

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Score	Place No.
		1 2 3 4 5				
10 27QM/4117998	E.234167—8 Dowty 08394Y-AO2	HYDRAULIC EQUIPMENT IN WINGS, ASSEMBLY	—	—		
	1929 F.180037	Accumulator unit	1	—	A.	
	1930 F.196234*	Adaptor, bleed screws	2	DTD.3644	C.	NH.1
	1931 F.144413	Adaptor, 3/16" cone to 1/4" hose	1	—	C.	NH.1
	4582 F.201231	Adaptor, 3/8" cone to 1/4" hose	2	L.1	C.	NH.1
	2082 F.196060	Adaptor, bleed screw	2	—	C.	NH.1
	2094 F.196061	Block, clamp, at interspar ribs "A" and "C"	5	LFS.21	C.	
	2052 F.194338	Block, clamp, at interspar rib "A"	1	LFS.21	C.	
		Block, clamp, on sub spar, front spar,	21	LFS.21	C.	
		undercarriage girder and ribs "C", "D" and "E"				
	2053 F.194339	Block, clamp, on spar and ribs "D", "E"	13	LFS.21	C.	
		and "F1"				
	3901 F.194724	Block, clamp, on bottom skin, port	2	LFS.21	C.	
	3903 F.194874	Block, clamp, on port interspar rib "A"	2	LFS.21	C.	
	3904 F.196078	Block, clamp, on port interspar rib "B"	1	LFS.21	C.	
	3905 F.196092	Block, clamp, on port interspar rib "E" and	5	LFS.21	C.	
		starboard front spar				
	3906 F.196069	Block, clamp, on interspar rib "D"	1	LFS.21	C.	
	3907 F.196070	Block, clamp, on port interspar rib "D"	1	LFS.21	C.	
	2083 F.196073	Block, clamp, on interspar rib "D" and	5	LFS.21	C.	
		u/c girder				
	3910 F.196081	Block, clamp, on port interspar rib "C"	2	LFS.21	C.	
	3913 F.195831	Block, clamp, on top skin	2	LFS.21	C.	
	3914 F.196066	Block, clamp, on starboard interspar rib "A"	2	LFS.21	C.	
	3915 F.194932	Block, clamp, on starboard interspar rib "C"	2	LFS.21	C.	
	3916 F.196094	Block, clamp, on starboard interspar rib "C"	2	LFS.21	C.	
	3917 F.196067	Block, clamp, on starboard interspar rib "D"	2	LFS.21	C.	
	2079 F.196064	Block, clamp, on sub spars and rib "D"	10	LFS.21	C.	
	5136 A.199970	Block, clamp, on port rib "S"	1	LFS.21	C.	
	5137 A.199971	Block, clamp, on starboard rib "S"	1	LFS.21	C.	
	3919 F.196068	Block, clamp, on front spar	1	LFS.21	C.	
	3920 F.196093	Block, clamp, on bottom	2	LFS.21	C.	
	4585 F.202581	Block, clamp, on inboard	2	LFS.21	C.	
	4586 F.202582	Block, clamp, on inboard diaphragm	2	LFS.21	C.	
	5139 F.203396	Block, clamp, on port interspar rib "A"	2	LFS.21	C.	
	5140 F.204355	Block, clamp, on port interspar rib "A"	1	LFS.21	C.	
	5141 F.204356	Block, clamp, on port interspar rib "A"	1	LFS.21	C.	
	4877 F.203780	Block, clamp, on port interspar rib "D"	1	LFS.21	C.	
		(Pre Mod. 510)				
	4878 F.203781	Block, clamp, on port interspar rib "D"	1	LFS.21	C.	
		(Pre Mod. 510)				
	5142 F.204833	Block, clamp, on port interspar rib "E"	1	LFS.21	C.	
	5143 F.204834	Block, clamp, on port interspar rib "E"	1	LFS.21	C.	
	5144 F.205014	Block, clamp, on port interspar rib "E"	4	LFS.21	C.	
	5145 F.205189	Block, clamp, on port interspar rib "D"	2	LFS.21	C.	
	5146 F.24830	Block, clamp, on port interspar rib "B"	1	LFS.21	C.	
	5147 F.204831	Block, clamp, on port interspar rib "B"	1	LFS.21	C.	
	5148 F.204868	Block, clamp, between interspar ribs "M" and "L"	2	LFS.21	C.	
	4583 F.202489	Block, clamp, on port interspar rib "F1"	1	LFS.21	C.	
	2081 F.195583	Block, clamp, on interspar rib "D"	2	LFS.21	C.	
	8301 F.206023	Block, clamp, on interspar rib "E" (Mod. 197)	2	LFS.21	C.	
	8305 F.215471	Block, clamp, on interspar rib "D" (Mod. 197)	1	LFS.21	C.	
	8306 F.215472	Block, clamp, on interspar rib "D" (Mod. 197)	1	LFS.21	C.	
	8310 F.217880	Block, clamp, on interspar rib "E" (Mod. 197)	1	LFS.21	C.	
		Block, clamp, on interspar rib "D" (Mod. 510)	2	LFS.21	C.	
	2072 F.193854	Block, clamp, on interspar rib "F" (Mod. 197)	2	LFS.21	C.	
	8302 F.206022	Block, clamp, on interspar rib "E" (Mod. 197)	2	LFS.21	C.	
	8309 F.215478	Block, clamp, on interspar rib "F" (Mod. 197)	2	LFS.21	C.	

Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Store	Place No.
27QM/1491736	Dowty 1.03665.003	Jack, undercarriage, port (Mod. 1432)	1	—	A.	
27QM/1448750	Dowty 1.03665.001	Jack, undercarriage, port (Mod. 1348)	1	—	A.	
		(Pre Mod. 1432)				
27QM/1491737	Dowty 1.03665.004	Jack, undercarriage, starboard (Mod. 1432)	1	—	A.	
27QM/1448752	Dowty 1.03665.002	Jack, undercarriage, starboard (Mod. 1348)	1	—	A.	
		(Pre Mod. 1432)				
4320—99— 4118079	Dowty C.7581Y/AO2	Jack, flap:	2	—	A.	
27QM/1896	Dowty 07390P/AO3	Jack, flap: synchronising, port	1	—	A.	
27QM/1897	Dowty 07390S/AO3	Jack, flap: synchronising, starboard	1	—	A.	
6A/1037413	—	Label (Mod. 330)	1		C.	
2144	Std.1231/3	Lug, locking, for charging valve	1	S.510	C.	4
1394	Std.1547/24/14	Packing, for sequence valve	1	DTD.610	C.	4
2030	C.189160/2	Pipe, pressure, port wing, union to union	1	DTD.323	C.	
		(Pre Mod. 579)				
2034	C.189160/12	Pipe, return, port wing, 4-way piece to thermal relief valve	1	DTD.323	C.	
†	C.189160/26	Pipe, undercarriage down, port wing break, union to union	1	DTD.323	—	
†	C.189160/29	Pipe, wheel brake, port wing, union to union	1	DTD.323	—	
†	C.189160/30	Pipe, wheel brake, port wing, union to union	1	DTD.323	—	
†	C.189160/36	Pipe, power assisted aileron, port wing, union to union	1	DTD.323	—	
2040	C.189160/37	Pipe, power assisted aileron, port wing, union to union	1	DTD.323	C.	
2041	C.189160/42	Pipe, flap up, port wing, flap control valve to tee piece	1	DTD.323	C.	
2042	C.189160/43	Pipe, flap up, port wing, tee piece to fluid jettison valve	1	DTD.323	C.	
†	C.189160/44	Pipe, flap up, port wing, tee piece to tee piece	1	DTD.323	—	
2043	C.189160/45	Pipe, flap up, port wing, tee piece to tee piece	1	DTD.323	C.	
†	C.189160/46	Pipe, flap up, port wing, tee piece to bleed adaptor	1	DTD.323	—	
2045	C.189160/48	Pipe, flap up, port wing, tee piece to union	1	DTD.323	C.	
†	C.189160/49	Pipe, flap up, union to port wing break union	1	DTD.323	—	
†	C.189160/50	Pipe, flap up, port wing, tee piece to thermal relief valve	1	DTD.323	—	
2047	C.189160/52	Pipe, flap down, port wing pressure relief valve to shuttle valve	1	DTD.323	C.	
†	C.189160/53	Pipe, flap down, port wing, shuttle valve to throttling valve	1	DTD.323	—	
†	C.189160/58	Pipe, flap down, union to port wing break union	1	DTD.323	—	
†	C.189160/61	Pipe, flap air, port wing union to union	1	DTD.323	—	
4477	C.189160/71	Pipe, undercarriage up, union to restrictor valve	1	DTD.323	C.	
†	C.189160/79	Pipe, return, thermal relief valve to tee piece	1	DTD.323	—	
†	C.189160/83	Pipe, undercarriage up, sequence valve to pressure regulator valve	1	DTD.323	—	
†	C.189160/84	Pipe, undercarriage up, pressure regulator valve to union (Pre Mod. 579)	1	DTD.323	—	
†	C.189160/85	Pipe, undercarriage up, union to union (Pre Mod. 579)	1	DTD.323	—	
†	C.189160/86	Pipe, aileron power assisted, union to union	1	DTD.323	—	
5427	C.189160/87	Pipe, aileron power assisted, union to elbow	1	DTD.323	MR/C	
5292	C.189160/88	Pipe, aileron power assisted, union to elbow	1	DTD.323	C.	
†	C.189160/89	Pipe, aileron power assisted, union to union	1	DTD.323	—	
5293	C.189160/90	Pipe, aileron power assisted, union to union	1	DTD.323	C.	
†	C.189160/91	Pipe, aileron power assisted, union to tee piece	1	DTD.323	—	
5294	C.189160/92	Pipe, aileron power assisted, tee piece to jack lock	1	DTD.323	C.	

† For details see piping chart

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		1	2	3	4	5				
†	C.189160/93	Pipe, return, flexible hose to union					1	DTD.323	—	
†	C.189160/94	Pipe, return, union to union					1	DTD.323	—	
†	C.189160/95	Pipe, return, union to union					1	DTD.323	—	
5295	C.189160/96	Pipe, return, union to union					1	DTD.323	C.	
5296	C.189160/97	Pipe, return, union to union					1	DTD.323	C.	
†	C.189160/98	Pipe, return, union to non-return valve					1	DTD.323	—	
†	C.189160/99	Pipe, return, non-return valve to 4-way piece					1	DTD.323	—	
4569	C.189160/107	Pipe, flap down, tee piece to throttling valve					1	DTD.323	C.	
4562	C.189160/108	Pipe, flap down, bleed adaptor to tee piece					1	DTD.323	C.	
4567	C.189160/110	Pipe, flap balance, tee piece to jack "up" connection					1	DTD.323	C.	
4570	C.189160/112	Pipe, flap balance, tee piece to selector					1	DTD.323	C.	
4566	C.189160/123	Pipe, flap balancing, union to flap down connection					1	DTD.323	C.	
5237	C.189160/126	Pipe, flap balancing, union to union					1	DTD.323	C.	
5238	C.189160/127	Pipe, flap balancing, selector to union					1	DTD.323	C.	
5239	C.189160/128	Pipe, flap balancing, tee piece to union					1	DTD.323	C.	
5299	C.189160/142	Pipe, undercarriage down, 4-way piece to undercarriage jack					1	DTD.323	C.	
5302	C.189160/147	Pipe, undercarriage down, union to 4-way piece					1	DTD.323	C.	
5304	C.189160/149	Pipe, undercarriage air, non-return valve to 4-way piece					1	DTD.323	C.	
5305	C.189160/150	Pipe, undercarriage down, 4-way piece to union					1	DTD.323	C.	
5306	C.189160/151	Pipe, undercarriage down, union to jettison valve					1	DTD.323	C.	
†	C.189160/152	Pipe, undercarriage up, tee piece to thermal relief valve					1	DTD.323	—	
5308	C.189160/155	Pipe, undercarriage up, tee piece to jettison valve					1	DTD.323	C.	
†	C.189160/156	Pipe, undercarriage up, tee piece to union (Pre Mod. 579)					1	DTD.323	—	
†	C.189160/159	Pipe, undercarriage air, pressure release valve to non-return valve					1	DTD.323	—	
†	C.189160/160	Pipe, undercarriage air, pressure release valve to union					1	DTD.323	—	
†	C.189160/161	Pipe, undercarriage air, union to union					1	DTD.323	—	
†	C.189160/163	Pipe, undercarriage up, union to elbow					1	DTD.323	—	
†	C.189160/165	Pipe, flap air, union to union					1	DTD.323	—	
5310	C.189160/167	Pipe, flap down, union to union					1	DTD.323	C.	
†	C.189160/168	Pipe, undercarriage up, jettison valve to tee piece					1	DTD.323	—	
5311	C.189160/169	Pipe, flap down, bleed adaptor to flap jack					1	DTD.323	C.	
5312	C.189160/170	Pipe, flap up, bleed adaptor to flap jack					1	DTD.323	C.	
5313	C.189160/171	Pipe, pressure, union to flap control valve					1	DTD.323	C.	
5314	C.189160/182	Pipe, flap air, jettison valve to union					1	DTD.323	C.	
†	C.189160/183	Pipe, flap air, union to atmosphere					1	DTD.323	—	
5219	C.189160/184	Pipe, undercarriage up, restrictor valve to undercarriage jack					1	DTD.323	C.	
5286	C.189160/193	Pipe, flap down, port wing, flap control valve to pressure relief valve					1	DTD.323	C.	
†	C.189160/194	Pipe, flap air, port wing, union to fluid jettison valve					1	DTD.323	—	
5287	C.189160/195	Pipe, flap air, port wing, fluid jettison valve to shuttle valve (Pre Mod. 510)					1	DTD.323	C.	
†	C.189160/196	Pipe, flap balancing, port wing break, union to union					1	DTD.323	—	
†	C.189160/197	Pipe, flap down, tee piece to union					1	DTD.323	—	
5288	C.189160/198	Pipe, flap balance, port wing break, union to tee piece					1	DTD.323	C.	
†	C.189160/199	Pipe, flap balance, union to port wing break					1	DTD.323	—	
5289	C.189160/200	Pipe, undercarriage up, tee piece to sequence valve					1	DTD.323	C.	
8202	C.189160/214	Pipe, return, port wing, tee piece to tee piece (Mod. 265)					1	DTD.323	MR/C	

† For details see piping chart

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Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Place No.
		1	2	3	4	5				
8203	C.189160/215	Pipe	return	tee piece to flap pressure relief valve		(Mod. 265)	1	DTD.323	MR/C	
8204	C.189160/216	Pipe	return	tee piece to tee piece (Mod. 265)			1	DTD.323	MR/C	
8205	C.189160/217	Pipe	return	tee piece to flap selector valve (Mod. 265)			1	DTD.323	MR/C	
8206	C.189160/218	Pipe	return	4-way piece to tee piece (Mod. 265)			1	DTD.323	MR/C	
†	C.189160/220	Pipe	wheel brake	leg pivot (B) to adaptor (Mod. 197)			1	DTD.323	—	
†	C.189160/221	Pipe	recuperator	leg pivot (C) to union (Mod. 197)			1	DTD.323	—	
†	C.189160/222	Pipe	recuperator	union to union (Mod. 197)			1	DTD.323	—	
†	C.189160/224	Pipe	wheel brake	leg pivot (A) to 4-way piece		(Mod. 197)	1	DTD.323	—	
8365	C.189160/229	Pipe	flap	air, fluid jettison valve to shuttle valve		(Mod. 510)	1	DTD.323	C.	
†	C.189161/2	Pipe	pressure	starboard wing, union to union			1	DTD.323	—	
3417	C.189161/3	Pipe	pressure	starboard wing, union to pressure		regulating valve	1	DTD.323	C.	
3418	C.189161/4	Pipe	pressure	starboard wing, pressure regulating		valve to undercarriage control valve	1	DTD.323	C.	
3419	C.189161/5	Pipe	pressure	starboard wing, pressure regulating valve		to union	1	DTD.323	C.	
†	C.189161/13	Pipe	return	starboard wing, tee piece to tee piece			1	DTD.323	—	
3428	C.189161/14	Pipe	return	starboard wing, tee piece to undercarriage		control valve	1	DTD.323	C.	
3430	C.189161/16	Pipe	return	starboard wing tee piece to thermal relief		valve	1	DTD.323	C.	
†	C.189161/17	Pipe	return	starboard wing, tee piece to thermal relief		valve	1	DTD.323	—	
3435	C.189161/21	Pipe	return	starboard wing, tee piece to tee piece			1	DTD.323	C.	
3436	C.189161/22	Pipe	return	starboard wing, tee piece to aileron		control valve	1	DTD.323	C.	
3443	C.189161/29	Pipe	undercarriage up	starboard wing, undercarriage		control valve to 4-way piece	1	DTD.323	C.	
3445	C.189161/31	Pipe	undercarriage up	starboard wing, 4-way piece to		tee piece	1	DTD.323	C.	
†	C.189161/32	Pipe	undercarriage up	starboard wing, tee piece to		union	1	DTD.323	—	
†	C.189161/34	Pipe	undercarriage up	starboard wing, 4-way piece to		tee piece	1	DTD.323	—	
†	C.189161/47	Pipe	undercarriage down	starboard wing, shuttle valve		to union	1	DTD.323	—	
†	C.189161/48	Pipe	undercarriage down	union to starboard wing		break	1	DTD.323	—	
†	C.189161/52	Pipe	undercarriage down	starboard wing, union to		union	1	DTD.323	—	
†	C.189161/54	Pipe	undercarriage down	starboard wing, tee piece to		thermal relief valve	1	DTD.323	—	

† For details see Piping Chart

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		1	2	3	4	5				
3486	C.189161/72	Pipe	flap up, starboard wing break to union				1	OTD.323	C.	
3487	C.189161/73	Pipe	flap up, starboard wing, union to bleed adaptor				1	OTD.323	C.	
†	C.189161/75	Pipe	flap down, starboard wing break to union				1	OTD.323	—	
3490	C.189161/76	Pipe	flap down, starboard wing, union to bleed adaptor				1	OTD.323	C.	
3494	C.189161/80	Pipe	flap balance, starboard wing break to union				1	OTD.323	C.	
†	C.189161/97	Pipe	undercarriage up, tee piece to restrictor valve				1	OTD.323	—	
5317	C.189161/98	Pipe	undercarriage up, tee piece to thermal relief valve				1	OTD.323	C.	
†	C.189161/99	Pipe	return, thermal relief valve to tee piece				1	OTD.323	—	
5318	C.189161/100	Pipe	return, tee piece to tee piece				1	OTD.323	C.	
5319	C.189161/101	Pipe	return, tee piece to tee piece				1	OTD.323	C.	
†	C.189161/103	Pipe	undercarriage up, union to union				1	OTD.323	—	
5320	C.189161/104	Pipe	undercarriage up, sequence valve to pressure regulator valve				1	OTD.323	C.	
5321	C.189161/105	Pipe	undercarriage up, pressure regulator valve to union				1	OTD.323	C.	
†	C.189161/106	Pipe	undercarriage up, union to union				1	OTD.323	—	
5322	C.189161/107	Pipe	aileron power assisted, tee piece to union				1	OTD.323	C.	
†	C.189161/108	Pipe	aileron power assisted, union to union				1	OTD.323	—	
5323	C.189161/109	Pipe	aileron power assisted, union to union				1	OTD.323	C.	
†	C.189161/110	Pipe	aileron power assisted, union to union				1	OTD.323	—	
5324	C.189161/111	Pipe	aileron power assisted, union to union				1	OTD.323	C.	
†	C.189161/112	Pipe	aileron power assisted, union to tee piece				1	OTD.323	—	
†	C.189161/114	Pipe	return, flexible hose to union				1	OTD.323	—	
5326	C.189161/115	Pipe	return, union to union				1	OTD.323	C.	
†	C.189161/116	Pipe	return, union to union				1	OTD.323	—	
5327	C.189161/117	Pipe	return, union to union				1	OTD.323	C.	
5328	C.189161/118	Pipe	return, union to union				1	OTD.323	C.	
5329	C.189161/119	Pipe	return, union to tee piece				1	OTD.323	C.	
7089	C.189161/124	Pipe	pressure, tee piece to accumulator				1	OTD.323	MR/C	
4575	C.189161/126	Pipe	flap balance, tee piece to jack up connection				1	OTD.323	C.	
4577	C.189161/127	Pipe	flap balance, tee piece to selector				1	OTD.323	C.	
4574	C.189161/138	Pipe	flap balance, union to flap down connection				1	OTD.323	C.	
5240	C.189161/139	Pipe	flap balance, union to union (Mod. 30)				1	OTD.323	C.	
5241	C.189161/140	Pipe	flap balance, selector to union (Mod. 30)				1	OTD.323	C.	
5242	C.189161/141	Pipe	flap balance, tee piece to union (Mod. 30)				1	OTD.323	C.	
5332	C.189161/153	Pipe	undercarriage air, non-return valve to 4-way piece				1	OTD.323	C.	
5333	C.189161/154	Pipe	undercarriage down, undercarriage jack to 4-way piece				1	OTD.323	C.	
5335	C.189161/164	Pipe	undercarriage up, tee piece to tee piece				1	OTD.323	C.	
5336	C.189161/165	Pipe	undercarriage up, tee piece to thermal relief valve				1	OTD.323	C.	
†	C.189161/167	Pipe	undercarriage up, tee piece to union				1	OTD.323	—	

† For details see Piping Chart

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		1	2	3	4	5				
5338	C.189161/169	Pipe	undercarriage	jettison valve to tee piece		1	DTD.323	C.		
†	C.189161/170	Pipe	undercarriage down	union to tee piece		1	DTD.323			
†	C.189161/171	Pipe	undercarriage down	starboard wing break to union		1	DTD.323			
†	C.189161/174	Pipe	undercarriage down	tee piece to union		1	DTD.323			
†	C.189161/175	Pipe	undercarriage down	union to starboard wing break		1	DTD.323			
†	C.189161/176	Pipe	undercarriage down	4-way piece to union		1	DTD.323			
5339	C.189161/179	Pipe	power assisted aileron	aileron control valve to tee piece		1	DTD.323	C.		
5341	C.189161/181	Pipe	undercarriage up	tee piece to sequence valve		1	DTD.323	C.		
†	C.189161/182	Pipe	undercarriage air	union to pressure release valve	..	1	DTD.323			
†	C.189161/183	Pipe	undercarriage air	non-return valve to pressure release valve	...	1	DTD.323			
5342	C.189161/185	Pipe	flap up	bleed adaptor to flap jack		1	DTD.323	C.		
5343	C.189161/186	Pipe	flap down	bleed adaptor to flap jack		1	DTD.323	C.		
5344	C.189161/188	Pipe	pressure	tee piece to aileron control valve		1	DTD.323	C.		
5220	C.189161/191	Pipe	undercarriage up	restrictor valve to undercarriage jack		1	DTD.323	C.		
5290	C.189161/213	Pipe	undercarriage down	starboard wing, undercarriage control valve to tee piece		1	DTD.323	C.		
†	C.189161/214	Pipe	undercarriage down	starboard wing, tee piece to shuttle valve	..	1	DTD.323			
5291	C.189161/215	Pipe	undercarriage down	starboard wing, shuttle valve to tee piece	..	1	DTD.323	C.		
†	C.189161/216	Pipe	undercarriage down	starboard wing, tee piece to union	..	1	DTD.323			
†	C.189161/220	Pipe	flap balance	starboard wing break, union to tee piece	...	1	DTD.323			
†	C.189161/221	Pipe	flap balance	union to wing break		1	DTD.323			
8207	C.189161/229*	Pipe	pressure	starboard wing, union to non-return valve (Mod. 265)		1	DTD.323	MR/C		
8208	C.189161/230	Pipe	pressure	tee piece to tee piece (Mod. 265)		1	DTD.323	MR/C		
8209	C.189161/231	Pipe	pressure	starboard wing, tee piece to thermal relief valve (Mod. 265)		1	DTD.323	MR/C		
6994	C.189161/232	Pipe	return	starboard wing, tee piece to 4-way piece (Mod. 265)	..	1	DTD.323	C.		
8211	C.189161/234	Pipe	return	starboard wing, non-return valve to 4-way piece (Mod. 265)		1	DTD.323	MR/C		
6993	C.189161/236	Pipe	undercarriage up	union to jettison valve (Mod. 265)		1	DTD.323	C.		
8086	C.189161/244	Pipe	air charging	accumulator to tee piece (Mod. 330)	..	1	DTD.323	C.		
8087	C.189161/245	Pipe	air charging	tee piece to charging connection (Mod. 330)		1	DTD.323	C.		
8088	C.189161/246	Pipe	air charging	tee piece to pressure gauge (Mod. 330)		1	DTD.323	C.		
†	C.189161/248	Pipe	recuperator	union to union (Mod. 197)		1	DTD.323			
†	C.189161/249	Pipe	recuperator	union to tee piece (Mod. 197)		1	DTD.323			
†	C.189161/250	Pipe	recuperator	tee piece to leg pivot connection (C) (Mod. 197)	..	1	DTD.323			
†	C.189161/251	Pipe	recuperator	tee piece to P.R. Valve (Mod. 197)	..	1	DTD.323			
†	C.189161/252	Pipe	recuperator	P.R. Valve to tee piece (Mod. 197)	..	1	DTD.323			

† For details see Piping Chart

SERVICES--HYDRAULICS IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Score	Place No.
		1	2	3	4	5				
†	C.189161/253	Pipe	pressure, union to tee piece (Mod. 197)				1	DTD.323		
†	C.189161/254	Pipe	pressure, tee piece to N.R.V. (Mod. 197)				1	DTD.323		
†	C.189161/255	Pipe	wheel brake, leg pivot connection (A) to adaptor (Mod. 197)				1	DTD.323		
†	C.189161/256	Pipe	wheel brake, adaptor to union (Mod. 197)				1	DTD.323		
†	C.189161/257	Pipe	return, leg pivot connection (B), to tee piece (Mod. 197)				1	DTD.323		
†	C.189161/259	Pipe	recuperator, tee piece to P.R.V. (Mod. 197)				1	DTD.323		
†	C.189161/267	Pipe	pressure, N.R.V. to filter (inlet) (Mod. 486)				1	DTD.323		
†	C.189161/268	Pipe	pressure, filter (outlet), to tee piece (Mod. 486)				1	DTD.323		
†	C.189161/273	Pipe	return, 4-way piece to tee piece (Mod. 197)				1	DTD.323		
†	C.189161/274	Pipe	undercarriage up, 4-way piece to union (Mod. 486)				1	DTD.323		
†	C.189161/275	Pipe	undercarriage up, union to jettison valve (Mod. 486)				1	DTD.323		
†	C.189161/276	Pipe	oil jettison, jettison valve to atmosphere (Mod. 486)				1	DTD.323		
†	C.189161/277	Pipe	undercarriage, air, union to union (Mod. 486)				1	DTD.323		
†	C.189161/278	Pipe	undercarriage, air, union to jettison valve (Mod. 486)				1	DTD.323		
†	C.189161/279	Pipe	undercarriage, air, jettison valve to shuttle valve (Mod. 486)				1	DTD.323		
†	C.189161/280	Pipe	return, 4-way piece to N.R.V. (Mod. 486)				1	DTD.323		
†	C.189161/281	Pipe	undercarriage down, sequence valve to union (Mod. 486)				1	DTD.323		
9869	C.189161/297	Pipe	aeron, power assisted, tee piece to jack lock (Mod. 811)				1	DTD.323	C.	
9870	C.189161/298	Pipe	aeron, power assisted, tee piece to union (Mod. 811)				1	DTD.323	C.	
10	27QM/4117503	Dowty 04862Y-807 Mk. C	Regulator, undercarriage pressure (AS.830/56)				1	—	A.	
10	27Q/4117622	Dowty 06207Y-801	Restrictor, one-way (Mod. 753)				2	—	A.	
10	27Q/4117627	Dowty D.6207Y B.203004	Restrictor, one-way (Pre Mod. 753)				2	—	B.	
			Rbd, spacer, group				2	—		
			Consisting of:—							
4131	F.197484	Block, clamp					4	LFS.21	C.	NH.1
10	28M/9433473	AGS.2002/C1	Nut				2	—	C.	
	28Q/	AS.4695-206	Rivet (Mod. 1225)				6	—	C.	
		B.203004/1	Rbd, 3/16" dia. x 44" long				1	DTD.364		
10	27QA/1006106	Dowty SP.900/19	Ring, "O" type				4	—	C.	
	—	Std.1509/23/050	Tube, distance (Make from 308/9611262)				6	T.4	—	4
	28W/9419475	SP.15.C	Washer				2	—	C.	
		B.203005	Rbd, spacer, group				2	—		
			Consisting of:—							
4131	F.197484	Block, clamp					3	LFS.21	C.	
28M/10328	AGS.2002/C1	Nut					2	—	C.	
	28Q/	AS.4695-206	Rivet (Mod. 1225)				4	—	C.	
		B.203005/1	Rbd, 3/16" dia. x 37.70" long				1	DTD.364		
	27QA/248	Dowty SP.900/19	Ring, "O" type				3	—	C.	
	—	Std.1509/23/050	Tube, distance (Make from 308/9611262)				4	T.4	—	4
	28W/9419475	SP.15C	Washer				2	—	C.	
	5160	Std.1208/100/49/10	Shim, for sequence valve adjustment				QR	Steel	C.	4
10	5CW/4405174	Thermal Controls TP.5566	Switch, pressure (Mod. 811)				1	—	A.	
	1932	F.194934	Tee-piece				1	LA	C.	
	5161	F.199039	Tee-piece				2	LA	C.	NH.1
	3792	Std.1509/23/025	Tube, distance, 5/16" o/d x 17 S.W.G.				1	T.4	MR/C	4
		Std.1507/2/150	Tube, distance				4	T.26	—	4
	—	Std.1509/12/050	Tube, distance (Make from 308/9611274)				1	T.4	—	4
	5767	Std.1509/12/030	Tube, distance (Make from 308/1804)				3	T.4	MR/C	4
			† For details see Piping Chart							

SERVICES — HYDRAULICS IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Score	Place No.
		1	2	3	4	5				
869	F.140778	Union, reducing					4	L.1	C.	
10 27QM/4117840	Dowty 08808Y-806	Unit, control, aileron (Mod. 996)					1	—	A.	
10 27QM/4117762	Dowty 08817Y-A05	Unit, control, selector flaps					1	—	A.	
10 27QM/4117803	Dowty 08817Y-A06	Unit, control, undercarriage					1	—	A.	
5482	F.202794	Valve, charging					1	—	MR/B	NH.1
10 27QM/4117441	Dowty D.5212Y	Valve, non-return (Mod. 396)					2	—	A.	
10 27Q/4117448	Dowty D.5220Y	Valve, non-return					3	—	B.	
10 27QM/4117556	Dowty 1.000.51.034	Valve, flap pressure relief (Mod. 1202)					1	—	A.	
10 27QM/4117673	Dowty 08950Y DO3	Valve, sequence, undercarriage, port					1	—	A.	
10 27QM/4117688	Dowty 08950Y BO4	Valve, sequence, undercarriage, starboard					1	—	A.	
10 27QM/4117933	Dowty C.4122Y Mk. A	Valve, shuttle undercarriage					1	—	A.	
10 27Q/4117728	Dowty C.4603Y Mk. A	Valve, thermal relief					6	—	B.	
10 27QM/4117748	Dowty D.7523Y	Valve, throttling					1	—	A.	
10 27QM/4117477	Dowty 1.02032.001	Valve, pressure regulator (Mod. 1202)					2	—	A.	
10 27QM/4117532	Dowty 04862Y BO8	Valve, pressure regulator (AS.830/56)					1	—	A.	
10 27QM/4674304	Dowty D.4930Y	Valve, selector (pressure release)					2	—	A.	
10 27QM/4117693	Dowty C.7375Y	Valve, sequence (emergency air)					2	—	A.	
10 27QM/4117707	Dowty 1.00043.013	Valve, sequence, starboard (Mod. 1142)					1	—	A.	
10 27QM/4117724	Dowty 1.00043.012	Valve, sequence, port (Mod. 1142)					1	—	A.	
10 27QM/4674307	Dowty C.4122Y Mk. G	Valve, shuttle					1	—	A.	
10 27QM/4674306	Dowty C.2701Y Mk. H	Valve, jetison					2	—	A.	
5162	F.202820	Washer, for sequence valve					4	—	C.	NH.1

SERVICES - HYDRAULICS IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Place No.
		1	2	3	4	5				
	C.207895	WING FUSELAGE CONNECTIONS, ASSEMBLY					-	-		
2081	F.195583	Block, clamp, on port side of diaphragm "G"					2	LFS.21	C.	
2100	F.195658	Block, clamp, between diaphragm "G" and wing rib "A"					1	LFS.21	C.	
2101	F.195659	Block, clamp, between diaphragm "G" and wing rib "A"					1	LFS.21	C.	
2102	F.195660	Block, clamp, between diaphragm "G" and wing rib "A"					1	LFS.21	C.	
2103	F.195767*	Block, clamp, on starboard side of diaphragm "G" (Pre Mod. 197)					1	LFS.21	C.	
2104	F.195768*	Block, clamp, on starboard side of diaphragm "G" (Pre Mod. 197)					1	LFS.21	C.	
8307	F.215473	Block, clamp, starboard diaphragm "G" (Mod. 197)					1	LFS.21	C.	
8308	F.215474	Block, clamp, starboard diaphragm "G" (Mod. 197)					1	LFS.21	C.	
3733	Std.840/12	Clip					1	DTD.610	C.	4
†	C.189160/28	Pipe, wheel brake, port wing break, union to union					1	DTD.323		
†	C.189160/35	Pipe, power assisted aileron, port wing break, union to union					1	DTD.323		
†	C.189160/59	Pipe, flap air, port wing break, union to union					1	DTD.323		
†	C.189160/158	Pipe, pressure, elbow to union					1	DTD.323		
†	C.189160/162	Pipe, undercarriage air, port wing break, union to union					1	DTD.323		
†	C.189160/166	Pipe, return port wing break to tee-piece					1	DTD.323		
7107	C.189160/201	Pipe, undercarriage up, union to elbow at port wing break					1	DTD.323	MR/C	
7108	C.189160/202	Pipe, undercarriage up, union to port wing break					1	DTD.323	MR/C	
†	C.189160/223	Pipe, recuperator, union to union (Mod. 197)					1	DTD.323		
†	C.189161/1	Pipe, pressure, starboard wing break to union					1	DTD.323		
3426	C.189161/12	Pipe, return, starboard, wing break to tee-piece					1	DTD.323	C.	
†	C.189161/33	Pipe, undercarriage up, union to starboard wing break					1	DTD.323		
3454	C.189161/40	Pipe, undercarriage up, union to starboard wing break					1	DTD.323	C.	
†	C.189161/53	Pipe, undercarriage down, union to starboard wing break					1	DTD.323		
†	C.189161/59	Pipe, wheel brake, starboard wing break to union					1	DTD.323		
5316	C.189161/90	Pipe, undercarriage air, tee piece to starboard wing break					1	DTD.323	C.	
†	C.189161/189	Pipe, undercarriage air, starboard wing break to union					1	DTD.323		
5345	C.189161/190	Pipe, undercarriage air, tee piece to tee piece					1	DTD.323	C.	
†	C.189161/217	Pipe, power assisted aileron, union to starboard wing break					1	DTD.323		
†	C.189161/218	Pipe, undercarriage air, union to tee piece					1	DTD.323		
†	C.189161/247	Pipe, recuperator, union to union (Mod. 197)					1	DTD.323		
		† For details see Piping Chart								

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SERVICES - HYDRAULICS IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Place No.
		1	2	3	4	5				
		SUMMARY OF STOCK ITEMS								
28Y/12849	AGS.1212	Adaptor, 1/8" B.S.P.					-	-	-	
28F/10798	AGS.1129B	Body, banjo					-	-	-	
28D/1010658	A25.1.B	Bolt, 4 B.A.					-	-	-	
28D/1008149	A25.2.B	Bolt, 4 B.A.					-	-	-	
28D/9419452	A25.3.B	Bolt, 4 B.A.					-	-	-	
28D/9140638	A25.4.B	Bolt, 4 B.A.					-	-	-	
28D/1011006	A25.5.B	Bolt, 4 B.A.					-	-	-	
28D/1010029	A25.6.B	Bolt, 4 B.A.					-	-	-	
28D/1009984	A25.7.B	Bolt, 4 B.A.					-	-	-	
28D/1011011	A25.8.B	Bolt, 4 B.A.					-	-	-	
28D/1010142	A25.9.B	Bolt, 4 B.A.					-	-	-	
28D/9435711	A25.10.B	Bolt, 4 B.A.					-	-	-	
28D/9140639	A25.11.B	Bolt, 4 B.A.					-	-	-	
28D/9132448	A25.12.B	Bolt, 4 B.A.					-	-	-	
28D/1011013	A25.13.B	Bolt, 4 B.A.					-	-	-	
28D/12811	A25.16.B	Bolt, 4 B.A.					-	-	-	
28D/9436920	A25.1.C	Bolt, 2 B.A.					-	-	-	
28D/9133012	A25.3.C	Bolt, 2 B.A.					-	-	-	
28D/12533	A25.5.C	Bolt, 2 B.A.					-	-	-	
28D/7002428	A25.6.C	Bolt, 2 B.A.					-	-	-	
28D/1010030	A25.7.C	Bolt, 2 B.A.					-	-	-	
28D/1011019	A25.8.C	Bolt, 2 B.A.					-	-	-	
28D/9140644	A25.9.C	Bolt, 2 B.A.					-	-	-	
28D/9140645	A25.10.C	Bolt, 2 B.A.					-	-	-	
28D/9435710	A25.11.C	Bolt, 2 B.A.					-	-	-	
28D/12536	A25.13.C	Bolt, 2 B.A.					-	-	-	
28D/9140647	A25.14.C	Bolt, 2 B.A.					-	-	-	
28D/9453970	A25.15.C	Bolt, 2 B.A.					-	-	-	
28D/1011021	A25.16.C	Bolt, 2 B.A.					-	-	-	
28D/1011022	A25.18.C	Bolt, 2 B.A.					-	-	-	
28D/9140648	A25.19.C	Bolt, 2 B.A.					-	-	-	
28D/1011023	A25.20.C	Bolt, 2 B.A.					-	-	-	
28D/12547	A25.15.E	Bolt, 1/4" B.S.F.					-	-	-	
28E/15930	AS.5419/3	Clip, "P" type, 3/16" dia.					-	-	-	
28E/9130611	AS.5419/4	Clip, "P" type, 1/4" dia.					-	-	-	
28E/9130612	AS.5419/5	Clip, "P" type, 5/16" dia.					-	-	-	
28F/9441095	AGS.1236/A	Cap, cone, 1/8" B.S.P.					-	-	-	
28F/1013959	AGS.1236/B	Cap, cone, 1/4" B.S.P.					-	-	-	
28F/10020	AGS.1120/1	Cone, tee					-	-	-	
28F/9720	AGS.1120/3	Cone, tee					-	-	-	
28F/9722	AGS.1120/6	Cone, tee					-	-	-	
28F/13290	AGS.1120/11	Cone, tee					-	-	-	
28F/9716	AGS.1118/C	Cone, tee					-	-	-	
28F/10610	AGS.1118/B	Cone, tee					-	-	-	
28F/10782	AGS.1118/A	Cone, tee					-	-	-	
28F/9715	AGS.1116/B	Cone, elbow, 1/4" o/d.					-	-	-	
28F/14384	AGS.1116/C	Cone, elbow, 3/8" o/d.					-	-	-	

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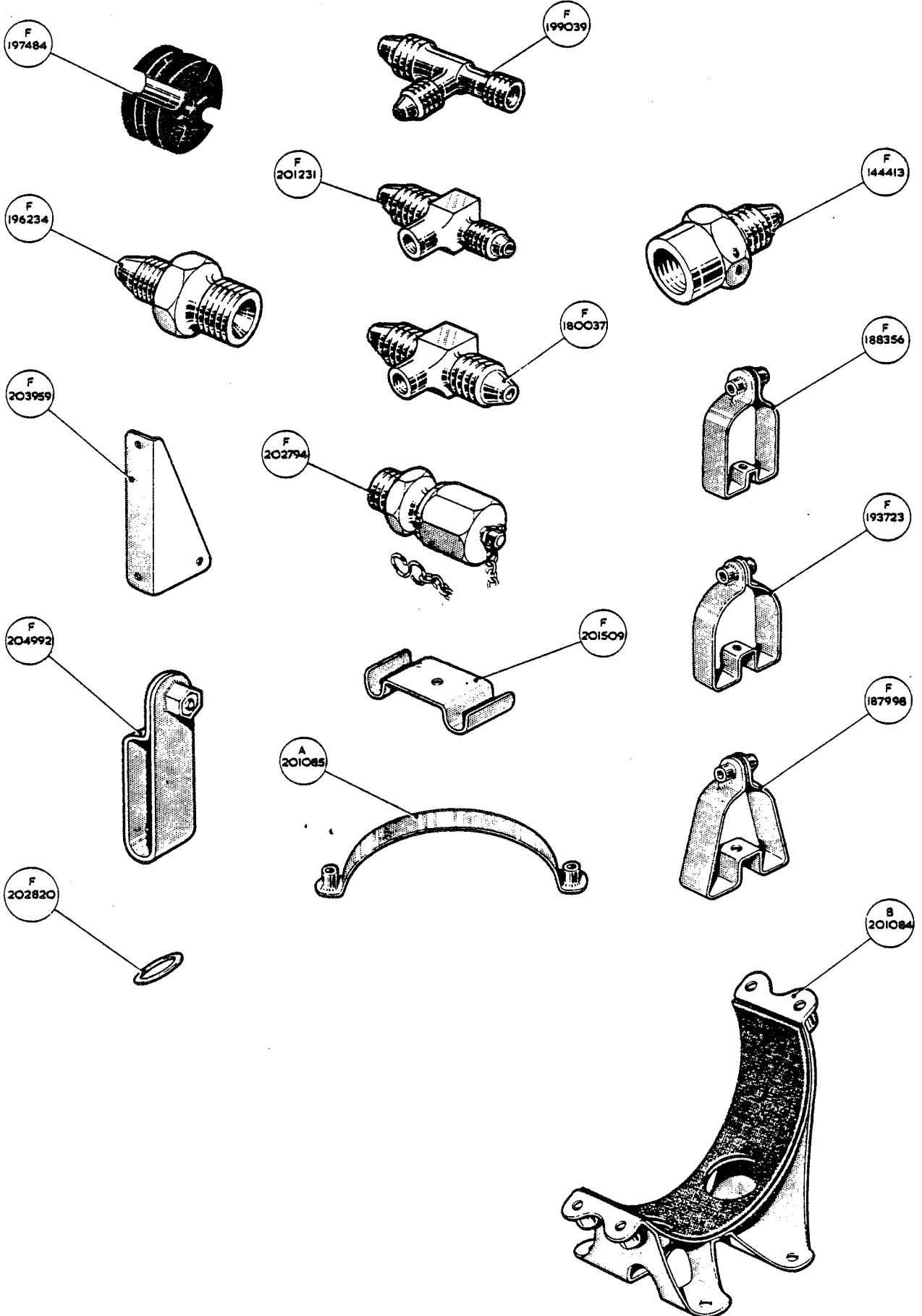
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SERVICES - HYDRAULICS IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Place No.
		1	2	3	4	5				
		SUMMARY OF STOCK ITEMS (continued)								
5K/3390	AS.3360.B3.B	Lead, bonding					-	-	-	
28F/9735	AGS.1142/A	Nipple					-	-	-	
28F/14528	AGS.1170/A	Nipple					-	-	-	
28F/14123	AGS.1170/B	Nipple					-	-	-	
28F/14529	AGS.1170/C	Nipple					-	-	-	
28F/14530	AGS.1170/D	Nipple					-	-	-	
28M/1006473	A27.C.T.	Nut					-	-	-	
28M/10327	AGS.2002/B1	Nut, 4 B.A.					-	-	-	
28M/10328	AGS.2002/C1	Nut, 2 B.A.					-	-	-	
28M/7002430	AGS.2002/E1	Nut, 1/4" B.S.F.					-	-	-	
28F/9128952	AGS.1174	Screw, bleed; 1/4" B.S.F.					-	-	-	
28F/9428453	AGS.1186/B	Seal, bonded; 1/4" B.S.P.					-	-	-	
28F/9128936	AGS.904/A	Sleeve					-	-	-	
28F/5722	AGS.904/B	Sleeve					-	-	-	
28F/11080	AGS.1106/B	Union, cone to nipple					-	-	-	
28F/11855	AGS.1113/A	Union, bulkhead					-	-	-	
28F/11273	AGS.1113/B	Union, bulkhead					-	-	-	
28F/12373	AGS.1125/1	Union, tee 4-way					-	-	-	
28F/9726	AGS.1123/C	Union, cone 4-way					-	-	-	
28F/10509	AGS.1107A	Union, reducing					-	-	-	
28S/1200039	A31.B32	Screw, 4 B.A.					-	-	-	
28S/14005	A32.B14	Screw, 4 B.A.					-	-	-	
28S/2875	A32.B24	Screw, 4 B.A.					-	-	-	
28Y/9429623	AGS.1200	Valve, charging					-	-	-	
28W/9419474	SP.15.B	Washer, 4 B.A.					-	-	-	
28W/9419475	SP.15.C	Washer, 2 B.A.					-	-	-	
28W/9419405	SP.15.E	Washer, 1/4" dia.					-	-	-	
28W/9419404	SP.16.C	Washer, 2 B.A.					-	-	-	
28W/9419486	SP.16.B	Washer, 4 B.A.					-	-	-	
28F/8215	AGS.1138/B	Washer, jointing					-	-	-	

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