

**GROUND EQUIPMENT
ENGINE CHANGING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and Illust'n No.
		1	2	3	4				
		ENGINE CHANGING EQUIPMENT							
		Consisting of:—							
4G/5571	—	Adaptor, servicing, ECU, Mk. 4				4	—		
4G/5971	—	Adaptor, transit and servicing, ECU				4	—		
95068	1U1153	HOIST, ENGINE, 1,800 lbs., GROUP				16	—	A	
		Spares for:—							
	6U1153	ADAPTOR, TUBE, GROUP				1	—		
	RANSOME & MARLES								
2A/9501342	No. MRJ/17	Bearing, roller				1	—	B	
	25U1153	Bolt, special, ½" BSF x .91" long				2	—		
28N/5559	AGS/899/12	Collar				2	—	C	
	2U1135	Hook, upper				1	—		
	18aU1135	Hook, lower				1	—		
	1U1290	Label, " ident "				1	—		
	30U1153	Pin, solid, ½" dia. x 2-8"				2	—		
28P/1007741	SP9/C8	Pin, split				2	—	C	
	28U1153	PLATE, SIDE, FOR PULLEY, GROUP				2	—		
	3U1135	Pivot, ¾" x ½" x 3½"				1	—		
	27U1153	Pulley, top				1	Mild Steel		
	31U1153	Pulley, bottom				1	—		
	5U1153	Screw, PK, type U, ¾" long				4	—		
	19U1153	TUBE, CENTRE, GROUP				1	—		
	26U1153	Tube, extension, 2" o/d x 1' 11" long				1	T45		
	33U1153	Tube, bearing, .67" dia. x 1-28" long				1	Mild Steel		
	25SS3703	Washer, saddle				2	Mild Steel		
	26SS3703	Washer, saddle				2	Mild Steel		
	27SS3703	Washer, saddle				2	Mild Steel		
	28SS3703	Washer, saddle				2	Mild Steel		
28W/9419466	SP13J	Washer, ¾" BSF				3	—	C	
	39U1153	Washer				2	Mild Steel		
	1U1157	WINCH, 2,000 lb., GROUP				1	—		
		Spares for:—							
	54U1157	BOX, GEAR, GROUP				1	—		
		Consisting of:—							
	34U1157	Housing, gear half, forward				1	DTD683		
	35U1157	Housing, gear, half, rear				1	DTD683		
	36U1157	Plate, cover				1	L72		
	37U1157	Bush, at gearbox				1	Phosphor Bronze		
	42U1157	Bush, at journal, " KLNJ.1 "				1	Phosphor Bronze		
	1U1162	CABLE, WINCH, GROUP				1	—		

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		1	2	3	4			St. M.R.	
		WINCH, 2,000 lb., (1U1157) (contd.)							
		Spares for:—							
	32U1157	Clutch, forward	1	S82		
	33U1157	Clutch, cog	...	...	...	1	S82		
	56U1157	HANDLE, HOLDING, GROUP	...			1	—		
	1U1305	HANDLE, WINDING, GROUP	...			1	—		
2A/9425754	RANSOME & MARLES KLNJ.1	Journal, ball, at clutch cog	...	...		2	—	B	
2A/9501180	RANSOME & MARLES KLNJ 3/4"	Journal, ball, forward of gearbox	...			1	—	B	
2A/9501183	RANSOME & MARLES KLNJ 1 1/2"	Journal, ball, at gearbox	...	...		1	—	B	
	50U1157	Lever, cam	...	...	...	1	S82		
	TECALEMIT NP5953	Nipple, grease, 3/8" BSF	...	...	...	1	—		
	49U1157	Pawl, gearbox	...	...	...	1	S82		
	30U1157	Pinion, free...	...	...	...	1	S96		
	31U1157	Pinion, fixed	...	...	...	1	S96		
	46U1157	Screw, adjusting, 1/2" BSF	...	...	...	1	S96		
	28U1157	Shaft, through clutch	...	...	...	1	S96		
	22U1157	Spring, at clutch	...	...	...	1	Spring Steel		
	51U1157	Spring, for cam lever	...	...	...	1	DTD239A		
	45U1157	Washer, special	...	...	...	1	Mild Steel		
	44U1157	Washer, spacing for ratchet wheel	...	...	...	1	Mild Steel		
	29U1157	Wheel, gear	...	...	...	1	S96		
	52U1157	Wheel, ratchet	...	...	...	1	S82		
	1U1304	WORM, WHEEL, GROUP	...			1	—		
95266	1U1579	HOIST, ENGINE, 2,500 lbs., GROUP	...			16	—	A	
		(Alternative to 1,800 lbs. Hoist—U1153)							
		Consisting of:—							
	2U1579	Adaptor	...	...	...	1	DTD304		
2A/9501342	RANSOME & MARLES MRJ/17	Bearing, roller	...	...	...	2	—	B	
	32U1579	Bolt, special, 3/8" BSF x 1-93" long	...	...	...	1	S96		
	25U1153	Bolt, special, 1/2" BSF x .61" long	...	...	...	2	S96		
	26U1579	Bracket, slinging	...	...	...	1	S96		
	15U1579	Chain, 6" long	...	...	...	4	V15		
	11U1579	Handle, lifting	...	...	...	1	Mild Steel		
	4U1579	HOOK, TOP, GROUP	...			1	—		
	13U1579	Hook, cable	...	...	...	1	S96		
	27U1579	Label, "Warning"	...	...	...	1	Brass		
	1U1290	Label, "Ident"	...	...	...	1	Brass		
	29U1579	Label, "Handling instructions"	...	...	...	1	L59		
28FP/37	33U1579	Nut, special, 3/8" BSF	...	...	...	1	L59		
	A714	Pin, quick release	...	...	...	3	S96	C	
	30U1579	Plate, swivel, RH	1	Mild Steel		
	31U1579	Plate, swivel, LH	1	Mild Steel		

VULCAN Mk. 1A

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		1	2	3	4			M.R.	
HOIST, ENGINE, 2,500 lbs. (U1579) (Contd.)									
	9U1579	Plate, side, LH	1	Mild Steel		
	10U1579	Plate, side, RH	...	...	...	1	Mild Steel		
	27U1153	Pulley, top	...	...	...	1	Mild Steel		
	31U1153	Pulley, bottom	...	...	...	1	Mild Steel		
	14U1579	Stop, cable	...	...	...	2	Mild Steel		
	12U1579	Tube, bearing, $\frac{1}{4}$ " o/d x 8 SWG x 2.03" long	...	...	...	1	T45		
	7U1579	Tube, spacing, $\frac{1}{8}$ " dia. x 1.26" long	...	...	...	1	T45		
	26U1153	Tube, extension, 2" o/d x 10 SWG x 2' 0" long	...	...	...	1	T45		
	3U1579	TUBE, MAIN, GROUP	...	...	...	1	—		
	34U1153	Washer, special	...	...	...	2	—		
	25SS3703	Washer, saddle	...	...	...	2	Mild Steel		
	26SS3703	Washer, saddle	...	...	...	2	Mild Steel		
	28SS3703	Washer, saddle	...	...	...	2	Mild Steel		
34B/100514	1U1580	WINCH, 2,500 LBS., GROUP	...	...	...	1	—	A	
		Spares for :—							
2A/	RANSOME & MARLES MJT1	Bearing, dual purpose	...	...	...	2	—	B	
	33U1580	BOX, GEAR, GROUP	...	...	...	1	—		
		Spares for :—							
	4U1385	Cover	...	...	...	1	L72 or L53		
	37U1157	Bush	...	...	...	1	Phosphor Bronze		
	30U1580	Bush	...	...	...	1	T35		
	35U1580	CABLE, GROUP	...	...	...	1	—		
	2U1580	Casing, drum, half	...	...	...	1	L53 or DTD304		
	3U1580	Casing, worm, half...	...	...	...	1	L53 or DTD304		
	32U1157	Clutch, forward	...	...	...	1	S82		
	33U1157	Cog, clutch	...	...	...	1	S82		
	19U1580	Cover	...	...	...	1	Mild Steel		
	13U1580	HANDLE, WINDING, GROUP	...	...	...	1	—		
		Spares for :—							
	41U1157	Block, screwed	...	...	...	1	—		
	1U1305	Handle	...	...	...	1	—		
	46U1157	Screw, adjusting, $\frac{1}{2}$ " BSF	...	...	...	1	S96		
	16U1580	Handle, holding	...	...	...	1	—		
2A/9425754	RANSOME & MARLES KLNJ1	Journal, ball, at clutch cog	...	...	...	2	—	B	
2A/9501182	KLNJ1 $\frac{1}{2}$ "	Journal, ball, at gearbox	...	...	...	1	—	B	
2A/9501180	KLNJ $\frac{3}{8}$ "	Journal, ball, forward of gearbox	1	—	B	
	28U1580	LEVER, CAM, GROUP	1	—		

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		1	2	3	4			M.R.	
		WINCH, 2,500 LBS., GROUP (U1580) (Cont'd)							
	TECALEMIT								
	NA/5702/1	Nipple, grease	6	—		
	20U1580	Pawl	...	...	...	1	S82		
	6U1385	Pinion, fixed	...	...	...	1	S96		
	7U1385	PINION, FREE, GROUP	...	...	...	1	—		
		Spares for :—							
	7bU1385	Bush	...	...	...	1	Phosphor Bronze		
	38U1157	Plate, cover...	...	...	...	1	Mild Steel		
	39U1157	Plate, bearing	...	...	...	1	Phosphor Bronze		
	8U1385	Shaft, clutch	...	...	...	1	S96		
	17U1580	Spindle	...	...	...	1	S96		
	22U1157	Spring, clutch	...	...	...	1	Spring Steel		
	44U1157	Washer, spacer, for ratchet	...	...	...	1	Mild Steel		
	43U1157	Washer, tab	...	...	...	1	Mild Steel		
	34U1580	Washer, spacer	...	...	...	1	Mild Steel		
	5U1385	Wheel, gear	...	...	...	1	S96		
	4U1580	WHEEL, WORM, GROUP	...	...	...	1	—		
		Consisting of :—							
	5U1580	Body, cable drum	...	...	...	1	L53		
	36U1580	Bolt, special, 3/8" BSF	...	...	...	5	S94 or 95		
95701	8U1580	Cable	...	...	...	1	—	C	
	6U1580	Drum, cable	...	...	...	1	EN3A		
	10U1580	Ring, 29 1/2" x 7/16" x 3/8" thick	...	...	...	1	Soft Felt		
28W/9419466	SP13/J	Washer, 3/8" BSF...	...	...	...	5	—		
	7U1580	Wheel, worm	...	...	...	1	BS/208/5		
	2U1335	WORM, GROUP	...	...	...	1	—		
	FISCHER	Spares for :—							
2A/9501243	LS8	Journal, ball	...	...	...	1	—	B	
2A/9500501	R&M LTD								
	LT.B 1/4"	Race, single thrust	...	...	...	1	—	B	
4GC/5625	—	SLING, LIFTING, TRANSIT AND SERVICING STAND, GROUP	...	...	...	1	—	A	
4GC/5640	—	SLING, OLYMPUS, ECU. 100, GROUP...	...	...	...	1	—	A	
95146	1U1255	SLING, JET PIPE, GROUP	...	...	...	1	—	A	
		Consisting of :—							
	2U1255	Bar, spreader	...	...	...	1	—		
	5U1255	Binding, wire	...	...	...	As reqd.	Copper		
28D/13678	A25/35E	Bolt, 1/4" BSF	...	...	...	2	—	C	
	4U1255	Cable, 5-cwt.	...	...	...	2	BS6 W2		
	7U1255	Chain, 6" long	...	...	...	2	V15		
	1U1005	Label, "ident"	...	...	...	1	Brass		
28M/12930	A27/ES	Nut, 1/4" BSF	...	...	...	2	—	C	
28P/1007741	SP9/C8	Pin, split, 1/8" x 1" long	...	...	...	2	—	C	
	AVIATION DEV.								
	No. 437	Pin, quick release	...	...	...	2	—	C	
28R/5410	A/AGS/890	Ring, lifting	...	...	...	1	—	C	
	8U1255	Ring, split, 3/4" i/d	...	...	...	2	Spring Steel		
	3U1255	Strap, webbing	...	...	...	2	—		
28Y/3005	B/AGS/136	Thimble, 0-17" dia. of groove	2	—	C	
28Y/3006	C/AGS/136	Thimble, 0-21" dia. of groove	2	—	C	

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		1	2	3	4			M.R.	
95067	1U1104	STAND, JET PIPE, OLYMPUS, GROUP				4	—	A	
	11U1104	Consisting of:— AXLE, GROUP				1	—		
28N/6924	18AGS899	Spares for:— Collar				2	—	C	
28N/6924	18AGS899	Collar				2	—	C	
28Q/12721	8U1104	Label				1	L16	C	
	SP9/H6	Pin, split				2	—	C	
	SP47/5	Washer, spring				8	—		
	12U1104	Wheel				2	Rubber		
	10U1104	Wheel, castor				2	—		
40B/1141	—	STAND, TRANSIT AND SERVICING, ECU, GROUP				4	—	A	
4G/6000	—	TRANSPORTER, OLYMPUS, ECU, MK. 1, GROUP				4	—	A	
95507	U1900	TROLLEY, ENGINE HOISTS, GROUP ...				1	—	A	
	3U1900	Spares for:— Castor				4	—		
	4U1900	Label				1	L59		
4G/5570	—	TROLLEY, ECU, SERVICING, MK. 4, GROUP				4	—	A	
95120	1U1240	TROLLEY, JET PIPE, OLYMPUS, 101, GROUP				1	—	A	
	5U1240	Spares for:— Castor				4	—		
	15U1240	Label				1	—		
95370	1U1606	TROLLEY, JET PIPE, HIGH, GROUP ...				1	—	A	
	HUGHES & CO.	Spares for:— Castor				4	—		
	655/SVT	Label				1	—		
	6U1606								



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