

VALVES,
CONSTANT FLOW

K

SECTION K

RESTRICTED

TYPE / APPLICABILITY																
Section K — VALVES, CONSTANT FLOW																
ACCESSORY :-		VALVE, CONSTANT FLOW 497617														
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
ATTACKER		1														
VALVE, CONSTANT FLOW 497858																
METEOR	4	1	8	1	9	1	10	1	11	2						
SWIFT	5	1														
VALVE, CONSTANT FLOW 502090																
CANBERRA	2	2	3	3	4	1	6	1	7	3	8	1				
JAVELIN	1	1	2	1	4	1	5	1	6	1						
METEOR	12	1	13	1	14	1										
VALVE, CONSTANT FLOW 510930																
CANBERRA	6	1	8	1												

RESTRICTED

TYPE / APPLICABILITY

Section K — VALVES, CONSTANT FLOW

ACCESSORY :-

VALVE, CONSTANT FLOW 514390

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
JAVELIN	3	1	7	1	8	1										

VALVE, CONSTANT FLOW 511670

CANBERRA	9	2														
----------	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--

VALVE, CONSTANT FLOW 513480

CANBERRA	9	1														
----------	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

RESTRICTED

VALVES, CONSTANT FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF ST.	Plate No.
		1	2	3	4	5			M.R.	
568	497617	VALVE, CONSTANT FLOW (R.N.)					1	—	A	K 1
		Spares for :—								
584	497779/1	ADAPTOR, pipe, complete					1	—	C	K 1
580	497821	BODY (PRE. MOD. 86—87)					1	DTD.133	C	K 1
	551083	BODY, complete (MOD. 86)					1	—		K 1
	551060	BODY, complete (MOD. 87)					1	—		K 1
28V/3786	AGS.627/H	Union					1	—	C	
585	DDS.1092/4C	BOLT					12	M.S.	C	K 1
28W/3071	AGS.160/C	Washer					12	—	C	
274	497637	FILTER, complete					1	—	C	K 1
586	494031	NAMEPLATE					1	L.4	C	K 1
28S/6470	2R 3/16	Screw					4	—	C	
266	497992	NUT, knurled, complete					1	—	C	K 1
	497755	ORIFICE and flow controller assembly					1	—		K 1
		Spares for :—								
	497784	CONTROLLER, flow assembly					1	—		K 2
		Spares for :—								
576	497786	BARREL					1	L.40	C	K 2
575	497768	BEARING					2	GRAPHITE	C	K 2
577	497887	CONTROLLER, flow					1	L.40	C	K 2
579	497889	PLUG, end					1	L.40	C	K 2
573	497885	PLUG, tapered end					1	L.40	C	K 2
578	497888	SCREW, grub					2	DTD.126	C	K 2
574	497989	SCREW, grub					2	DTD.126	C	K 2
	ND/S209	ORIFICE and end bearing, complete					1	—		K 2
571	497775	ROD, support					1	S.80	C	K 2
28Q/2009	AS.455/316	Rivet					1	—	C	
257	497996/1	SHIM					1	DTD.390	C	K 2
258	497996/2	SHIM					1	DTD.390	C	K 2
270	500190/1	SHIM					1	DTD.390	C	K 2
271	500190/2	SHIM					1	DTD.390	C	K 2
269	502114	SPRING					1	DTD.703	C	K 2
572	497997	TUBE, support					1	L.40	C	K 2
28P/	AGS.167/31	Pin, taper					4	—	C	
471	502112	WASHER, packing					1	2L.42	C	K 2
28S/2815	A33/B16	Screw					2	—	C	
	497910	PLATE, spring and end, complete					1	—		K 1
8	497776	WASHER					1	HALLITE	C	K 1
273	497777	WASHER					1	HALLITE	C	K 1

Page K 2

VALVES, CONSTANT FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF		Plate No.
		1	2	3	4	5			ST.	M.R.	
20	497858	VALVE, CONSTANT FLOW					1	—	A		K 3
		Spares for:—									
255	497804/2	BODY					1	DTD.133	B		K 3
21	497810	FILTER, complete					1	—	C		K 3
586	494031	NAMEPLATE (R.N.)					1	L.4	C		K 3
28S/6470	2R 3/16	Screw					4	—	C		
266	497992	NUT, knurled, complete					1	—	C		K 3
	497850	ORIFICE and acorn assembly					1	—			K 3
		Spares for:—									
259	497803	ACORN assembly					1	—	B		K 4
		Spares for:—									
	497768	BEARING					2	GRAPHITE			K 4
	497988	CONTROLLER, flow					1	L.40			K 4
573	497885	PLUG, taper end (R.N.)					1	L.40	C		K 4
578	497888	SCREW, grub (R.N.)					2	DTD.126	C		K 4
574	497989	SCREW, grub (R.N.)					2	DTD.126	C		K 4
	497815	TUBE, distance					1	L.1			K 4
	497817	TUBE, locking					1	L.1			K 4
	497805	BODY, orifice					1	L.40			K 4
256	497806	ROD, support					1	S.80	C		K 4
28Q/2009	AS.455/316	Rivet					1	—	C		
263	497814	SCREW, support rod					3	DTD.126	C		K 4
261	497995/1	SHIM					1	DTD.390	C		K 4
262	497995/2	SHIM					1	DTD.390	C		K 4
257	497996/1	SHIM					1	DTD.390	C		K 4
258	497996/2	SHIM					1	DTD.390	C		K 4
260	497986	SPRING					1	DTD.703	C		K 4
	497807	TUBE, support					1	L.40			K 4
28P/	AGS.167/31	Pin, taper					4	—	C		
	497983	WASHER, packing					1	DTD.390			K 4
28D/8306	AS.1242/4C	Bolt					8	—	C		
265	497819	PLATE, spring and end, complete					1	—	C		K 3
264	497811	WASHER, sealing					1	HALLITE	C		K 3

VALVES, CONSTANT FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF ST. M.R. L.M.	Plate No.
		1	2	3	4	5				
5	502090	VALVE, CONSTANT FLOW					1	—	A	K 5
		Spares for:—								
267	502002	BODY (PRE. MOD. 86—87)					1	L.51	B	K 5
	551083	BODY, complete (MOD. 86)					1	—		K 5
	551060	BODY, complete (MOD. 87)					1	—		K 5
28V/3786	AGS.627/H	Union					1	—	C	
274	497637	FILTER, complete					1	—	C	K 5
586	494031	NAMEPLATE (R.N.)					1	L.4	C	K 5
28S/6470	2R 3/16	Screw					4	—	C	
276	502097	NUT, knurled					1	2L.42	C	K 5
	503602	ORIFICE and flow controller assembly					1	—		K 5
		Spares for:—								
72	503603	CONTROLLER, flow assembly					1	—	B	K 6
		Spares for:—								
	503606	BARREL					1	L.42		K 6
1032	503605	BEARING (R.N.)					2	CARBON	C	K 6
	503604	CONTROLLER, flow					1	2L.42		K 6
	503608	PLUG, end					1	2L.42		K 6
	503609	PLUG, tapered, end					1	2L.42		K 6
578	497888	SCREW, grub (R.N.)					2	DTD.126	C	K 6
574	497989	SCREW, grub (R.N.)					2	DTD.126	C	K 6
272	ND/S138	ORIFICE and end bearing, complete					1	—	C	K 6
268	503607	ROD, support					1	S.80	C	K 6
28Q/2009	AS.455/316	Rivet					1	—	C	
257	497996/1	SHIM					1	DTD.390	C	K 6
258	497996/2	SHIM					1	DTD.390	C	K 6
270	500190/1	SHIM					1	DTD.390	C	K 6
271	500190/2	SHIM					1	DTD.390	C	K 6
269	502114	SPRING					1	DTD.703	C	K 6
	502096	TUBE, support					1	2L.42		K 6
28P/	AGS.167/31	Pin, taper					4	—	C	
471	502112	WASHER, packing					1	2L.42	C	K 6
28S/2815	A33/B16	Screw					2	—	C	
275	502104	PLATE, spring and end, complete					1	—	C	K 5
8	497776	WASHER					1	HALLITE	C	K 5
273	497777	WASHER					1	HALLITE	C	K 5

Page K 4

VALVES, CONSTANT FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF	Plate No.
		1	2	3	4	5			ST. M.R. L.M.	
706	510930	VALVE, CONSTANT FLOW					1	—	A	K 7
		Spares for :—								
	551060	BODY, complete					1	—		K 7
28V/3786	AGS.627/H	Union					1	—	C	
274	497637	FILTER, complete					1	—	C	K 7
534	500500	NAMEPLATE (R.N.)					1	L.4	C	K 7
28S/6634	2R 1/8	Screw					4	—	C	
276	502097	NUT, knurled					1	2L.42	C	K 7
	551082	ORIFICE and flow controller assembly					1	—		K 7
		Spares for :—								
734	551081	CONTROLLER, flow assembly					1	—	B	K 8
		Spares for :—								
	503606	BARREL					1	L.42		K 8
1032	503605	BEARING (R.N.)					2	CARBON	C	K 8
	551080	CONTROLLER, flow					1	L.42		K 8
	503608	PLUG, end					1	2L.42		K 8
	503609	PLUG, tapered end					1	2L.42		K 8
578	497888	SCREW, grub (R.N.)					2	DTD.126	C	K 8
574	497989	SCREW, grub (R.N.)					2	—	C	K 8
272	ND/S138	ORIFICE and end bearing, complete					1	—	C	K 8
268	503607	ROD, support					1	S.80	C	K 8
28Q/2009	AS.455/316	Rivet					1	—	C	
257	497996/1	SHIM					1	DTD.390	C	K 8
258	497996/2	SHIM					1	DTD.390	C	K 8
270	500190/1	SHIM					1	DTD.390	C	K 8
271	500190/2	SHIM					1	DTD.390	C	K 8
735	551079	SPRING					1	DTD.326	C	K 8
	502096	TUBE, support					1	2L.42	C	K 8
28P/14609	SP28/K6	Pin, taper					4	—	C	
28S/2815	A33/B16	Screw					2	—	C	
275	502104	PLATE, spring and end, complete					1	—	C	K 7
8	497776	WASHER					1	HALLITE	C	K 7
273	497777	WASHER					1	HALLITE	C	K 7

VALVES, CONSTANT FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF ST.	Plate No.
		1	2	3	4	5			M.R.	
943	514390	VALVE, CONSTANT FLOW					1	—	A	K 9
		Spares for:—								
	551060	BODY, complete					1	—		K 9
28V/3786	AGS.627/H	Union					1	—	C	
274	497637	FILTER, complete					1	—	C	K 9
586	494031	NAMEPLATE (R.N.)					1	L4	C	K 9
28S/6470	2R 3/16	Screw					4	—	C	
276	502097	NUT, knurled					1	2L.42	C	K 9
	556050	ORIFICE and flow controller assembly					1	—		K 9
		Spares for:—								
	555448	CONTROLLER, flow assembly					1	—		K 10
		Spares for:—								
	555948	BARREL					1			K 10
1032.	503605	BEARING					2	CARBON	C	K 10
	555949	CONTROLLER, flow					1	—		K 10
	503608	PLUG, end bearing retaining					1	2L.42		K 10
578	497888	SCREW, grub, plug end retaining (R.N.)					2	DTD.126	C	K 10
	556665	SHIM, bearings and barrel locating					1	—		K 10
272	ND/S138	ORIFICE, complete with end bearing					1	—	C	K 10
268	503607	ROD, support					1	S.80	C	K 10
28Q/2009	AS.355/316	Rivet					1	—	C	
270	500190/1	SHIM } Spring loading					1	DTD.390	C	K 10
271	500190/2	SHIM } selective assembly					1	DTD.390	C	K 10
257	497996/1	SHIM, flow controller seating } Selective					1	DTD.390	C	K 10
258	497996/2	SHIM, flow controller seating } assembly					1	DTD.390	C	K 10
269	502114	SPRING, valve					1	DTD.703	C	K 10
	502096	TUBE, support					1	2L.42		K 10
	AGS.161/31	PIN, taper, 5/32" dia.					4	—	C	
471	502112	WASHER, spring retaining at orifice					1	2L.42	C	K 10
28S/2815	AGS.249/22	Screw					2	—	C	
275	502104	PLATE, spring, complete with end plate					1	—	C	K 9
8	497776	WASHER, valve sealing at air outlet					1	HALLITE	C	K 9
273	497777	WASHER, seating of orifice and flow controller in body.					1	HALLITE	C	K 9

Page K 6

VALVES, CONSTANT FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF ST. M.R. L.M.	Plate No.
		1	2	3	4	5				
1399 28W/14319	511670	VALVE, CONSTANT FLOW					1	—	A	K 11
	551854	Spares for :— BODY, complete					1	—		K 11
	DDS.1092/Z/1C	BOLT					12	—		K 11
	SP11/C	Washer					12	—	C	K 11
	551855	CONNECTION, complete					1	—		K 11
	551850	COVER, end					1	S.10		K 11
	TYPE C/SS/A1	GASKET — JAMES WALKER, 2-3/32" i/d x 2-11/32" o/d x .125".					1	METAFLEX		K 11
	TYPE C/SS/A1	GASKET — JAMES WALKER, 3-3/16" i/d x 3-7/16" o/d x .125".					1	METAFLEX		K 11
	1344	NAMEPLATE (R.N.)					1	L.59	C	K 11
	28S/6634	Screw					4	—	C	K 11
72 1032	551852	ORIFICE and flow controller assembly					1	—		K 11
	503603	Spares for :— CONTROLLER, flow assembly					1	—	B	K 11
	503606	Spares for :— BARREL					1	L.42		K 12
	503605	BEARING (R.N.)					2	CARBON	C	K 12
	503604	CONTROLLER, flow					1	2L.42		K 12
	503608	PLUG, end					1	2L.42		K 12
	503609	PLUG, tapered end					1	2L.42		K 12
	497888	SCREW, grub (R.N.)					1	DTD.126	C	K 12
	497989	SCREW, grub (R.N.)					2	DTD.126	C	K 12
	272	ORIFICE and bearing, complete					1	—	C	K 12
28Q/2009	557314	PIN, taper (AMDT. 134)					4	S.114		K 12
	551853	ROD, support					1	—	C	K 12
	AS.455/316	Rivet					1	—	C	K 12
	257	SHIM					1	DTD.390	C	K 12
	258	SHIM } Selective					1	DTD.390	C	K 12
	270	SHIM } assembly					1	DTD.390	C	K 12
	271	SHIM }					1	DTD.390	C	K 12
	269	SPRING					1	DTD.703	C	K 12
	551863	TUBE, support					1	L.42		K 12
	SP28/K6	Pin, tapered (PRE. AMDT. 134)					4	—	C	K 12
28P/14609	471	WASHER, packing					1	2L.42	C	K 12
	551856	WASHER					1	DTD.416		K 11
	551857	WASHER					1	DTD.416		K 11
	A37/B16	Screw					2	—	C	K 11

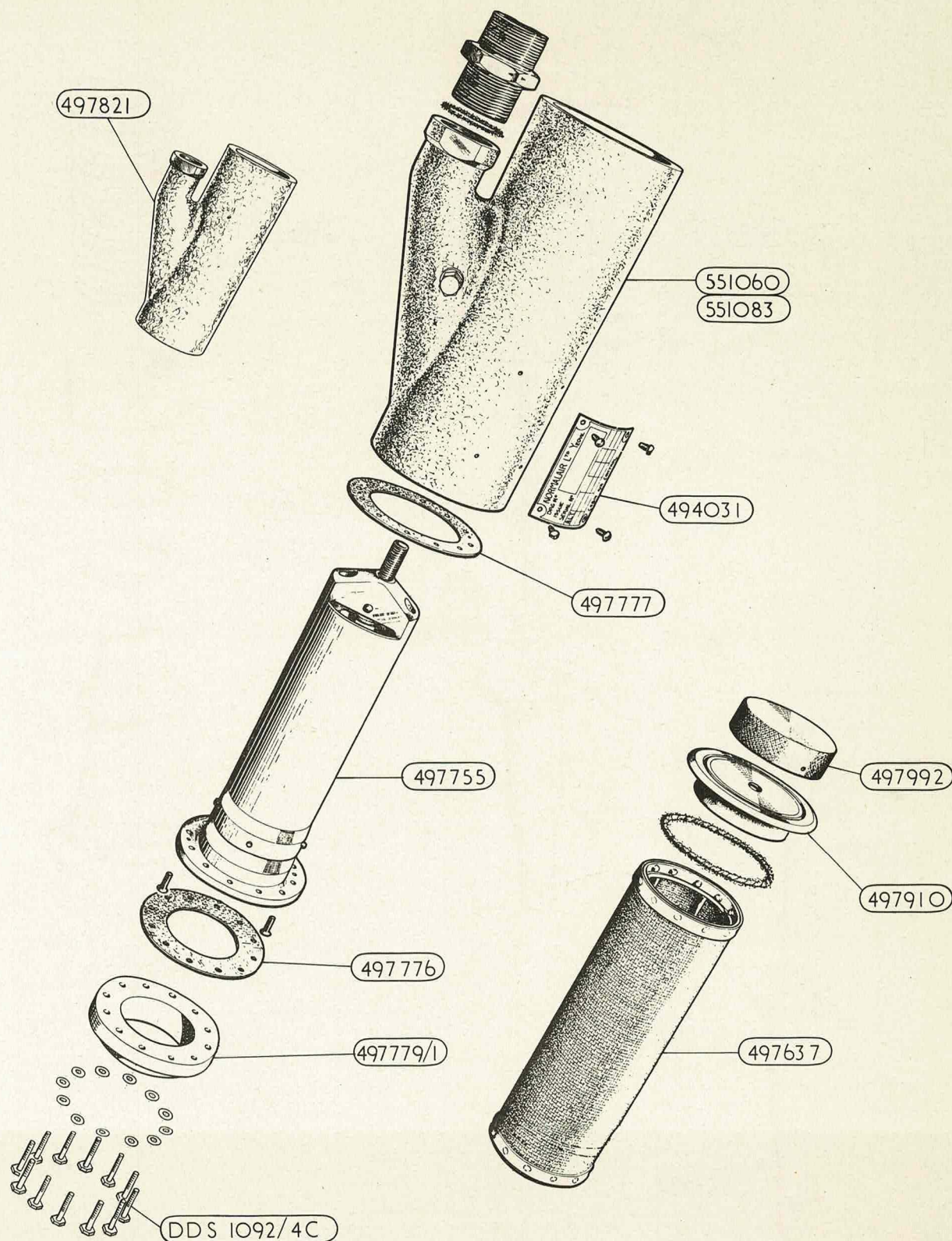
VALVES, CONSTANT FLOW

Ref. No.	Part No.	Description					No. Off	Matl. Spec.	CL. OF ST. M.R. L.M.	Plate No.
		1	2	3	4	5				
1397	513480	VALVE, CONSTANT FLOW					1	—	A	K 13
		Spares for:—								
	551854	BODY, complete					1	—		K 13
28W/14319	DDS.1092/Z/1C	BOLT					12	—		K 13
	SP11/C	Washer					12	—	C	
	555375	CONNECTION, complete					1	—		K 13
	551850	COVER, end					1	S.110		K 13
	TYPE C/SS/A1	GASKET — JAMES WALKER, 2-3/32" i/d x 2-11/32" o/d x .125".					1	—		K 13
	TYPE C/SS/A1	GASKET — JAMES WALKER, 3-3/16" i/d x 3-7/16" o/d x .125".					1	—		K 13
1344	551785	NAMEPLATE (R.N.)					1	L.59	C	K 13
28S/6634	2R 1/8"	Screw, P.K.					4	—	C	
28W/14621	551859	NUT					4	S.80		K 13
	SP11/E	Washer					4	—	C	
	556360	ORIFICE flow controller assembly					1	—		K 13
		Spares for:—								
734	551081	CONTROLLER, flow assembly					1	—	B	K 14
		Spares for:—								
1032	503606	BARREL					1	L.42		K 14
	503605	BEARING (R.N.)					2	CARBON	C	K 14
	551080	CONTROLLER, flow					1	L.42		K 14
	503608	PLUG, end					1	2L.42		K 14
	503609	PLUG, tapered end					1	2L.42		K 14
578	497888	SCREW, grub (R.N.)					2	DTD.126	C	K 14
574	497989	SCREW, grub (R.N.)					2	DTD.126	C	K 14
272	ND/S138	ORIFICE and end bearing, complete					1	—	C	K 14
	557314	PIN, taper					4	S.114		K 14
28Q/2009	551853	ROD, support					1	—		K 14
	A455/316	Rivet					1	—	C	
257	497996/1	SHIM					1	DTD.390	C	K 14
258	497996/2	SHIM } Selective					1	DTD.390	C	K 14
270	500190/1	SHIM } assembly					1	DTD.390	C	K 14
271	500190/2	SHIM }					1	DTD.390	C	K 14
735	551079	SPRING					1	DTD.747	C	K 14
	551863	TUBE, support					1	L.42		K 14
28S/6375	551856	WASHER					1	DTD.416		K 13
	551857	WASHER					1	DTD.416		K 13
	A37/B16	Screw					2	—	C	

RESTRICTED

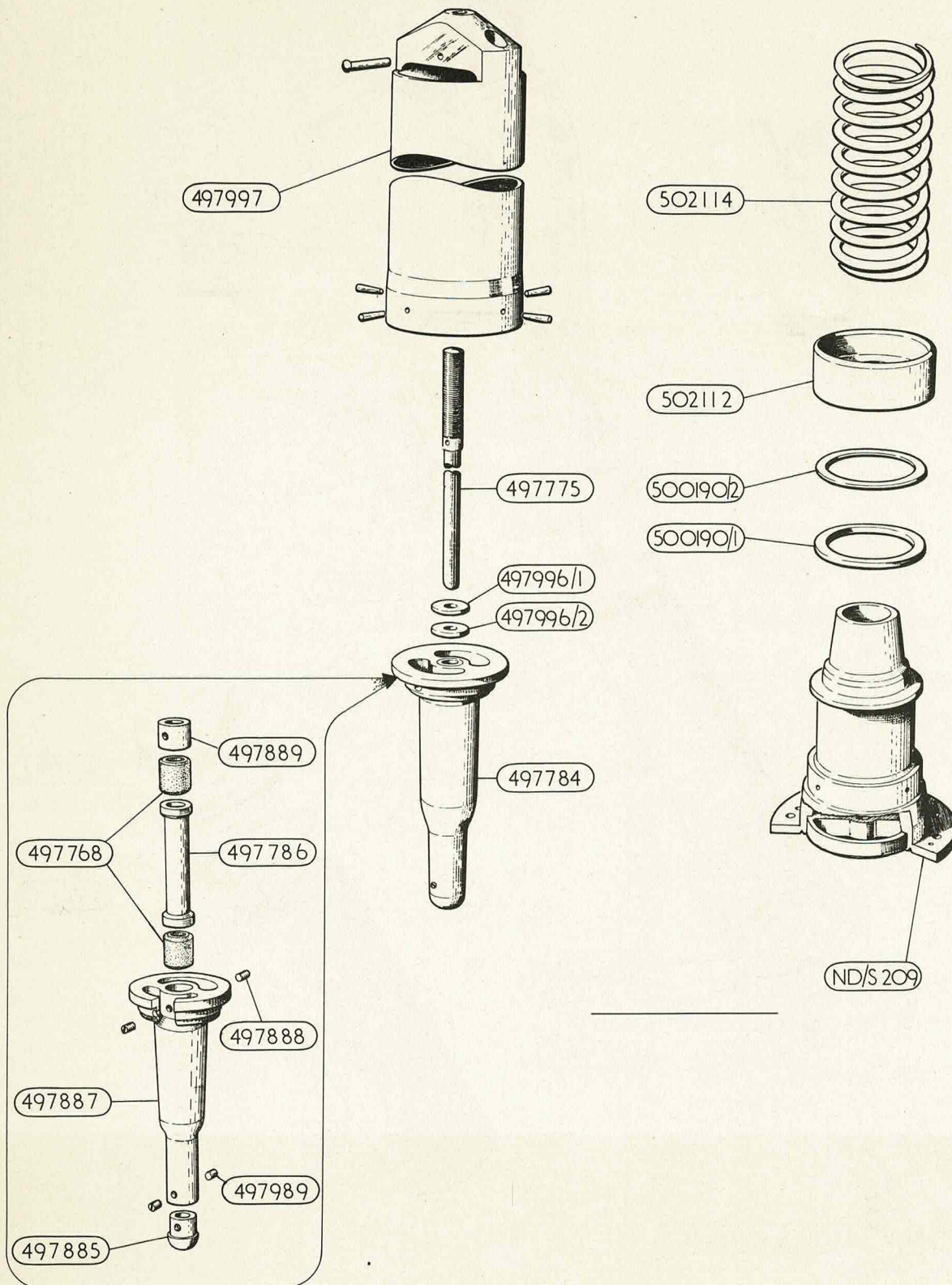
[illegible]

RESTRICTED

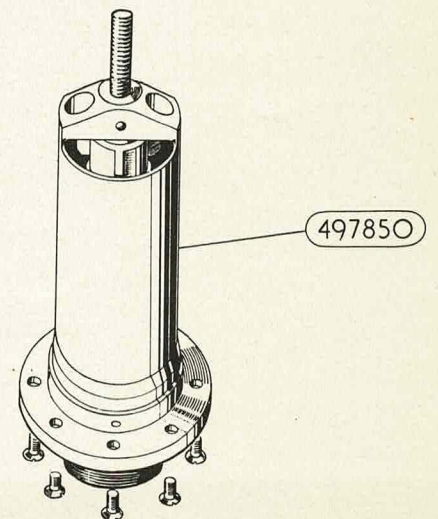
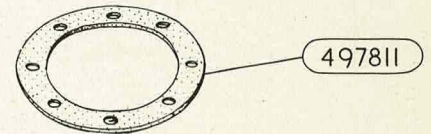
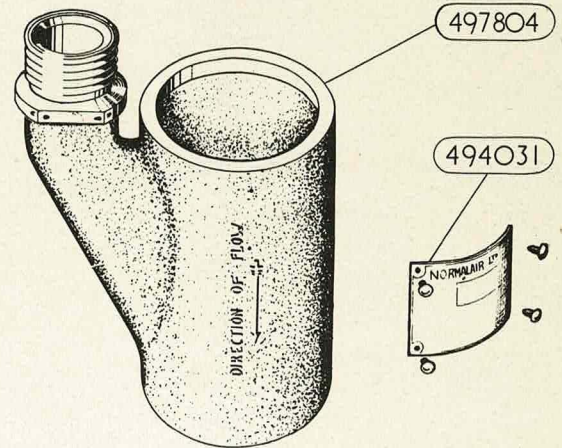
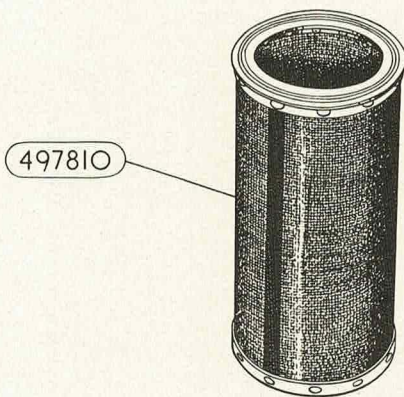
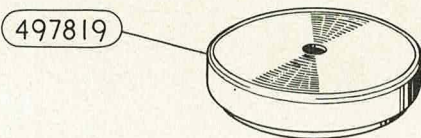
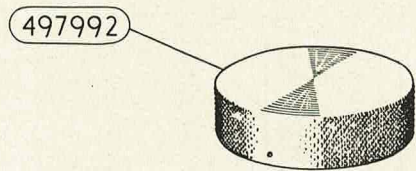


VALVE , CONSTANT FLOW

PLATE K 2

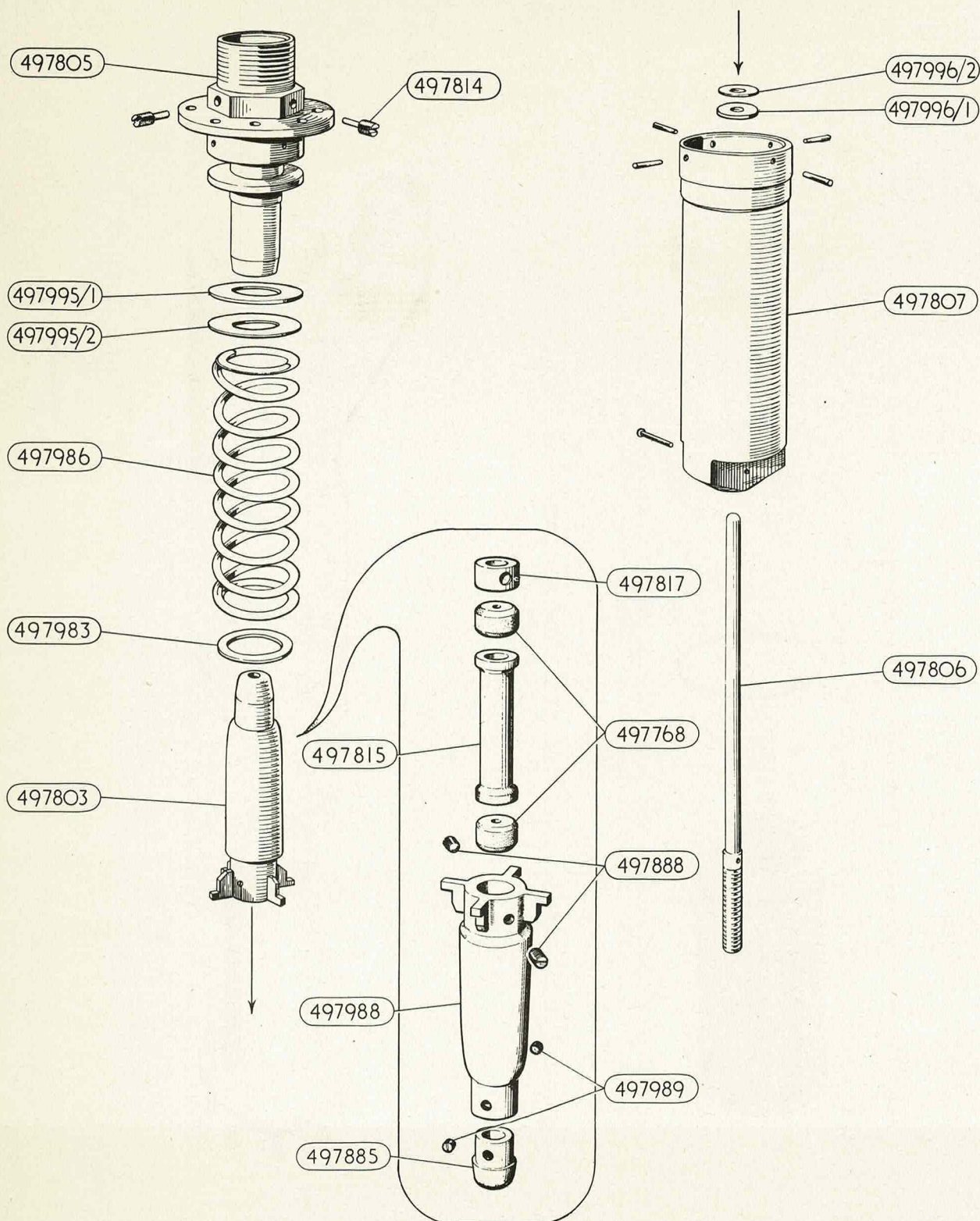


ORIFICE AND FLOW CONTROLLER ASSEMBLY

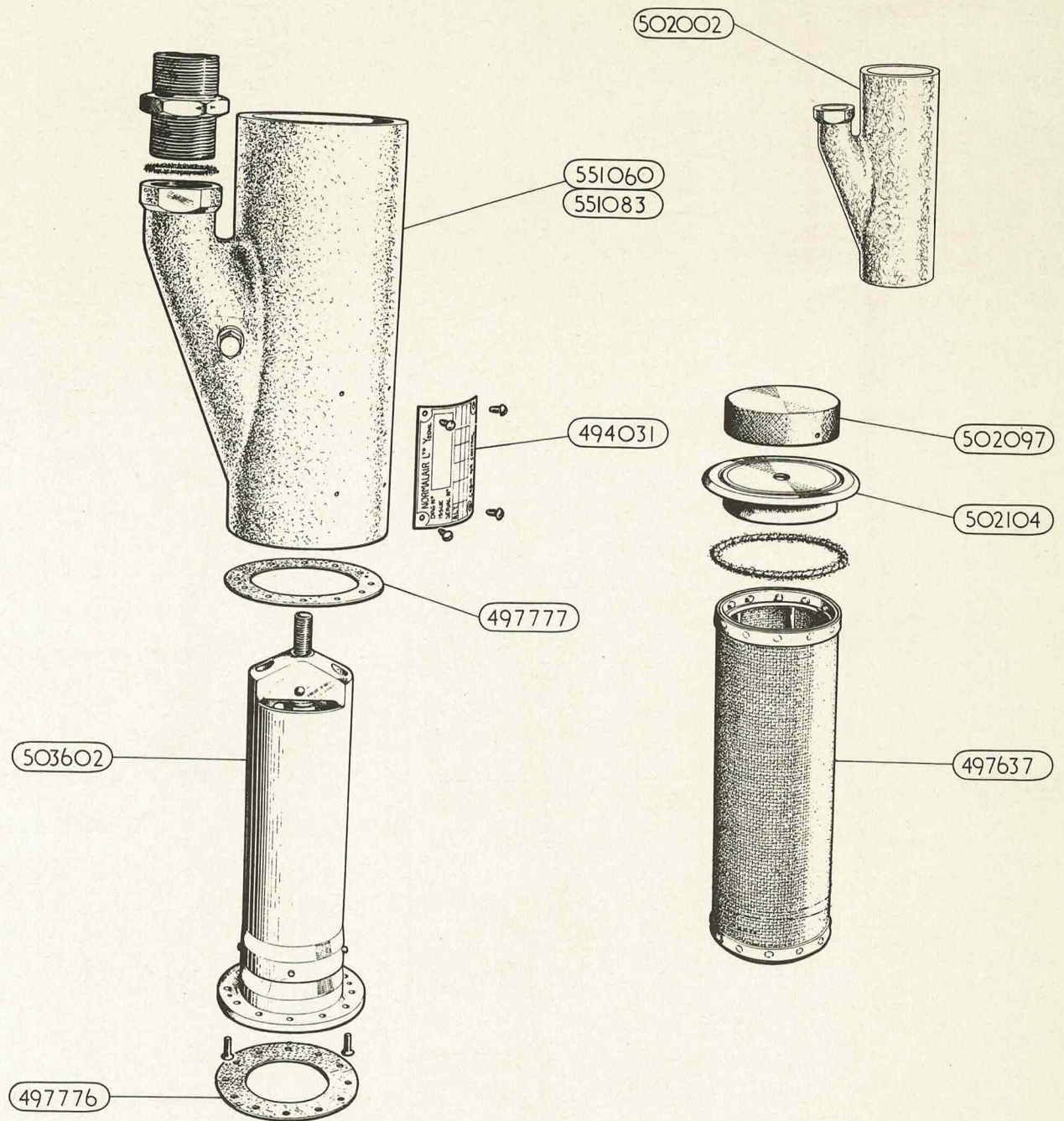


VALVE, CONSTANT FLOW

PLATE K 4

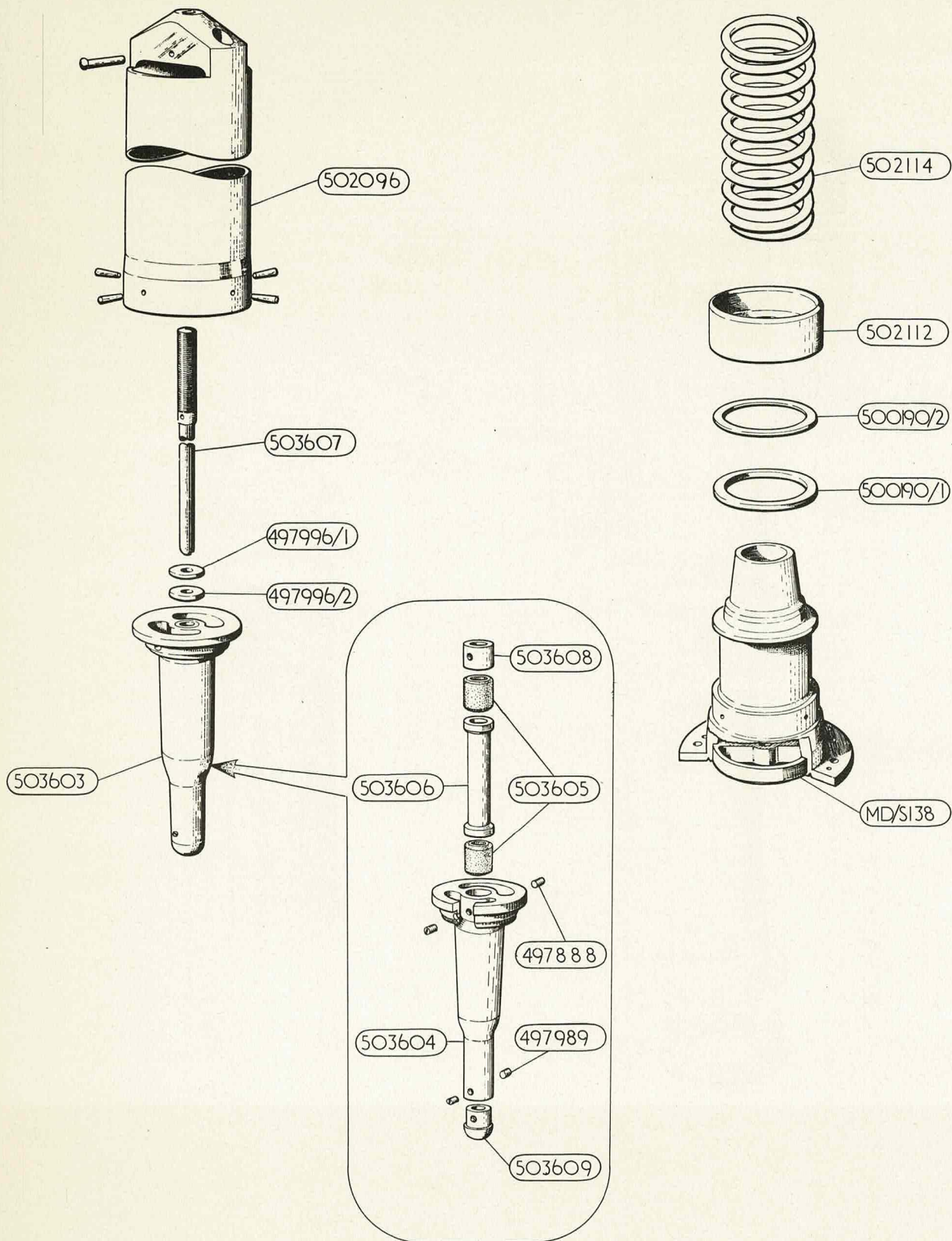


ORIFICE & FLOW CONTROLLER ASSEMBLY

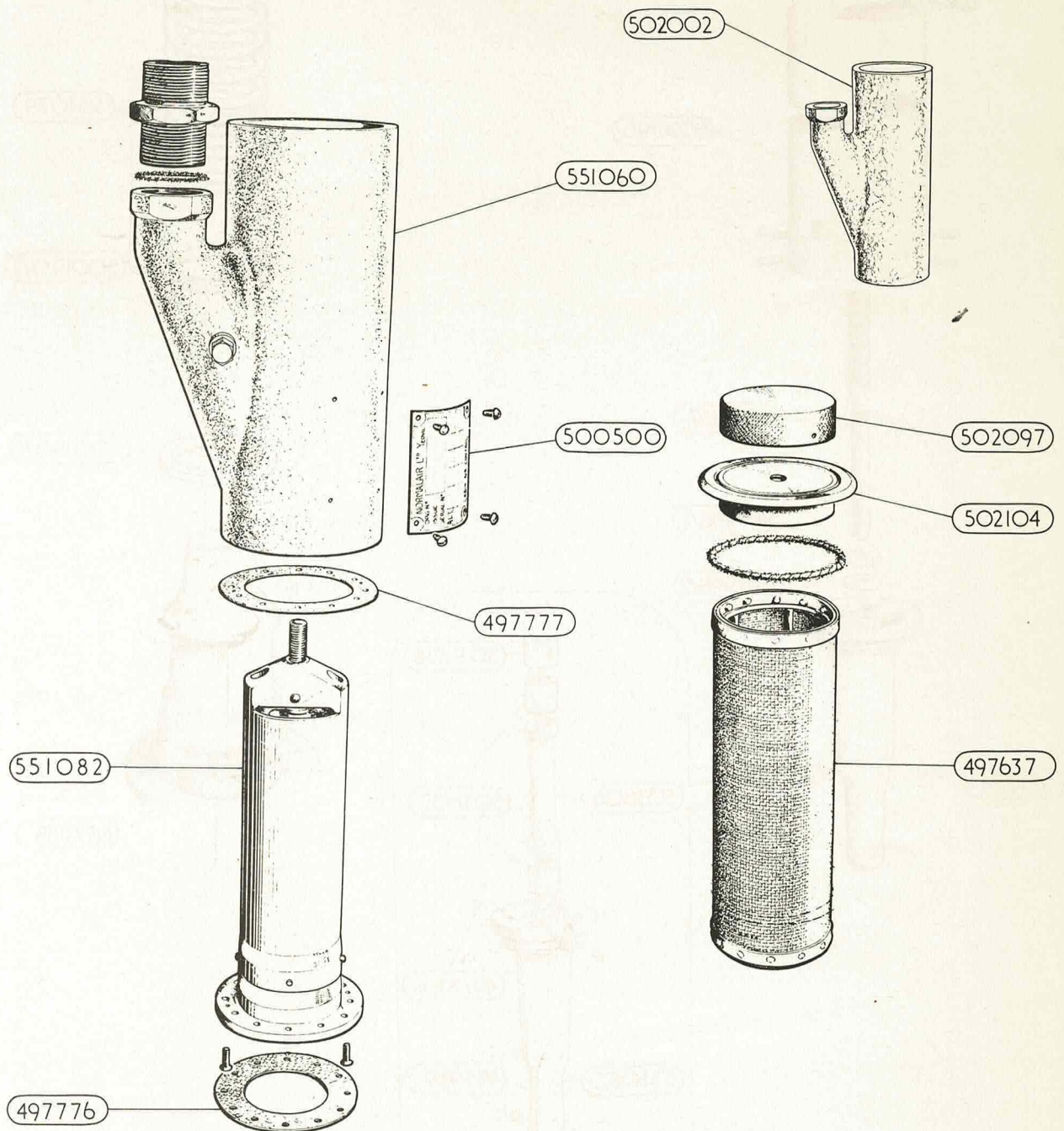


VALVE, CONSTANT FLOW

PLATE K 6

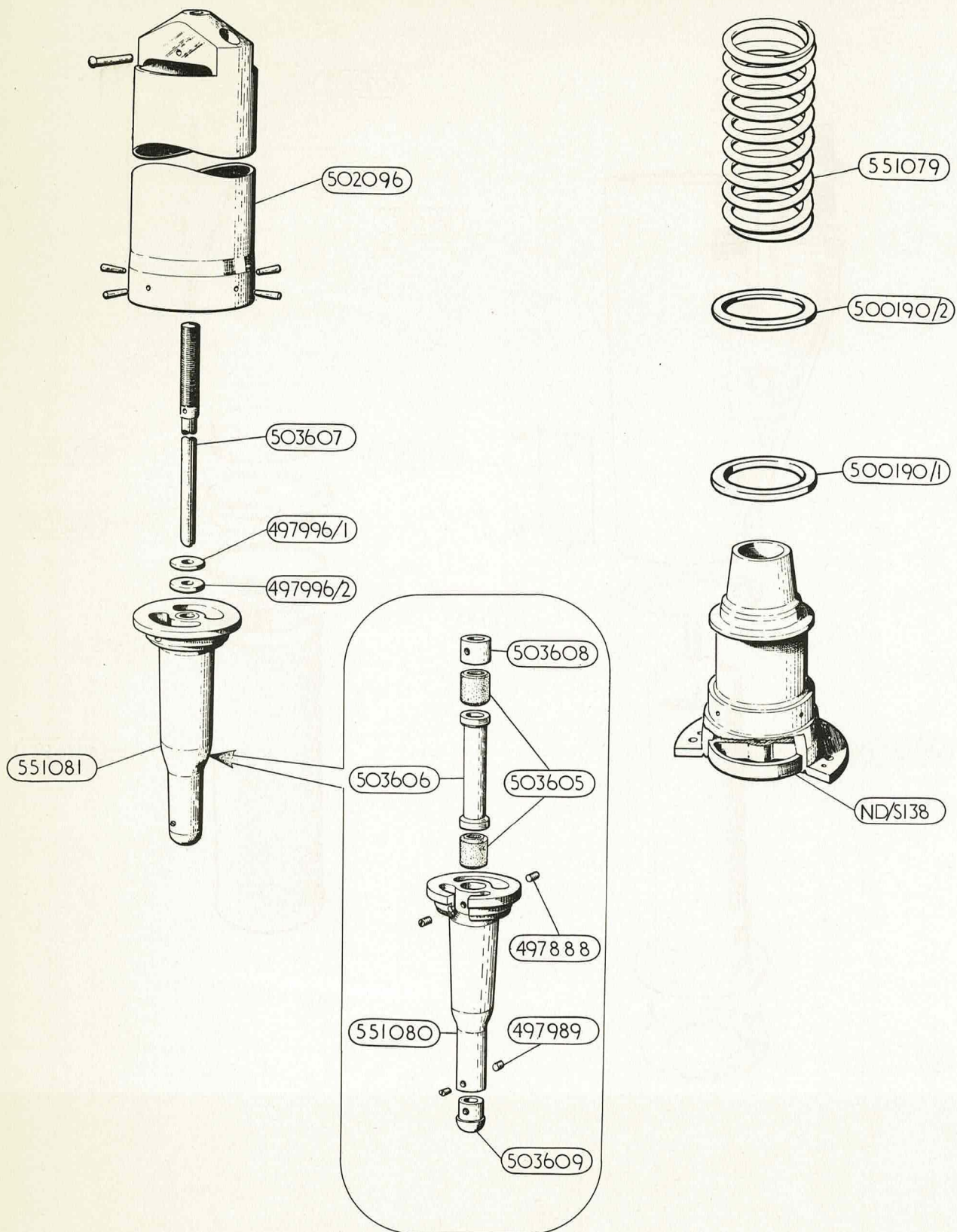


ORIFICE & FLOW CONTROLLER ASSEMBLY



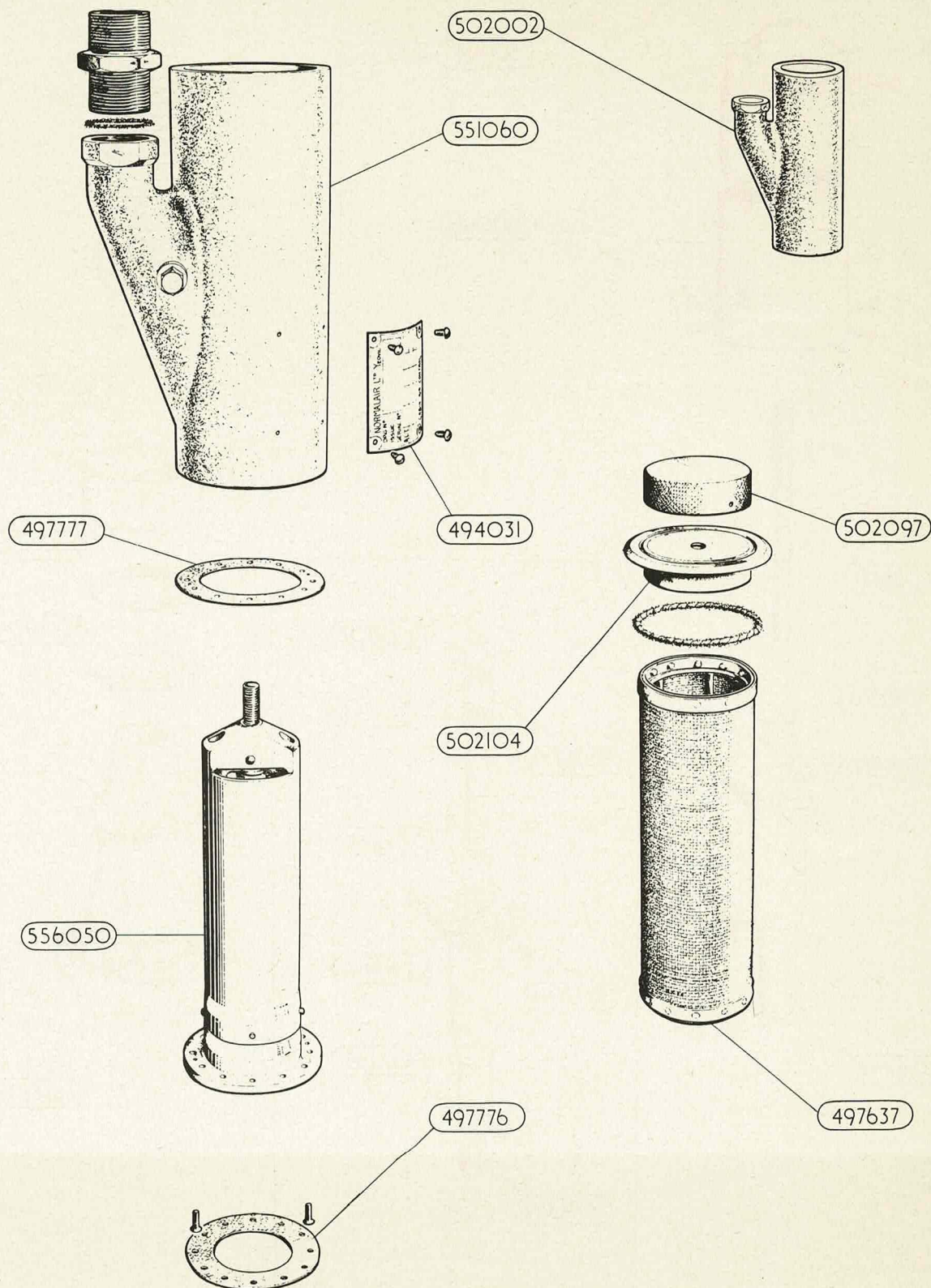
VALVE, CONSTANT FLOW

PLATE K 8



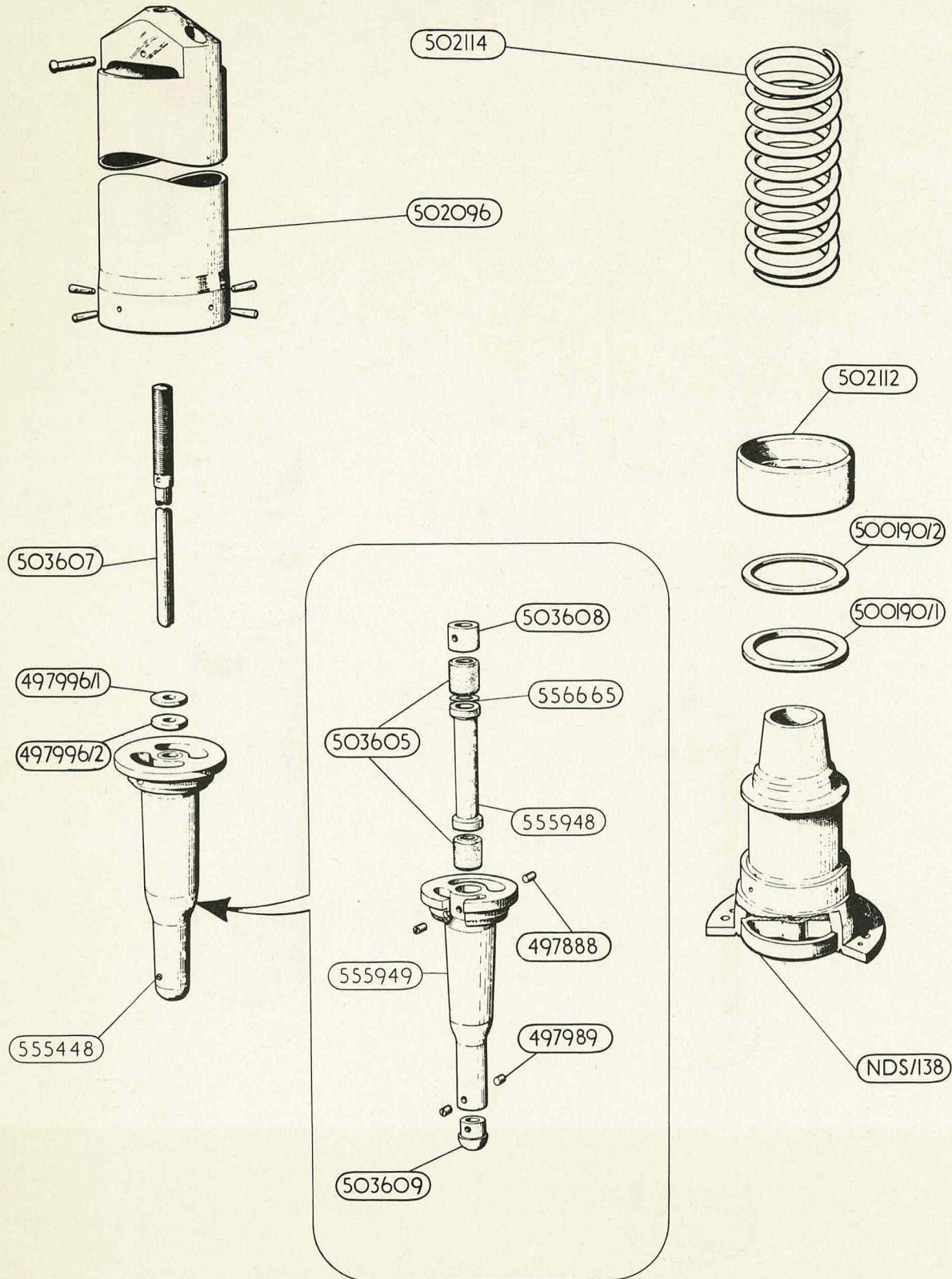
ORIFICE & FLOW CONTROLLER ASSEMBLY

PLATE K9

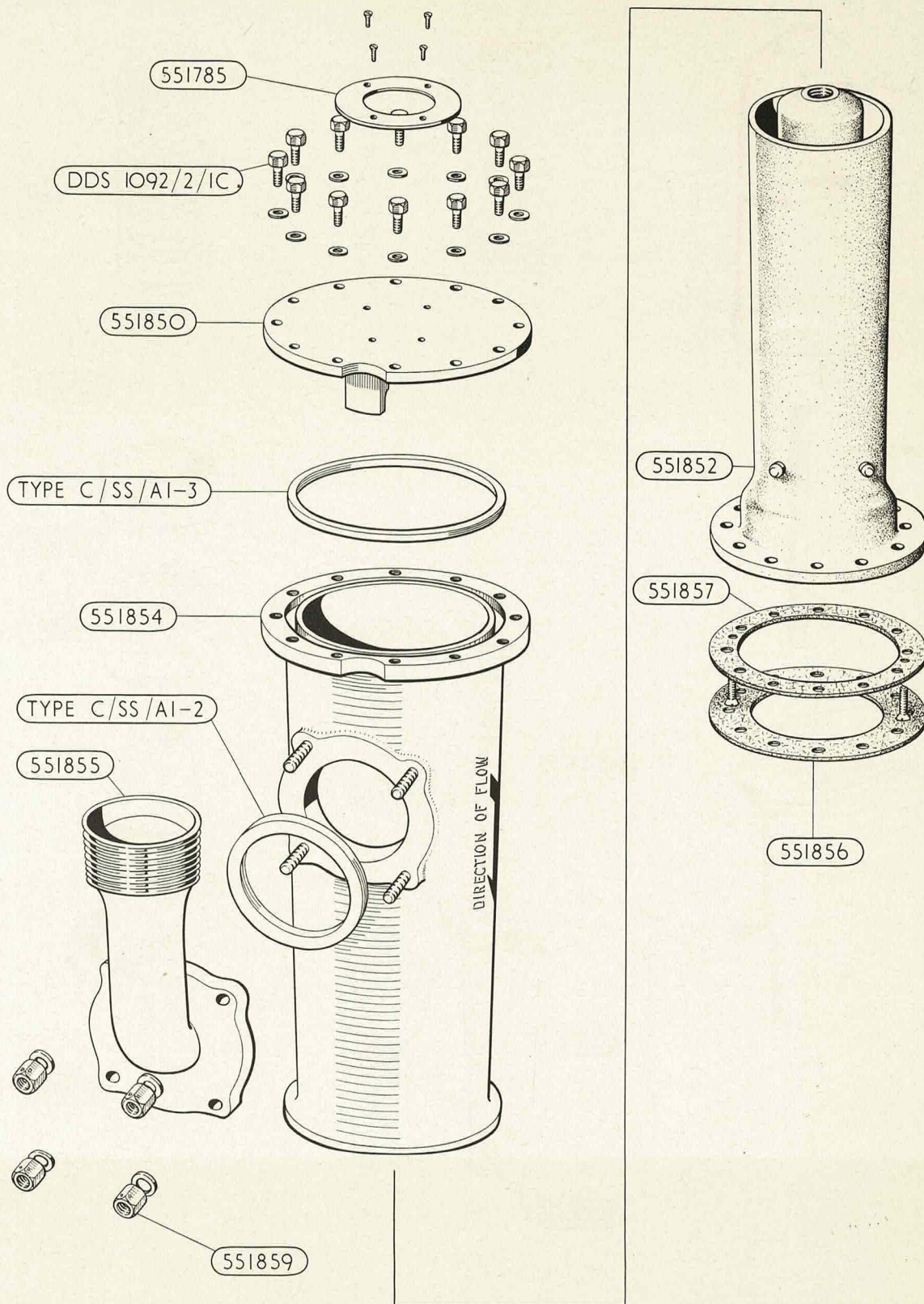


VALVE CONSTANT FLOW

PLATE K10

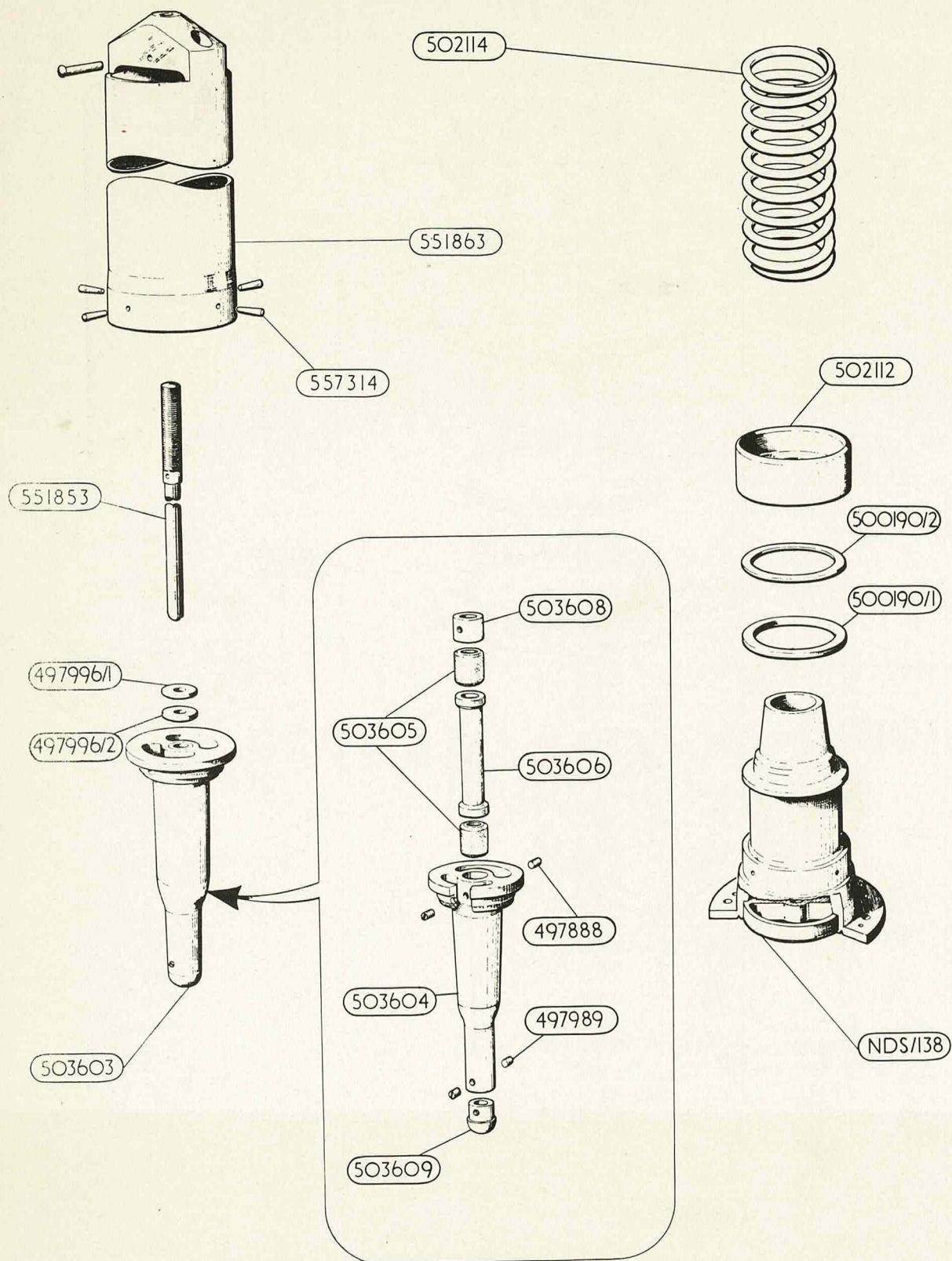


ORIFICE & FLOW CONTROLLER ASSEMBLY

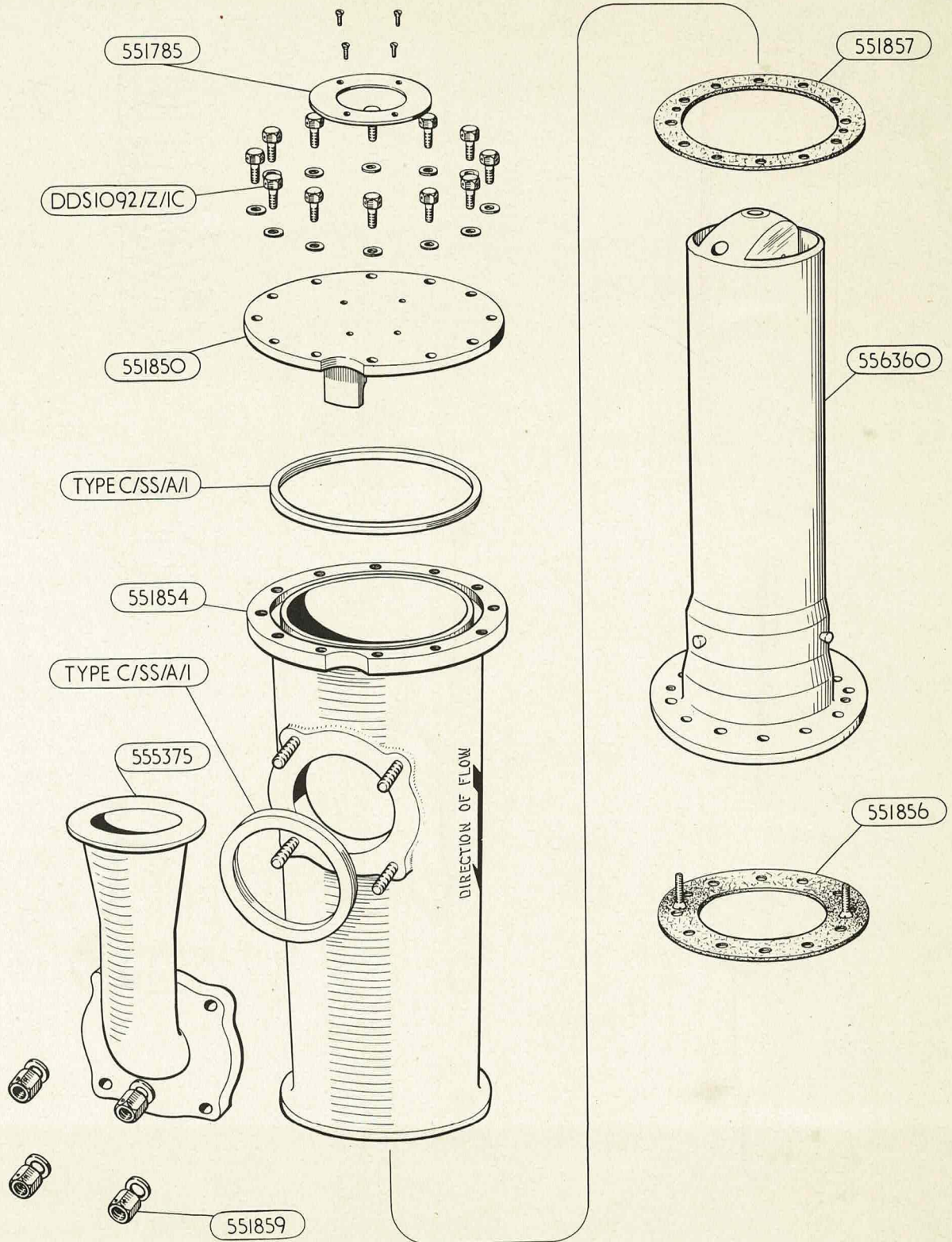


VALVE, CONSTANT FLOW

PLATE K12

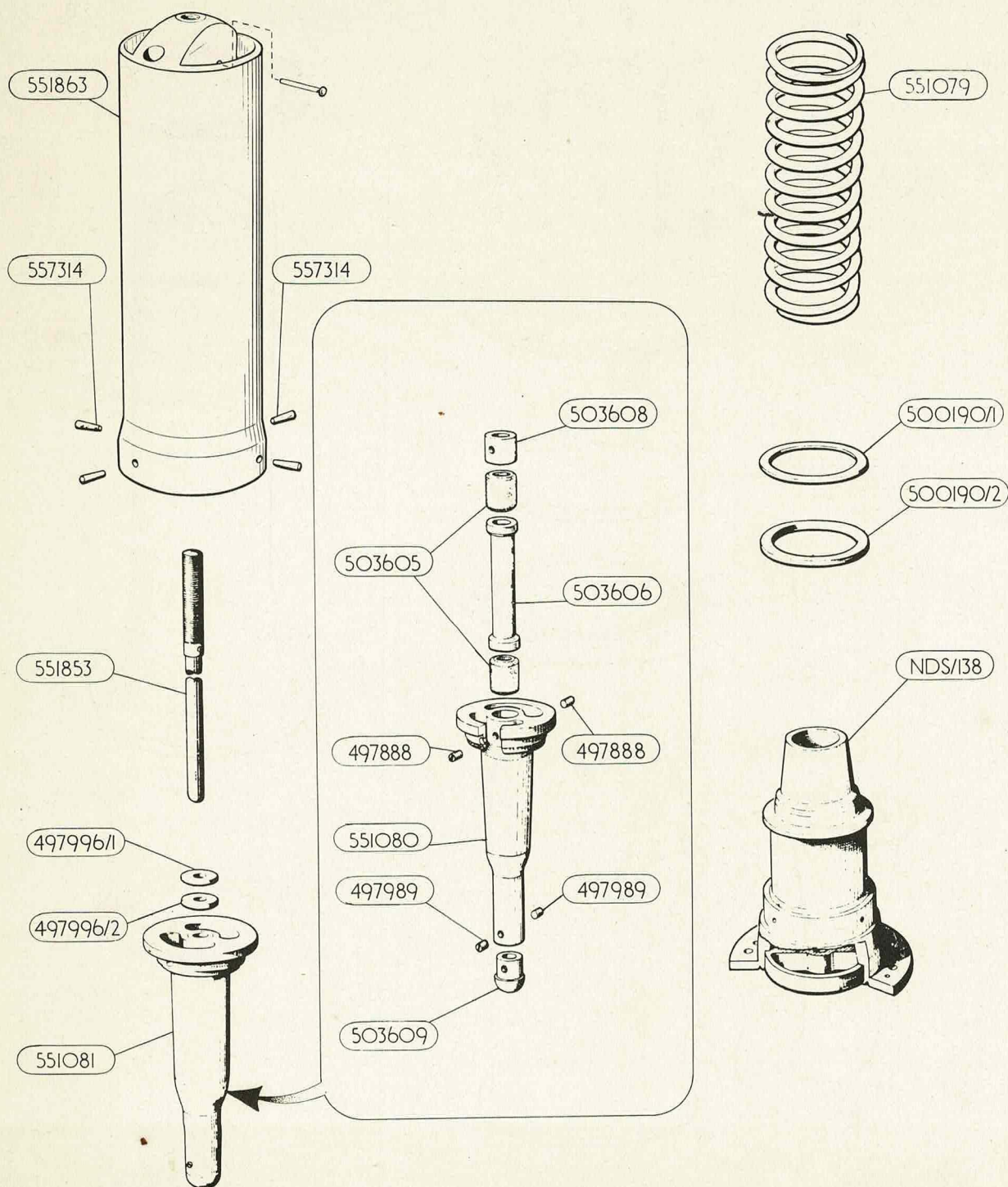


ORIFICE & FLOW CONTROLLER ASSEMBLY

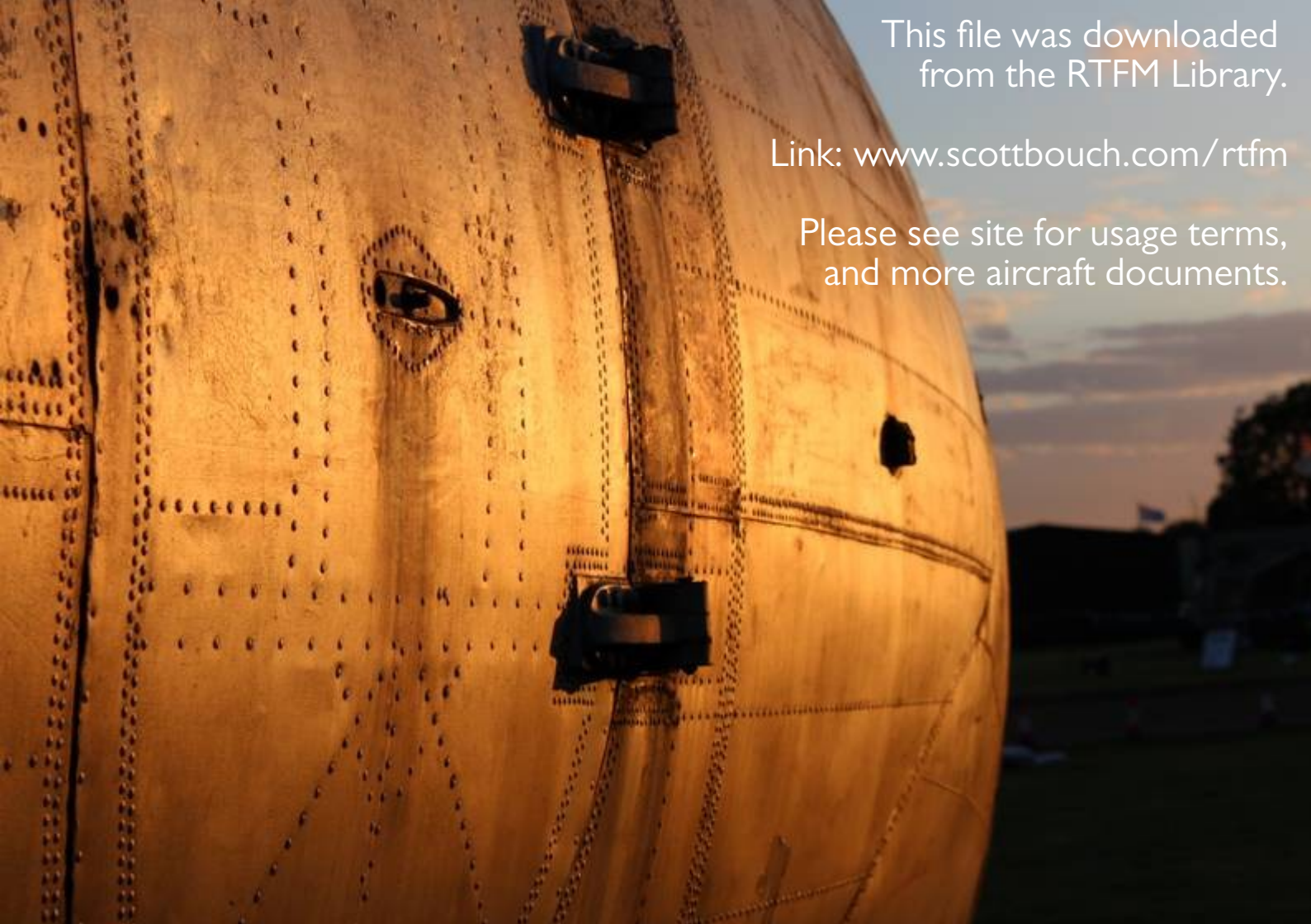


VALVE, CONSTANT FLOW.

PLATE K14



ASSEMBLIES, ORIFICE & FLOW CONTROLLER.



This file was downloaded
from the RTFM Library.

Link: www.scottbouch.com/rtfm

Please see site for usage terms,
and more aircraft documents.