

**GROUP**

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**NAVIGATOR INSTALLATION KIT**

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Item No.	Catalogue Number	Item Name	Item Description	No. Off	Plate Ref.	Drawing No.	Remarks
1							
2	LV6MT1/2590-99-816-7032	SHAFT ASSEMBLY, FLEXIBLE	3ft 4in. lg keyed pattern connections both ends	1		FV159925/14	
3	LV6MT1/2520-99-816-7042	GEAR ASSEMBLY, FLEXIBLE DRIVE	3.830 in.w x 4.236 in. lg x 1.313 in. h	1		FV604050	
4	G1/5305-99-941-0279	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 1/4 in. x 7/8 in.	2			} Gearbox to plate
5	G1/5310-99-941-8634	WASHER, FLAT	steel, zinc coated, 1/4 in.	2			
6	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	2			
7	G1/5310-99-941-0924	NUT, PLAIN, HEXAGON	UNF, P steel, zinc coated, 1/4 in.	2			
8	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	2			
9	G1/5305-99-941-0513	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 1/4 in. x 3/4 in.	2			
10	LV6MT1/2590-99-816-7033	SHAFT ASSEMBLY, FLEXIBLE		1		FV157945/2	
11	LV6MT1/2590-99-816-7034	SHAFT ASSEMBLY, FLEXIBLE	24 in. lg, keyed one end, female sq other end	1		FV426551/6	} Gearbox to speedo
12	LV6MT1/6680-99-802-0799	TRANSMITTER, ELECTROMAG	no.1, Mk 1, flexible drive, 24V	1		FV381711	} Gearbox to electromag
13	G1/5310-99-941-8634	WASHER, FLAT	steel, zinc coated, 1/4 in.	2			} Electromag to plate
14	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	2			
15	G1/5305-99-941-0513	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 1/4 in. x 3/4 in.	2			
16	NP	FOOTPLATE ASSEMBLY		1		FV597981	
17	G1/5305-99-941-0523	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 5/16 in. x 1/2 in.	2			} Footplate to bracket
18	G1/5310-99-120-2313	WASHER, LOCK	steel, int, flat, zinc coated 5/16 in.	2			
19	G1/5310-99-941-8634	WASHER, FLAT	steel, zinc coated, 1/4 in.	5			} Footplate assy to hull
20	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	5			
21	G1/5306-99-941-0287	BOLT, MACHINE	UNF, S steel, hex hd, zinc coated, 1/4 in. x 2-1/4 in.	5			
22	LV6MT1/2920-99-881-4219	FILTER, RADIO INTERFERENCE	unit no.2, Mk 1	1		FV494546	
23	G1/5305-99-941-0511	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 1/4 in. x 1/2 in.	2			} Filter to footplate
24	G1/5310-99-941-8634	WASHER, FLAT	steel, zinc coated, 1/4 in.	2			
25	G1/5310-99-943-8479	WASHER, LOCK	steel, int, flat, zinc coated, 1/4 in.	2			
26	G1/5310-99-941-0924	NUT, PLAIN, HEXAGON	UNF, P steel, zinc coated, 1/4 in.	2			
27	W10/6605-99-520-5155	COMPUTER, NAVIGATION SET	land, vehicular	1		FV622690	
28	NP	MOUNTING TRAY ASSEMBLY		1		FV597969	
29	G1/5306-99-941-6409	BOLT, MACHINE	UNC, S steel, hex hd, zinc coated, 1/2 in. x 7 in.	2			} Fixing strap
30	G1/5310-99-941-8637	WASHER, FLAT	steel, zinc coated, 1/2 in.	2			
31	G1/5310-99-941-1663	NUT, PLAIN, HEXAGON	UNC, steel, zinc coated, 1/2 in.	2			
32	G1/5305-99-941-0512	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 1/4 in. x 5/8 in.	4			} Mounting brackets
33	G1/5310-99-941-8634	WASHER, FLAT	steel, zinc coated, 1/4 in.	4			
34	G1/5310-99-120-2166	WASHER, LOCK	steel, single coil, zinc coated, 1/4 in.	4			
35	G1/5310-99-941-0924	NUT, PLAIN, HEXAGON	UNF, P steel, zinc coated, 1/4 in.	4			} Mounting tray to hull
36	G1/5310-99-941-8386	WASHER, FLAT	steel, zinc coated, 5/16 in.	4			
37	G1/5310-99-120-2313	WASHER, LOCK	steel, int, flat, zinc coated 5/16 in.	4			
38	G1/5305-99-941-0525	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 5/16 in. x 3/4 in.	4			
39	NP	BOOM ASSEMBLY		1		FV597601	
40	NP	BOOM SUBASSEMBLY		1		FV597602	
41	LV6MT1/5310-99-816-7040	WASHER, FRICTION	fibre, laminated, 1-1/32 in. id x 3-1/2 in. od x 1/16 in. thk	2		FV597631	
42	Z2/5305-99-970-6145	SCREW, MACHINE	BA, br, hex hd, tin plated, no.2 x 1 in.	3			} Tee bolt
43	Z2/5310-99-101-1691	WASHER, LOCK	Phos.B, int, flat, zinc coated, no.2 BA	3			
44	Z2/5310-99-101-0364	NUT, PLAIN, HEXAGON	BA, br, zinc coated, no.2	3			
45	LV6MT1/5315-99-816-7041	PIN, STRAIGHT, HEADLESS	crs, 1/2 in.dia x 5-3/4 in. lg	1		FV597624	
46	G1/5310-99-101-0403	WASHER, FLAT	crs, 1/2 in.	4			} Pivot pin
47	G1/5315-99-944-0181	PIN, COTTER, SPLIT	steel, phos, 1/8 in. x 3/4 in.	2			
48	Z2/5310-99-948-0020	WASHER, FLAT	br, Cd P, no.6 BA	8			} Cover to outer boom
49	Z2/5305-99-101-0622	SCREW, MACHINE	BA, br, tin plated, no. 6 x 1/4 in.	8			

Item No.	Catalogue Number	Item Name	Item Description	No. Off	Plate Ref.	Drawing No.	Remarks
1		BOOM ASSEMBLY - Contd					
2		DETECTOR UNIT, MAGNETIC		2		FV622691	Detector units and outer cover to boom
3	W10/6605-99-520-5156	WASHER, FLAT	br, no.2 BA	10			
4	Z2/5310-99-100-9147	WASHER, LOCK	Phos. B, int, flat, zinc coated, no.2 BA	10			
5	Z2/5310-99-101-1691	WASHER, LOCK					
6	LV6MT4/5340-99-932-5189	CLAMP, LOOP	nylon, 3/8 in. o/a lg, 1/2 in. dia grip	6			
7	Z2/5305-99-948-0004	SCREW, MACHINE	BA, br, flat fil. hd, Cd P, no.4 x 1/2 in.	6			
8	Z2/5310-99-120-1873	WASHER, FLAT	br, Cd P, no.4 BA	12			Stops to boom
9	Z2/5310-99-915-6281	NUT, PLAIN, HEXAGON	BA, br, Cd P, no.4	6			
10	G1/5306-99-941-0281	BOLT, MACHINE	UNF, S steel, hex hd, zinc coated, 1/4 in. x 1-1/8 in.	8			Stops to boom
11	G1/5310-99-941-8634	WASHER, FLAT	steel, zinc coated, 1/4 in.	8			
12	G1/5310-99-941-0924	NUT, PLAIN, HEXAGON	UNF, P steel, zinc coated, 1/4 in.	8			Support plate to stops
13	G1/5310-99-101-7837	WASHER, FLAT	steel, zinc coated, 3/16 in.	2			
14	Z2/5305-99-120-1554	SCREW, MACHINE	BA, steel, hex hd, zinc coated, no.2 x 1/2 in.	2			Plugs to support plate
15	Z2/5305-99-941-9945	SCREW, MACHINE	BA, steel, flat fil. hd, Cd P, no.6 x 1/2 in.	8			
16	Z2/5310-99-941-8122	WASHER, FLAT	steel, Cd P, no.6 BA	8			Boom to mounting plate
17	Z2/5310-99-914-0940	NUT, PLAIN, HEXAGON	BA, steel, Cd P, no.6	8			
18	G1/5310-99-941-8635	WASHER, FLAT	steel, zinc coated, 3/8 in.	4			Boom assy to hull
19	G1/5305-99-941-0539	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 3/8 in. x 3/4 in.	4			
20	G1/5310-99-941-8637	WASHER, FLAT	steel, zinc coated, 1/2 in.	4			Boom assy to hull
21	G1/5310-99-120-2783	WASHER, LOCK	steel, int, flat, 1/2 in.	4			
22	G1/5305-99-941-0566	SCREW, MACHINE	UNF, S steel, hex hd, zinc coated, 1/2 in. x 1 in.	4			
23	LV6MT4/2590-99-816-7035	WIRING HARNESS		1		FV605583/3	
24	LV6MT4/5935-99-999-6367	SOCKET, ELECTRICAL	Al, free, male shell, size 16S, 7 pole	1		FV585052	
25	LV6MT4/5935-99-804-4625	GROMMET, BLANK	nylon, 0.11 in. dia x 0.41 in. lg	4		FV612065	
26	LV6MT4/5975-99-804-4123	BUSH, FERRULE, ELECTRICAL CONDUIT	w/knurled flange	2			
27	LV6MT4/5975-99-804-4273	FERRULE, ELECTRICAL CONDUIT	br, Cd P, 1/2 in. id x 11/16 in. od x 13/16 in. lg	2			
28	LV6MT4/9905-99-804-4136	BAND, IDENTIFICATION	Al, 7/8 in. w x 1 in. lg	2			
29	LV6MT4/5340-99-427-5723	CLIP	identification band	2			
30	LV6MT4/5975-99-804-4605	CONDUIT, ELECTRICAL, FLEXIBLE	shielded, 5/16 in. id, steel, c/w plastic outer covering	2	A/R		
31	Y3/6145-99-901-3547	CABLE, ELECTRICAL	single conductor, 19/0.006in	1			
32	LV6MT4/5935-99-802-7959	PLUG, ELECTRICAL	free, Al, 7 contacts, female shell, 12A, 700V dc	1		FV585051	
33	LV6MT4/2590-99-816-7036	WIRING HARNESS		1		FV605584/2	
34	LV6MT4/5935-99-999-6357	SOCKET, ELECTRICAL	Al, free, male shell, size 16S, 7 pole	1		FV585052	
35	LV6MT4/5935-99-804-4625	GROMMET, BLANK	nylon, 0.11 in. dia x 0.41 in. lg	6		FV612065	
36	LV6MT4/5975-99-804-4123	BUSH, FERRULE, ELECTRICAL CONDUIT	w/knurled flange	2			
37	LV6MT4/5975-99-804-4273	FERRULE, ELECTRICAL CONDUIT	br, Cd P, 1/2 in. id x 11/16 in. od x 13/16 in. lg	2			
38	LV6MT4/9905-99-804-4136	BAND, IDENTIFICATION	Al, 7/8 in. w x 1 in. lg	2			
39	LV6MT4/5340-99-427-5723	CLIP	identification band	2			
40	Y3/6145-99-901-3547	CABLE, ELECTRICAL	single conductor, 19/0.006in	1			
41	LV6MT4/5975-99-804-4605	CONDUIT, ELECTRICAL, FLEXIBLE	shielded, 5/16 in. id, steel, c/w plastic outer covering	2	A/R		
42	LV6MT4/5325-99-804-8114	GROMMET, RUBBER	syn	1		859856	Lucas
43	LV6MT4/5935-99-802-7959	PLUG, ELECTRICAL	free, Al, 7 contacts, female shell, 12A, 700V dc	1		FV585081	
44	LV6MT4/5935-99-809-0523	ELBOW ADAPTOR, ELECTRICAL PLUG-SOCKET	Al, 7/8 - 20 UNEF coupling nut, 90 deg angle	1		FV564841	
45	LV6MT4/5325-99-810-5172	GROMMET, RUBBER		1		FV585084	
46	LV6MT4/5340-99-805-0768	BUCKLE, STRAP, METALLIC	br, 1/4 in. w x 8 in. lg	1			
47	LV6MT4/2590-99-816-7037	WIRING HARNESS	2 conductors, 4 ft 7 in. lg	1		FV605586/TH	
48	LV6MT4/5935-99-881-9024	SOCKET, ELECTRICAL	Al, free, female shell, size 14S - 2P	1		FV585048	
49	LV6MT4/5975-99-881-2815	SLEEVE, IDENTIFICATION	inscribed A	1		FV175700/113	
50	LV6MT4/5975-99-881-2816	SLEEVE, IDENTIFICATION	inscribed B	1		FV175700/114	
51	LV6MT4/5975-99-804-4619	ELBOW, ELECTRICAL CONDUIT	Al, Cd P	1		FV564840	
52	LV6MT4/5325-99-804-4620	GROMMET, RUBBER		1		FV585082	

Item No.	Catalogue Number	Item Name	Item Description	No. Off	Plate Ref.	Drawing No.	Remarks
1		WIRING HARNESS - Contd					
2	LVGMT4/5975-99-804-5082	FERRULE, ELECTRICAL CONDUIT	br, Cd P, 9/32 in. id x 29/64 in. od x 1-1/64 in. lg	1			
3	LVGMT4/5975-99-804-4123	BUSH, FERRULE, ELECTRICAL CONDUIT	w/knurled flange	1			
4	LVGMT4/5975-99-804-4273	FERRULE, ELECTRICAL CONDUIT	br, Cd P, 1/2 in. id x 11/16 in. od x 13/16 in. lg	1			
5	LVGMT4/9905-99-804-1136	BAND, IDENTIFICATION	Al, 7/8 in. w x 1 in. lg	2			
6	LVGMT4/5340-99-427-5723	CLIP	identification band	2			
7	LVGMT4/5975-99-804-4605	CONDUIT, ELECTRICAL, FLEXIBLE	shielded, 5/16 in. id, steel c/w plastic outer covering	A/R			
8	LVGMT4/5310-99-805-6457	NUT, PLAIN, KNURLED	Whit form, steel, 0.692 in. x 24 tpi	1			
9	LVGMT4/5975-99-804-4641	FERRULE, ELECTRICAL CONDUIT	br, Cd P, 0.57 in. id x 0.925 in. od x 0.628 in. lg	1			
10	Y3/6145-99-901-2998	CABLE, ELECTRICAL	nyvin 16	A/R			
11	LVGMT4/5940-99-805-1349	TERMINAL LUG	steel, 0.193 in. dia hole	1			
12	LVGMT4/2590-99-816-7038	WIRING HARNESS	9 conductors, 17 ft 1 in. lg	1		FV605582/1T	
13	LVGMT4/2590-99-816-7039	WIRING HARNESS	9 conductors, 17 ft 1 in. lg	1		FV605582/2T	
14							
15		WIRING HARNESSES -					
16	LVGMT4/5935-99-902-6374	SOCKET, ELECTRICAL	5 MS, Al, free, female shell, size 18 - 10 P	1		FV585054	
17	LVGMT4/5935-99-804-4625	GROMMET, BLANK	nylon, 0.11 in. dia x 0.41 in. lg	3		FV612065	
18	LVGMT4/5975-99-804-4124	BUSH, FERRULE, ELECTRICAL CONDUIT	br, Cd P, 0.445 in. id x 0.569 in. od x 0.43 in. lg	2			
19	LVGMT4/5975-99-804-4269	FERRULE, ELECTRICAL CONDUIT	br, Cd P, 39/64 in. id x 13/16 in. od x 7/8 in. lg	2			
20	LVGMT4/9905-99-804-1136	BAND, IDENTIFICATION	Al, 7/8 in. w x 1 in. lg	A/R			
21	LVGMT4/5340-99-427-5723	CLIP	identification band				
22	Y3/6145-99-104-8900	CABLE, ELECTRICAL	terminal 22				
23	LVGMT4/5935-99-802-2667	PLUG, ELECTRICAL	free, Al, shell size 18-1P			FV585053	
24	LVGMT4/5935-99-804-5364	ELBOW ASSEMBLY, ELECTRICAL CONNECTOR		1		FV564842	
25	LVGMT4/5325-99-813-0430	GROMMET, RUBBER		1		FV585085	
26	LVGMT4/5975-99-810-5327	CONDUIT, ELECTRICAL, FLEXIBLE	PTFE	2			
27	LVGMT4/5340-99-805-3848	CLAMP, LOOP	steel, Cd P, double	4		FV246327/8	
28	LVGMT4/5340-99-805-3860	CLAMP, LOOP	steel, Cd P, treble	4		FV246328/8	
29		BOOM LAMP ASSEMBLY		1		FV598000	
30	Y3/6145-99-943-1824	CABLE, ELECTRICAL	1 conductor, 40/0.0076 in., glass braid, PCP insulation	A/R			
31	LVGMT4/5935-99-947-0585	CONTACT, ELECTRICAL	br, 10A ac/dc, 9/32 in. dia x 13/16 in. lg	4		FV229532	
32	Z12/5975-99-947-0584	CABLE NIPPLE, ELECTRICAL	syn rubber, u/w 1/8 in. od cable	4		FV229533	
33	LVGMT4/5975-99-881-2809	SLEEVE, IDENTIFICATION	inscribed 'tail'	1		FV175700/4	
34	LVGMT4/5935-99-805-0221	SOCKET, ELECTRICAL	double, 10A	1		FV169424	
35	Y3/6145-99-910-0005	CABLE ELECTRICAL, MINIATURE	2 conductors, 14/0.0076 in. PVC insulated, copper braid	A/R			
36	LVGMT4/5940-99-805-1273	TERMINAL, LUG	br, tin plated, 1/4 in. stud size	1			
37	LVGMT3/6220-99-816-7043	TAILLIGHT	1 lamp, double pole, red plastic lens	1		24/2D.P.	Flexible Lamp Ltd
38	X5/6240-99-995-2254	LAMP, FILAMENT	24 V, 6W, SEC, clear	1			
39	Z2/5310-99-100-9147	WASHER, FLAT	br, no.2 BA	3			Lamp to boom
40	Z2/5310-99-947-6815	NUT, PLAIN, HEXAGON	UNF, br, no.10	3			