

C
CONTROLLERS,
AUTOMATIC FLOW

SECTION C

PAGES

TYPE / APPLICABILITY

Section C — CONTROLLERS, AUTOMATIC FLOW

ACCESSORY :-		CONTROLLER, AUTOMATIC FLOW 509230														
AIRCRAFT	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF
SWIFT	5	1	7	1												
CONTROLLER, AUTOMATIC FLOW 510530																
SEA HAWK		1														
CONTROLLER, AUTOMATIC FLOW AND SHUT OFF VALVE 512180																
VULCAN	1	2	2	2												
CONTROLLER, AUTOMATIC FLOW 513270																
SCIMITAR		1														

TYPE / APPLICABILITY

Section C — CONTROLLERS, AUTOMATIC FLOW

ACCESSORY :-

CONTROLLER, AUTOMATIC FLOW 513820

AIRCRAFT	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF
SCIMITAR		1														

CONTROLLER, AUTOMATIC FLOW 513910

SEA VIXEN		1														
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CONTROLLER, AUTOMATIC FLOW 512870 690640

SEA VIXEN		2														
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CONTROLLER, AUTOMATIC FLOW 514590

SWIFT	5	1														
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Section C — CONTROLLERS, AUTOMATIC FLOW

CONTROLLER, AUTOMATIC FLOW 515940

RESTRICTED

TYPE / APPLICABILITY

ACCESSORY :-

AIRCRAFT	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF	MK	No. OFF

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF	Plate No.
					ST. M.R. L.M.	
		1 2 3 4 5				
621	509230	CONTROLLER, AUTOMATIC FLOW (PRE. MOD. 9AG).	1	—	A	C 1
942	514590	CONTROLLER, AUTOMATIC FLOW (MOD. 9AG).	1	—	A	
	553112	Spares for :— ADJUSTER, rate assembly (MOD. 9AG)	1	—		C 19
	553094	Spares for :— ADJUSTER, rate	1	3L42		C 19
	553143	PIN	1	BS.1407		C 19
	553111	SPRING	1	DTD.703		C 19
	550386	BEARING, end	1	S.80		C 1
	504552	BODY, controller	1	L.35		C 1
	504543	BODY, orifice (PRE. MOD. 9AG)	1	2L42		C 1
	554541	BODY, orifice (MOD. 9AG)	1	3L42		C 19
485	505372	FILTER, complete	1	—		C 1
28N/13417	AGS.2031/7	Circlip	1	—	C	
567	503327	NAMEPLATE (R.N.)	1	L.17	C	C 1
28S/6470	2R 3/16"	Screw	4	—	C	
	504539	RING, locking	1	S.80		C 1
	504556	ROD, support assembly	1	—		C 1
	504551	Spares for :— SCREW, grub	1	S.1		C 2
	504584	STOP, support	1	S.80		C 2
28L/15258	A24/GT	Nut	2	—	C	
28W/12666	SP14/G	Washer	1	—	C	
	504555	SPRING (PRE. MOD. 9AG)	1	DTD.703		C 1
	508659	VALVE, flow control assembly	1	—		C 1
	504546	Spares for :— BARREL	1	2L42		C 2
1032	503605	BEARING (R.N.)	2	CARBON		C 2
	506565	CLIP, spring	1	DTD.271		C 2
	506670	PIECE, packing	1	DTD.166		C 2
	506759	PIECE, packing	1	L.59		C 2
28Q/6544	AS.455/210	Rivet	2	—	C	
	508738	PLUG	1	2L42		C 2
	503608	PLUG, end	1	2L42		C 2
	504547	RING, adjustment	1	2L42		C 2
578	497888	SCREW, grub (R.N.)	2	DTD.126	C	C 2
574	497989	SCREW, grub (R.N.)	2	DTD.126	C	C 2
	508739	VALVE, flow control	1	2L42		C 2

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CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF		Plate No.
					ST.	M.R.	
		1 2 3 4 5				L.M.	
596	510530	CONTROLLER, AUTOMATIC FLOW (R.N.) ...	1	—	P		C 3
		Spares for:—					
1016	552021	CASE	1	L.65			C 3
1017	552023	FLANGE, end	1	L.65			C 3
595	507418	GASKET (PRE. AMDT. 31AG)	2	DTD.416	C		C 3
	559268	GASKET (AMDT. 31AG)	2	HALLITE			C 3
28D/13038	A26/2B	Bolt	10	—	C		
28M/13450	A24/BP	Nut	10	—	C		
28W/14456	SP11/B	Washer	10	—	C		
1018	552022	HUB, end	1	DTD.130A			C 3
28N/13595	AGS.2030/87	Circlip	1	—	C		
1019	552008	LABEL, complete	1	—			C 3
1020	552017	NUT	1	DTD.683			C 3
	552000	ORIFICE assembly	1	—			C 3
		Spares for:—					
1021	552001 Sht. 1	EXTENSION, orifice	1	L.62			C 4
1022	552002	HUB	1	L.65			C 4
28Q/8043	AS.162/307	Rivet	9	—	C		
1023	552007	RING	1	DTD.687			C 3
1024	552006	RING, valve	1	DTD.687			C 3
1085	507407	ROD, support	1	S.80			C 3
1025	552003	SPIDER	1	DTD.304			C 3
	552427	SPRING assembly	1	—			C 3
		Spares for:—					
	507398	ADJUSTER, spring rate	1	3L.42			C 4
	552426	SPRING	1	DTD.215			C 4
1026	552034	SPRING assembly *	1	—			C 3
		Spares for:—					
	507398	ADJUSTER, spring rate	1	3L.42			C 4
	507399	SPRING	1	NIM. 90			C 4
		* This Assembly is an alternative to 552427.					
1027	507402	STEM	3	S.80			C 3
1028	507941	VALVE, control assembly	1	—			C 3
		Spares for:—					
1032	503605	BEARING	2	CARBON			C 4
1031	507396	BUSH, valve	1	S.80			C 4
1015	507834	SCREW, grub	2	DTD.525			C 4
1030	507395	SPACER	1	DTD.130A			C 4
1029	507940	VALVE, control	1	L.64			C 4

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF	Plate No.
					ST. M.R. L.M.	
1606	518410	CONTROLLER, AUTOMATIC FLOW AND SHUT-OFF VALVE (MOD. 32AG).	1	—	A	C 5
636	512180	CONTROLLER, AUTOMATIC FLOW AND SHUT-OFF VALVE (PRE. MOD. 32AG).	1	—	A	
		Spares for :—				
	DDS.1092/Z/2B	BOLT (AMDT. 25AG) (PRE. AMDT. 31AG) ...	3	S.S.		
	DDS.1092/Z/3B	BOLT (AMDT. 25AG) (PRE. AMDT. 31AG) ...	7	S.S.		
	559497	CONTROLLER, auto flow, assembly (MOD. 32AG).	1	—		C 5
	552848	CONTROLLER, auto flow, assembly (PRE. MOD. 32AG).	1	—		
		Spares for :—				
1208	552845	CASE, complete (R.N.) ...	1	—	C	C 6
1214	552846	GASKET (R.N.) ...	1	DTD.416	C	C 6
1212	554297	HUB, end (R.N.) ...	1	S.110	C	C 6
1076	507410	NUT (R.N.) ...	1	S.80	C	C 6
	558734	ORIFICE, complete (MOD. 32AG) ...	1	—		C 6
	552841	ORIFICE, complete (PRE. MOD. 32AG) ...	1	—		
28M/13450	A24/BP	Nut ...	4	—	C	
28S/6428	A37/B12	Screw ...	4	—	C	
28W/14456	SP11/B	Washer ...	4	—	C	
1086	507412	PIECE, distance (MOD. 32AG) ...	1	DTD.571	C	C 6
	554779	PIECE, distance (PRE. MOD. 32AG) ...	1	L.62		
1082	507413	RING, clamp (R.N.) ...	1	3L.42	C	C 6
1198	554298	RING, valve (R.N.) ...	1	S.110	C	C 6
	557026	ROD, support ...	1	S.80		C 6
1087	507401	SPIDER (R.N.) ...	1	DTD.525	C	C 6
	552837	SPRING, complete (PRE. MOD. 32AG) ...	1	—		
	552837/1	SPRING, complete (MOD. 32AG) ...	1	—		C 6
	507402	STEM ...	3	S.80		C 6
	559498	VALVE, control, assembly (MOD. 32AG) ...	1	—		C 6
	554177	VALVE, control, assembly (PRE. MOD. 32AG) ...	1	—		
		Spares for :—				
1032	503605	BEARING — MORGAN CRUCIBLE CO. (R.N.).	2	LINK EY9	C	C 6
	554180	BUSH ...	1	3L.42		C 6
	554179	SPACER ...	1	3L.42		C 6
	558732	VALVE, control (MOD. 32AG) ...	1	HID.100		C 6
	554178	VALVE, control (PRE. MOD. 32AG) ...	1	L.A.		C 6
28S/14451	A56/B4	Screw ...	2	—	C	
	554789	WASHER ...	1	S.110		C 6
28D/13138	A26/4B	Bolt (AMDT. 31AG) ...	7	—	C	
28D/13040	A26/3B	Bolt (AMDT. 31AG) ...	3	—	C	
595	507418	GASKET ...	2	DTD.416	C	C 5
567	503327	NAMEPLATE (R.N.) ...	1	L.17	C	C 5
28S/6634	2R 1/8"	Screw ...	4	—	C	
	552847	VALVE, shut-off, assembly ...	1	—		C 5
		Spares for :—				
	C.5511/2L	ACTUATOR — ROTAX ...	1	—		C 7
28S/9419438	A35/B10	Screw ...	4	—	C	

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CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF	Plate No.
					ST. M.R. L.M.	
		1 2 3 4 5				
	N.D.	BEARING, ball, 3/16" dia. — HOFFMAN ...	1	S.80		C7
1131	553129	BEARING, screwed (PRE. MOD. 21AG) (R.N.).	1	S.80	C	
	558052	BEARING, screwed (MOD. 21AG) ...	1	S.80		C7
	552860	BODY, control valve, complete ...	1	—		C7
28M/13450	A24/BP	Nut ...	4	—	C	
28S/6428	A37/B12	Screw ...	4	—	C	
28W/14456	SP11/B	Washer (PRE. AMDT. 25AG) ...	4	—	C	
1142	506539	BOLT, special (R.N.) ...	4	S.80	C	C7
	A49/B	Nut (AMDT. 31AG) ...	4	—		
28W/14456	SP11/B	Washer (PRE. AMDT. 30AG) ...	4	—	C	
	554184	BRACKET, complete ...	1	—		C7
	552746	BRACKET, mounting, complete ...	1	—		C7
28D/16314	A59/6C	Bolt ...	2	—	C	
28D/16557	A59/7C	Bolt ...	2	—	C	
28M/10288	AGS.2001/C1	Nut ...	2	—	C	
28M/10328	AGS.2002/C1	Nut ...	2	—	C	
28W/14319	SP11/C	Washer ...	4	—	C	
1161	553130	BUSH (PRE. MOD. 21AG) (R.N.) ...	1	S.80	C	
	558053	BUSH (MOD. 21AG) ...	1	S.80		C7
1134	505211	DISC, valve (R.N.) ...	1	DTD.747	C	C7
	552752	GASKET ...	1	DTD.378A		C7
	552735	GEARBOX, assembly ...	1	—		C7
		Spares for —				
	552751	GASKET ...	1	PAPER		C7
	552743	GEAR ...	1	S.82		C7
	552736	HOUSING, gearbox, complete ...	1	—		C7
	552744	PINION ...	1	S.82		C7
28S/13720	A33/B10	Screw ...	4	—	C	
1065	550379	NUT (R.N.) ...	4	S.80	C	C7
28S/6348	A37/C16	Screw ...	4	—	C	
28W/14319	SP11/C	Washer ...	4	—	C	
1143	550380	NUT (R.N.) (PRE. AMDT. 31AG) ...	4	S.80	C	
28W/14456	SP11/B	Washer (PRE. AMDT. 30AG) ...	4	—	C	
1130	553133	NUT, cap (R.N.) ...	1	DTD.525	C	C7
1138	550006	NUT, gland (R.N.) ...	1	DTD.525	C	C7
1137	550007	NUT, locking (R.N.) ...	1	DTD.525	C	C7
1129	553132	PIECE, locking (PRE. MOD. 21AG) (R.N.)	1	DTD.525	C	

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF ST.	Plate No.
		1	2	3	4	5			M.R. L.M.	
	558474					PIECE, locking (MOD. 21AG)	1	S.80		C7
	552749					PLATE, actuator	1	L.64		C7
1127	550013					PLATE, valve (R.N.)	1	S.80	C	C7
1141	550019					PLATE, valve (R.N.)	1	S.80	C	C7
	CZ.28093					PLUG, 5 pin, 7 amp. — PLESSEY	1	—		C7
1003	550018					RING, sealing (R.N.)	1 set	VEEMET	C	C7
	552750					SHAFT	1	S.80		C7
1215	550026					SLEEVE, flanged (R.N.)	1	DTD.525	C	C7
1147	550009					WASHER (R.N.) } Alternatives	1	BS.369	C	C7
1149	550010					WASHER (R.N.) } Alternatives	1	BS.369	C	C7
	558834					WASHER, tab (AMDT. 30AG)	4	S.521		C7
	552753					WASHER, clamp	4	DTD.527B		C7
28M/10287	AGS.2001/B1					Nut	4	—	C	
1128	553131					WASHER, sealing (R.N.)	1	BS.899	C	C7
	557102					WASHER, tab (AMDT. 25AG)	1	DTD.171		C7
1547	557103					WASHER, tab (AMDT. 25AG) (R.N.)	2	DTD.171	C	C7
28D/13038	A26/2B					Bolt (PRE. AMDT. 25AG)	3	—	C	
28D/13040	A26/3B					Bolt (PRE. AMDT. 25AG)	7	—	C	
28M/13450	A24/BP					Nut	10	—	C	
28W/14456	SP11/B					Washer (PRE. AMDT. 25AG)	10	—	C	
	557102					WASHER, tab (AMDT. 25AG) (AMDT. 31AG)	3	DTD.171		C5

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF ST. M.R. L.M.	Plate No.
		1 2 3 4 5				
1095	513820	CONTROLLER, AUTOMATIC FLOW (R.N.) ...	1	—	P	C 10
		Spares for :—				
1546	557076/1	BOLT, special (AMDT. 24AG) ...	10	S.80	C	
1074	507414	CASE, complete ...	1	—	C	C 10
1075	507385	FLANGE, end ...	1	S.110	C	C 10
28D/13038	A26/2B	Bolt, 4 B.A. ...	10	—	C	
28M/13450	A24/BP	Nut, 4 B.A. ...	10	—	C	
28W/14456	SP11/B	Washer, 4 B.A. ...	10	—	C	
	559268	GASKET (AMDT. 31AG) ...	2	HALLITE	C	
595	507418	GASKET, sealing, at attachment of orifice to end flange and casing (PRE. AMDT. 31AG).	2	DTD.416	C	C 10
1212	554297	HUB, end ...	1	S.110	C	C 10
567	503327	NAMEPLATE ...	1	L.4	C	C 10
28S/6634	2R-1/8"	Screw ...	4	—	C	
1076	507410	NUT, spider, attachment to orifice hub ...	1	S.80	C	C 10
1544	554010	ORIFICE assembly ...	1	—		C 10
		Spares for :—				
	554009	EXTENSION, orifice ...	1	S.110		C 11
1077	507416	HUB ...	1	S.80	C	C 11
28Q/	AS.482/307	Rivet, csk., 3/32" dia. ...	9	—	C	
1086	507412	RING, spring seating at orifice ...	1	DTD.571	C	C 10
1198	554298	RING, valve spring seating ...	1	S.110	C	C 10
1082	507413	RING, clamp, end hub retaining ...	1	3L-42	C	C 10
	554296	ROD, support (PRE. MOD. 13AG) ...	1	S.80		C 10
	557029	ROD, support (MOD. 13AG) ...	1	S.80		C 10
1087	507401	SPIDER ...	1	DTD.525	C	C 10
1081	552082	SPRING assembly ...	1	—	C	C 10
		Spares for :—				
1210	552084	ADJUSTER, rate ...	1	3L-42	C	C 11
1209	552083	SPRING ...	1	NIM.90	C	C 11
1027	507402	STEM ...	3	S.80	C	C 10
1543	554333	VALVE, control, assembly ...	1	—		C 10
		Spares for :—				
1032	503605	BEARING ...	2	CARBON	C	C 11
1206	554299	BUSH ...	1	L.65	C	C 11
1205	552900	SPACER ...	1	DTD.130A	C	C 11
	554334	VALVE, control ...	1	HIDUM.100		C 11
28S/14451	A56/B4	Screw, grub ...	2	—	C	
1213	554301	WASHER, valve seating at end hub ...	1	S.110	C	C 10
1545	558049/1	WASHER, tab (TYPE 'X') (AMDT. 30AG) ...	5	S.521		

RESTRICTED

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RESTRICTED

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF	Plate No.
					ST. M.R. L.M.	
1117	513910	CONTROLLER, AUTOMATIC FLOW & SHUT OFF VALVE (R.N.) Spares for:—	1	—	P	C 12
1131	553129	BEARING, screwed valve plate adjusting (PRE. MOD. 21AG).	1	S.80	C	C 12
N.D.		BEARING, ball valve plate adjusting, 3/16" dia. HOFFMAN.	1	—		
	558052	BEARING, screwed (MOD. 21AG)	1	—		
1203	507830	BODY, valve, complete	1	—	C	C 12
28D/13038	A26/2B	Bolt (PRE. AMDT. 25AG)	7	—	C	
28M/13450	A24/BP	Nut	7	—	C	
28W/14456	SP11/B	Washer	7	—	C	
	A37/B16	Bolt (AMDT. 25AG)	7	—	C	
1142	506539	BOLT, valve plates and disc attachment	4	S.80	C	C 12
28W/14456	SP11/B	Washer (PRE. AMDT. 30AG)	8	—		
	558053	BUSH, valve plate adjusting (MOD. 21AG) ...	1	S.80	C	C 12
1161	553130	BUSH, valve plate adjusting (PRE. MOD. 21AG) ...	1	S.80	C	C 12
1208	552845	CASE, controller, complete (PRE. AMDT. 17AG) ...	1	—		C 12
	557820	CASE, controller, complete (AMDT. 17AG) ...	1	—	C	C 12
1134	505211	DISC, valve	1	DTD.747	C	C 12
1214	552846	GASKET, sealing orifice end hub to controller casing.	1	DTD.416	C	C 12
	559268	GASKET (AMDT. 31AG)	1	HALLITE	C	
595	507418	GASKET, sealing orifice end hub to contact valve body (PRE. AMDT. 31AG).	1	DTD.416	C	C 12
1212	554297	HUB, end support rod and orifice retaining ...	1	S.110	C	C 12
567	503327	NAMEPLATE	1	L.4	C	C 12
28S/6634	2R 1/8"	Screw	4	—		
1130	553133	NUT, cap locking piece retaining	1	DTD.525	C	C 12
1143	550380	NUT, valve plates and disc attachment (PRE. AMDT. 31AG).	4	S.80	C	C 12
1076	507410	NUT, spider attachment to orifice end hub ...	1	S.80	C	C 12
1137	550007	NUT, locking gland nut	1	DTD.525	C	C 12
1138	550006	NUT, gland	1	DTD.525	C	C 12
1204	552861	ORIFICE, assembly	1	—	C	C 12
		Spares for:—				
	507829	EXTENSION, orifice	1	S.80		C 13
	552843	HUB	1	—		C 13
28Q/6117	AS.462/306	Rivet	9	—	C	
	A37/B16	Screw (AMDT. 25AG)	3	—		
28S/16239	A37/B14	Screw (PRE. AMDT. 25AG)	3	—	C	
28D/13450	A24/BP	Nut	7	—	C	
28S/6428	A37/B12	Screw	4	—	C	
28W/14456	SP11/B	Washer	7	—	C	

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CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF	Plate No.
					ST.	
					M.R.	
					L.M.	
		1 2 3 4 5				
1141	550019	PLATE, valve	1	S.80	C	C 12
1127	550013	PLATE, valve	1	S.80	C	C 12
	A49/B	Nut (AMDT. 31AG)	4	—		
1434	554661	PLATE, indicator (PRE. AMDT. 23AG)	1	L.55	C	C 12
1400	558155	PLATE, indicator (AMDT. 23AG)	1	C	C	
1129	553132	PIECE, locking, valve plate adjusting bush (PRE. MOD. 21AG).	1	DTD.525	C	C 12
1330	558474	PIECE, locking (MOD. 21AG)	1	—	C	
1465	550025	POINTER, indicator plate (PRE. AMDT. 23AG)	1	DTD.171A	C	C 12
1401	558156	POINTER, indicator plate (AMDT. 23AG)	1	—	C	
1082	507413	RING, clamp end hub retaining	1	3L/42	C	C 12
1198	554298	RING, valve spring seating	1	S.110	C	C 12
1086	550412	RING, spring seating at orifice end hub	1	DTD.571	C	C 12
1003	550018	RING, sealing shut off valve	1 set	Veemet 'A'	C	C 12
	554296	ROD, support (PRE. MOD. 13AG)	1	S.80		C 12
1433	557029	ROD, support (MOD. 13AG)	1	S.80		C 12
1211	550024	SHAFT, shut off valve control	1	S.80	C	C 12
28S/9419435	A31/B12	Screw	1	—	C	
28W/12676	SP22/B	Washer	1	—	C	
1215	550026	SLEEVE, flanged control valve	1	DTD.525	C	C 12
28M/10339	AGS.2002/C2	Nut	4	—	C	
28S/15962	A37/C6	Screw	4	—	C	
28W/14319	SP11/C	Washer	4	—	C	
1087	507401	SPIDER	1	DTD.525	C	C 12
1081	552082	SPRING assembly	1	—	C	C 12
		Spares for:—				
1210	552084	ADJUSTER rate	1	3L/42	C	C 13
1209	552083	SPRING	1	NIM.90	C	C 13
1027	507402	STEM, spider control	3	S.80	C	C 12
	554295	VALVE, control assembly	1	—		C 12
		Spares for:—				
1032	503605	BEARING	2	CARBON	C	C 13
1206	554299	BUSH	1	L.65	C	C 13
28S/14451	A56/B4	Screw, grub	2	—	C	
1205	552900	SPACER	1	DTD.130A	C	C 13
1207	554300	VALVE, control	1	HIDUM 100	C	C 13
1128	553131	WASHER, sealing locking piece	1	BS.899	C	C 12
1147	550009	WASHER, inner and outer seating of shut off valve sealing rings.	2	BS.369	C	C 12
1149	550010	WASHER, inner seating of shut off valve sealing rings (alternative to 550009).	2	BS.369	C	C 12
1213	554301	WASHER, support rod seating	1	DTD.171A	C	C 12
	558834	WASHER, tab (AMDT. 30AG)	4	S.521		C 12

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF ST. M.R. L.M.	Plate No.
		1 2 3 4 5				
1097	515940	CONTROLLERS, AUTOMATIC FLOW	1	—	A	C 15
		Spares for :—				
	556962	AUGMENTOR , assembly	1	—		C 15
		Spares for :—				
	508098	BODY assembly	1	—		C 17
		Spares for :—				
	508080	BODY	1	L.35		C 18
	550895	BUSH — MORGAN CRUCIBLE	1	L.35		C 18
28N/12489	AGS.2030/5	Circlip	1	—	C	
	508099	STUD , attachment of augmentor to controller.	6	DTD.197		C 18
	551500	WASHER , bush retaining	1	DTD.610		C 18
	553247	BODY , cylinder, complete	1	—		C 17
	508814	BOLT , attachment of cylinder body to flow control valve body.	8	L.42		C 17
	555421	BUSH , special, at piston	1	L.42		C 17
	550958	COLLAR , spacing at seating of control valve spring.	1	L.42		C 17
	508839	GASKET , at attachment of cylinder body to main body.	1	KLING		C 17
897	508732	GASKET , seating of union to cylinder body ...	1	KLING		C 17
	550731	GUIDE , controller spring, assembly	1	—		C 17
		Spares for :—				
	550895	BUSH — MORGAN CRUCIBLE	1	EY.9		C 18
28N/12489	AGS.2030/5	Circlip	1	—	C	
	550959	GUIDE , spring	1	L.42		C 18
	551500	WASHER , bush retaining	1	DTD.610		C 18
	508823	NUT at attachment of cylinder body to main body.	8	DTD.197		C 17
	553752	PISTON assembly	1	—		C 17
		Spares for :—				
	553751	NUT , piston ring retaining	2	L.42		C 18
	508849	PISTON	1	L.42		C 18
	550555	RING , piston — MORGAN CRUCIBLE	2	G.9006		C 18
	553243	SCREW , grub locking piston ring retaining nuts.	1	S.S.		C 18
	508730	SPACER , piston ring	1	L.42		C 18
	508729	WASHER	1	L.42		C 18

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CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF ST. M.R. L.M.	Plate No.
		1	2	3	4	5				
28P/5322	508846	RING, packing seating of flow control valve spring.					1	L.42		C 17
	508843	RING, locking, spring guide retaining					1	L.42		C 17
	508723 560894	RING, thrust at piston					1	L.42		C 17
	5100/25	RING, retaining — TRUARC					1	—		C 17
	508094	ROD, support assembly					1	—		C 17
		Spares for :—								
	508096	PIECE, end					1	L.42		C 18
	SP29/E4	Pin, taper					1	—	C	
	508095	ROD, support					1	DTD.525		C 18
	508954	SCREW, grub, piston thrust ring locking					1	—		C 17
	508735	SCREW, grub, thrust ring locking					1	S.80		C 17
	551057	SEAL, at spring guide, locking ring					1	DTD.416		C 17
	551764	SPACER, piston					AR	2L.42		C 17
	551763	SPRING, piston					1	NIM-90		C 17
28S/16480	551335	SPRING, flow control valve assembly					1	—		C 17
		Spares for :—								
	550960	ADJUSTER, rate					1	L.42		C 18
	A31/A4	Screw					1	—	C	
	508091	STUD, locking flow control valve					1	DTD.525		C 17
	1110 556970	UNION					1	S.110	C	C 17
	556955	VALVE, flow control assembly					1	—		C 17
		Spares for :—								
	508808	BEARING — MORGAN CRUCIBLE					2	EY.9		C 18
	550957	COLLAR					1	L.42		C 18
28S/6617	508082	FLANGE, locking					1	L.42		C 18
	550961	PLATE, valve					1	L.42		C 18
	A37/B8	Screw, 4 B.A.					4	—	C	
	508087	PLUG					1	L.42		C 18
	574 497989	SCREW, grub, plug and locking flange (R.N.)					3	L.42	C	C 18
	508086	SPACER					1	L.42		C 18
	551338	SPIDER					1	L.42		C 18
	556952	VALVE, flow control					1	L.42		C 18
	508847	WASHER, at attachment of cylinder body to main body.					8	L.42		C 17

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF	Plate No.
					ST.	
					M.R.	
1	2	3	4	5	L.M.	
905	508999	BLOCK, complete at straps	1	—	C	C 15
28D/12515	A25/10C	Bolt, 2 B.A.	2	—	C	
28M/10328	AGS.2002/C1	Nut, 2 B.A.	2	—	C	
28W/9419454	SP10/C	Washer, 2 B.A.	2	—	C	
	556951	CONTROLLER, primary assembly	1	—		C 15
		Spares for :—				
	556950	BODY, controller	1	L.35		C 16
	556956	BOLT, cylinder attachment to body	10	DTD.197		C 16
	DDS.1092/Z/1B	BOLT, attachment of grid to pillars (PRE. ALT. H19).	3	—		
	508063	BOLT, piston guide	1	DTD.525		C 16
	550385	CYLINDER, piston	1	L.35		C 16
898	550729	GRID, complete (PRE. ALT. H19)	1	—	C	C 16
	508077	NUT, spring guide	1	S.80	C	C 16
28W/13388	SP14/E	Washer, 1/4" B.S.F.	1	—	C	
	899	508826	PILLAR, grid (PRE. ALT. H19)	3	S.80	C 16
	508073	PISTON assembly	1	—		C 16
		Spares for :—				
	508815	BEARING — MORGAN CRUCIBLE	1	EY.9		C 18
28N/14641	AGS.2030/147	Circlip	1	—	C	
	508066	PISTON	1	L.35		C 18
	508059	RING, adjusting spring seat	1	DTD.197		C 16
	551331	SEAT, spring	1	L.42		C 16
	561853	(SCREW locking adjusting ring (PRE. ALT. H21))	1	DTD.197		C 16
28W/9419475	508822	SCREW, locking adjusting ring (PRE. ALT. H21)	1	DTD.197		C 16
	SP15/C	Washer, 2 B.A.	1	—	C	
	508078	SPACER, spring adjusting	AR	L.42		C 16
	551336	SPRING, assembly	1	—		C 16
		Spares for :—				
	551330	ADJUSTER, rate	1	L.42		C 18
	551337	SCREW, rate adjuster locking	1	M.S.		C 18
	508061	SUPPORT, end SUPPORT ALT. H21...	1	L.42		C 16
	508060	WASHER, adjusting ring seating	1	DTD.166B		C 16
	508840	GASKET	1	DTD.416		C 15

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CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF	Plate No.
					ST. M.R. L.M.	
534	500500	NAMEPLATE (R.N.)	1	L.4	C	C 15
28S/6470	2R 3/16"	Screw	4	—	C	
	508823	NUT, attachment of augmentor to controller ...	6	DTD.197		C 15
903	508997	STRAP, upper, complete	1	—	C	C 15
904	508998	STRAP, upper, complete	1	—	C	C 15
901	508995	STRAP, lower, complete	1	—	C	C 15
902	508996	STRAP, lower, complete	1	—	C	C 15
28D/12531	A25/3C	Bolt, 2 B.A.	2	—	C	
28M/10328	AGS.2002/C1	Nut, 2 B.A.	2	—	C	
	508782	WASHER, special, at upper and lower straps ...	4	S.3		C 15
	508847	WASHER, at attachment of augmentor to controller.	6	L.42		C 15

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF ST.	Plate No.
					M.R. L.M.	
1363	513270	CONTROLLER, AUTOMATIC FLOW (R.N.) ...	1	—	P	C 8
		Spares for :—				
1515	557076	BOLT (AMDT. 29AG) ...	10	S.80	C	
	554255	CASE, complete (PRE. AMDT. 29AG) ...	1	—		C 8
1521	558635	CASE, complete (AMDT. 29AG) ...	1	—	C	
28D/13038	A26/2B	Bolt, 4 B.A. (PRE. AMDT. 29AG) ...	10	—	C	
28M/13450	A24/BP	Nut, 4 B.A. ...	10	—	C	
28W/14456	SP11/B	Washer, 4 B.A. (PRE. AMDT. 29AG) ...	10	—	C	
1514	554266	FLANGE ...	1	S.110	C	C 8
1533	554269	GASKET, flange sealing at orifice ...	1	DTD.278A	C	C 8
1532	554268	GASKET, sealing at attachment of orifice to case ...	1	DTD.378A	C	C 8
1519	554265	HUB, end ...	1	S.110	C	C 8
567	503327	NAMEPLATE (R.N.) ...	1	L.4	C	C 8
28S/6634	2R 1/8"	Screw ...	4	—	C	
1076	507410	NUT, spider locking orifice to hub ...	1	—	C	C 8
1520	554746	PIECE, distance, end hub and orifice ...	1	S.80	C	C 8
1528	554257	ORIFICE assembly ...	1	—	C	C 8
		Spares for :—				
	554258	EXTENSION, orifice ...	1	HIDUM. 100		C 9
	554259	HUB ...	1	S.80		C 9
28Q/	AS.462/308	Rivet ...	6	—	C	
28M/13450	A24/BP	Nut, 4 B.A. (PRE. AMDT. 29AG) ...	4	—	C	
28S/6428	A37/B12	Screw, 4 B.A. (PRE. AMDT. 29AG) ...	4	—	C	
28W/14456	SP11/B	Washer, 4 B.A. (PRE. AMDT. 29AG) ...	4	—	C	
1518	554256	RING, clamp, end hub retaining ...	1	S.80	C	C 8
1531	558078	SCREW (AMDT. 29AG) ...	4	S.80	C	
1513	554267	SPIDER ...	1	S.80	C	C 8
1529	554264	SPINDLE ...	1	S.80	C	C 8
1522	554250	SPRING, assembly ...	1	—	C	C 8
		Spares for :—				
	554252	ADJUSTER, spring rate ...	1	L.65		C 9
1523	554251	SPRING ...	1	NIM. 90	C	C 9
1027	507402	STEM, spider control ...	3	S.80	C	C 8
1524	556046	VALVE, control assembly ...	1	—	C	C 8
		Spares for :—				
1525	507430	BEARING ...	2	—	C	C 9
1527	554263	BUSH ...	1	3L-42	C	C 9
1526	554262	SPACER ...	1	3L-42	C	C 9
	556045	VALVE, control ...	1	HIDUM. 100		C 9
28S/14451	AS56/B4	Screw, grub ...	2	—	C	
1530	554253	WASHER, spring seating at orifice ...	1	DTD.571	C	C 8
1517	554254	WASHER, spring sealing at valve ...	1	DTD.571	C	C 8
1516	558049/4	WASHER, tab (TYPE 'X') (AMDT. 30AG) ...	5	S.521	C	

CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF ST. M.R. L.M.	Plate No.
		1 2 3 4 5				
1938	520640	CONTROLLER, AUTOMATIC FLOW (R.N.) (MOD. 34AG). Spares for :—	1	—	P	C 14
1501	555326	ADJUSTER	1	DTD.197	C	C 14
1495	555314	ADJUSTER, rate assembly Spares for :—	1	—	C	C 14
	555997	ADJUSTER, rate	1	L.65		C 14
	555314/1	ROD	1	Slr.S.		C 14
	555315	SPRING, compression	1	DTD.747		
	559772	BODY, complete	1	S.S.	C	C 14
1504	555331	BOLT, special	8	DTD.197		C 14
28W/9419475	SP15/C	Washer	8	—		
	560048	CARRIER, spring, complete	1	—		C 14
	559771	CYLINDER	1	L.35	C	C 14
28S/9784	A35/C20	Screw	2	—	C	
1506	555332	FLANGE, end	1	L.35	C	C 14
	559773	GASKET (PRE. AMDT. 36AG)	1	ASB		
1499	555329	GASKET	1	HALLITE	C	C 14
534	500500	NAMEPLATE	1	L.4	C	C 14
28Q/6663	AS.2227/303	Rivet	4	—	C	
1492	555317	PISTON, assembly Spares for :—	1	—	C	C 14
1493	555320	BUSH	2	—	C	C 14
28W/12925	AGS.2030/29	Circlip	2	—	C	
	ND/S.342	PISTON, group	1	—		C 14
1494	555321	TUBE, distance	1	L.62	C	C 14
	562442	PLUG (AMDT. 42AG)	4	S.80		C 14
1511	555322	PLUG	1	S.80	C	C 14
	559775	RING, spacer	1	L.65		C 14
1500	555327	SCREW, peg	1	S.80	C	C 14
1508	555324	SHAFT	1	S.80	C	C 14
	5100/23W	RETAINER — 'TRUARC' (AMDT. 42AG)	4	—		C 14
1503	555330	SPIDER	1	L.35	C	C 14
1502	555325	SPINDLE	1	S.80	C	C 14
1507	555323	STOP	1	S.80	C	C 14
28M/13266	A24/ES	Nut	1	—	C	
28P/9429528	SP9/C8	Pin, split	1	—	C	
28P/5327	SP29/H6	Pin, taper... ..	1	—	C	
28P/5328	SP29/H8	Pin, taper... ..	1	—	C	
28W/9419405	SP15/E	Washer	1	—	C	
1505	555336	WASHER	8	KLING	C	C 14
1497	558178	WASHER, spring	2	DTD.239	C	C 14
1512	556546	WASHER, tab	1	DTD.166B	C	C 14
	562443	WASHER (AMDT. 42AG)	4	S.80		C 14

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CONTROLLERS, AUTOMATIC FLOW

Ref. No.	Part No.	Description	No. Off	Matl. Spec.	CL. OF ST. M.R. L.M.	Plate No.
		1 2 3 4 5				
1374	512870	CONTROLLER, AUTOMATIC FLOW (R.N.) ...	1	—	P	C 14
		Spares for :—				
1501	555326	ADJUSTER	1	DTD.197		C 14
1495	555314	ADJUSTER, rate assembly	1	—		C 14
		Spares for :—				
	555997	ADJUSTER, rate	1	L.65		C 14
	555314/1	ROD	1	Slr.S.		C 14
	555315	SPRING, compression	1			
1510	555334	BODY, complete	1	S.S.		C 14
1504	555331	BOLT, special	8	DTD.197		C 14
28W/9419405	SP15/E	Washer	8	—	C	
1498	555335	CARRIER, spring	1	L.42		C 14
1509	555333	CYLINDER	1	L.35		C 14
28S/9784	A35/C20	Screw	2	—	C	
28W/3098	AGS.162/C	Washer, spring (PRE. AMDT. 24AG)	2	—	C	
1497	558178	WASHER, spring (AMDT. 24AG)	2	DTD.239		
1506	555332	FLANGE, end	1	L.35		C 14
1496	555328	GASKET	1	DTD.378A		C 14
1499	555329	GASKET	1	HALLITE		C 14
534	500500	NAMEPLATE	1	L.4	C	C 14
28Q/6663	AS.2227/303	Rivet	4	—	C	
1492	555317	PISTON, assembly	1	—		C 14
		Spares for :—				
1493	555320	BUSH	2	—		C 14
28W/12925	AGS.2030/29	Circlip	2	—	C	
	ND/S342	PISTON, group	1	—		C 14
1494	555321	TUBE, distance	1	L.62		C 14
1511	555322	PLUG	1	S.80		C 14
1500	555327	SCREW, peg	1	S.80		C 14
1508	555324	SHAFT	1	S.80		C 14
1503	555330	SPIDER	1	L.35		C 14
1502	555325	SPINDLE	1	S.80		C 14
1507	555323	STOP	1	S.80		C 14
28M/13266	A24/ES	Nut	1	—	C	
28P/9429528	SP9/C8	Pin, split	1	—	C	
28P/5327	SP29/H6	Pin, taper	1	—	C	
28P/5328	SP29/H8	Pin, taper	1	—	C	
28W/9419405	SP15/E	Washer	1	—	C	
1505	555336	WASHER	8	KLING	C	C 14
1512	556546	WASHER, tab	1	DTD.166B	C	C 14

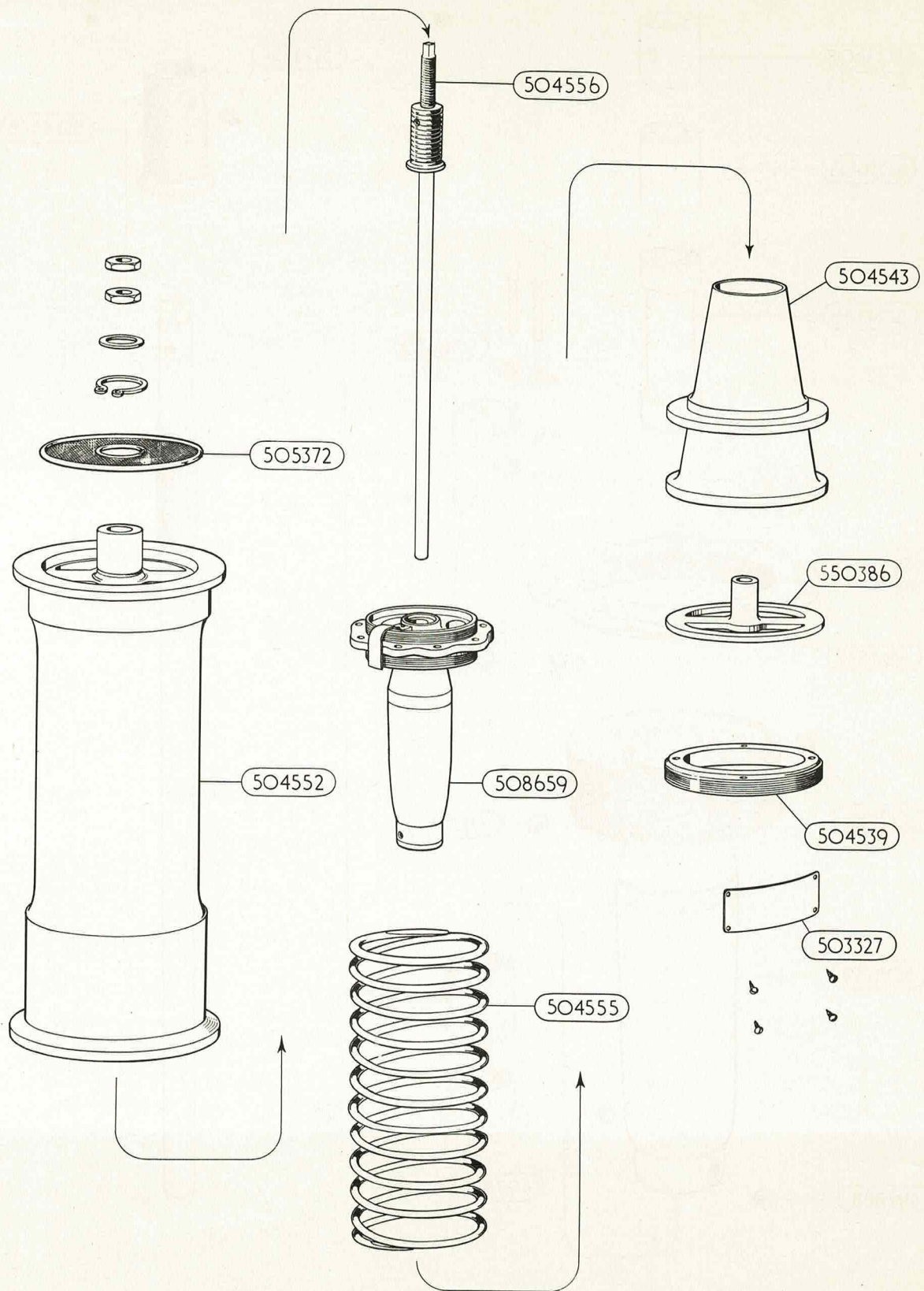
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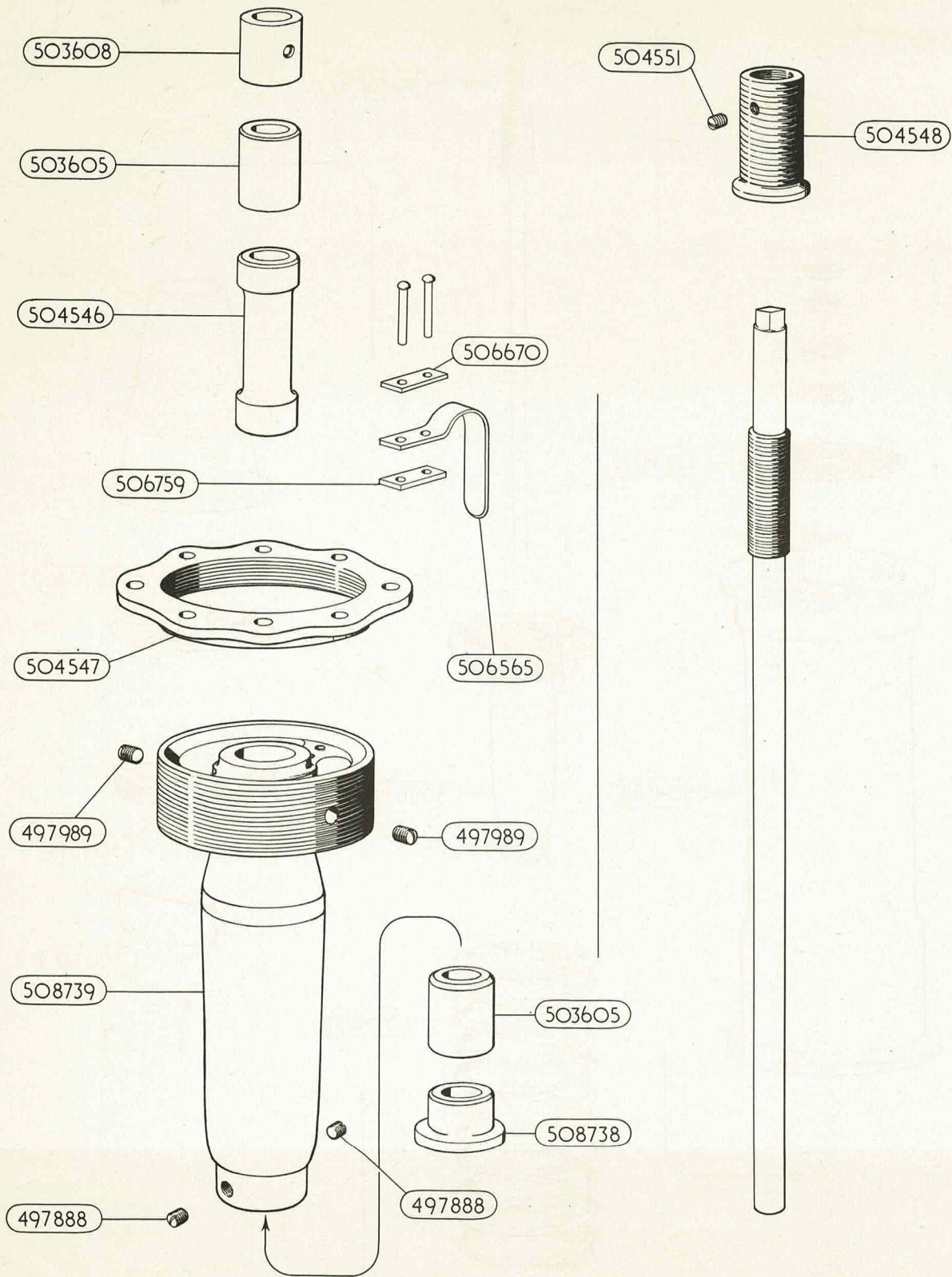
PLATE C I



CONTROLLER, AUTOMATIC FLOW

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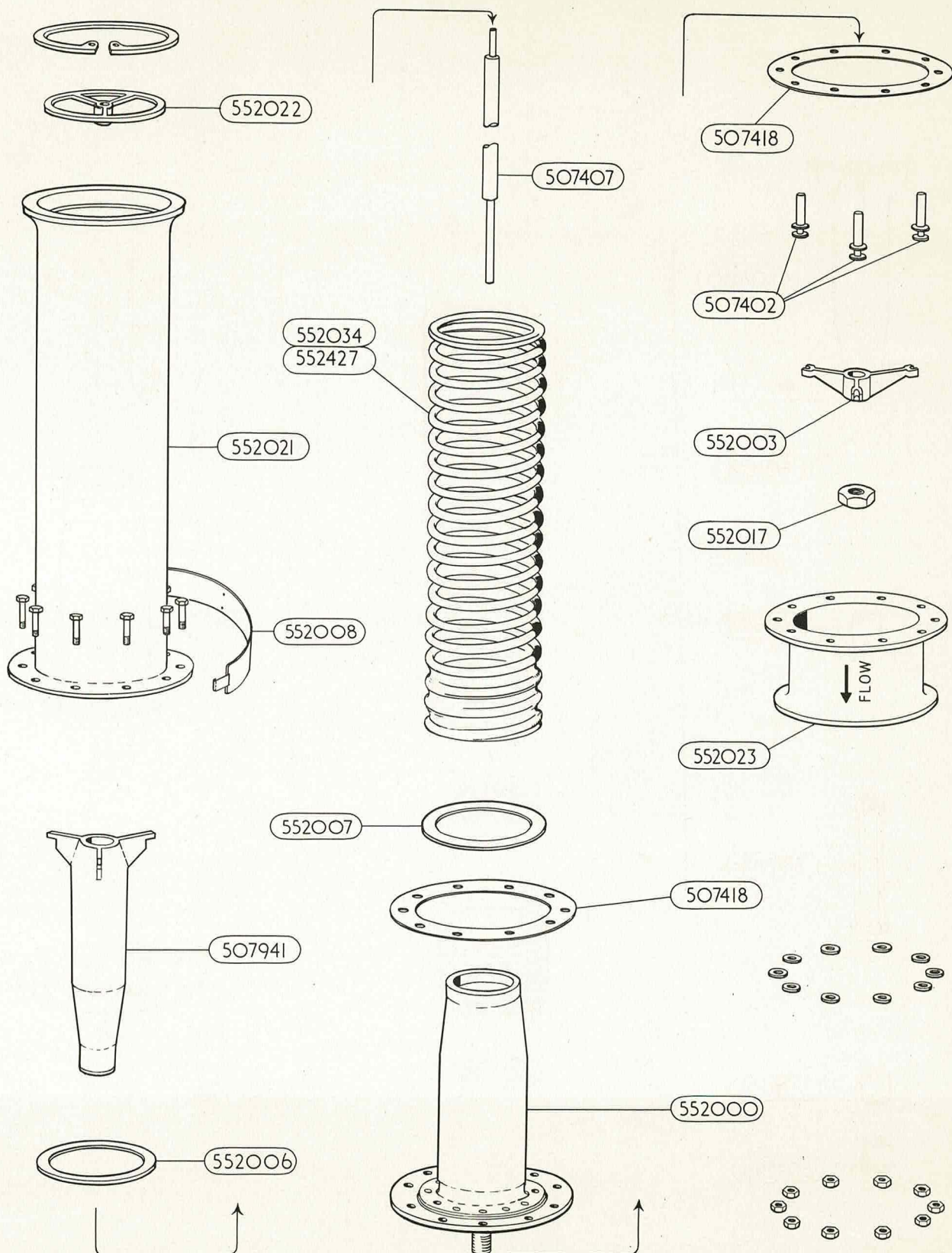
PLATE C 2



ASSEMBLIES VARIOUS

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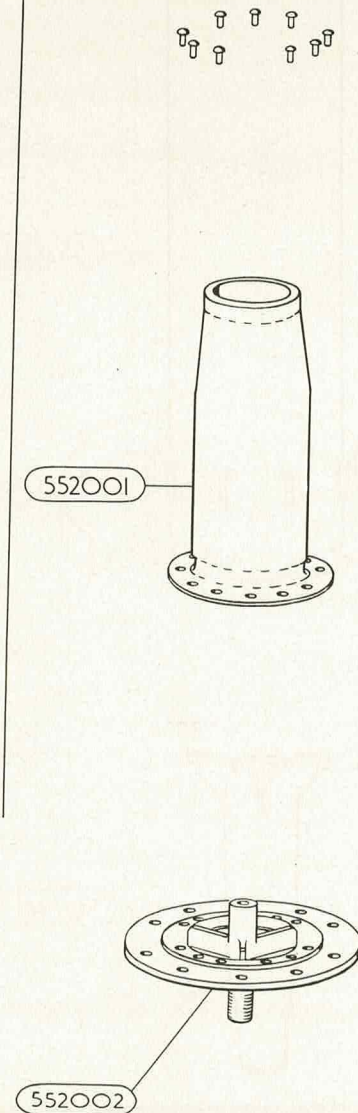
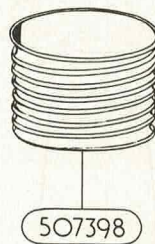
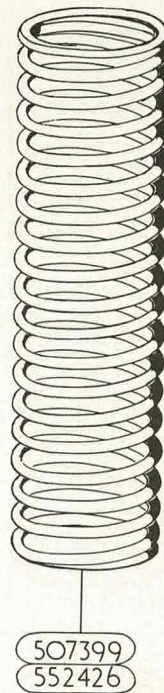
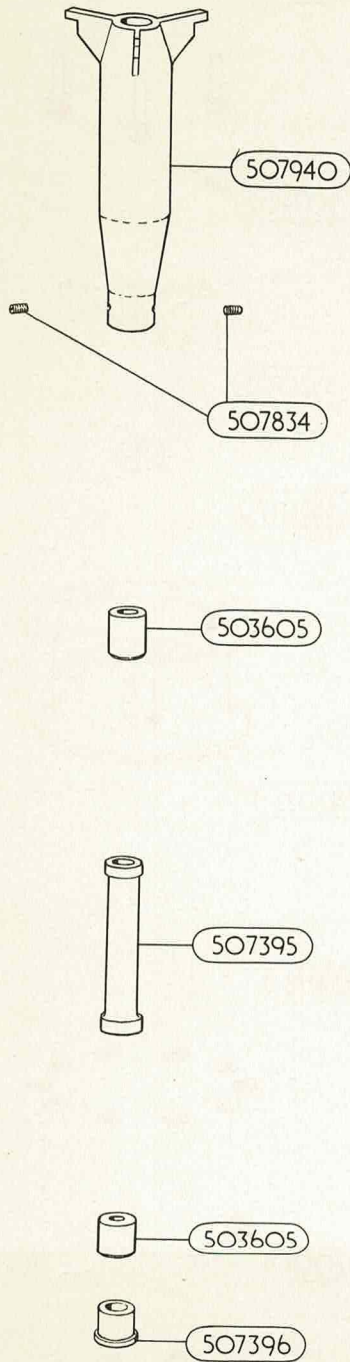
PLATE C 3



CONTROLLER, AUTOMATIC FLOW

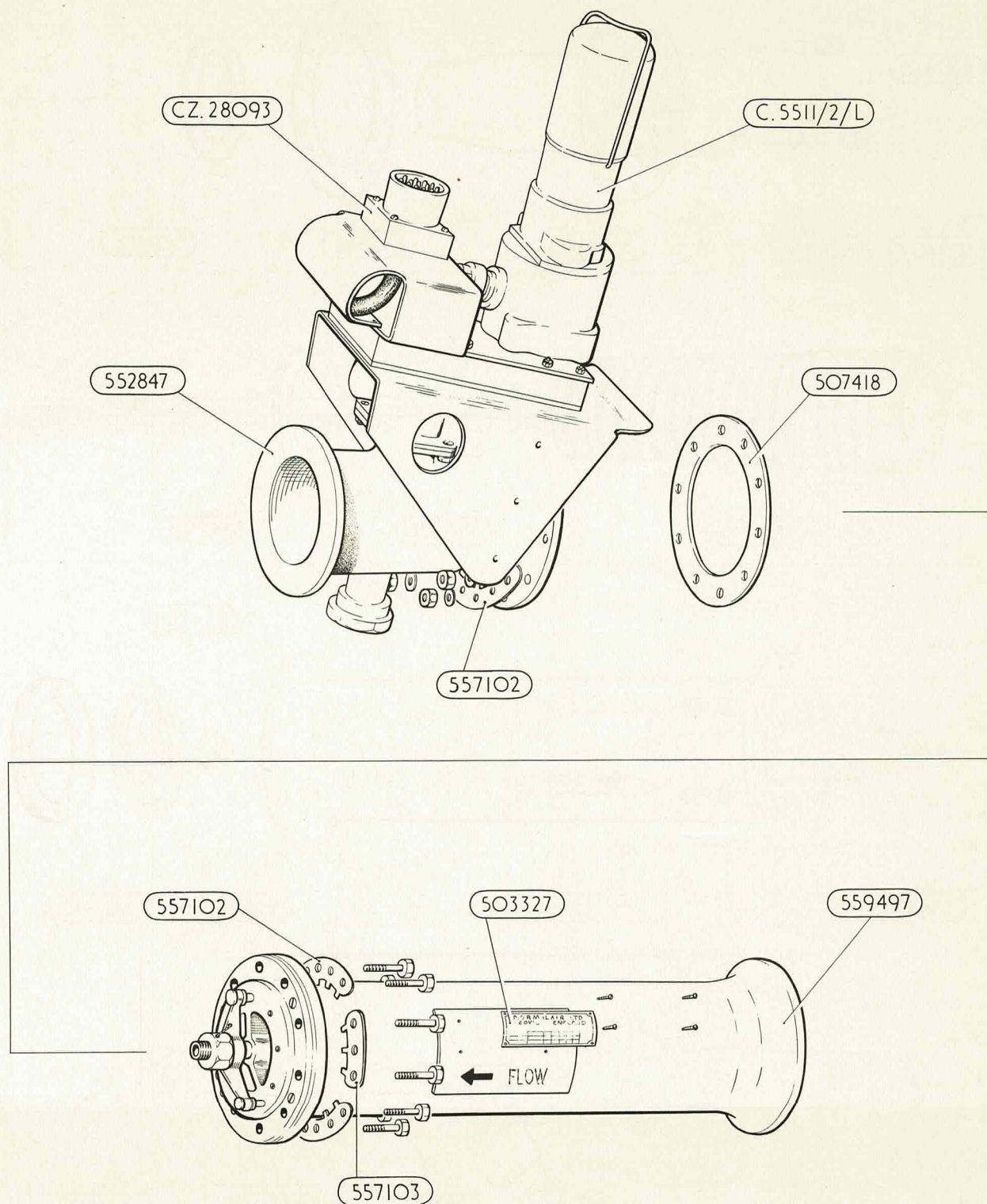
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PLATE C 4



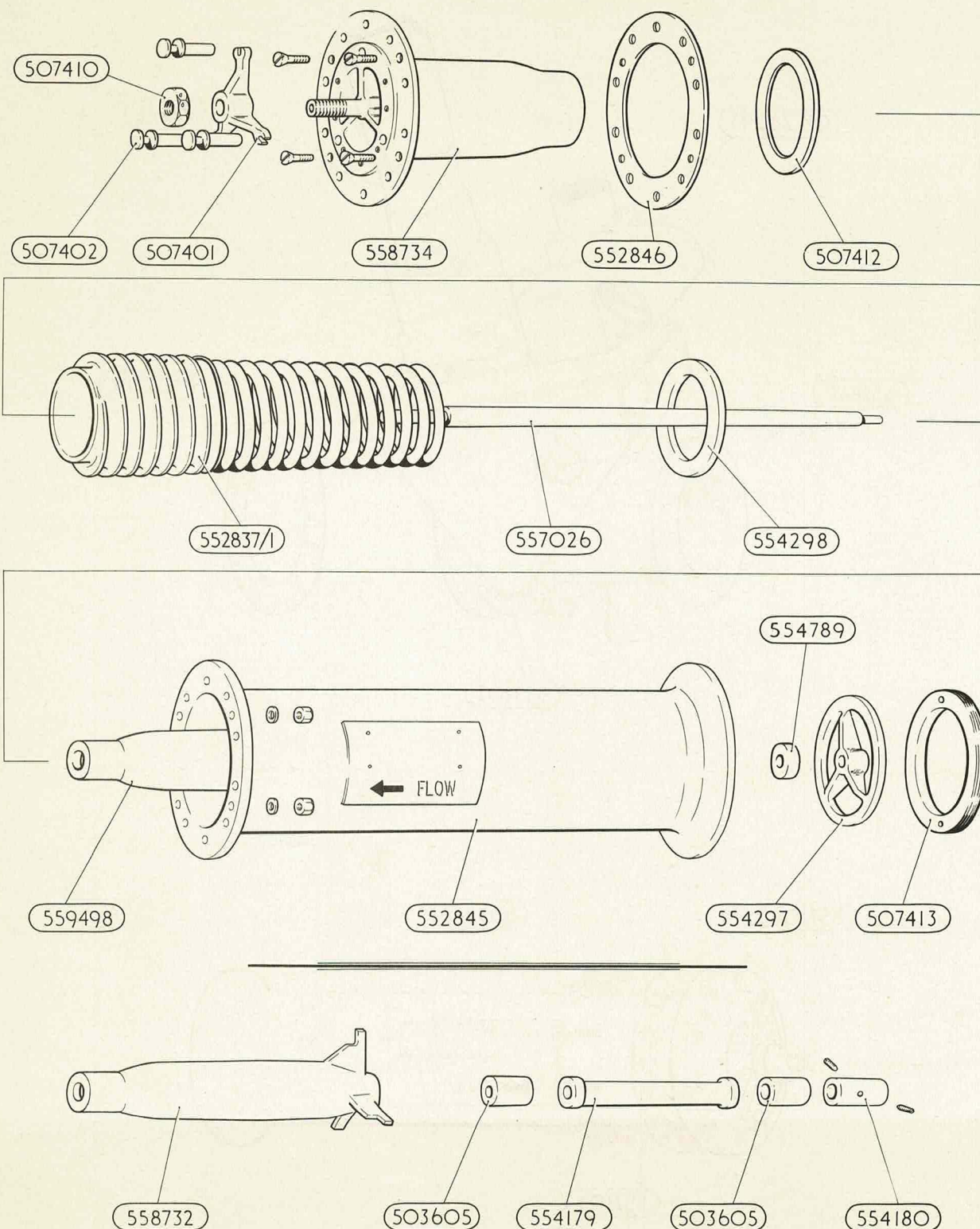
ASSEMBLIES VARIOUS

PLATE C5



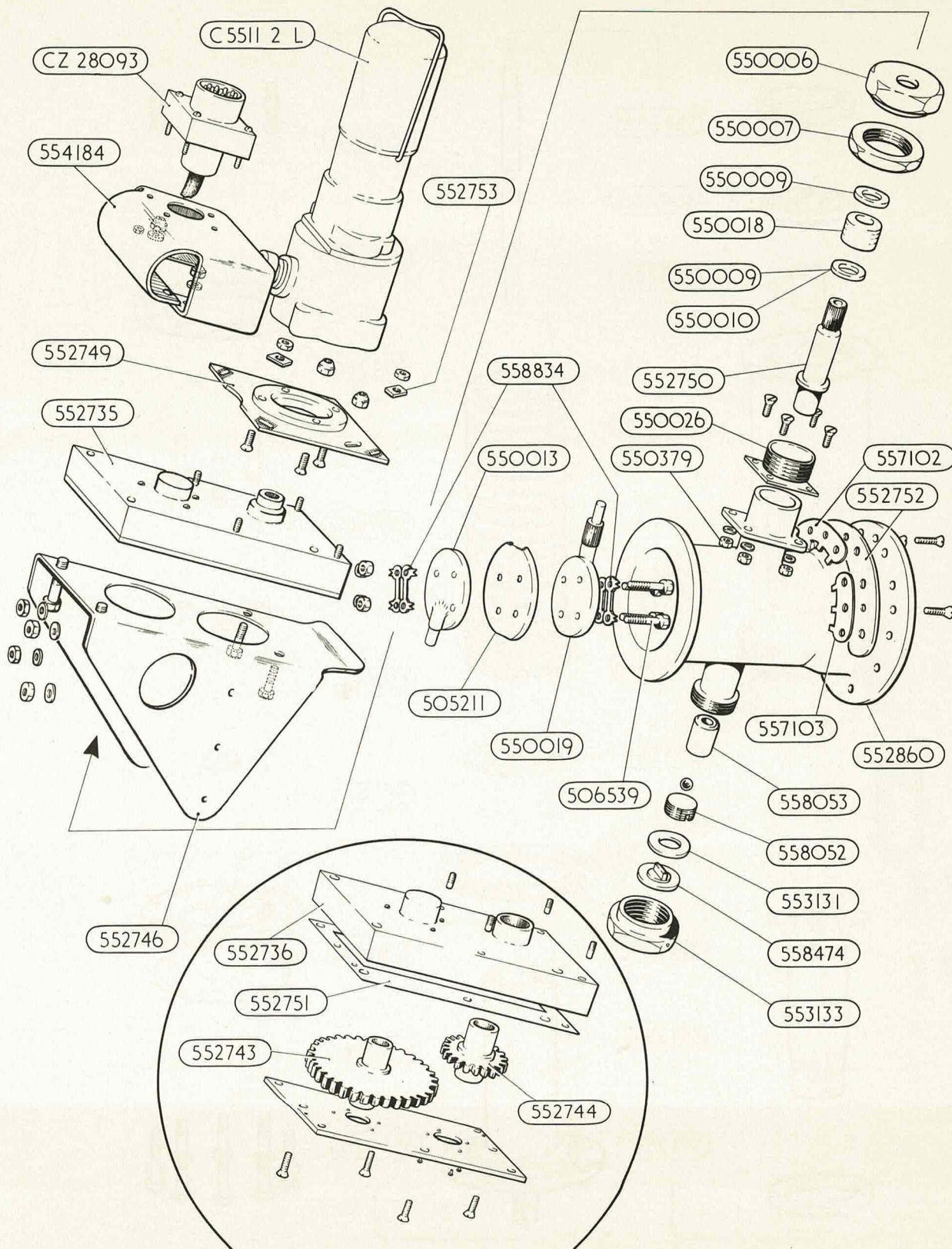
AUTOMATIC FLOW CONTROLLER & SHUT OFF VALVE

PLATE C6



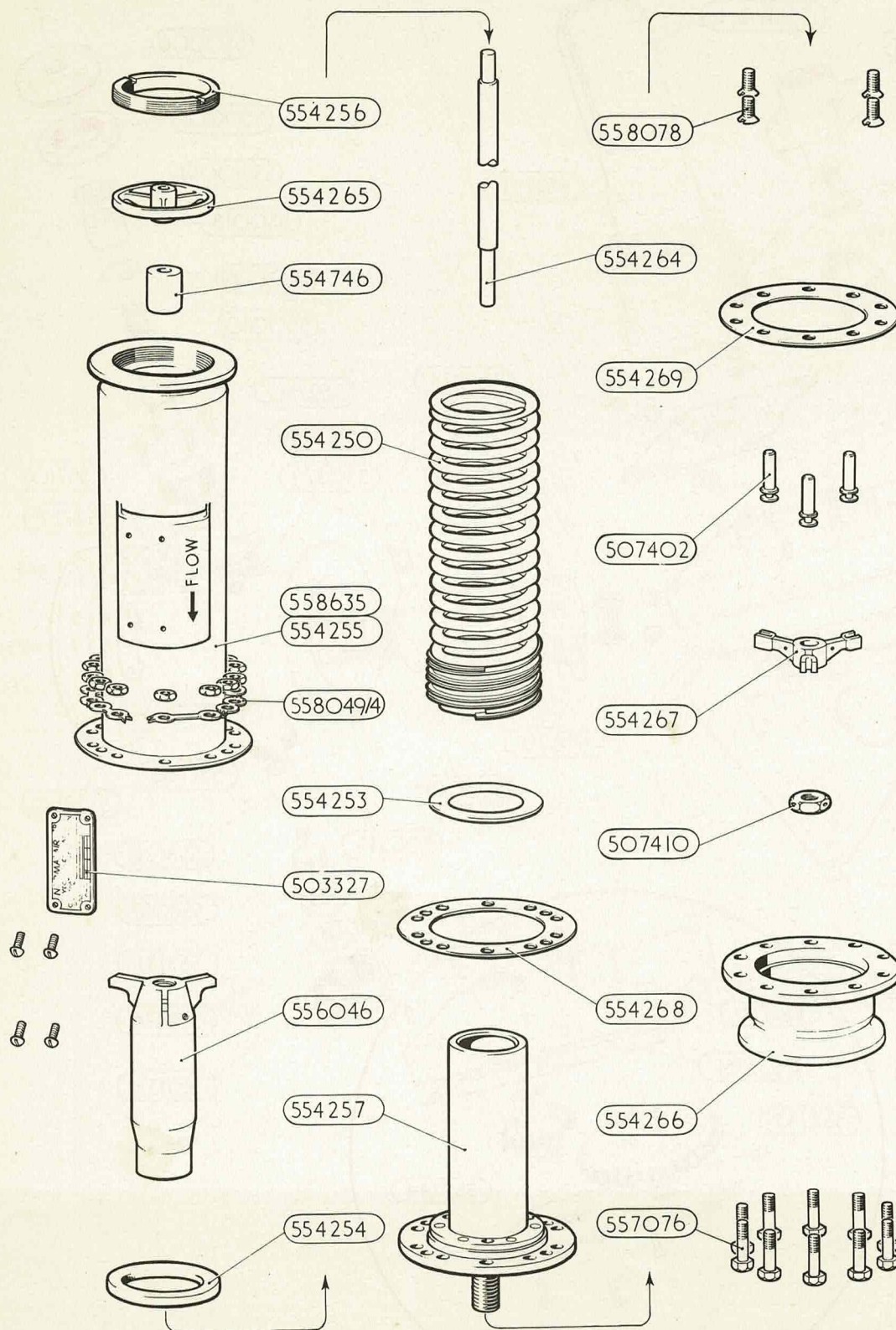
ASSEMBLIES, VARIOUS

PLATE C 7

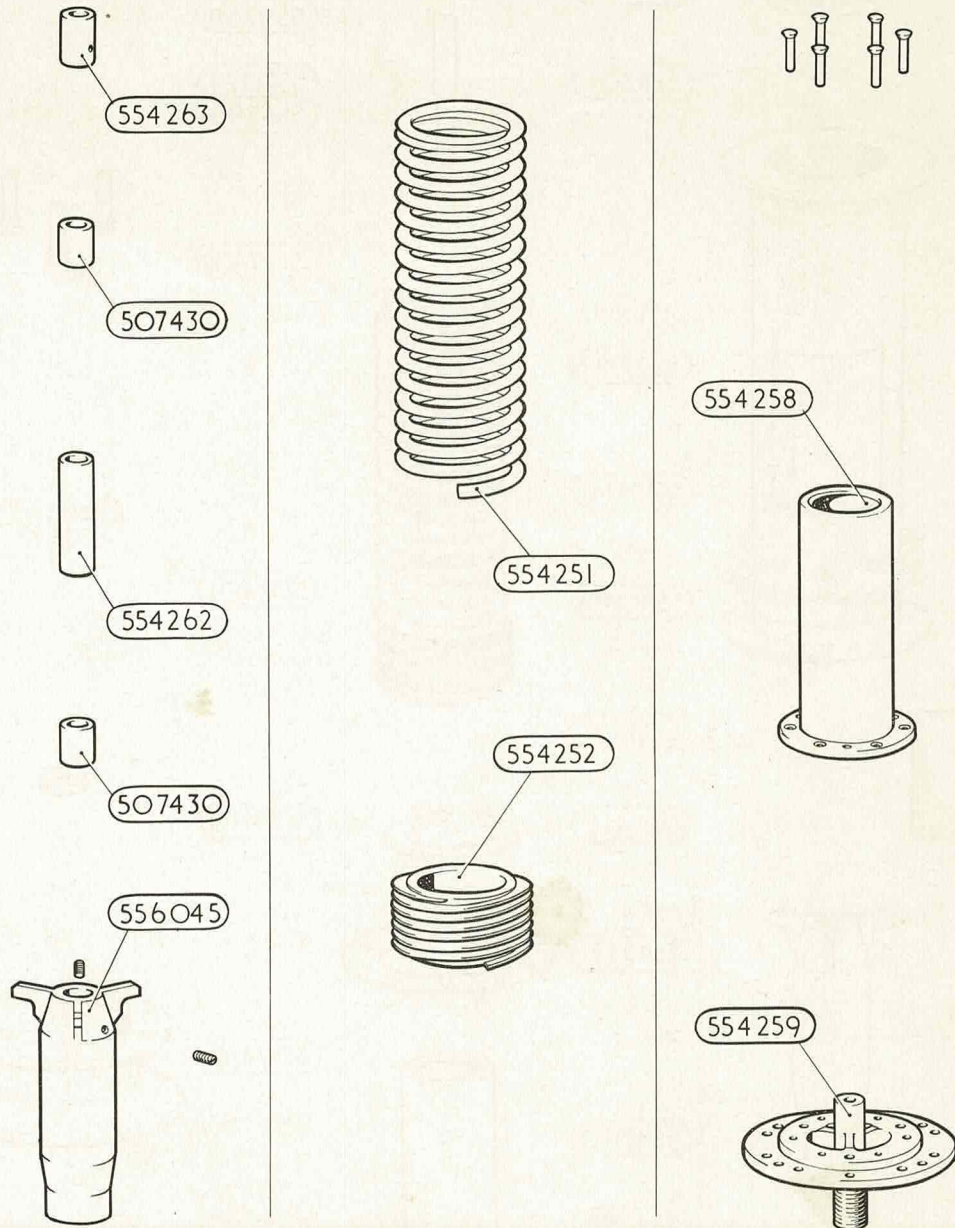


ASSEMBLIES, VARIOUS

PLATE. C 8

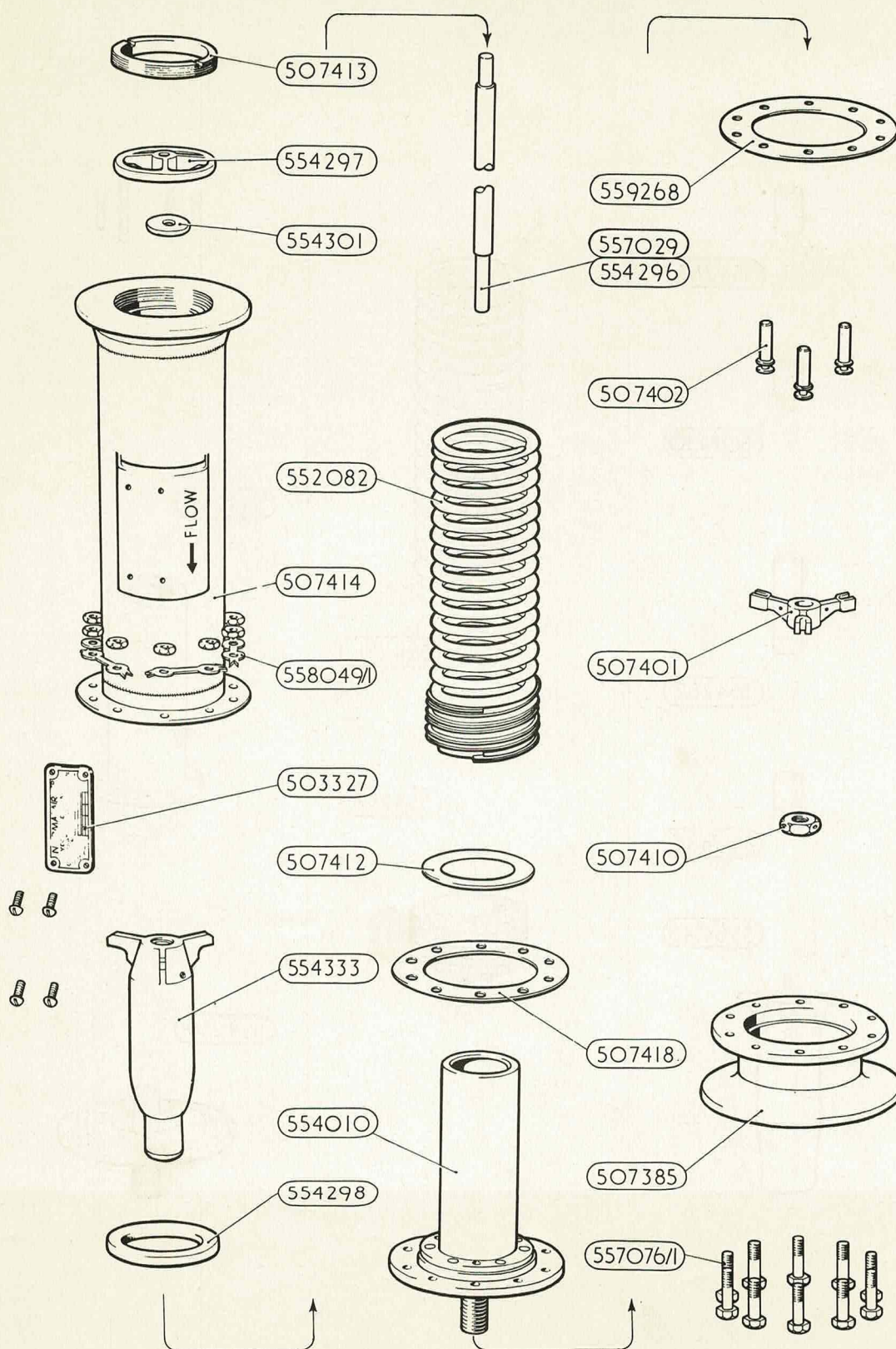


CONTROLLER, AUTOMATIC FLOW

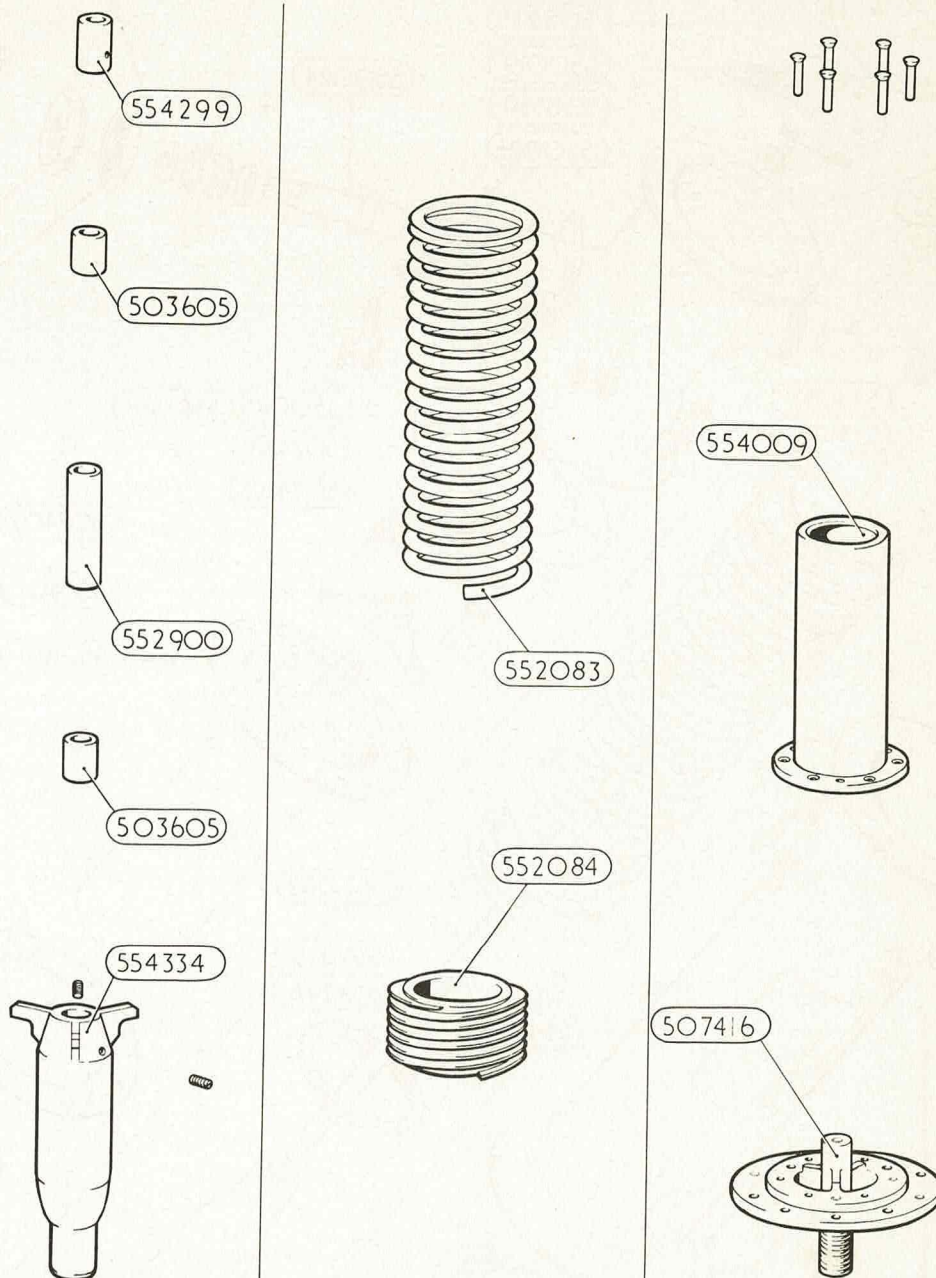


ASSEMBLIES VARIOUS

PLATE.CIO



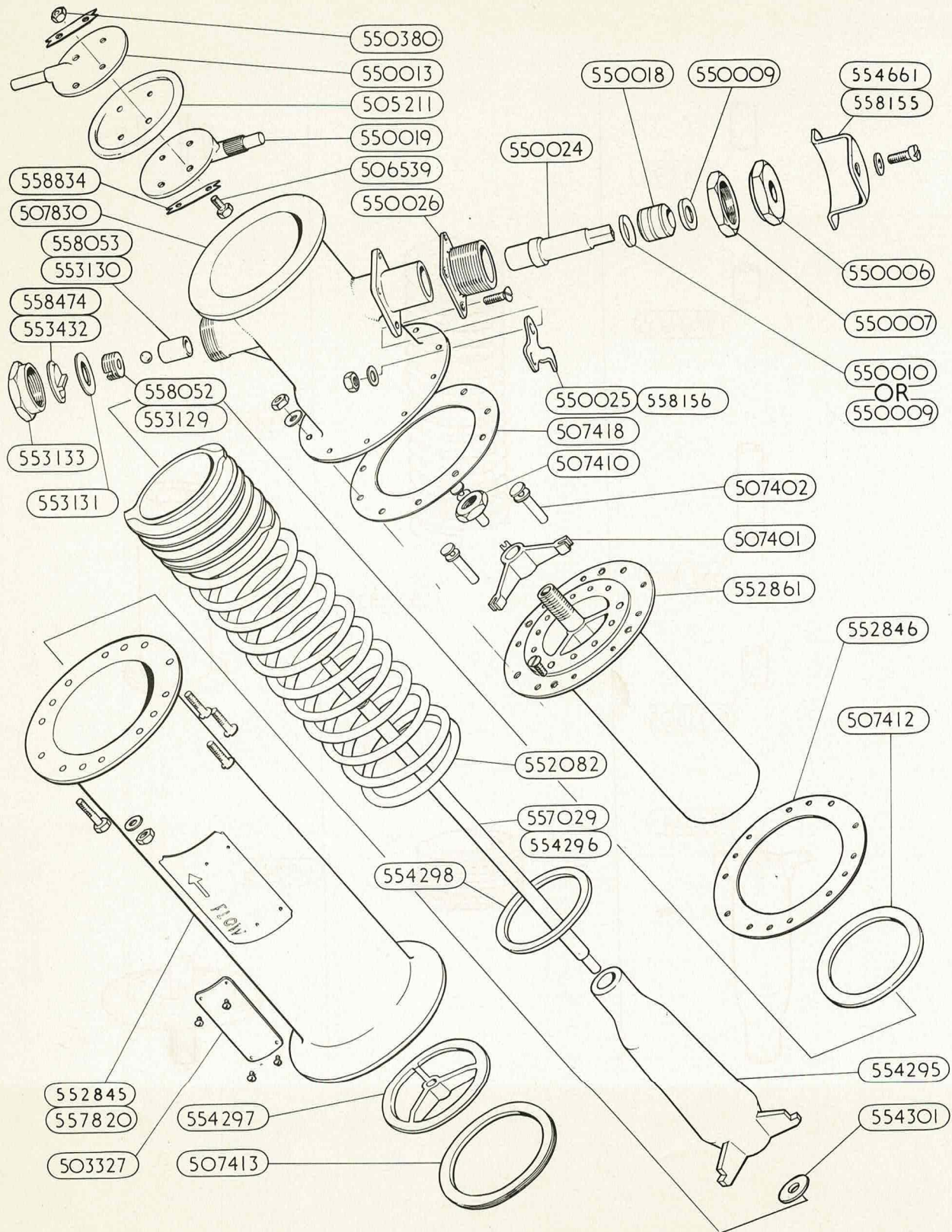
CONTROLLER. AUTOMATIC FLOW



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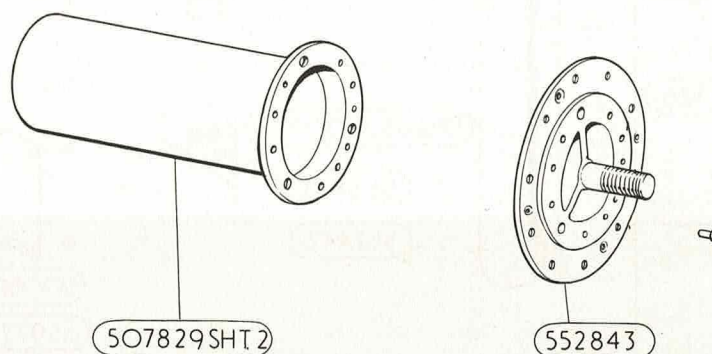
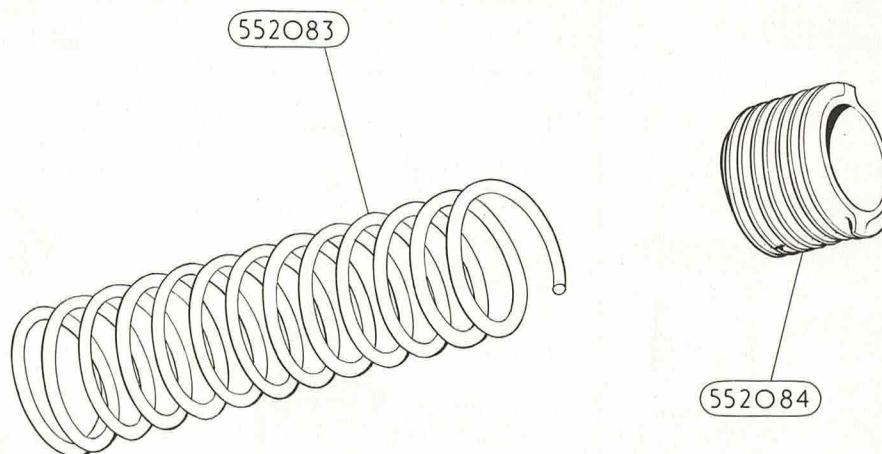
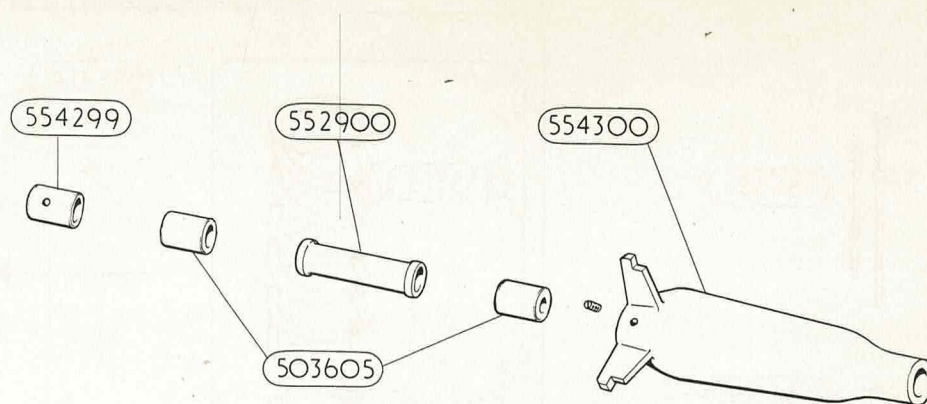
ISSUED WITH AL 5

PLATE C12



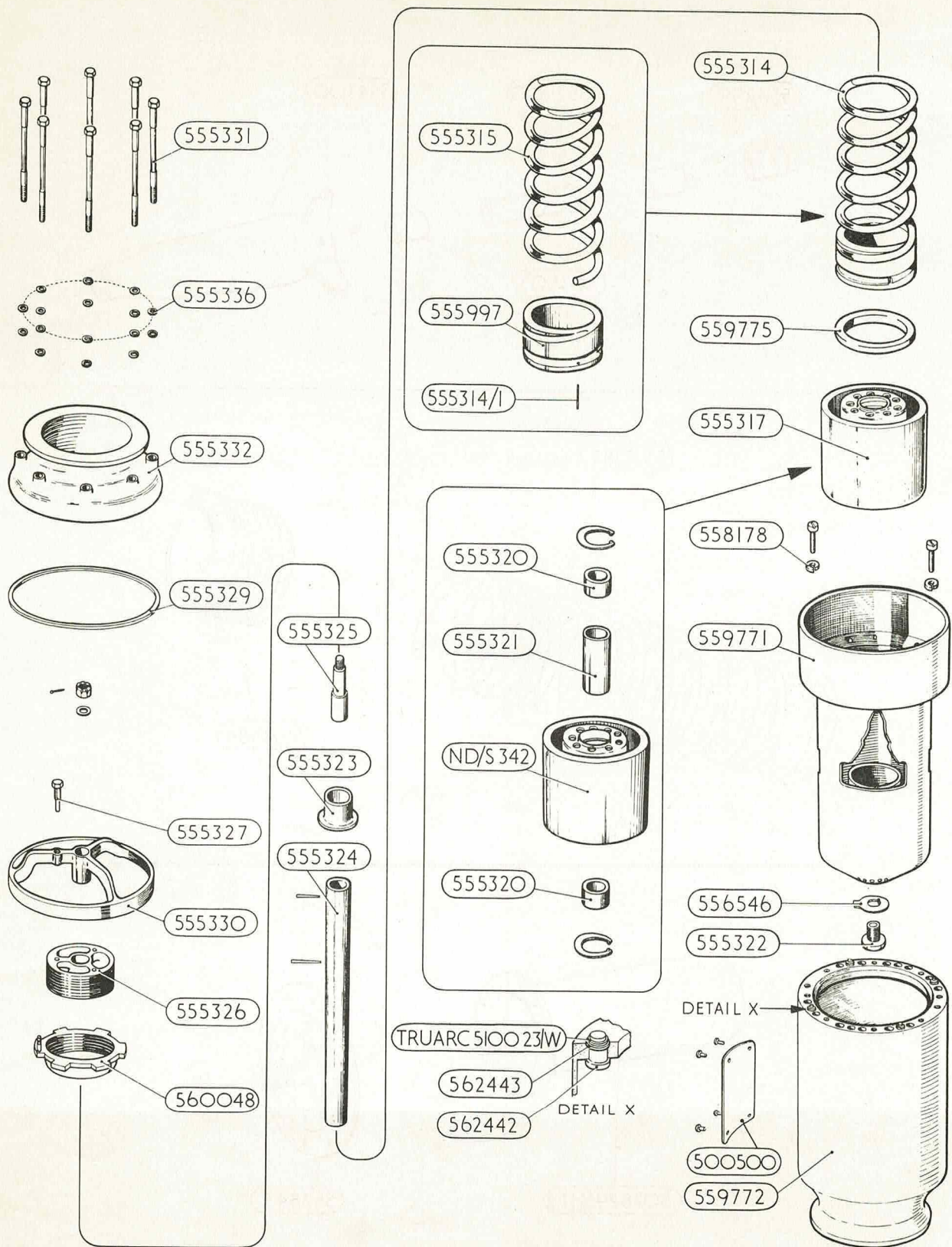
CONTROLLER, AUTOMATIC FLOW AND SHUT OFF VALVE

RESTRICTED



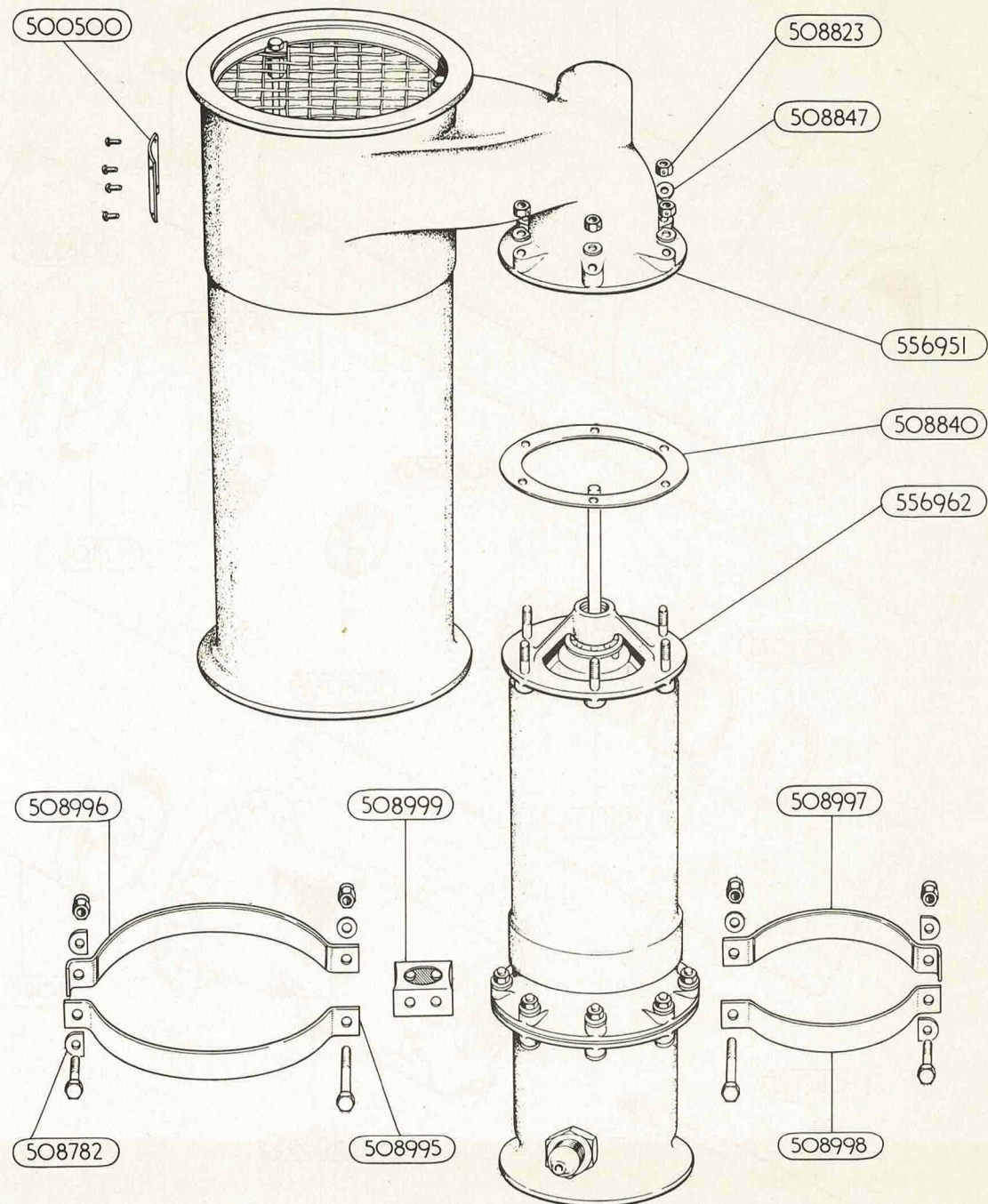
ASSEMBLIES VARIOUS

PLATE C14



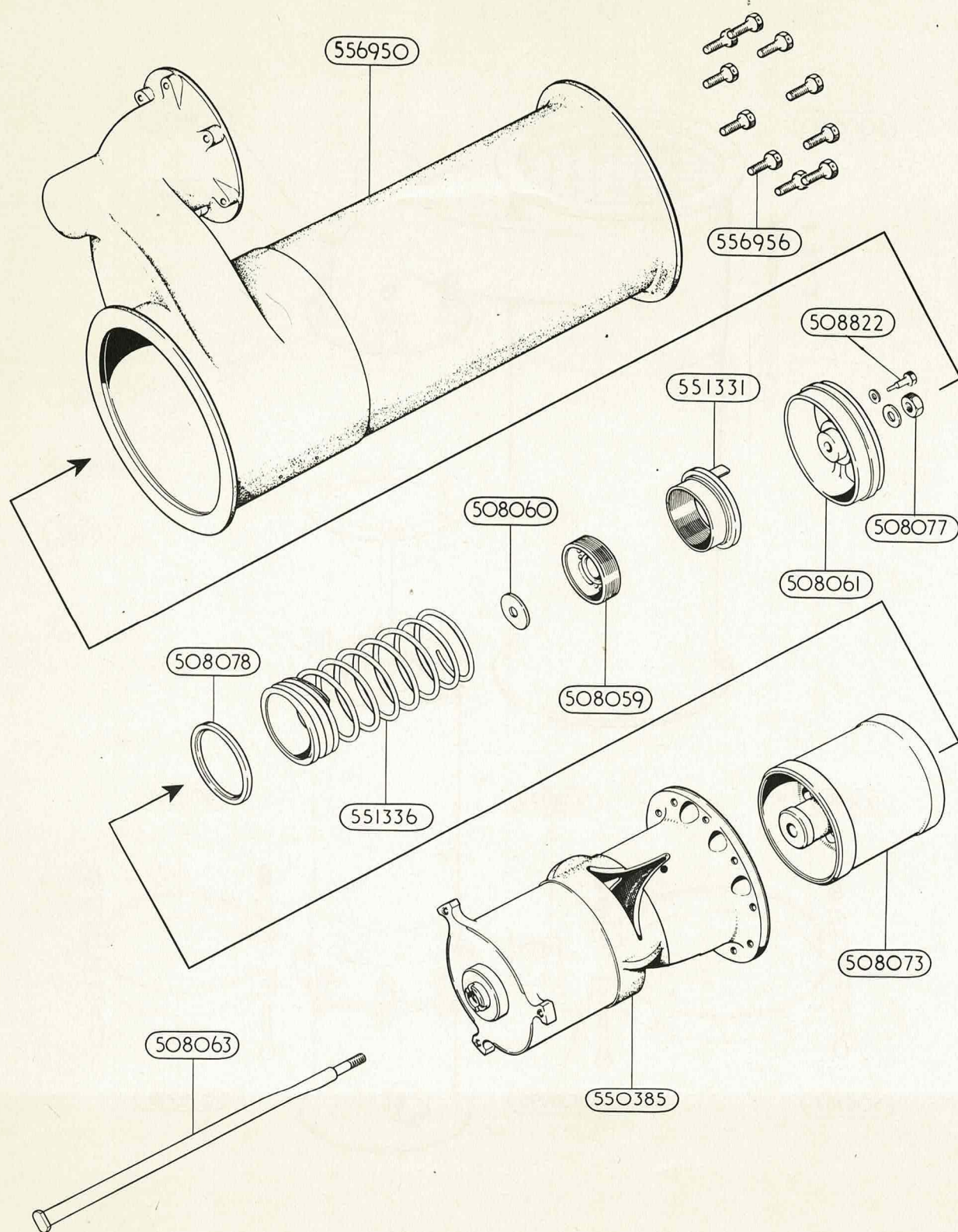
CONTROLLER, AUTOMATIC FLOW

PLATE C 15



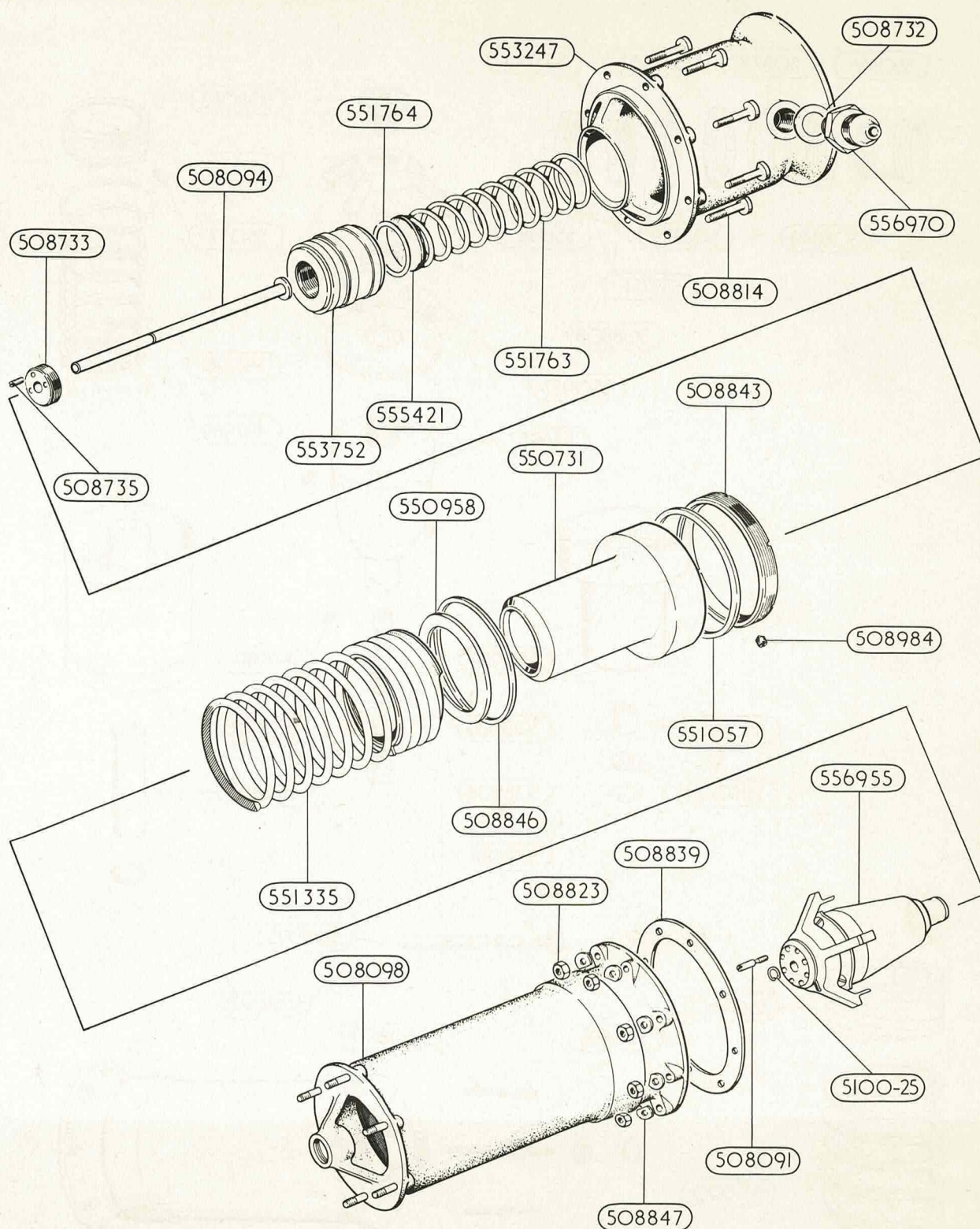
CONTROLLER, AUTOMATIC FLOW

PLATE C 16



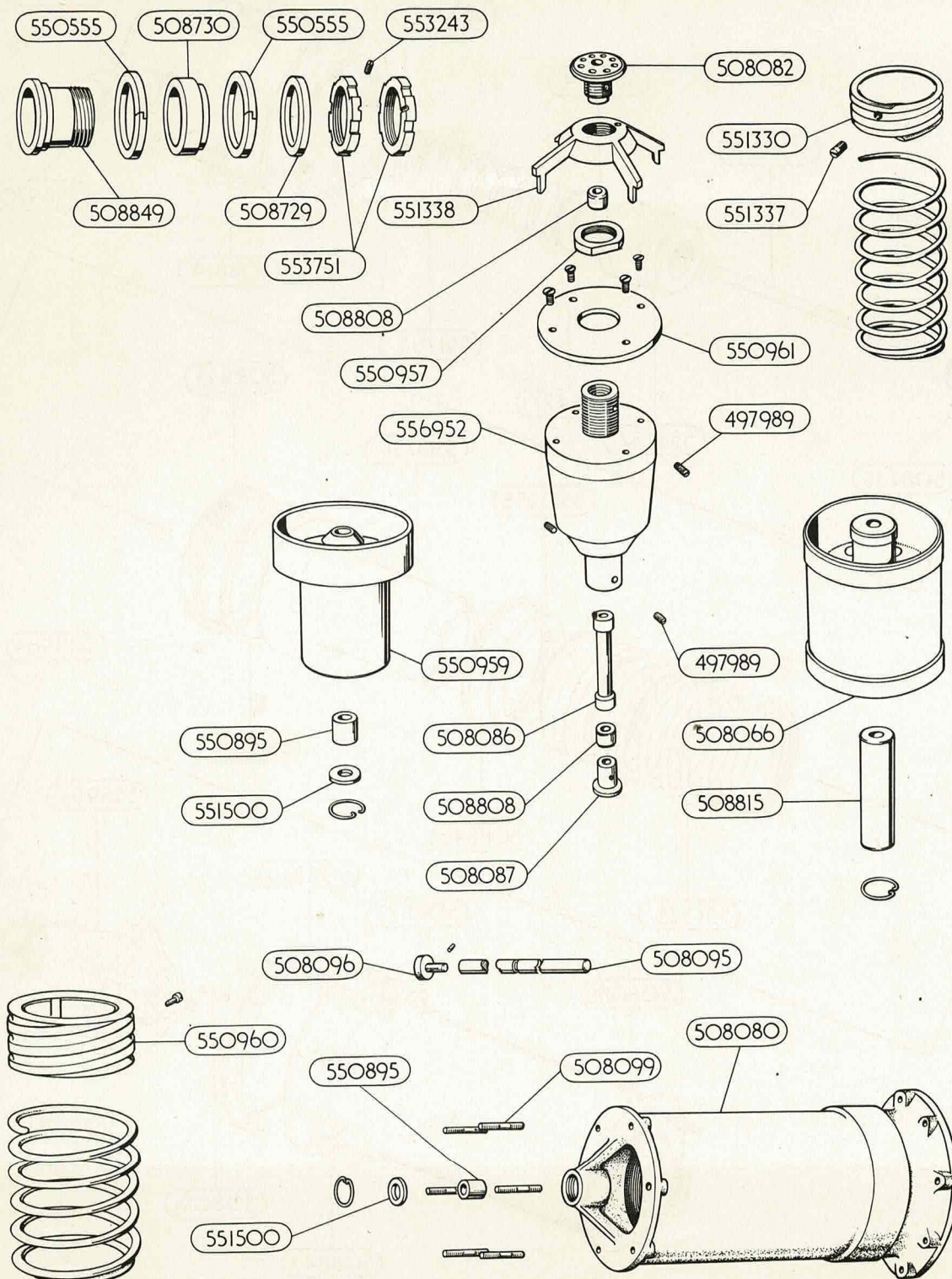
ASSEMBLIES, VARIOUS

PLATE C17



ASSEMBLIES, VARIOUS

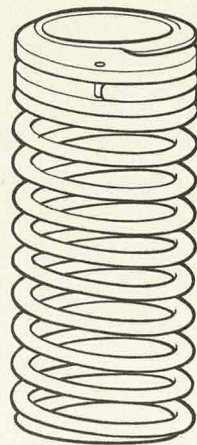
PLATE C18



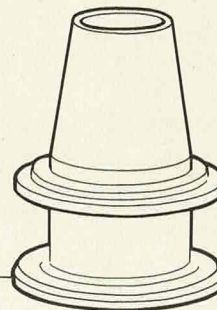
ASSEMBLIES, VARIOUS

RESTRICTED

ISSUED WITH A.L.5
PLATE C19



553112

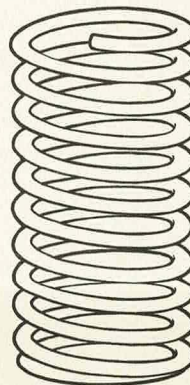
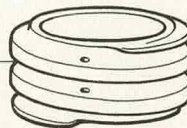


554541



553143

553094



553111

ASSEMBLIES VARIOUS

RESTRICTED

