

RADIO-RADAR RANGING INSTALLATION

Ref. No.	Part No.	Description	No. Off					Material Specification	M.R. Class of Store	Plate No.
			1	2	3	4	5			
	E.232147	<b>RADAR RANGING INSTALLATION, ASSEMBLY</b>								
10D/18553	—	Box, junction, radar, type 370 ...					1	—	A.	
10D/19678	—	Box, junction, type 4493 ...					1	—	A.	
	B.234184	Box, relay, radar presentation, group (AS.830/30) ...					1	—	B.	
5X/3268	—	Block, terminal, 5-way ...					2	—	B.	
	A.212993	Lid ...					1	L.59		
	A.212709	Mounting, for relays ...					1	—		
	F.212710	Mounting, terminal block ...					1	—		
①	1178	Std.1606/44/B12					10	Brass	C.	5
	—	Cables, electrical (See Cable Chart) ...					—	—		
10HZ/970055	Plessey CZ.51538	Cap, protective, code 42, for bulkhead connector at frame 6					2	—	C.	
1587	F.191915	Clamp, cable at frame 1C ...					2	LFS.21	C.	
	Std.2045/27/22	Clip, sleeved ...					2	S.510 or S.511		
	4670	Std.840/23					1	DTD.610	C.	4
	4790	Std.840/32					1	DTD.610	C.	4
	6009	Std.840/36					3	DTD.610	MR/C	4
	Std.2045/21/24	Clip, sleeved ...					1	S.510 or S.511		
	F.230556	Clip, securing plug and socket ...					1	L.72		
10H/19439	—	Connector, bulkhead, code 41, 2-way ...					1	—	B.	
10H/19445	—	Connector, bulkhead, code 42, 3-way ...					4	—	B.	
10H/19451	—	Connector, bulkhead, code 43, 4-way ...					1	—	B.	
10H/19457	—	Connector, bulkhead, code 45, 6-way ...					2	—	B.	
10H/20746	Plessey CZ.61880	Connector, bulkhead, code 41 ...					1	—	B.	
	B.216549	Connector, inverter, type 206, group ...					1	—		
		Consisting of :—								
5F/5E/3038	—	Braid, flexible, T.C., size 1" ...					QR	—	C.	
5E/3042	—	Cable, unipren, 6 amp. ...					13 ft.	—	C.	
5X/2119	Plessey Z.22676/B	Cable, unipren, 24 amp. ...					4 ft.	—	C.	
		Ferrule, inner ...					2	—	C.	
5X/2122	Plessey Z.22675/B	Ferrule, outer ...					2	—	C.	
5X/3148	Plessey Z.49428	Sleeve ...					12	—	C.	
5K/3455	—	Sleeve, helsyn plus, J.P. x 3/4" ...					16	—	C.	
5X/6778	Plessey CZ.71757	Socket, climatic ...					2	—	B.	
5F/2036	—	Tube, 5/8" i/d ...					QR	P.V.C.	C.	
10HB/6614	E.227101/1	Connector, junction box (type 4493), to cathode follower					1	—	B.	
10HB/6615	E.227101/2	Connector, junction box (type 4493), to ranging unit					1	—	B.	
10HB/6616	E.227101/3	Connector, cathode follower unit (brown), to frame 6					1	—	B.	
10HB/7158	E.227101/4	Connector, ranging unit to frame 6 ...					1	—	B.	
10HB/7159	E.227101/5	Connector, frame 6 to GGS control unit ...					1	—	B.	
10HB/6617	E.227101/6	Connector, frame 6 to target rejection switch ...					1	—	B.	
10HB/6618	E.227101/7	Connector, junction box (type 370) (red), to frame 6					1	—	B.	
10HB/6619	E.227101/8	Connector, frame 6 to A.C. junction box ...					1	—	B.	
①	A.220549	Relay ...					1	—		
②	Std.2045/18/24	Clip, sleeved ...					1	S.510 or S.511		

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10HB/6620	E.227101/9					Connector, junction box (type 370) (grey), to frame 6	1	—	B.	
10HB/6621	E.227101/10					Connector, cathode follower unit (grey), to frame 6	1	—	B.	
10HB/6622	E.227101/11					Connector, junction box (type 4493) (white), to frame 6	1	—	B.	
10HB/6623	E.227101/12					Connector, frame 6 (Radar Lamps) to GGS control unit	1	—	B.	
10HB/6624	E.227101/13					Connector, junction box (type 370) (orange), to frame 6	1	—	B.	
10HB/6625	E.227101/14					Connector, frame 6 to frame 14	1	—	B.	
10HB/6626	E.227101/15					Connector, frame 6 to fuse holder	1	—	B.	
10HB/6627	E.227101/16					Connector, fuse holder to control unit (type 38)	1	—	B.	
10HB/6628	E.227101/17					Connector, radar head, to junction box (type 370)...	1	—	B.	
10HB/6629	E.227101/18					Connector, junction box (type 370), to ranging unit	1	—	B.	
10HA/12716	E.227101/19					Connector, frame 1c to junction box (type 370) (white)	1	—	B.	
10HA/12720	E.227101/20					Connector, radar head to frame 1c	1	—	B.	
	D.232115					<b>COOLING SYSTEM, ASSEMBLY</b>	—	—		
	Std.840/68					Clip, attachment of pipes to frame 1D and discharge valve, $\frac{7}{16}$ " wide x 22 S.W.G. x 6-8" long (Make from 30B/1433)	3	DTD.610	C.	4
①	Std.850/97					Clip, bonding, at four way piece, $\frac{7}{16}$ " wide x 22 S.W.G. x 9-7" long (Make from 30B/1433)	1	DTD.610		
924	Std.1682/12					Clip, pipe coupling	2	S.3	C.	5
	Std.1682/16					Clip, pipe coupling	6	S.3		5
	B.232116					Connector, elbow, group	1	—		
	F.232129					Spring	1	Sp. Stl.		
	F.232128					Washer	2	L.72 or L.65C		
27KD/12	Normalair 504300					Coupling, ground cooling	1	—	C.	
10B/16396	—					Coupling, air (straight), assembly	1	—	B.	
②	A.232152					Coupling, flexible pipe at frame 1C	1	—		
	C.221976					Duct, cooling, inverter, hose coupling to stub wing	1	—		
	A.221975					Duct, cooling, inverter, hose coupling to inverter	1	—		
	Std.1306/E/25					Hose, connection, four way piece to pipe	1	DTD.625		
	Std.1306/U/30					Hose, connection, four way piece to non-return valve	1	DTD.625		
	D.232115/1					Hose, coupling, 1 $\frac{3}{4}$ " o/d x 1 $\frac{1}{4}$ " i/d x 4" long	1	Neoprene BS.903		
2144	Std.1231/3					Lug, locking, on inverter mounting	1	S.3	C.	4
	F.213815					Packing, radiused, for pipe clip at frame 1D, port	1	L.72		
10130	A.232118					Piece, four-way (alternative to A.232710)	1	—	C.	MA.1
10130	A.232710					Piece, four-way (alternative to A.232118)	1	—	C.	MA.1
10131	A.232119					Pipe, cooling, frame 1D to frame 3	1	—	C.	MA.1
10132	A.232120					Pipe, cooling, frame 3 to four way piece	1	—	C.	MA.1
10133	B.232121					Pipe, cooling, frame 1C to frame 1D	1	—	C.	MA.1
	A.213787					Pipe, cooling, to ground cooling coupling	1	—	MR	MA.1
10134	A.232117					Pipe, cooling, four-way piece to coupling	1	L.67	C.	MA.1
1715	Std.1744/12					Sleeve, pipe coupling	1	Silicone	C.	5
	Std.1744/16					Sleeve, pipe coupling	3	Silicone	C.	5
10136	F.232096					Support, for pipe at frames 1C and 3	4	LFS.21	C.	MA.1
①	Std.850/51					Clip, $\frac{7}{16}$ " wide x 22 S.W.G. x 5-1" long (AS.830/50)	1	DTD.610		
②	F.234308					Coupling, hose, (AS.830/50)	1	Neoprene		

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		1	2	3	4	5				
8957	B.213176					Valve, non-return, group ... ..	1	—	B.	MA.1
	A.213173					Connection, inlet ... ..	1	L.59, L.67		
669	F.185406					Pin-pivot ... ..	1	DTD.364	C.	MA.1
	F.213175					Plate, valve, group ... ..	1	—		
	F.213175/1					Seating ... ..	1	Rubber		
	F.205324					Stud ... ..	1	S.95		
5785	Std.915/C/16					Washer ... ..	1	DTD.610	C.	4
	A.213172					Shroud ... ..	1	L.59, L.67		
671	F.185336					Spring ... ..	1	Bronze Wire	C.	MA.1
	Std.821/15					Washer, at attachment of cooling pipe to inverter	1	L.4 or L.34		
1327	Std.1547/24/12					Washer, profile... ..	8	DTD.610	C.	4
5CZ/880	H.T. Newton Ltd.					Fuse, 5 amp. ... ..	1	—	C.	
8197	A.210733					Fuseholder and screen, at frame 15, group ... ..	1	—	B.	MA.1
5E/3042	—					Cable, unipren, 24 amp. ... ..	6"	E.L.1470	C.	
5CZ/3741	David Griffin Ltd.					Fuseholder, Type "A" ... ..	1	—	C.	
7015	A.210734					Lid ... ..	1	L.59	B.	MA.1
10H/	Plessey					Socket, panel ... ..	2	—	C.	
Z.560230	CZ.49217									
10H/	Plessey					Washer ... ..	2	—	C.	
Z.970049	Z.54105									
	B.232146					<b>HEAD, RADAR ASSEMBLY</b> ... ..	—			
	B.232145					Connection, inlet ... ..	1			
10D/18554	—					Head, radar, type 2 ... ..	1	—	A.	
or 10D/21292						Head, radar, type 2 "A" ... ..	1	—	A.	
4121	F.200057					Handle, target rejector switch ... ..	1	Rubber	C.	MA.1
5SUB/6442	B.T.H.					Inverter, type 206 ... ..	1	—	A.	
	CX.150972									
	F.189298					Label, on frame 1C ... ..	1	—		
	C.209406					<b>MOUNTING, FOR RADAR UNIT FORWARD OF FRAME 6, ASSEMBLY</b>	—			
660	F.183841					Bolt, pivot, for mounting tray ... ..	2	S.61.B	C.	MA.1
661	A.183664					Bracket, stop, port ... ..	1	S.3	C.	MA.1
658	A.183665					Bracket, stop, starboard ... ..	1	S.3	C.	MA.1
9099	C.221872					Tray, mounting, group ... ..	1	—	B.	MA.1
	A.183662					Bracket, latch, port ... ..	1	DTD.610		
	A.183663					Bracket, latch, starboard ... ..	1	DTD.610		
9101	—					Catch, mounting, group (C.221872) ... ..	2	—	B.	
	A.222846					Consisting of				
	RID.1004/3					Button, assembly ... ..	1	—		
	RID.1004/4					Nut ... ..	1	—		
	RID.1004/1					Spring ... ..	1	—		
	RID.1004/2					Stud ... ..	1	—		
						Washer ... ..	1	—		
663	F.183670					Collar, catch pin retaining ... ..	2	S.1	C.	MA.1
664	F.183668					Pin, catch ... ..	2	S.62.B	C.	MA.1
	F.220374					Plate, spigot... ..	2	—		
1327	Std.1547/24/12					Packing, at spigot plate attachment ... ..	4	DTD.610	C.	4
665	F.186750					Spring, catch pin ... ..	2	Sp. Steel	C.	MA.1

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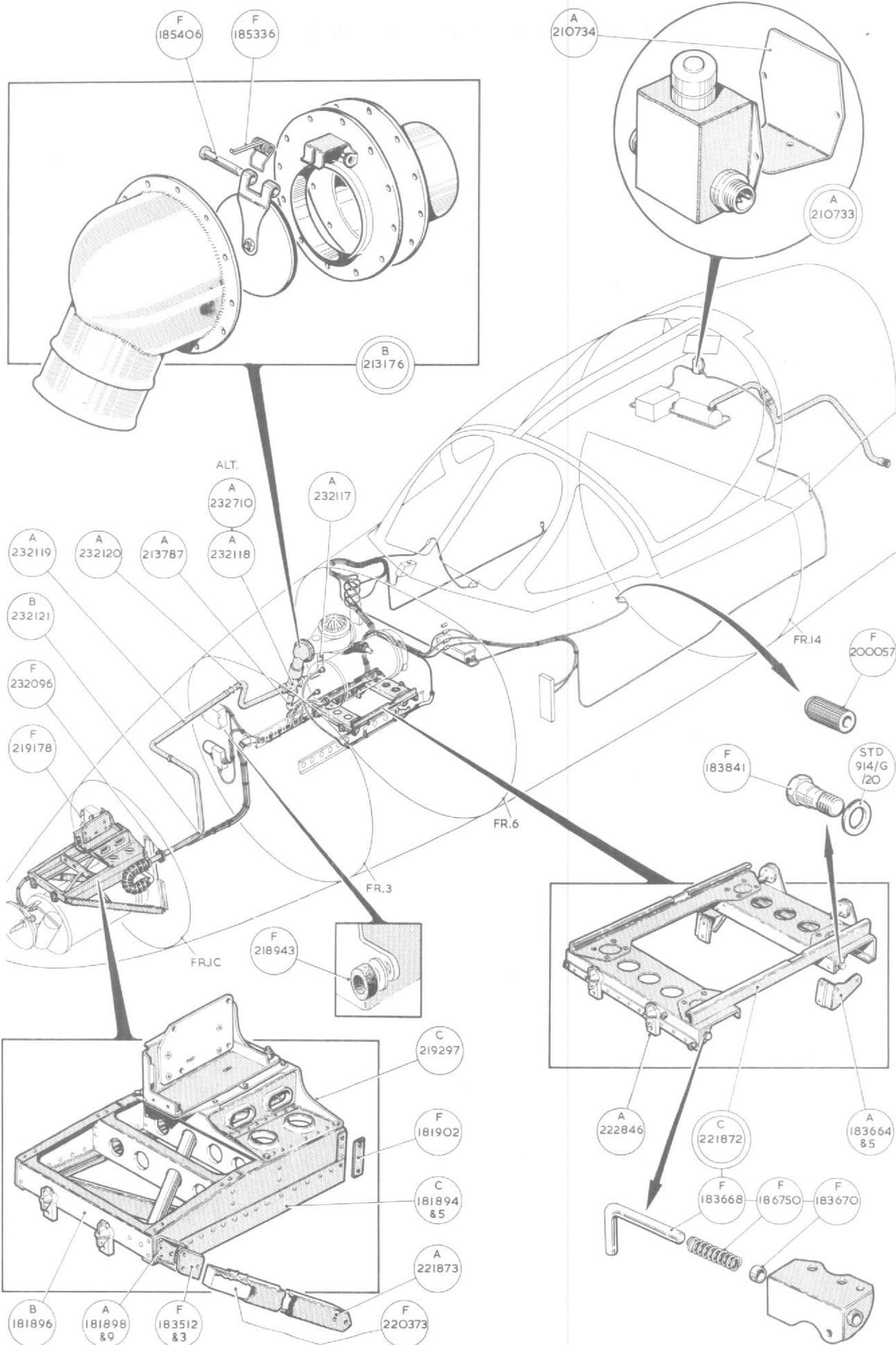
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		1	2	3	4	5				
2789	Std.914/G/20						2	DTD.610	C.	4
673	Std.1547/28/10						4	DTD.610	C.	4
	C.207738	<b>MOUNTING, FOR RADAR UNITS FORWARD OF FRAME 1C, ASSEMBLY</b>					-	-		
	F.200945						1	L.72		
	F.200946						1	L.72		
	F.200947						1	L.72		
	F.200948						1	L.72		
1588	F.181900						2	DTD.610	C.	
6789	C.181894						1	-	MR/C	MA.1
6790	C.181895						1	-	MR/C	MA.1
1589	A.181898						1	DTD.610	C.	MA.1
1590	A.181899						1	DTD.610	C.	MA.1
	B.213059						1	-		
9101	-						2	-	B.	
	A.222846						1	-		
	RID.1004/3						1	-		
	RID.1004/4						1	-		
	RID.1004/1						1	-		
	RID.1004/2						1	-		
6791	B.181896						1	DTD.610	MR/C	MA.1
	B.200943						1	L.72		
	B.200944						1	L.72	B.	
14A/4936	W. Vinten Ltd.						1	-	B.	
9669	C.219297						1	L.72	C.	MA.1
2703	F.183512						1	DTD.610	MR/C	MA.1
2704	F.183513						1	DTD.610	MR/C	MA.1
9102	F.220373						2	L.65.C	C.	MA.1
2705	F.181902						2	DTD.610	MR/C	MA.1
9100	A.221873						2	T.4	C.	MA.1
	A.213102						1	-		
3804	Std.1509/2/068						4	T.4	MR/C	4
	Std.1510/12/038						2	T.4		
1327	Std.1547/24/12						4	DTD.610	C.	4
673	Std.1547/28/10						4	DTD.610	C.	4
8548	F.219178						2	-	C.	MA.1
10H/18892	-						1	-	B.	
10H/18893	-						1	-	B.	
3859	Std.1606/45/B10						2	Brass	C.	5
5F/2281	Hellerman HV.3341						QR	-	C.	
5F/2282	Hellerman NY.3342						QR	-	C.	
5CW/6428	C.W.C. Ltd. XD.777						1	-	B.	
5CW/4346	Rotax 100397/20						2	-	C.	

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		1	2	3	4	5				
5CW/4347	Rotax 100397/43						2	—	C.	MA.1
	Std.1509/13/020						1	—	A.	
10Q/16076	—						1	—	A.	
10AD/677	—						1	—	A.	
5UC/6164	B.T.H.						1	—	A.	
	CZ/150366									
10H/	Plessey						1	—	C.	
Z.970049	Z.54105									
8542	F.218943						8	Rubber		
	Std.1208/64/13/50						12	—		

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<b>SUMMARY OF STOCK ITEMS</b>										
28D/3868	A25.1.B	Bolt, 4	B.A.	...	...	...	...	...	...	-
28D/12528	A25.1.B	Bolt, 4	B.A.	...	...	...	...	...	...	-
28D/12511	A25.2.B	Bolt, 4	B.A.	...	...	...	...	...	...	-
28D/12512	A25.1.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28D/12513	A25.2.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28D/12531	A25.3.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28D/12533	A25.5.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28D/12514	A25.7.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28D/12515	A25.10.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28D/12516	A25.11.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28D/12707	A25.1.E	Bolt, 1/4"	B.S.F.	...	...	...	...	...	...	-
28D/12520	A25.4.E	Bolt, 1/4"	B.S.F.	...	...	...	...	...	...	-
28D/12544	A25.8.E	Bolt, 1/4"	B.S.F.	...	...	...	...	...	...	-
28D/8306	AS.1242.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28D/8308	AS.1242.3.C	Bolt, 2	B.A.	...	...	...	...	...	...	-
28E/8184	AGS.605 Mk. 2	Clip, jubilee	...	...	...	...	...	...	...	-
28E/8185	AGS.605 Mk. 3	Clip, jubilee	...	...	...	...	...	...	...	-
28E/8186	AGS.605 Mk. 4	Clip, jubilee	...	...	...	...	...	...	...	-
28E/15228	AGS.1000 Mk.1.X	Clip, hose	...	...	...	...	...	...	...	-
5K/119	AGS.1661/H	Clip bonding	...	...	...	...	...	...	...	-
28E/8184	AGS.1000 Mk. 2	Clip, hose	...	...	...	...	...	...	...	-
5K/3390	AS.3360/B3B	Lead, bonding	...	...	...	...	...	...	...	-
5K/3355	AS.3360/B4B	Lead, bonding	...	...	...	...	...	...	...	-
5K/3373	AS.3360/B5B	Lead, bonding	...	...	...	...	...	...	...	-
5K/3394	AS.3360/B6B	Lead, bonding	...	...	...	...	...	...	...	-
5K/	AS.3360/B9B	Lead, bonding	...	...	...	...	...	...	...	-
5K/3405	AS.3360/B3C	Lead, bonding	...	...	...	...	...	...	...	-
5K/3371	AS.3360/B4C	Lead, bonding	...	...	...	...	...	...	...	-
5K/3397	AS.3360/C3C	Lead, bonding	...	...	...	...	...	...	...	-
5K/3389	AS.3360/C4C	Lead, bonding	...	...	...	...	...	...	...	-
28M/12929	A27.CP	Nut, 2	B.A.	...	...	...	...	...	...	-
28M/10328	AGS.2002.C1	Nut, 2	B.A.	...	...	...	...	...	...	-
28M/12930	A27.ES	Nut, 1/4"	B.S.F.	...	...	...	...	...	...	-
28M/10327	AGS.2002.B1	Nut, 4	B.A.	...	...	...	...	...	...	-
28P/12431	SP.9.C6	Pin, split	...	...	...	...	...	...	...	-
28P/12462	SP.9.C8	Pin, split	...	...	...	...	...	...	...	-
28Q/4900	AS.155/303	Rivet	...	...	...	...	...	...	...	-
28W/9419474	SP.15B	Washer, 4	B.A.	...	...	...	...	...	...	-
28W/9419475	SP.15C	Washer, 2	B.A.	...	...	...	...	...	...	-
28W/9419404	SP.16C	Washer, 2	B.A.	...	...	...	...	...	...	-
28W/9418921	SP.13E	Washer, 1/4"	B.S.F.	...	...	...	...	...	...	-
28W/9419487	SP.16E	Washer, 1/4"	B.S.F.	...	...	...	...	...	...	-



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