

GEHL®

Form No.
918412
Revision G
Apr. 2014

AL 540

Articulated Loader (SN 51242 and Up)

Parts Manual



When ordering service parts, specify the correct part number, full description, quantity required, the unit model number and serial number. For your safety and continued proper operation, use only genuine GEHL service parts.

The model and serial number for this unit are located on a panel on the upper right side of the front frame.

"Right" and "left" are determined from a position sitting on the seat and facing forward.

MANITOU AMERICAS, INC. reserves the right to make changes or improvements in the design or construction of any part of the unit without incurring the obligation to install such changes on any previously delivered units.

Refer to the abbreviations table located on this page for the various fastener descriptions.

Standard attaching hardware torque values are also provided on the inside back cover. Metric torque values shown in the illustrations are in Newton-meters and can be converted to foot-pounds by multiplying by 0.738.

Specific Reference Numbers, indicating a complete assembly, are circled in some illustrations. A small bag, pictured in some illustrations, indicates a seal kit (seals, o-rings, etc.). In the exploded view parts list, additional information may follow the Reference Number.

Serial number breaks are indicated as follows:

- (SN 999 and before) - indicates serial numbers up to and including 999.
- (SN 1000 - 2000) - indicates serial numbers from 1000 to 2000.
- (SN 999 and up) - indicates serial numbers including 999 and after.

Serial number exceptions and inclusions are indicated as follows:

- (SN 999 and before except 997) - indicates serial numbers up to and including 999, EXCEPT 997.

- (SN 1000 - 2000 except 1996 including 997) - indicates serial numbers between 1000 and 2000, INCLUDING 997 EXCEPT 1996.
- (SN 2001 and up including 1996) - indicates serial numbers including 2001 and after, INCLUDING 1996.

Unless otherwise specified, all cap screws, nuts, and bolts are Grade 8.8, cadmium or zinc plated.

NOTE: *The following abbreviations may be used herein:*

ASSD	Assembled
ASSY	Assembly
AR	As Required
CB	Carriage Bolt
CP	Cotter Pin
CS	Cap Screw (Hexagon Head)
CYL	Cylinder
DIA	Diameter
FHCS	Flat Head Cap Screw
GR	Grade
HB	Hex Bolt
HLN	Hex Lock Nut
HN	Hex Nut
HP	High Pressure
HYD	Hydraulic
INS	Insert
LN	Lock Nut
LT	Left
LW	Lock Washer
M	Meter or Meters
MM/mm	Millimeter
NPT	National Pipe Thread
OS	Oversized
RT	Right
SHCS	Socket Head Cap Screw
SLTD	Slotted
SN	Serial Number or Slotted Nut
SQ	Square
US	Undersized
W/	With
W/O	Without

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AL 540 - TOOLS
TOOLS / PAINT / SPECIAL SERVICE PARTS AND KITS

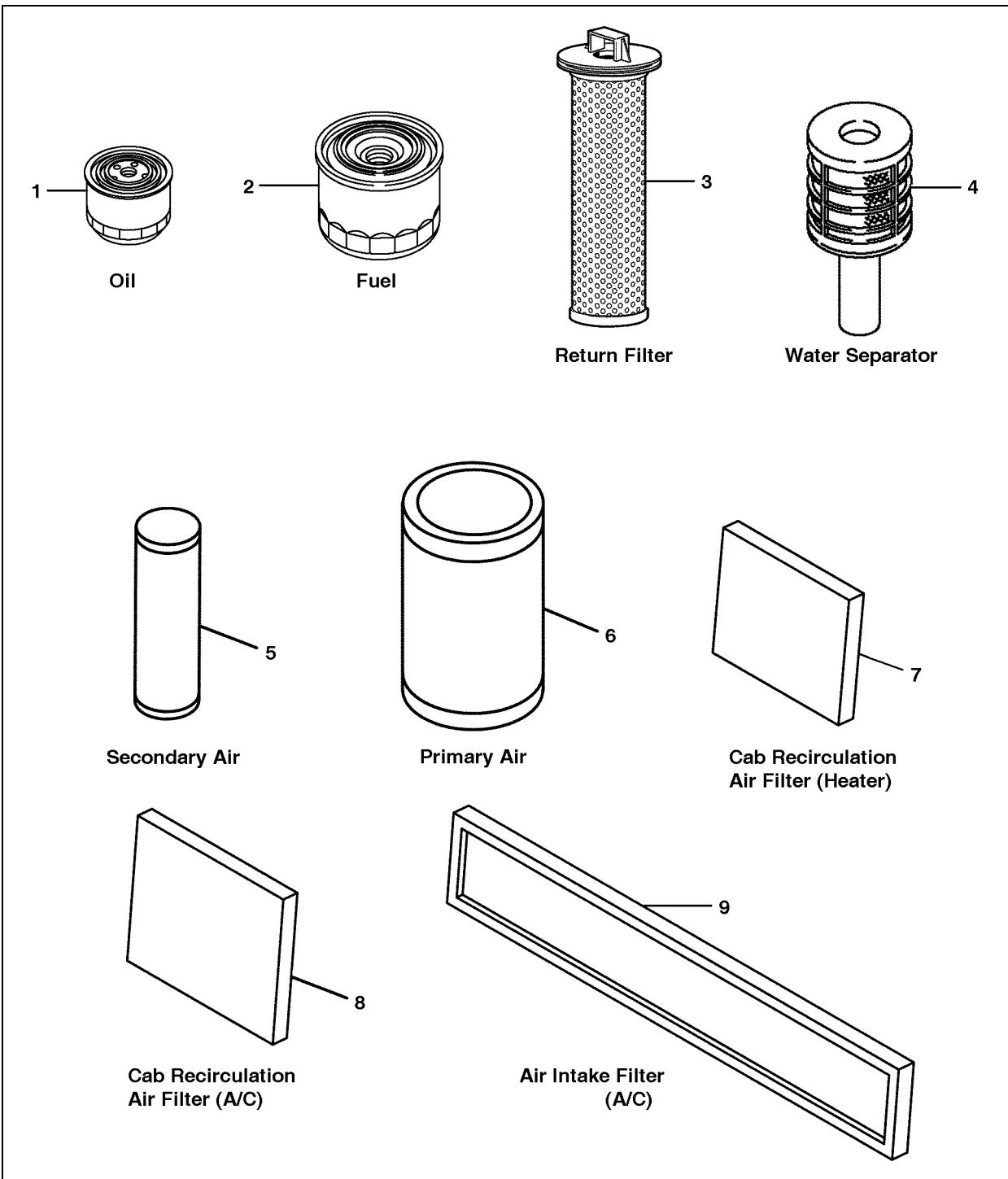
Ref.

No.	Part No.	Description	Qty.
3	184467	HYDRAULIC GAUGE KIT	1
4	186011	TEST PORT, 4MP-M16X2, 1/4 NPT	1
5	183877	TEST PORT, 3/4-16 UNF	1
6	184472	TEST GAUGE, 1000PSI	1
7	184473	TEST GAUGE, 6000PSI	1
8	184475	TEST HOSE, 120" (Used with Gauge Kits)	1
9	184476	ADAPTER, 4FP-M16X2BLKHD (Used with Gauge Kits)	1
10	184474	TEST GAUGE, 10,000PSI	1
11	420-34912	ROD SEAL INSTALL TOOL, 3/4" X 1-1/4" DIAMETER SEALS	1
12	420-34913	ROD SEAL INSTALL TOOL, 1-1/2" X 2" DIAMETER SEALS	1
13	420-34914	ROD SEAL INSTALL TOOL, 2" X 3" DIAMETER SEALS	1
14	272814	OIL VACUUM PUMP (incl. in Engine Oil Analysis Kit)	1
15	272815	COOLANT VACUUM PUMP (incl. in Coolant Analysis Kit)	1
16	272816	1/4" PLASTIC TUBING, 100' (incl. in Analysis Kit)	1
21	195387	DIAL INDICATOR (incl. in 195348 Timing Kit Tool)	1
31	272813	FIELD TEST COOLANT STRIP (1 Kit from Coolant Analysis Kit)	1
32	272806	HYDRAULIC OIL ANALYSIS KIT (GEHL)*	Set of 10
33	272809	ENGINE OIL ANALYSIS KIT (GEHL)*	Set of 10
34	272811	FUEL ANALYSIS KIT (GEHL)*	1
35	272812	COOLANT ANALYSIS KIT (GEHL)*	Set of 10
36	167788	4-PACK CONSTRUCTION YEL- LOW PAINT, 1 QT. (GEHL)	1
37	167754	4-PACK GUNMETAL GRAY PAINT, 1 QT. (GEHL)	1
38	167789	6-PACK YELLOW SPRAY PAINT, 12.8 OZ. (GEHL)	1
39	167755	6-PACK GUNMETAL GRAY SPRAY PAINT, 12.8 OZ. (GEHL)	1
40	50300055	DIAGNOSTIC/MALE	1
20	203907	KIT/SERVICE/COMMUNICA- TION (for Sauer-Danfoss control module 270199)	1

*Analysis Kits - Contact your dealer. Only available for US
customers.

AL 540 - FILTERS

ALL FILTERS



Ref.

No. Part No.

Description

Qty.

1	195568	OIL FILTER	1
2	270979	FILTER/FUEL OIL	1
3	270900	ELEMENT/FILTER (RETURN FILTER)	1
4	203822	FILTER ELEMENT (WATER SEPARATOR)	1
5	270741	FILTER/SAFETY (SECONDARY AIR)	1
6	270740	FILTER/PRIMARY (PRIMARY AIR)	1

Ref.

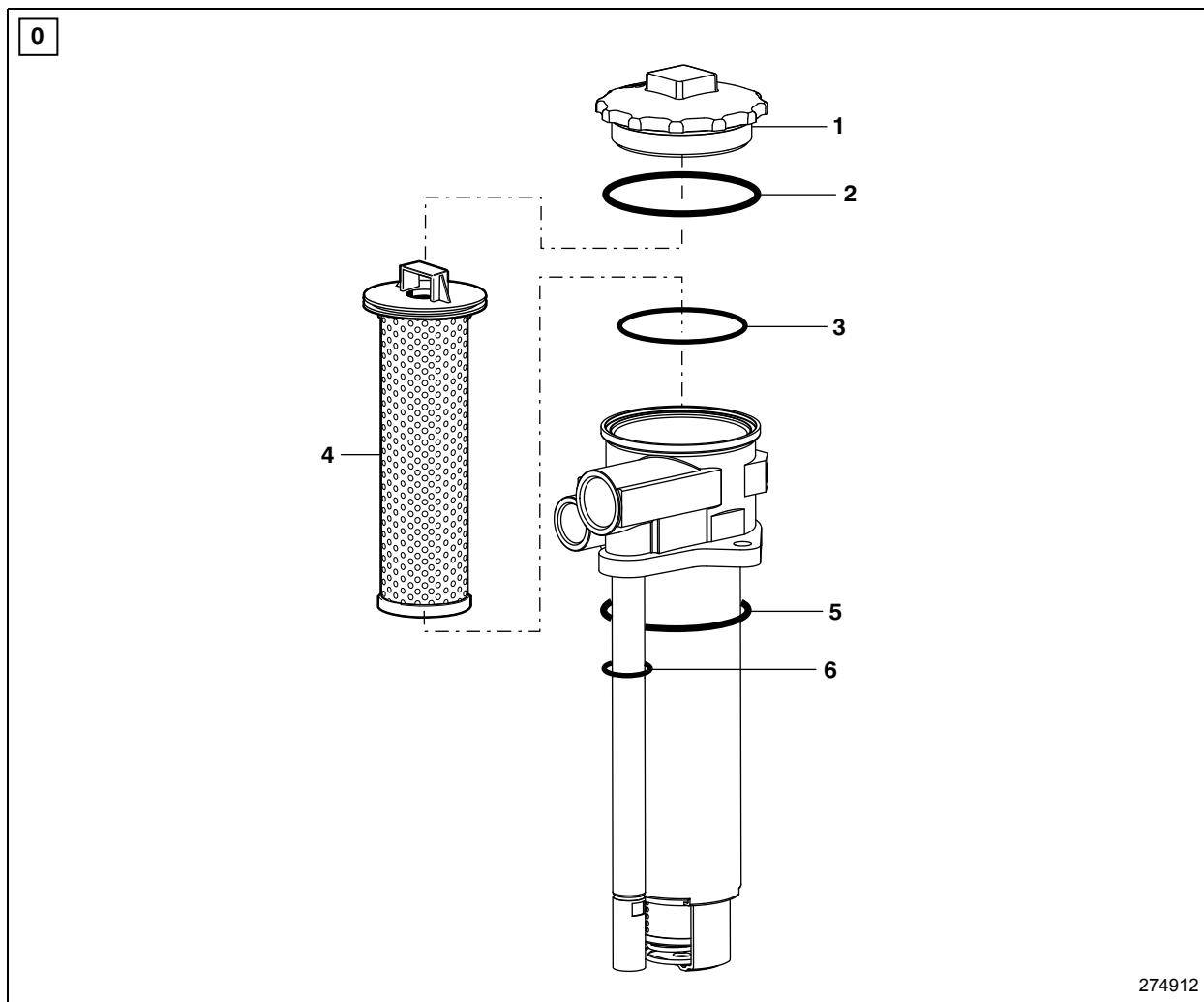
No. Part No.

Description

Qty.

7	184709	FILTER/ CAB RECIRCULATION (HEATER)	1
8	275915	FILTER/CAB RECIRCULATION (AIR CONDITIONING)	1
9	275688	FILTER (FRESH AIR INTAKE / AIR CONDITIONING)	1

**AL 540 - FILTERS
RETURN FILTER - 274912**



Ref.

No. Part No.

Description

Qty.

0	274912	FILTER/RETURN COMPLETE	1
1	270896	CAP	1
2	270897	SEAL	1
3	270899	O-RING 72X3	1
4	270900	ELEMENT/FILTER	1

Ref.

No. Part No.

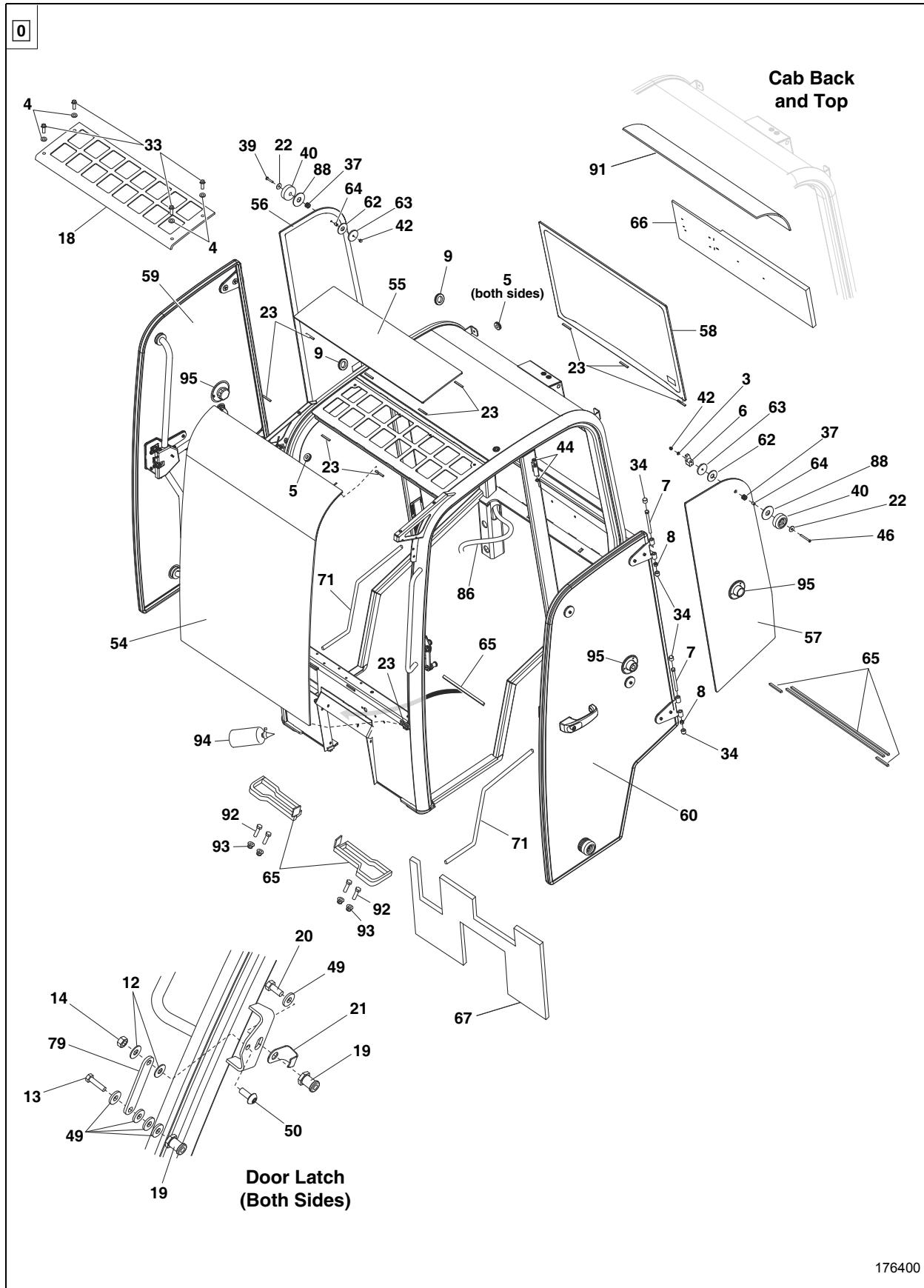
Description

Qty.

5	270901	O-RING 84X4	1
6	270902	O-RING 23X4	1

AL 540 - CAB

CAB ASSEMBLY



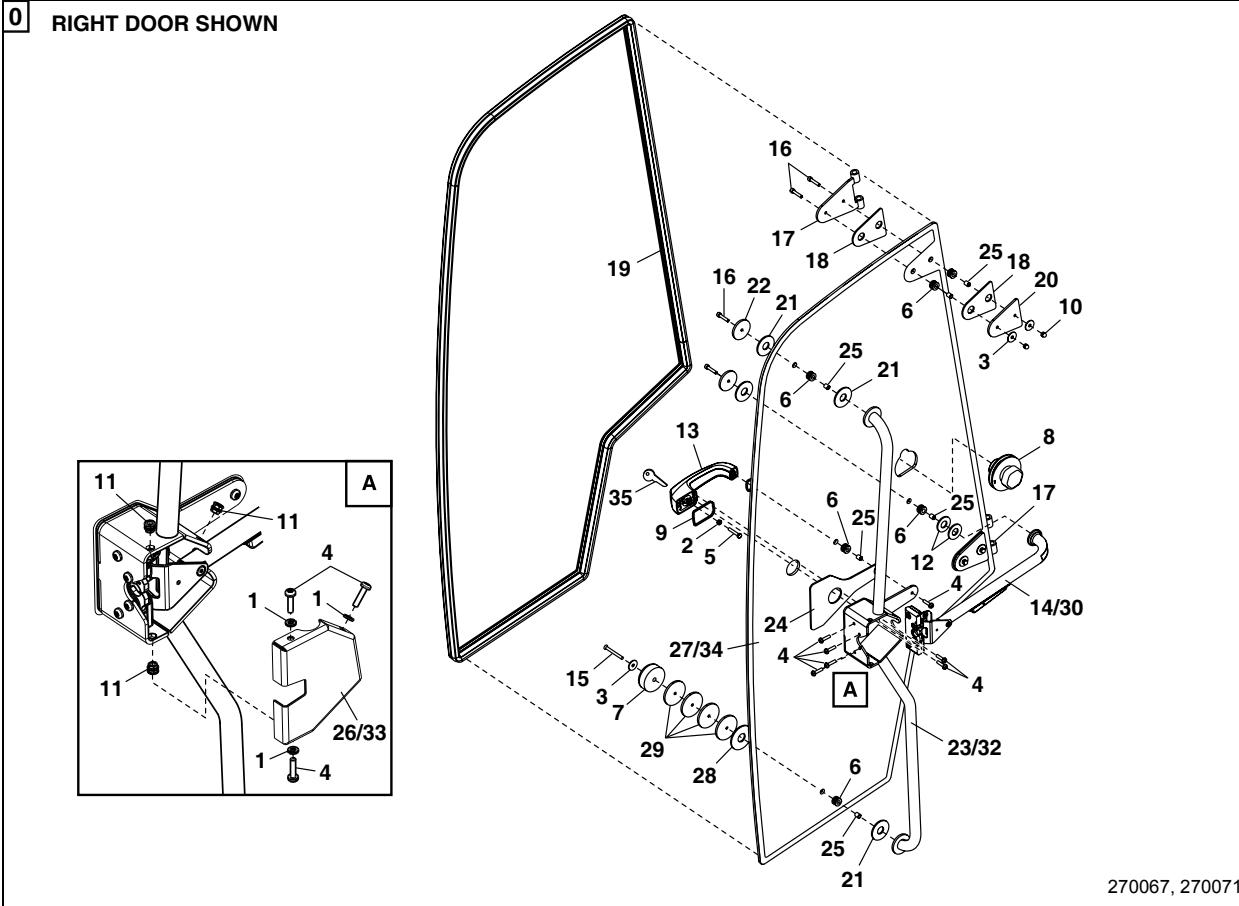
**AL 540 - CAB
CAB ASSEMBLY**

Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
0	176400	ENCLOSED CAB ASSY *	1	57	50381125	REAR WINDOW/SIDE LH (SN 51889 and Up)	1
3	202557	LOCKWASHER	1		203023	REAR WINDOW/SIDE LT (SN 51242 - 51889)	1
4	654004	FW 5/16 AWZY	4	58	203024	REAR WINDOW	1
5	202570	GROMMET	3	59	50381122	DOOR ASSY RH (SN 51889 and Up)	1
6	202974	HOOK	1		270071	DOOR ASSY RT (SN 51242 - 51889)	1
7	L500048	HEX BOLT 3/8-16X4-1/2 G8	4	60		DOOR ASSY LH (SN 51889 and Up)	1
8	L500049	HEX NUT .38-16 G5	4		270067	DOOR ASSY LT (SN 51242 - 51889)	1
9	202571	GROMMET	2	62	270633	SOFT WASHER	2
12	202980	FLAT WASHER	4	63	270683	PLATE/BACKING	2
13	650965	CS 3/8X1-1/4 C8	2	64	270698	SPACER	2
14	651448	LN INS M10-1.5 C8 ZY DIN6924	2	65	202568	KIT/FOAM	1
18	202986	BRACKET	1	66	272078	FOAM/REAR PANEL	1
19	202987	STRIKER, .375-16, INT. THREAD	4	67	203031	FOAM PANEL	1
20	651297	CS 3/8X1 C8ZY	2	71	203062	FOAM SEAL	2
21	202989	STRIKER BOLT GUARD	2	79	203063	BRACKET, DOOR ARRESTER	2
22	L500022	FLAT WASHER	2	86	201377	Harness/4 POST ROPS	1
23	138281	SETTING BLOCK, 1/8 X 1/4 X 2	18	88	270701	SOFT WASHER	2
33	101793	FLANGE BOLT, M8 X 1.25 X 20	4	91	270691	FOAM/HEADLINER	1
34	203002	HEX DOME CAP, 3/8	8	92	656019	CS M12-1.75X45 C10.9 ZY	4
37	270699	SPACER	2	93	651708	LN INST FL M12-1.75 C8 ZY	4
39	203007	PAN HEAD BOLT, M6 X 1 X 35	1	94	0004412533	WINDOW PANE ADHESIVE SET SIKA TACK	1
40	270687	BUMPER/RUBBER	2	95	50381126	LATCH/HOLD-DOWN (includes both latch halves) (SN 51889 and Up)	2
42	202560	NUT, M6X1 - DIN 1587	2		270628	LATCH (includes both latch halves) (SN 51242 - 51889)	2
44	182116	BRASS WASHER	8				
46	202564	PAN HEAD BOLT, M6X60	1				
49	203016	WASHER	10				
50	203017	TRUSS HEAD SCREW	2				
54	203020	WINDSHIELD	1				
55	203021	SKYLIGHT	1				
56	50381126	REAR WINDOW/SIDE RH (SN 51889 and Up)	1				
	203022	REAR WINDOW/SIDE RT (SN 51242 - 51889)	1				

* Includes all parts on this page except ref. nos. 66, 92 & 93. Also includes all parts on Page 7, Page 9 and Page 10.

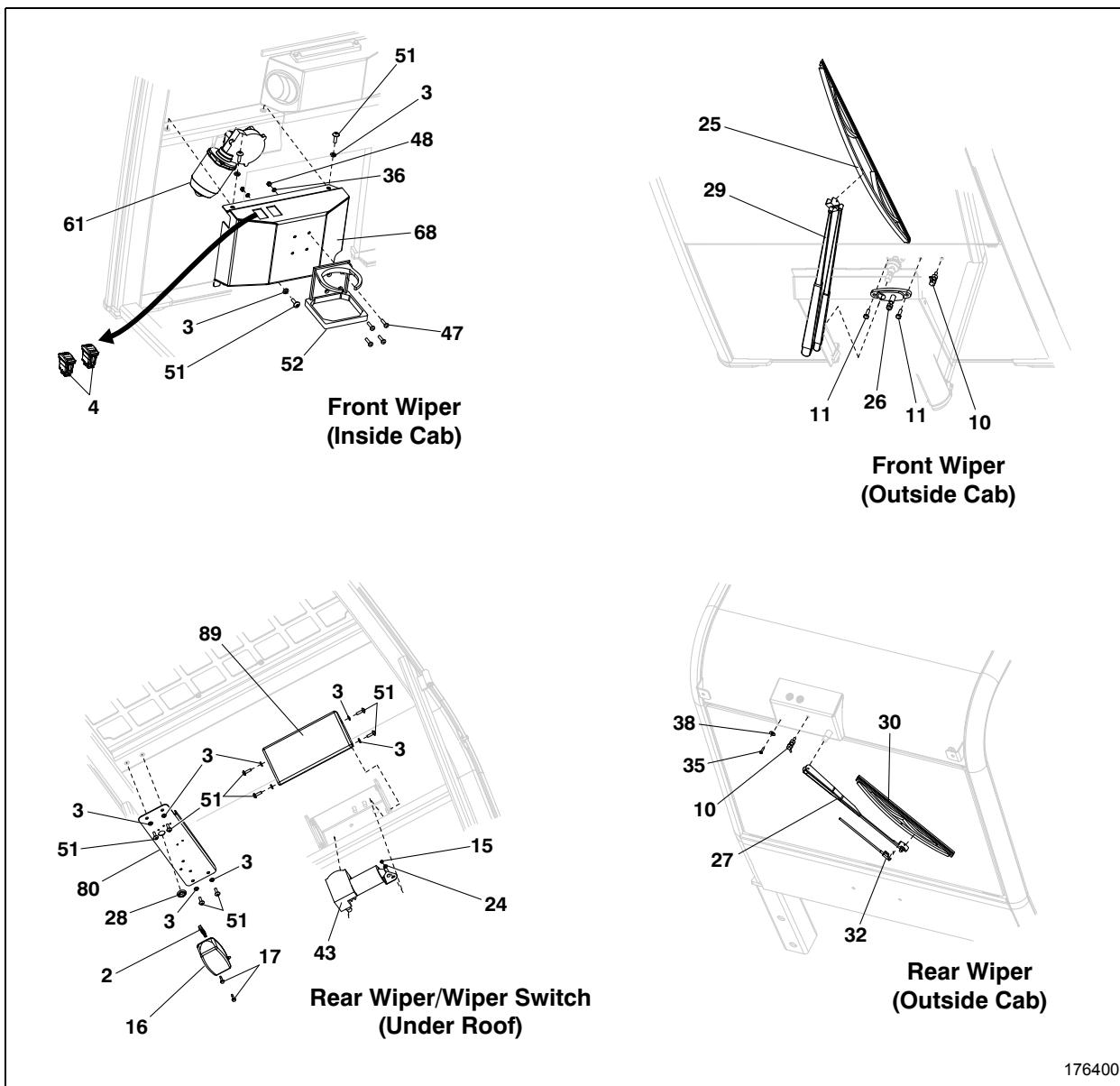
**AL 540 - CAB
DOORS - 270067 & 270071**

0 RIGHT DOOR SHOWN



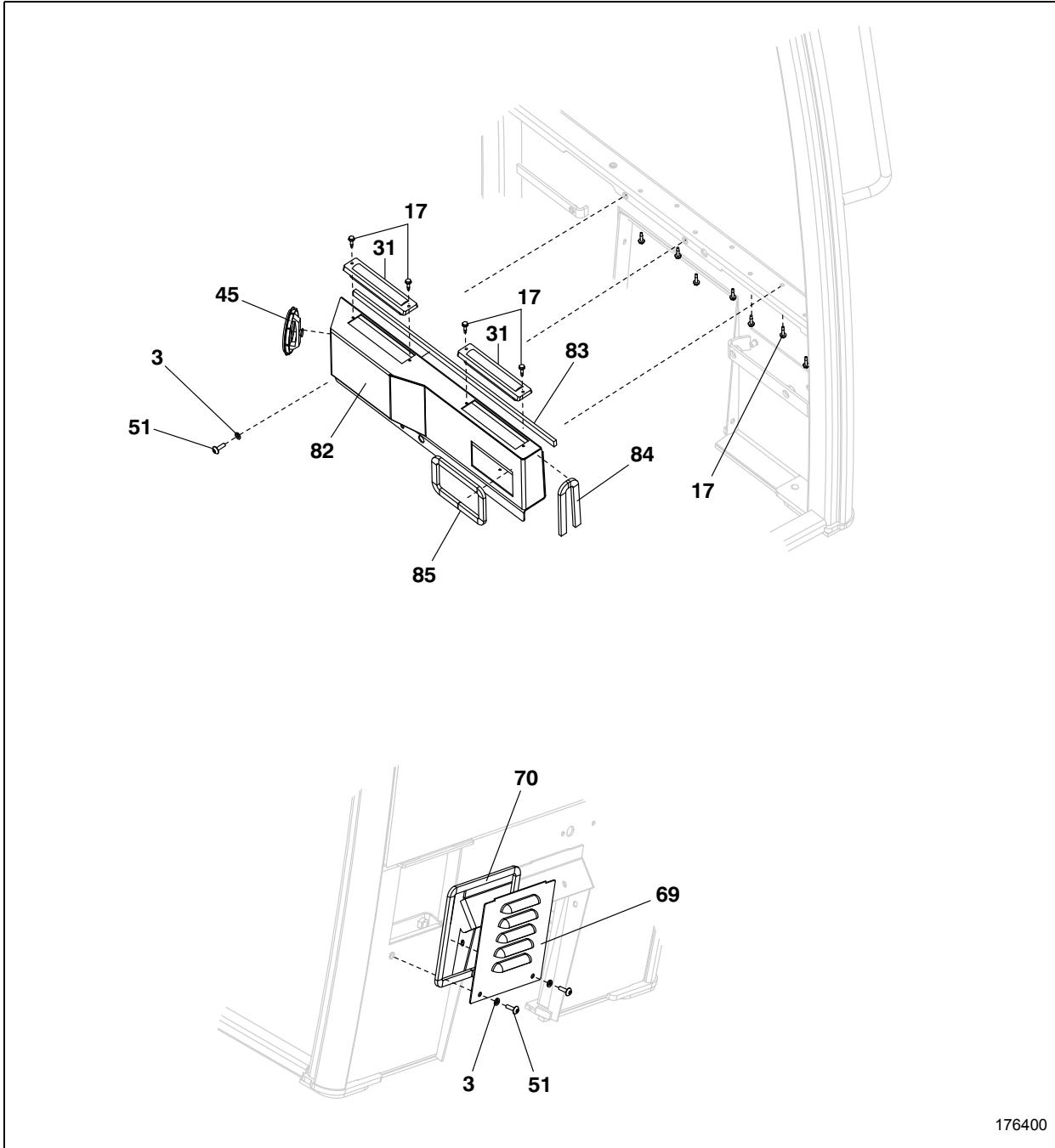
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
0	50381121	ASSY/DOOR LT (SN 51889 and Up)		1	16	202565	BOLT,M6 X 30 SKT HX DWG C12.9		6
	270067	ASSY/DOOR LT (SN 51242 - 51889)		1	17	270634	HINGE/DOOR		2
0	50381122	ASSY/DOOR RT (SN 51889 and Up)		1	18	270629	PAD/DOOR HINGE		4
	270071	ASSY/DOOR RT (SN 51242 - 51889)		1	19	270627	SEAL/DOOR BULB		2
1	202557	LOCKWASHER		3	20	270630	PLATE/HINGE BACKING		2
2	656047	HN M6-1 C8 ZY DIN934		1	21	270633	SOFT WASHER		4
3	L500022	WASHER/FLAT BLACK		5	22	270683	PLATE/BACKING		2
4	651683	BHSCS M6-1.00X25 C10.9 BO		10	23	270631	WLDMT/LATCH MOUNT RT		1
5	656139	CS M6-1X35 C8.8 ZY DIN931		1	24	270632	PAD/LATCH MOUNT BOX		1
6	270699	SPACER		8	25	270698	TUBE/SPACER		8
7	270687	BUMPER/RUBBER		1	26	270693	WLDMT/LATCH COVER RT		1
8	50381127	LATCH/HOLD-OPEN (includes both latch halves) (SN 51889 and Up)		1	27	50381124	GLASS /DOOR RH (SN 51889 and Up)		1
	270628	LATCH (includes both latch halves) (SN 51242 - 51889)		1		270626	GLASS /DOOR RT (SN 51242 - 51889)		1
9	176736	GASKET/HANDLE		1	28	270701	SOFT WASHER		1
10	202560	NUT, M6 X 1 DIN1587		4	29	270703	PLATE/BUMPER		4
11	202561	RNT/M6X1.0 HEX 9.53P 4.2-6.6 ST YZ		3	30	202566	HANDLE/GRAB W/LATCH LT 338MM		1
12	202562	SEAL/GRAB HANDLE GASKET		2	32	270637	WLDMT/LATCH MOUNT LT		1
13	176809	HANDLE/BUTTON/PUSH (W/ KEY)		1	33	270692	WLDMT/LATCH COVER LT		1
14	202563	HANDLE/GRAB W/LATCH RT 338MM		1	34	50381123	GLASS /DOOR LH (SN 51889 and Up)		1
15	202564	PAN HEAD BOLT, M6 X 60		1		270635	GLASS /DOOR LT (SN 51242 - 51889)		1
					35	176470	KEY		1

**AL 540 - CAB
WIPERS**



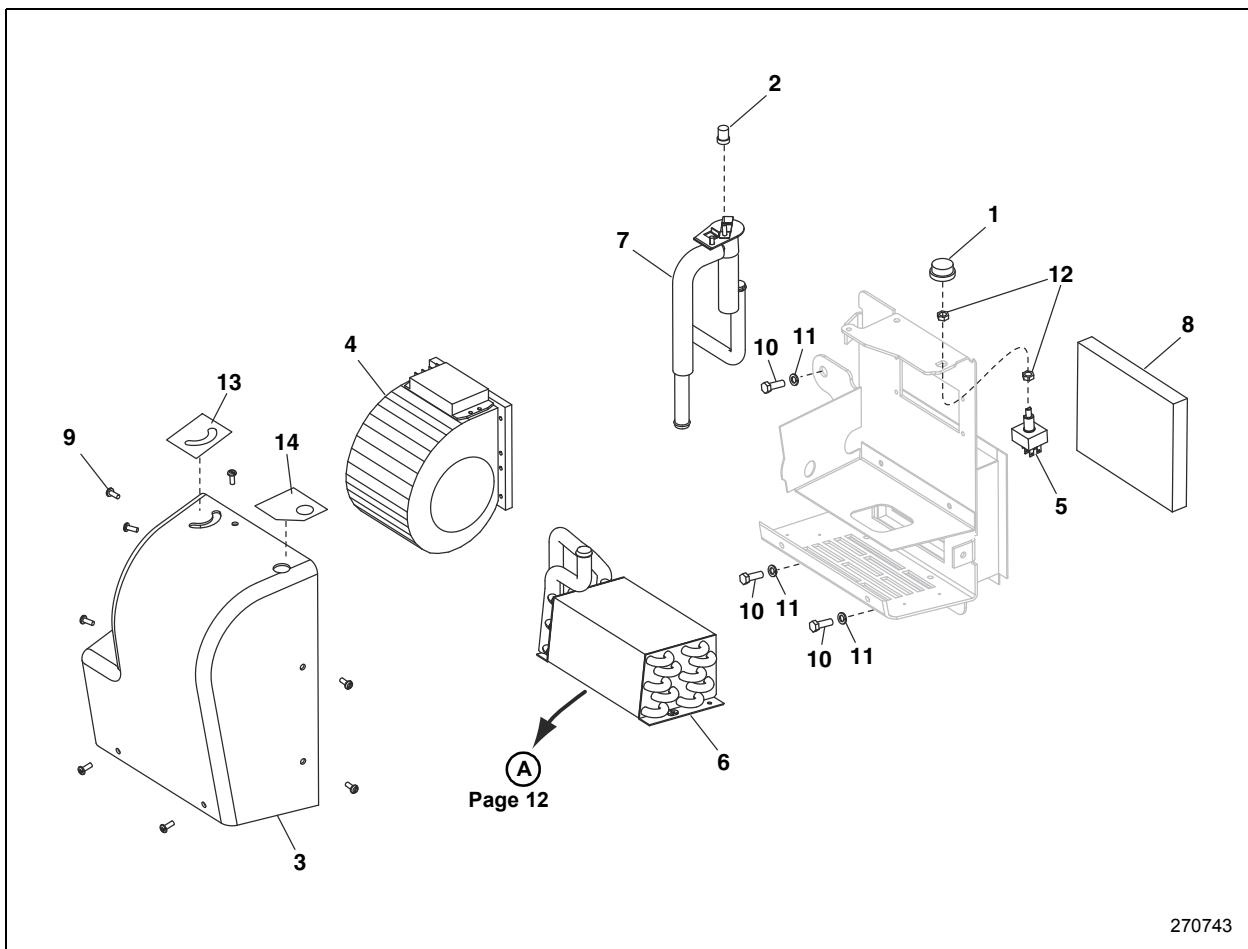
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	202970	TERMINAL/MALE	2	32	203000	WASHER FITTING	1
3	202557	LOCKWASHER	12	35	176679	SCREW/TPH TF TORX M4-0.7X16	1
4	L71076	SWITCH/WIPER-WASHER	2	36	656101	LW M5 ZY DIN127	4
10	L500099	WASHER NOZZLE	2	38	139170	WASHER-SEALING (IMPACT DOOR)	1
11	202979	HEX BOLT, 0.25-20 X .75 - G5	2	43	203010	WIPER MOTOR	1
15	651704	LN INST M4-0.7 C8 ZY DIN6924	1	47	176680	SCREW/TPH TF TORX M5-0.8X16	4
16	202984	DOME LIGHT	1	48	656159	HN FL M5-0.8 C5 ZY DIN6923	4
17	651772	PHMS CR #832X1-3/8 CZ	2	51	203018	TRUSS HEAD SCREW	12
24	651714	FW M4 ZY DIN125	1	52	203019	CUP HOLDER	1
25	202993	WIPER BLADE, 28"	1	61	203027	FRONT WIPER MOTOR ASSY	1
26	202994	PIVOT ASSY	1	68	203032	FRONT WIPER COVER	1
27	202995	WIPER ARM	1	80	203064	DOME LIGHT BRACKET	1
28	182070	GROMMET	1	89	270352	COVER/WIPER MOTOR	1
29	138268	WIPER ARM	1				
30	202998	WIPER BLADE, 14"	1				

**AL 540 - CAB
HEATER**



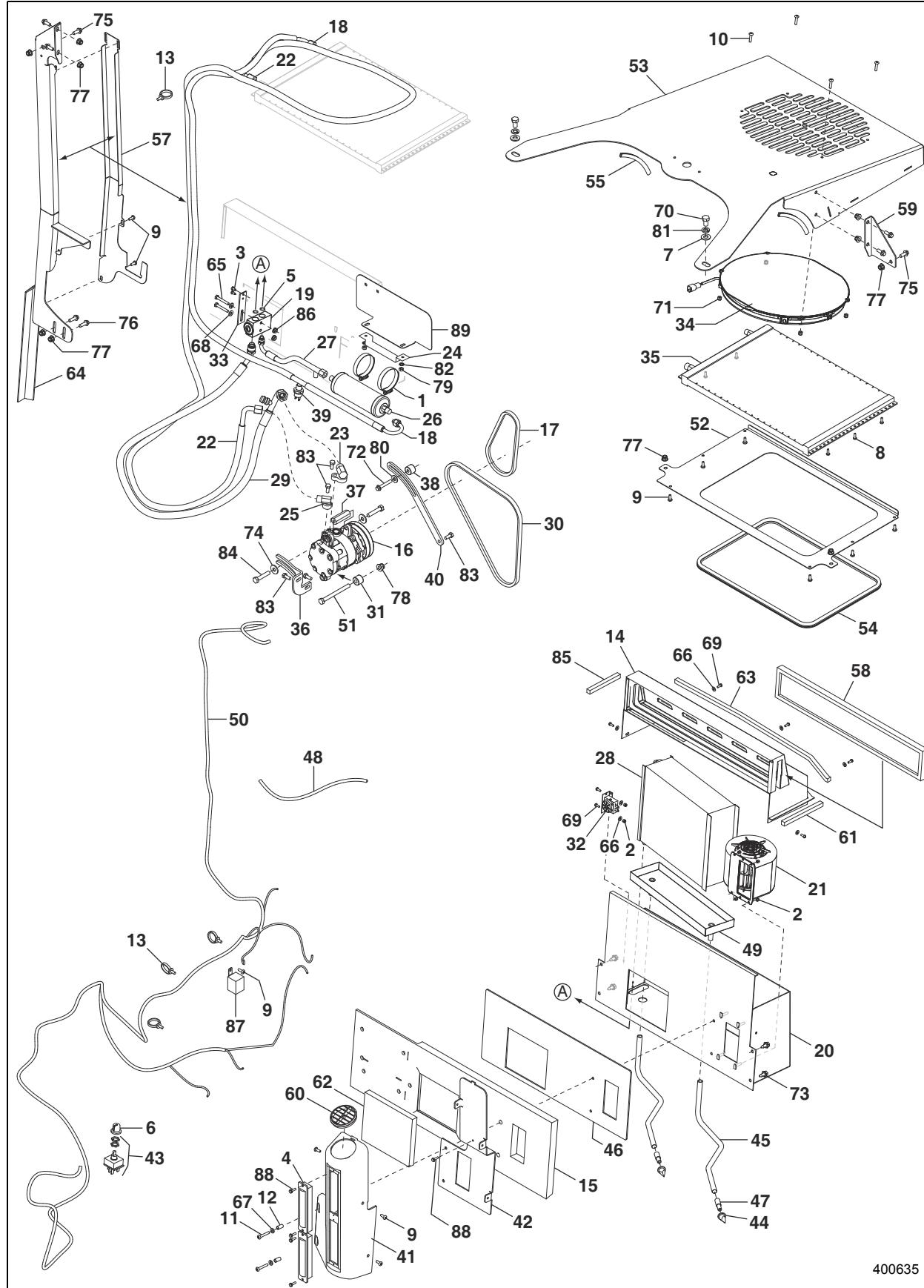
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
3	202557	LOCKWASHER	4	70	203061	FOAM SEAL	1
17	L70487	FLANGE SCREW, #10-16X.75	11	82	203065	HEATER DUCT	1
31	202999	HEATER VENT	2	83	203066	FOAM SEAL/HEATER DUCT TOP	1
45	203012	VENT	1	84	203067	FOAM SEAL/HEATER DUCT END	1
51	203018	TRUSS HEAD SCREW	4	85	203068	FOAM SEAL/HEATER	1
69	203060	LOUVERED PANEL	1				

**AL 540 - CAB
HEATER**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	273968	KNOB/HEATER SWITCH		1	9	651343	PHMS #1024X1/2 CBC		8
2	203059	KNOB/TEMP CONTROL		1	10	656016	CS M12-1.75X30 C8.8 ZY DIN931		3
3	270624	COVER/HEATER		1	11	656118	LW M12 ZY DIN127		3
4	270883	BLOWER/HEATER		1	12	50300066	NUT		2
5	136305	SWITCH/HEATER		1	13	50300011	DECAL/HEATER VALVE		1
6	270885	HEATER CORE		1	14	50300012	DECAL/FAN SPEED		1
7	270886	ASSY/VALVE & TUBE		1					
8	184709	FILTER/RECIRCULATION AIR		1					

AL 540 - CAB AIR CONDITIONING

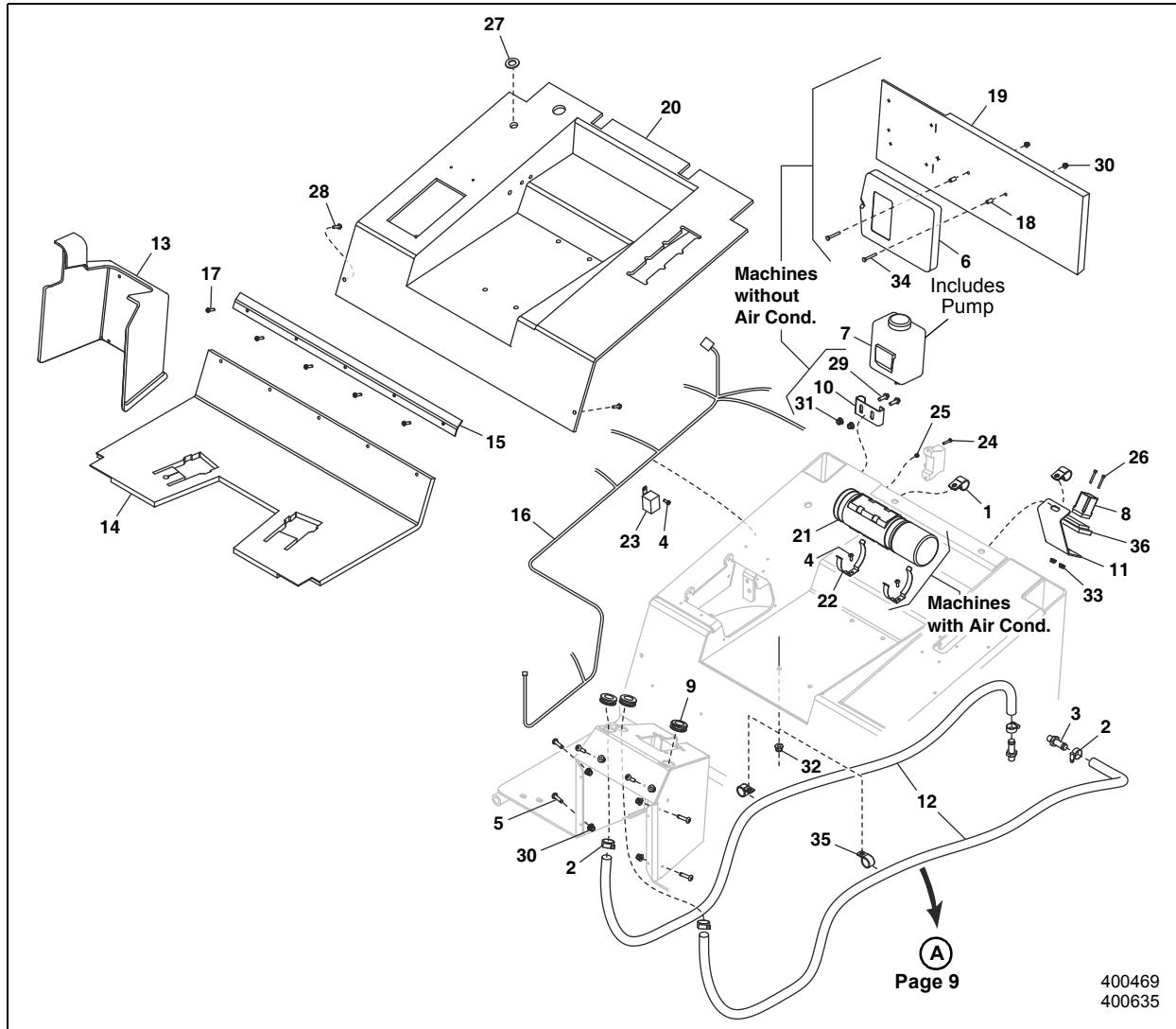


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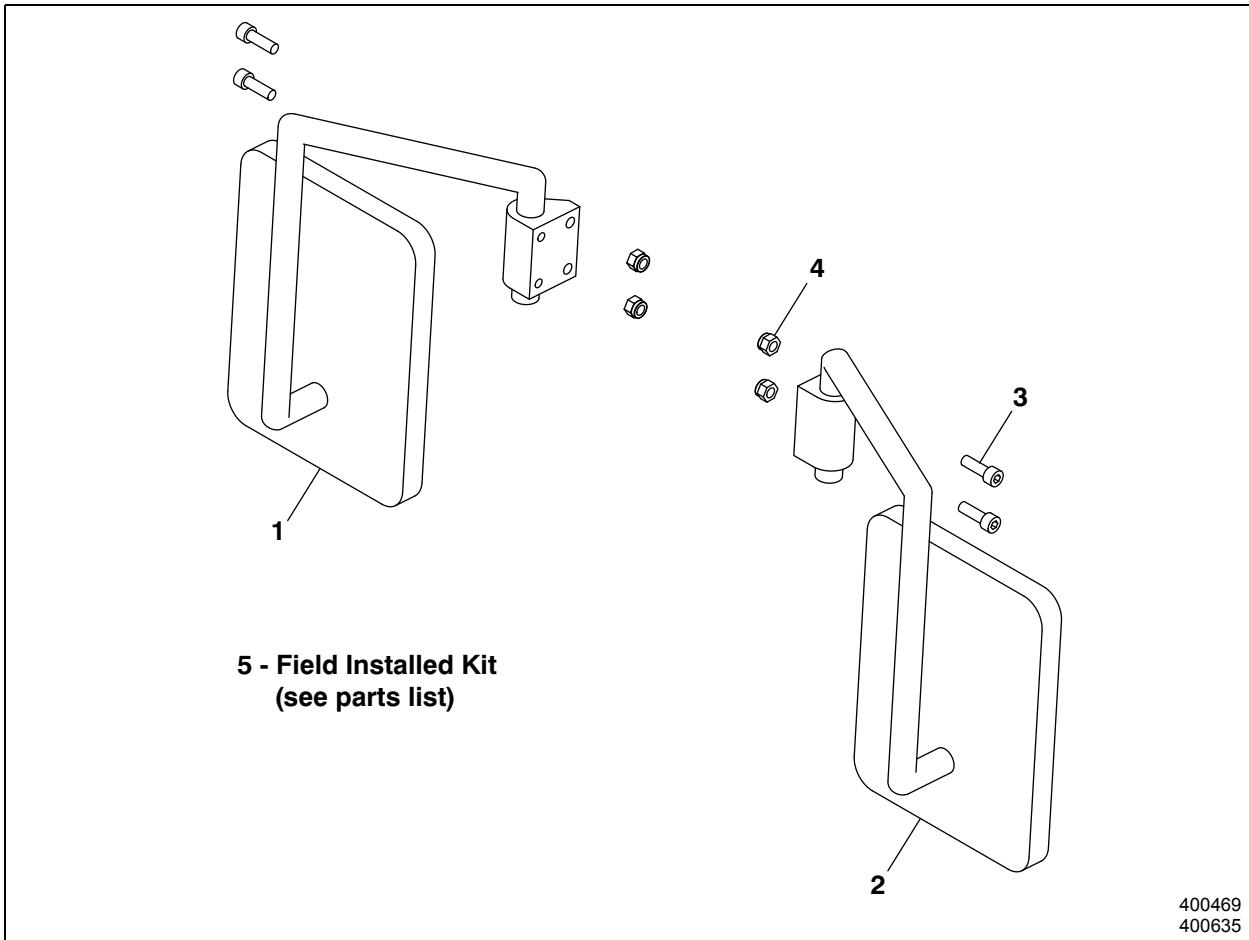
AL 540 - CAB
AIR CONDITIONING

Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	062017	CLAMP/HOSE #48	2	48	274888	HARNESS/AC UNIT (THERMOSTAT/ BLOWER)	1
2	084175	HLN INST #1024 CZY	6	49	274906	PAN/DRAIN	1
3	100095	SCREW/TPH TC SLTD #1024X1/2 CZY	2	50	274914	HARNESS/AIR CONDITIONING	1
4	137503	LOUVER/ROLL NOZZLE	2	51	275181	CS M10-1.50X110C10.9ZY SP DIN931	1
5	138778	O-RING/AC/#8 FITTING	2	52	275669	COVER/CONDENSER	1
6	139279	KNOB/AC & HEATER CONTROL	1	53	275670	WDMT/ROOFTOP	1
7	145833	FW 1/2 HT ZY	2	54	275675	SEAL/CONDENSER .0625 X 61.1	1
8	176680	SCREW/TPH TF TORX M5-0.8X16 CZY	5	55	275677	TRIM/ROOF GUARD .125 X 4.25IN	2
9	176681	SCREW/TPH TF TORX M6-1.00X16 CZY	12	57	275684	COVER/HOSES	1
10	176682	SCREW/TPH TF TORX M6-1.00X25 CZY	4	58	275688	FILTER	1
11	270547	SCREW/TPH TF TORX M6-1.00X40 CZY	2	59	275699	BRACKET	1
12	271897	SPACER	2	60	275706	LOUVER	1
13	273369	TIE/TREE MOUNT	4	61	50300808	SEAL/HOOD .0625 X 6.30IN	1
14	274044	COVER/AIR CONDITIONING UNIT	1	62	275915	FILTER/CAB RECIRCULATION (A/C)	1
15	274332	FOAM/REAR PANEL (WITH A/C)	1	63	50300809	SEAL/HOOD .0625 X 25.6IN	1
16	274473	COMPRESSOR/AIR CONDITIONING	1	64	276040	WDMT/HOSE GUARD	1
17	274475	V-BELT (ALTERNATOR, W/ A/C)	1	65	650419	CS 1/4X1-3/4 C5ZY	2
18	274514	HOSE/#6 AIR CONDITIONING	1	66	650584	FW #10 AZY	7
19	274516	VALVE/EXPANSION	1	67	650854	FW #12 AZY	2
20	274520	HOUSING/AIR CONDITIONING	1	68	650863	FW 1/4 ANZY	2
21	274559	BLOWER	1	69	651312	SCREW/THM CR #1024X1/2 Z	7
22	274566	HOSE/#8 AIR CONDITIONING	1	70	650494	CS 1/2X1 C5ZY	2
23	274571	FITTING/#10 AIR CONDITIONING	1	71	651457	LN INS M6-1 C8 ZY DIN6924	4
24	274618	BRACKET/DRIER	1	72	651624	CS FL M8-1.25X50 C8.8 ZY DIN1662	1
25	274619	FITTING/#8 AIR CONDITIONING	1	73	651648	HWHTRS TAP/R 5/16X3/4 CZY	4
26	274646	DRIER	1	74	651659	FW M10 HARDENED Z	2
27	274653	HOSE/#6 AIR CONDITIONING	1	75	651689	CS FL M8-1.25X20 C8.8 ZY DIN1662	6
28	274712	CORE/EVAPORATOR	1	76	651695	CS FL M8-1.25X25 C8.8 ZY DIN1662	2
29	274723	HOSE/#10 AIR CONDITIONING	1	77	651706	LN INST FL M8-1.25 C8 ZY DIN6926	10
30	274725	V-BELT (A/C COMPRESSOR)	1	78	651707	LN INST FL M10-1.50 C8 ZY DIN6926	1
31	274732	SPACER	1	79	653005	HN 1/4 C2ZY	2
32	274738	THERMOSTAT	1	80	654004	FW 5/16 AWZY	1
33	274739	BRACKET	1	81	654030	LW 1/2 RZY	2
34	274743	FAN/AIR CONDITIONING	1	82	654052	LW INT T 1/4 AZY	2
35	274744	CONDENSER	1	83	656001	CS M8-1.25X20 C8.8 ZY DIN931	5
36	274749	BRACKET	1	84	656012	CS M10-1.5X50 C8.8 ZY DIN931	2
37	274757	SPACER	1	85	50300807	SEAL/HOOD .0625 X 4.96IN	1
38	274814	SPACER	1	86	210-19469	LN FL SERR 1/4 CZY	2
39	274823	SWITCH A/C PRESSURE	1	87	420-35602	RELAY (AC compressor)	1
40	274835	BRACKET	1	88	L70487	SCREW/#10-16X3/4	5
41	274846	DUCT	1	89	50300162	PLATE/DECAL	1
42	274847	BRACKET/DUCT	1				
43	274872	SWITCH/BLOWER	1				
44	274874	NIPPLE/DRAIN	2				
45	274875	HOSE/DRAIN	2				
46	274876	FOAM/SEAL	1				
47	274877	INSERT/PLASTIC	2				

AL 540 - CAB
COMPLETING COMPONENTS



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	073535	CLAMP/HOSE	2	20	273090	LINER/SEATDECK	1
2	095955	CLAMP/HOSE #10	4	21	274349	MANUAL TUBE (WITH A/C)	1
3	123352	ST MP06 BD10	2	22	274472	CLIP/3.5 INCH	2
4	176681	SCREW/TPH TF TORX M6-1.00X16	3	23	420-35602	RELAY (cab)	1
5	176682	SCREW/TPH TF TORX M6-1.00X25	6	24	651423	CS M5-0.8X25 C8.8 ZY DIN931	1
6	192194	HOLDER/MANUAL (WITHOUT A/C)	1	25	651456	LN INS M5-0.8 C8 ZY DIN6924	1
7	201436	BOTTLE/WASHER FLUID	1	26	651501	SHCS M4-0.7X30 C8.8 ZY DIN912	2
8	270099	RELAY (WIPER)	1	27	651564	FW 3/4 HT ZY	1
9	270116	GROMMET/RUBBER	3	28	651694	CS FL M6-1.00X25 C8.8 ZY DIN1662	2
10	270138	BRACKET/WASHER BOTTLE	1	29	651695	CS FL M8-1.25X25 C8.8 ZY DIN1662	2
11	270197	BRACKET/RELAY	1	30	651705	LN INST FL M6-1.00 C8 ZY DIN6926	8
12	270206	HOSE/HEATER RETURN	2	31	651706	LN INST FL M8-1.25 C8 ZY DIN6926	2
13	270255	COVER/STEERING COLUMN	1	32	651707	LN INST FL M10-1.50 C8 ZY DIN6926	1
14	270261	FLOORMAT	1	33	656158	HN FL M4-0.7 C5 ZY DIN6923	2
15	270383	BRACKET/TRIM	1	34	656172	CS M6-1X45 C8.8 ZY DIN931	2
16	270696	HARNESS/CAB	1	35	L45666	CLAMP/VINYL COATED 1 IN.	2
17	271374	SCREW/TPH TF TORX M6-1.00X30	5	36	270097	BASE/LATCHING RELAY	1
18	271897	SPACER	2				
19	272078	FOAM/REAR PANEL	1				

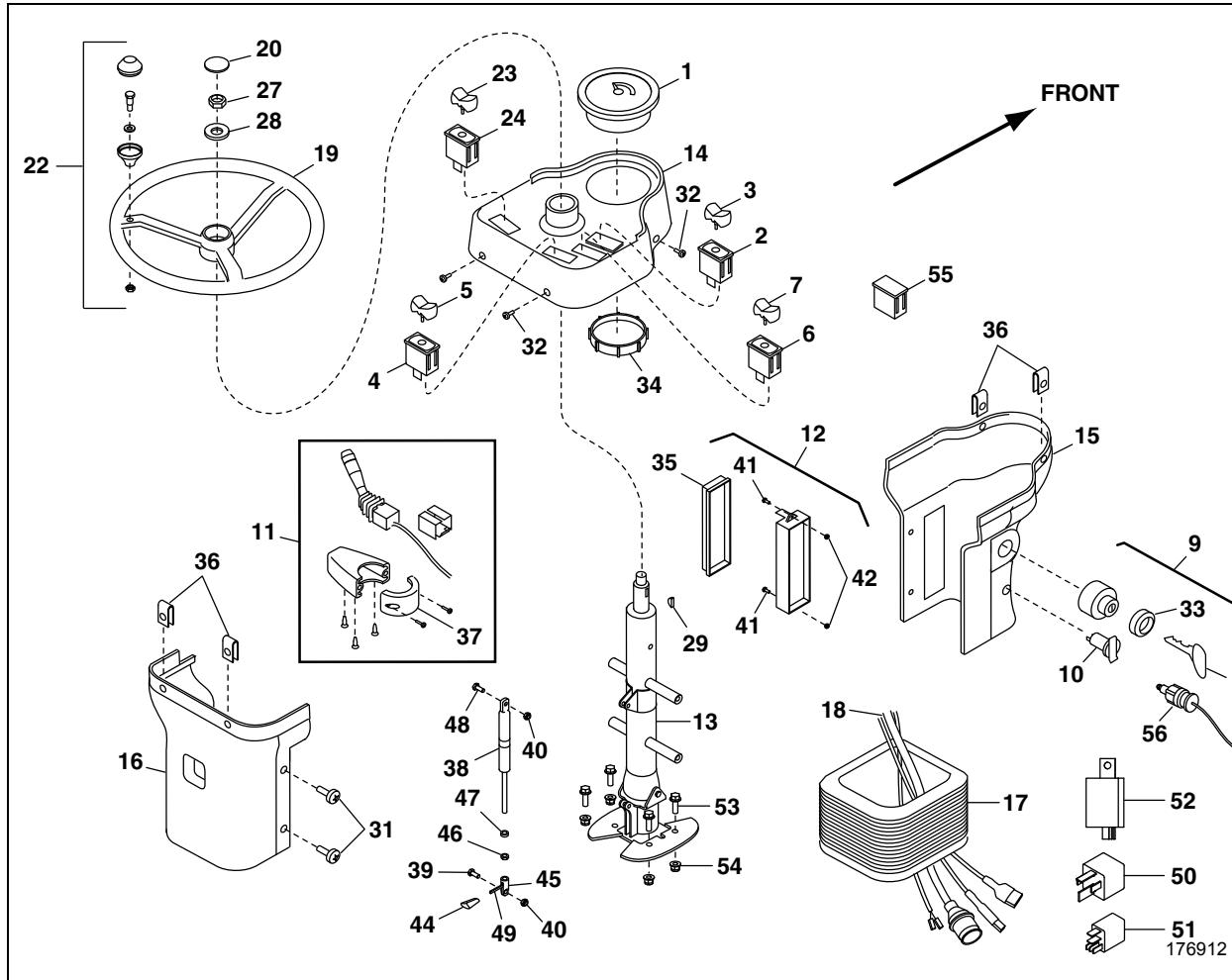
**Ref.**

No.	Part No.	Description	Qty.
1	270836	MIRROR/RT	1
2	270768	MIRROR/LT	1
3	656123	SHCS M8-1.25X25 C12.9 ZY DIN912	4

Ref.

No.	Part No.	Description	Qty.
4	651458	LN INS M8-1.25 C8 ZY DIN6924	4
5	809479	MIRROR KIT (not for 2-Post ROPS)	1

AL 540 - STEERING STEERING COLUMN - DELUXE



Ref.	No. Part No.	Description	Qty.
1	50300324	GAUGE/DELUXE	1
2	270731	SWITCH/HAZARD	1
3	270707	TOGGLE/HAZARD	1
4	270498	SWITCH/WORK LIGHT	1
5	270499	TOGGLE/WORK LIGHT	1
6	270500	SWITCH/BEACON	1
7	270501	TOGGLE/BEACON	1
9	270503	SWITCH/IGNITION W/KEYS (includes Ref. Nos. 21 & 33)	1
10	230062	SOCKET/ELECTRICAL ACC.	1
11	270708	STALK/CONTROL (includes Ref. No. 37)	1
12	270709	BOX/FUSE (includes Ref. Nos. 35, 41 & 42)	1
13	270710	SHAFT/STEERING	1
14	270711	PANEL/INSTRUMENT	1
15	270712	CONSOLE/FRONT STEERING	1
16	270510	CONSOLE/BACK STEERING	1
17	270713	BOOT/STEERING CONSOLE	1
18	270714	HARNESS/WIRE	1
19	270513	WHEEL/STEERING	1

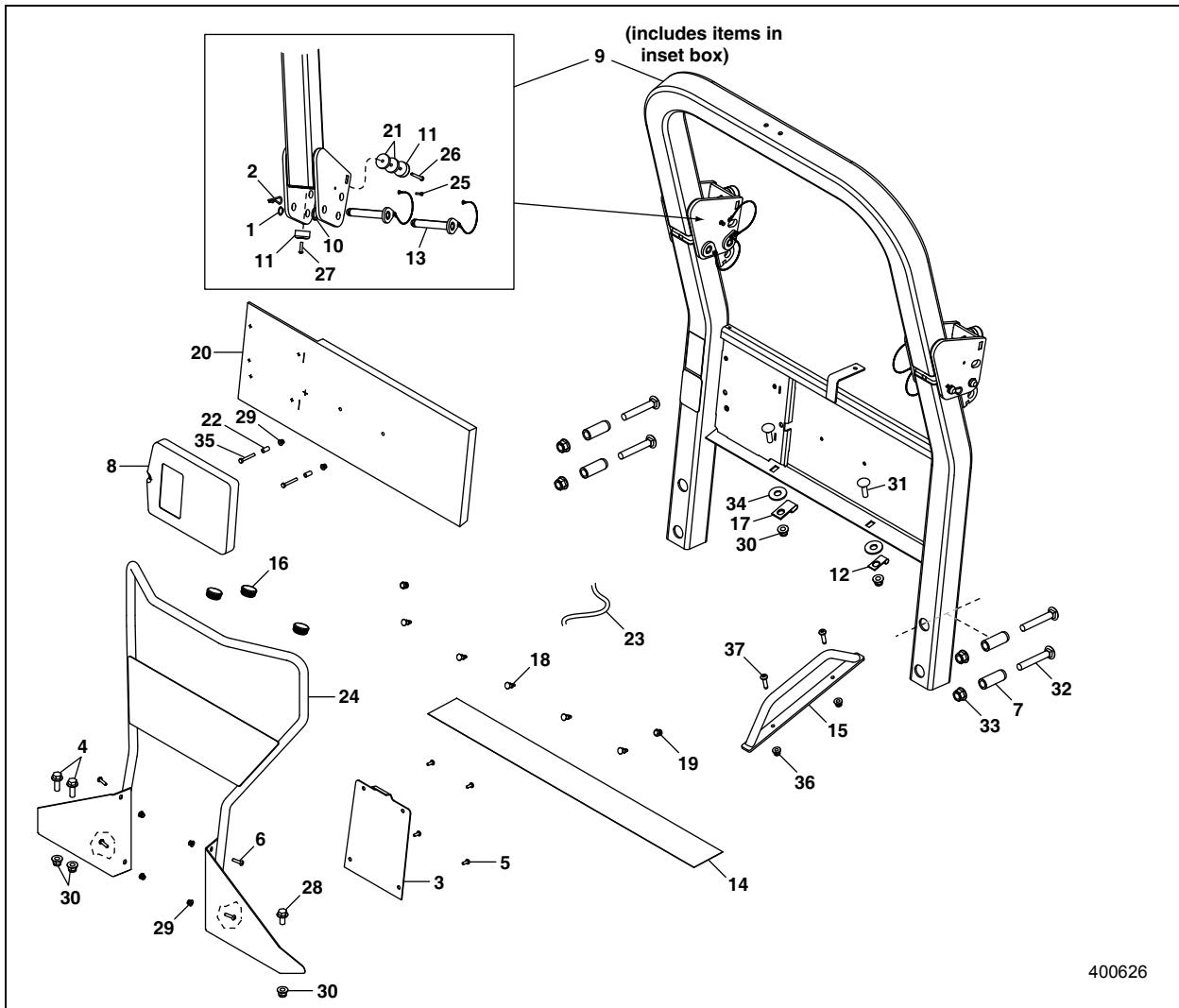
Ref.	No. Part No.	Description	Qty.
20	270715	CAP/STEERING WHEEL	1
21	270584	KEY/IGNITION (SET/2)	1
22	202678	KIT/STEERING KNOB	1
23	271136	TOGGLE/POWER-A-TACH	1
24	271135	SWITCH/POWER-A-TACH	1
27	270521	HJN M18	1
28	270522	WASHER/M18	1
29	270523	KEY/WOODRUFF	1
31	230071	SCREW/PTHM M6 X 16	4
32	230072	SCREW/PTHM M4 X 12	4
33	270527	COVER/PLASTIC	1
34	270528	NUT/PLASTIC	1
35	270716	COVER/FUSE BOX	1
36	270530	NUT/EXTRUDED M4	4
37	270717	CLAMP/CONTROL STALK	1
38	270718	STRUT	1
39	270728	CS M8 X 30	1
40	270720	LN INST M8	2
41	270721	SCREW/PTHM M4 X 16	2

**AL 540 - STEERING
STEERING COLUMN - DELUXE**

Ref.

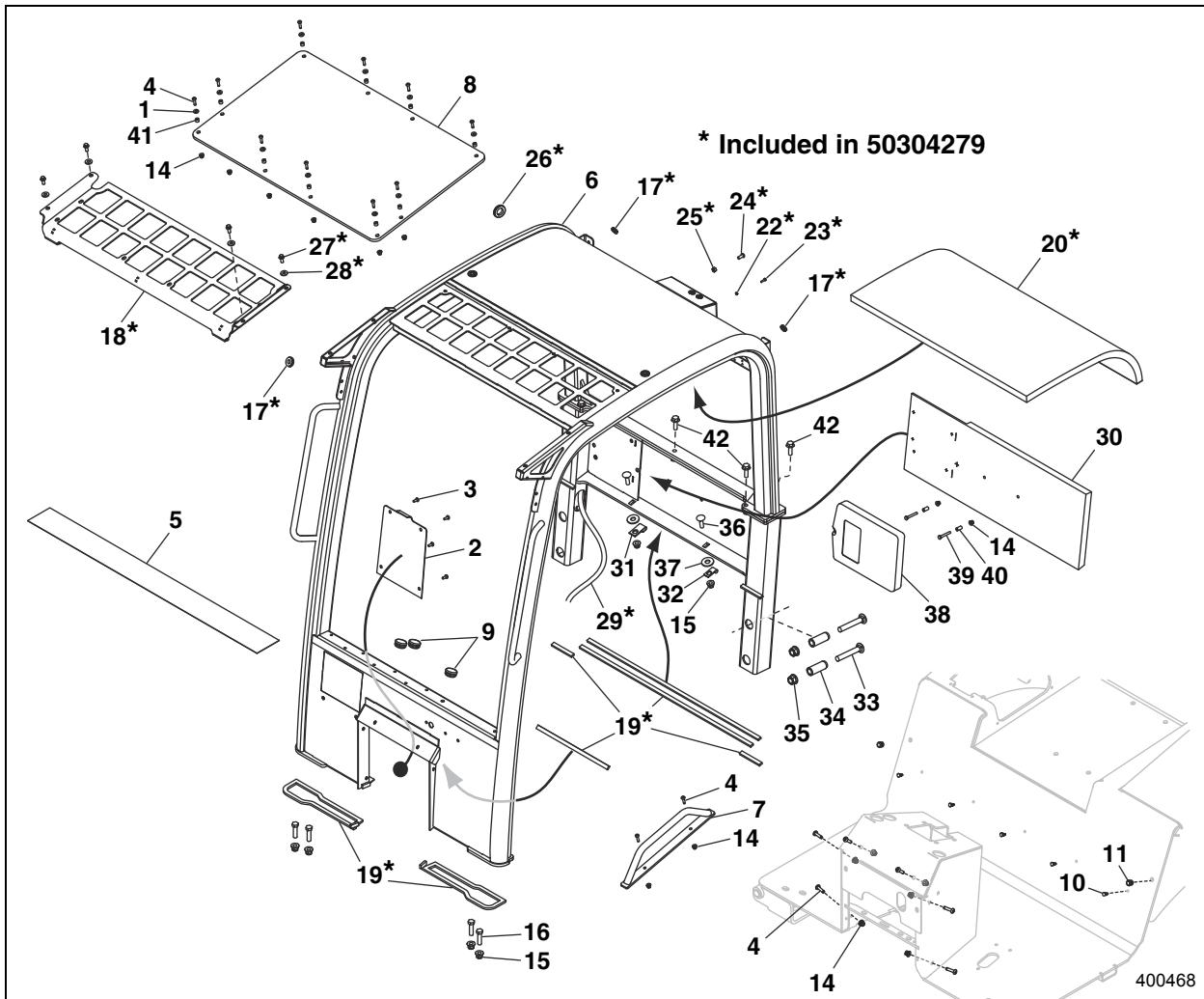
No.	Part No.	Description	Qty.
42	230064	HN M4	2
44	270724	GRIP	1
45	270725	CAM	1
46	270726	HJN M8	1
47	270727	SPACER	1
48	270728	CS M8 X 30	1
49	270729	LEVER	1
50	195075	RELAY/ 70 AMP (Power-A-Tach lock/unlock, steering column control lever functions)	1
51	183733	RELAY/20 AMP/MICRO (front and rear work lights)	2
52	50300388	MODULE/FLASHER	1
53	176654	CS FLH M10-1.5X30 C8.8ZY SP DIN1665	4
54	651707	LN INST FL M10-1.50 C8 ZY DIN6926	4
55	242636	PANEL PLUG (BLANK)	A/R
56	50381136	ADAPTER/DIN SOCKET (NOT EU)	1

AL 540 - ROPS
ROPS - TWO-POST - 201024



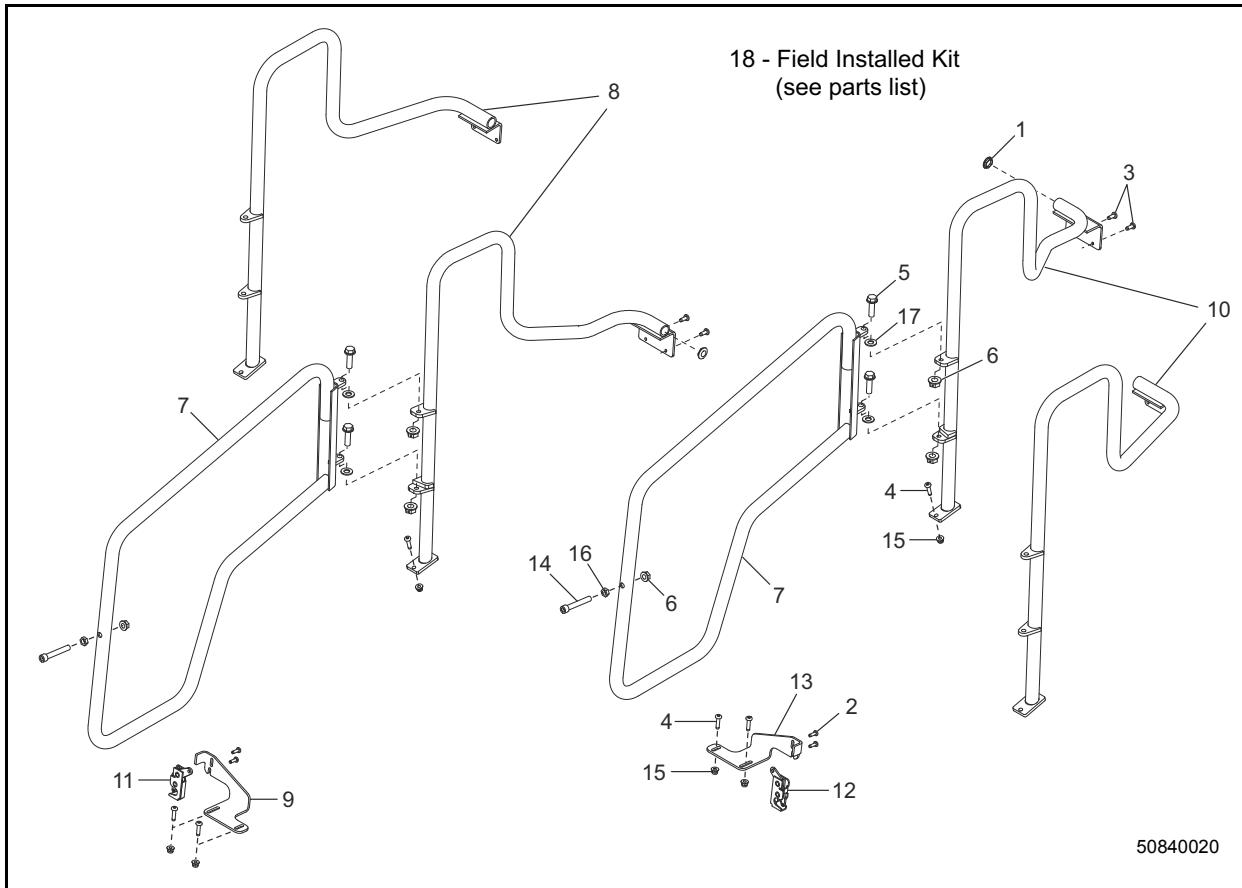
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	067950	RING/EXTERNAL RETAINING	2	19	270730	PLUG/PLASTIC	2
2	076100	COTTER/HAIRPIN 1/8X2-3/8	2	20	271109	FOAM/REAR PANEL	1
3	175682	COVER/STEERING COLUMN	1	21	271301	SPACER	4
4	176656	CS FLH M12-1.75X35 C8.8ZY SP DN1665	2	22	271897	SPACER	2
5	176681	SCREW/TPH TF TORX M6-1.00X16 CZY	4	23	273987	HARNESS/WORK LIGHT	1
6	176682	SCREW/TPH TF TORX M6-1.00X25	4	24	274026	HANDLE WDMT	1
7	176702	SPACER	4	25	651421	CS M4-0.7X16 C8.8 ZY DIN931	2
8	192194	HOLDER/MANUAL	1	26	651511	SHCS M6-1X50 C8.8 ZY DIN912	2
9	201024	ASSY/TWO POST ROPS (includes Ref. Nos. in inset box)	1	27	651683	BHSCS M6-1.00X25 C10.9	2
10	201032	SPACER/PLASTIC	4	28	651699	CS FLH M12-1.75X25 C8.8 ZY DIN1665	1
11	201034	BUMPER/RUBBER	4	29	651705	LN INST FL M6-1.00 C8 ZY	6
12	201216	CLAMP	1	30	651708	LN INST FL M12-1.75 C8 ZY DIN6926	4
13	50301027	KIT/PIN & LANYARD	4	31	651748	CB M12-1.75X45 C8.8 ZY DIN603	2
14	270057	TAPE/ANTI-SLIP (5.08FT)	1	32	651763	CB 3/4X5 C5ZY	4
15	270119	HANDLE/WLDMT	1	33	651765	LN INST FL 3/4 CFZY	4
16	270180	PLUG/PLASTIC	3	34	654012	FW 5/8 AWZY	2
17	270186	CLAMP/DOUBLE P	1	35	656172	CS M6-1X45 C8.8 ZY DIN931	2
18	270588	PLUG/PLASTIC	5	36	651706	LN INST FL M8-1.25 C8 ZY DIN6926	2
				37	651713	CB M8-1.25X25 C8.8 ZY DIN603	2

AL 540 - ROPS
ROPS - FOUR-POST - 201025



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	137462	WASHER 1/4 SEALING	10	23	651421	CS M4-0.7X16 C8.8 ZY DIN931	1
2	175682	COVER/STEERING COLUMN	1	24	651640	BHSCS 5/16X3/4 C RIE	1
3	176681	SCREW/TPH TF TORX M6-1.00X16 CZY	4	25	653007	HN 5/16 C2ZY	1
4	176682	SCREW/TPH TF TORX M6-1.00X25	18	26	202571	GROMMET	2
5	270057	TAPE/ANTI-SLIP (5.08FT)	1	27	651689	CS FL M8-1.25X20 C8.8 ZY DIN1662	4
6	50304279	4 POST CANOPY AL (Includes Ref. Nos. 17, 18, 19, 20, 22 - 28 & 29)	1	28	654004	FW 5/16 AWZY	4
7	270119	HANDLE/WLDMT	1	29	201377	HARNESS/4 POST ROPS	1
8	270161	WINDOW/SKYLIGHT	1	30	272078	FOAM/REAR PANEL	1
9	270180	PLUG/PLASTIC	3	31	270186	CLAMP/DOUBLE P	1
10	270588	PLUG/PLASTIC	5	32	201216	CLAMP	1
11	270730	PLUG/PLASTIC	2	33	651763	CB 3/4X5 C5ZY	4
14	651705	LN INST FL M6-1.00 C8 ZY DIN6926	16	34	176702	SPACER	4
15	651708	LN INST FL M12-1.75 C8 ZY DIN6926	6	35	651765	LN INST FL 3/4 CFZY	4
16	656019	CS M12-1.75X45 C10.9 ZY DIN931	4	36	651748	CB M12-1.75X45 C8.8 ZY DIN603	2
17	202570	GROMMET	3	37	654012	FW 5/8 AWZY	2
18	202569	BRACKET/FOPS	1	38	192194	HOLDER/MANUAL	1
19	202568	KIT/FOAM	1	39	656172	CS M6-1X45 C8.8 ZY DIN931	2
20	202567	HEADLINER	1	40	271897	SPACER	2
22	656116	HN M4-0.7 C8 ZY DIN934	1	41	274714	SPACER	10
				42	50657045	CS FL M12-1.75X30 10.9 ZY DIN6921	5

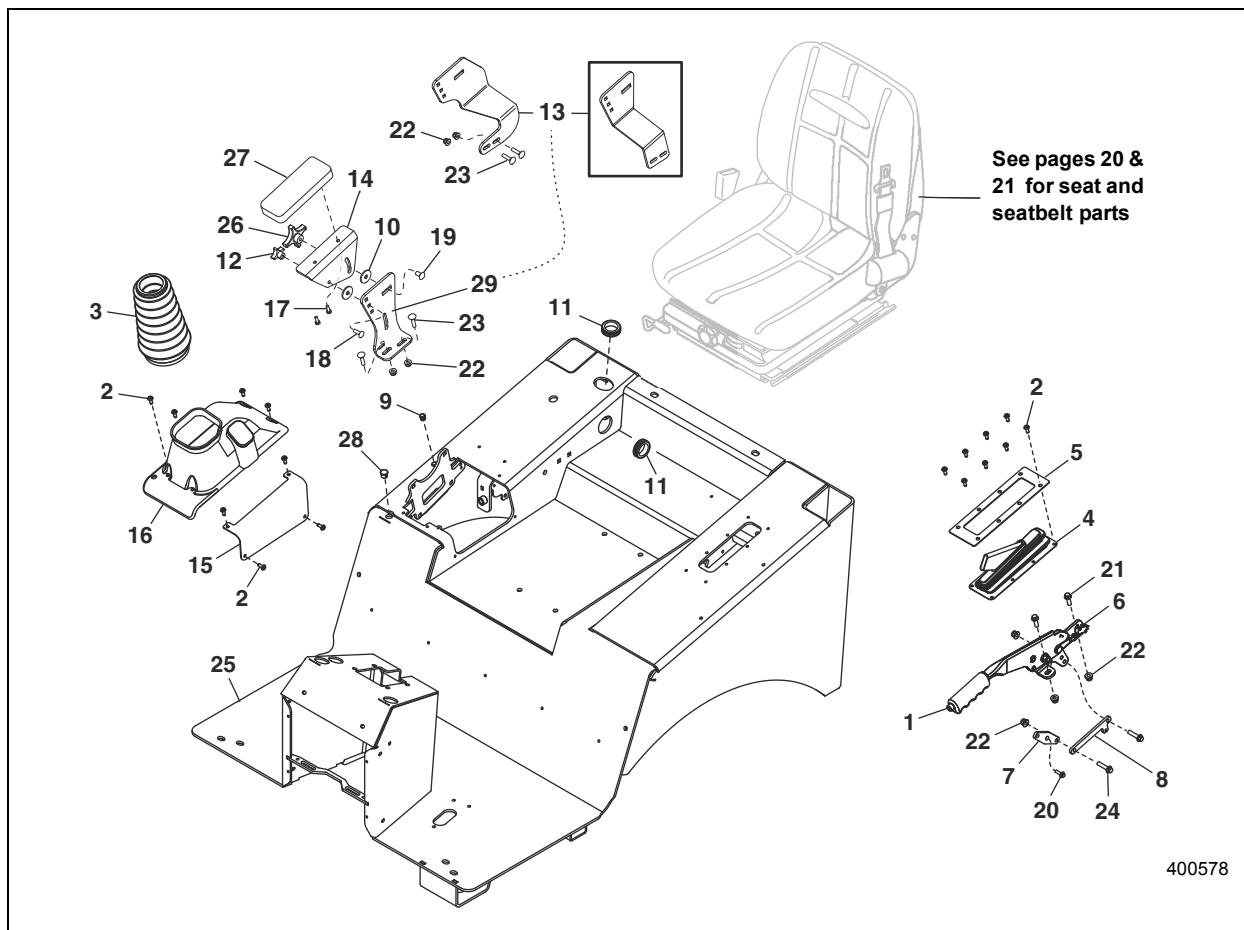
**AL 540 - ROPS
SIDE GATES - FOUR POST ROPS**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	129420	PLUG/PLASTIC .72 DIA. HOLE PLUG	2	9	50300357	BRACKET/LATCH/RT	1
2	176680	SCREW/TPH TF TORX M5-0.8X16 CZY	4	10	50304275	WDMT/SIDEgate/LH (SN 51931 and Up)	1
3	176681	SCREW/TPH TF TORX M6-1.00X16 CZY	4	*		WDMT/SIDEgate/LT (SN 51242 - 51930)	1
4	176682	SCREW/TPH TF TORX M6-1.00X25 CZY	6	11	50300460	LATCH/MINI/ROTARY/RT	1
5	50657016	SCREW/THWH TC USL 3/8X1-1/4 CZY	4	12	50300514	LATCH/MINI/ROTARY/LT	1
6	210-19533	LN FL CTR 3/8 CFZY	6	13	50300516	BRACKET/LATCH/LT	1
7	50300350	WDMT/DOOR	2	14	651298	SHCS HS 3/8X2-1/2 C	2
8	50304181	WDMT/SIDEgate/RH (SN 51931 and Up)	1	15	651705	LN INST FL M6-1.00 C8 ZY DIN6926	6
*		WDMT/SIDEgate/RT (SN 51242 - 51930)	1	16	653038	HJN 3/8 C2ZY	2
				17	654049	FW 3/8 ANZY	4
				18	50840020	SIDE GATES/4-POST ROPS AL2/3/4/5	1

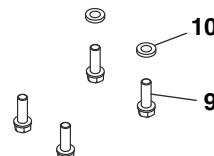
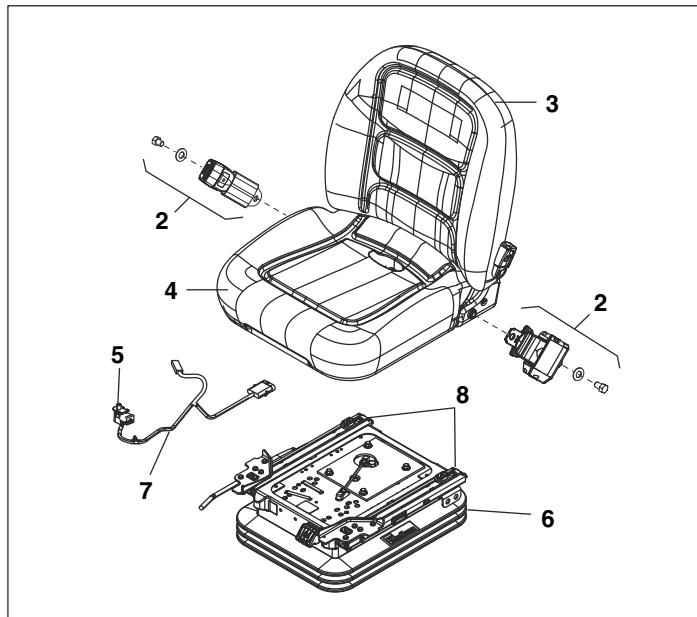
* Earlier parts replaced with newer for service.

AL 540 - ROPS
OPERATOR'S PLATFORM - UPPER



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	176544	LEVER/HAND BRAKE (Includes Ref. No. 6)	1	18	651065	CB SN 5/16X1 C5ZY	1	
2	176681	SCREW/TPH TF TORX M6-1.00X16	16	19	650704	CB 3/8X1 C5ZY	1	
3	176825	BOOT/JOYSTICK	1	20	651693	CS FL M6-1.00X20 C8.8 ZY DIN1662	1	
4	176858	BOOT/BRAKE/PARKING	1	21	651695	CS FL M8-1.25X25 C8.8 ZY DIN1662	2	
5	201006	HOLD -DOWN/BOOT	1	22	651706	LN INST FL M8-1.25 C8 ZY DIN6926	6	
6	201168	SWITCH/PARKING BRAKE	1	23	651716	CB M8-1.25X35 C8.8 ZY DIN603	2	
7	201428	BELLCRANK/PARK BRAKE	1	24	651720	CS FL M8-1.25X35 C8.8 ZY DIN1662	2	
8	201429	LINK/PARK BRAKE	1	25	50301519	WDMT/OPERATOR PLATFORM (SN 51590 and Up)	1	
9	270730	PLUG/PLASTIC (SN 51590 and Up)	1	50280456	KIT/OPERATOR PLATFORM AL400/ 500 (SN 51589 and Before) (includes Plug, Ref. No. 28)	1		
10	271098	WASHER/PLASTIC	2	26	L69755	KNOB	1	
11	271752	GROMMET 1.50ID .250GW 1.75GD	2	27	L69756	REST/ARM	1	
12	271997	KNOB/FOUR-ARM	1	28	50301469	PLUG/PLASTIC (SN 51589 and Before)	1	
13	50304902	BRACKET* (Earlier Machines)	1	29	50304927	BRACKET/ARM REST (Later Machines)	1	
14	272020	BRACKET/ARM REST	1	* 272019 Bracket replaced by 50304902 for service				
15	273671	COVER/CONTROL VALVE	1					
16	273992	COVER/CONTROL VALVE	1					
17	650448	CS 1/4X3/4 C5ZY	2					

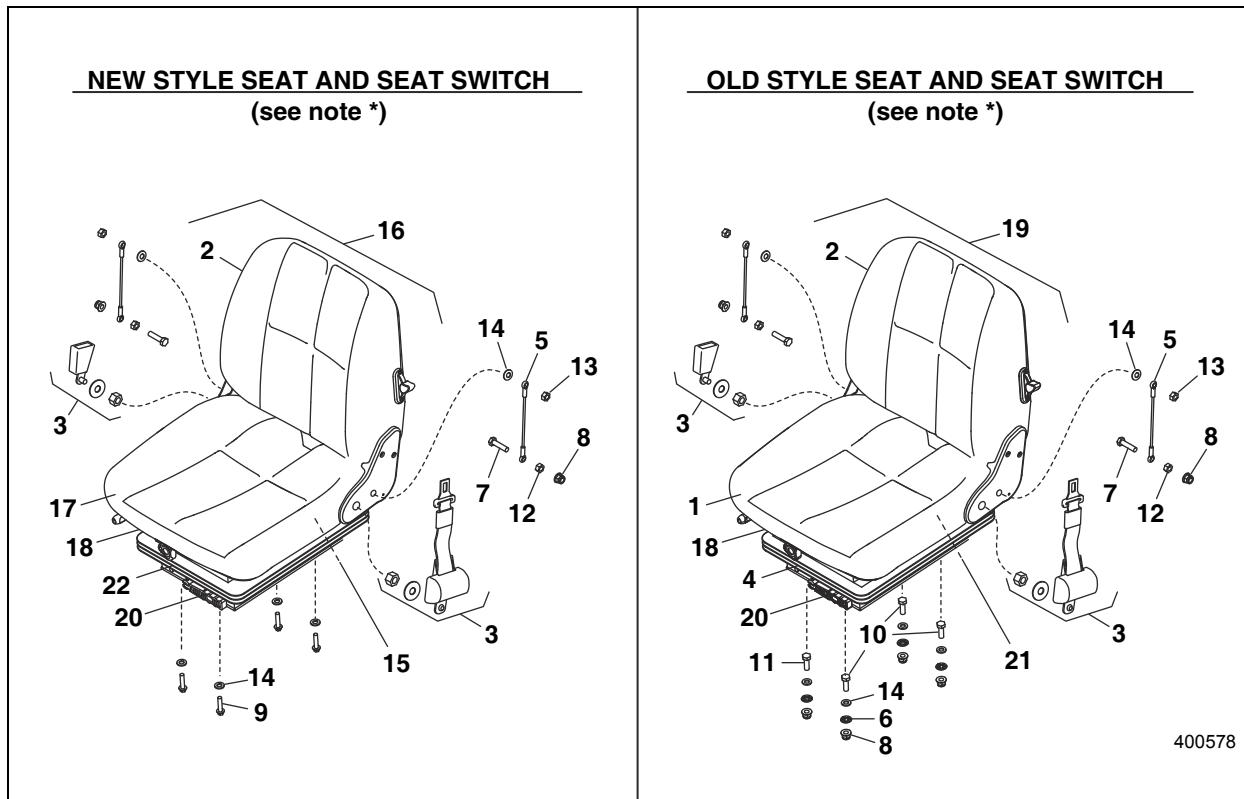
**AL 540 - OPERATOR'S PLATFORM
SEAT AND SEATBELT -- (SN 51931 AND UP)**



50303916, 50303873

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	50303916	SEAT/MECH SUSPENSION (Incl. Ref. 2-8)	1	7	50288038	WIRE HARNESS (MECHANICAL SUSPENSION)	1
	50303873	SEAT/AIR SUSPENSION (Incl. Ref. 2-8)	1		50288037	WIRE HARNESS (AIR SUSPENSION)	1
2	50288039	SEAT BELT	1	8	50288032	SLIDE KIT	1
	50288040	3" SEAT BELT (OPTION)	1	9	50657046	CS FL M8-1.25X16 8.8 ZY DIN6921 (NON-CAB MACHINES ONLY)	4
3	50288033	BACK CUSHION KIT	1		651689	CS FL M8-1.25X20 8.8 ZY DIN6921 (CAB MACHINES ONLY)	
4	50288034	SEAT CUSHION KIT	1	10	656111	FW M8 ZY DIN125 (CAB MACHINES ONLY)	2
5	50288036	SEAT SWITCH	1				
6	50288041	MECHANICAL SUSPENSION	1				
	50288044	AIR SUSPENSION	1				

**AL 540 - OPERATOR'S PLATFORM
SEAT AND SEATBELT -- (SN 51242 - 51930)**



Ref.

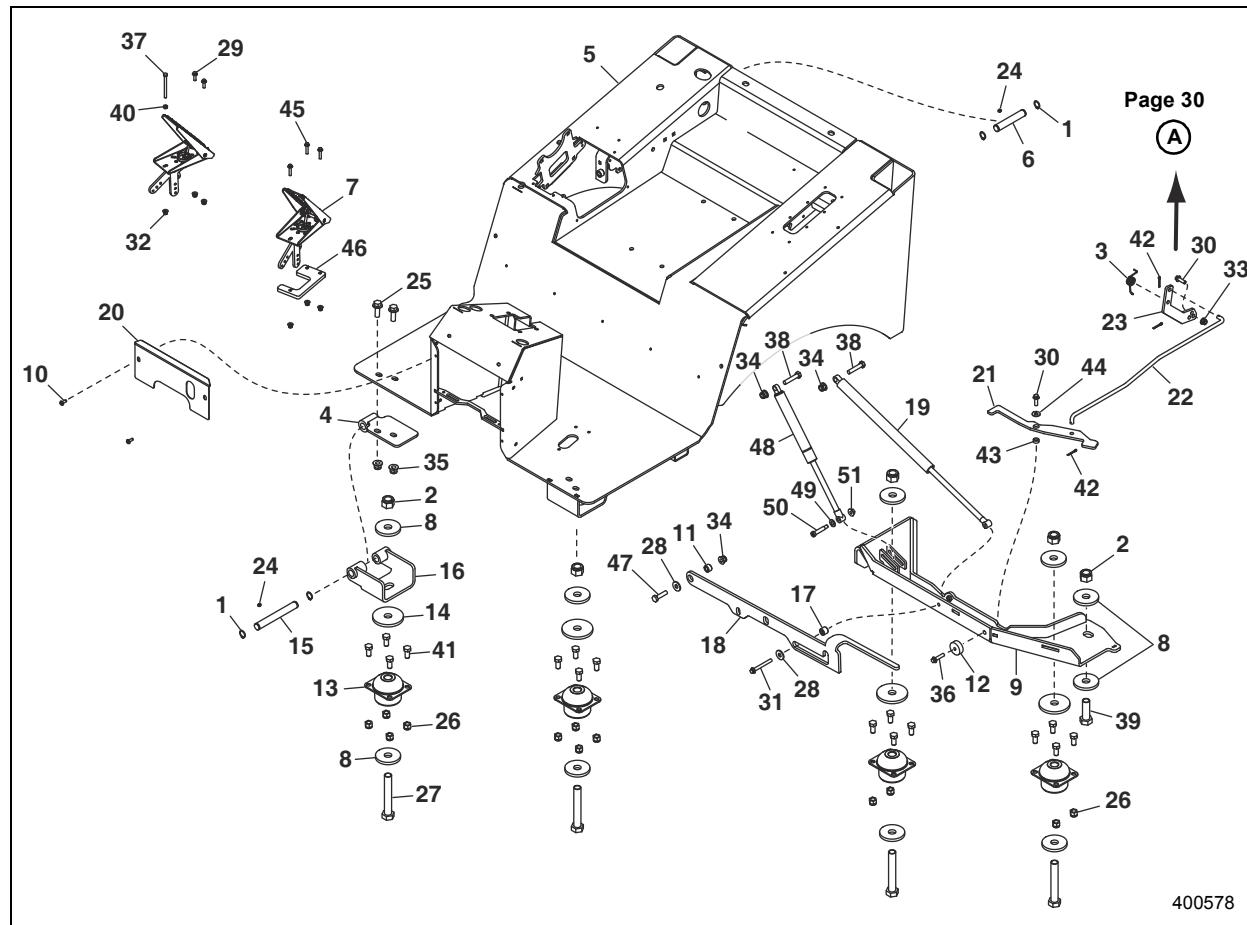
No.	Part No.	Description	Qty.
1	270047	CUSHION (old style seat) [Ref. 21 switch not included; order 50301576 for switch replacement]	1
2	270049	BACKREST	1
3	270050	SEATBELT/2 INCH	1
4	270226	SUSPENSION/ADJUSTABLE (old style seat)	1
5	270585	CABLE	2
6	274582	RETAINER 10MM (old style seat)	4
7	651400	CS M10-1.5X40 C10.9 ZY DIN931	2
8	651707	LN INST FL M10-1.50 C8 ZY DIN6926 (new style seat)	2
	651707	LN INST FL M10-1.50 C8 ZY DIN6926 (old style seat)	6
9	651720	CS FL M8-1.25x35 C8.8 ZY DIN1662 (new style seat)	4
10	656008	CS M10-1.5X30 C8.8 ZY DIN931 (old style seat)	3
11	656010	CS M10-1.5X40 C8.8 ZY DIN931 (old style seat)	1
12	656049	HN M10-1.5 C8 ZY DIN934	2

Ref.

No.	Part No.	Description	Qty.
13	656063	HJN M8-1.25 C4 ZY DIN439	2
14	656133	FW M10 ZY DIN125	6
15	50301523	SWITCH/SEAT (new style seat)	1
16	50301525	SEAT/SUSPENSION (new style seat) (includes all components except seat retaining hardware)	1
17	50301569	PKG/CUSHION REPLACEMENT (new style seat) [Ref. 15 included]	1
18	50301570	RAILS/SLIDE	1
19	50301572	KIT/SUSPENSION SEAT (kit upgrades to new style seat and switch) (includes all components, and new seat retaining hardware)	1
20	50301575	HANDLE/SEAT	1
21	50301576	KIT/CUSHION & SWITCH (old style seat)	1
22	50301577	SUSPENSION (new style seat)	1

* NOTE: Identify seat by seat switch wiring and connectors. Old style seat switch has two wires with spade connectors. New style seat switch has single wire with waterproof connector.

AL 540 - OPERATOR'S PLATFORM
OPERATOR'S PLATFORM - LOWER



400578

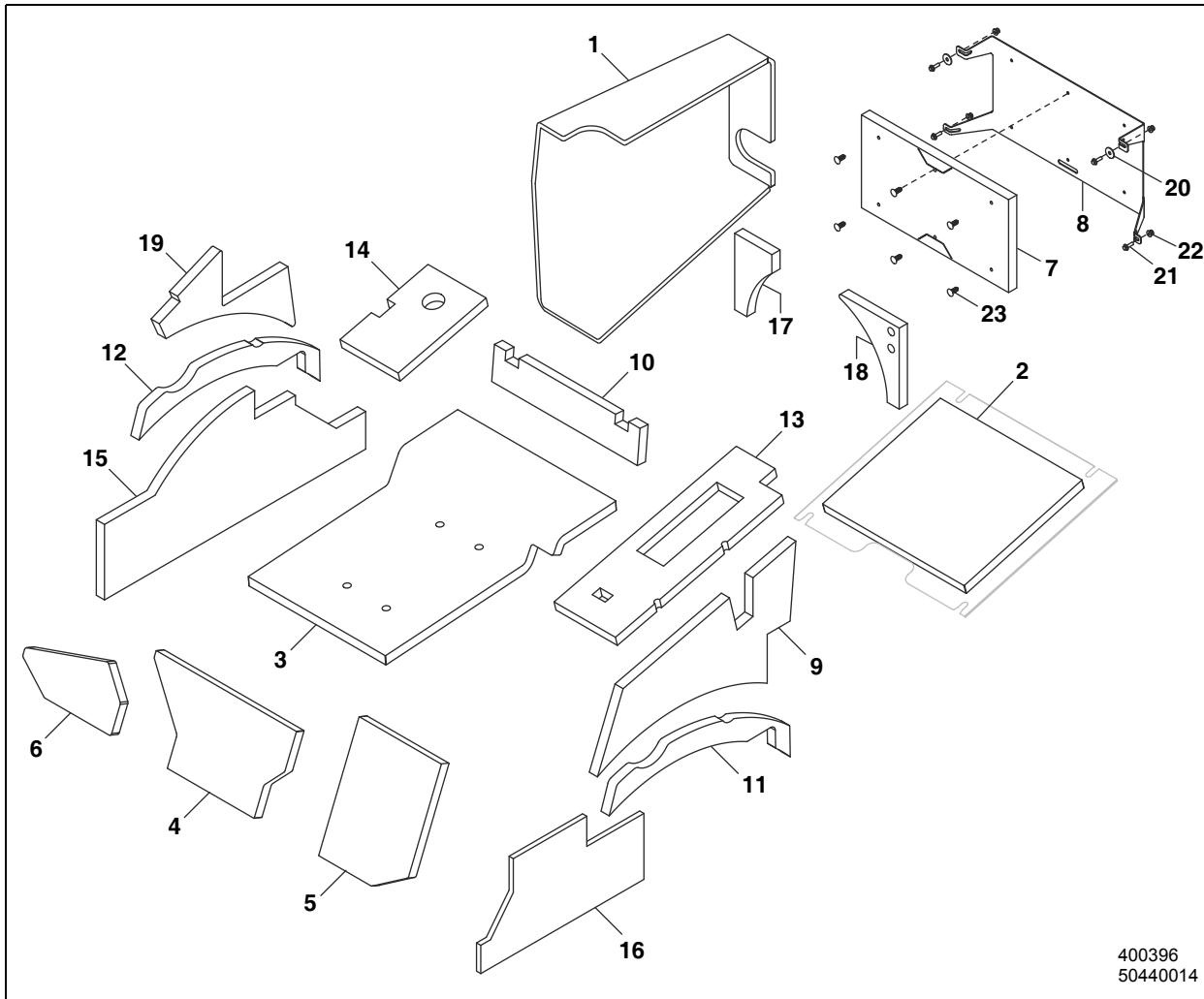
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	067950	RING/EXTERNAL RETAINING	4	20	273820	COVER/STEERING PEDESTAL (w/ROPS)	1
2	071250	LN INST M20-2.50 C9 ZY DIN6924	5	21	271890	PLATE/LOCK	1
3	119887	SPRING/TORSION	1	22	271901	ROD/LOCK	1
4	175624	WDMT/HINGE	1	23	271948	PLATE/BELLCRANK	1
5	50301519	WDMT/OPERATOR PLATFORM (SN 51590 and Up)	1	24	570021	FITTING /GREASE	2
	50280456	KIT/OPERATOR PLATFORM AL400/500 (SN 51589 and Before)	1	25	176656	CS FLH M12-1.75X35 C8.8ZY (two-post ROPS)	2
6	176383	PIN/HINGE (platform pivot, rear)	1		656019	CS M12-1.75X45 C10.9 ZY DIN931 (four-post ROPS and cab)	2
7	176387	PEDAL/MEDIUM DUTY	2	26	651449	LN INST M12-1.75 C8 ZY DIN6924	12
8	176492	PLATE/CAB MOUNT	10	27	651543	CS M20-2.5X130 C10.9 ZY DIN931	4
9	176560	WDMT/SUSPENSION BRKT	1	28	651659	FW M10 HARDENED Z	2
10	176681	SCREW/TPH TF TORX M6-1.00X16	2	29	651693	CS FL M6-1.00X20 C8.8 ZY DIN1662	2
11	176869	SPACER	1	30	651695	CS FL M8-1.25X25 C8.8 ZY DIN1662	2
12	200163	SNUBBER/PROP ROD	1	31	651696	CS FL M8-1.25X70 C8.8 ZY DIN1662	1
13	200174	ISOLATOR/CAB	4	32	651705	LN INST FL M6-1.00 C8 ZY DIN6926	6
14	200212	PLATE/GUIDE	4	33	651706	LN INST FL M8-1.25 C8 ZY DIN6926	1
15	200277	PIN/PIVOT/FRONT	1	34	651707	LN INST FL M10-1.50 C8 ZY DIN6926 (except below)	2
16	200280	WDMT/PIVOT BRKT	1		651707	LN INST FL M10-1.50 C8 ZY DIN6926 (SN 51394 and up, w/cab)	3
17	201062	SPACER	1	35	651708	LN INST FL M12-1.75 C8 ZY DIN6926	2
18	201400	BAR/PROP	1				
19	270134	GAS SHOCK	1				

AL 540 - OPERATOR'S PLATFORM
OPERATOR'S PLATFORM - LOWER

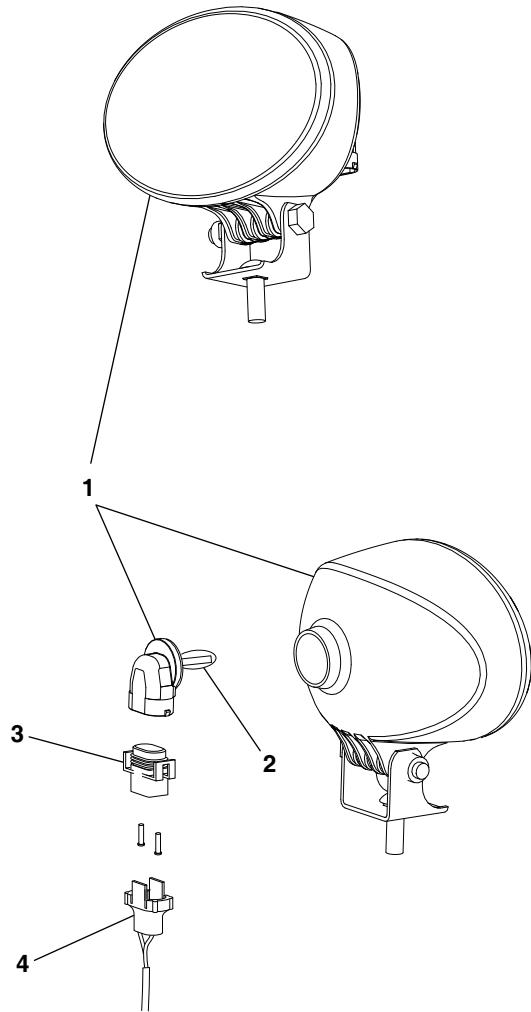
Ref.

No.	Part No.	Description	Qty.
36	651720	CS FL M8-1.25X35 C8.8 ZY DIN1662	1
37	651819	HTB M6-1.00X100 C8.8 ZY DIN933	1
38	656012	CS M10-1.5X50 C8.8 ZY DIN931 (except below)	1
	656012	CS M10-1.5X50 C8.8 ZY DIN931 (SN 51394 and up, w/cab)	2
39	656039	CS M20-2.5X60 C8.8 ZY DIN931	1
40	656047	HN M6-1 C8 ZY DIN934	1
41	656122	CS M12-1.75X25 C8.8 ZY DIN931	16
42	655006	CP EPSC 1/8x1 Z	3
43	271611	BUSHING	1
44	654004	FW 5/16 AWZY	1
45	651759	CS FL M6-1.00x30 C8.8 ZY DIN1662	3
46	272424	PEDAL PLATE SPACER	1
47	651400	CS M10-1.5x40 C10.9 ZY DIN931	1
48	276062	Strut/Gas (w/cab, SN 51394 and up)	1
49	654049	FW 3/8 ANZY (w/cab, SN 51394 and up)	1
50	030-31953	Bolt Shoulder 5/16-18 X 1.5 (w/cab, SN 51394 and up)	1
51	210-31017	LN FL CTR 5/16 CFZY (w/cab, SN 51394 and up)	1

AL 540 - ISOLATION MATS
ISOLATION MATS (EU ALL, DOMESTIC W/CAB)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	271124	FOAM/SOUND/MUFFLER	1	14	50300129	FOAM/SOUND/PLATFORM/UPRT*	1	
2	272227	FOAM/SKIDPLATE	1	15	50300130	FOAM/SOUND/FRAME/RT*	1	
3	270936	FOAM/SOUND/PLATFORM	1	16	50300132	FOAM/SOUND/FRAME/LT*	1	
4	270937	FOAM/SOUND/PLATFORM	1	17	50300140	FOAM/SOUND/RAD/RT*	1	
5	270939	FOAM/SOUND/PLATFORM	1	18	50300141	FOAM/SOUND/RAD/LT*	1	
6	270940	FOAM/SOUND/PLATFORM	1	19	50300143	FOAM/SOUND/PLATFORM/RT*	1	
7	274964	FOAM/HOOD*	1	20	651670	FW 1/4 BWZY*	2	
8	274981	BRKT/FOAM/HOOD*	1	21	651693	CS FL M6-1.00X20 C8.8 ZY DIN1662*	4	
9	50300110	FOAM/SOUND/PLATFORM/LT*	1	22	651705	LN INST FL M6-1.00 C8 ZY DIN6926*	4	
10	50300112	FOAM/SOUND/PLATFORM/REAR*	1	23	420-36132	CLIP, CHRISTMAS TREE*	6	
11	50300113	FOAM/SOUND/ARCH/LT*	1	* NOTE: Ref. Nos. 7-23 are EU only				
12	50300114	FOAM/SOUND/ARCH/RT*	1					
13	50300128	FOAM/SOUND/PLATFORM/UPLT*	1					



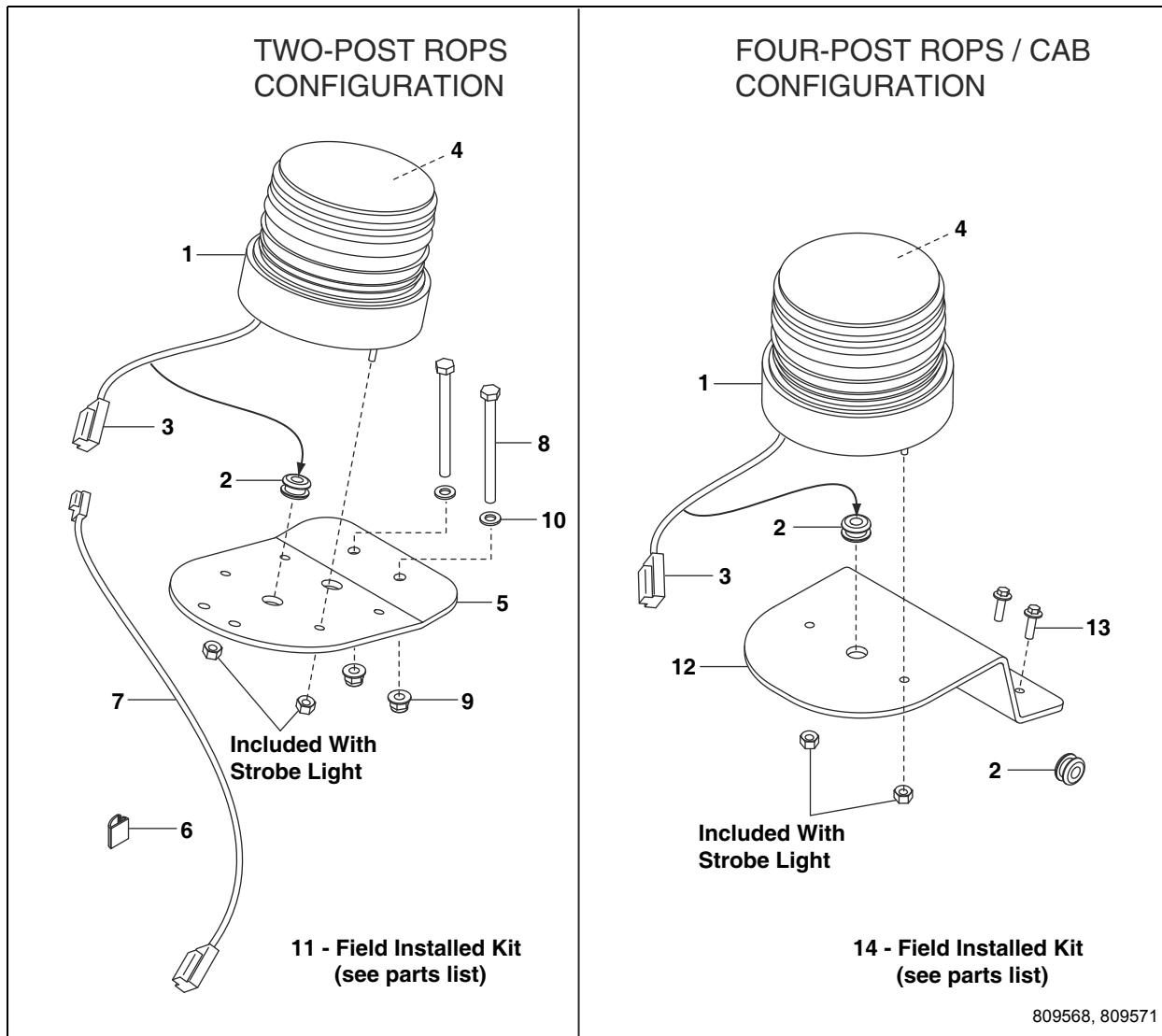
Ref.

No.	Part No.	Description	Qty.
1	420-36292	HEADLIGHT	2
2	122488	BULB	2
3	420-36141	HOUSING, CONNECTOR FEMALE	2
4	420-36140	SECONDARY LOCK	2

NOTE: Quantities shown are for machines with two-post ROPS.
For machines with four-post ROPS or cab, quantities for each item are (4).

AL 540 - STROBE LIGHTS

STROBE LIGHT KITS - 809568, 809571 (OPTION - DOMESTIC ONLY)



809568, 809571

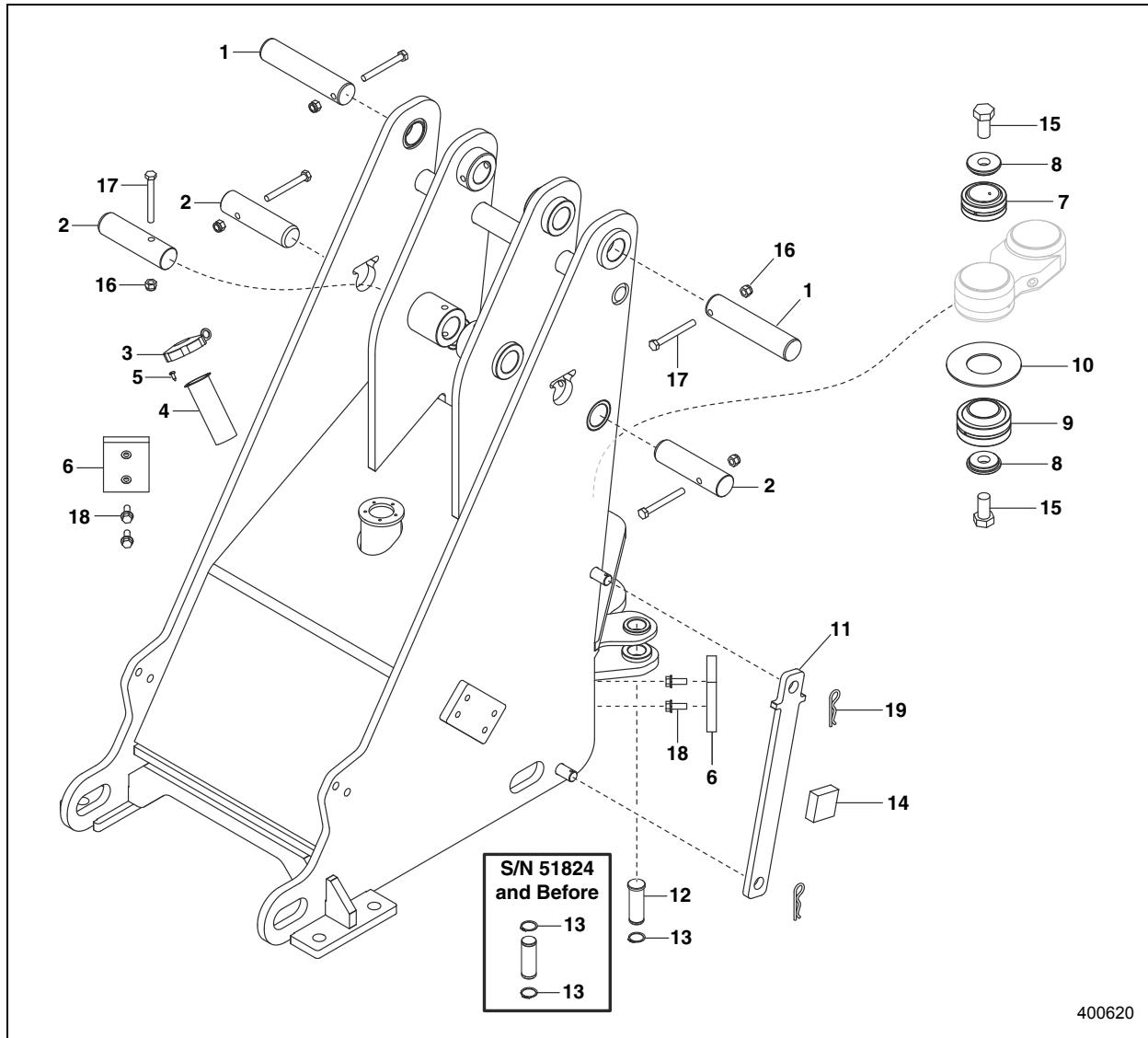
Ref.

No.	Part No.	Description	Qty.
1	088296	STROBE	1
2	101712	GROMMET, RUBBER	1
3	274135	DEUTSCH M 2-PIN	1
4	132318	BULB/STROBE	1
5	201237	BRACKET/BEACON	1
6	270192	CLIP/SMALL WIRE	6
7	274117	HARNESS/BEACON	1
8	651681	CS M8-1.25X100 C8.8 ZY DIN931	2

Ref.

No.	Part No.	Description	Qty.
9	651706	LN INST FL M8-1.25 C8 ZY DIN6926	2
10	656111	FW M8 ZY DIN125	2
11	809568	KIT/STROBE LIGHT 2-POST	1
12	273745	MOUNT/STROBE	1
13	651693	CS FL M6-1.00X20 C8.8 ZY DIN1662	2
14	809571	KIT/STROBE LIGHT 4-POST	1

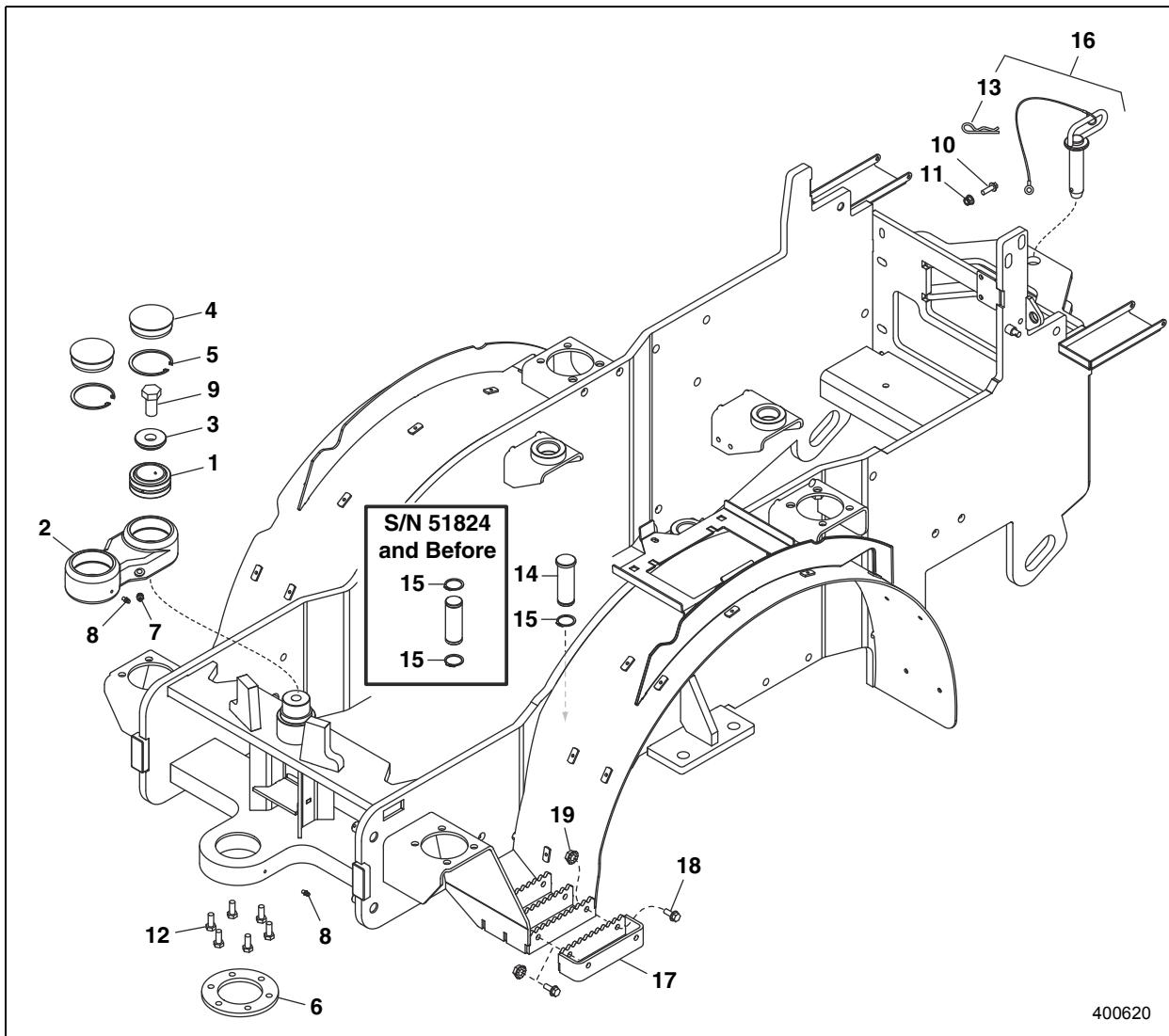
**AL 540 - CHASSIS
FRONT FRAME**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	176664	PIN/PIVOT 40MM	2	12	50380912	PIN/STEERING CYLINDER *	1	
2	176042	PIN/PIVOT	3	13	200090	RING/EXTERNAL SNAP	1	
3	132051	FUEL TANK CAP	1	14	270924	BUMPER/FOAM	1	
4	132050	STRAINER-FUEL FILL	1	15	651419	CS M20-2.5X40 C10.9 ZY DIN931	2	
5	650702	SCREW/TPH TF SLTD #632X3/8 CZY	2	16	651448	LN INS M10-1.5 C8 ZY DIN6924	5	
6	L61709	PAD/SLIDE 3" X 4"	2	17	656015	CS M10-1.5X90 C8.8 ZY DIN931	5	
7	175934	BEARING/SPHERICAL PIVOT	1	18	076589	CS FL LOCK 3/8X1 C5ZY	4	
8	176142	RETAINER/BEARING	2	19	076099	COTTER/HAIRPIN 9/64X2-11/16	2	
9	176193	BEARING/SPHERICAL	1	*200084 Steering Pin replaced by 50380912 for service				
10	176719	WASHER/BEARING SHIELD	1					
11	200027	LOCK/STEERING	1					

AL 540 - CHASSIS

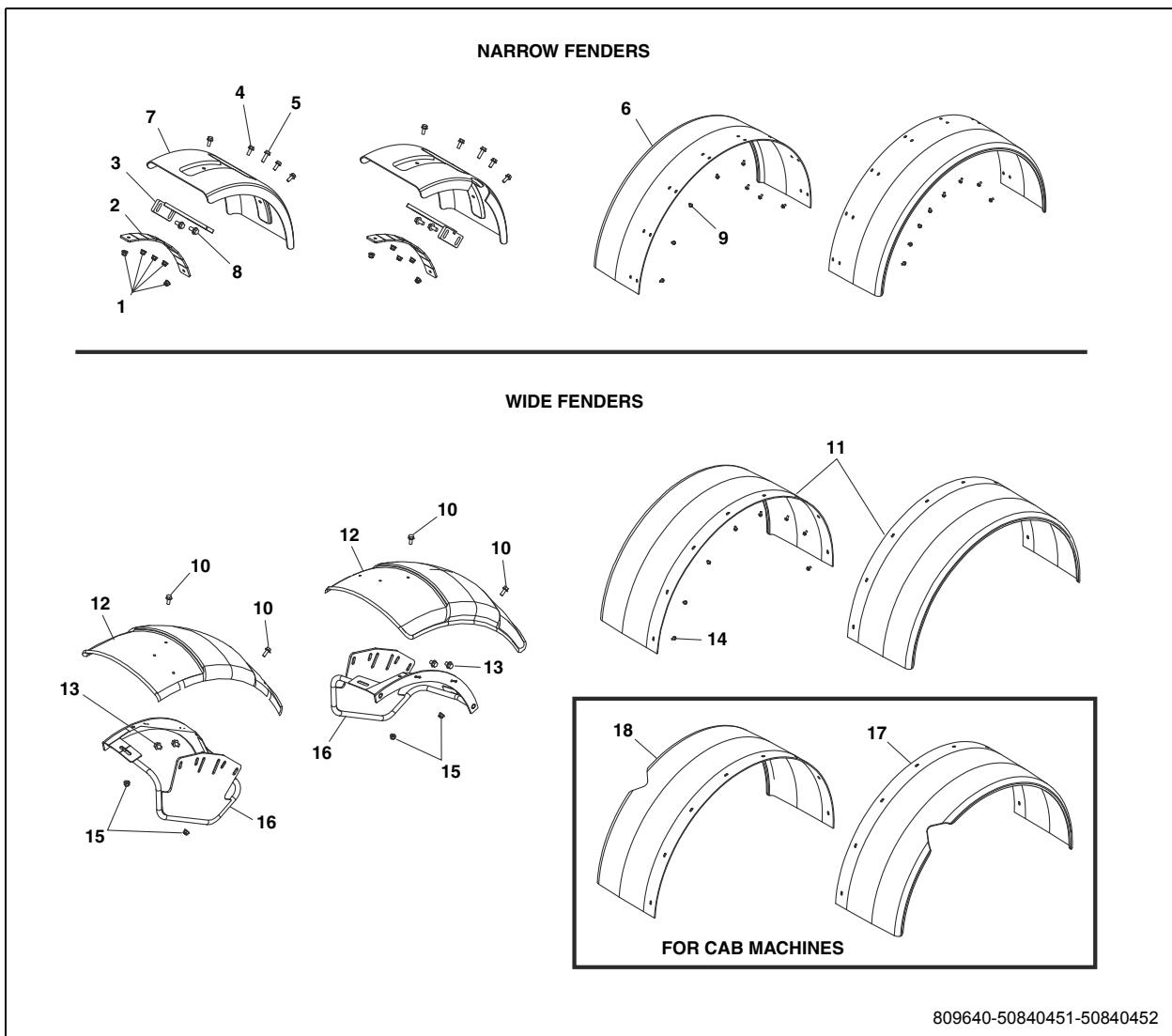
REAR FRAME



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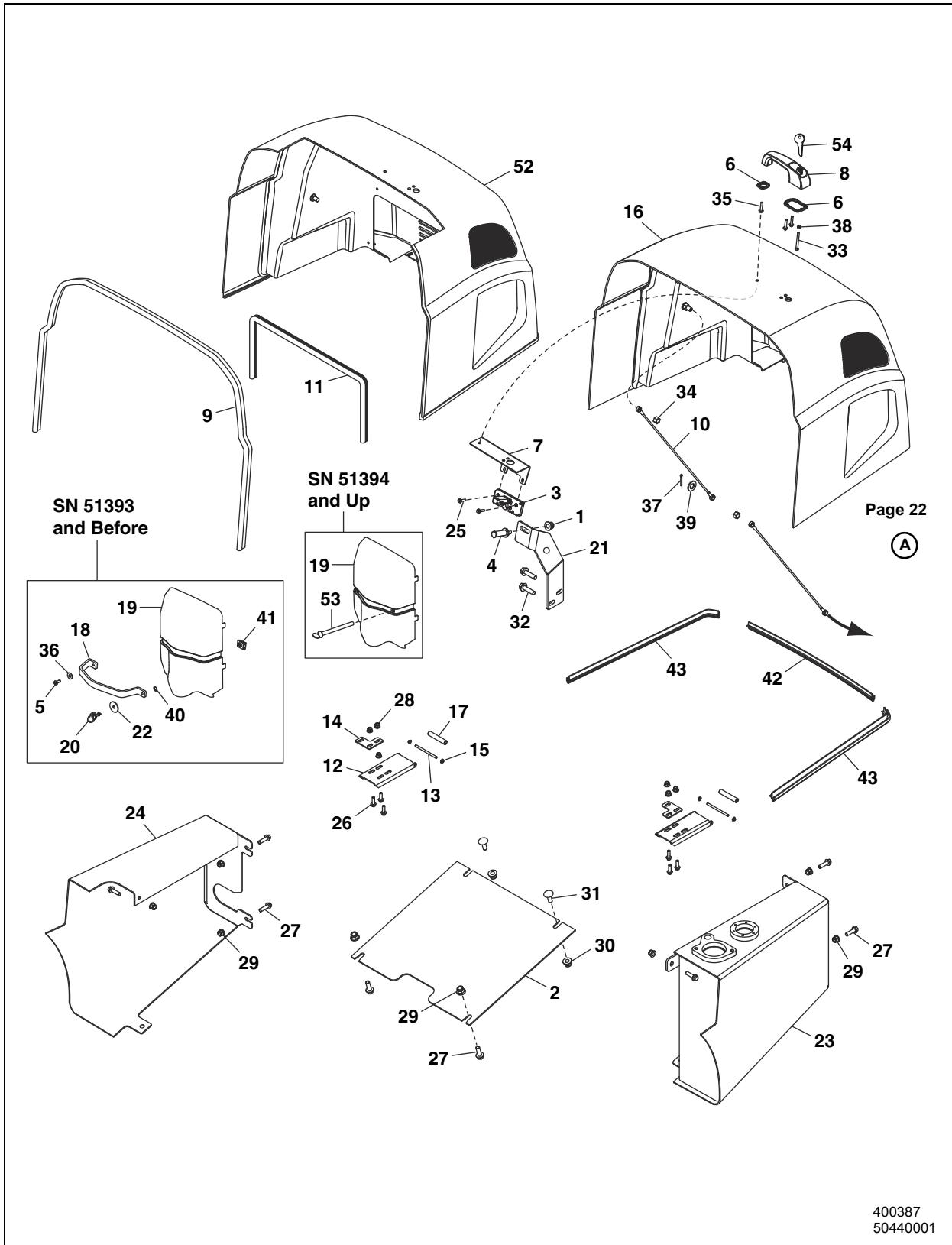
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	175934	BEARING/SPHERICAL PIVOT	1	12	656007	CS M10-1.5X25 C8.8 ZY DIN931	6	
2	175936	HOUSING/BEARING PIVOT	1	13	076099	COTTER/HAIRPIN 9/64X2-11/16	1	
3	176142	RETAINER/BEARING	1	14	50380912	PIN/STEERING CYLINDER *	1	
4	176450	CAP/BEARING	2	15	200090	RING/EXTERNAL SNAP	1	
5	176468	RING/RETAINING	2	16	270793	PIN/RETRIEVAL (Includes Ref. No. 13)	1	
6	200202	RING RETAINING	1	17	273505	WDMT/STEP (optional extension)	1	
7	613021	FITTING/GREASE M10X1	1	18	176653	CS FLH M10-1.5X25 C8.8ZY SP DIN1665	2	
8	613052	FITTING/GREASE M6X1	2	19	071043	LN SER FL M10-1.50 C10 ZY DIN196	2	
9	651419	CS M20-2.5X40 C10.9 ZY DIN931	1	*200084 Steering Pin replaced by 50380912 for service				
10	651695	CS FL M8-1.25X25 C8.8 ZY DIN1662	1					
11	651706	LN INST FL M8-1.25 C8 ZY DIN6926	1					

AL 540 - CHASSIS FENDERS



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 651707	LN INST FL M10-1.50 C8 ZY DIN6926	10	10 176653	CS FLH M10-1.5X25 8.8 ZY SP DIN6921	8
2 176643	SUPPORT/FENDER	2	11 50304007	FENDER/WIDE REAR	2
3 176647	WDMT/FENDER BRKT	2	12 L99951	FENDER/ DL W/O HOLES	2
4 176653	CS FLH M10-1.5X25 C8.8ZY SP DIN1665	8	13 50657048	CS FL M12-1.75X16 8.8 ZY DIN6921	4
5 176655	CS FLH M10-1.5X35 C8.8ZY SP DIN1665	2	14 651693	CS FL M6-1.00X20 8.8 ZY DIN6921	16
6 201176	FENDER/REAR AL400 & AL500	2	15 651707	LN INST FL M10-1.50 C8 ZY DIN6926	4
7 176644	FENDER/FRONT	2	16 50304318	WDMT/FENDER MOUNT	2
8 651699	CS FLH M12-1.75X25 C8.8 ZY DIN1665	4	17 50304008	FENDER/WIDE REAR LH	2
9 176651	CS FL M6-1.00X12 C8.8ZY SP DIN1662	16	18 50304009	FENDER/WIDE REAR RH	2

**AL 540 - CHASSIS
COVERS**



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50440001

**AL 540 - CHASSIS
COVERS**

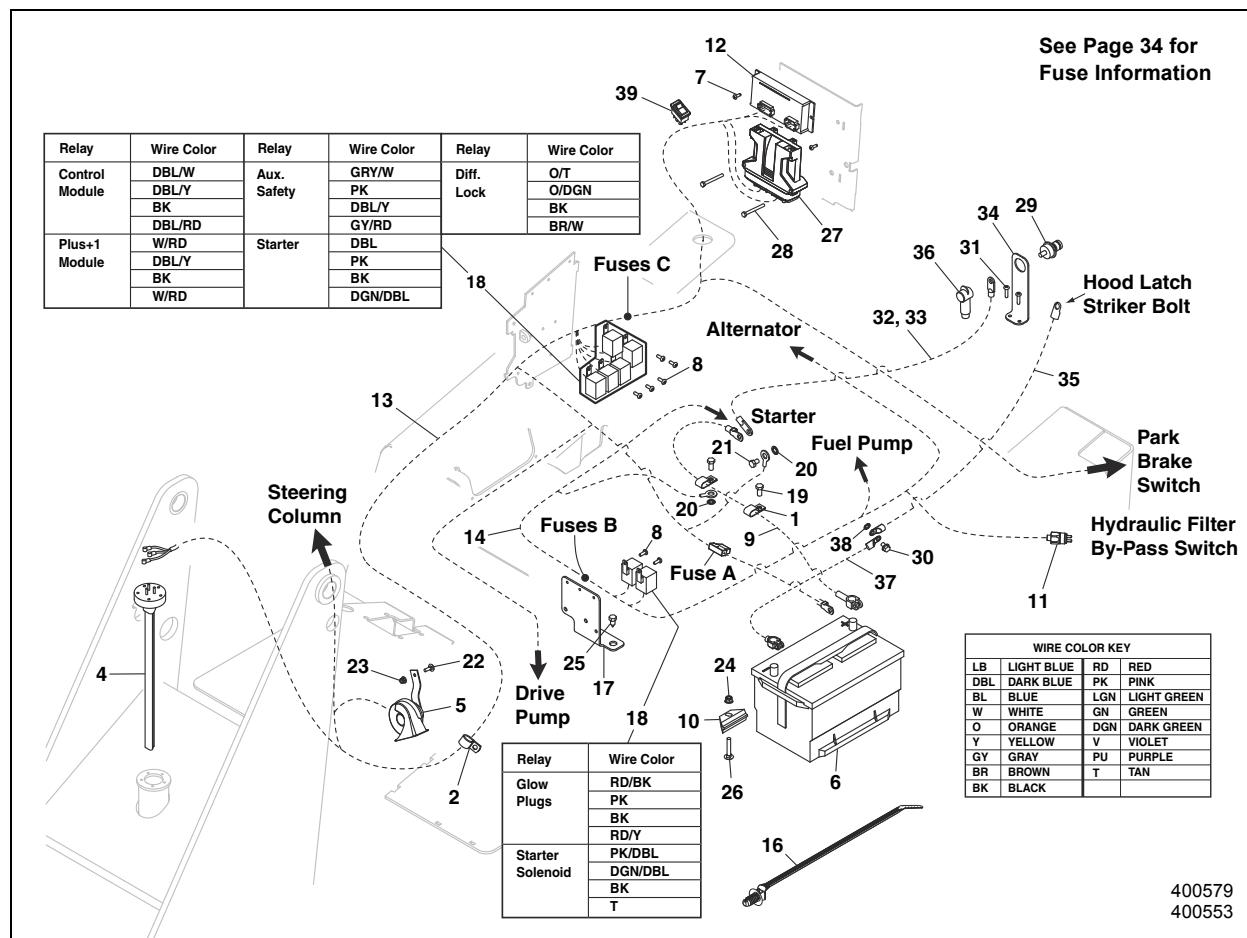
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	656065	HJN M12-1.75 C4 ZY DIN439		1	26	651695	CS FL M8-1.25X25 C8.8 ZY DIN1662		6
2	175802	PLATE/ENGINE ACCESS		1	27	651698	CS FL M10-1.50X35 C8.8 ZY DIN1662		8
3	176455	LATCH/CLAW/DOUBLE		1	28	651706	LN INST FL M8-1.25 C8 ZY DIN6926		6
4	176459	BOLT/STRIKER		1	29	651707	LN INST FL M10-1.50 C8 ZY DIN6926		8
5	176681	SCREW/TPH TF TORX M6-1.00X16		1	30	651708	LN INST FL M12-1.75 C8 ZY DIN6926		2
6	176736	GASKET/HANDLE		1	31	651729	CB M12-1.75X35 C8.8 ZY DIN603		2
7	176737	HOOD LATCH MOUNTING BRKT		1	32	651742	CS FLH M12-1.75X45 C8.8ZY DN1665		2
8	176809	HANDLE/BUTTON/PUSH (W/KEY)		1	33	651757	CS M6-1X55 C8.8 ZY DIN931		1
9	176905	BULB SEAL		1	34	651770	LN INS M12-1.75 C8 ZY DIN985		2
10	201011	WIRE ROPE ASSY		2	35	651774	CS FL M6-1.00X35 C8.8 ZY DIN1662		3
11	274348	BULB SEAL (90°)		1	36	654002	FW 1/4 AWZY		1
12	201103	HINGE/UPPER		2	37	655006	CP EPSC 1/8X1 Z		1
13	201107	PIN/HINGE		2	38	656062	HJN M6-1 C4 ZY DIN439		1
14	201226	BACKPLATE/HINGE		2	39	656152	FW M14 ZY DIN125		1
15	201238	PUSHNUT/WASHERCAP		4	40	L62721	FASTENER RETAINER		1
16	274078	ASSY/HOOD FIBERGLASS (Machines without A/C, Includes Ref. Nos. 42 & 43)		1	41	L62722	FASTENER RECEPTACLE		1
17	270333	TUBE		2	42	270812	SEAL/BULB		1
18	271737	STRAP/RUBBER		1	43	270813	SEAL/BULB		2
19	271884	COVER/CONTROL MODULE*		1	52	275916	ASSY/HOOD FIBERGLASS (Machines with A/C, Includes Ref. Nos. 42 & 43)		1
20	272259	1/4 TURN FASTENER		1	53	50300149	SCREW/THUMB 1/4X3 ACZ		2
21	272274	BRKT/HOOD LATCH		1	54	176470	KEY		1
22	272301	FW 5/16 SPECIAL		1					
23	50304098	WDMT/HYD TANK**		1					
24	274092	COVER/MUFFLER		1					
25	651694	CS FL M6-1.00X25 C8.8 ZY DIN1662		2					

NOTES: *Module cover, Ref. No. 19, was changed to add mounting holes for new hardware, but is still compatible with older version hardware.

**50304098 Replaces 272848 Wdmt/Hyd Tank for service.

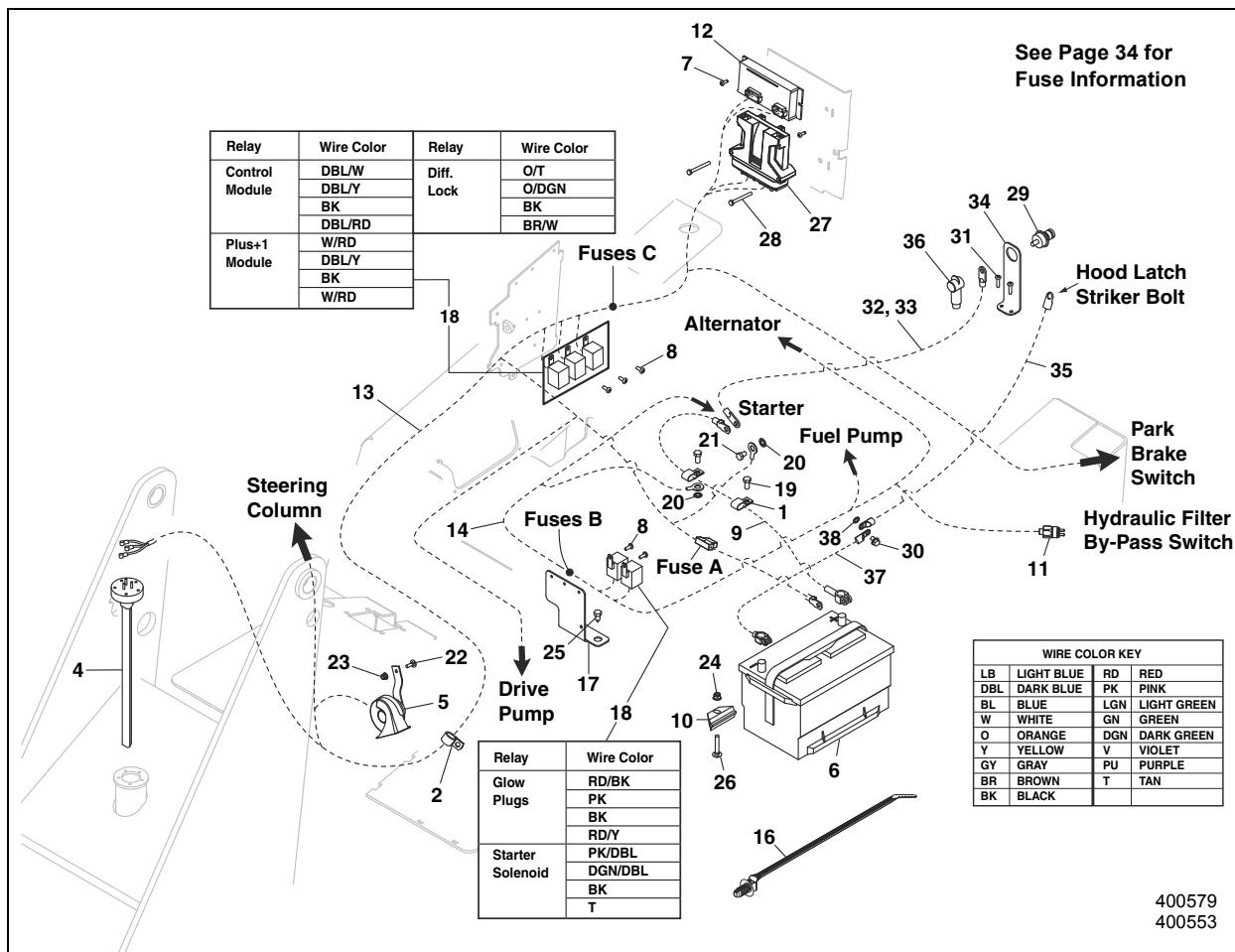
AL 540 - CHASSIS

ELECTRICAL (SN 51590 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	067880	CLAMP/HOSE .50 X .41 HOLE DOUBLE	2	22	651690	CB M6-1.00X20 C8.8 ZY DIN603	1
2	075505	CLAMP/HOSE .81 X .41 HOLE	1	23	651705	LN INST FL M6-1.00 C8 ZY DIN6926	1
4	176380	SENDER/FUEL W/SWITCH	1	24	651706	LN INST FL M8-1.25 C8 ZY DIN6926	1
5	176497	HORN/12V	1	25	651724	SCREW/TPH TF M10-1.5X20 ZY DIN7500D	1
6		BATTERY/12 VOLT*	1	26	651733	CB M8-1.25X50 C8.8 ZY DIN603	1
7	176680	SCREW/TPH TF TORX M5-0.8X16 CZY	2	27	270199	MODULE/CONTROL	1
8	176681	SCREW/TPH TF TORX M6-1.00X16 CZY	7	28	656088	CS M6-1X60 C8.8 ZY DIN931	2
9	176828	CABLE/BATTERY POSITIVE (includes terminal protector)	1	29	137425	TERMINAL/REMOTE RED (includes washer and nut - not shown)	1
10	201000	HOLD/BATTERY	1	30	176652	CS FLH M8-1.25X12 8.8ZY SP1665	1
11	270411	SWITCH/PRESSURE	1	31	176682	SCREW/TPH TF TORX M6-1.00X25 CZY	2
12	275866	MODULE/LOGIC AL3/4/500	1	32	190758	CABLE/BAT/REMOTE TERM	1
13	50304451	HARNESS/CHASSIS AL400/500 (SN 51931 and Up)	1	33	190761	LOOM/BATTERY CABLE (NOT SHOWN, SLIPS OVER CABLE)	1
	50301511	HARNESS/CHASSIS AL400/500 (SN 51242 - 51930)	1	34	274296	BRACKET/REMOTE TERM	1
14	273148	HARNESS/ENGINE AL500	1	35	274354	CABLE/REMOTE GROUND	1
16	273369	TIE/TREE MOUNT	3	36	274410	BOOT/INSULATOR	1
17	273626	BRACKET/RELAY	1	37	274350	CABLE/BATTERY GROUND	1
18	420-35602	RELAY	7	38	651679	LW EXT T M8 AZY DIN6797	1
19	650488	CS 3/8X3/4 C5ZY	2	39	50351791	EU SWITCH/ROAD MODE (SN 51931 and Up)	1
20	651087	LW INT T 3/8 AZY	2			* Purchase locally; Group size 65; 850 CCA	
21	651430	CS M8-1.25X12 C8.8 ZY DIN931	1				

AL 540 - CHASSIS
ELECTRICAL (SN 51589 AND BEFORE)

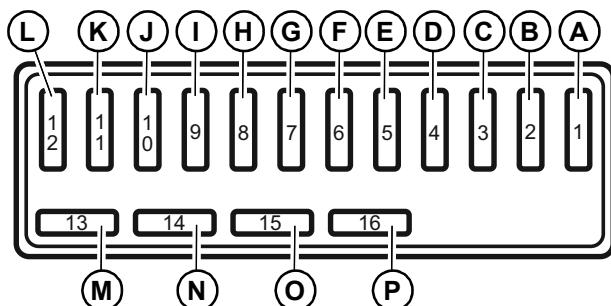


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	067880	CLAMP/HOSE .50 X .41 HOLE DOUBLE	2	22	651690	CB M6-1.00X20 C8.8 ZY DIN603	1
2	075505	CLAMP/HOSE .81 X .41 HOLE	1	23	651705	LN INST FL M6-1.00 C8 ZY DIN6926	1
4	176380	SENDER/FUEL W/SWITCH	1	24	651706	LN INST FL M8-1.25 C8 ZY DIN6926	1
5	176497	HORN/12V	1	25	651724	SCREW/TPH TF M10-1.5X20 ZY DIN7500D	1
6		BATTERY/12 VOLT*	1	26	651733	CB M8-1.25X50 C8.8 ZY DIN603	1
7	176680	SCREW/TPH TF TORX M5-0.8X16 CZY	2	27	270199	MODULE/CONTROL	1
8	176681	SCREW/TPH TF TORX M6-1.00X16 CZY	5	28	656088	CS M6-1X60 C8.8 ZY DIN931	2
9	176828	CABLE/BATTERY POSITIVE (includes terminal protector)	1	29	137425	TERMINAL/REMOTE RED (includes washer and nut - not shown)	1
10	201000	HOLD/BATTERY	1	30	176652	CS FLH M8-1.25X12 8.8ZY SP1665	1
11	270411	SWITCH/PRESSURE	1	31	176682	SCREW/TPH TF TORX M6-1.00X25 CZY	2
12	275866	MODULE/LOGIC AL3/4/500	1	32	190758	CABLE/BAT/REMOTE TERM	1
13	273147	HARNESS/CHASSIS AL500	1	33	190761	LOOM/BATTERY CABLE (NOT SHOWN, SLIPS OVER CABLE)	1
14	273148	HARNESS/ENGINE AL500	1	34	274296	BRACKET/REMOTE TERM	1
16	273369	TIE/TREE MOUNT	3	35	274354	CABLE/REMOTE GROUND	1
17	273626	BRACKET/RELAY	1	36	274410	BOOT/INSULATOR	1
18	420-35602	RELAY	5	37	274350	CABLE/BATTERY GROUND	1
19	650488	CS 3/8X3/4 C5ZY	2	38	651679	LW EXT T M8 AZY DIN6797	1
20	651087	LW INT T 3/8 AZY	2			* Purchase locally; Group size 65; 850 CCA	
21	651430	CS M8-1.25X12 C8.8 ZY DIN931	1				

AL 540 - CHASSIS

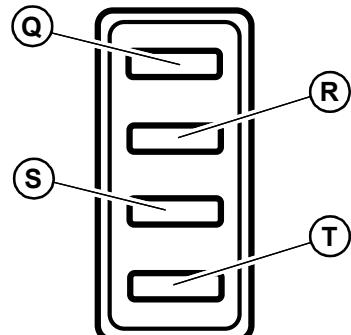
ELECTRICAL - FUSES

Fuses Located on Steering Column



Fuse	Rated Current (Amp)	Protected Circuit (Fuse numbers above from schematic)	Ref. (See Below)
A	5	Instrument panel, forward and reverse relays	1
B	10	Joystick	3
C	5	Fuel pump, glow module, fuel solenoid hold	1
D	7.5	Horn, beacon	2
E	5	Work light switch, work light relays	1
F	10	Power-A-Tach™	3
G	5	Starter relay	1
H	10	Turn signals	3
I	20	Ignition switch	5
J	10	Rear work light	3
K	10	Front work light	3
L	7.5	12V accessory power outlet	2
M	10	High-beam headlights	3
N	10	Low-beam headlights	3
O	5	Position lights	1
P	10	Spare fuse	3

Cab Fuses
(Inside Engine Compartment on the Right)



Fuse	Rated Current (Amp)	Protected Circuit	Ref. (See Below)
Q	5	Dome Light	1
R	5	Rear Wiper Motor	1
S	10	Front Wiper Motor	3
T	25	Heater	6

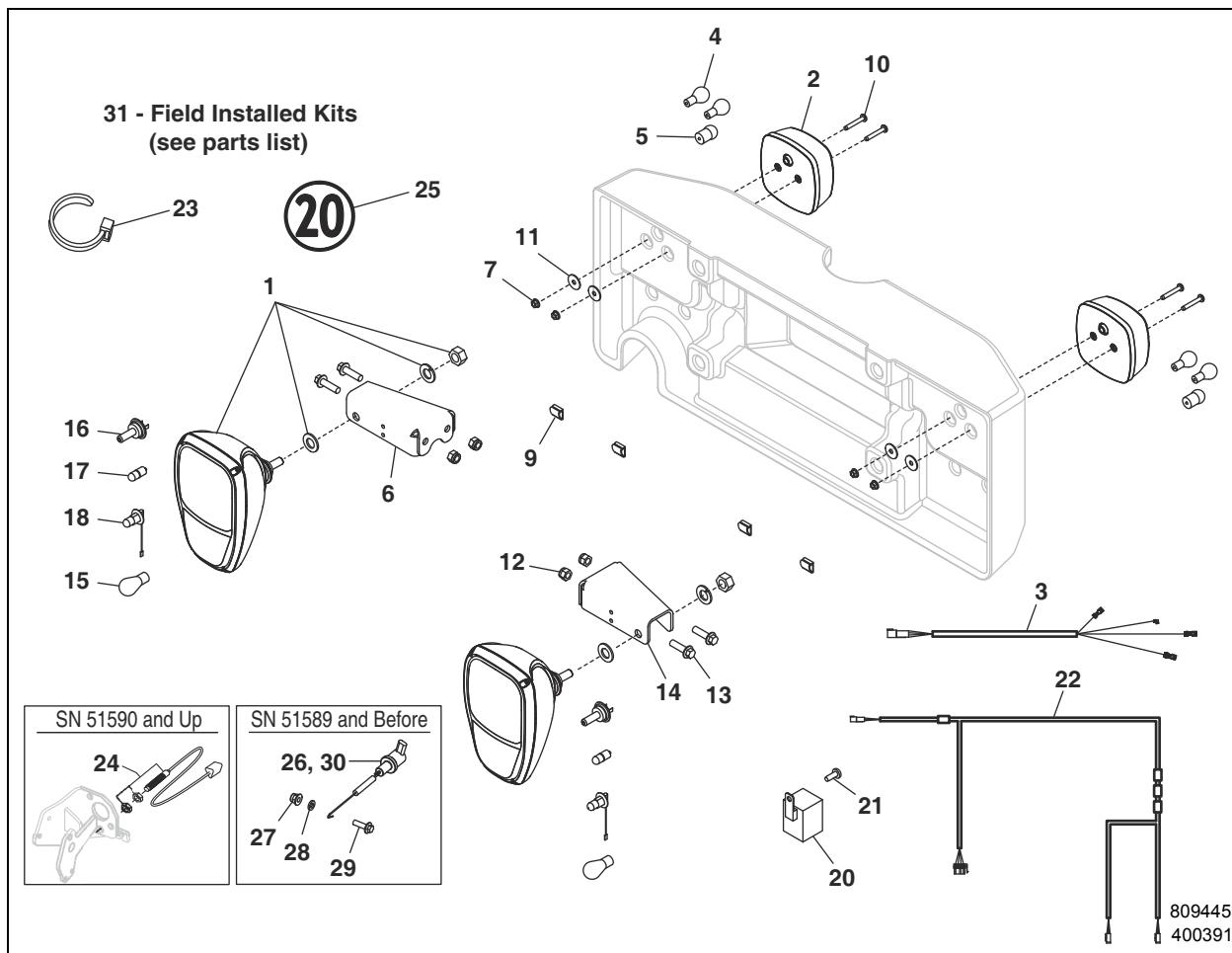
Inline Fuse Identification
(Inside Engine Compartment, see Page 32 or Page 33)

Fuse Loc.	Rated Current (Amp)	Protected Circuit	Ref. (See Below)
A	60	System	9
B	30 40	Starter Glow Plug	7 8
C	15 25	Drive Motor Control Module	4 6

All Fuses

Ref.	No. Part No.	Description	Qty.
1	L70244	5 AMP ATC FUSE	A/R
2	271279	7.5 AMP ATC FUSE	A/R
3	L70245	10 AMP ATC FUSE	A/R
4	420-35578	15 AMP ATC FUSE	A/R
5	L70246	20 AMP ATC FUSE	A/R
6	271265	25 AMP ATC FUSE	A/R
7	191331	30 AMP MAXI FUSE	A/R
8	271281	40 AMP MAXI FUSE	A/R
9	L500225	60 AMP MAXI FUSE	A/R

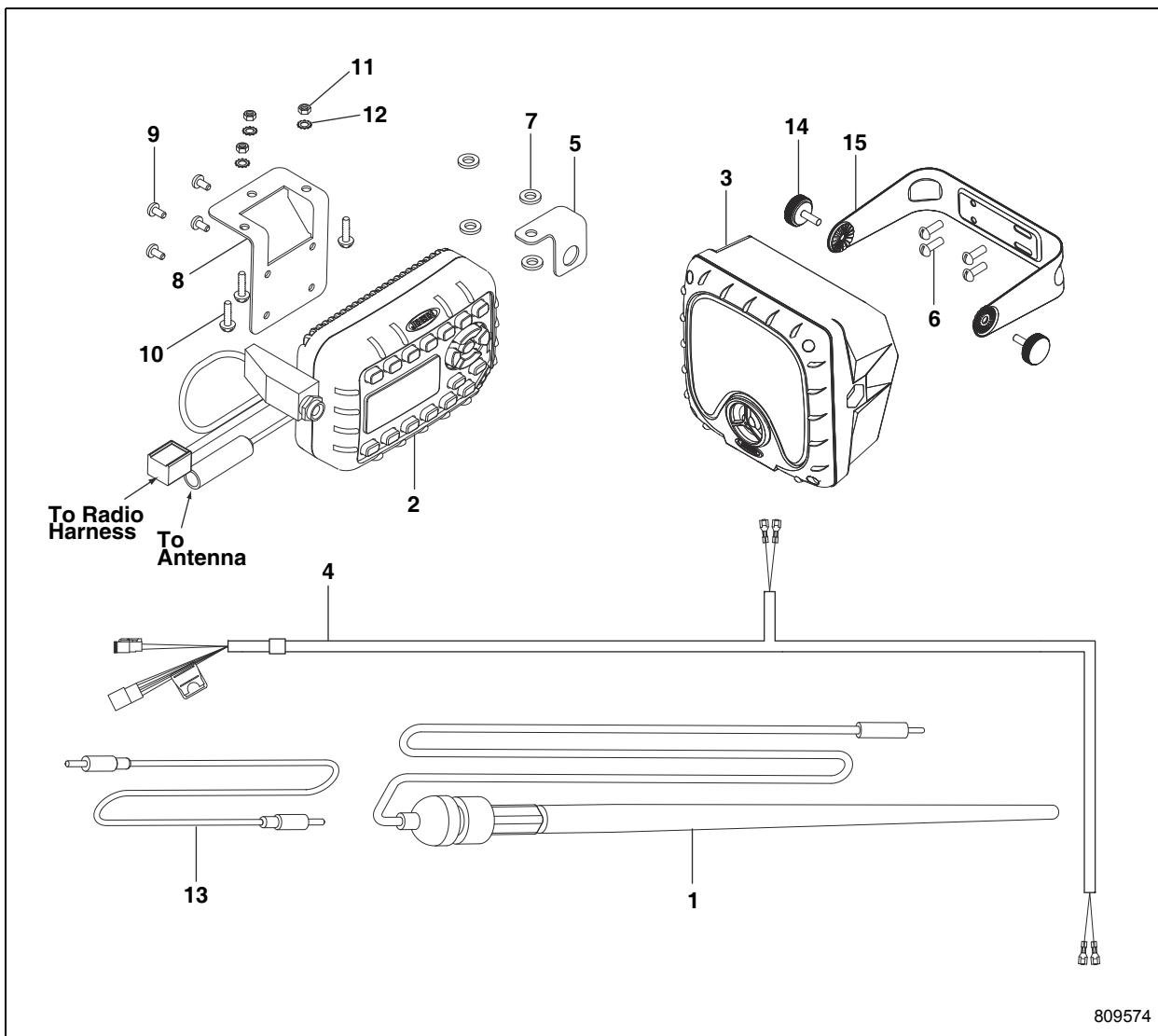
AL 540 - CHASSIS
HEADLIGHTS/TAIL LIGHTS (OPTION)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	176911	HEADLIGHT (Includes hardware as shown)	2	23	055648	TIE STRAP	6
2	201173	TAIL LIGHT (3 BULB) (Includes Ref. Nos. 15-18)	2	24	50301214	FERROUS PROX SWITCH/M12 (SN 51590 and Up)	1
3	201218	HARNESS/TAIL LIGHT	2	25	270114	DECAL/MAX SPEED (EU only)	3
4	201227	BULB/S812V21W	4	26	271431	BRAKE LIGHT SWITCH (SN 51589 and Before)	1
5	201228	BULB/G612V10W	2	27	651705	LN INST FL M6-1.00 C8 ZY DIN6926 (SN 51589 and Before)	1
6	275106	BRKT/RT FRT LIGHT	1	28	656179	FW M6 ZY DIN125 (SN 51589 and Before)	1
7	651722	HN FL M6-1.00 C8ZY DIN6923	4	29	651693	CS FL M6-1.00X20 C8.8 ZY DIN1662 (SN 51589 and Before)	1
9	270192	CLIP/SMALL WIRE	4	30	274135	DEUTSCH M 2-PIN (SN 51589 and Before)	1
10	270547	SCREW/TPH TF TORX M6-1.00X40	4	31	809445	ROAD LIGHT KIT - FIELD INSTALLED (EU - includes Ref. Nos. 1-25)*	1
11	651670	FW 1/4 BWZY	4		809446	ROAD LIGHT KIT - FIELD INSTALLED (Domestic - includes Ref. Nos. 1-24)*	1
12	651707	LN INST FL M10-1.50 C8 ZY DIN6926	4	32	50301318	KIT/ BRAKELIGHT SWITCH AL3/4/ 500 (not shown) (upgrades machines SN 51589 and Before to proximity switch)	1
13	656010	CS M10-1.5X40 C8.8 ZY DIN931	4				
14	275105	BRKT/LT FRT LIGHT	1				
15	201229	PY21W12V AMBER BULB	2				
16	201230	H755W12V HALOGEN BULB	2				
17	201231	T4W12W INCANDESCENT LAMP	2				
18	201233	H355W12V HALOGEN BULB	2				
20	420-35602	RELAY (brake lights)	1				
21	176681	SCREW/TPH TF TORX M6-1.00X16 CZY	1				
22	271546	HARNESS/TAIL LIGHT	1				

* NOTE: Field installed kits, Ref. No. 31, include proximity
brake light switch and necessary upgrade components for older
machines.

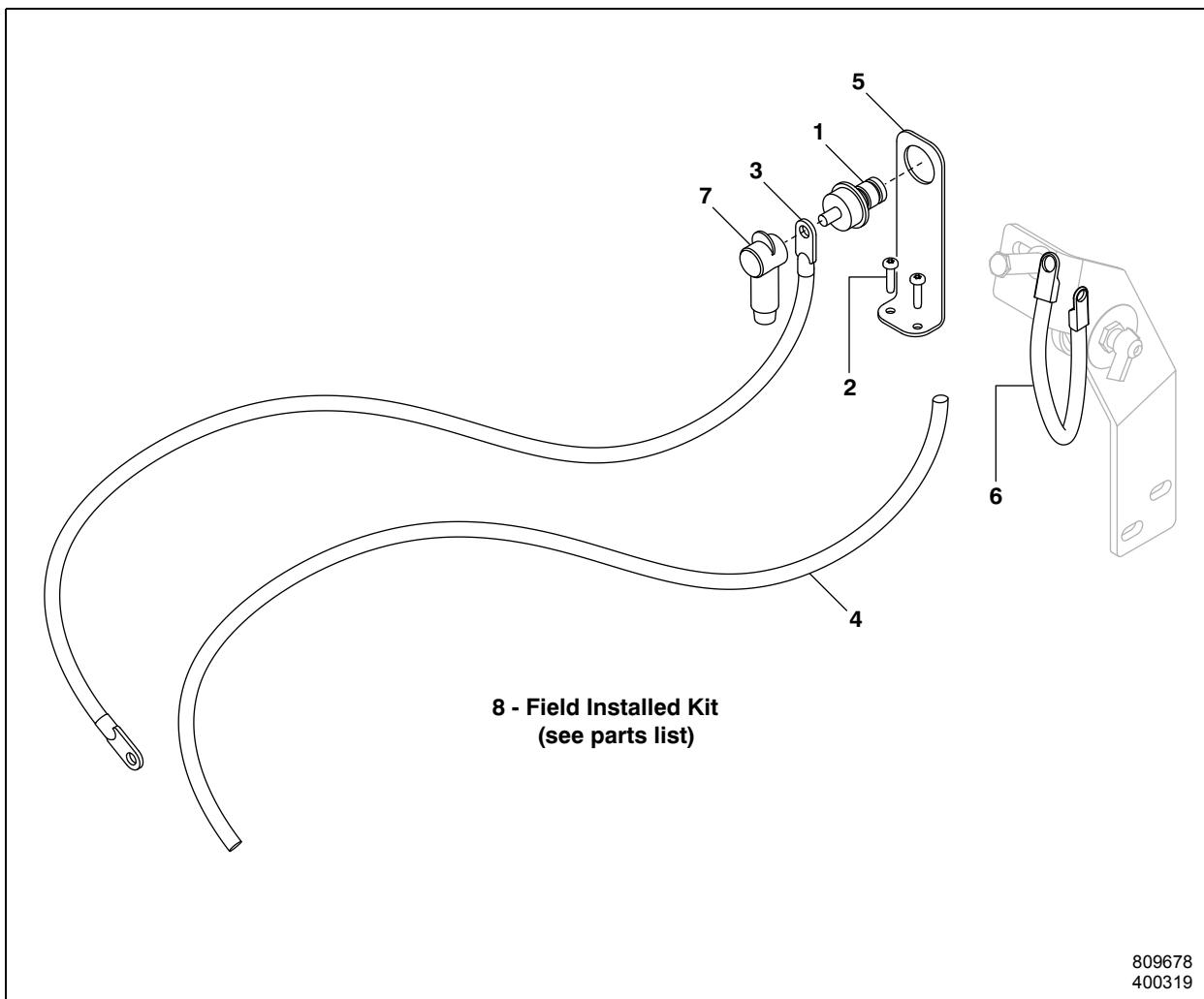
AL 540 - RADIO
RADIO KIT - 809574 (DOMESTIC, W/CAB ONLY)



809574

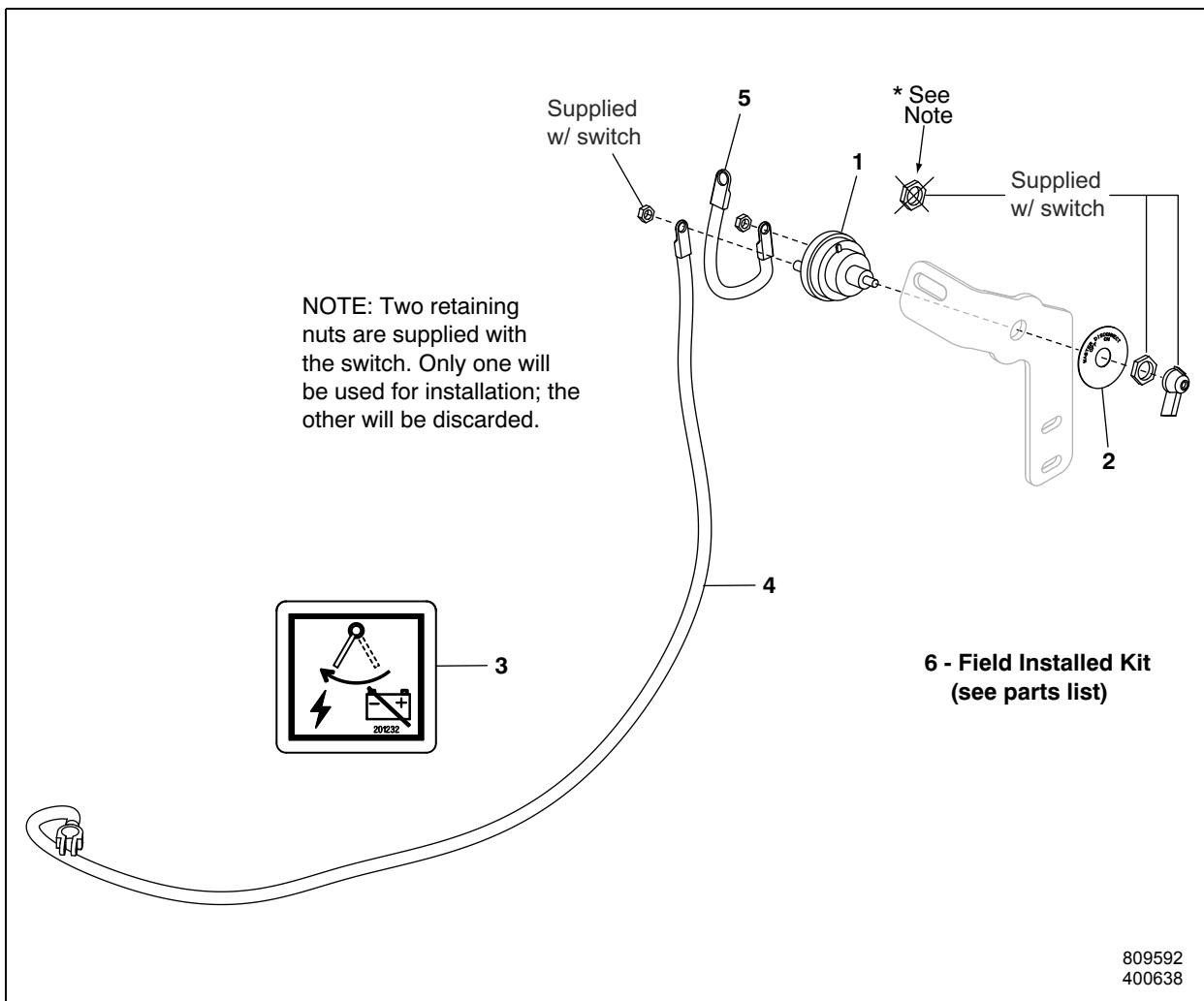
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	184507	ANTENNA/RADIO		1	12		#10 SS LOCKWASHER *		3
2	192454	RADIO/AM-FM-WB (includes bracket and additional hardware)		1	13		AUXILIARY INPUT CORD *		1
3	192764	SPEAKER/PAIR/3.5" (includes two complete speaker/bracket assemblies)		1	14		THUMBSCREW, SPEAKER BRACKET **		4
4	274113	HARNESS/RADIO (includes 3A replaceable fuse)		1	15		SPEAKER MOUNTING BRACKET **		2
5	274356	BRACKET/HEADPHONE		1			*	Supplied with radio; not sold separately	
6	650936	RHMS SLT# 832X1/2 CZY		8			**	Supplied with speakers; not sold separately	
7	656179	FW M6 ZY DIN125		4			NOTE:	Quantities shown in the parts listing are quantities needed for installation. Additional hardware or components may be included in packaging, but not used for this installation.	
8		BRACKET, RADIO MOUNTING *		1					
9		M4X.7X8 SS SCREWS W/ WASHER *		4					
10		10-32X5/8 IN. SS PPH SCREWS *		3					
11		10-32 SS NUT *		3					

AL 540 - RADIO
REMOTE BATTERY TERMINAL KIT (DOMESTIC-STD, EU-OPTION))



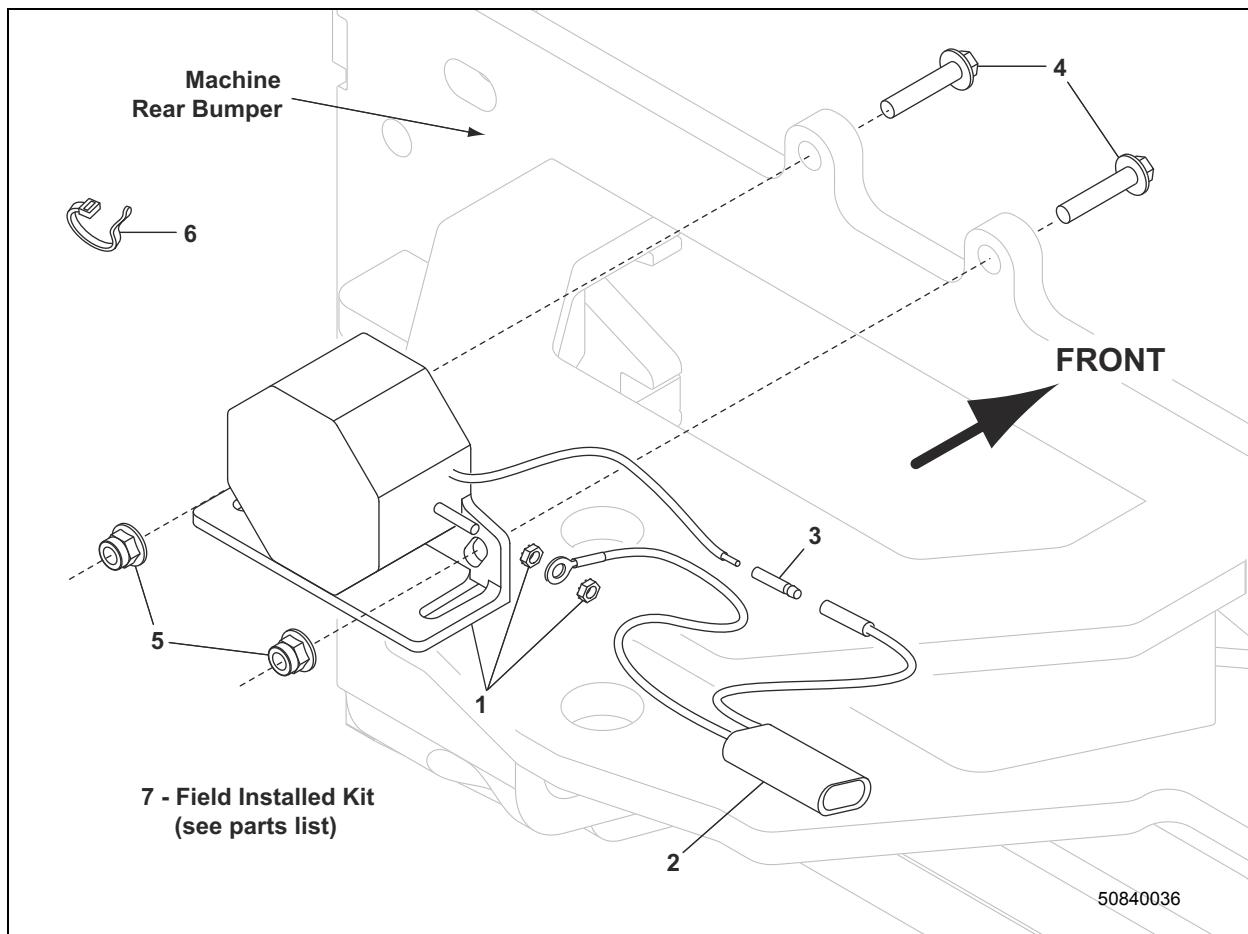
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	137425	TERMINAL/REMOTE RED (includes nuts and terminal cap/cover - not shown)	1		8	809678	KIT/REMOTE BAT TERM (Field Installed Kit, includes all parts on page)	1	
2	176682	SCREW/TPH TF TORX M6-1.00X25 CZY	2						
3	190758	CABLE/BAT/REMOTE TERM	1						
4	190761	LOOM/BATTERY CABLE (used on Ref. No. 3 cable)	1						
5	274296	BRACKET/REMOTE TERM	1						
6	274408	CABLE/GROUND	1						
7	274410	BOOT/INSULATOR (used on Ref. No. 3 cable)	1						

AL 540 - RADIO
BATTERY DISCONNECT (EU-STD, DOMESTIC-OPTION)



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	091666		SWITCH, DISCONNECT (includes hardware and knob)	1	5	274408	CABLE/GROUND		1
2	091667		PLATE, FACE	1	6	809592	BATTERY DISCONNECT KIT, DOMESTIC (Field Installed Kit, includes all parts on page)		
3	201232		DECAL/BAT DISCONNECT	1					
4	272379		CABLE/BATTERY GROUND	1					

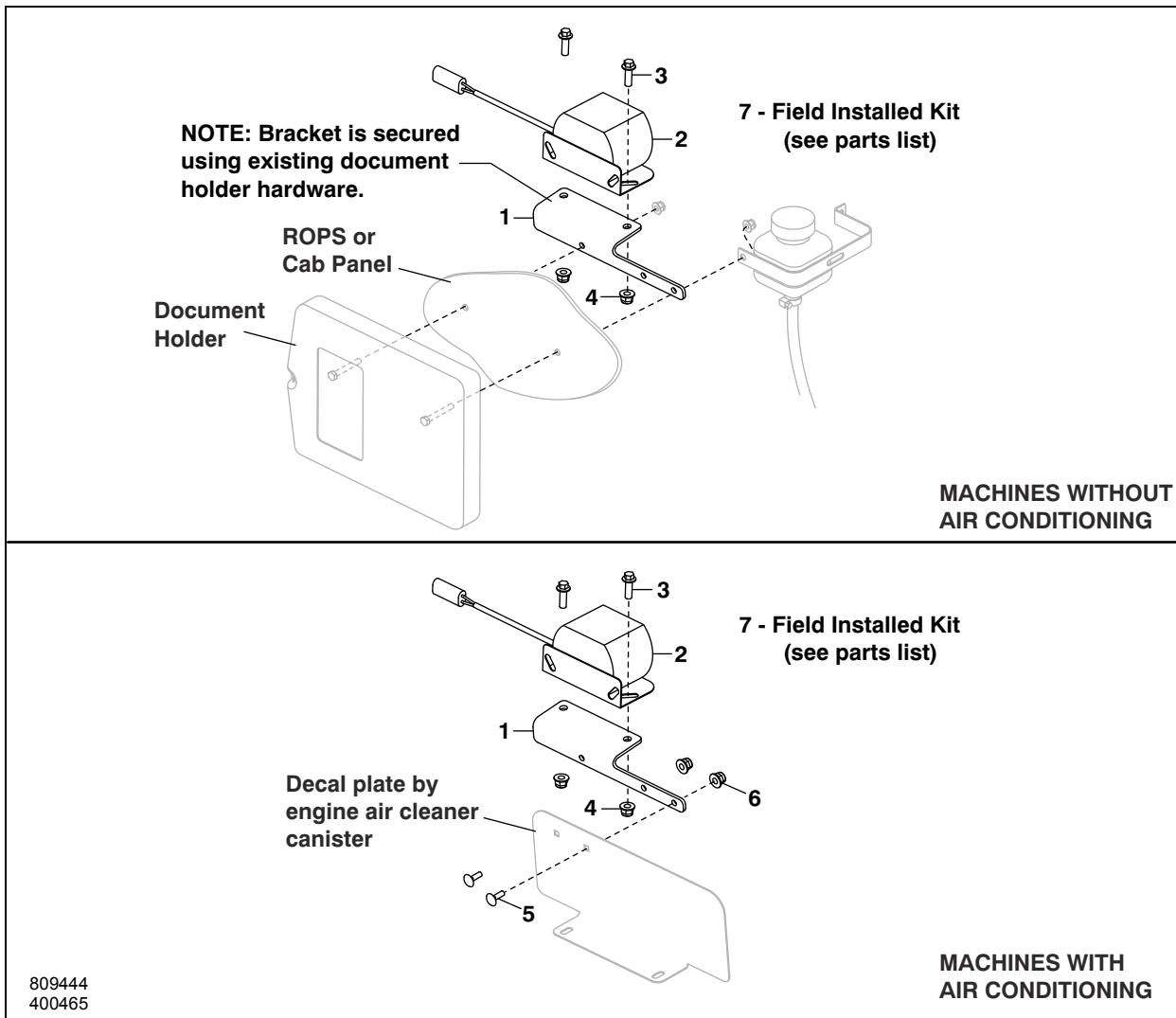
**AL 540 - RADIO
BACKUP ALARM KIT (OPTION) (SN 51590 AND UP)**



Ref.

No.	Part No.	Description	Qty.
1	420-35049	ALARM, REVERSE	1
2	50301536	HARNESS/BACKUP ALARM	1
3	L60956	.157 MALE BULLET	1
4	651759	CS FL M6-1.00X30 C8.8 ZY DIN1662	2
5	651705	LN INST FL M6-1.00 C8 ZY DIN6926	2
6	055648	TIE/CABLE .19 X 7.50 BLACK	2
7	50840036	KIT/BACKUP ALARM AL2/3/4/500 (Field Installed Kit, includes all parts on page)	1

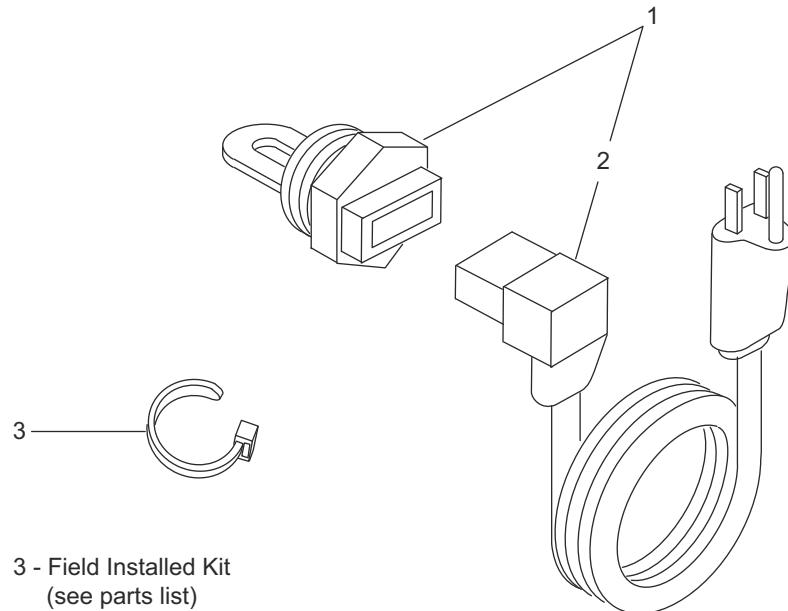
AL 540 - RADIO
BACKUP ALARM KIT (OPTION) (SN 51589 AND BEFORE)



Ref.

No.	Part No.	Description	Qty.
1	176636	BRACKET/BACKUP ALARM	1
2	271213	ALARM/SMART BACKUP	1
3	651695	CS FL M8-1.25X25 C8.8 ZY DIN1662	2
4	651706	LN INST FL M8-1.25 C8 ZY DIN6926	2
5	651690	CB M6-1.00X20 C8.8 ZY DIN603 (machines with air conditioning)	2
6	651705	LN INST FL M6-1.00 C8 ZY DIN6926 (machines with air conditioning)	2
7	809444	KIT/BACKUP ALARM (Field Installed Kit, includes all parts on page)	1

**AL 540 - RADIO
BLOCK HEATER KIT (OPTION - DOMESTIC ONLY)**



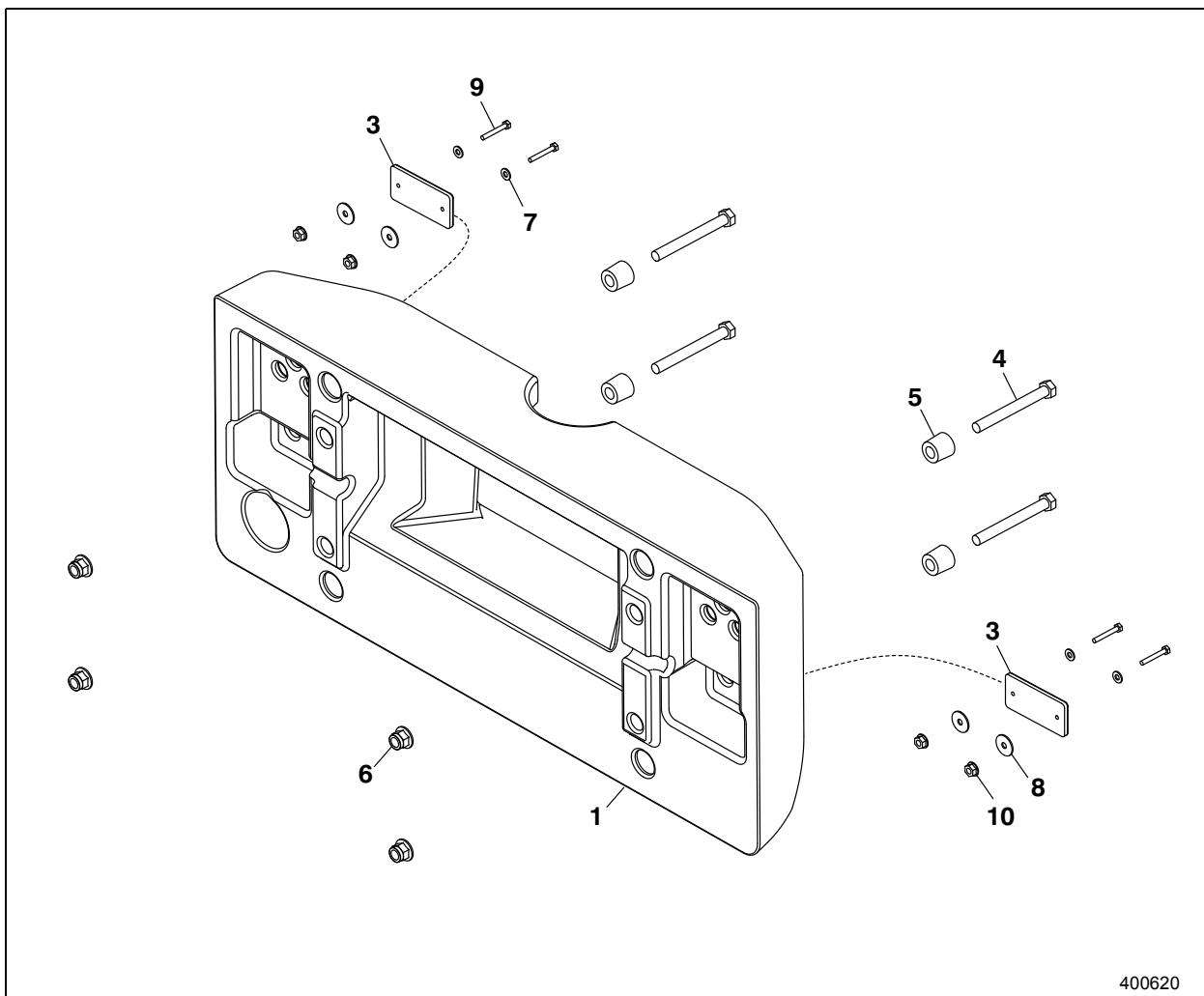
3 - Field Installed Kit
(see parts list)

809585

Ref.

No.	Part No.	Description	Qty.
1	121480	HEATER/BLOCK (227-2148) PHIL-LIPS	1
2	121481	CORD/HEATER	1
3	055648	TIE/CABLE .19 X 7.50 BLACK	3
4	809586	HEATER KIT (INST) (Field Installed Kit, includes all parts on page)	

**AL 540 - RADIO
REAR BUMPER**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	273462	BUMPER/REAR		1	7	651714	FW M4 ZY DIN125		4
3	176711	REFLECTOR - RED		2	8	651670	FW 1/4 BWZY		4
4	656023	CS M12-1.75X110 C8.8 ZY DIN931		4	9	651692	CS M4-0.7X30 C8.8 ZY DIN931		4
5	176877	TAPERED PLUG		4	10	651704	LN INST M4-0.7 C8 ZY DIN6924		4
6	651708	LN INST FL M12-1.75 C8 ZY DIN6926		4					