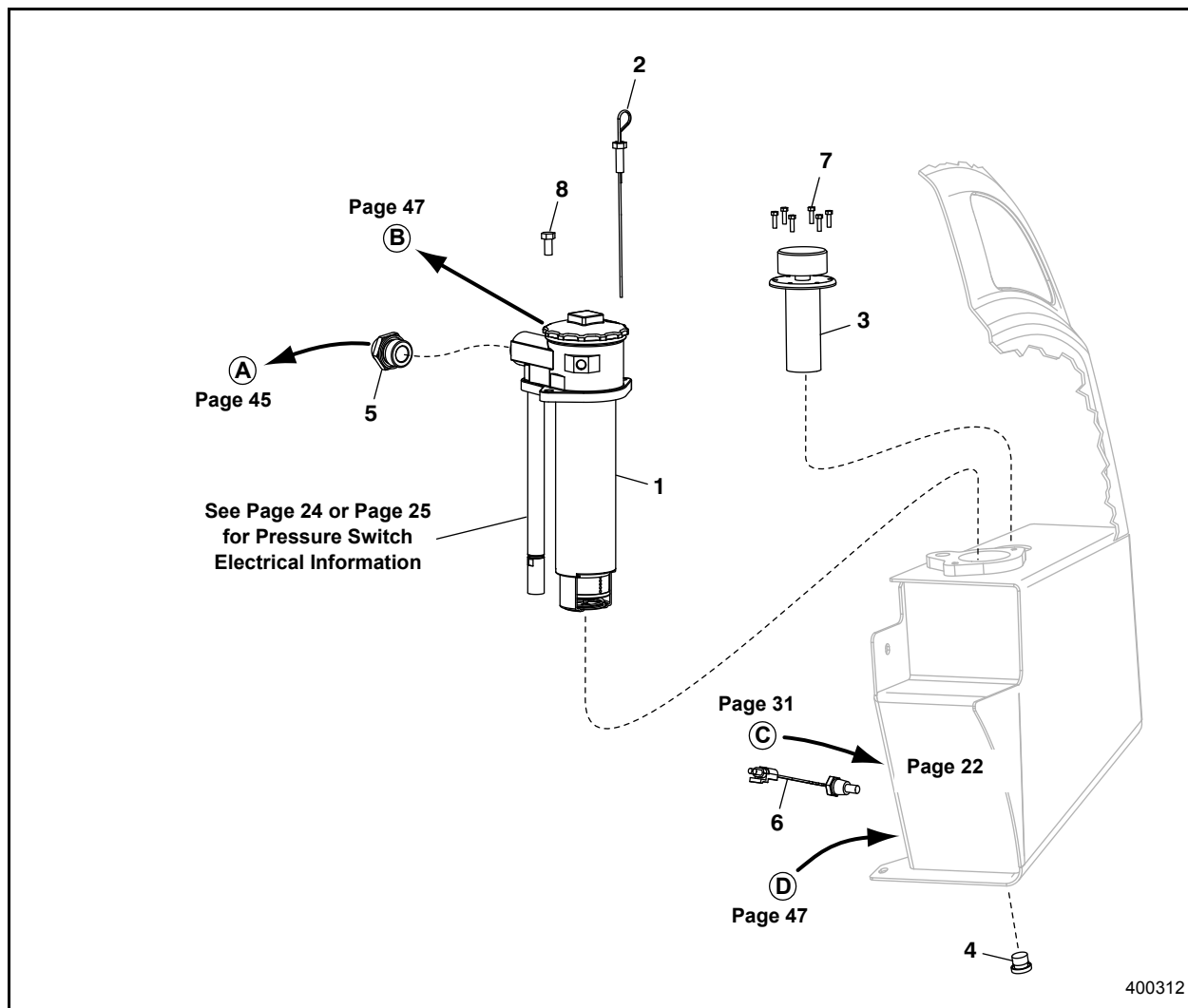


AL 540 - HYDRAULICS

HYDRAULIC TANK



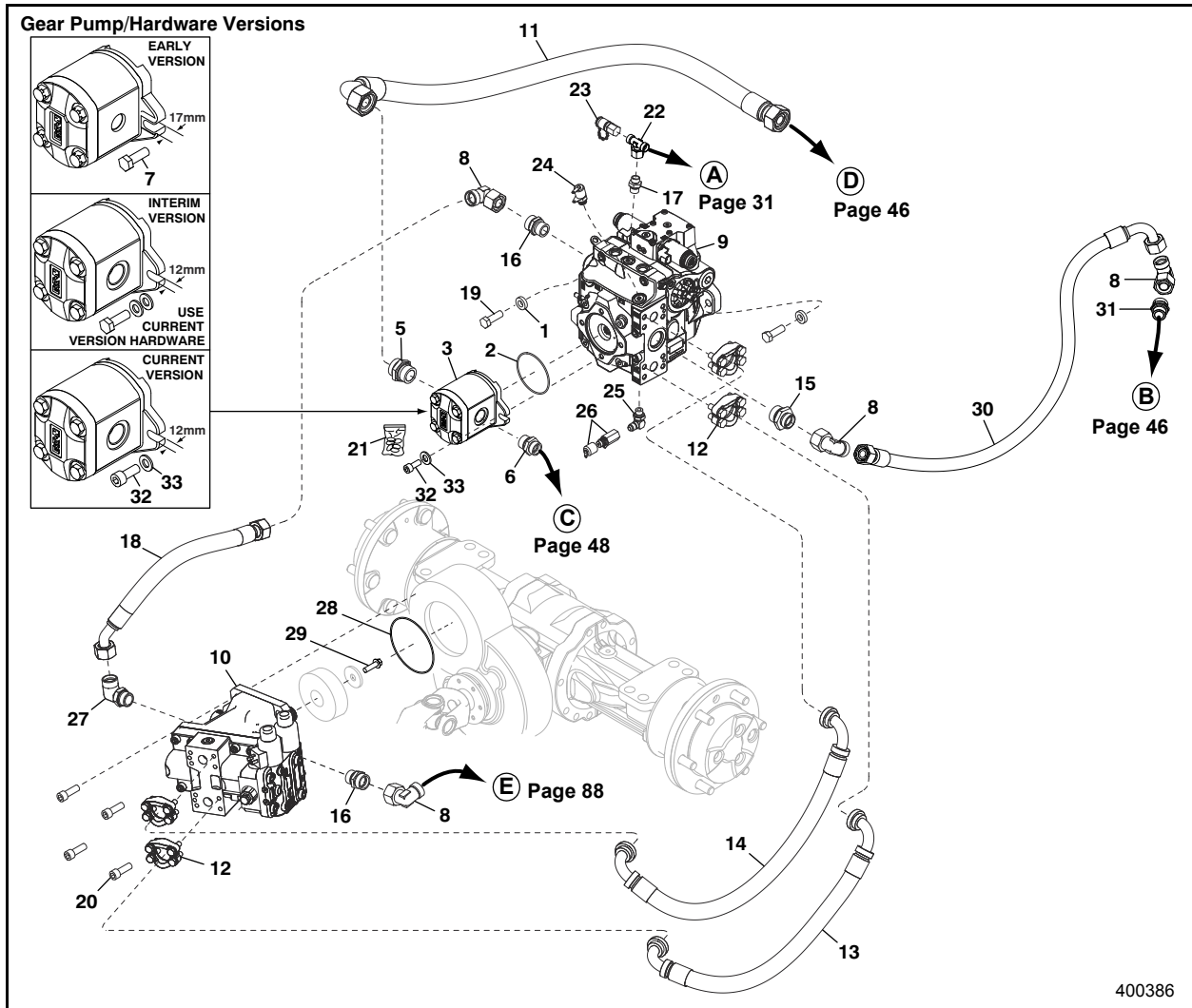
Ref. No.	Part No.	Description	Qty.
1	274912	FILTER/RETURN See page 3 for individual components	1
2	175921	BOLT/DIPSTICK	1
3	175922	BREATHER	1
4	176510	HPM MBSP12 (DRAIN PLUG) **	1
5	176885	STM M24C22 MBSP01 **	1
6	271461	SWITCH/TEMP 215 AF (SN 50241 - 51241)	1
	191322	SWITCH/TEMP/215F (SN 50240 and before)	1

Ref. No.	Part No.	Description	Qty.
7	651521	CS M5-0.8X16 C8.8 ZY DIN931	6
8	656006	CS M10-1.5X20 C8.8 ZY DIN931	1

* See Page 90 for hose/o-ring information.

** See Page 89 for o-ring/seal/description information.

AL 540 - HYDRAULICS HYDRAULIC DRIVE



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	093362	FW 17/32	2	20	651483	SHCS M12-1.75X35 C10.9 ZY DIN912	4
2	129933	O-RING -152 70 DUR	1	21	270671	KIT/SEAL	1
3	230186	KIT/PUMP/GEAR 1.22 **** (Includes ref. nos. 32, 33)	1	22	176367	TEM SV BR F24C10 M24C10 **	1
5	176375	STM M24C28 MBSPP01 **	1	23	270236	DIAGNOSTIC/MALE **	1
6	176532	STM M24C18 MBSPP34 **	1	24	193562	TEST PORT-9/16-18 UNF	1
7	201181	CS M10-1.50X30 C8.8ZY (see inset graphic above for usage)	2	25	068938	ELBOW/90° ADJUSTABLE	1
8	270069	90M SV F24C22 M24C22 **	3	26	104378	TEST PORT/-6 JICM	1
9	270201	PUMP/AXIAL PISTON	1	27	272380	90M AJ M24C22 MAORB12 **	1
10	270245	MOTOR/BENT AXIS	1	28	203890	O-RING/2-250X70BN	1
11	270294	HOSE/LP 16 X 1213MM *	1	29	651698	CS FL M10-1.50X35 C8.8 ZY DIN1662	1
12	270359	DIN FLANGE KIT/-12 CD 62	4	30	201094	HOSE/LP 12 X 1118MM *	1
13	270391	HOSE/HP 12 X 640MM *	1	31	176376	ST MC22-MBSPP12-L **	1
14	270392	HOSE/HP 12 X 765MM *	1	32	271915	SHCS M10-1.5X25 C8.8 ZY SP DIN912 (see inset graphic above for usage)	2
15	270414	STM M24C22 MORB16 **	1	33	656133	FW M10 ZY DIN125 (see inset graphic above for usage)	2
16	270415	STM M24C22 MORB12 **	2				
17	270416	STM M24C10 MORB06 **	1				
18	271999	HOSE/MP 12 X 457MM *	1				
19	650453	CS 1/2X1-1/2 C5ZY ***	2				

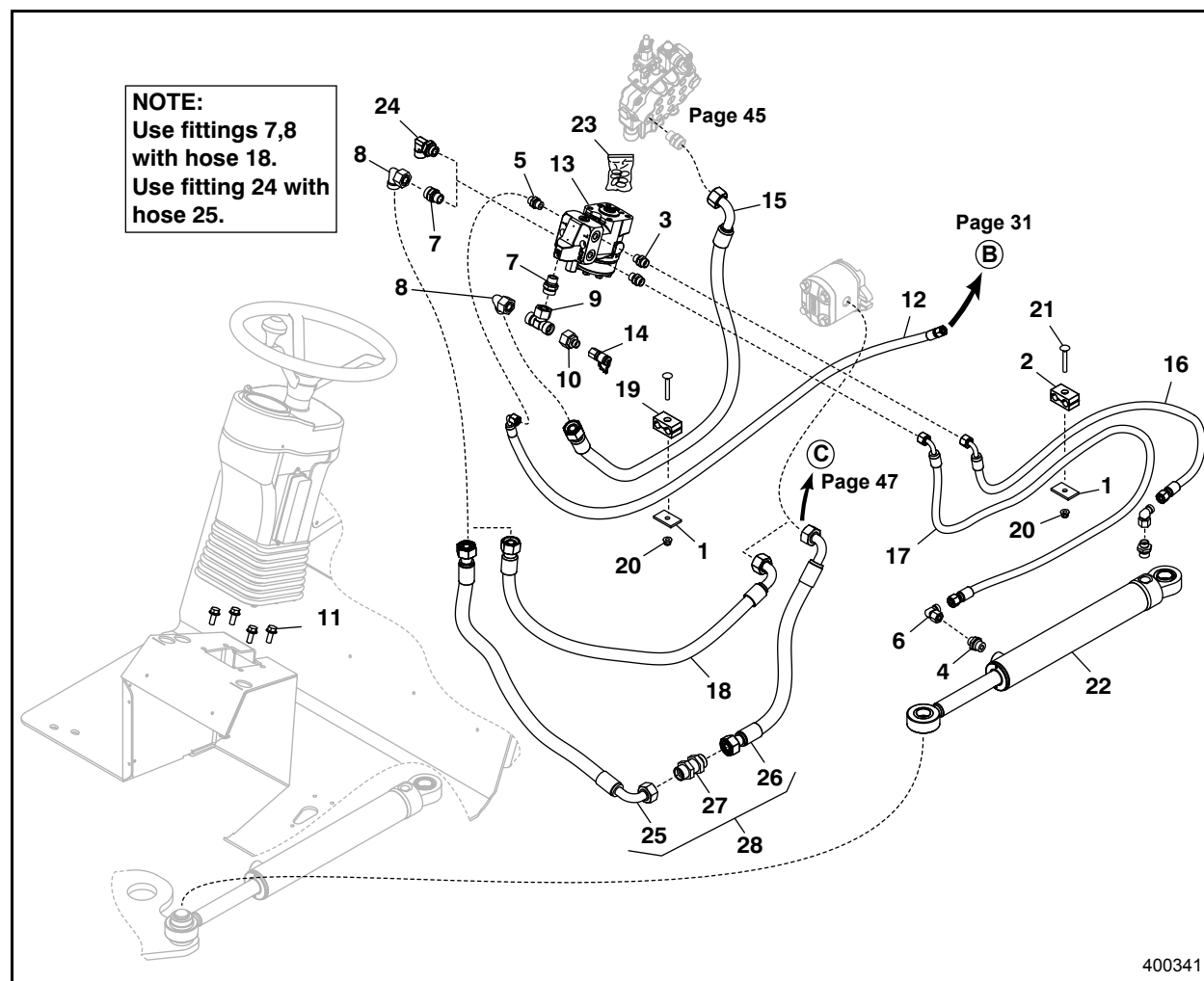
* See Page 90 for hose/o-ring information.

** See Page 89 for o-ring/seal/description information.

*** Re-use of bolts requires Loctite® 262 or equivalent.

**** Service replacement for Gear Pump 176274.

AL 540 - HYDRAULICS POWER STEERING



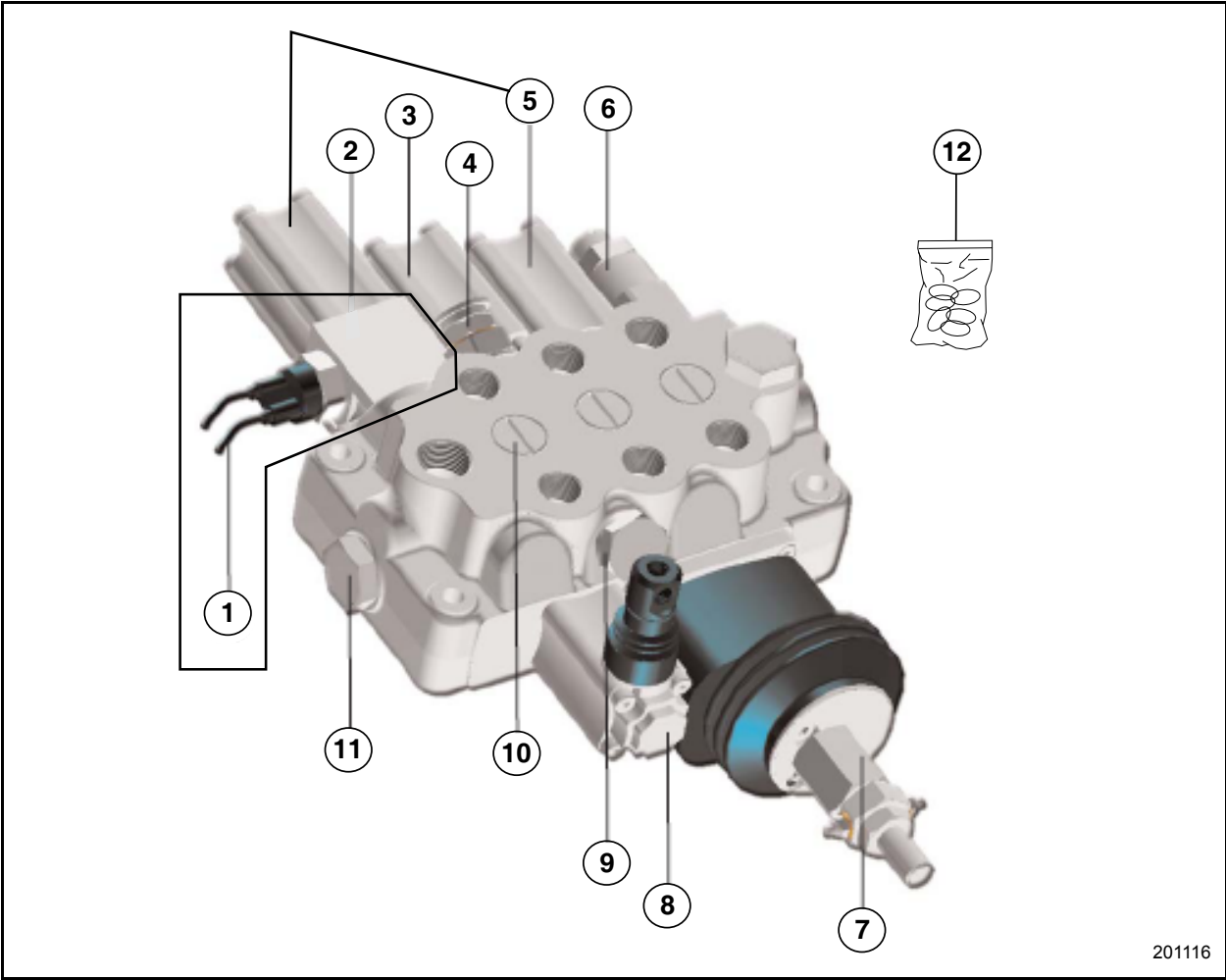
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	079098	PLATE/TWIN COVER	2	16	270291	HOSE/MP 6 X 1245MM *	1
2	L69832	CLAMP BODY/ 2D .62" TWIN TUBE	1	17	270292	HOSE/MP 6 X 1702MM *	1
3	176355	STM M24C12 MBSPP38 **	2	18		HOSE/MP 10 X 965MM (Early SN) (see Ref. 28)	1
4	176356	STM M24C12 MBSPP12 **	2	19	271283	CLAMP PAIR/TWIN 23MM	1
5	176358	STM M24C10 MBSPP38 **	1	20	651706	LN INST FL M8-1.25 C8 ZY DIN6926	2
6	176365	90M SV F24C12 M24C12 **	2	21	651727	CB M8-1.25X60 C8.8 ZY DIN603	2
7	176370	STM M24C18 MBSPP12 ** (Later SN)	1	22	175830	CYL/HYD/STEERING	1
	176370	STM M24C18 MBSPP12 ** (Early SN)	2	23	202671	KIT/SEAL	1
8	176371	90M SV F24C18 M24C18 ** (Later SN)	1	24	271636	90M AJ M24C18 MABSPP12 ***	1
	176371	90M SV F24C18 M24C18 ** (Early SN)	2	25	274367	HOSE/MP 10 X 870MM *	1
9	176525	TEM SV BR F24C18 M24C18 **	1	26	271524	HOSE/MP 10 X 490MM *	1
10	176541	STM SV RD F24C18 M24C10 **	1	27	176503	STM BK M24C18 M24C18	1
11	176653	CS FLH M10-1.5X25 C8.8ZY SP DIN1665	4	28	203904	KIT/STEERING HOSE (Replaces 18) (Includes Ref. Nos. 25, 26 & 27. Weld- on bulkhead fitting bracket (for retrofit) and detailed instructions included with kit.)	1
12	274351	HOSE/MP 5 X 2235MM * (Later SN)	1				
	176763	HOSE/MP 5 X 1422MM * (Early SN)	1				
13	201114	VALVE/STEERING	1				
14	270236	DIAGNOSTIC/MALE	1				
15	270290	HOSE/MP 10 X 1080MM *	1				

* See Page 90 for hose/o-ring information.

** See Page 89 for o-ring/seal/description information.

*** Replaces 176370 & 176371 in pressure port.

AL 540 - HYDRAULICS
3-SPOOL CONTROL VALVE



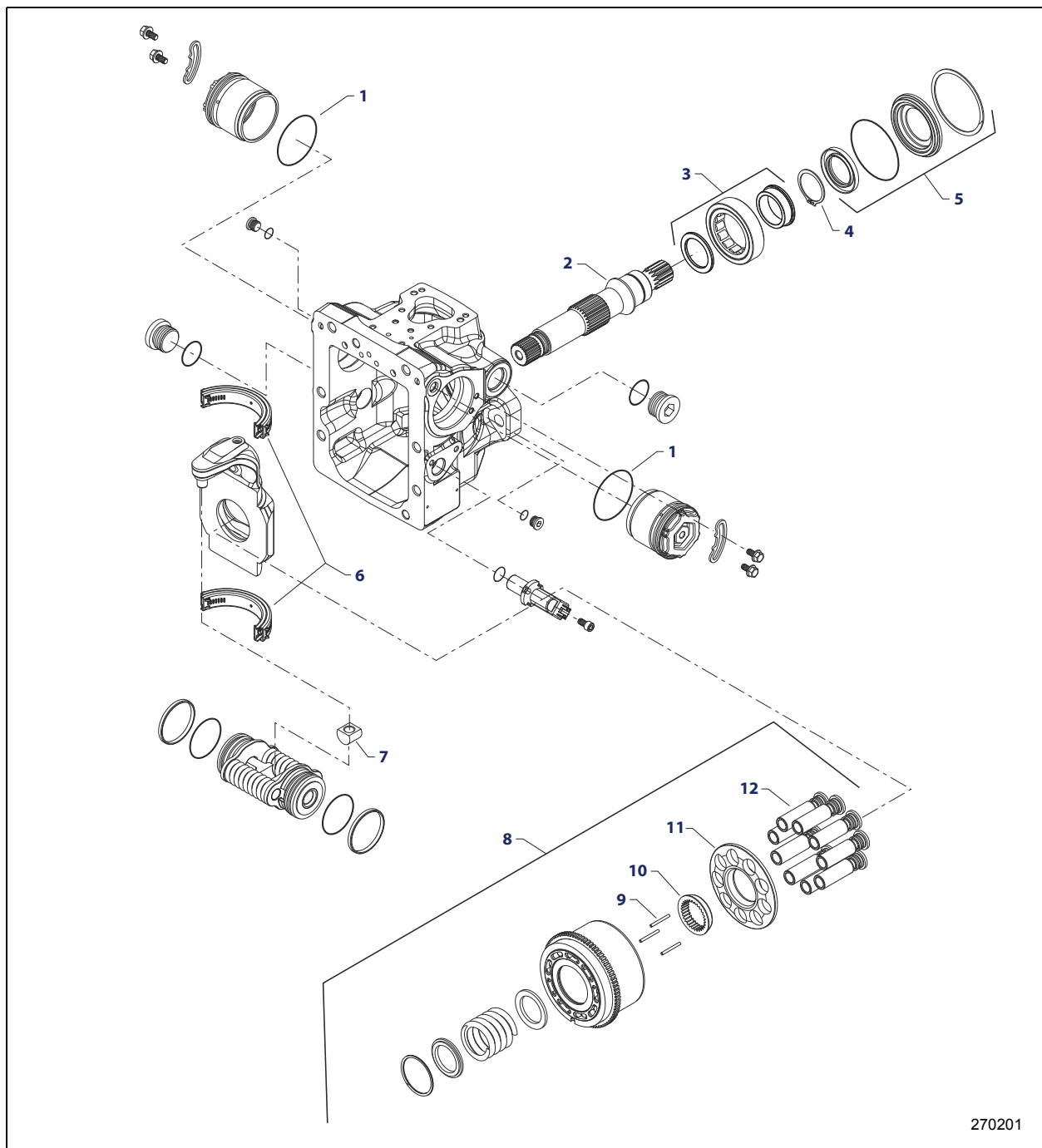
201116

Ref. No.	Part No.	Description	Qty.
1	203892	SWITCH	1
2	203893	SWITCH KIT COMPLETE	1
3	203894	FLOAT OUT DETENT KIT	1
4	203895	ANTISHOCK VALVE 105 BAR (1523 PSI)	1
5	203896	FLOAT IN DETENT KIT	1
6	203897	DIRECT-ACTING RELIEF VALVE 215 BAR (3118 PSI)	1
7	203898	JOYSTICK CONTROL W/BOOT	1

Ref. No.	Part No.	Description	Qty.
8	203899	LEVER BOX W/O LEVER	1
9	203900	PORT RELIEF CAVITY PLUG	1
10	203901	CHECK VALVE	3
11	203902	PLUG KIT 1/2" BSP	2
12	203903	SEAL KIT COMPLETE	1

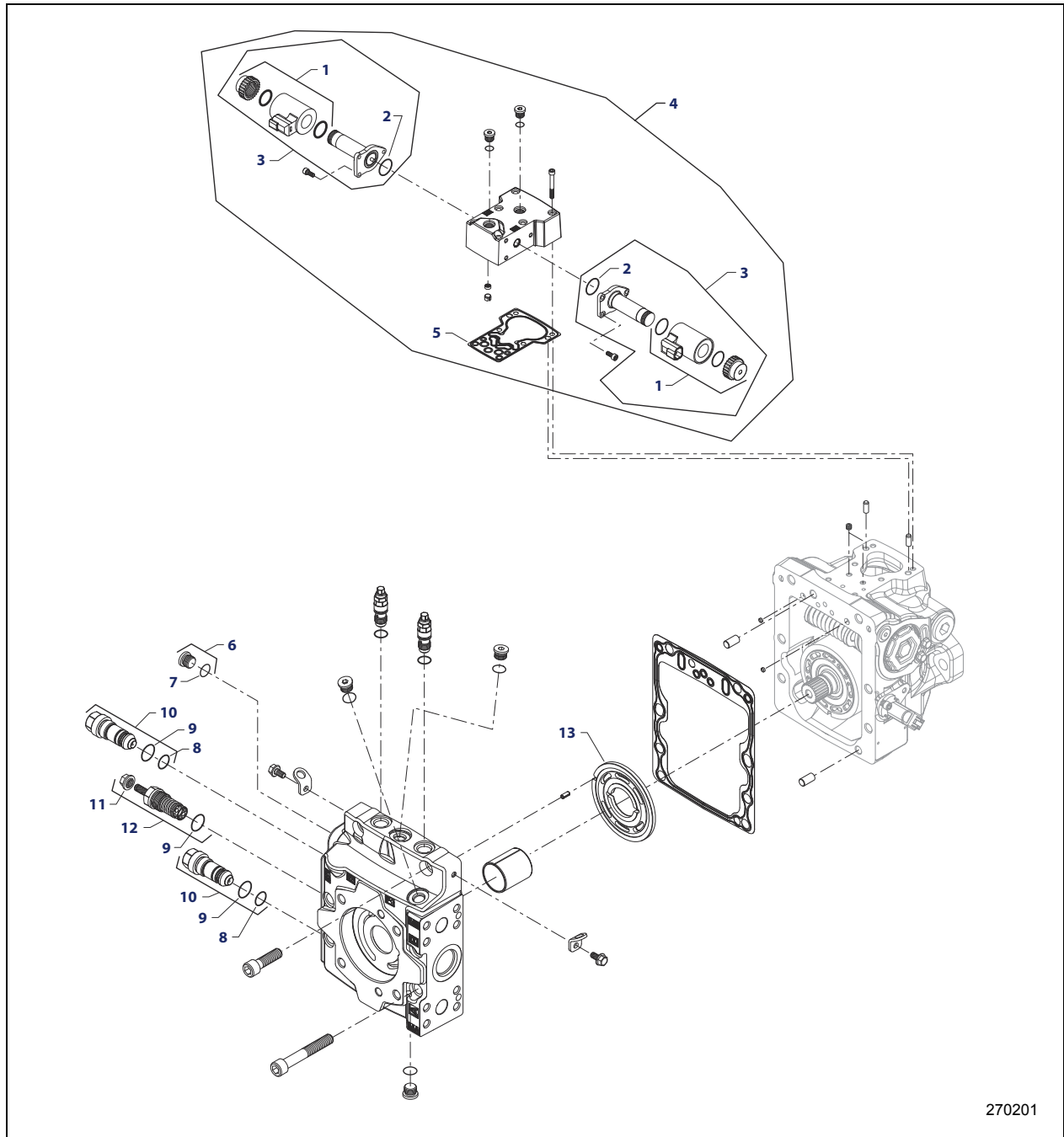
AL 540 - HYDRAULICS

AXIAL PISTON HYDRAULIC PUMP



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204482	O-RING	2	8	204472	CYLINDER BLOCK KIT W/SPEED RING	1
2	204478	SHAFT	1	9	204481	SLIPPER HOLD-DOWN PIN	3
3	204483	ROLLER BEARING	1	10	204473	SLIPPER RETAINER GUIDE	1
4	198015	RETAINING RING	1	11	204477	SLIPPER RETAINER	1
5	204480	SHAFT SEAL KIT	1	12	204471	PISTON ASSEMBLY KIT	1
6	204479	SWASHPLATE BEARING KIT	1	13	204468	OVERHAUL SEAL KIT (not shown)	1
7	204476	SLIDER BLOCK	1				

AL 540 - HYDRAULICS AXIAL PISTON HYDRAULIC PUMP



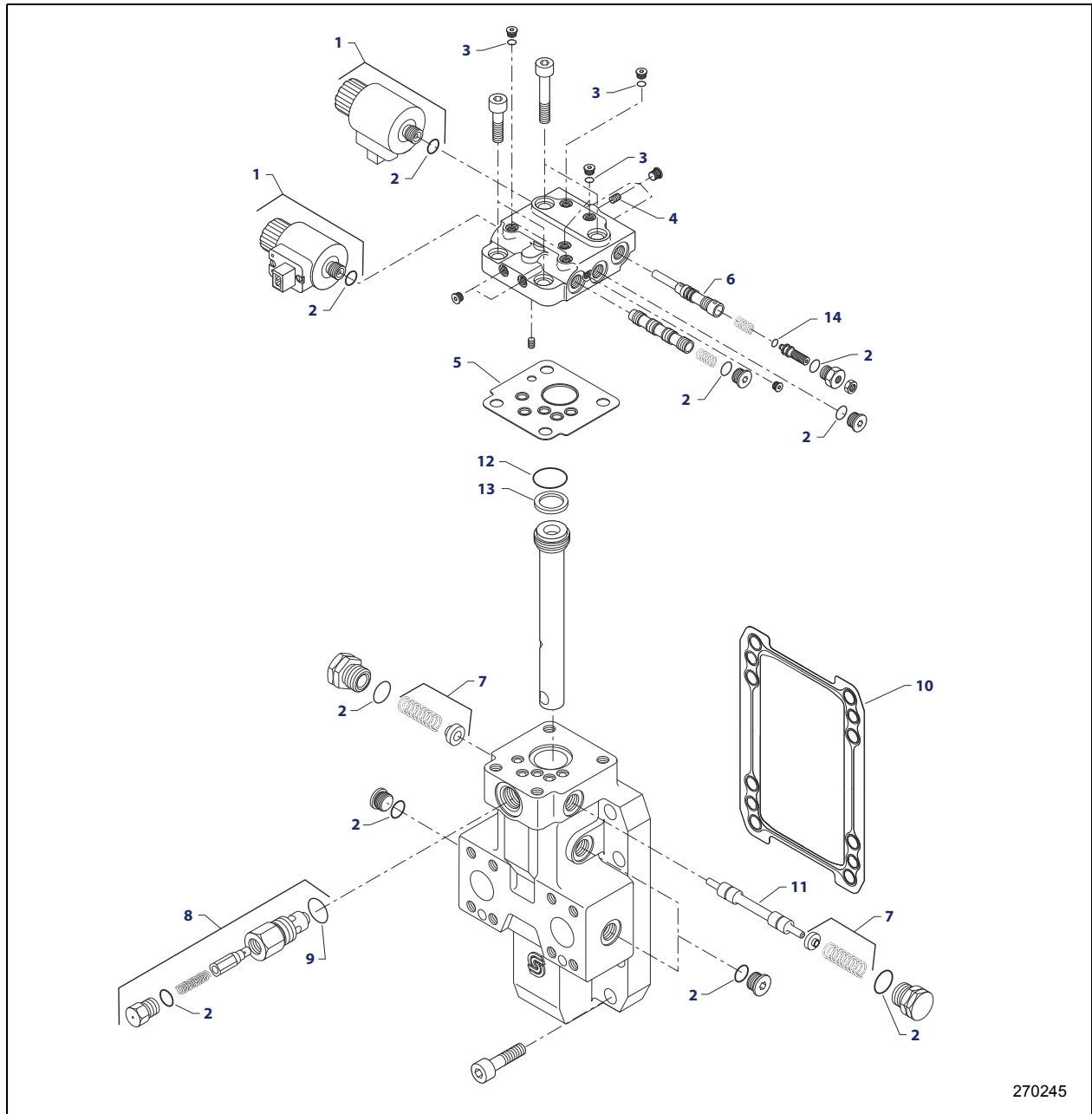
270201

Ref. No.	Part No.	Description	Qty.
1	204465	O-RING	2
2	230017	COIL KIT	2
3	204474	SOLENOID VALVE	2
4	204467	NFPE CONTROL KIT, 12 VOLT	1
5	230018	GASKET	1
6	230012	PLUG ASSEMBLY	1
7	204464	O-RING	1

Ref. No.	Part No.	Description	Qty.
8	204475	O-RING	2
9	602423	O-RING	3
10	204466	RELIEF VALVE, 450 BAR	2
11	230010	SEAL NUT	1
12	204469	CHARGE RELIEF VALVE KIT	1
13	204470	VALVE PLATE	1

AL 540 - HYDRAULICS

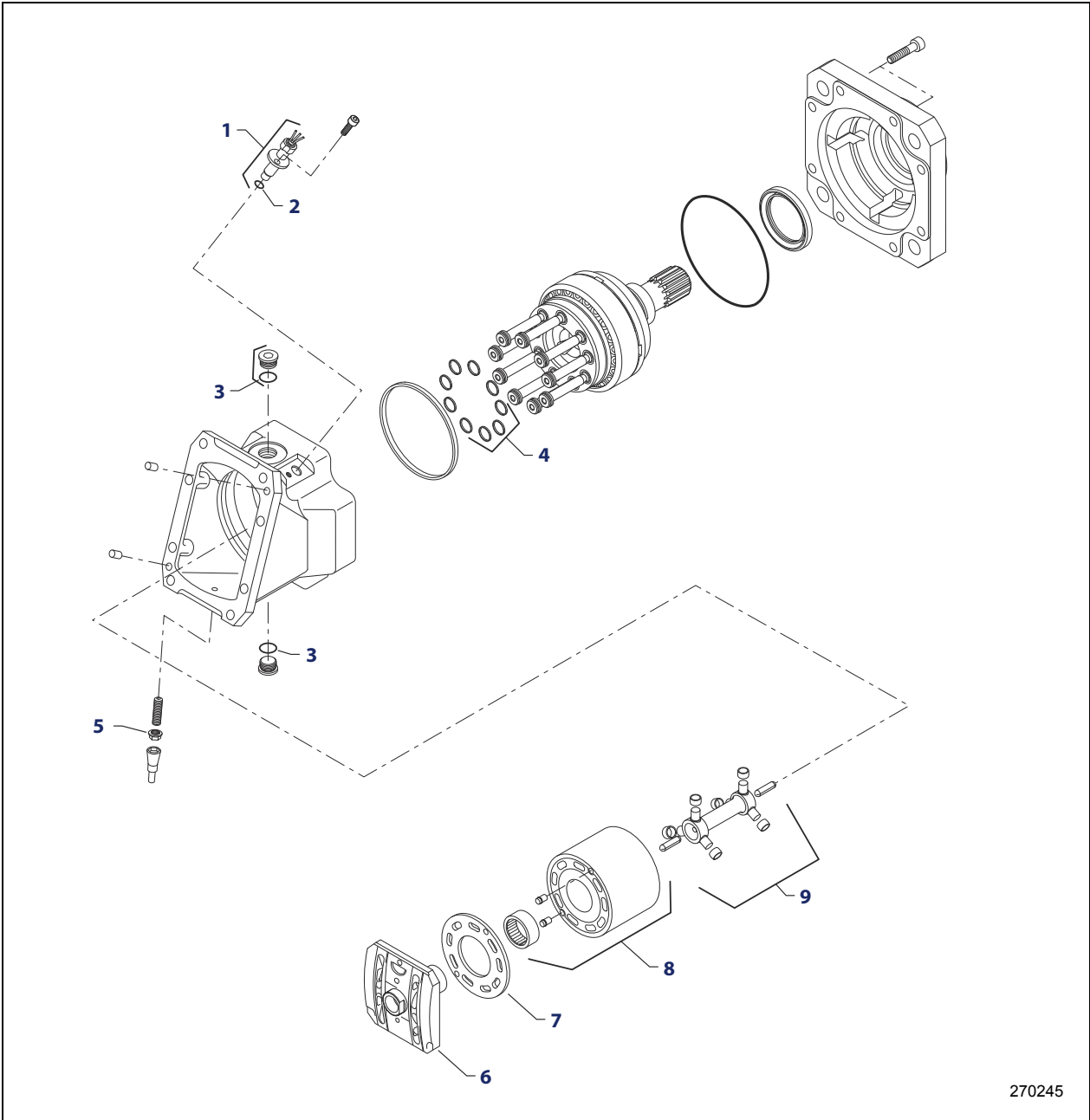
BENT AXIS MOTOR



270245

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204487	SOLENOID VALVE	2	9	602423	O-RING	1
2	204464	O-RING	10	10	230001	GASKET	1
3	230011	O-RING	11	11	230009	SHUTTLE SPOOL	1
4	230004	ORIFICE	1	12	204484	O-RING	1
5	204489	GASKET	1	13	204486	SEAL RING	1
6	230002	PISTON	1	14	230005	O-RING	1
7	204490	SPRING GUIDE ASSEMBLY	2	15	204488	OVERHAUL SEAL KIT (notshown)	1
8	230008	CHARGE RELIEF VALVE KIT	1				

AL 540 - HYDRAULICS
BENT AXIS MOTOR

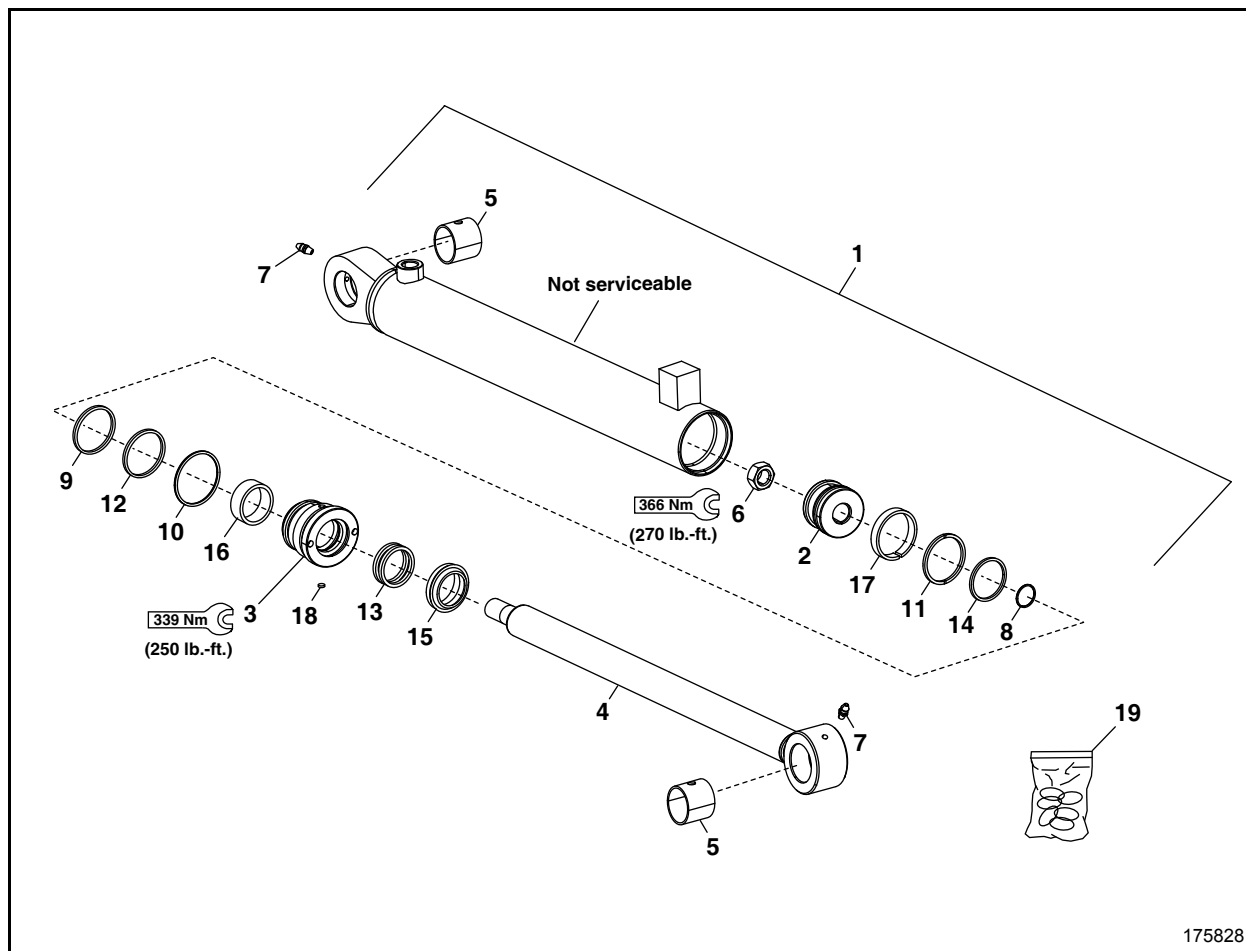


Ref. No.	Part No.	Description	Qty.
1	230019	SPEED SENSOR MOTOR	1
2	204464	O-RING	1
3	230013	O-RING	2
4	230007	PISTON RING KIT	1
5	204463	SEAL NUT	1

Ref. No.	Part No.	Description	Qty.
6	204485	VALVE SEGMENT	1
7	230000	BEARING PLATE	1
8	230006	CYLINDER BLOCK ASSEMBLY	1
9	230003	SYNCH SHAFT KIT	1

AL 540 - HYDRAULIC CYLINDERS

LIFT CYLINDER



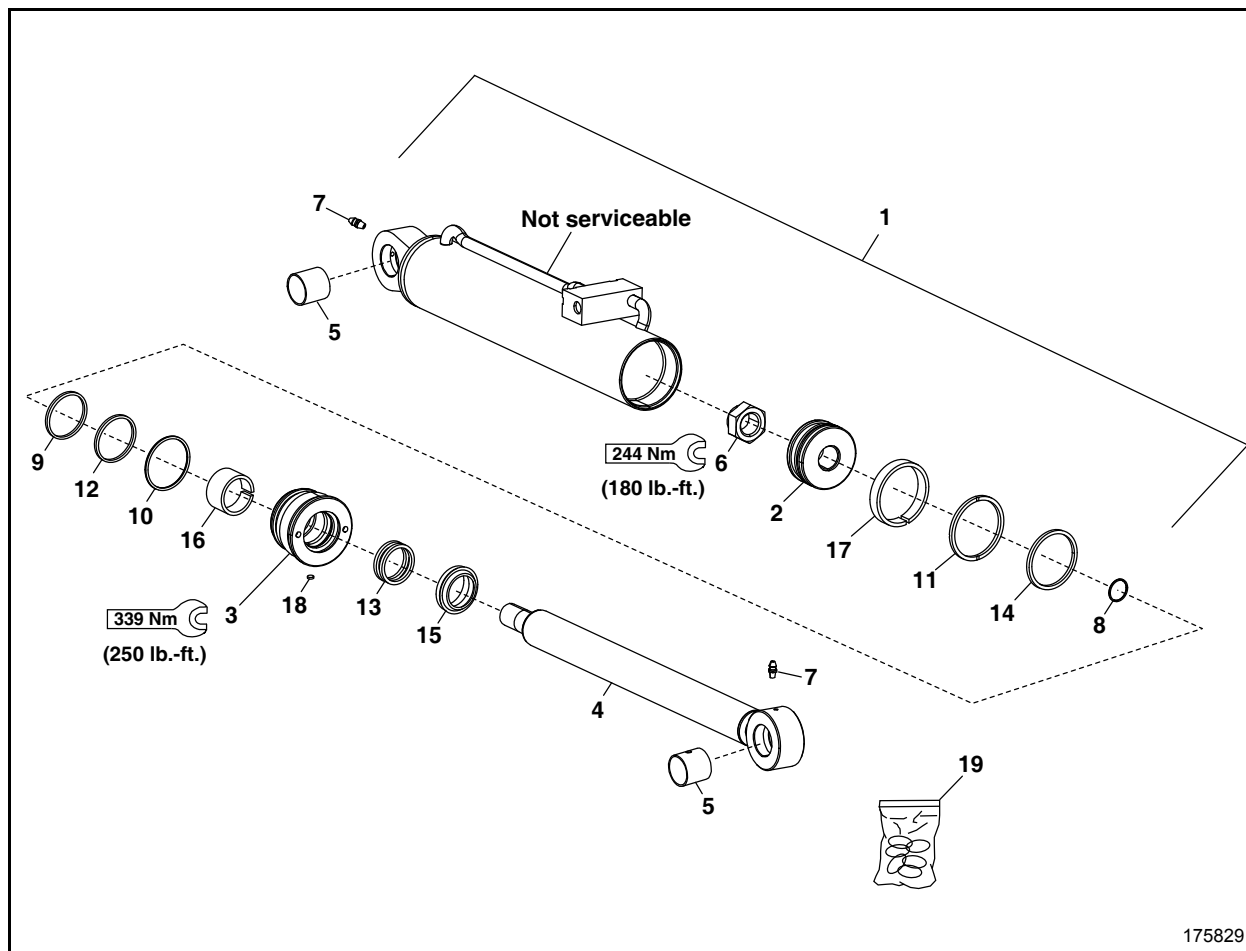
Ref. No.	Part No.	Description	Qty.
1	175828	LIFT CYLINDER COMPLETE (Includes Ref. Nos. 2-17)	1
2	124073	PISTON	1
3	270660	HEAD GLAND	1
4	270661	ROD WELDMENT	1
5	270454	PRELUBRICATED BUSHING	2
6	080313	NUT LOCK .75-16 *	1
7	613052	FITTING/GREASE M6X1	2
8		O-RING	1
9		O-RING	1
10		O-RING	1
11		SQUARE RING	1

Ref. No.	Part No.	Description	Qty.
12		BACKUP RING	1
13		DEEP Z-SEAL	1
14		SQUARE SECT. TFE PISTON SEAL	1
15		HD ROD WIPER, SEALED OD	1
16		WEARBAND	1
17		WEARBAND	1
18		LOCKING INSERT	2
19	270662	KIT/SEAL (Includes Ref. Nos. 8-18)	1

* Requires Loctite® 271 or equivalent.

AL 540 - HYDRAULIC CYLINDERS

TILT CYLINDER



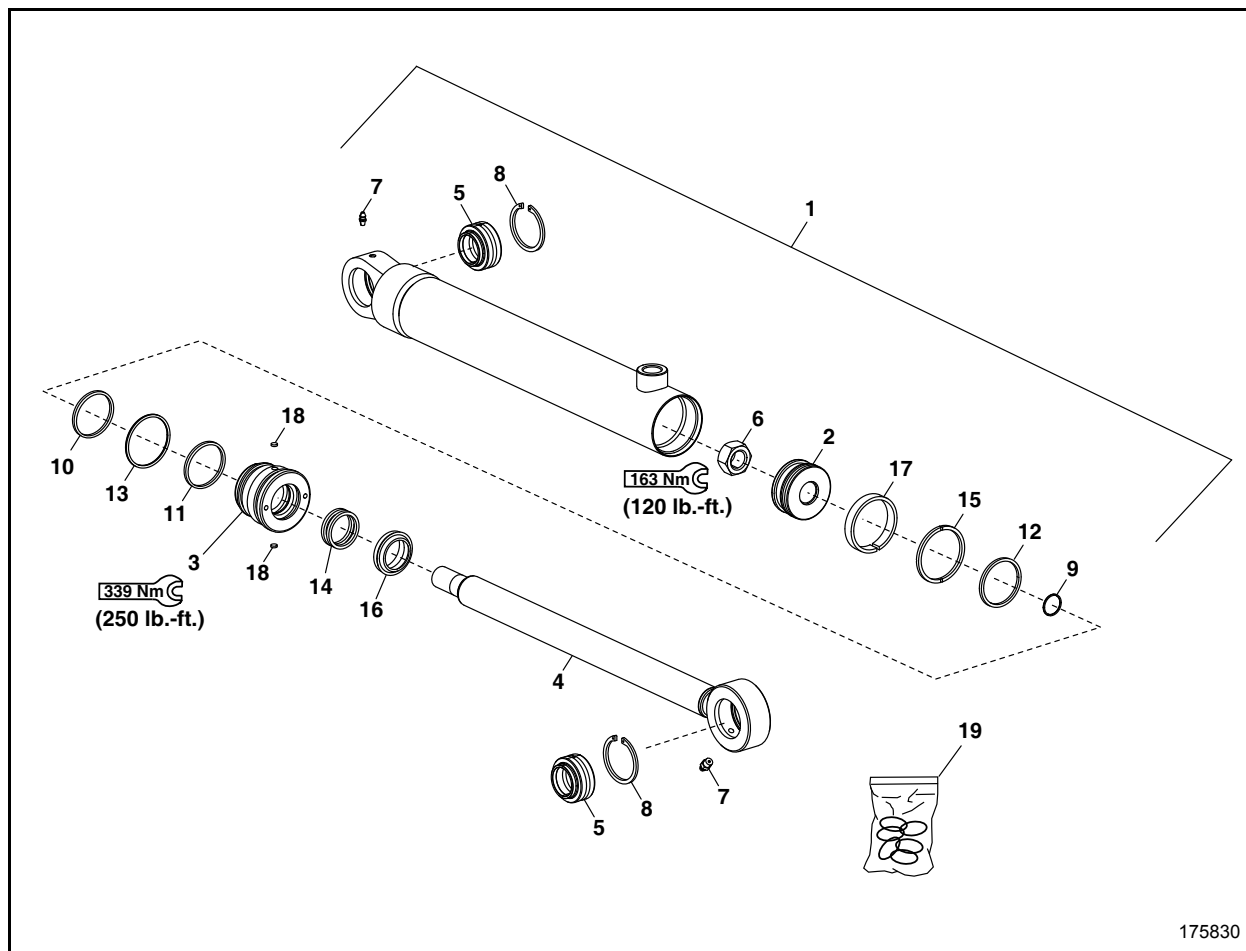
Ref. No.	Part No.	Description	Qty.
1	175829	TILT CYLINDER COMPLETE (Includes Ref. Nos. 2-18)	1
2	270664	PISTON	1
3	270665	HEAD GLAND	1
4	270666	ROD WELDMENT	1
5	270454	PRE-LUBRICATED BUSHING	2
6	L99405	LOCKNUT 1.125-12 UNF *	1
7	613052	FITTING/GREASE M6X1	2
8		O-RING	1
9		O-RING	1
10		O-RING	1
11		SQUARE RING	1

Ref. No.	Part No.	Description	Qty.
12		BACKUP RING	1
13		DEEP Z-SEAL	1
14		SQUARE SECT. TFE PISTON SEAL	1
15		HD ROD WIPER, SEALED OD	1
16		WEARBAND	1
17		WEARBAND	1
18		LOCKING INSERT	2
19	270667	KIT/SEAL (Includes Ref. Nos. 8-18)	1

* Requires Loctite® 271 or equivalent.

AL 540 - HYDRAULIC CYLINDERS

STEERING CYLINDER

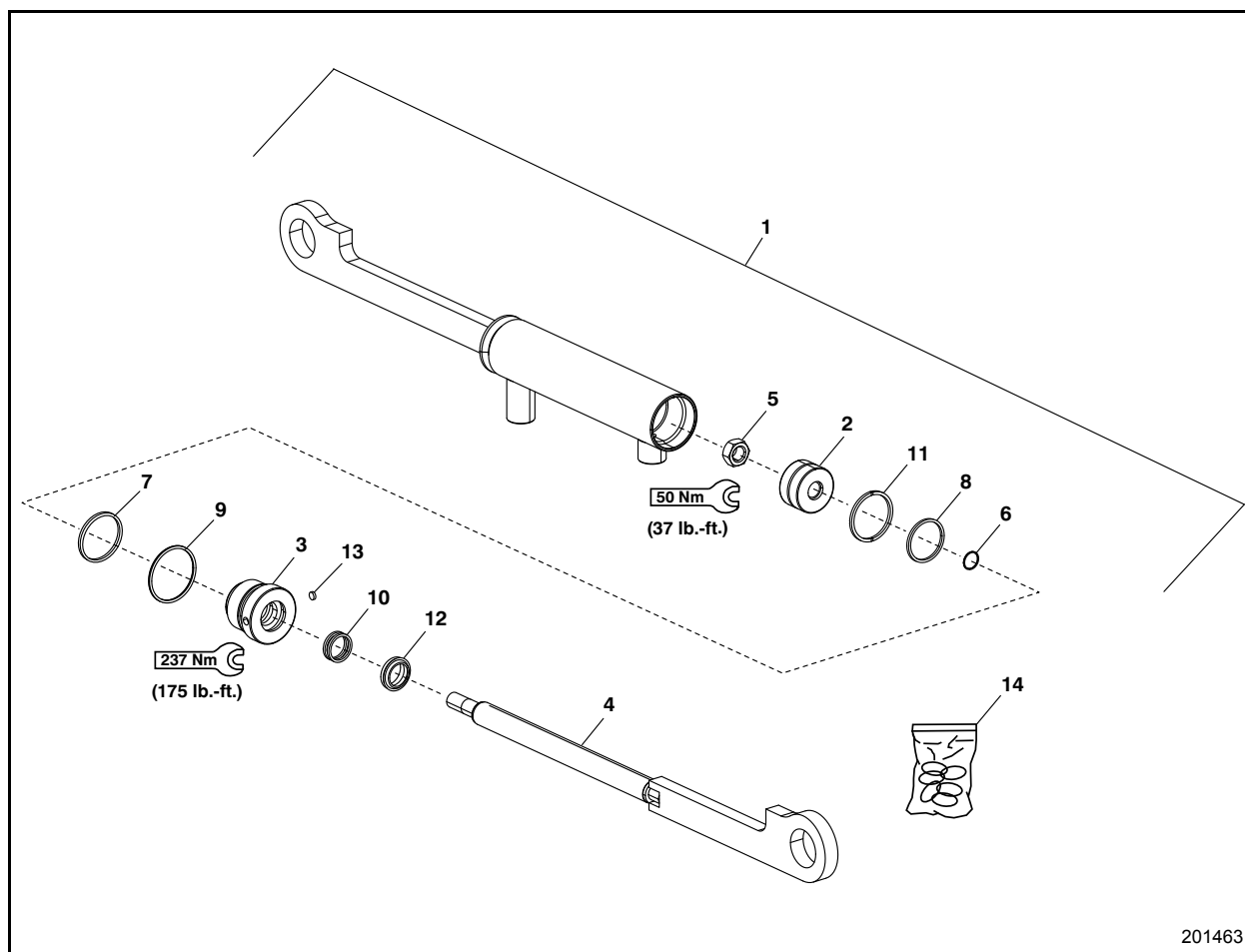


Ref. No.	Part No.	Description	Qty.
1	175830	CYL/HYD/STEERING COMPLETE (Includes Ref. Nos. 2-18)	1
2	270435	PISTON	2
3	270436	HEAD GLAND	1
4	270437	ROD WELDMENT	1
5	270426	SPHERICAL BEARING	1
6	080319	NUT LOCK .75-16 *	1
7	613052	FITTING/GREASE M6X1	2
8	270429	RING/INT SNAP 1.88	1
9		O-RING	1
10		O-RING	1
11		O-RING	1

Ref. No.	Part No.	Description	Qty.
12		SQUARE RING	1
13		BACKUP RING	1
14		DEEP Z-SEAL	1
15		SQUARE SECT. TFE PISTON SEAL	1
16		HD ROD WIPER, SEALED OD	1
17		WEARBAND	1
18		LOCKING INSERT	2
19	270439	KIT/SEAL (Includes Ref. Nos. 9-18)	1

* Requires Loctite® 271 or equivalent.

AL 540 - HYDRAULIC CYLINDERS POWER-A-TACH CYLINDER



201463

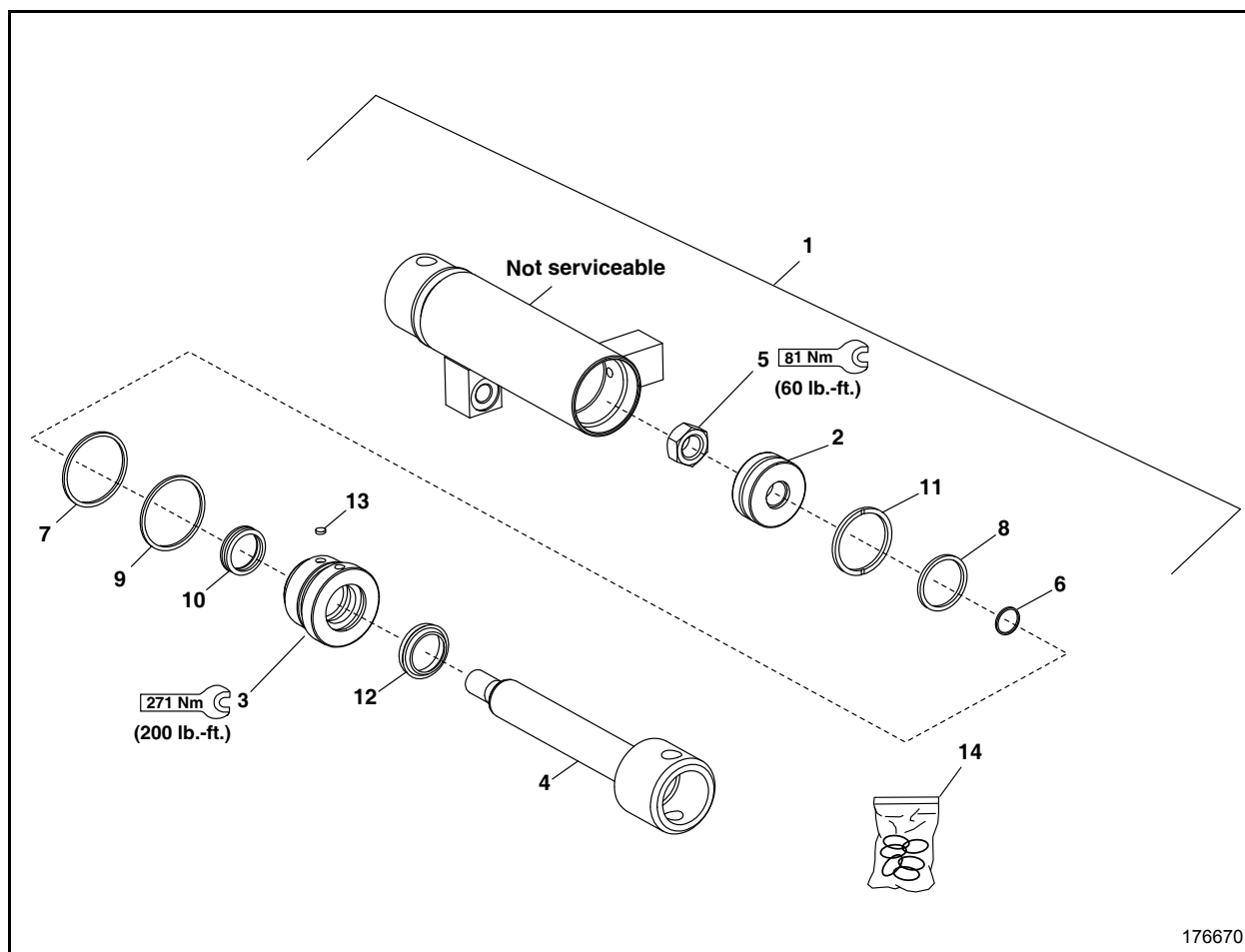
Ref. No.	Part No.	Description	Qty.
1	201463	CYL/HYD POWER-A-TACH (Includes Ref. Nos. 2-13)	1
2	202664	PISTON	1
3	202665	HEAD GLAND	1
4	202666	ROD WELDMENT	1
5	202667	LOCKNUT 1/2-20 UNF *	1
6		O-RING	1
7		O-RING	1
8		SQUARE RING	1
9		BACKUP RING, DYNAMIC	1

Ref. No.	Part No.	Description	Qty.
10		DEEP Z-SEAL	1
11		SQUARE SECT. TFE PISTON SEAL	1
12		HD ROD WIPER, SEALED OD	1
13		LOCKING INSERT	2
14	271021	KIT/SEAL (Includes Ref. Nos. 6-13)	1

* Requires Loctite® 271 or equivalent.

AL 540 - HYDRAULIC CYLINDERS

4-POINT ALL-TACH CYLINDER



176670

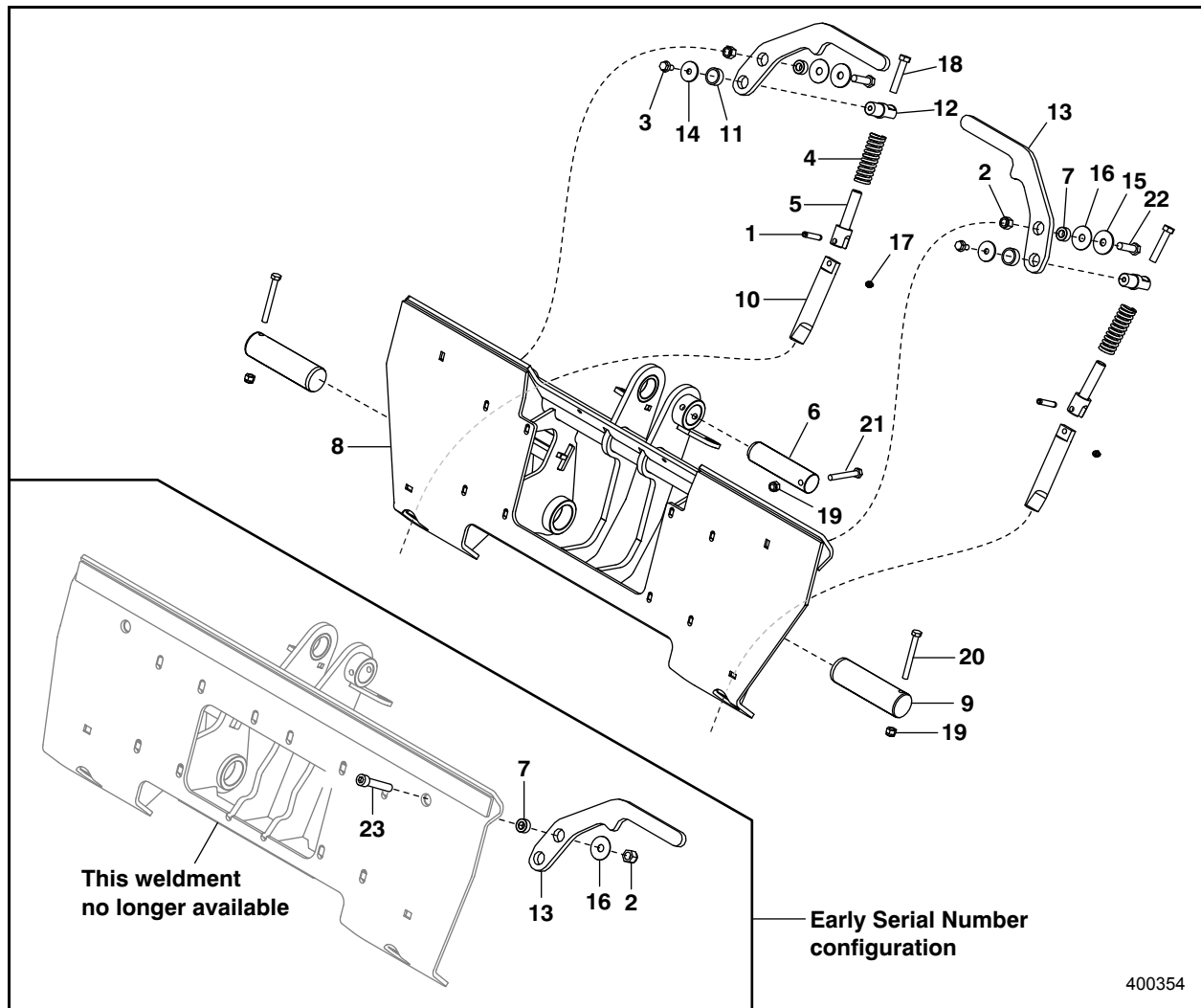
Ref. No.	Part No.	Description	Qty.
1	176670	CYLINDER/4-POINT ALL-TACH (Includes Ref. Nos. 2-13)	1
2	203869	PISTON	1
3	203870	HEAD GLAND	1
4	203871	ROD WELDMENT	1
5	270427	LOCKNUT 5/8-18 UNF *	1
6		O-RING	1
7		O-RING	1
8		SQUARE RING	1
9		BACKUP RING, DYNAMIC	1

Ref. No.	Part No.	Description	Qty.
10		DEEP Z-SEAL	1
11		SQUARE SECT. TFE PISTON SEAL	1
12		HD ROD WIPER, SEALED OD	1
13		LOCKING INSERT	1
14	271021	KIT/SEAL (Includes Ref. Nos. 6-13)	1

* Requires Loctite® 271 or equivalent.

AL 540 - ATTACHMENTS

ALL-TACH



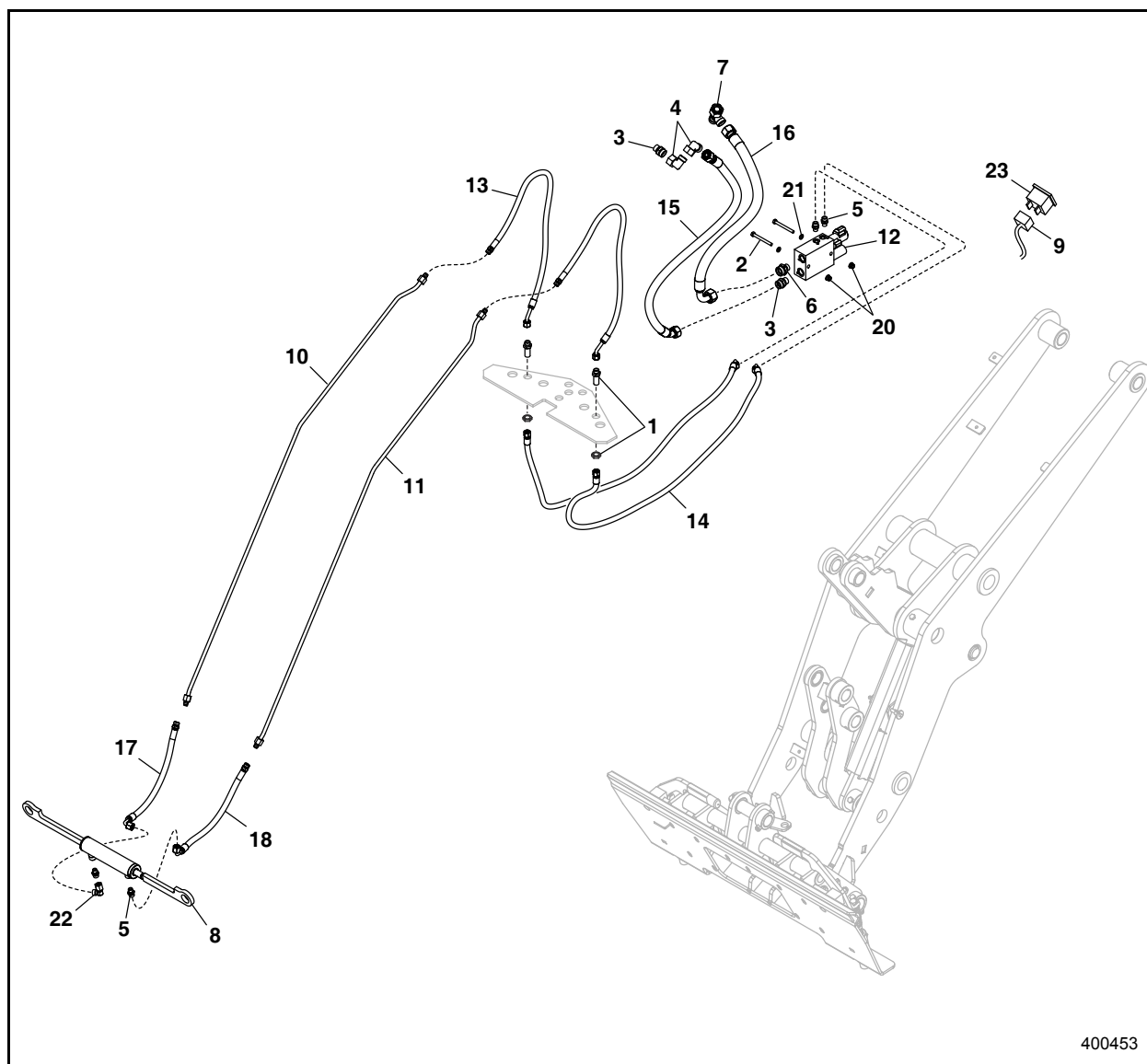
Ref. No.	Part No.	Description	Qty.
1	062756	PIN/SPRING 3/8X2	2
2	068034	HLN INST 1/2 CZY	2
3	076588	CS FL LOCK 3/8X3/4 C5ZY	2
4	123554	SPRING, COMPRESSION	2
5	134594	ADAPTOR/ROD	2
6	175980	PIN/PIVOT	1
7	176187	BUSHING	2
8	273027	WDMT/ ATTACH BRKT * (Later SN version)	1
9	176666	PIN/PIVOT 50MM	2
10	183575	PIN/LATCH	2
11	201397	SPACER	2
12	201473	ADAPTOR/PUSH ROD	2
13	201474	LEVER/BUCKET PIN	2

Ref. No.	Part No.	Description	Qty.
14	080926	FW 13/32 ZY	2
15	400-30803	FW 17/32 ZY (Later SN version)	2
16	400-32252	WASHER, CUPPED SPRING	2
17	613021	FITTING/GREASE M10X1	2
18	651239	CS 1/2X2-1/2 C8ZY	2
19	651448	LN INS M10-1.5 C8 ZY DIN6924	3
20	656015	CS M10-1.5X90 C8.8 ZY DIN931	2
21	656117	CS M10-1.5X75 C8.8 ZY DIN931	1
22	650569	CS 1/2X1-3/4 C5ZY (Later SN version)	2
23	310-32678	SHCS 1/2-13 X 2 3/4 ZY (Early SN version)	2

* For service, the later version weldment replaces the early version, however some hardware is changed.

AL 540 - ATTACHMENTS

POWER-A-TACH



400453

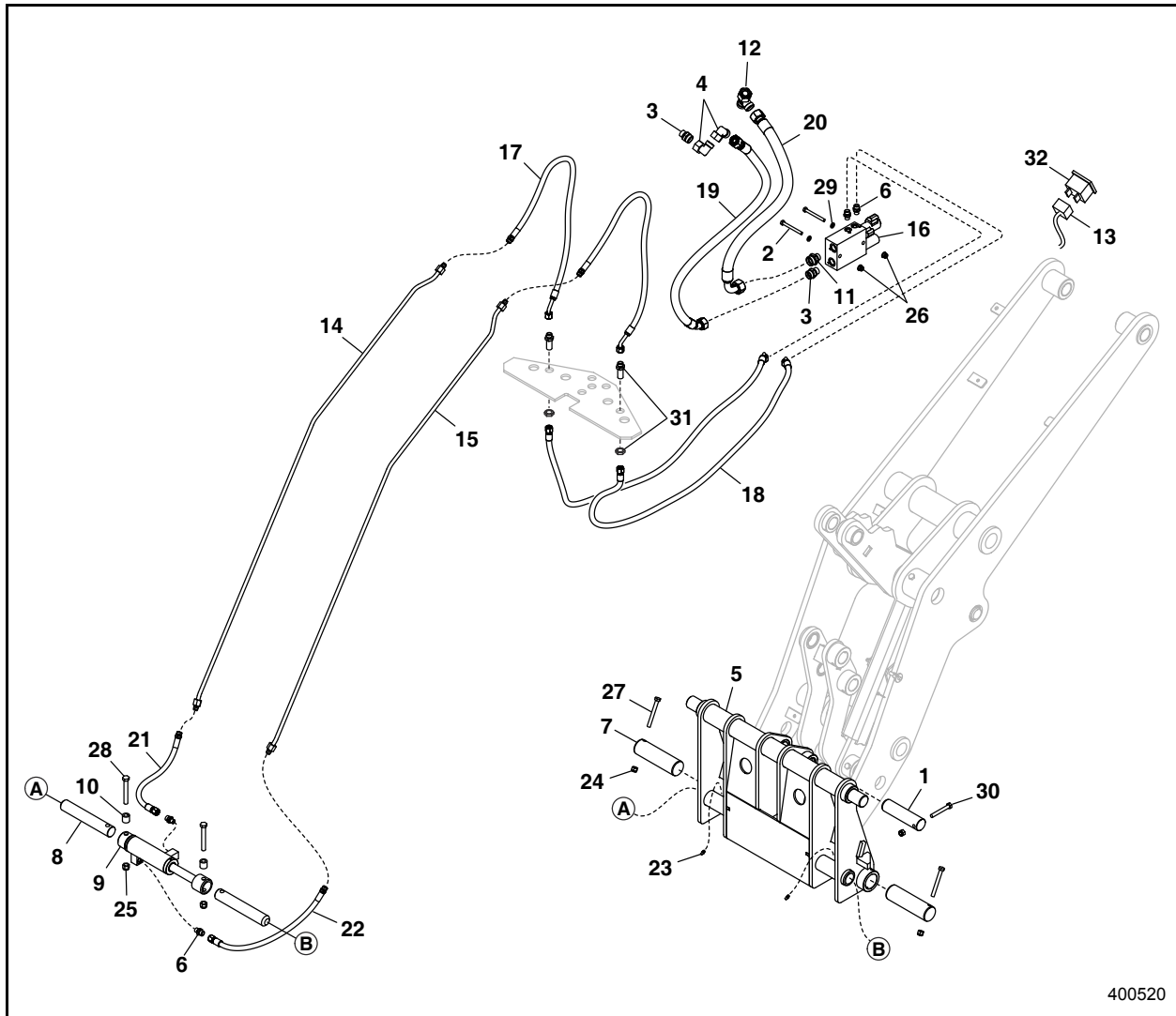
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	176360	STM BK M24C10 M24C10 **	2	14	271342	HOSE/MP 5 X 1435MM *	2
2	656153	CS M8-1.25X80 C8.8 ZY DIN931	2	15	271343	HOSE/MP 10 X 952MM *	1
3	176370	STM M24C18 MBSPP12 **	2	16	271344	HOSE/MP 12 X 864MM *	1
4	176371	90M SV F24C18 M24C18 **	2	17	271882	HOSE/MP 5 X 400MM *	1
5	176530	STM M24C10 MBSPP14 **	4	18	271885	HOSE/MP 5 X 420MM *	1
6	176884	STM M24C22 MBSPP12 **	1	20	651706	LN INST FL M8-1.25 C8 ZY DIN6926	2
7	201236	TEM SV RN F24C22 M24C22 **	1	21	656111	FW M8 ZY DIN125	2
8	201463	CYL/HYD POWER-A-TACH	1	22	176364	90M SV F24C10 M24C10 **	1
9	201479	HARNESS/HYD POWER-A-TACH	1	23	271136	TOGGLE/POWER-A-TACH	1
10	270121	TUBE/HYDRAULIC	1				
11	270256	TUBE/HYDRAULIC	1				
12	270400	VALVE/POWER-A-TACH	1				
13	271195	HOSE/MP 5 X 910MM *	2				

* See Page 90 for hose/o-ring information.

** See Page 89 for o-ring/seal/description information.

AL 540 - ATTACHMENTS

4-POINT ALL-TACH



400520

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	175980	PIN/PIVOT	1	18	271342	HOSE/MP 5 X 1435MM *	2
2	656153	CS M8-1.25X80 C8.8 ZY DIN931	2	19	271343	HOSE/MP 10 X 952MM *	1
3	176370	STM M24C18 MBSPP12 **	2	20	271344	HOSE/MP 12 X 864MM *	1
4	176371	90M SV F24C18 M24C18 **	2	21	271994	HOSE/MP 5 X 375MM *	1
5	176403	WDMT/4-POINT ALL-TACH	1	22	271995	HOSE/MP 5 X 450MM *	1
6	176530	STM M24C10 MBSPP14 **	4	23	613052	FITTING/GREASE M6X1	2
7	176666	PIN/PIVOT 50MM	2	24	651448	LN INS M10-1.5 C8 ZY DIN6924	3
8	176667	PIN	2	25	651449	LN INST M12-1.75 C8 ZY DIN6924	2
9	176670	CYLINDER	1	26	651706	LN INST FL M8-1.25 C8 ZY DIN6926	2
		See page 58 for individual components		27	656015	CS M10-1.5X90 C8.8 ZY DIN931	2
10	176671	SPACER	2	28	656022	CS M12-1.75X90 C8.8 ZY DIN931	2
11	176884	STM M24C22 MBSPP12 **	1	29	656111	FW M8 ZY DIN125	2
12	201236	TEM SV RN F24C22 M24C22 **	1	30	656117	CS M10-1.5X75 C8.8 ZY DIN931	1
13	201479	HARNESS/4-POINT ALL-TACH	1	31	176360	STM BK M24C10 M24C10 **	2
14	270121	TUBE/HYDRAULIC	1	32	271136	TOGGLE/POWER-A-TACH	1
15	270256	TUBE/HYDRAULIC	1				
16	270400	VALVE/POWER-A-TACH	1				
17	271195	HOSE/MP 5 X 910MM *	2				

* See Page 90 for hose/o-ring information.

** See Page 89 for o-ring/seal/description information.

GENERAL INFORMATION

Decal location information is provided to assist in the proper selection and application of new decals, in the event the original decals become damaged or the machine is repainted. Refer to the listing for the illustration reference number, part number, description and quantity of each decal. Refer to the appropriate illustrations for replacement locations.

To ensure proper selection of the correct replacement decals, compare all of the various closeup location drawings to your machine before starting to refinish the unit. Then circle each decal shown (applicable to your machine) while checking off its part number in the listing.

NOTE: Refer to the *SAFETY* chapter of the *Operator's Manual* for specific information provided on the various safety decals.

NEW DECAL APPLICATION

If there is a decal on a part that is to be replaced, be sure that the decal is applied to the replacement part. Surfaces **MUST** be free from dirt, dust, grease and other foreign material before applying the new decal. To apply, remove the smaller portion of the decal backing paper and apply this part of the exposed adhesive backing to the clean surface while maintaining proper position and alignment. Peel the other portion of the backing paper off slowly while applying hand pressure to smooth out the decal surface.

Decals for the AL 540 Articulated Loader are listed below:

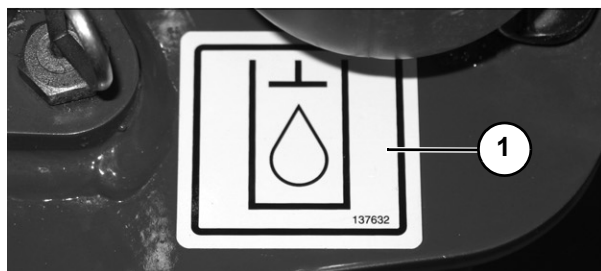
Ref. No.	Part No.	Decal/Part Description	Qty.
1	137632	Hydraulic Oil	1
2	137634	Diesel Fuel	1
3	137660	No Ether	1
4	104945	Tie Down	4
5	104946	Lift Hook	2
6	137842	Warning, Manual	1
7	137846	Warning, Hot Surface/Fan	1
8	184711	Warning, ROPS EU	1
9	201157	Safety Shutdown EU	1
10	273901	Warning, General	1
11	201163	Attachment Bracket	2
12	270688	Joystick	1
13	270690	Joystick, Aux	1
14	201190	Warning, Service EU	1
15	201191	Crushing Warning	2
16	201220	Warning, General EU	1
17	201232	Battery Disconnect	1
18	270090	AL 540 Gehl	1
19	270010	Model AL 540 (RT)	1
20	270007	Model AL 540 (LT)	1
21	183963	Gehl 3.75 x 15.92	2
22	184306	Gehl 4.75 X 20.16 (Rear)	1
23	270103	Triangle (RT)	1
24	270102	Triangle (LT)	1
25	189823	101 Decibel	1
26	270114	Max Speed (Not Shown) *	1

* For Road Homologation only

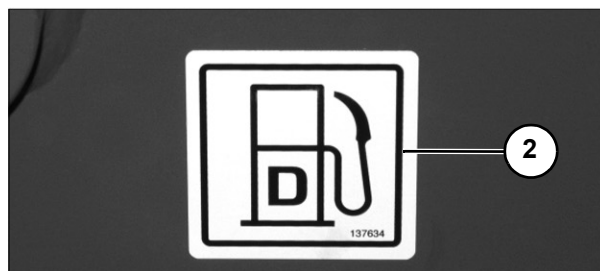


CAUTION

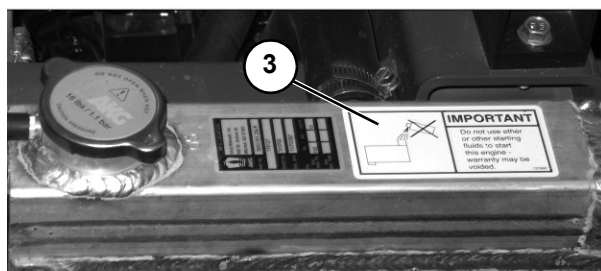
ALWAYS follow safety precautions on decals. Replace decals if they are damaged, or if the unit is repainted. If repainting, **BE SURE** all applicable decals are affixed to the unit.



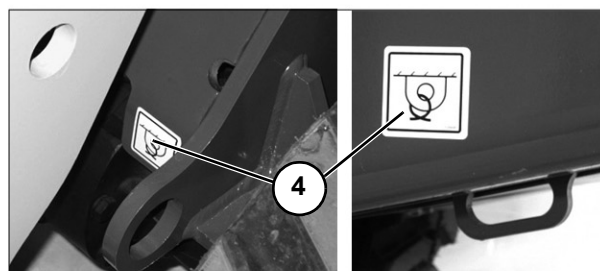
On top of hydraulic oil tank



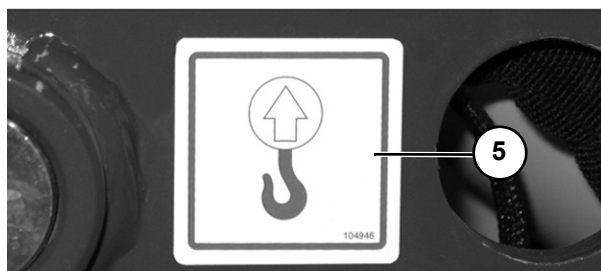
Above fuel filler neck and cap



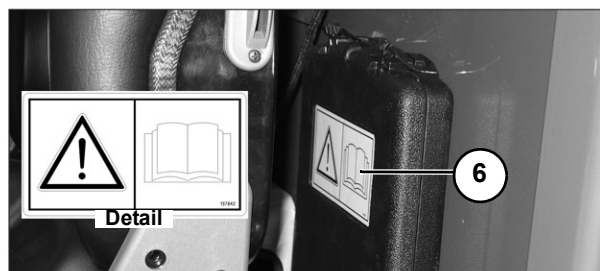
Next to engine radiator filler cap



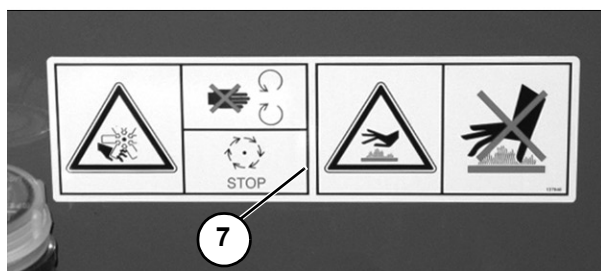
On front and rear of chassis (both sides)



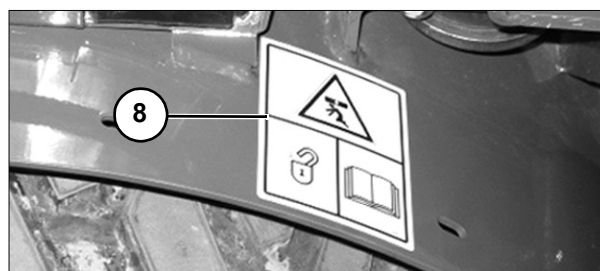
Near top of front loader frame (both sides)



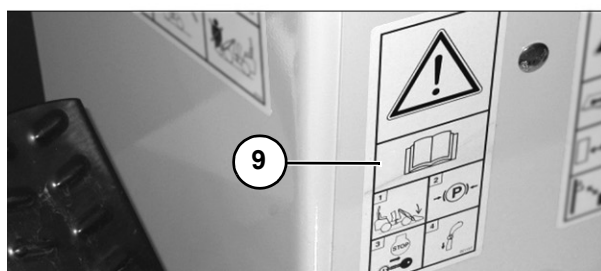
On storage box behind operator's seat



Above engine air filter canister



On left rear fender near battery



On steering console cover facing seats

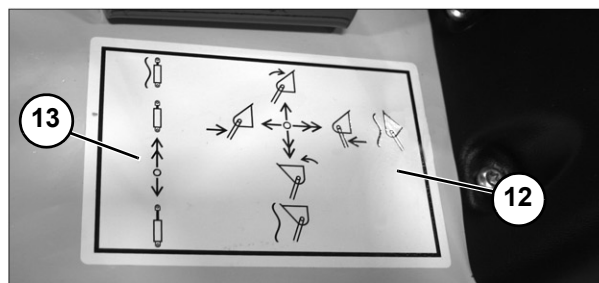


On left side of steering console cover

AL 540 - DECALS



On front loader arm (both sides)



On frame near right joystick lever



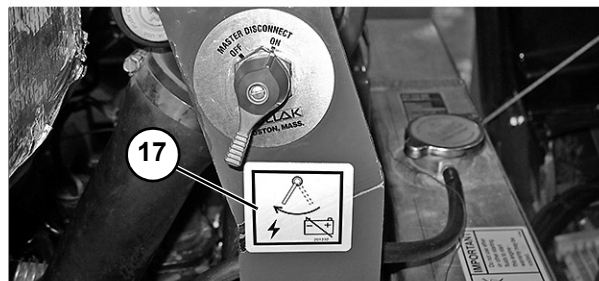
On engine compartment wall near air filter



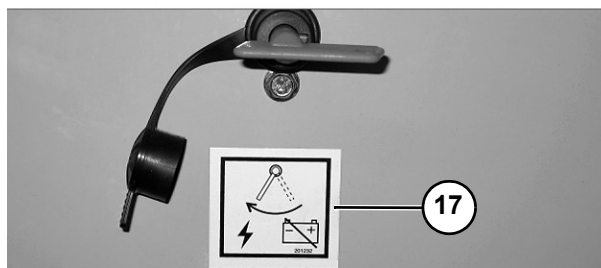
Near articulating swivel joint (both sides)



On steering console cover facing seat



In engine compartment by hood latch (new)



On operator platform to right of seat (old)



Above fuel filler cap and neck



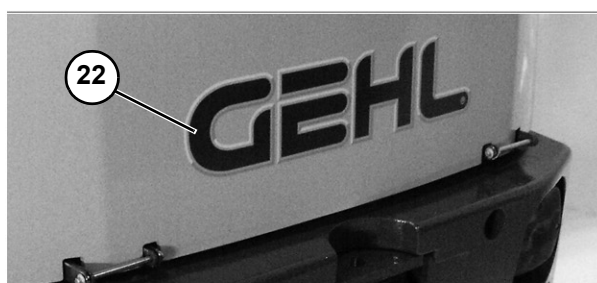
On right side of cab frame



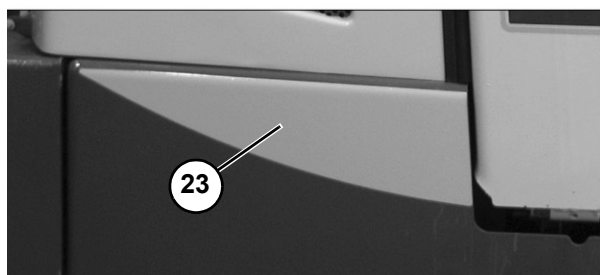
On left side of cab frame



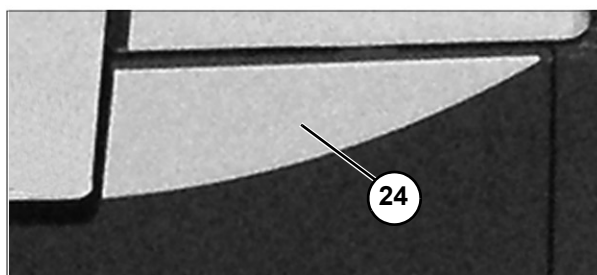
On loader arm (both sides)



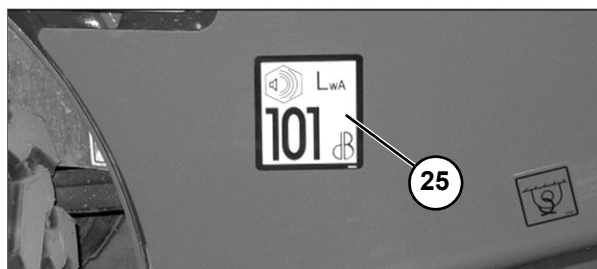
At bottom of engine compartment hood



At right rear of chassis frame

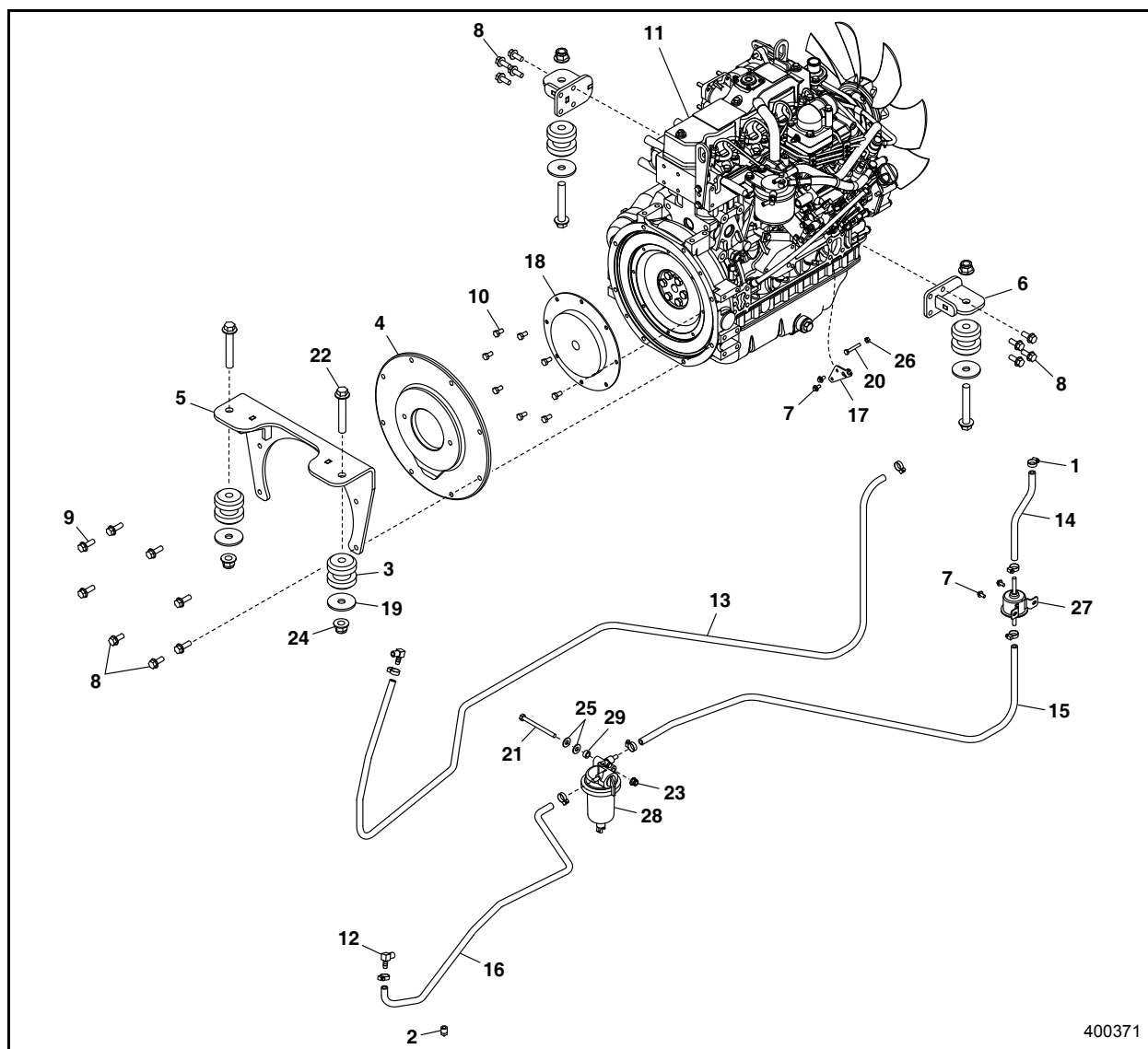


At left rear of chassis frame



On chassis near left rear wheel

AL 540 - ENGINE ENGINE ASSEMBLY

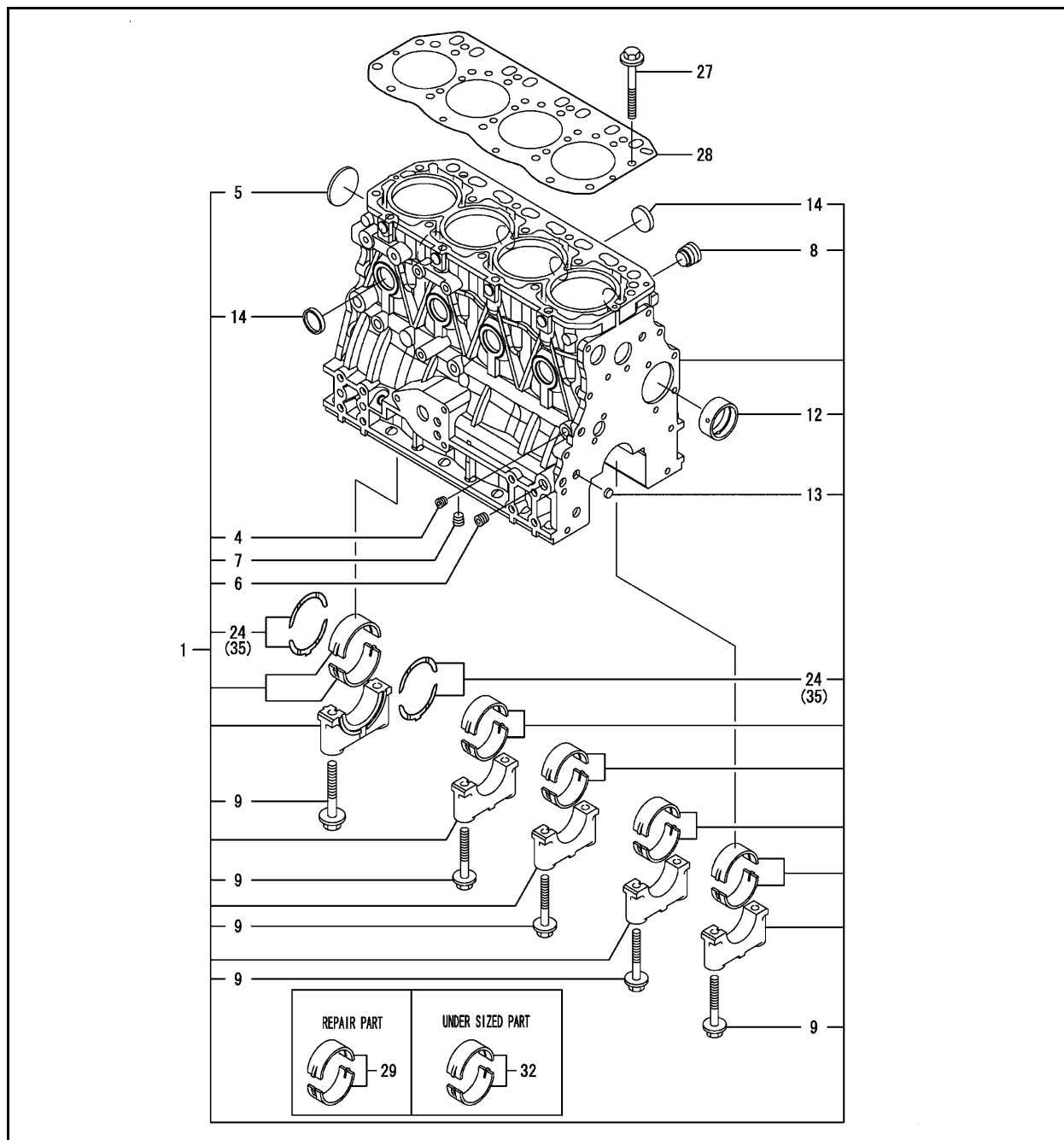


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Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	062023	CLAMP/HOSE #M5 1800	8	16	201055	FUEL LINE SEPARATOR-TANK	1
2	L72019	PLUG/PIPE .25	1	17	201110	THROTTLE CABLE BRACKET	1
3	137063	ISOLATOR -11 RED-WHITE	4	18	250-32577	DRIVE PLATE, FLEXIBLE	1
4	160-32740	PLATE, PUMP MOUNT	1	19	400-21568	WASHER (PLATED)	4
5	176076	WDMT/FRONT MOTOR MOUNT	1	20	651662	CS M6-1.00X40 C8.8 ZY DIN931	1
6	176203	WDMT/REAR ENGINE MOUNT	2	21	651681	CS M8-1.25X100 C8.8 ZY DIN931	1
7	176651	CS FL M6-1.00X12 C8.8ZY SP DIN1662	4	22	651703	CS FL M16-2.00X100 C8.8 ZY DIN1662	4
8	176653	CS FLH M10-1.5X25 C8.8ZY SP DIN1665 *	10	23	651706	LN INST FL M8-1.25 C8 ZY DIN6926	1
9	176654	CS FLH M10-1.5X30 C8.8ZY SP DIN1665 *	6	24	651709	LN INST FL M16-2.00 C8 ZY DIN6926	4
10	176658	CS M8-1.25X16 C8.8ZY SP DIN931	8	25	654004	FW 5/16 AWZY	2
11	176803	ENGINE ASSEMBLY (4TNV88)	1	26	656047	HN M6-1 C8 ZY DIN934	1
12	186080	FITTING 5/16 BARB/ 90°	2	27	186308	PUMP ASSY FUEL FEED	1
13	201049	FUEL LINE RETURN	1	28	270980	SEPARATOR ASSY	1
14	201053	FUEL LINE FILTER-PUMP	1	29	091716	SPACER	1
15	201054	FUEL LINE FILTER-PUMP	1				

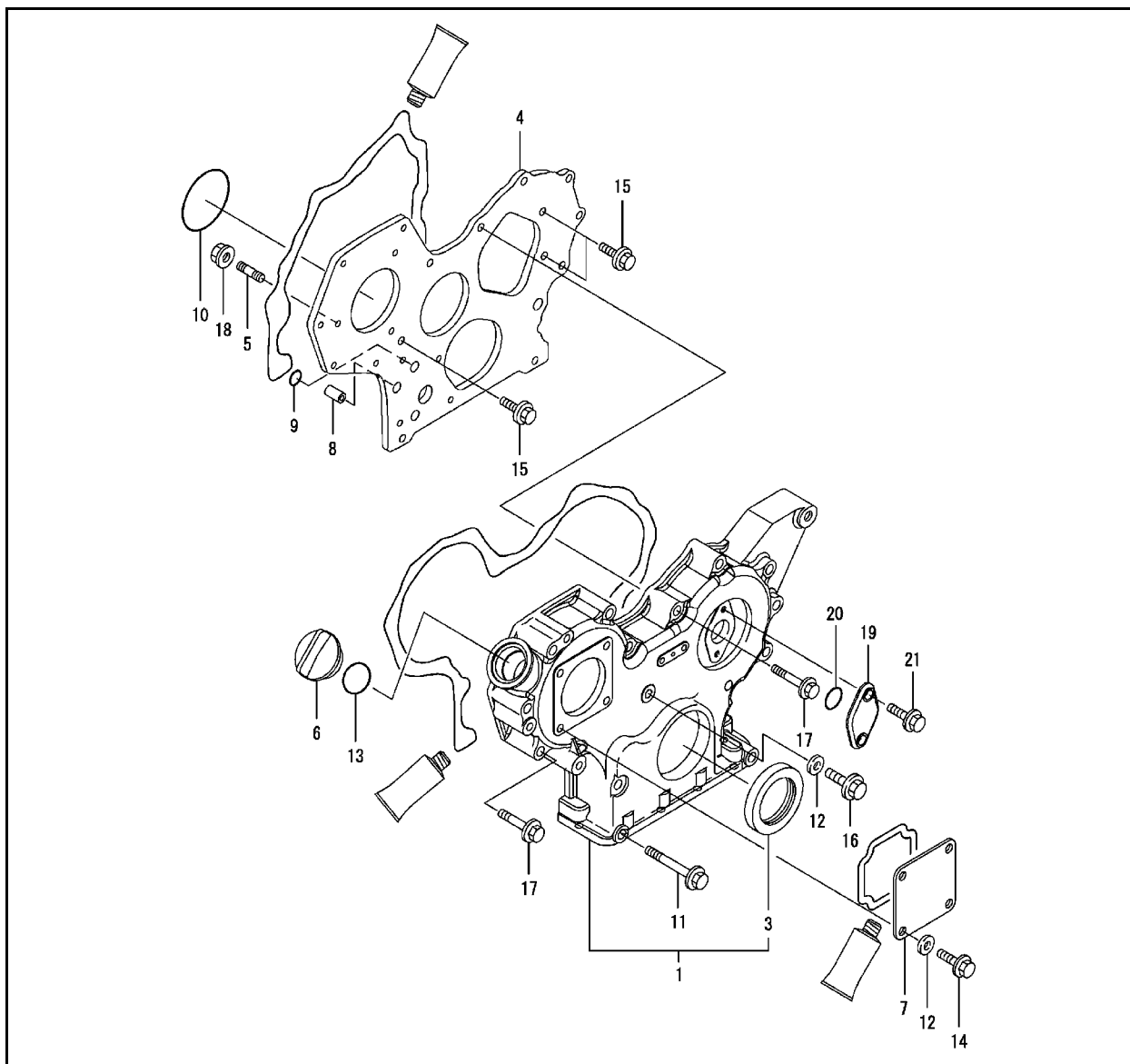
* Re-use of bolts requires Loctite® 262 or equivalent.

AL 540 - ENGINE CYLINDER BLOCK



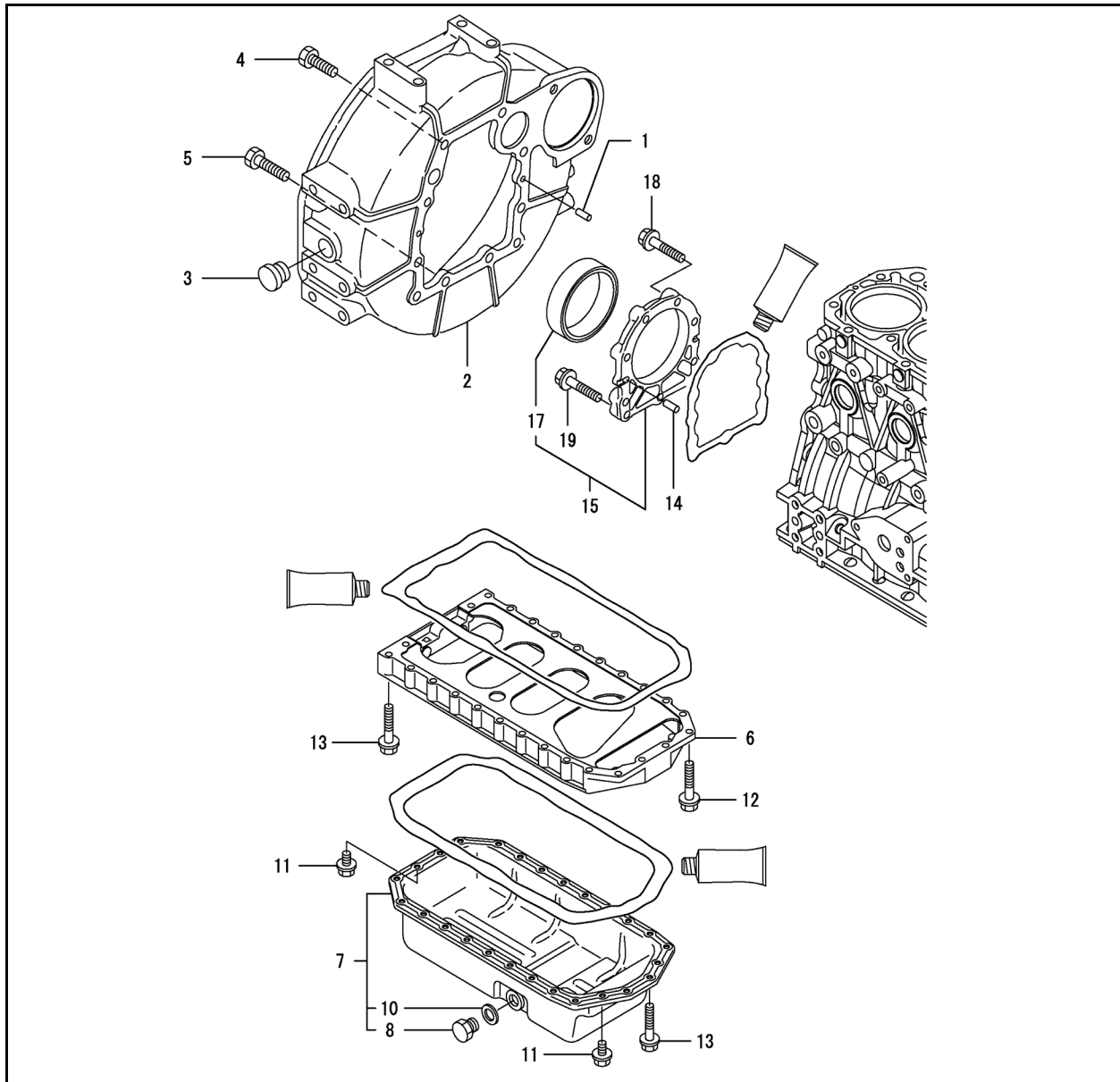
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	188768	CYLINDER BLOCK ASSEMBLY	1	14	425-34726	PLUG 30	8
4	425-34723	PIPE THREAD PLUG 1/8"	1	24	425-34731	THRUST BEARING	2
5	425-36240	PLUG	1	27	425-34638	CYLINDER HEAD BOLT	18
6	425-34721	PIPE THREAD PLUG 1/4"	2	28	425-36006	CYLINDER HEAD GASKET	1
7	425-34721	PIPE THREAD PLUG 1/4"	1	29	425-35931	MAIN BEARING SET (2)	5
8	425-34722	PLUG	1	32	425-34734	MAIN BEARING (US=0.25)	5
9	425-34730	BOLT	10	35	425-34735	THRUST BEARING SET (OS=0.25)	1
12	425-34732	BUSH, CAMSHAFT	1				
13	425-34725	PLUG 12	2				

AL 540 - ENGINE GEAR HOUSING



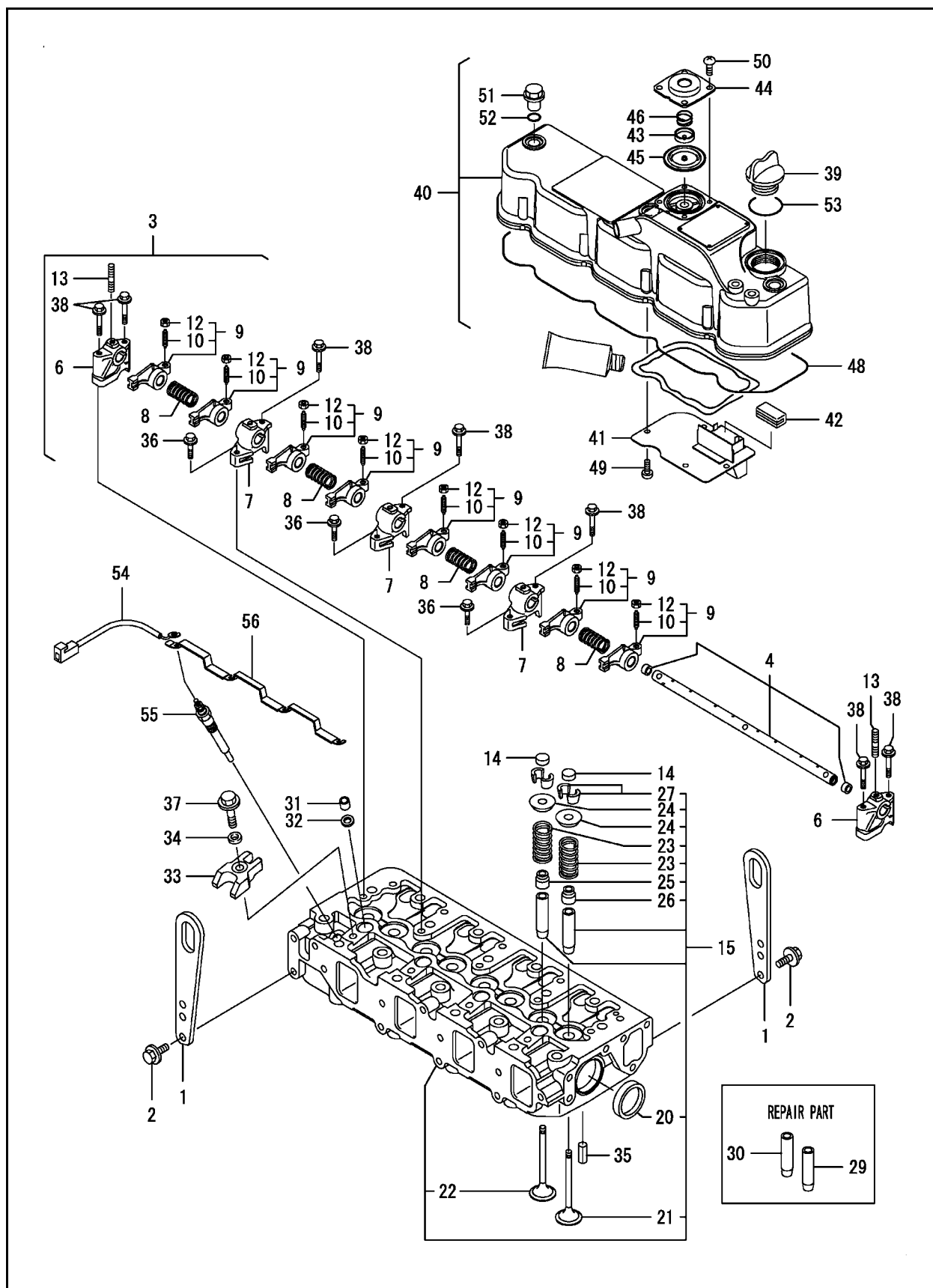
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	197755	GEAR CASE ASSY	1	13	425-34745	O-RING 1A P-32.0	1
3	270946	OIL SEAL	1	14	425-34733	BOLT M8 X 16 PLATED	4
4	197771	GEAR CASE FLANGE	1	15	425-34733	BOLT M8 X 16 PLATED	3
5	270948	STUD M8 X 25	3	16	425-34760	BOLT M8 X 30 PLATED	1
6	425-34740	FILLER CAP	1	17	425-34748	BOLT M8 X 55 PLATED	12
7	425-34741	COVER	1	18	138140	NUT	3
8	425-34743	KNOCK PIPE	2	19	270949	BLIND COVER	1
9	188452	O-RING P16	2	20	425-34763	O-RING 1A S-24.0	1
10	425-34681	GEAR HOUSING O-RING	1	21	425-35164	BOLT M6 X 16 PLATED	2
11	188537	BOLT M8 X 85	3				
12	425-34750	SEAL WASHER 8S	5				

AL 540 - ENGINE FLYWHEEL HOUSING/OIL PAN



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	188573	PARALLEL PIN 8 X 16	2	13	425-34747	BOLT M8 X 45 PLATED	24
2	425-34754	FLYWHEEL HOUSING	1	14	188573	PARALLEL PIN 8 X 16	2
3	425-34756	FILLER CAP	1	15	188574	OIL SEAL CASE ASSY	1
4	188749	BOLT M10 X 25	6	17	425-34759	OIL SEAL	1
5	188750	BOLT M10 X 30	4	18	188640	COLLARHEAD BOLT M8 X 30	6
6	425-34764	OIL PAN SPACER	1	19	425-34761	BOLT M8 X 35 PLATED	3
7	425-36087	OIL PAN ASSY	1				
8	425-36121	SCREW	1				
10	138113	SEAL WASHER	1				
11	425-34733	BOLT M8 X 16 PLATED	4				
12	425-34765	BOLT M8 X 25 PLATED	2				

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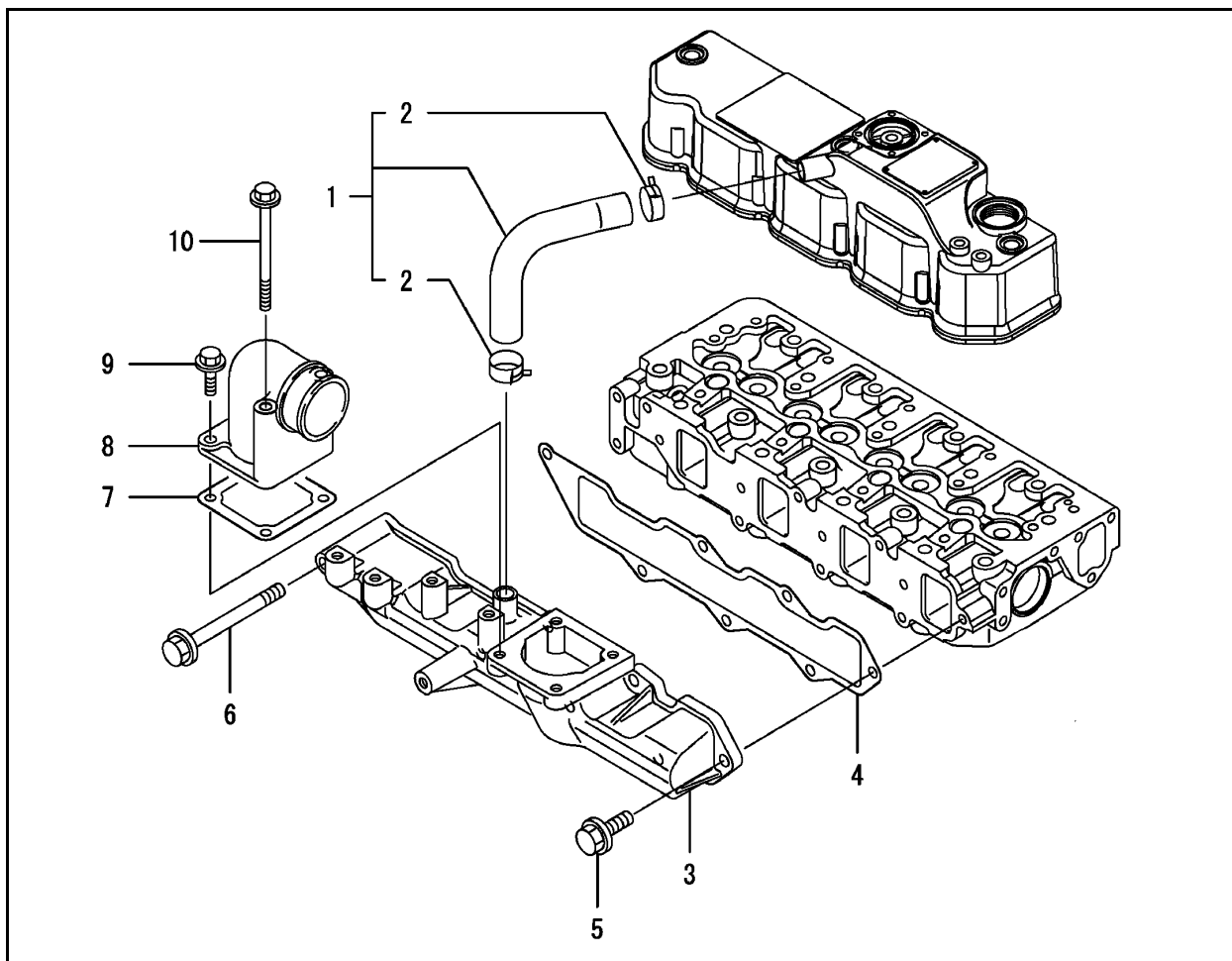


AL 540 - ENGINE CYLINDER HEAD AND COVER

Ref. No.	Part No.	Description	Qty.
1	188679	LIFT BRACKET	2
2	425-34733	BOLT M8 X 16 PLATED	4
3	188655	ROCKER SHAFT ASSY	1
4	188656	SHAFT	1
6	188470	ROCKER ARM SUPPORT	2
7	188471	ROCKER ARM SUPPORT	3
8	188597	SPRING	4
9	188544	ROCKER ARM ASSY	8
10	188596	VALVE SCREW	8
12	425-34791	NUT M8 X P-1.0	8
13	425-34793	STUD M8 X 18 PLATED	3
14	425-34782	VALVE CAP	8
15	197811	CYLINDER HEAD ASSY	1
20	425-34779	PLUG 40	2
21	188559	INTAKE VALVE	4
22	425-34639	EXHAUST VALVE	4
23	425-34643	VALVE SPRING	8
24	425-34644	SPRING RETAINER	8
25	188507	VALVE STEM SEAL	4
26	425-34645	VALVE STEM SEAL	4
27	425-34646	RETAINER	8
29	425-34642	SUCTION VALVE GUIDE	4
30	425-34641	EXHAUST VALVE GUIDE	4
31	186337	NOZZLE GUARD	4
32	425-34796	SEAL	4
33	188545	NOZZLE RETAINER	4

Ref. No.	Part No.	Description	Qty.
34	188502	WASHER	4
35	425-34783	SPRING PIN 6 X 12	2
36	425-34765	BOLT M8 X 25 PLATED	3
37	425-34761	BOLT M8 X 35 PLATED	4
38	425-34766	BOLT M8 X 50 PLATED	7
39	425-34740	FILLER CAP	1
40	188658	VALVE COVER ASSY	1
41	188539	BAFFLE PLATE	1
42	425-34769	BAFFLE	1
43	188465	DIAPHRAGM PLATE	1
44	188466	DIAPHRAGM COVER	1
45	188467	DIAPHRAGM	1
46	188469	DIAPHRAGM SPRING	1
48	188657	VALVE COVER GASKET	1
49	186598	SCREW 5X10 TAPPING	4
50	186598	SCREW 5X10 TAPPING	4
51	425-34775	KNOB	3
52	425-34776	O-RING 1A P-12.0	3
53	425-34745	O-RING 1A P-32.0	1
54	270953	GLOW PLUG HARNESS	1
55	270951	GLOW PLUG	4
56	197847	GLOW PLUG CONNECTOR	1

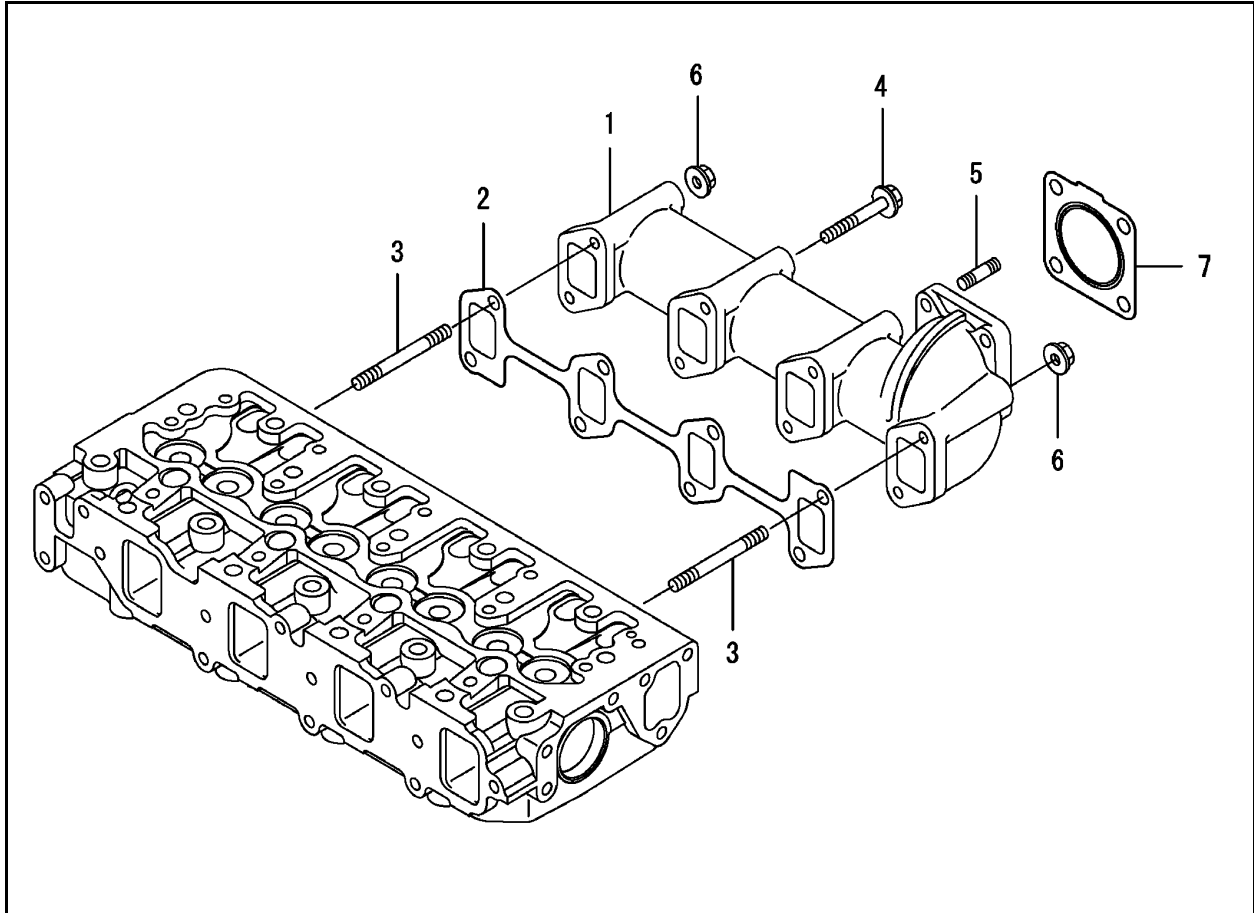
AL 540 - ENGINE INTAKE MANIFOLD



Ref. No.	Part No.	Description	Qty.
1	188558	BREATHER PIPE	1
2	188632	CLAMP 24	2
3	192303	INTAKE MANIFOLD	1
4	425-35934	INTAKE MANIFOLD GASKET	1
5	425-34746	BOLT M8 X 20 PLATED	6
6	425-34800	BOLT M8 X 80 PLATED	1

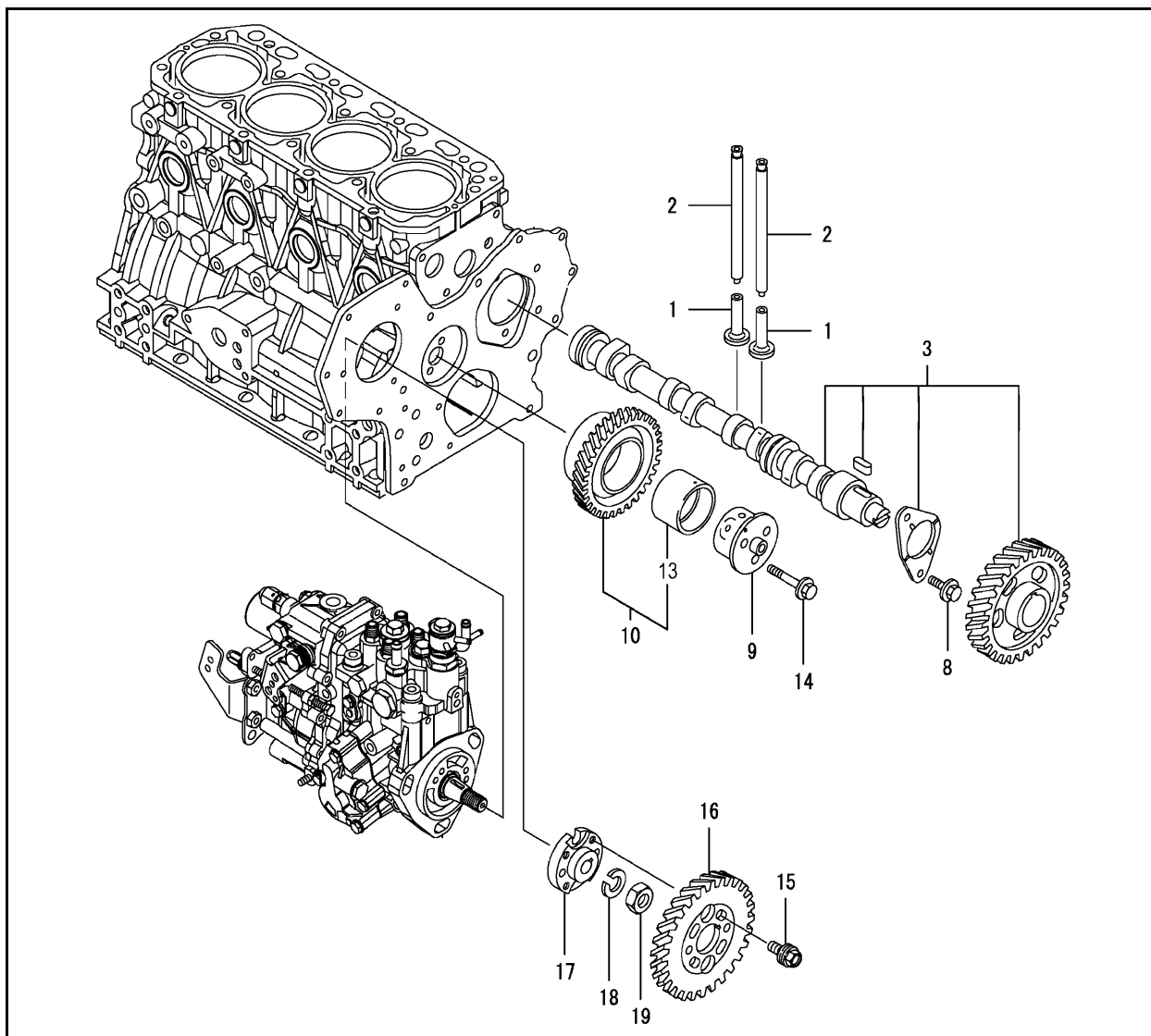
Ref. No.	Part No.	Description	Qty.
7	425-34649	AIR HEATER GASKET	1
8	270954	AIR INTAKE JOINT	1
9	425-34746	BOLT M8 X 20 PLATED	2
10	425-34800	BOLT M8 X 80 PLATED	2

AL 540 - ENGINE EXHAUST MANIFOLD



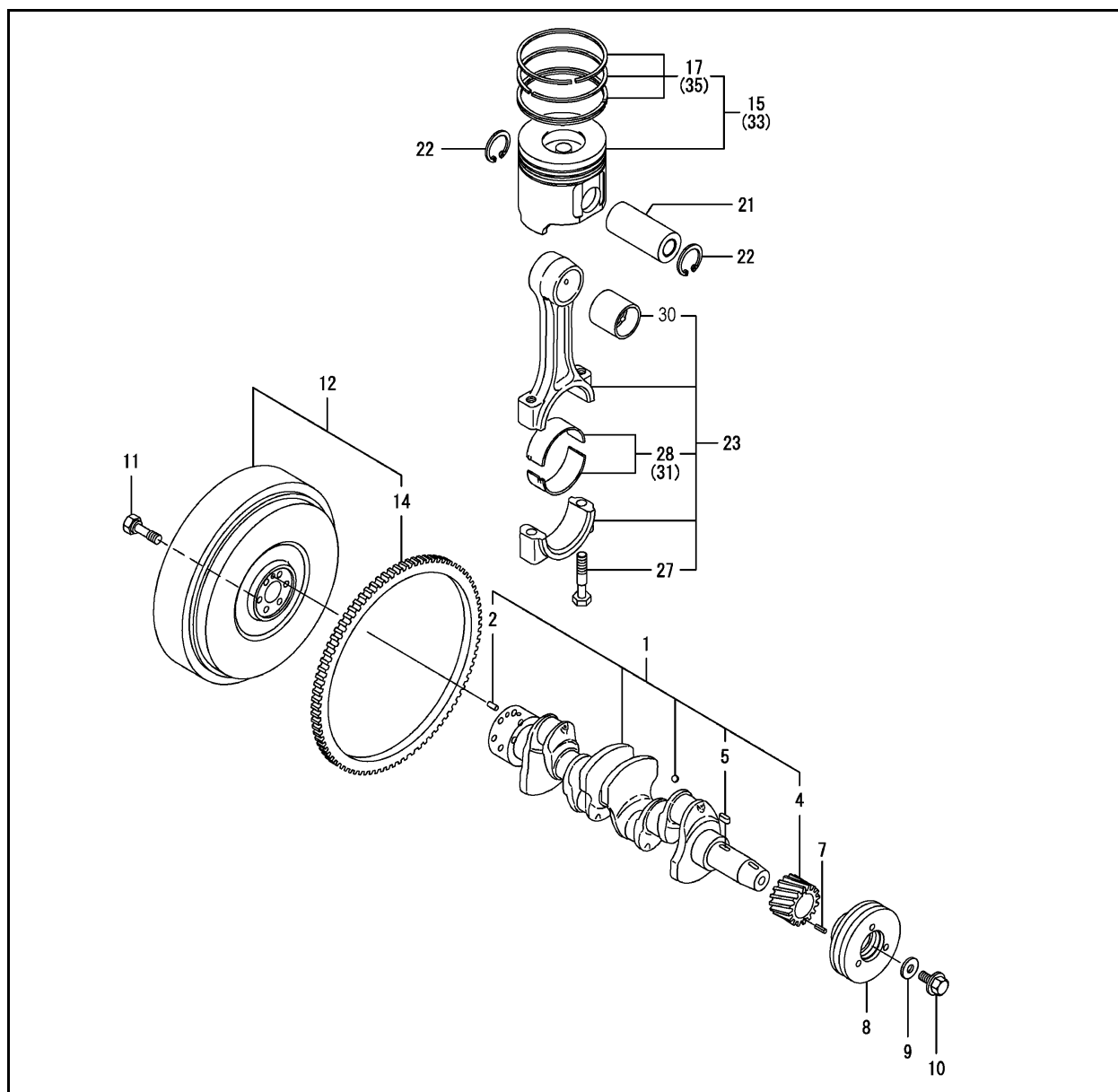
Ref. No.	Part No.	Description	Qty.
1	425-34799	EXHAUST MANIFOLD	1
2	425-34653	MANIFOLD GASKET	1
3	138474	STUD BOLT M 8X80	2
4	186375	BOLT 8 X 80	6
5	425-36249	BOLT M8 X 22	4
6	138140	NUT	2
7	138104	MUFFLER GASKET	1

AL 540 - ENGINE CAMSHAFT



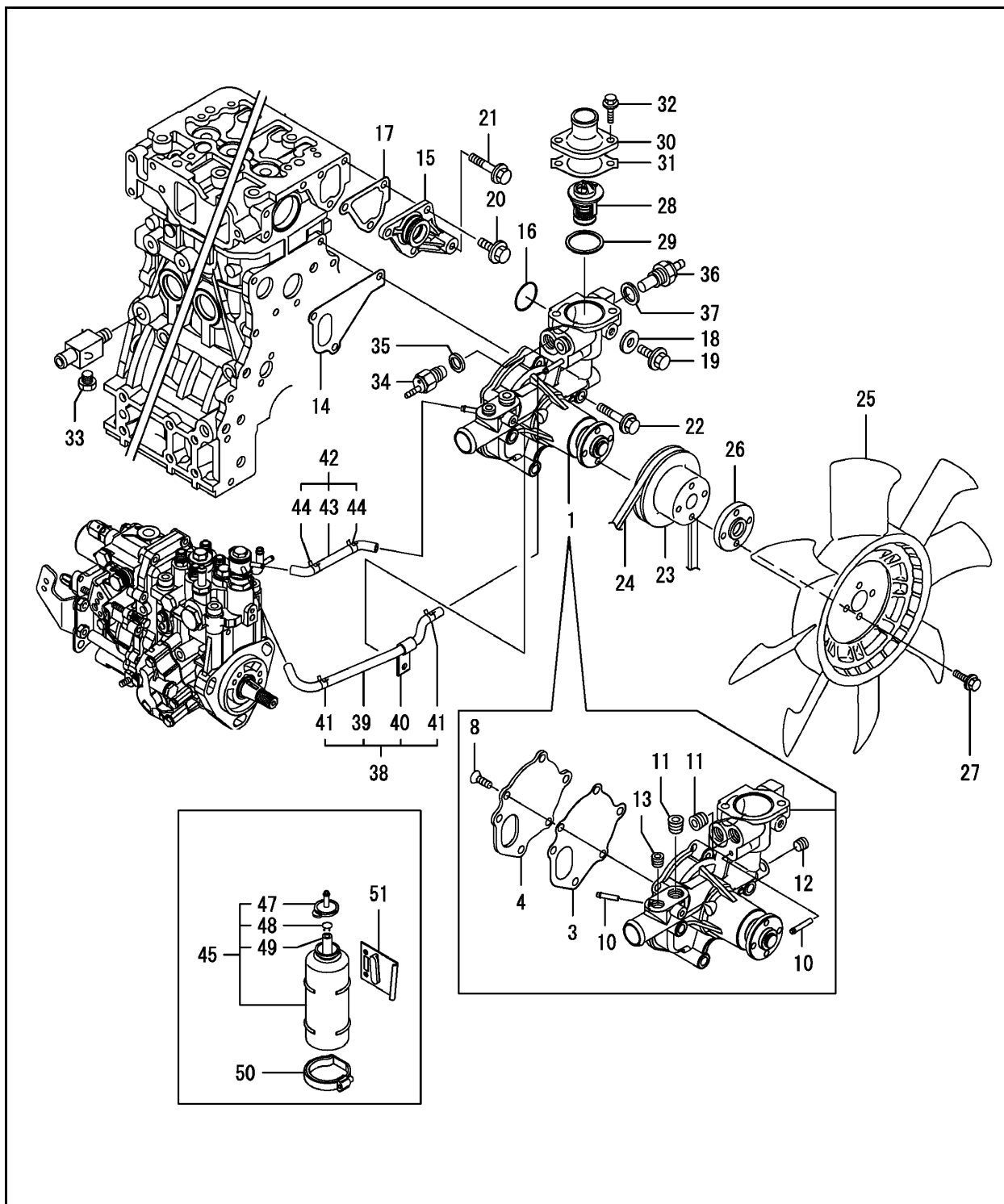
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-34808	TAPPET	8	14	425-34805	BOLT M8 X 40 PLATED	3
2	188603	PUSH ROD	8	15	425-36187	BOLT	4
3	425-34806	CAMSHAFT ASSEMBLY	1	16	188479	INJECTION PUMP GEAR	1
8	188736	BOLT/M8X14PLATED	2	17	188692	FLANGE	1
9	270956	IDLER GEAR SHAFT	1	18	188712	SPRING WASHER14	1
10	270957	IDLER GEAR ASSY (Includes Ref. No. 13)	1	19	188755	LOCK NUT M14 PLATED	1
13	270958	IDLER GEAR BUSHING	1				

AL 540 - ENGINE CRANKSHAFT, PISTON



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	197851	CRANKSHAFT ASSY	1	17	188563	RING SET	4
2	188573	PARALLEL PIN 8 X 16	1	21	425-35936	PISTON PIN	4
4	270960	CRANKSHAFT GEAR	1	22	425-35937	CIRCLIP 26	8
5	425-34810	KEY 7 X 14	1	23	425-34698	CONNECTING ROD ASSY	4
7	138117	SPRING PIN	1	27	425-34659	ROD BOLT	8
8	188475	CRANKSHAFT V-PULLEY	1	28	425-34660	ROD BEARING SET	4
9	425-34817	WASHER	1	30	425-34699	PISTON PIN BUSHING	4
10	425-34818	BOLT	1	31	270962	ROD BEARING SET (US=0.25)	4
11	425-34693	FLYWHEEL BOLT	6	33	188564	PISTON ASSY (OS=0.25)	4
12	188707	FLYWHEEL ASSY	1	35	188565	RING SET (OS=0.25)	4
14	425-34694	RING GEAR	1				
15	188562	PISTON ASSY	4				

AL 540 - ENGINE COOLING SYSTEM

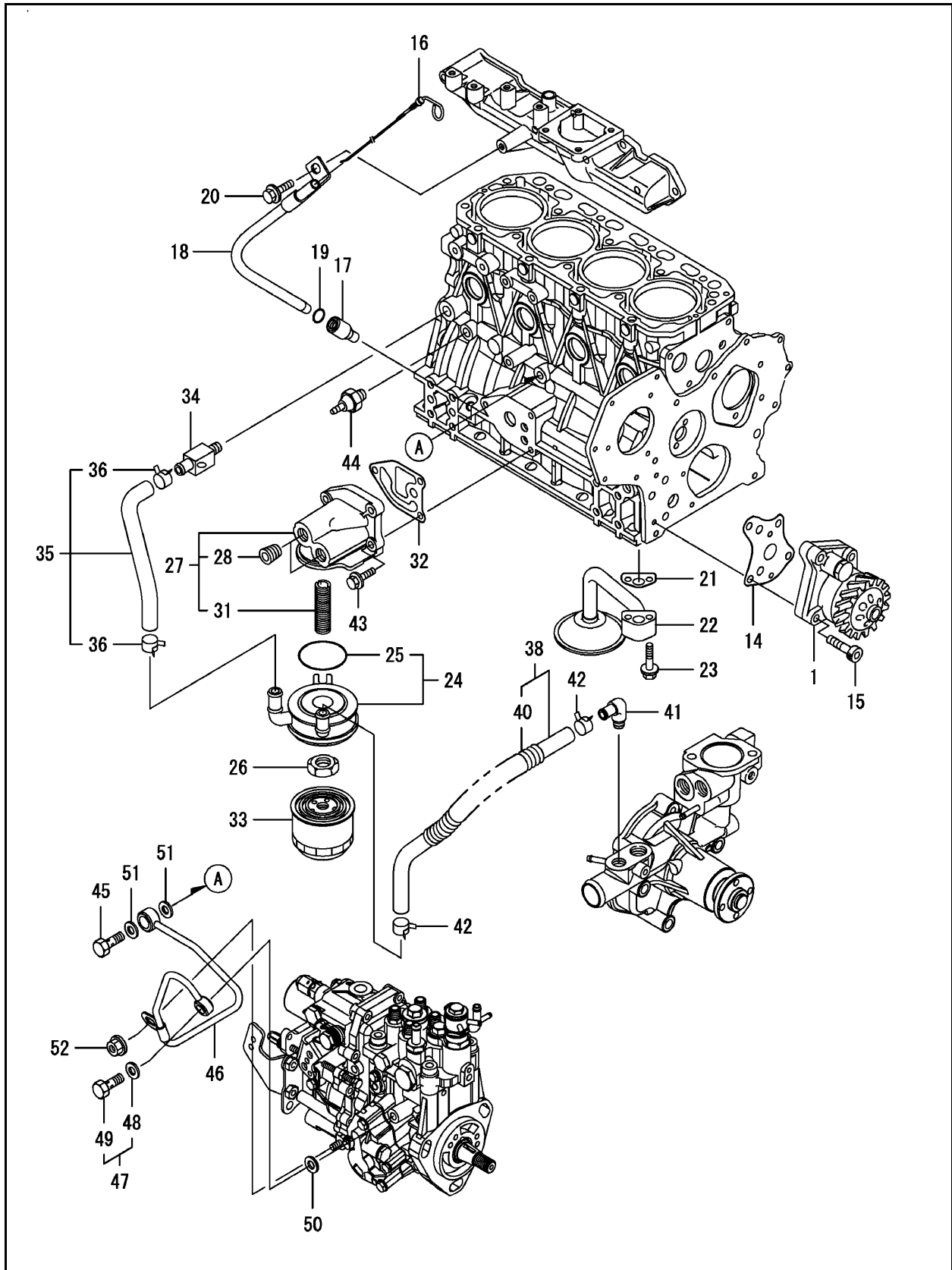


AL 540 - ENGINE COOLING SYSTEM

Ref. No.	Part No.	Description	Qty.
1	188549	WATER PUMP ASSY	1
3	188578	GASKET/NON-ASB	1
4	188579	PLATE	1
8	188512	SCREW	3
10	188488	JOINT	2
11	188686	DRAIN PLUG	2
12	425-36239	PLUG	1
13	186602	PLUG 1/4	1
14	425-36263	GASKET	1
15	188550	JOINT	1
16	425-36262	O-RING	1
17	425-34849	GASKET	1
18	425-34727	SEAL WASHER 8S	1
19	425-34729	BOLT M8 X 12 PLATED	1
20	425-34733	BOLT M8 X 16 PLATED	3
21	425-34747	BOLT M8 X 45 PLATED	1
22	425-34838	BOLT M8 X 60 PLATED	3
23	425-36261	V-PULLEY	1
24	188730	V-BELT	1
25	203876	COOLING FAN	1
26	425-34842	SPACER, FAN	1
27	188732	BOLT M6 X 20 PLATED	4
28	425-34661	THERMOSTAT	1
29	425-34705	LOWER GASKET	1

Ref. No.	Part No.	Description	Qty.
30	425-34843	THERMOSTAT COVER	1
31	425-34704	UPPER GASKET	1
32	138520	BOLT M8 X 22 PLATED	2
33	270970	DRAIN PLUG	1
34	425-34683	THERMOSTAT SWITCH 110° C	1
35	160427	SEAL	1
36	138076	THERMOMETER	1
37	425-34707	GASKET	1
38	188551	PIPE ASSY/AMP2	1
39	188553	PIPE ASSY/AMP2	1
40	186339	CLAMP CW-T	1
41	186464	CLAMP 9	2
42	188552	PIPE ASSY/BMP2	1
43	188554	PIPE/WATER BMP2	1
44	186464	CLAMP 9	2
45	190845	SUB-TANK ASSY	1
47	188526	CAP	1
48	186461	CLAMP	1
49	188720	PIPE 7 X 230	1
50	425-36235	CLAMP	1
51	425-36152	SUB-TANK BRACKET	1

AL 540 - ENGINE LUBRICATION

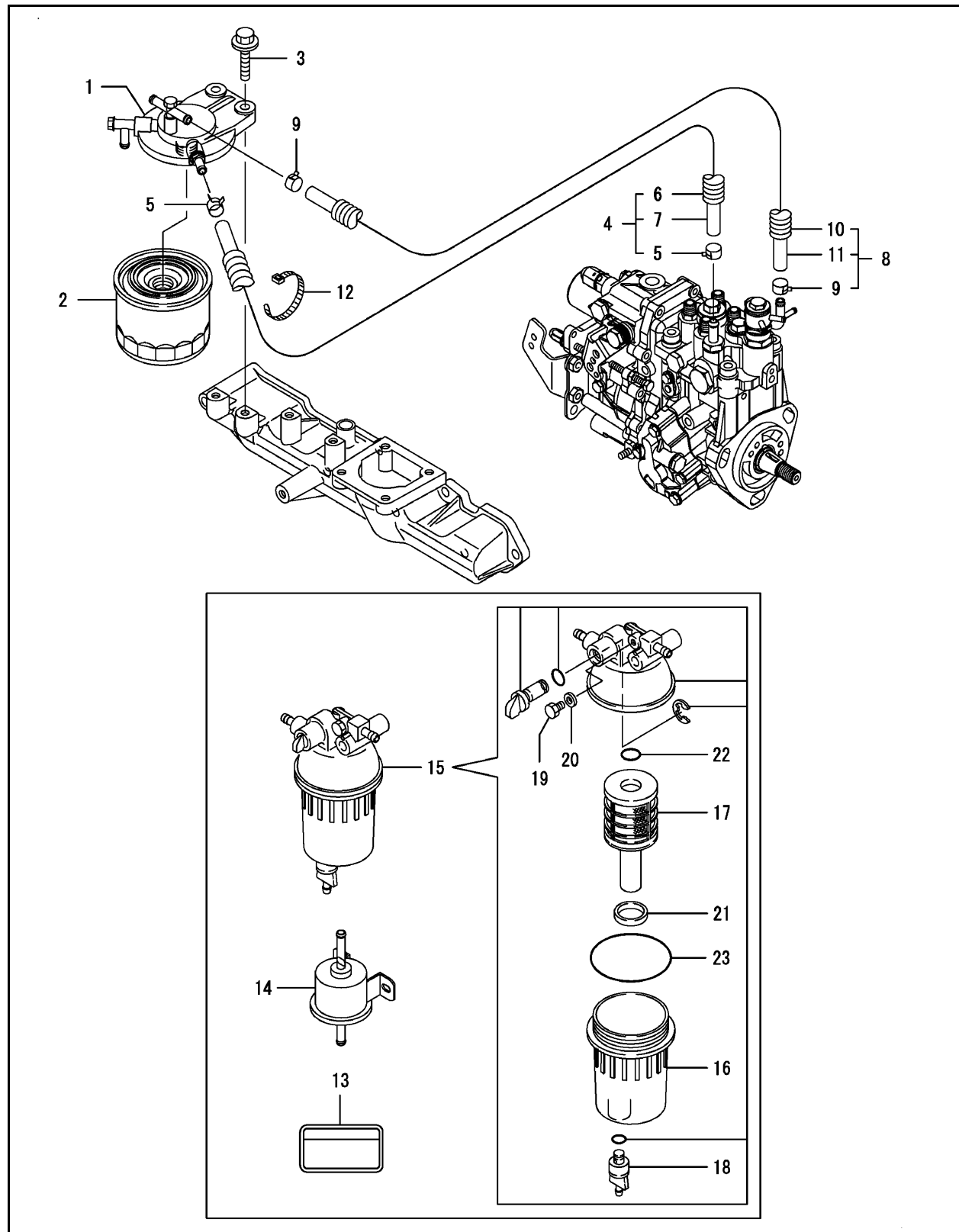


AL 540 - ENGINE LUBRICATION

Ref. No.	Part No.	Description	Qty.
1	425-34700	OIL PUMP ASSEMBLY	1
14	425-34701	OIL PUMP GASKET	1
15	425-34823	BOLT M6 X 25	4
16	192301	DIPSTICK	1
17	425-34825	TUBE EXTENSION	1
18	188485	TUBE	1
19	425-34827	O-RING 1A P-10A	1
20	425-34733	BOLT M8 X 16 PLATED	1
21	425-35425	GASKET/EXHAUST MANIFOLD	1
22	192277	OIL PIPE ASSY	1
23	425-34761	BOLT M8 X 35 PLATED	2
24	197497	OIL COOLER ASSY	1
25	192279	O-RING	1
26	188633	NUT	1
27	197491	BRACKET ASSY	1
28	270965	PLUG/NPT 1/2	2
31	188634	STUD	1
32	270963	GASKET (NON-ASB)	1
33	195568	OIL FILTER	1

Ref. No.	Part No.	Description	Qty.
34	188567	JOINT	1
35	197492	COOLER PIPE ASSY	1
36	188693	CLAMP 18.5	2
38	197513	PIPE CMP./COOL. WATER	1
40	197505	CORRUGATED TUBE	1
41	188584	PIPE THREAD ELBOW 1/4	1
42	188718	CLAMP 18	2
43	425-34765	BOLT M8 X 25 PLATED	3
44	425-34684	OIL PRESSURE SWITCH	1
45	425-34835	PIPE JOINT BOLT	1
46	188487	OIL PIPE ASSY	1
47	186468	JOINT BOLT ASSY	1
48	425-34750	SEAL WASHER 8S	1
49	186600	JOINT BOLT 3	1
50	425-34750	SEAL WASHER 8S	1
51	425-35958	SEAL WASHER 10S	2
52	425-34781	NUT M6	1

AL 540 - ENGINE FUEL LINE

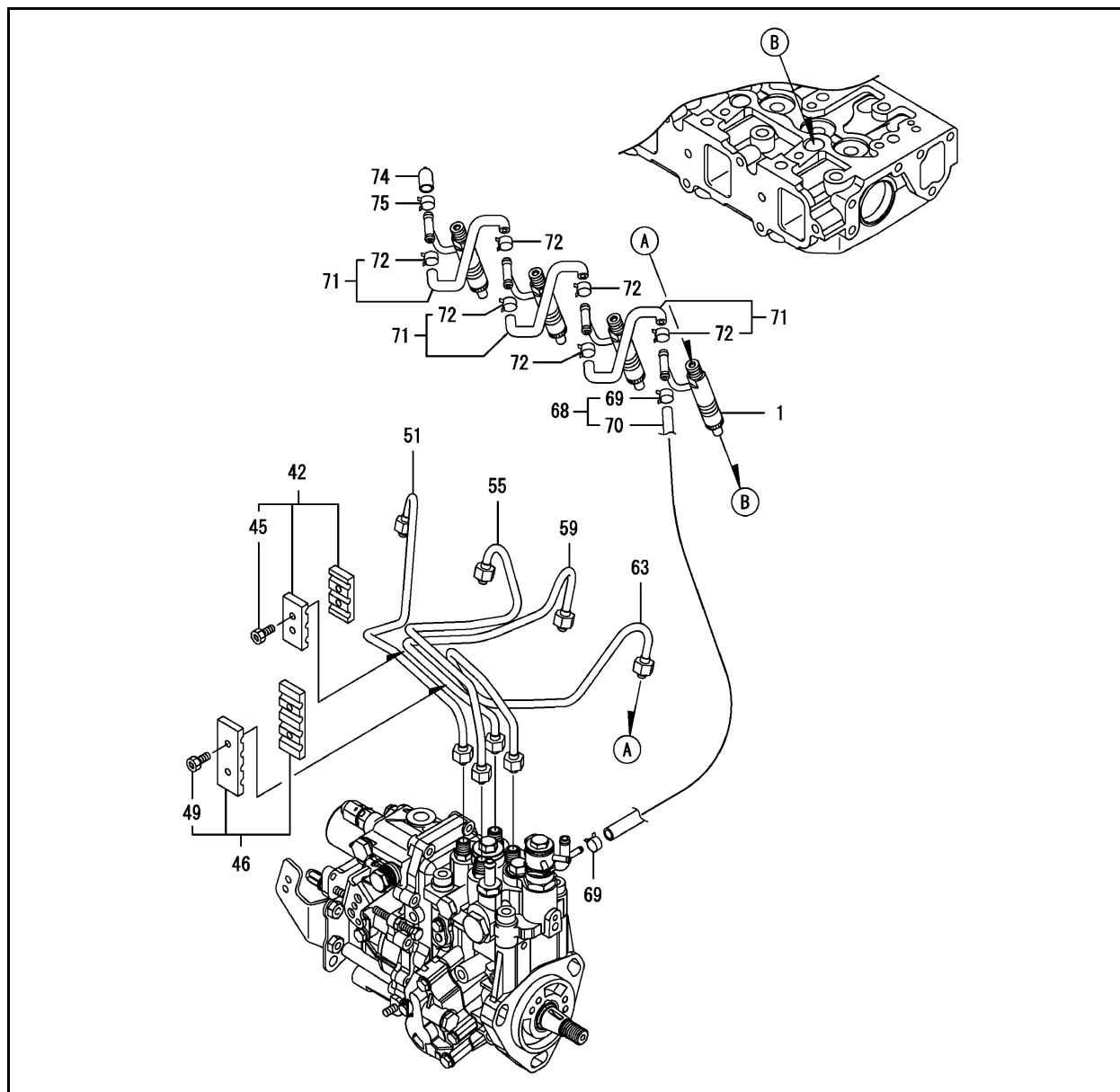


AL 540 - ENGINE FUEL LINE

Ref. No.	Part No.	Description	Qty.
1	186467	BRACKET FILTER	1
2	270979	FILTER/FUEL OIL	1
3	425-34760	BOLT M8 X 30 PLATED	2
4	188688	FUEL OIL PIPE ASSY	1
5	425-34916	CLAMP 12	2
6	188691	TUBE	1
7	188439	FUEL OIL PIPE	1
8	188689	FUEL OIL PIPE ASSY	1
9	425-34916	CLAMP 12	2
10	188690	FUEL PIPE PROTECTOR	1
11	188440	FUEL OIL PIPE	1
12	137953	CLAMP	1
13	197868	DECAL	1

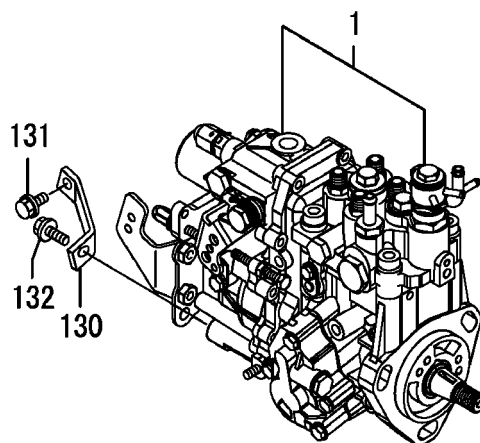
Ref. No.	Part No.	Description	Qty.
14	186308	PUMP ASSY FUEL FEED	1
15	188492	SEPARATOR ASSY	1
16	203821	CUP	1
17	203822	FILTER	1
18	203823	DRAIN PLUG	1
19	203824	BREATHER PLUG	1
20	203825	BREATHER SEAL	1
21	203826	DECAL	1
22	425-34744	O-RING 1A P-16.0	1
23	203827	O-RING	1

AL 540 - ENGINE FUEL INJECTION VALVE



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	270974	FUEL INJECTOR ASSY	4	68	188493	RETURN PIPE ASSY	1
42	425-35452	CLAMP	1	69	186464	CLAMP 9	2
45	186473	BOLT M4X14 HEX.SCKT.	2	70	188494	FUEL RETURN PIPE	1
46	425-34908	CLAMP	1	71	186481	FUEL RETURN PIPE	3
49	186473	BOLT M4X14 HEX.SCKT.	2	72	186464	CLAMP 9	6
51	188662	INJECTION LINE	1	74	188451	CAP	1
55	188663	INJECTION LINE	1	75	188517	CLAMP10	1
59	188664	INJECTION LINE	1				
63	188665	INJECTION LINE	1				

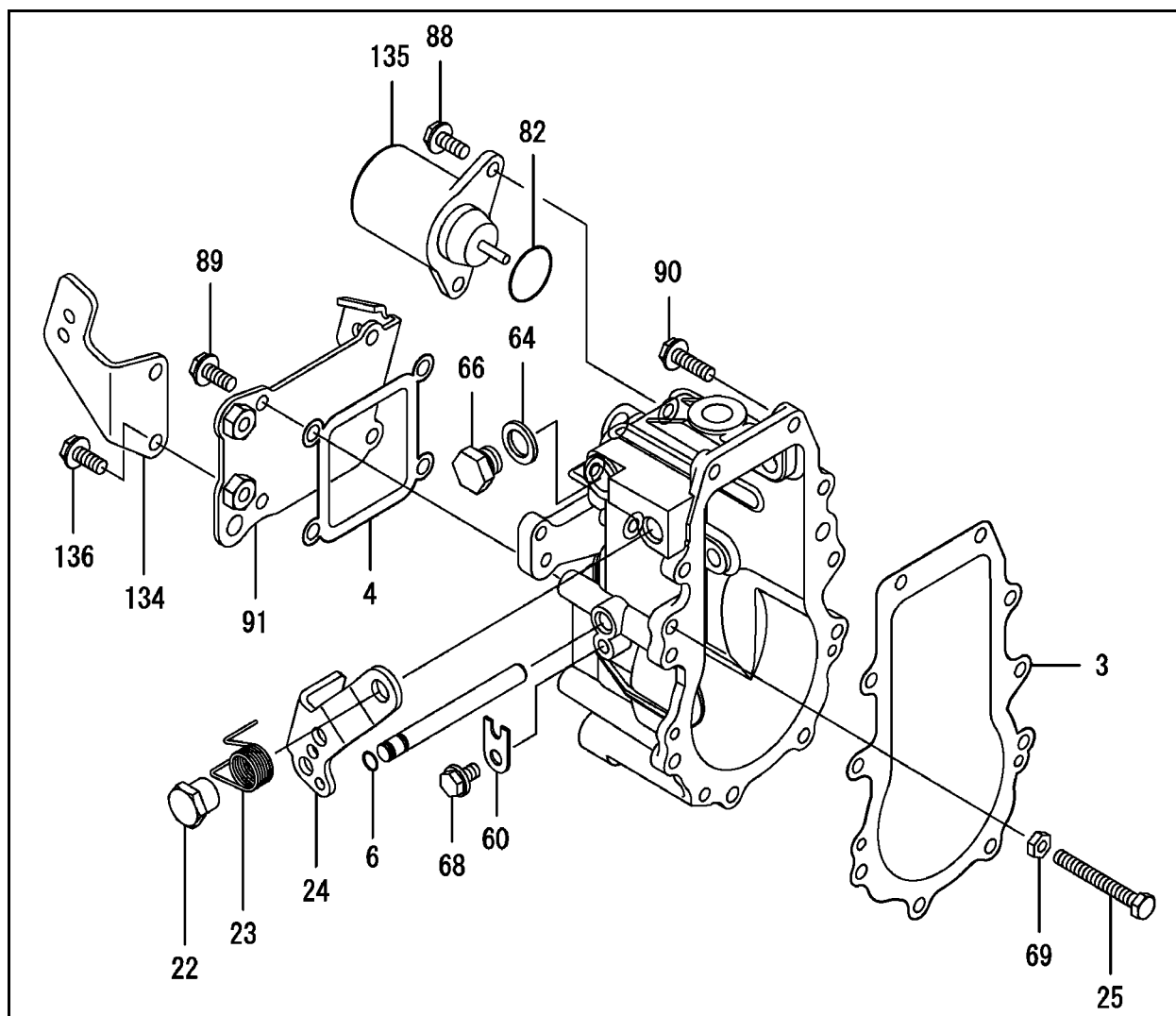
AL 540 - ENGINE FUEL INJECTION PUMP



Ref.

No.	Part No.	Description	Qty.
1	203880	FUEL INJECTION PUMP ASSY	1
130	188661	SUPPORT/FIP	1
131	425-34733	BOLT M8 X 16 PLATED	1
132	425-34746	BOLT M8 X 20 PLATED	1

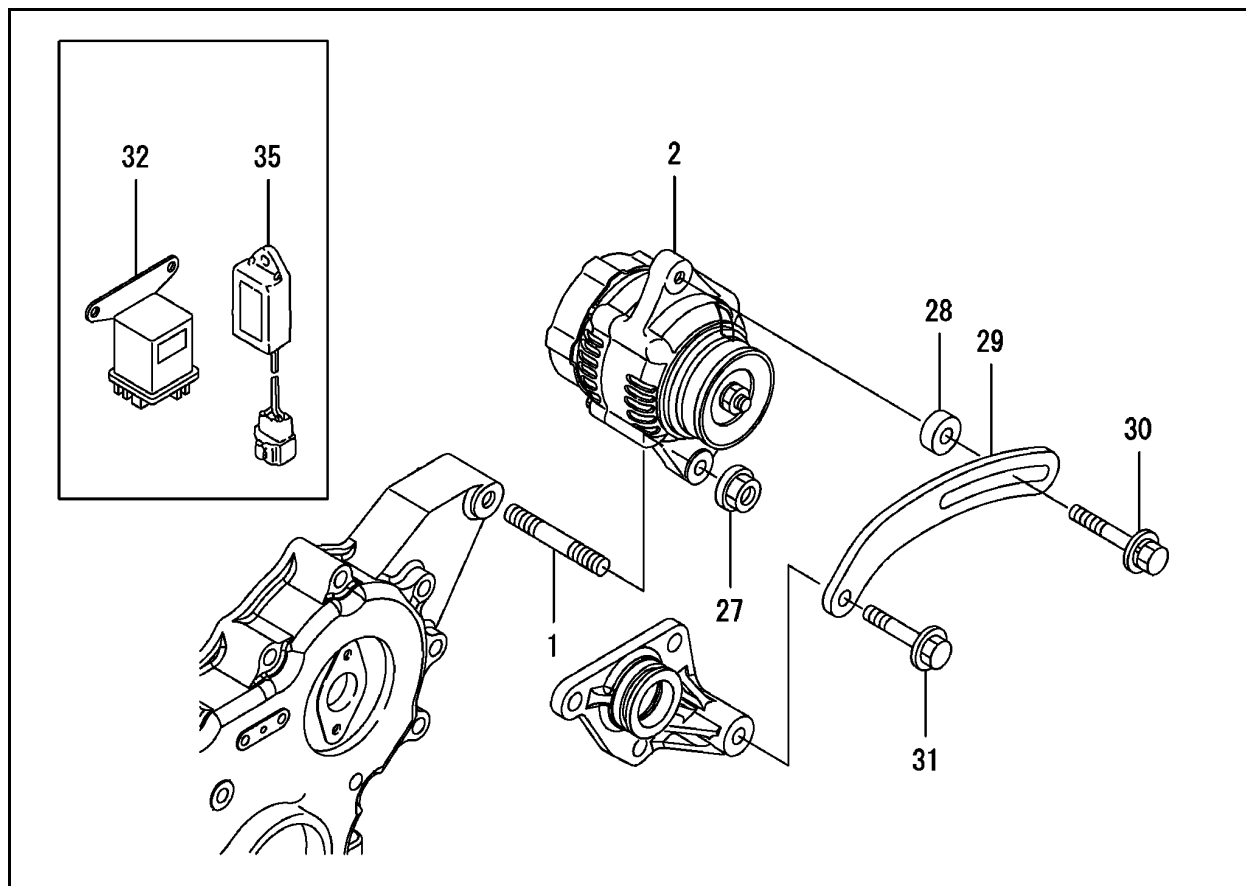
AL 540 - ENGINE GOVERNOR



Ref. No.	Part No.	Description	Qty.
3	192280	GASKET	1
4	192281	GASKET	1
6	425-34678	O-RING	1
22	192283	NUT	1
23	192284	SPRING	1
24	192285	REGULATOR LEVER	1
25	425-34981	IDLE LIMIT BOLT	1
60	425-35352	SHAFT RETAINER	1
64	270972	SEAL WASHER 12	1
66	425-35174	PLUG 22	1
68	425-35263	BOLT M6 X 10 PLATED	1
69	425-34781	NUT M6	1

Ref. No.	Part No.	Description	Qty.
82	270973	O-RING	1
88	425-35962	BOLT M6 X 14	2
89	425-35962	BOLT M6 X 14	4
90	188732	BOLT M6 X 20 PLATED	10
91	176149	CASE COVER	1
134	176150	CABLE SUPPORT BRACKET	1
135	425-35925	SOLENOID STOP	1
136	425-35962	BOLT M6 X 14	2

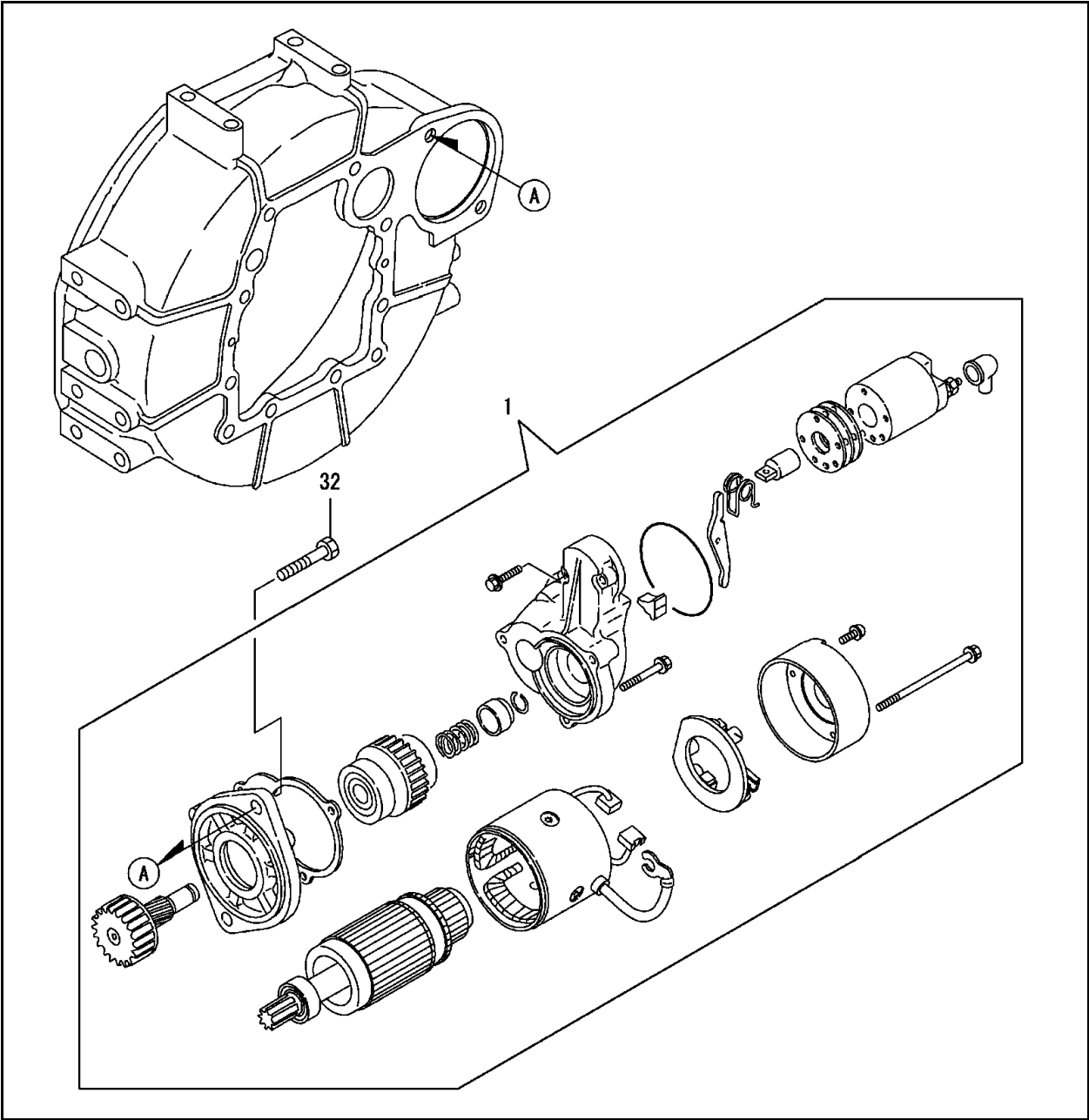
AL 540 - ENGINE ALTERNATOR



Ref. No.	Part No.	Description	Qty.
1	186484	STUD	1
2	270984	ALTERNATOR ASSY	1
28	188500	BELT ADJUSTER	1
29	188495	BELT ADJUSTER	1
30	192273	ADJUSTER BOLT	1

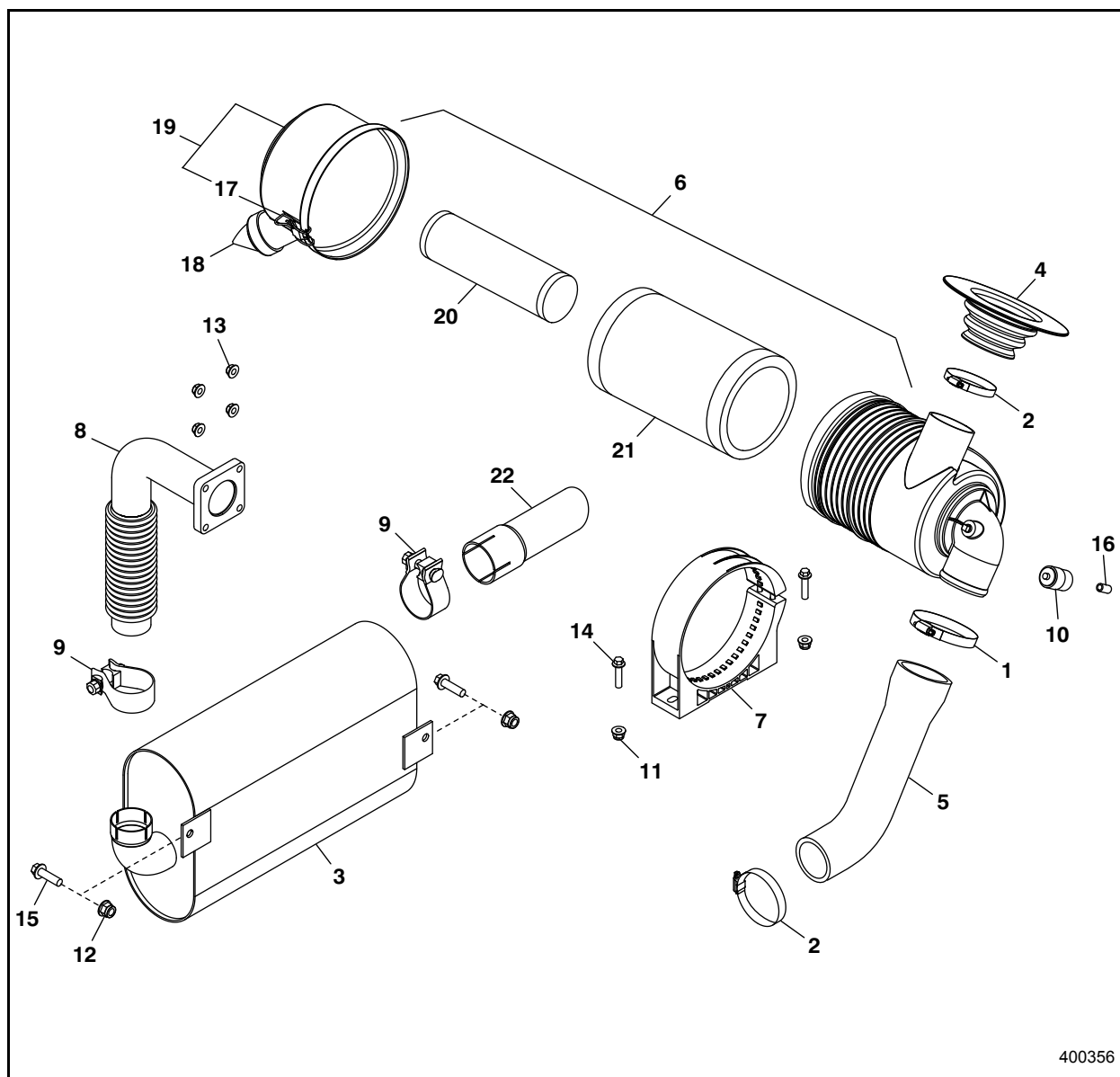
Ref. No.	Part No.	Description	Qty.
31	425-34747	BOLT M8 X 45 PLATED	1
32	137946	RELAY/GLOW	1
35	138089	TIMER	1

**AL 540 - ENGINE
STARTER**



Ref.	No.	Part No.	Description	Qty.
1	188586	STARTER		1
32	188748	BOLT M12 X 25 PLATED		2

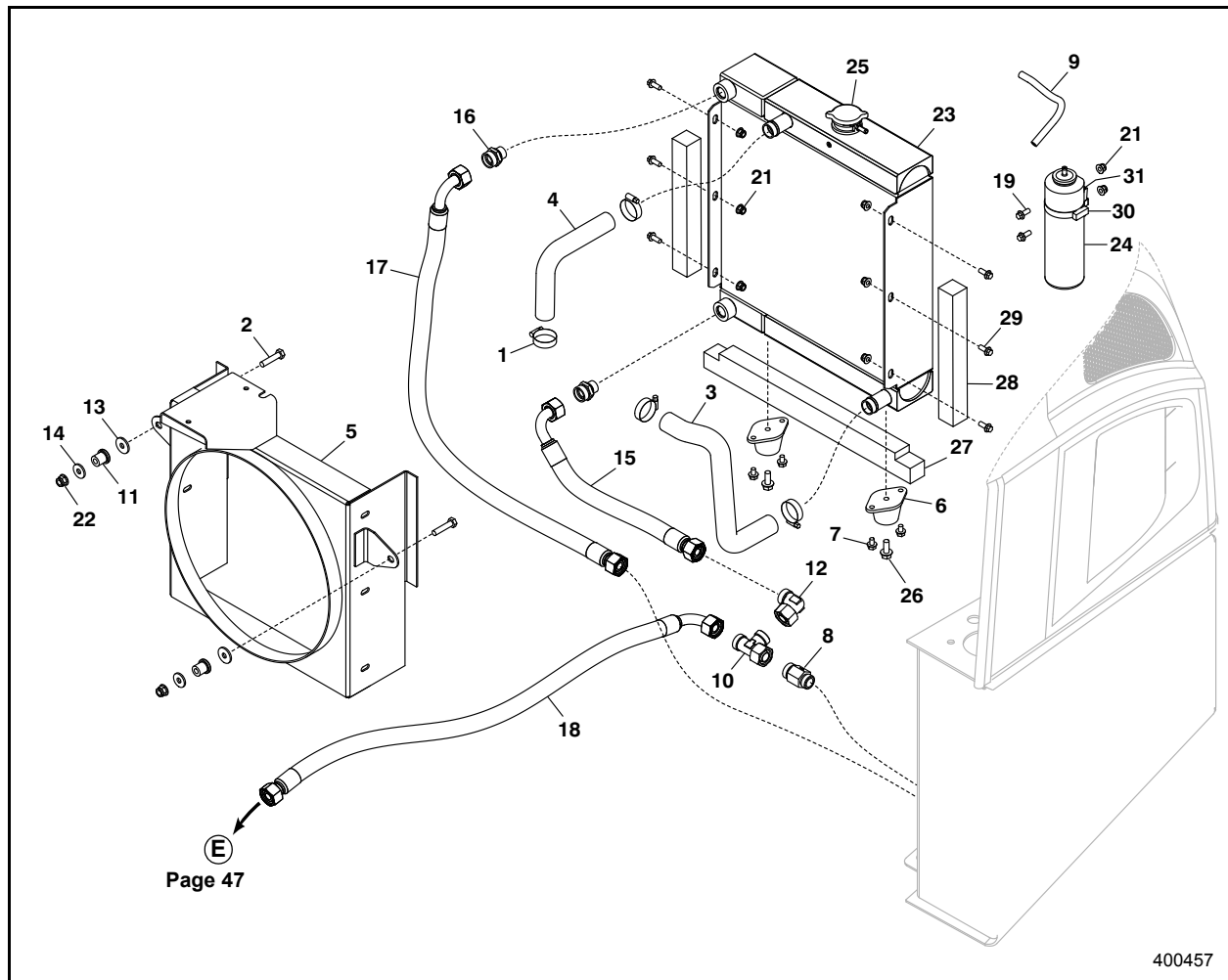
AL 540 - ENGINE INTAKE/EXHAUST COMPONENTS



400356

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	087849	CLAMP/HOSE #52	1	13	651711	LN FL CTR M8-1.25 C8 ZY DIN6927	4
2	087850	CLAMP/HOSE #40	2	14	651720	CS FL M8-1.25X35 C8.8 ZY DIN1662	2
3	275000	MUFFLER/SPARK ARRESTING	1	15	651698	CS FL M10-1.50X35 C8.8 ZY DIN1662	2
4	176202	INLET/RUBBER BELLOWS	1	16	660068	NIPPLE/CLOSE PIPE 1/8	1
5	176313	HOSE/AIR CLEANER	1	17	L99933	LATCH	3
6	176333	AIR CLEANER/6" (Includes Ref. Nos. 17-21)	1	18	L99932	VALVE/VACUATOR (Dust Unloader)	1
7	176334	BRKT/6" PLASTIC	1	19	420-35785	CUP ASSY (Includes Ref. No. 17)	1
8	176819	WELDMENT/EXHAUST	1	20	270741	FILTER/SAFETY	1
9	201175	CLAMP/MUFFLER 2.00 TORCA	2	21	270740	FILTER/PRIMARY	1
10	420-18160	INDICATOR (Air Restriction)	1	22	271983	TAIL PIPE	1
11	651706	LN INST FL M8-1.25 C8 ZY DIN6926	2				
12	651707	LN INST FL M10-1.50 C8 ZY DIN6926	2				

AL 540 - ENGINE RADIATOR



Ref. No.	Part No.	Description	Qty.
1	055335	CLAMP/HOSE	4
2	656011	CS M10-1.5X45 C8.8 ZY DIN931	2
3	175519	HOSE/RADIATOR	1
4	175520	HOSE / UPPER RADIATOR	1
5	176301	WDMT/FAN SHROUD	1
6	176309	MOUNT/RADIATOR	2
7	176652	CS FLH M8-1.25X12 C8.8ZY SP DIN1665	4
8	272272	VALVE/CHECK 30PSI MC22-MORB12	1
9	201179	HOSE/OVERFLOW	1
10	201236	TEM SV RN F24C22 M24C22 **	1
11	201481	MOUNT/CENTER BONDED	2
12	270069	90M SV F24C22 M24C22 **	1
13	270104	WASHER/HEAD	2
14	270105	WASHER/TAIL	2
15	270295	HOSE/MP 12 X 470MM *	1
16	270417	STM M24C22 MORB10 **	2

Ref. No.	Part No.	Description	Qty.
17	271094	HOSE/MP 12 X 1030MM *	1
18	272000	HOSE/MP 12 X 1100MM *	1
19	651689	CS FL M8-1.25X20 C8.8 ZY DIN1662	2
21	651706	LN INST FL M8-1.25 C8 ZY DIN6926	8
22	651707	LN INST FL M10-1.50 C8 ZY DIN6926	2
23	175518	COOLER/HOC/RAD	1
24	425-36233	WATER BOTTLE	1
25	139476	CAP/RADIATOR	1
26	176653	CS FLH M10-1.5X25 C8.8ZY SP DIN1665	2
27	272357	FOAM/BOTTOM	1
28	272358	FOAM/SIDE	2
29	651713	CB M8-1.25X25 C8.8 ZY DIN603	6
30	425-36235	BAND (CLAMP)	1
31	425-36152	BRACKET/SUB-TANK	1

* See Page 90 for HP hose/o-ring information.

** See Page 89 for o-ring/seal/description information.

FITTINGS WITH O-RING/SEAL RING COMPATIBILITY

Fitting Part Number	Compatible Seal Ring Part Number	Compatible O-Ring Part Number
068938	--	055897
176353	270564	--
176354	270565	--
176355	270564	--
176356	270565	--
176357	270569	--
176358	270564	--
176359	270565	--
176362	--	270545
176364	--	270538
176365	--	270539
176366	--	270540
176367	--	270538
176370	270565	--
176371	--	270541
176375	270567	--
176376	270566	--
176508	--	270537
176509	270567	--
176510	270565	--
176511	270563	--
176512	270566	--
176513	270564	--
176523	--	270537
176524	--	270540
176525	--	270541
176526	--	270539
176527	--	270540
176528	270562	--
176529	270568	--
176530	270563	--
176531	270566	--
176532	270566	--
176541	--	270541
176542	--	270541
176778	--	270540

Fitting Part Number	Compatible Seal Ring Part Number	Compatible O-Ring Part Number
176779	--	270538
176800	270567	--
176883	270563	--
176884	270565	--
176885	270567	--
201061	270562	--
201236	--	270542
201251	--	270544
201279	--	270542
270069	--	270542
270075	--	270544
270208	--	270537
270213	270563	--
270227	--	270539
270236	--	270538
270414		058674
270415	--	048953
270416	--	055897
270417	--	055898
271636	270565	--
271754	--	274852
272272	--	048953
272380	--	048953
272768	270563	--
272867	--	048953
273270	--	055898
273697	--	270542
273812	270569	--
273956	--	270542
274401	--	055898
274405	--	271309

AL 540 - HP HOSE / O-RING COMPATIBILITY

HOSE / O-RING COMPATIBILITY

Hose Part Number	Compatible O-Ring Part Number	Hose Part Number	Compatible O-Ring Part Number	Hose Part Number	Compatible O-Ring Part Number
176740	270538	201090	270540	271332	270539
176741	270538	201091	270539	271333	270539
176742	270538	201092	201092	271334	270539
176743	270540	201094	270542	271342	270538 (2)
176744	270540	201095	270538	271343	270541
176745	270538	201096	270542	271344	270542
176746	270538	201118	270542	271391	270538
176749	270538	201119	270540	271524	270541
176750	270538	201120	270542	271526	270541
176751	270540	201122	270541	271464	271309 (6L) 270537 (8L)
176753	270540	201123	270538	271705	270538
176754	270538	201124	270538	271708	270540
176755	270538	201125	270538	271758	274854
176757	270540	201126	270538	271882	270538
176758	270540	201128	201128	271885	270538
176759	270540	201129	270537	271994	270538
176760	270542	201130	270537	271995	270538
176761	270538	201131	271309 (6L) 270537 (8L)	271999	270542
176762	270540	270283	270542	272000	270542
176763	270538	270290	270541	272025	270539
176764	270538	270291	270539	272026	270539
176765	270542	270292	270539	272027	270539
176766	270541	270294	270544	272207	270538 (2)
176767	270541	270295	270542	272217	270538 (2)
176768	270541	270300	270537	272474	270538 (2)
176847	270541	270305	270540	272475	270538 (2)
176848	270541	270371	270538 (2)	273197	270538
176849	270541	270374	270538 (2)	273334	270542
201081	270538	270375	270538 (2)	273380	270538
201082	270540	270391	271361	273381	270540 (2)
201083	270540	270392	271361	273402	271309 (6L) 270538 (10L)
201084	270539	271094	270542	273487	270538
201085	270539	271195	270538	273492	270538 (2)
201086	270539	271196	270540	273510	270539
201087	270539	271328	270540	273513	270539
201088	270539	271329	270539		
201089	270540				

AL 540 - ABBREVIATIONS AND DESCRIPTIONS FOR FITTINGS

Hose Part Number	Compatible O-Ring Part Number
273515	270539
273581	270540
273612	270542
273698	270542
273699	271309 (6L) 270538 (10L)
273718	270538
273775	270539
273777	270539
273807	270539
273814	270540
273823	270539
273852	270538 (2)
273875	270538

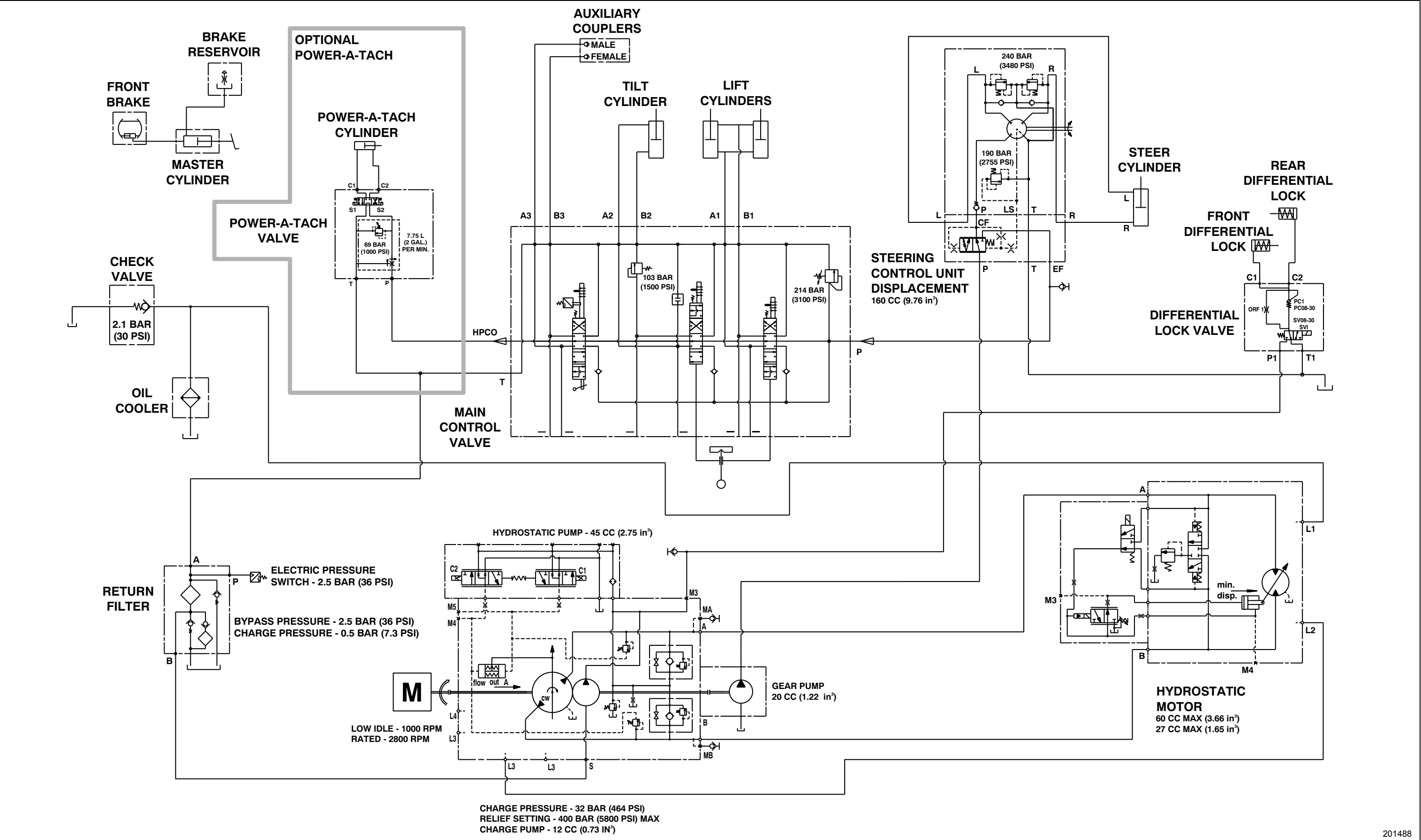
Hose Part Number	Compatible O-Ring Part Number
273876	270538
273880	270538
273882	270540
273963	270542
274124	270540 (2)
274128	270539
274206	270540
274207	270540
274208	270540
274261	270540
274263	270540 (2)
274276	270538 (2)
274277	270538 (2)
274310	270542

Hose Part Number	Compatible O-Ring Part Number
274329	270537
274337	270545 (20S) 271361 (62-12)
274338	270545 (20S) 271361 (62-12)
274351	270538
274367	270541
274988	270542
275259	270542 (2)
275404	270542 (2)

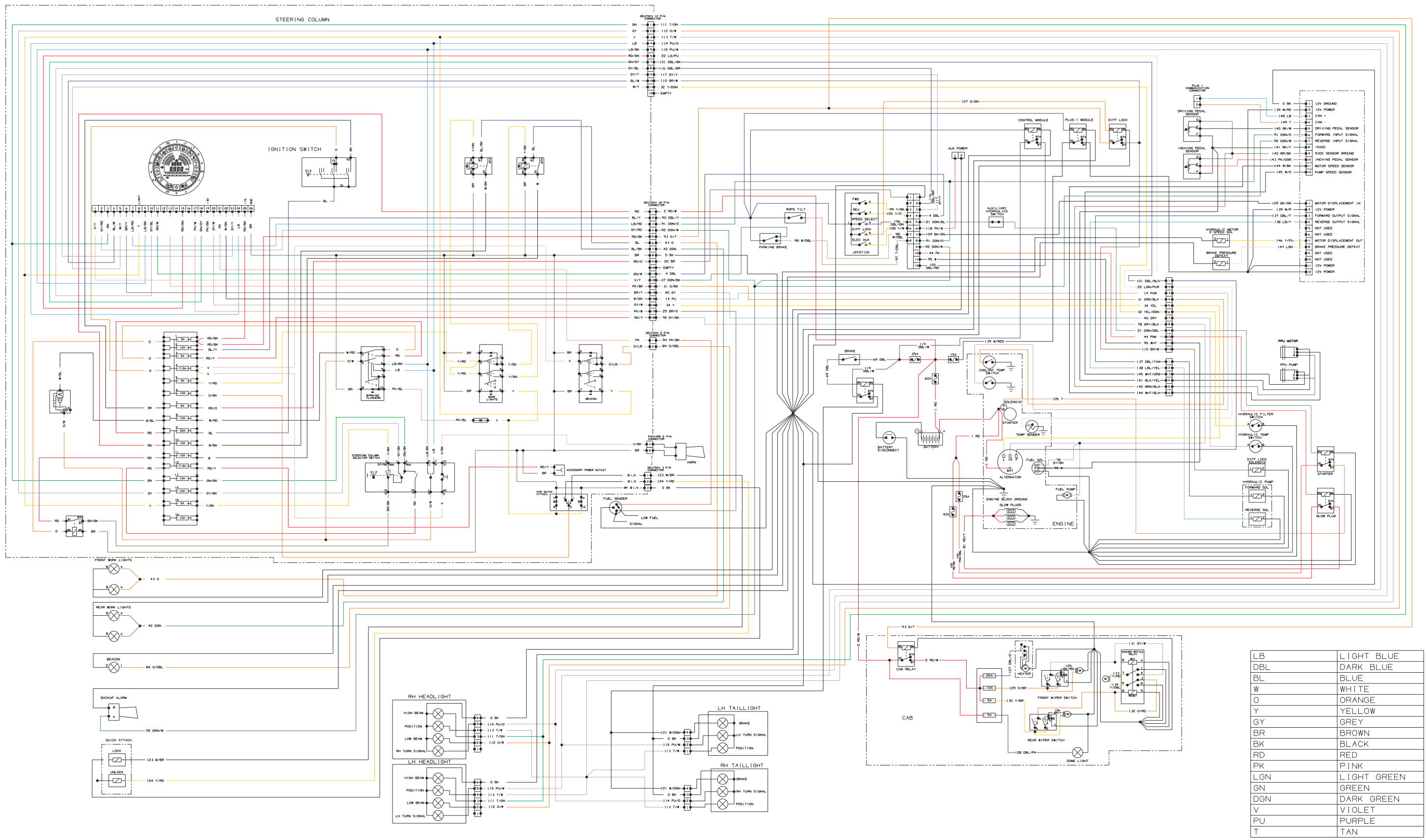
ABBREVIATIONS AND DESCRIPTIONS FOR FITTINGS

Abbrev.	Description
A, AJ	Adjustable
BJ	Banjo
BK	Bulkhead
BR	Branch
FBSP	Female British Std. Parallel Pipe End
F24C	Female 24° Cone Tube End
HPM	Hollow Hex Plug Metric
M24C	Male 24° Cone Tube End
MBSP	Male British Std. Parallel Pipe End
MMPT	Male Metric Port Thread End
MORB	Male SAE O-ring Boss End

Abbrev.	Description
90M	90° Metric
RD	Reducer
RN	Run
STM	Straight Metric
SV	Swivel
TEM	Tee Metric
WSM	Weld Spud Metric



AL 540 - SCHEMATICS
ELECTRICAL - SN 50252 - 51241



LB	LIGHT BLUE
DBL	DARK BLUE
BL	BLUE
W	WHITE
O	ORANGE
Y	YELLOW
GY	GREY
BR	BROWN
BK	BLACK
RD	RED
PK	PINK
LGN	LIGHT GREEN
GN	GREEN
DGN	DARK GREEN
V	VIOLET
PU	PURPLE
T	TAN