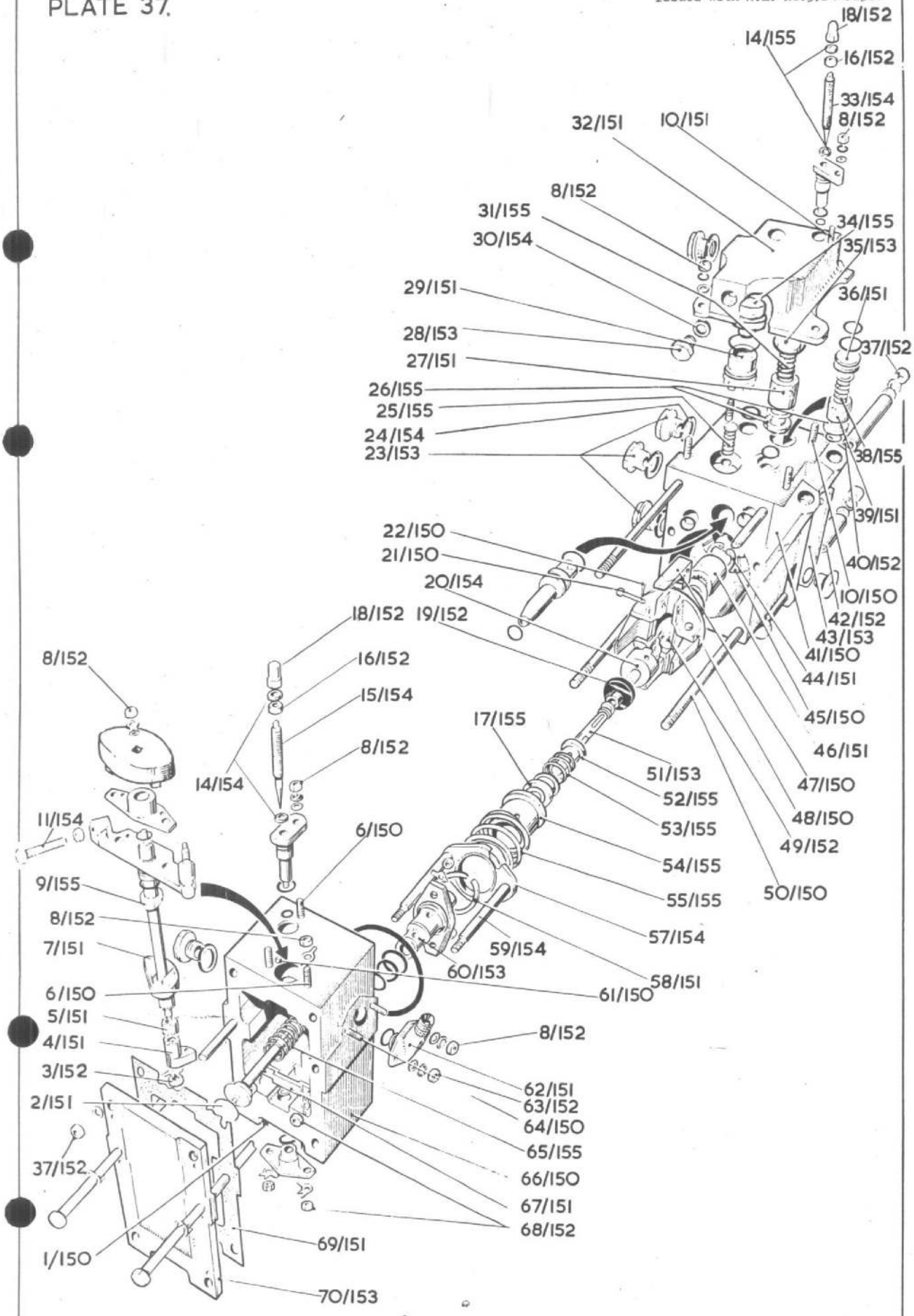
FUEL CONTROL UNIT

A.P.4677C, Vol.3, Part 1
Issued with A.L. No.5,Oct.1968

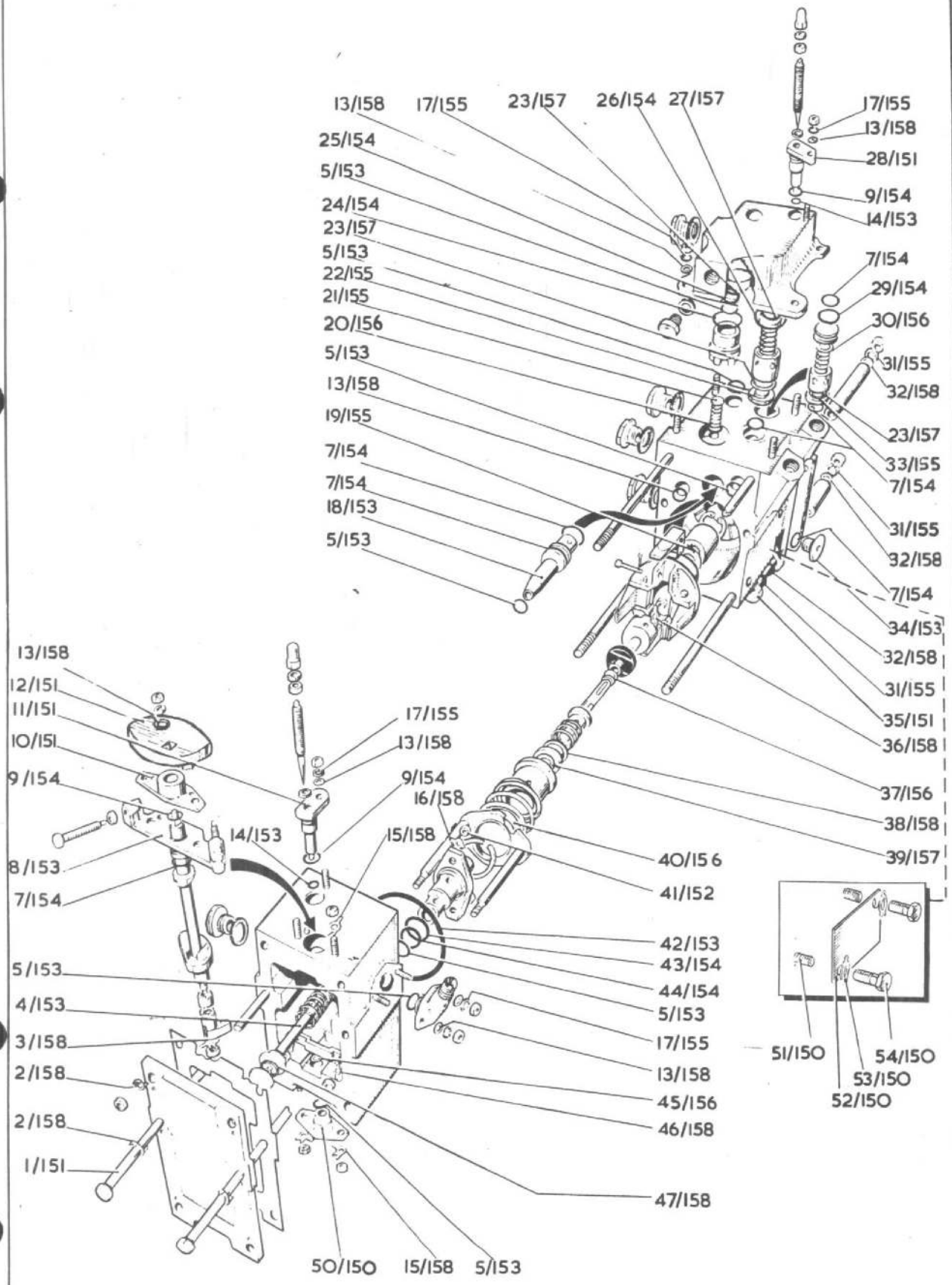
PLATE 37.



LUCAS FUEL CONTROL UNIT

PLATE 38

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LUCAS FUEL CONTROL UNIT

UNIT, FUEL CONTROL

Ref No. 36LL/-	Part No.	Description	No Off	Material Specification	Class of Store	Plate and Illust n No
7553	-	UNIT, FUEL CONTROL, ASSEMBLY, Lucas type 60-19BC (Mod.67) (Pre Mod.90)	1	-	M/A	-
7574	-	UNIT, FUEL CONTROL, ASSEMBLY, Lucas type CCU 108 (Mod.90)	1	-	M/A	-
6418	Y7062331	Bearing, tail, cam spindle	1	-	M/C	38/50
8414	W7063972	BODY ASSEMBLY (Mod.67) (Pre Mod.90)	1	-	-	-
-	W77064230	BODY ASSEMBLY (Mod.90)	1	-	M/B	-
8975	Y7063963	BODY, BUSH, AND, GOVERNOR CARRIER, ASSEMBLY (Mod.67) (Pre Mod.90)	1	-	-	-
10082	Y77064229	BODY, BUSH, CARBON, AND GOVERNOR CARRIER, ASSEMBLY (Mod.90)	1	-	M/B	-
6430	V7062344	Body (Pre Mod.90)	1	-	M/C	-
-	V7062604	Body (Mod.90)	1	-	M/C	37/41
2858	GTS20-1	Bolt, 4 BA, securing mod. plate (Mod.90)	2	-	M/C	38/54
8415	Y7063453	Bush, carbon	1	-	M/C	37/45
-	-	CARRIER, GOVERNOR, AND WEIGHT, ASSEMBLY	1	-	-	-
8416	Y7063760	Carrier, governor	1	-	M/C	37/48
6432	Y7062346A					
6433	Y7062346B	Pin, hinge governor weight	4	-	M/C	37/21
6434	Y7062346C					
8320	GTS94-1	Pin, split, governor hinge pin	4	-	M/C	37/22
6431	X7062345	Weight, governor	4	-	M/C	37/47
8406	GTS115/13	Insert, wire thread (Mod.90)	2	-	-	38/51
10079	Y7290943	Plate, modification (Mod.90)	1	-	-	38/52
619	GTS33/1	Washer, tab	2	-	-	38/53
5807	GTS85-24	Stud, assembling	4	-	M/C	37/50
1116	GTS3-2	Stud, cover securing	4	-	M/C	37/10
6403	X7062321	BODY, GOVERNOR, ASSEMBLY	1	-	M/B	-
6435	V7062347	Body, governor	1	-	M/B	37/66
6323	Z7061888	Dowel, cam spindle stop plate, locating	1	-	M/C	37/61
1232	GTS3-1	Stud, 2 BA, bearing, tail cam spindle securing	2	-	M/C	37/1
6436	Y7062348	Stud, 2 BA, connection, outlet, securing	2	-	M/C	37/64
1116	GTS3-2	Stud, 2 BA, securing		-	M/C	37/6
		Body, orifice, governor bleedscrew plate, stop, cam spindle	1			

UNIT, FUEL CONTROL

Ref No. 36LL/-	Part No.	Description	No Off	Material Specification	Class of Store	Plate and Illust n No
6437	Z7062349	Stud, 4 BA, governor orifice securing	2	-	M/C	-
6400	Y7062318	Body, orifice, screw, bleed, acceleration	1	-	M/C	38/28
6419	Y7062333	Body, orifice, screw, bleed, governor	1	-	M/C	38/11
6427	Y7062341	Bolt, assembling, large, fuel pump to control unit	2	-	M/C	38/1
6469	GTS74-19	Bolt, assembling, small, fuel pump to control unit	2	-	M/C	38/35
6410	X7062328	Cam, governor (Pre Mod.74)	1	-	M/C	-
9232	X7062523	Cam, governor (Mod.74)	1	-	M/C	37/4
6358	Y7062290	Cam-plate	1	-	M/C	37/67
6408	V7062326	Cam, valve, throttle	1	-	M/C	37/7
6390	X7062311	Case, valve, non-return	1	-	M/C	37/29
6376	Y7062299	Case, valve, pressurising	1	-	M/C	37/39
6387	Y7062306	Case, valve, relief	1	-	M/C	37/27
6468	GTS36-7	Circlip, coupling, drive retaining	2	-	M/C	37/44
6356	Z7062288	Circlip, spring sleeve, governor plate, retaining	1	-	M/C	37/58
6421	X7062336	Connection, outlet	1	-	M/C	37/62
8417	X7063452	Coupling, drive, fuel pump	1	-	M/C	37/46
6409	Y7062327	Coupling, vernier, throttle valve cam, governor	1	-	M/C	37/5
6399	Y7062316	COVER, BODY, ASSEMBLY	1	-	M/B	-
8976	W7062352	Cover, body	1	-	M/B	37/32
1116	GTS3-2	Stud, securing, body, orifice, acceleration bleedscrew	4	-	M/C	37/10
6405	Y7062323	Cover, cam spindle	1	-	M/C	38/10
6365	Y7062297	Cover, valve, pressurising	1	-	M/C	37/36
6407	X7062325	Disc, plate control, (replaced by B. & G.A. Part No. 6502 as illustrated)	1	-	M/C	38/12
6361	Y7062293	Follower, cam, thrust valve	1	-	M/C	37/2
6422	Y7062337	Gasket, plate, cover, governor body	1	-	M/C	37/69

UNIT, FUEL CONTROL

Ref No. 36LL/-	Part No.	Description	No Off	Material Specification	Class of Store	Plate and Illust n No
6424	X7062339	Plate, blanking	1	-	M/C	37/43
6423	Y7062338	Plate, cover, governor body	1	-	M/C	37/70
1236	Z7088-122	Plate, name	1	-	M/C	-
6386	Y7062304	Plate, spring, relief valve	1	-	M/C	37/35
6404	X7062322	Plate, stop, cam spindle	1	-	M/C	38/8
6364	Y7062296	Plug, blanking, external	5	-	M/C	37/23
6363	Y7062295	Plug, blanking, external	1	-	M/C	38/34
6453	Y7481272	Plug, sealing, body cover	1	-	M/C	37/28
8418	Y7063356	PLUNGER AND SLEEVE, THRUST VALVE, ASSEMBLY	1	-	M/B	-
8979	Y7063227	1 Plunger, profile, thrust valve	1	-	M/C	38/4
8980	Y7062359	1 Sleeve, thrust valve	1	-	M/C	38/18
8419	Y7063400	PLUNGER, AND ORIFICE, GOVERNOR ASSEMBLY (Pre Mod.87)	1	-	M/B	-
9220	Y77064378	PLUNGER, AND ORIFICE, GOVERNOR ASSEMBLY (Mod.87) (Pre Mod.110)	1	-	M/B	-
12625	Y77064550	PLUNGER, AND ORIFICE, GOVERNOR ASSEMBLY (Mod.110) (Pre Mod.216)	1	-	-	-
6060007	Y77067631	PLUNGER, AND ORIFICE, GOVERNOR ASSEMBLY (Mod.216)	1	-	M/B	-
8978	X7062355	1 Orifice, governor	1	-	M/C	37/60
8977	X7063399	1 Plunger, governor (Pre Mod.87)	1	-	M/C	-
9221	X7064065	1 Plunger, governor (Mod.87) (Pre Mod.110)	1	-	M/C	-
10387	X77064551	1 Plunger, governor (Mod.110) (Pre Mod.216)	1	-	M/C	-
19932	X77067670	1 Plunger, governor (Mod.216)	1	-	M/B	37/51
4136	GTS242-5	Ring, sealing:-	-	-	M/C	38/5
		2 Bearing, tail, cam spindle	1			
		2 Connection, outlet/body governor	1			
		2 Orifice, governor	1			
		2 Passage, fuel, body, assembly/body, governor	1			
		2 Passage, fuel, body, assembly/cover, body	1			
		2 Seat, non-return valve	1			
		2 Sleeve, thrust valve	1			
6452	Z7420096	Ring, sealing, body assembly/body, governor	1	-	M/C	38/42
4134	GTS242-2	Ring, sealing:-	-		M/C	38/14
		2 Body, orifice (acceleration bleed screw)	1			
		2 Body, orifice (governor bleed screw)	1			

Ref No. 36LL/-	Part No.	Description	No Off	Material Specification	Class of Store	Plate and Illust n No
4135	GTS242-4	Ring, sealing:-		-	M/C	38/9
		Body, orifice, (acceleration bleed-screw)	1			
		Body, orifice, (governor bleedscrew)	1			
		Cover, cam spindle/spindle, cam passage, fuel, body assembly/body, governor	1			
4140	GTS242-10	Ring, sealing, case, non-return valve	1	-	M/C	38/24
4141	GTS242-11	Ring, sealing, case, relief valve	1	-	M/C	38/26
4137	GTS242-6	Ring, sealing:-			M/C	38/7
		Cover, body/cover, pressurizing valve	1			
		Plate, stop	1			
		Plug, external blanking	1			
		Seat, pressurizing valve	1			
		Sleeve, thrust valve	2			
		Valve, relief	1			
3521	GTS242-7	Ring, sealing, cover, body/seat, non-return valve	1	-	M/C	38/25
1610	Z17106-53	Ring, sealing, cover, pressurizing valve	1	-	M/C	38/29
6322	GTS243-3	Ring, sealing, orifice, governor	1	-	M/C	38/44
1219	Z17101-121	Ring, sealing, orifice, governor	1	-	M/C	38/43
6335	Y7062275	Ring, thrust	1	-	M/C	37/20
6357	Z7062289	RODS, GUIDE, GOVERNOR, AND PLATE, ASSEMBLY	1	-	M/B	-
6438	Y7062350	Plate, governor	2	-	M/C	37/57
6439	Z7062351	Rod, guide, governor	1	-	M/C	37/59
6401	Y7062319	Screw, bleed, acceleration	1	-	M/C	37/33
6420	Y7062334	Screw, bleed, governor	2	-	M/C	37/15
28S/6627	Y17097-63-1A	Screw, parker, name plate, securing	2	-	M/C	-
6354	Y7062285	Screw, set, stop-plate		-	M/C	37/11
36DS/214	GTS105-1	Seal, bonded, acceleration bleedscrew:-		-	M/C	37/14
		Nut, dome	1			
		Nut, lock	1			
36DS/9	GTS105-6	Seal, bonded, external blanking plug	5	-	M/C	37/24
36DS/215	GTS105-3	Seal, bonded, external blanking plug, body cover	1	-	M/C	37/30

UNIT, FUEL CONTROL

Ref No. 36LL/-	Part No.	Description	No. Off	Material Specification	Class of Store	Plate and Illust n No
36DS/214	GTS1 05-1	Seal, bonded, governor bleedscrew:-			M/C	37/14
		nut, dome	1			
		nut, lock	1			
6337	Y7062277	Seat, spring, inner	1	-	M/C	37/52
6391	Y7062313	Seat, valve, non-return	1	-	M/C	37/34
6377	Y7062300	Seat, valve:-			M/C	37/26
		pressurising	1			
		relief	1			
6541	X7062659	Sleeve, spring, outer	1	-	M/C	37/54
6406	X7062324	Spindle, cam (Pre Mod. 74)	1	-	M/C	-
8972	X7062524	Spindle, cam (Mod. 74)	1	-	M/C	37/9
8420	Y7063220	Spring, inner	1	-	M/C	37/53
8421	Y7063222	Spring, outer	1	-	M/C	37/55
6454	Y7520013	Spring, valve, non-return	1	-	M/C	37/25
8422	Y7063219	Spring, valve, pressurizing	1	-	M/C	38/33
8423	Y7063221	Spring, valve, relief	1	-	M/C	37/31
6362	Y7062294	Spring, valve, thrust	1	-	M/C	37/65
6450	Y7062658	Stop, sleeve, spring	1	-	M/C	37/17
6392	Y7062314	Valve, non-return	1	-	M/C	38/21
6378	Y7062301	Valve, pressurising	1	-	M/C	38/29
6388	Y7062308	Valve, relief	1	-	M/C	38/22
6327	Y7062271	Washer, drive coupling	2	-	M/C	38/19
720	GTS28-7	Washer, grover, located:-		-	M/C	38/31
		bolt, assembling, (large)	2			
		bolt, assembling, (small)	4			
71	GTS28-3	Washer, grover, stud securing:-		-	M/C	38/17
		body, orifice, (acceleration bleed-screw)	1			
		body, orifice, (governor bleed-screw)	1			
		connection, outlet	2			
		cover, body	4			

UNIT, FUEL CONTROL

Ref No. 36LL/-	Part No.	Description	No Off	Material Specification	Class of Store	Plate and Illust n No
6328	Z7062273A	Washer, shim, A)				
6329		B)				
6330		C) ring, thrust, governor	AR	-	M/C	38/37
6331		D) carrier				
6332		E)				
6334		F)				
6412	Z7062330A	Washer, shim, A)				
6413		B)				
6414		C) spindle, cam/bearing,	AR	-	M/C	38/45
6415		D) tail				
6416		E)				
6417		F)				
6348	Z7062284A	Washer, shim, A)				
6349		B)				
6350		C) spring, outer/plate,	AR	-	M/C	38/40
6351		D) governor				
6352		E)				
6353		F)				
6393	Y7062315A	Washer, shim, A)				
6394		B)				
6395		C) spring, valve, non-return/	AR	-	M/C	38/20
6396		D) body				
6397		E)				
6398		F)				
6380	Z7062303A	Washer, shim, A)				
6381		B)				
6382		C) spring, valve, pressurising/	AR	-	M/C	38/30
6383		D) cover, valve				
6384		E)				
6385		F)				

UNIT, FUEL CONTROL

Ref No. 36LL/-	Part No.	Description	No Off	Material Specification	Class of Store	Plate and Illust n No
6442	Z7062418A	Washer, shim, A)				
6443		B)				
6444		C) spring, valve relief/plate,	AR	-	M/C	38/27
6445		D) spring valve				
6446		E)				
6447		F)				
6340	Z7062281	Washer, shim, A)				
6341	alternative	B)				
6341	to	C) stop, sleeve/sleeve,	AR	-	M/C	38/39
6343	Z7062282	D) spring				
6344	range	E)				
6345	A & B	F)				
6346	Z7062282	Washer, shim, A)				
6347	alternative	B) stop, sleeve/sleeve, spring	AR	-	M/C	-
	to	)				
	Z7062881	)				
	range	)				
	A - F	)				
6366	Y7062298	Washer, shim, C)				
6367		D)				
6368		E)				
6369		F) located:-	AR	-	M/C	38/23
6370		G) case, valve, non-return/seat,				
6371		H) valve:				
6372		J) case, valve, pressurising/				
6373		K) seat, valve:				
6374		L) case, valve, relief/seat				
6375		M) valve:				

Ref No. 36LL/-	Part No.	Description	No Off	Material Specification	Class of Store	Plate and Illust n No
1900	GTS51-8F	Washer, shim, located:-			M/C	38/32
		Bolt, assembling, (large)	2			
		Bolt, assembling, (small)	4			
8424	Z7062394	Washer, shim, plunger, profile/follower, cam, thrust, valve	1	-	M/C	38/47
8425	Z7062395	Washer, shim, plunger, profile/follower, cam, thrust, valve	1			
6339	Z7062279A	Washer, shim, spring, inner/stop, sleeve	AR	-	M/C	38/38
96	GTS51-3F	Washer, shim, stud securing:-			M/C	38/13
		Body, orifice, acceleration bleed-screw	1			
		Body, orifice, governor bleedscrew	1			
		Connection, outlet	2			
		Cover, body	4			
		Disc, plate control	1			
2043	GTS34-3	Washer, tab, cam, governor, locknut (Pre Mod.74)	1	-	M/C	-
8973	Z7062518	Washer, tab, cam, governor, locknut (Mod.74)	1	-	M/C	38/3
1703	GTS33-3	Washer, tab, nut securing:-			M/C	38/2
		Bolt, assembling (large)	2			
		Stud, assembling	4			
1928	GTS34-1	Washer, tab, orifice governor, securing stud	2	-	M/C	38/16
895	GTS33-2	Washer, tab, ring, thrust, securing nut	1	-	M/C	38/36
6359	Y7062291	Washer, tab, rod, guide, camplate, securing nut	2	-	M/C	38/46
2065	GTS34-2	Washer, tab, stud securing:-			M/C	38/15
		Bearing, tail, cam spindle	2			
		Plate, stop	2			



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