

GROUP

**E**

LUBRICATION SYSTEM

LUBRICATION SYSTEM

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LIST OF ILLUSTRATIONS

(NOTE:- THE TEXT DOES NOT NECESSARILY INCLUDE ALL THE ITEMS REFERENCED)

Plate

OIL TANK, FILTER AND COOLER

E1

Item No.	Catalogue Number	Item Name	Item Description	No. Off	Plate Ref.	Drawing No.	Remarks
1		LUBRICATION SYSTEM -				E1	
2	LV9ASC/2805-99-815-7431	TANK, OIL, LUBRICATION SYSTEM					
3	LV9ASC/2590-99-815-7353	JOINT, OIL TANK COVER		1	1-6	FV59612	
4	LV9ASC/2590-99-815-7352	COVER PLATE, ACCESS		5		FV50394	
5	G1/5305-99-941-0686	SCREW, MACHINE	UNC, steel, hex hd, zinc coated, 1/4 in. x 5/8 in.	5	2	FV50391	
6	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	40	3		Cover plate
7	LV9ASC/5330-99-815-7370	GASKET	front cover	40		FV51991	
8	LV9ASC/FV58693	COVER	oil tank, front; w/connections	1	4		
9	G1/5305-99-941-0686	SCREW, MACHINE	UNC, steel, hex hd, zinc coated, 1/4 in. x 5/8 in.	1			
10	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	8			
11	LV6MT1/88506	PLUG, SCREWED	BSP.F, brass, 1/2 in.	1	5		
12	LV9ASC/5330-99-815-6328	GASKET	copper, 0.825 in. id	1	6	FV51892	
13	LV9ASC/2805-99-866-2280	FILLER NECK		1	7-10	FV58922	
14	LV9ASC/2805-99-815-7382	CAP, OIL FILLER		1	8-10	FV55518	
15	G1/GA15082	CHAIN	brass, solid link, no. 4	as req			
16	G1/GA14230	RING,	keep split, 3/4 in. id	2	9		
17	G1/5320-99-120-4788	RIVET, SOLID	steel, flat hd, 1/8 in. x 1/4 in.	1	10		
18	LV9ASC/5330-99-815-7373	GASKET,	filler tube	1		FV51994	
19	G1/5305-99-941-0686	SCREW, MACHINE	UNC, steel, hex hd, zinc coated, 1/4 in. x 5/8 in.	3			Filler e
20	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	3			to tank
21	LV9ASC/2930-99-815-7661	BRACKET, FILLER AND BREATHER TUBE		1		FV50400	
22	G1/5305-99-941-0685	SCREW, MACHINE	UNC, steel, hex hd, zinc coated, 1/4 in. x 1/2 in.	2			Bracket to fan cowl
23	G1/5305-99-941-0686	SCREW, MACHINE	UNC, steel, hex hd, zinc coated, 1/4 in. x 1/2 in.	1			Bracket to filler tube
24	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	3			Bracket screws
25	LV9ASC/2940-99-866-2283	TUBE ASSEMBLY OIL TANK BREATHER		1	11	FV58929	
26	LV9ASC/5330-99-815-7371	GASKET	oil tank breather tube	1			
27	G1/5305-99-941-0686	SCREW, MACHINE	UNC, steel, hex hd, zinc coated, 1/4 in. x 5/8 in.	3			Breather tube to tank
28	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	3			
29	LV6MT6/4720-99-805-7774	HOSE, RUBBER	synthetic, 3/4 in. id	as req	12		Breather tube
30	LV6MT1/4730-99-200-8880	CLAMP, HOSE	worm drive type, 1-1/8 in. to 1-5/8 in.	4	13		
31	LV6MT6/4720-99-805-7729	HOSE, RUBBER	synthetic, 1 in. id	as req			Breather
32	LV9ASC/5340-99-866-2276	CLAMP, LOOP	steel, Cd plated, 3/4 in. id	1	14	FV53253	Breather pipe
33	LV9ASC/5307-99-866-2275	STUD, SHOULDER	UNF, steel, 5/16 in. x 1-3/8 in.	1	15	FV53252	
34	G1/GA19171	WASHER, LOCK	steel, int, flat, zinc coated, 5/16 in.	1			Breather pipe clamp to hull
35	G1/5310-99-941-0925	NUT, PLAIN, HEXAGON	UNF, steel, zinc coated, 5/16 in.	2			
36	LV9ASC/2805-99-815-7455	TUBE AND SPRING STRIP ASSEMBLY, DIPSTICK		1	16	FV52687	
37	LV9ASC/5330-99-815-7372	GASKET,	dipstick tube	1			
38	G1/5305-99-941-0686	SCREW, MACHINE	UNC, steel, hex hd, zinc coated, 1/4 in. x 5/8 in.	3			Dipstick tube to tank
39	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	3			
40	LV9ASC/2590-99-815-7454	DIPSTICK, LIQUID QUANTITY		1	17	FV52685	
41	LV9ASC/4730-99-815-7698	HOSE ASSEMBLY, RUBBER	Sump to tank	1	18	FV55174-2	
42	LV9ASC/4720-99-815-7607	HOSE ASSEMBLY, RUBBER	generator drain	1	19	FV55540	
43	LV9ASC/2990-99-815-7696	COOLER, OIL, VEHICULAR		1	20	FV59234	
44	LV6MT1/4730-99-801-1466	ADAPTOR, SCREWED, PIPE	BSP.F, steel, 3/4 in.	2	21		
45	LV9ASC/5330-99-815-6329	GASKET	copper, 1.041 in. id	2		FV51893	
46	G1/5305-99-941-0526	SCREW, MACHINE	UNF, steel, hex hd, zinc coated, 5/16 in. x 7/8 in.	2			Cooler to hull bracket
47	G1/GA19171	WASHER, LOCK	steel, int, flat, zinc coated, 5/16 in.	2			
48	LV9ASC/2930-99-815-7668	BUSH, MOUNTING, OIL COOLER		1	22	FV51390	
49	LV9ASC/2930-99-815-7663	SPACER, MOUNTING, OIL COOLER		1	23	FV50414	
50	LV9ASC/FV50497	BOLT	oil cooler mounting	1	24		

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1		LUBRICATION SYSTEM - Contd			<b>E1</b>		
2	G1/5310-99-941-3525	NUT, SELF-LOCKING, HEXAGON	UNF, steel, nylon insert, zinc coated, 5/16 in.	1	25		
3	LV9ASC/4720-99-815-7697	HOSE ASSEMBLY, RUBBER	tank to cooler	1	26	FV55174-1	
4	LV9ASC/2930-99-815-7678	HOSE ASSEMBLY, RUBBER	cooler to sump	1	27	FV55175	
5							
6	LV6MT1/2940-99-814-1037	FILTER, FLUID PRESSURE		1	28-39	10019	} British Filters
7	LV6MT1/2940-99-800-8038	HEAD CASTING	fluid filter	1	28	LF2/23	
8	X3/5330-99-406-9449	GASKET	head casting	1	35	FSP1/14	
9	LV6MT1/2940-99-800-8043	FILTER ELEMENT, FLUID PRESSURE		1	36	LF2/31B	
10	LV6MT1/2940-99-800-8042	RING, CASING		1	39	LF2/29	
11	LV10/2805-99-865-2631	GASKET	oil filter flange	1		FV142210	} Blanking flange
12	LV10/4730-99-865-4866	FLANGE, PIPE, BLIND	blanking oil filter connection	1		FV141794	
13	LV10/2805-99-865-2631	GASKET	oil filter flange	2		FV142210	
14	LV10/2805-99-865-2608	ADAPTOR, FILTER HEAD TO PIPE		2		FV14214	
15	G1/5306-99-941-6544	BOLT, MACHINE	UNF, steel, hex hd, zinc coated, 1/4 in. x 7/8 in.	9			
16	G1/5310-99-120-2166	WASHER, LOCK	steel, single coil, sq section, zinc coated, 1/4 in.	9			
17	LV10/5307-99-865-4871	STUD, PLAIN	UNF, steel, 5/16 in. x 1.025 in.	3			
	G1/5310-99-120-7357	WASHER, LOCK	steel, single coil, sq section, zinc coated, 5/16 in.	3			} Oil filter to inductor manifold
19	G1/5310-99-941-0925	NUT, PLAIN, HEXAGON	UNF, steel, zinc coated, 5/16 in.	3			
20	LV9ASC/2510-99-815-6356	PLATE, MOUNTING	oil filter	1	48	FV55584	
21	G1/5310-99-120-2521	WASHER, LOCK	steel, int, flat, zinc coated, 3/8 in.	4			} Mounting plate to hull
22	G1/5310-99-941-0926	NUT, PLAIN, HEXAGON	UNF, steel, zinc coated, 3/8 in.	4			
23	LV9ASC/2930-99-815-7679	HOSE ASSEMBLY RUBBER	Sump to filter	1	49	FV55176	
24	LV9ASC/2805-99-815-7683	PIPE ASSEMBLY OIL	Sump to filter	1	50-51	FV55582	
25	G1/4710-99-960-4701	TUBING, STEEL	3/4 in. od to 20 SWG	as req			
26	LV6MT1/4730-99-801-1466	ADAPTOR SCREWED, PIPE	BSP.F, steel, 3/4 in.	1	50		
27	LV6MT1/37441	NUT, UNION PIPE	BSP.F, 3/4 in.	1	51		
28	LV6MT1/37408	NIPPLE, UNION PIPE	3/4 in. bore	1			
29	G1/5305-99-941-0713	SCREW, MACHINE	UNF, steel, hex hd, zinc coated, 3/8 in. x 7/8 in.	1			} Pipe clip to hull
30	G1/5310-99-120-2521	WASHER, LOCK	steel, int, flat, zinc coated, 3/8 in.	1			
31	LV9ASC/4720-99-815-7699	HOSE ASSEMBLY RUBBER	Filter to sump	1	53	FV55174-3	
32	LV9ASC/FV144558	PIPE	generator oil feed	1			
33	LV9ASC/FV147674	PIPE	wheel case seal	1			
34	LV6MT1/37427	NUT, UNION, PIPE	BSP.F, 1/4 in.	1			
35	LV6MT1/37390	NIPPLE, UNION, PIPE	1/4 in. bore	1			
36	LV10/5340-99-865-2078	CLAMP, LOOP	steel, rubber lined, 1/4 in.	1			} Wheelcase pipe
37	G1/5310-99-941-8569	WASHER, FLAT	steel, zinc coated, 3/16 in.	1			
	G1/5310-99-915-0503	WASHER, LOCK	steel, single coil, sq section, Cd plated, 3/16 in.	1			} Clamp to wheelcase
39	Z2/5310-99-101-2862	NUT, PLAIN, HEXAGON	BA, steel, zinc coated, no.2	1			
40	LV9ASC/2805-99-865-2626	PIPE ASSEMBLY	Relief valve to rocker	1		FV142177	
41	LV6MT1/37428	NUT, UNION	steel, 0.60 in. x 19 tpi	1			
42	LV6MT1/37395	NIPPLE, UNION, PIPE	steel, 5/16 in. bore	1			
43	LV6MT1/37427	NUT, UNION, PIPE	BSP.F, 1/4 in.	1			
44	LV6MT1/37390	NIPPLE, UNION, PIPE	1/4 in. bore	1			

# OIL TANK, FILTER AND COOLER

