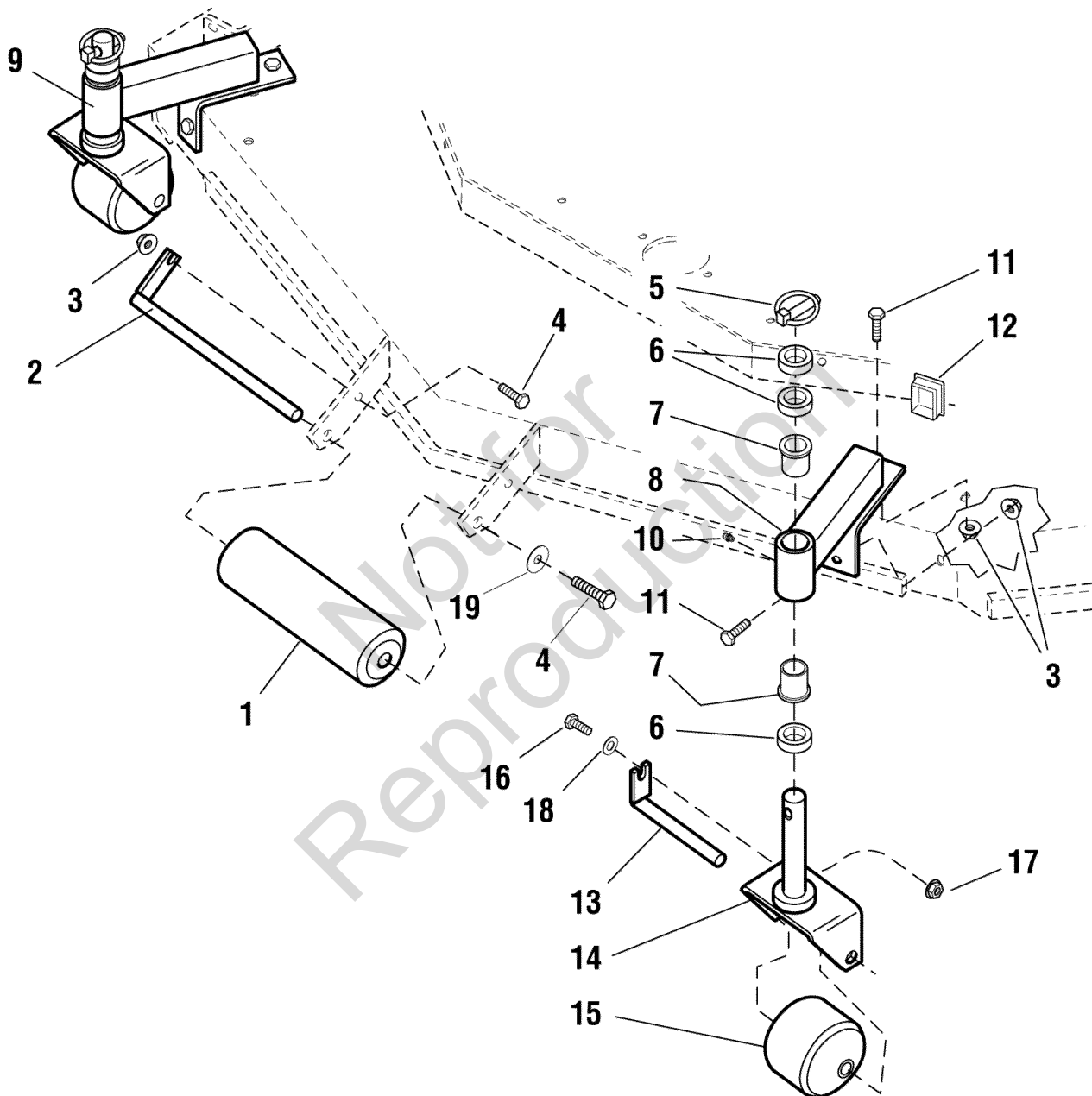
Footnotes

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

5900622 (5100/61R)
5900623 (5100/61RCE)
5900726 (5100/61RCE)
5900618 (IS5100Z/C33D61CE) (2006)

61" Mower Deck - Rollers & Casters - Side Discharge

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



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

5900708 (IS5100Z/C33D61)

5900979 (IS5100Z/C33D31CE)

61" Mower Deck - Rollers & Casters - Side Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5020785	1	ROLLER, DECK
2	5041655B	1	WELD, BRACKET, ROLLER PIN
3	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
4	5025013X8	2	BOLT, 3/8-16 X 1 GD5 YZ
5	5020655	2	PIN, LYNCH, 7/16
6	5041476	6	SPACER, 1.02 X 1.56 X .50
7	5021541	4	BUSHING, FLANGE
8	5600280	1	ASSM, ARM, DECK CASTER, LH (Includes bushing and grease fitting)
9	5600279	1	ASSM, ARM, DECK CASTER, RH (Includes bushings and grease fitting)
10	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
11	5025013X6	4	BOLT, 3/8-16 X 3/4 GD5 YZ
12	5022098	2	CAP, 1-1/2 X 2 X 11GA, PLASTIC
13	5045034	2	WELD, CASTER ROLLER PIN
14	5045188B	2	WELD, CASTER YOKE
15	5022060	2	ROLLER, SMALL
16	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
17	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
18	5025292	2	WASHER, 5/16 GD.9 FLAT
19	5100548	1	WASHER, .390 X 1.50 X .109 YZ

Footnotes

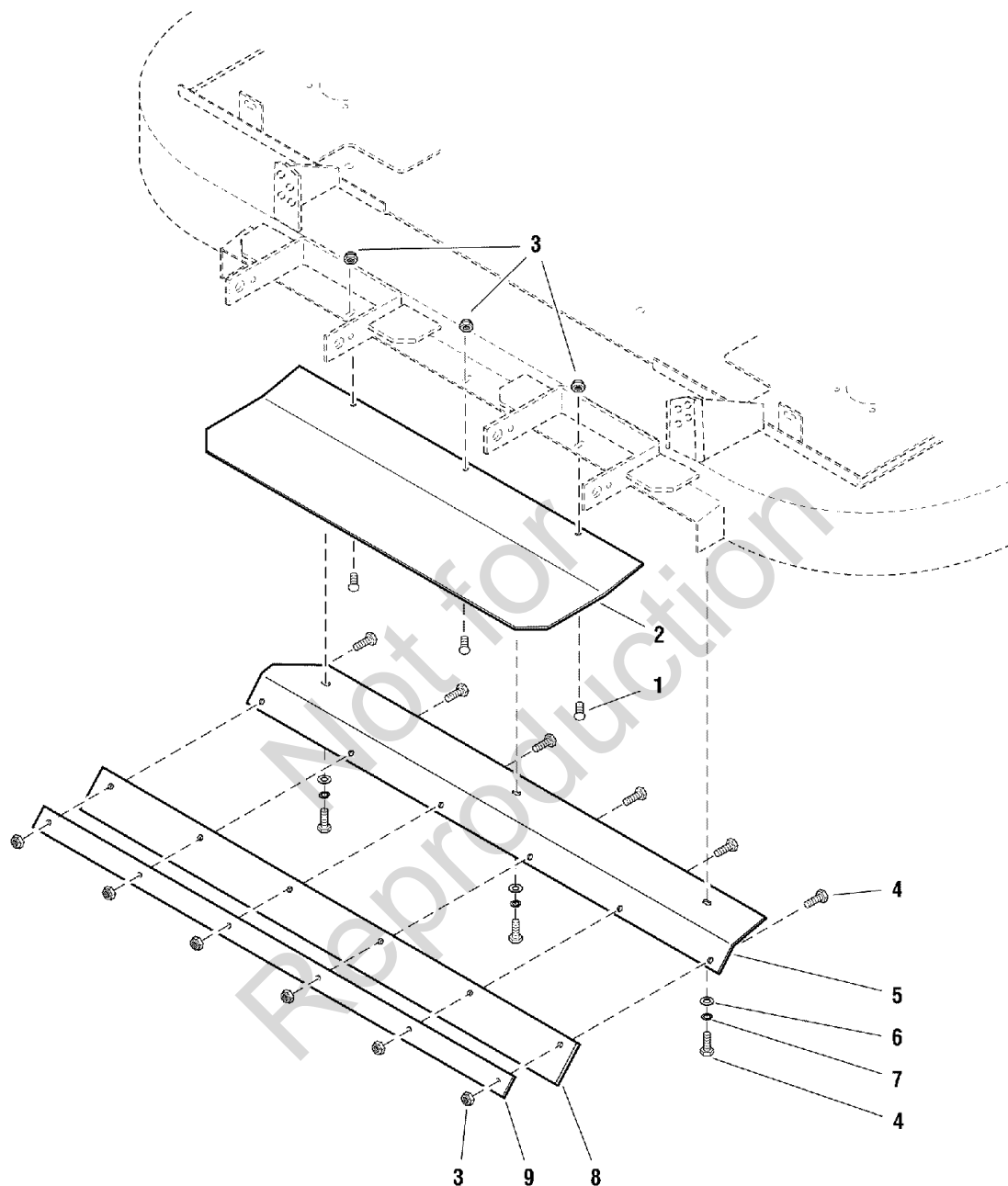
The above parts group applies to the following Mfg. Nos.:

5900708 (IS5100Z/C33D61)

5900979 (IS5100Z/C33D31CE)

72" Mower Deck - Deflector & Shield - Rear Discharge

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



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

5901168 (5100/72R)
5900725 (5100/72RCE)
5901169 (5100/72RCE)

72" Mower Deck - Deflector & Shield - Rear Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025145x6	3	BOLT, 5/16-18 X 3/4", CARRIAGE
2	5401240B	1	PLATE, SHIELD - RED
3	5025057	9	NUT, 5/16-18 HEX NYLON LOCK
4	5025011X8	9	BOLT, 5/16-18 X 1" GD5 YZ
5	5048469B	1	PLATE, ANGLE DEFLECTOR
6	5025155	3	WASHER, 5/16" SAE
7	5025170	3	WASHER, 5/16" LOCK
8	5048470	1	DEFLECTOR
9	5048471B	1	PLATE, RETAINING

Not for
Reproduction

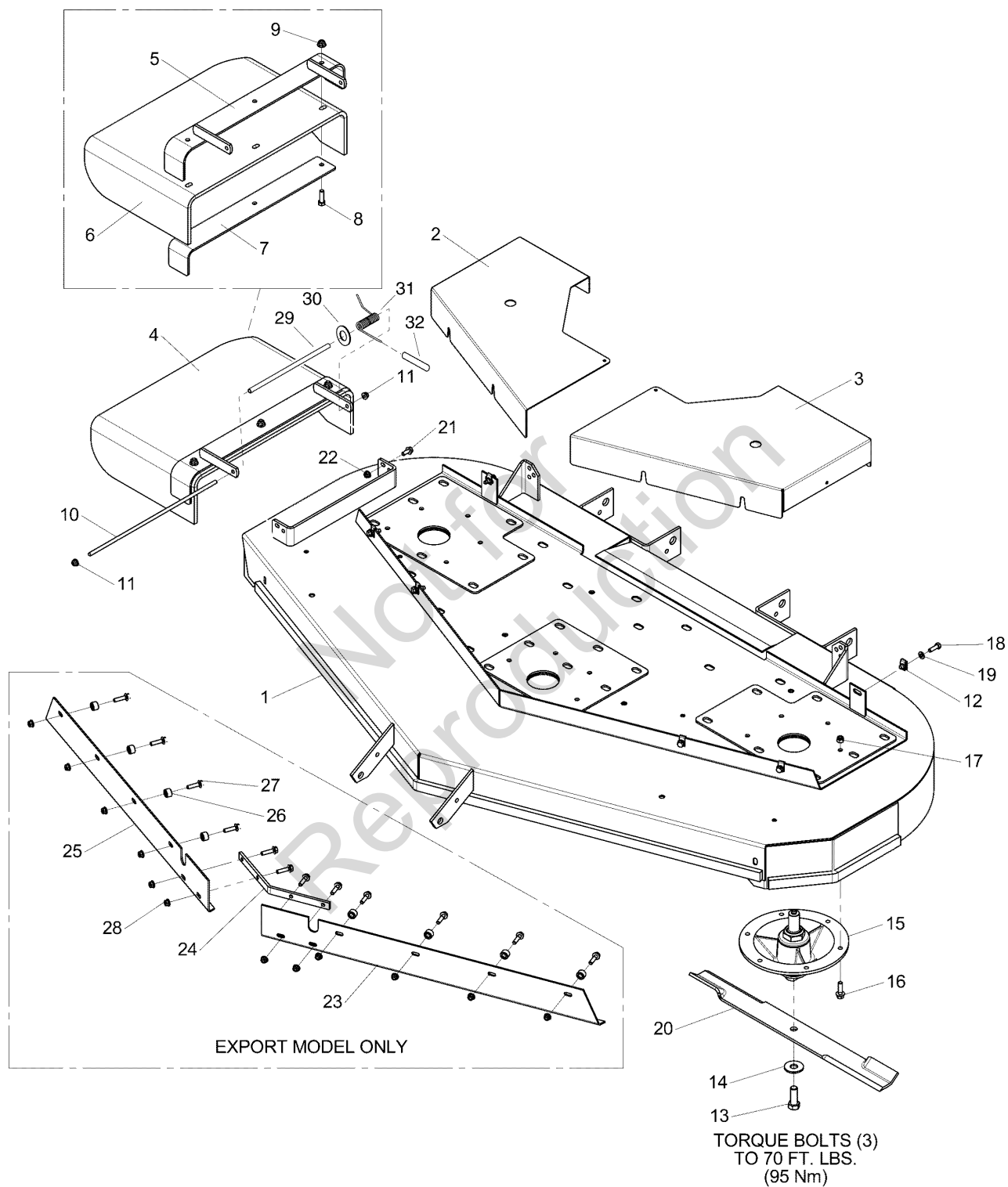
Footnotes

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

5901168 (5100/72R)
5900725 (5100/72RCE)
5901169 (5100/72RCE)

72" Mower Deck - Housing, Covers, Spindles & Blades - Side Discharge

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



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

5900724 (5100/72CE)

5901167 (5100/72)

5901171 (5100/72CE)

72" Mower Deck - Housing, Covers, Spindles & Blades - Side Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600228	1	DECK SHELL W/DECALS, 72" (Includes safety decals)
1	5600041	1	DECK SHELLW/DECALS, 72" EXPORT (Includes safety decals)
2	5401136B	1	GUARD, 72", RH
3	5401137B	1	GUARD, 72", LH
4	5061288B	1	RUBBER CHUTE ASSEMBLY (Includes Ref. No. 5 - 9)
5	5061293B	1	CHUTE FRAME
6	5402403	1	RUBBER DISCHARGE CHUTE
7	5061290B	1	SUPPORT, DISCHARGE CHUTE
8	5025013X10	3	BOLT, 3/8-16 X 1-1/4"
9	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
10	5061300	1	ROD, MOUNT, CHUTE, 61"
11	5025393	2	NUT, 5/16-24 HEX NYLOCK FLANGE
12	5022308	6	BODY CLIP, 5/16-18
13	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GR8
14	5025477	3	WASHER, 5/8" GRADE 8, YZ
15	5049438	3	SPINDLE ASSEMBLY
16	5025390X10	18	BOLT, 3/8-16 X 1-1/4", FLANGE
17	5025096	18	NUT, 3/8-16 HEX NYLON LOCK
18	5025011X8	6	BOLT, 5/16-18 X 1"
19	5025155	6	WASHER, 5/16" SAE
20	5022476	3	BLADE, 25"
20	5023273	3	BLADE, 25", SAND (Export model only)
21	5025411	1	BOLT, 5/16-18 X 3/4" FLANGE
22	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE
23	5061409B	1	BLOWOUT BAFFLE, LH (Export model only)
24	5061413B	1	BAFFLE REINFORCEMENT (Export model only)
25	5061408B	1	BLOWOUT BAFFLE, RH (Export model only)
26	5047408	8	SPACER, .39 X .75 X .50 (Export model only)
27	5023156	12	BOLT, 5/16-18 X 3/4" FLANGE (Export model only)
28	5025392	12	NUT, 5/16-18 HEX NYLOCK FLANGE (Export model only)
29	5050086X10P75	1	TUBE, 1/2 X 3/8 X 10.75 BLACK POLY (Export model only)
30	5025164	1	WASHER, 5/16 FENDER (Export model only)
31	5023385	1	SPRING, TORSION (Export model only)
32	5023489	1	CAP, PROTECTOR, .120 ID (Export model only)

Footnotes

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

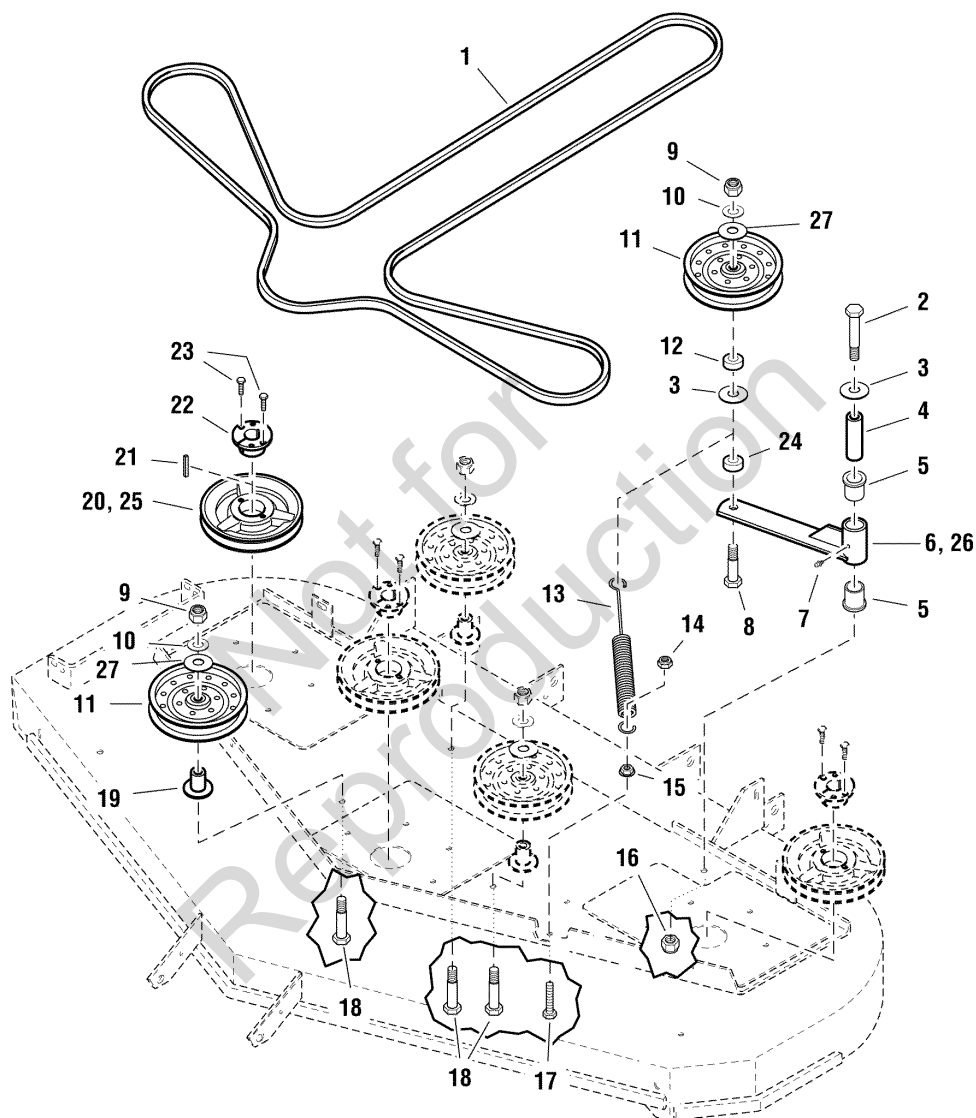
5900724 (5100/72CE)

5901167 (5100/72)

5901171 (5100/72CE)

72" Mower Deck - Pulleys, Belt & Idler Arm - Side Discharge

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



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

5901171 (5100/72CE)

5901167 (5100/72)

5900724 (5100/72CE)

72" Mower Deck - Pulleys, Belt & Idler Arm - Side Discharge

REF NO	PART NO.	QTY.	DESCRIPTION
1	5022439	1	BELT, DECK 72" 31 HP HORIZ.
2	5025017x36	1	BOLT, 1/2-13 X 4-1/2" GD5
3	5025150	2	WASHER, 1/2" USS
4	5045022	1	SPACER, .52 X 1.00 X 3.50
5	5021541	2	BUSHING, FLANGE (2 per Idler arm.)
6	5045019B	1	WELD, IDLER ARM (Domestic Models Only.) (Includes Ref. Nos 5 and 7.)
7	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
8	5025018x20	1	BOLT, 1/2-20 X 2-1/2" GD5 YZ
9	5025098	1	NUT-HEX NYLON LOCK 1/2-20 HYDRO CUT
10	5025158	1	WASHER, 1/2" SAE
11	5600184	4	KIT, PULLEY & SHIELD (Includes Part Nos 5021976 & 5101103)
12	5045023	2	SPACER, .52 X 1.00 X .44
13	5023340	1	SPRING, EXTENSION, SWIVEL END
14	5025100	1	NUT, 3/8-16 HEX SIDE LOCK
15	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
16	5025056	1	NUT, 1/2-13 HEX NYLON LOCK
17	5025058X14	1	BOLT, 3/8-16 X 1-3/4" GD5 TFL
18	5025018x28	3	BOLT, 1/2-20 X 3-1/2" GD5 YZ
19	5046434B	3	WELD, MOUNT, IDLER
20	5022794	3	PULLEY, SPINDLE, BH72 (Domestic Models Only.)
21	5022726	3	KEY 1/4 SQ X 1 1/2 LONG
22	5020819	3	BUSHING, TAPERED HUB
23	5025010X8	6	BOLT, 1/4-20 X 1", GD5
24	5100520	1	SPACER, .515 X 1.00 X .218
25	5023339	3	PULLEY, SPINDLE, BH 78 (Export Models Only - S/N: 2000592771 & Below)
25	5022794	3	PULLEY, SPINDLE, BH 72 (Export Models Only - S/N: 2000592772 & Above)
26	5401621B	1	WELD, IDLER ARM - RED (Export Models Only - S/N: 2000592771 & Below)
26	5045019B	1	WELD, IDLER ARM - RED (Export Models Only - S/N: 2000592772 & Above)
27	5101103	4	SHIELD, PULLEY BEARING

Footnotes

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

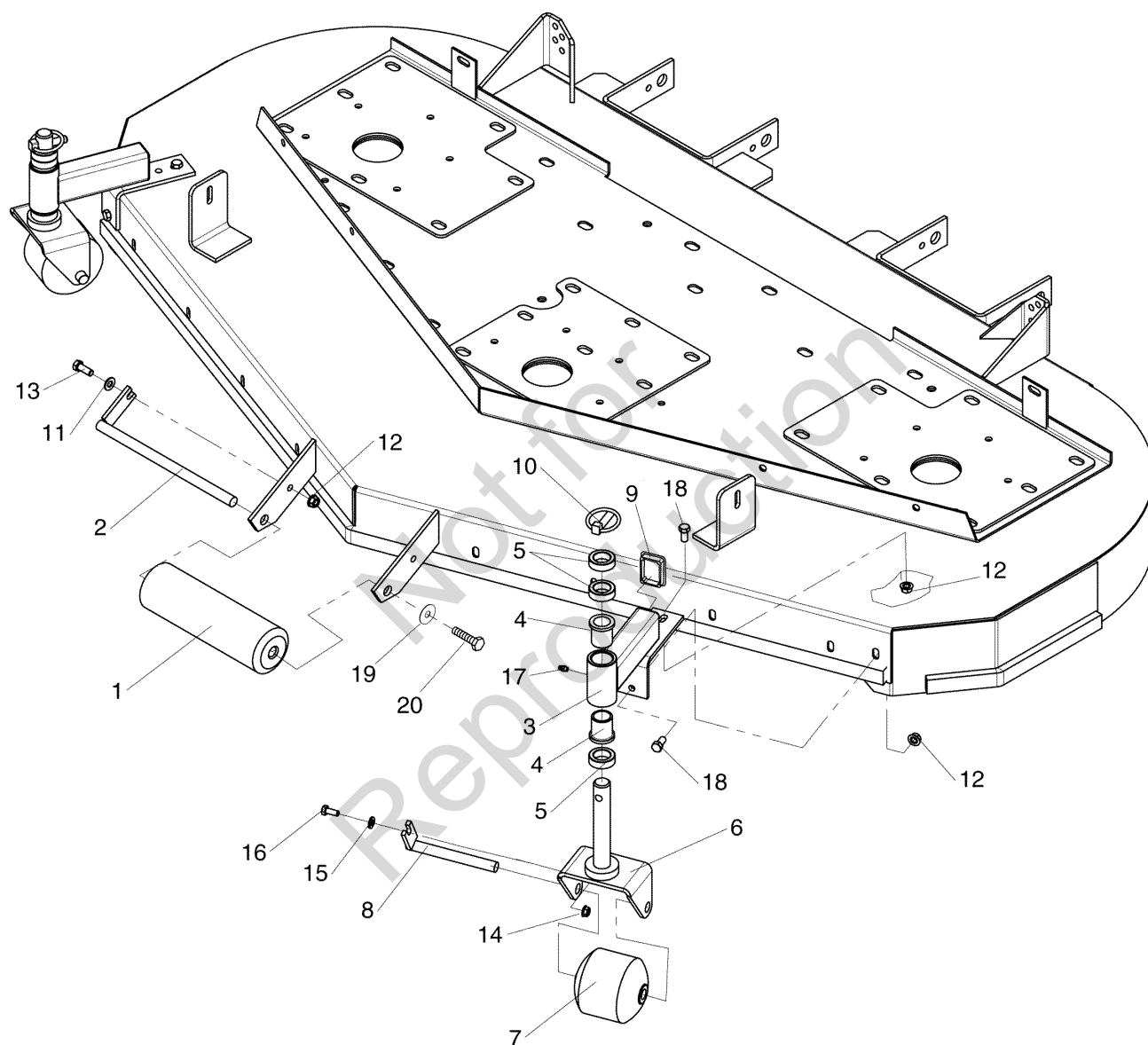
5901171 (5100/72CE)

5901167 (5100/72)

5900724 (5100/72CE)

72" 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.:

5900725 (5100/72RCE)
5901167 (5100/72)
5900724 (5100/72CE)
5901169 (5100/72RCE)
5901168 (5100/72R)
5901171 (5100/72CE)

72" Mower Deck - Rollers & Casters

REF NO	PART NO.	QTY.	DESCRIPTION
1	5020785	1	ROLLER, DECK
2	5041655B	1	WELD, BRACKET, ROLLER PIN
3	5046965B	2	WELD, ARM, DECK CASTER (Includes Ref. Nos 4, 9, and 17.)
4	5021541	4	BUSHING, FLANGE (2 per caster arm.)
5	5041476	6	SPACER, 1.02 X 1.56 X .50
6	5045188B	2	WELD, CASTER YOKE
7	5022060	2	ROLLER, SMALL
8	5045034B	2	WELD, CASTER ROLLER PIN
9	5022098	2	CAP, 1-1/2" X 2" X 11GA, PLASTIC
10	5020655	2	PIN, LYNCH, 7/16"
11	5025156	1	WASHER 3/8" SAE
12	5025128	5	NUT, 3/8-16 HEX LG. SERR FLG
13	5025013X8	1	BOLT, 3/8-16 X 1" GD5
14	5025127	2	NUT, 5/16-18 HEX SM. SERR. FLG.
15	5025292	2	WASHER, 5/16" GD. 9 FLAT
16	5025011X6	2	BOLT, 5/16-18 X 3/4" GRD5
17	5020095	2	GREASE FITTING, 1/4-28 STR
18	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5
19	5100548	1	WASHER, .390 X 1.50 X .109 YZ
20	5025013X8	1	BOLT, 3/8-16 X 1 GD5 YZ

Footnotes

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

5900725 (5100/72RCE)

5901167 (5100/72)

5900724 (5100/72CE)

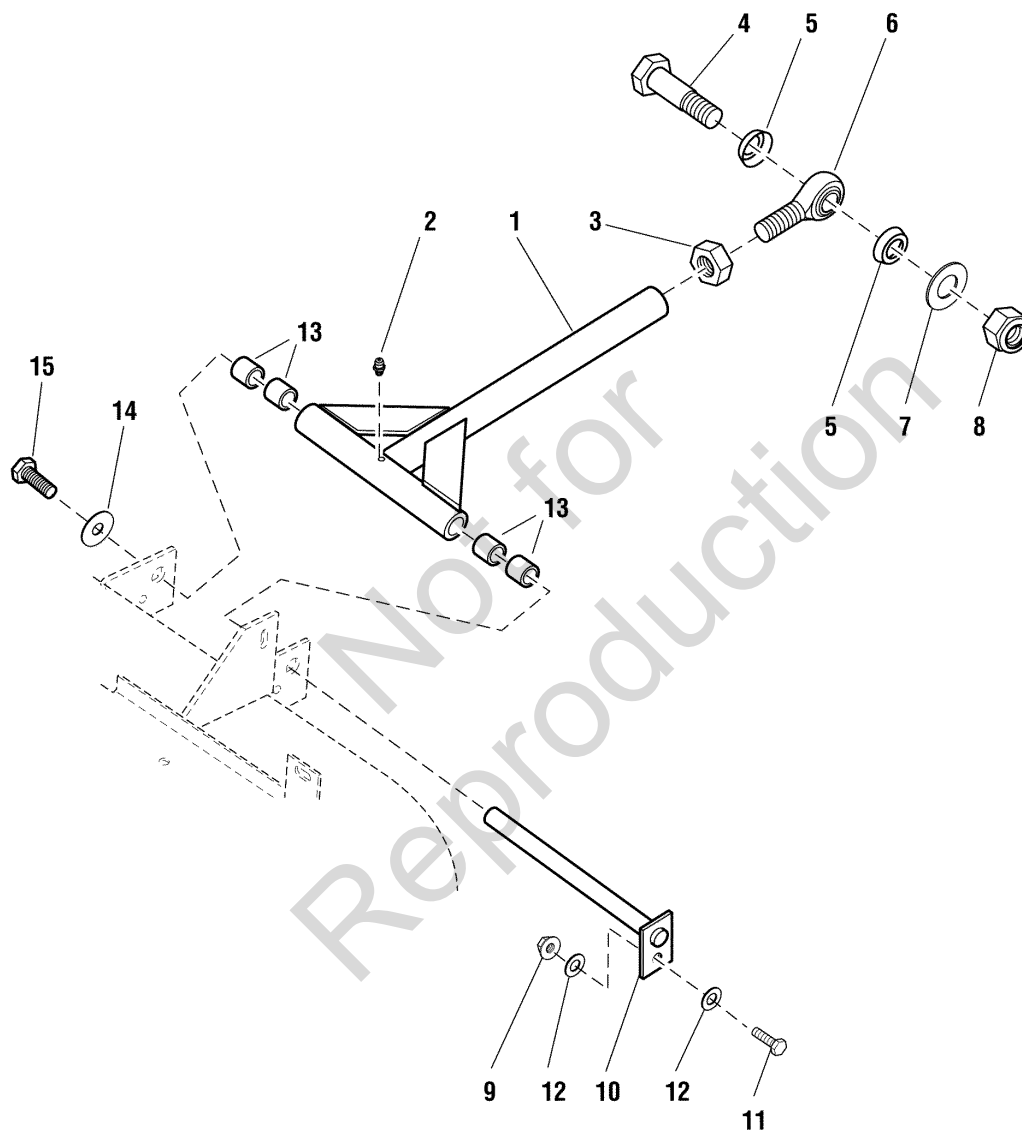
5901169 (5100/72RCE)

5901168 (5100/72R)

5901171 (5100/72CE)

61" & 72" 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.:

5900726 (5100/61RCE)	5900979 (IS5100Z/C33D31CE)
5901167 (5100/72)	5900724 (5100/72CE)
5901168 (5100/72R)	5900618 (IS5100Z/C33D61CE) (2006)
5900623 (5100/61RCE)	5900708 (IS5100Z/C33D61)
5901169 (5100/72RCE)	5900725 (5100/72RCE)
5900622 (5100/61R)	5901171 (5100/72CE)

61" & 72" Mower Decks - Rear Mount Bars

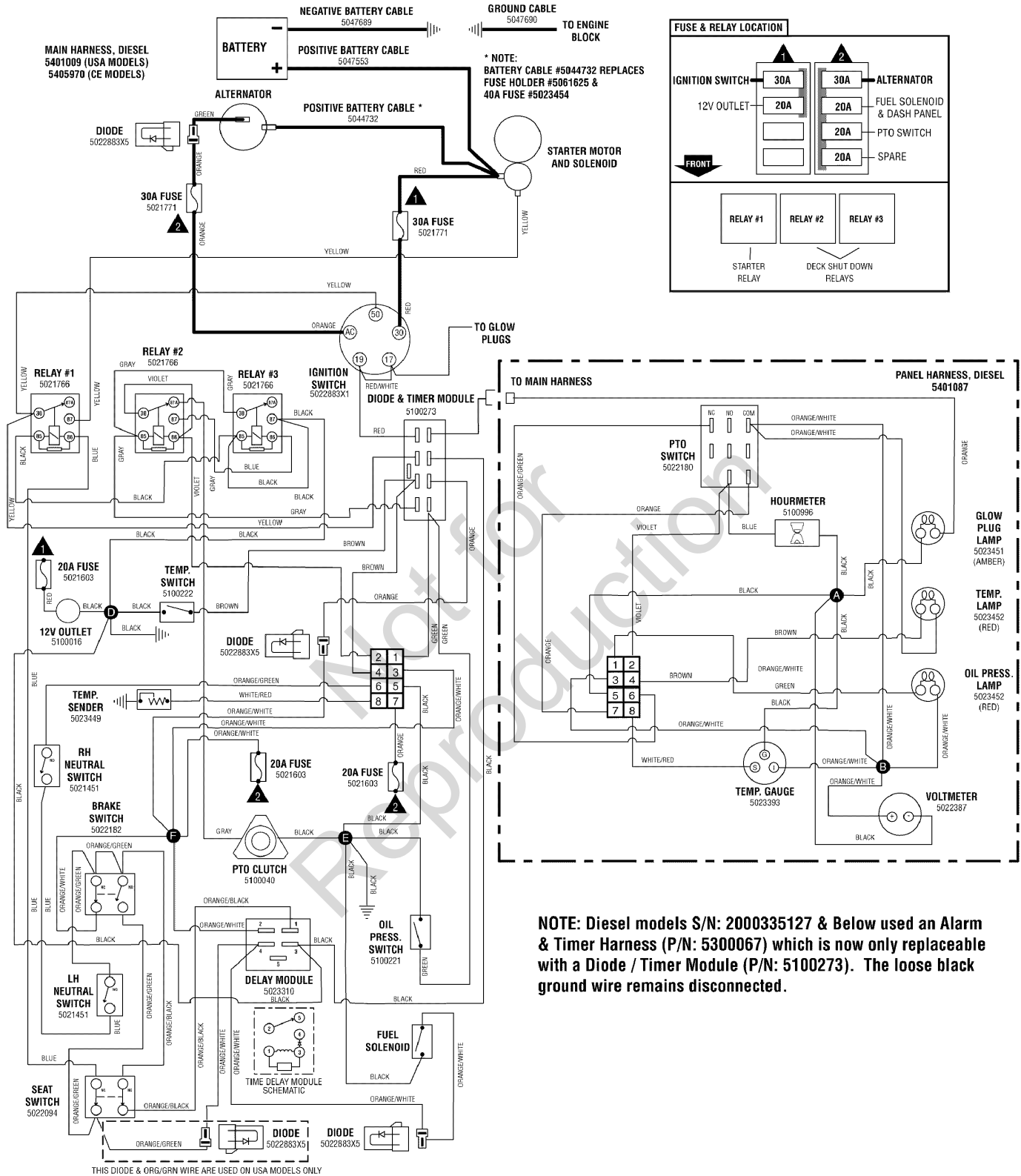
REF NO	PART NO.	QTY.	DESCRIPTION
1	5045009	2	DECK PUSHER BAR, Complete (Includes Ref No. 13)
2	5020095	2	GREASE FITTING
3	5025093	2	NUT, 3/4-16 Hex Jam
4	5025265X24	2	BOLT, 3/4-16 x 3
5	5022111	4	ROD END SEAL
6	5022039	2	BALL JOINT, 3/4-16 Male
7	5025160	2	WASHER, 3/4" SAE
8	5025284	2	NUT, 3/4-16 Hex 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)
14	5100548	2	WASHER, .390 X 1.50 X .109 YZ
15	5025013X8	2	BOLT, 3/8-16 X 1 GD5 YZ

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Footnotes

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

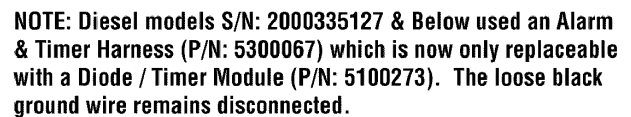
5900726 (5100/61RCE)	5900979 (IS5100Z/C33D31CE)
5901167 (5100/72)	5900724 (5100/72CE)
5901168 (5100/72R)	5900618 (IS5100Z/C33D61CE) (2006)
5900623 (5100/61RCE)	5900708 (IS5100Z/C33D61)
5901169 (5100/72RCE)	5900725 (5100/72RCE)
5900622 (5100/61R)	5901171 (5100/72CE)



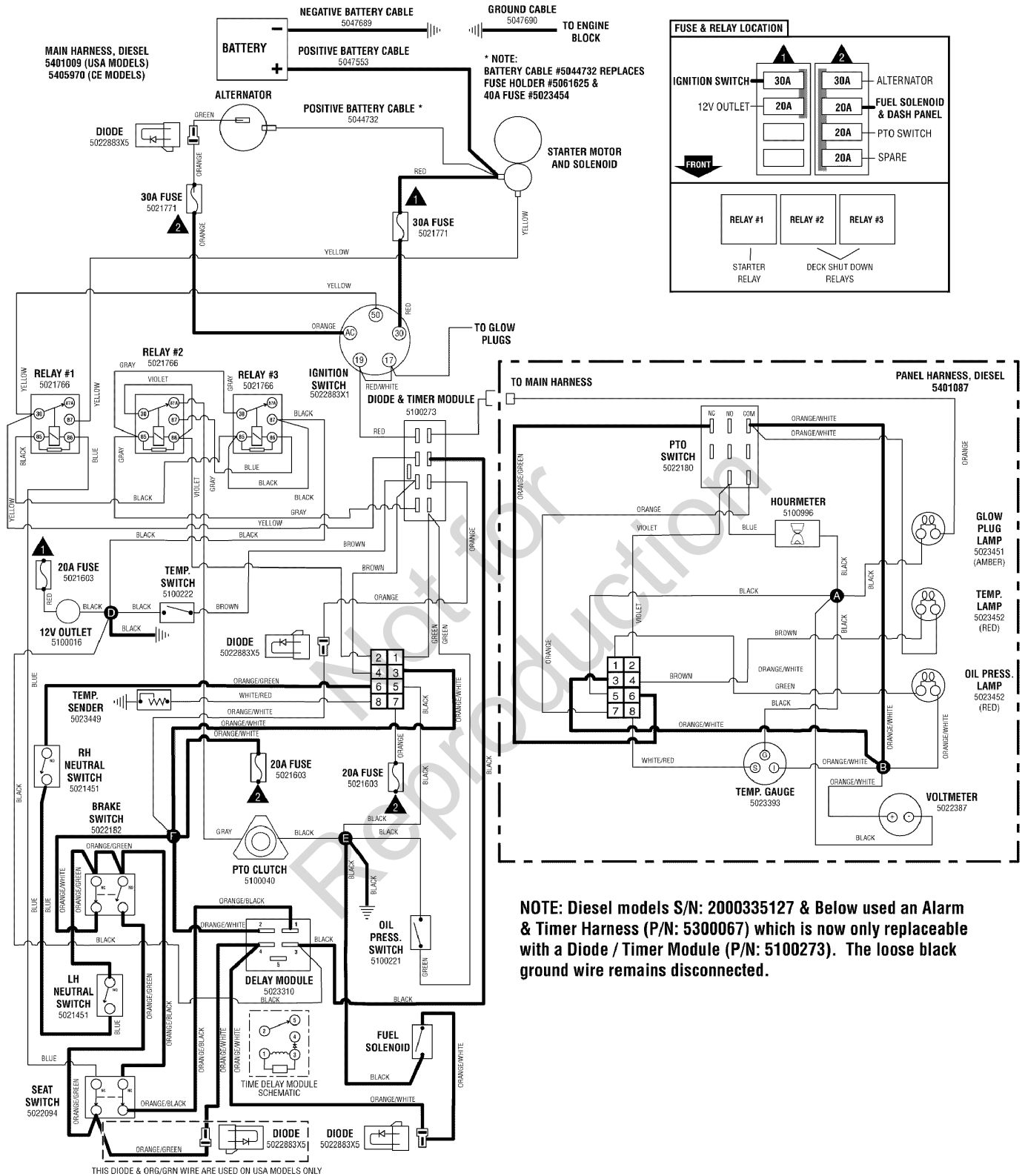
NOTE: Diesel models S/N: 2000335127 & Below used an Alarm & Timer Harness (P/N: 5300067) which is now only replaceable with a Diode / Timer Module (P/N: 5100273). The loose black ground wire remains disconnected.

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

- 5900979 (IS5100Z/C33D31CE)
- 5900723 (IS5100Z/C33DCE)
- 5900602 (IS5100Z/C33D) (2006)
- 5900617 (IS5100Z/C33DCE) (2006)
- 5900618 (IS5100Z/C33D61CE) (2006)
- 5900708 (IS5100Z/C33D61)

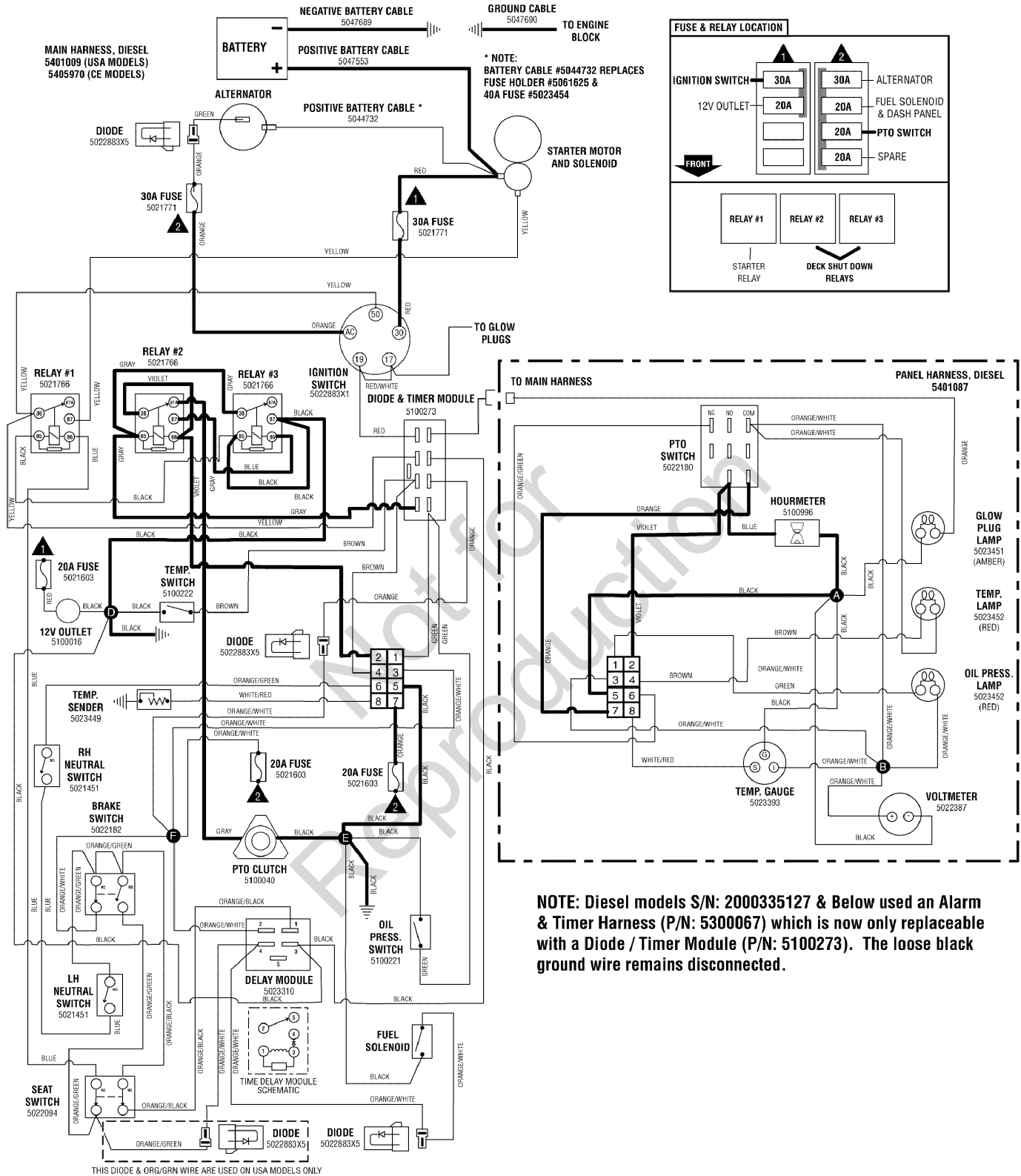


5900979 (IS5100Z/C33D31CE)
5900723 (IS5100Z/C33DCE)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)



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

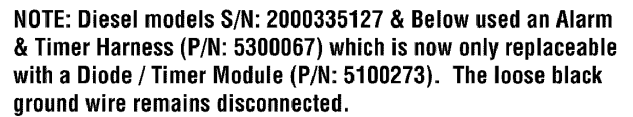
- 5900979 (IS5100Z/C33D31CE)
- 5900723 (IS5100Z/C33DCE)
- 5900602 (IS5100Z/C33D) (2006)
- 5900617 (IS5100Z/C33DCE) (2006)
- 5900618 (IS5100Z/C33D61CE) (2006)
- 5900708 (IS5100Z/C33D61)



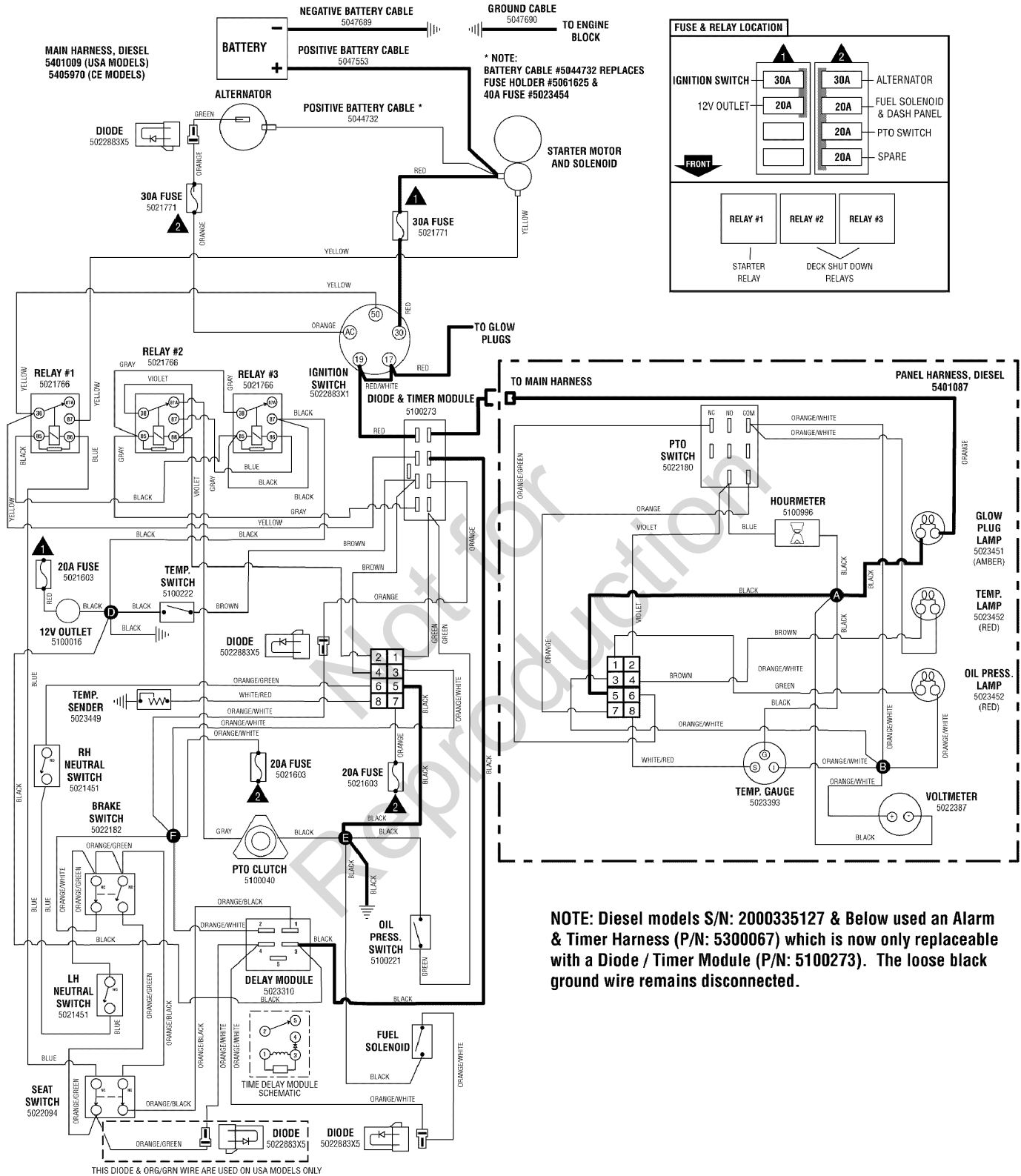
NOTE: Diesel models S/N: 2000335127 & Below used an Alarm & Timer Harness (P/N: 5300067) which is now only replaceable with a Diode / Timer Module (P/N: 5100273). The loose black ground wire remains disconnected.

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

- 5900979 (IS5100Z/C33D31CE)
- 5900723 (IS5100Z/C33DCE)
- 5900602 (IS5100Z/C33D) (2006)
- 5900617 (IS5100Z/C33DCE) (2006)
- 5900618 (IS5100Z/C33D61CE) (2006)
- 5900708 (IS5100Z/C33D61)



5900979 (IS5100Z/C33D31CE)
5900723 (IS5100Z/C33DCE)
5900602 (IS5100Z/C33D) (2006)
5900617 (IS5100Z/C33DCE) (2006)
5900618 (IS5100Z/C33D61CE) (2006)
5900708 (IS5100Z/C33D61)



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- 5900979 (IS5100Z/C33D31CE)
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- 5900602 (IS5100Z/C33D) (2006)
- 5900617 (IS5100Z/C33DCE) (2006)
- 5900618 (IS5100Z/C33D61CE) (2006)
- 5900708 (IS5100Z/C33D61)

Notes

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Notes

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Notes

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Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Carriage Bolt



Lockwasher



Hex Nut

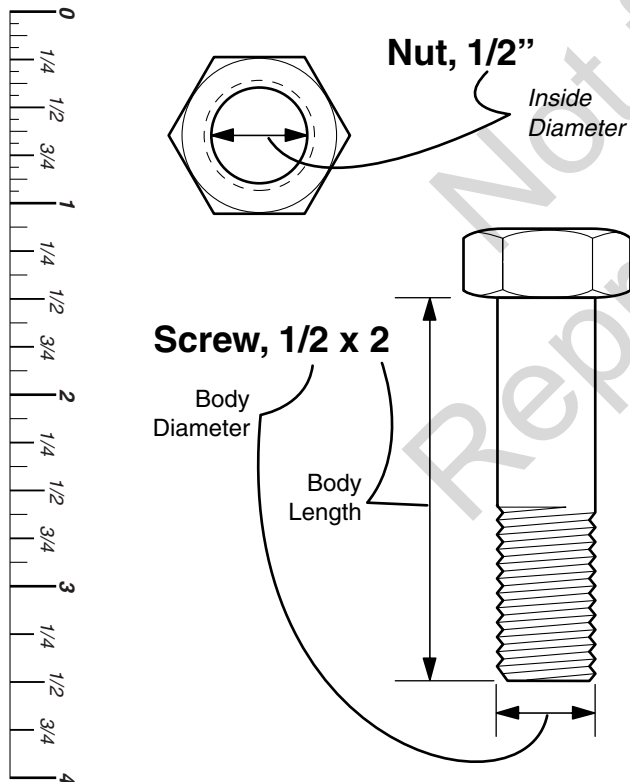


Standard Hardware Sizing

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

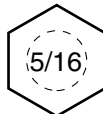
NOTES

- 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.

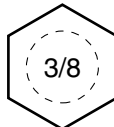
Wrench & Fastener Size Guide



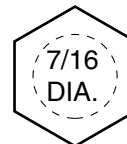
1/4" Bolt or Nut
Wrench—7/16"



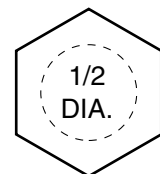
5/16" Bolt or Nut
Wrench—1/2"



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

IS5100Z Series

Zero-Turn Riding Mower

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