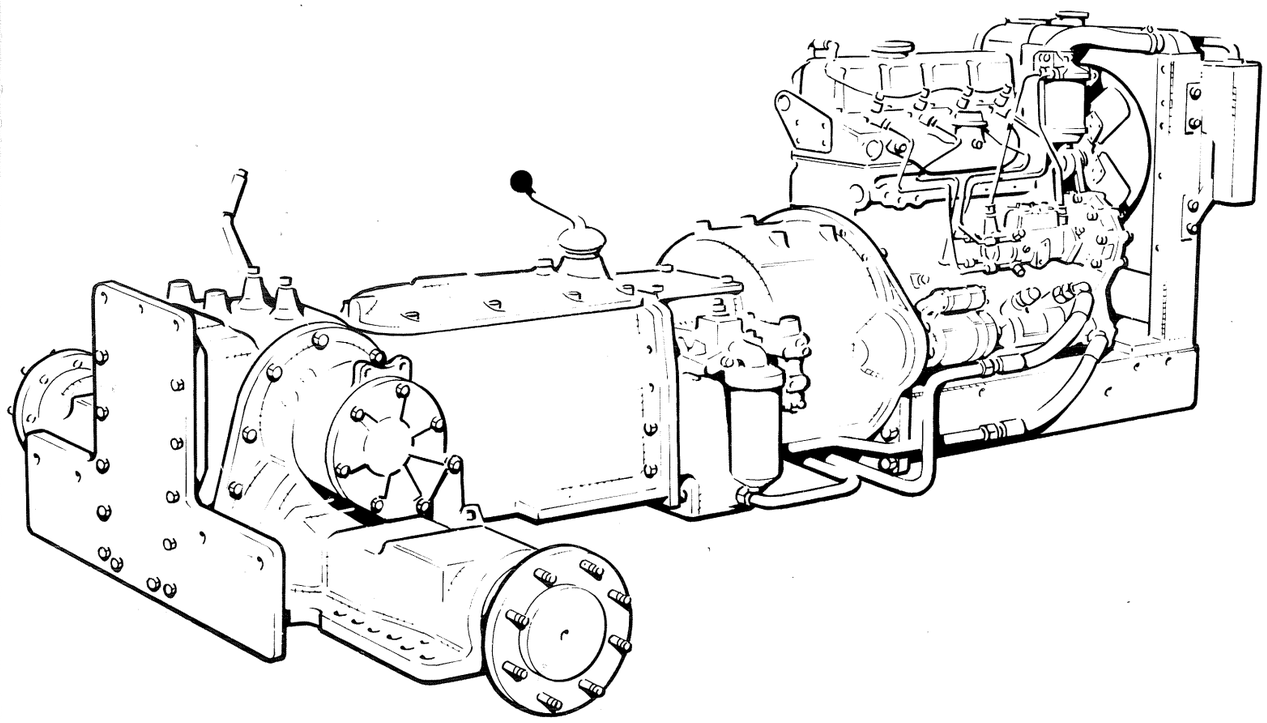
RETURN

180° ENGINE & TRANSMISSION



BMC

4 Cylinder Engine	EA
3 Cylinder Engine	EC
Throttle Linkage	MA
Clutch	ME
Gearbox & Transmission	MF
Steering Column	MG
Brakes	MJ
Electrical Equipment	MK
Floor Plate	MN
Drawbar	MO
P.T.O. & Hydraulics	MR
Torque Converter	TC

MACHINE—ENGINE RECORD

ISSUE 1

M/C Type	Year of Manufacture	Engine Manufacture	Type	Prefix	Year From	Year To	Replacement Engine Prefix	Replacement Engine Part No.
JCB 2	1964 to 1967	Ford	4 cyl.			1964	See Ford Dealer	
		BLMC	3 cyl.	28T	1964	1967	Assy. Not Available Use Components	
		BLMC	3 cyl.	28TD	1967			
JCB 2B	1964 to 1971	Ford	4 cyl.			1964	See Ford Dealer	
		BLMC	3 cyl.	28T	1964	1967	Assy. Not Available Use Component Parts	
		BLMC	3 cyl.	28TD	1967	1971		
JCB 2D	1970 on	BLMC	4 cyl.	38TD		E43480	4.98NV	BAK120N†
		BLMC	4 cyl.	38TD	E43481	Nov.72	4.98NT	BAK121N††
		BLMC	4 cyl.	4.98NT	Nov.72		4.98NT	BAK121N††
JCB 3	1961 to 1967	Ford	4 cyl.			1964	See Ford Dealer	
		BLMC	3 cyl.	28T	1964	1967	Assy. Not Available Use Component Parts	
JCB 3 II	1967 to 1971	BLMC	4 cyl.	38TD	1967	E43480	4.98NV	BAK120N†
JCB 3 III	1971 on	BLMC	4 cyl.	38TD	E43481	Nov.72	4.98NT	BAK121N††
		BLMC	4 cyl.	4.98NT	Nov.72		4.98NT	BAK121N††
JCB 3C	1963 to 1967	Ford	4 cyl.			1965	See Ford Dealer	
		BLMC	4 cyl.	38T	1965	1967	4.98NV	BAK120N†
JCB 3C II	1967 on	BLMC	4 cyl.	38TD	1967	E43480	4.98NV	BAK120N†
JCB 3C III	1977 on	BLMC	4 cyl.	38TD	E43481	Nov.72	4.98NT	BAK121N††
		BLMC	4 cyl.	4.98NT	Nov.72		4.98NT	BAK121N††
JCB 3D	1967 to 1968	BLMC	4 cyl.	38T		1967	4.98NV	BAK120N†
		BLMC	4 cyl.	38TD		E43480	4.98NV	BAK120N†
JCB 3D II	1968 on	BLMC	4 cyl.	38TD	E43481	Nov.72	4.98NT	BAK121N††
JCB 3D III	1977 on	BLMC	4 cyl.	4.98NT	Nov.72		4.98NT	BAK121N††
JCB 4C	1962 to 1967	Ford	4 cyl.			1965		
		BLMC	4 cyl.	38T	1965	1967	4.98NV	BAK120N†
JCB 4D	1968 to 1971	BLMC	4 cyl.	38TD		E43480	4.98NV	BAK120N†
		BLMC	4 cyl.	38TD	E43481		4.98NT	BAK121N††
JCB 700	1969 on	BLMC	4 cyl.	38TD		E43480	4.98NV	BAK120N†
		BLMC	4 cyl.	38TD	E43481	Nov.72	4.98NT	BAK121N††
		BLMC	4 cyl.	4.98NT	Nov.72		4.98NT	BAK121N††

NOTE:

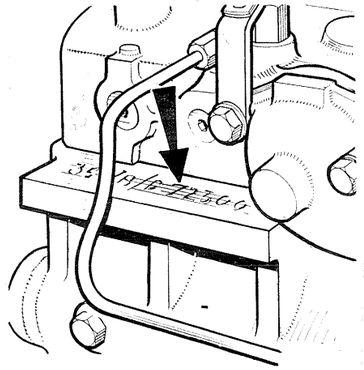
In 1964/65 with the introduction of the BLMC Skid all machines with this skid unit fitted were marked with a letter 'N' for Nuffield after the machine serial number. This remained until approximately 1968 when JCB deleted the letter 'N' from the number.

† The BAK120N is a Basic Unbalanced Engine.

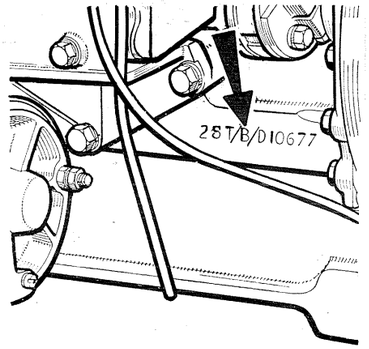
†† The BAK121N is a Basic Engine and machined to take Engine Balancer.

ENGINE SERIAL NUMBERS – Location & Explanation

BMC 4 cyl. DIESEL ENGINE



BMC 3 cyl. DIESEL ENGINE



ENGINE SERIAL NUMBER
(CODE EXAMPLE)

38TD/1260/12345

PREFIX
(3.8 litre tractor engine)

BUILD NUMBER

SERIAL NUMBER

TYPE	MODEL	PREFIX	COMMENCING ENGINE
3 cyl.	28—Litre Diesel (Type T)	28T	E 101
3 cyl.	28—Litre Diesel (Type TD)	28TD	E 101
4 cyl.	38—Litre Diesel (Type T)	38T	E 101
4 cyl.	38—Litre Diesel (Type TD)	38TD	E 101
4 cyl.	4.98—Litre Diesel (Type NT)	4.98NT	E 101
4 cyl.	4.98—Litre Diesel (Type NV)	4.98NV	E 101

JCB have used the above engines in there 180° machines.

ISSUE 1*

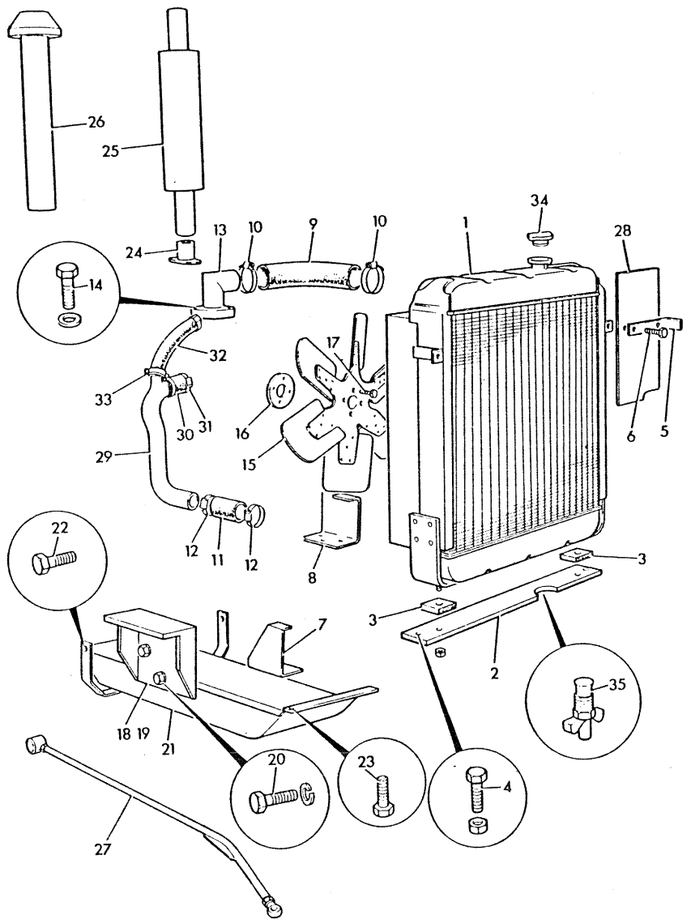
EA

4 Cylinder Engine

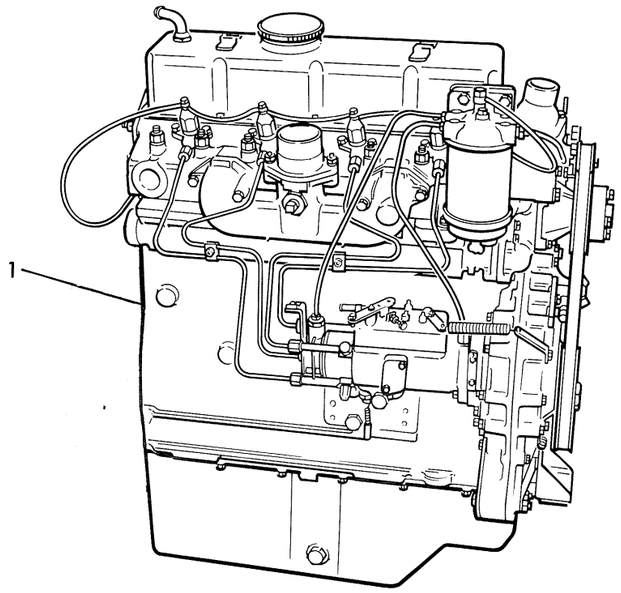
Pages EA1 to EA5

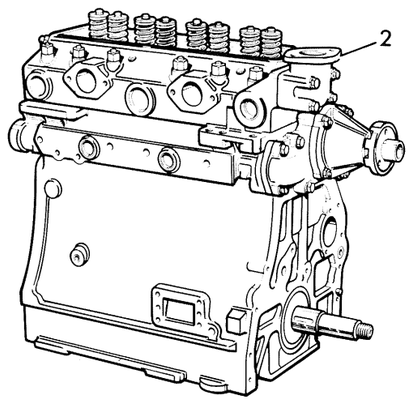
Description	38 T	38 TD	498 NT	498 NV	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
-Sediment Trap	1			1			EA30	EA30	EA30		
		1	1		EA30.1 M110552 on		EA30.1 M110552 on	EA30.1 M110552 on			EA30.1 M110552 on
Inlet Manifold	1	1	1	1	EA17	EA17	EA17	EA17	EA17	EA17	EA17
Oil Filter	1			1			EA15	EA15	EA15		
		1	1	1	EA16	EA16	EA16	EA16		EA16	EA16
Oil Gauge Union	1	1	1	1	EA28	EA28	EA28	EA28	EA28	EA28	EA28
Oil Pump	1			1			EA14	EA14	EA14		
		1	1	1	EA14.1	EA14.1	EA14.1	EA14.1	EA14.1	EA14.1	EA14.1
Oil Relief Valve	1			1			EA14	EA14	EA14		
		1	1	1	EA14.1	EA14.1	EA14.1	EA14.1	EA14.1	EA14.1	EA14.1
Piston/Connecting Rod	1	1			EA4	EA4	EA4	EA4	EA4	EA4	EA4
			1	1	EA5	EA5	EA5	EA5	EA5	EA5	EA5
Pump-Power Steering -Manual Trans.	1						See m/c Catalogue	See m/c Catalogue	See m/c Catalogue		
		1	1	1	EA34.1	EA34 M45973 EA34.1	EA34 M45973 EA34.1	EA34 M45973 EA34.1		EA34 M45973 EA34.1	EA34.1
-T/C Trans.		1	1	1	EA34.2 M118633 EA34.3	EA34.2 M118633 EA34.3	EA34.2 M118633 EA34.3	EA34.2 M118633 EA34.3			EA34.2 M118633 EA34.3
Japanese			1		EA34.2	EA34.2	EA34.2	EA34.2			EA34.2
-T/C Trans.Adapters			1		EA34.4 M118634 on	EA34.4 M118634 on	EA34.4 M118634 on	EA34.4 M118634 on			EA34.4 M118634 on
Push Rod/Tappets	1	1	1	1	EA4	EA4	EA4	EA4	EA4	EA4	EA4
Radiator & Fan	1						EA32	EA32	EA32		
		1	1	1	EA33	EA33	EA33	EA33	EA33	EA33	EA33
Sump	1	1	1	1	EA13	EA13	EA13	EA13	EA13	EA13	EA13
Thermostat & Housing	1	1	1	1	EA10	EA10	EA10	EA10	EA10	EA10	EA10
Timing Case	1	1	1	1	EA7	EA7	EA7	EA7	EA7	EA7	EA7
Valves	1	1	1	1	EA8	EA8	EA8	EA8	EA8	EA8	EA8
Valve Rocker Cover	1	1	1	1	EA10	EA10	EA10	EA10	EA10	EA10	EA10
Valve Rocker Gear	1	1	1	1	EA9	EA9	EA9	EA9	EA9	EA9	EA9
Water Pump	1						EA11	EA11	EA11		
		1	1	1	EA12	EA12	EA12	EA12	EA12	EA12	EA12

Description	38 T	38 TD	498 NT	498 NV	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
*Air Cleaner	1	1	1	1	EA31 M EA31-1	EA31 M EA31-1	EA31 M EA31-1	EA31 M EA31-1	EA31	EA31	EA31 M EA31-1
Breather Pipe	1	1	1	1	EA28	EA28	EA28	EA28	EA28	EA28	EA28
Cold Start Device	1	1	1	1	EA35.1	EA35 M52477 EA35.1	EA35 M52477 EA35.1	EA35 M52477 EA35.1	EA35	EA35 M52477 EA35.1	EA35 M52477 EA35.1
Crankshaft	1	1	1	1	EA4 EA5	EA4 EA5	EA4 EA5	EA4 EA5	EA4 EA5	EA4 EA5	EA4 EA5
Cam Shaft	1	1	1	1	EA4 EA5	EA4 EA5	EA4 EA5	EA4 EA5	EA4 EA5	EA4 EA5	EA4 EA5
Cylinder Block	1	1	1	1	EA2 EA3	EA2 EA3	EA2 EA3	EA2 EA3	EA2 EA3	EA2 EA3	EA2 EA3
Cylinder Head	1	1	1	1	EA8	EA8	EA8	EA8	EA8	EA8	EA8
Engine -Fitting-JCB	1	1				EA1 M	EA1 M	EA1 M	EA1 M		
-Unit	1	1	1	1	EA1.1	EA1.1	EA1.1	EA1.1	EA1.1	EA1.1	EA1.1
-Gasket Sets	1	1	1	1	EA29	EA29	EA29	EA29	EA29	EA29	EA29
					38TD	E38TD	E38TD	E38TD		E38TD	E38TD
-Balancer		1	1	1	EA14.1 43480 on	EA14.1 43480 on	EA14.1 43480 on	EA14.1 43480 on		EA14.1 43480 on	EA14.1 43480 on
-Heater			1		EA36	EA36	EA36	EA36			EA36
Exhaust System	1	1	1	1	EA28	EA28	EA28	EA28	EA28	EA28	EA28
Flywheel Housing	1	1	1	1	EA6	EA6	EA6	EA6	EA6	EA6	EA6
Fuel System											
-Filter-Single	1			1			EA27	EA27	EA27		
-Twin(Simms)		1		1	EA27.1	EA27.1	EA27.1	EA27.1		EA27.1	EA27.1
-Twin(CAV)			1		EA27.2 E35216	EA27.2 E35216	EA27.2 E35216	EA27.2 E35216		EA27.2 E35216	EA27.2 E35216
-Single Long (CAV)			1		EA27.3	EA27.3	EA27.3	EA27.3		EA27.3	EA27.3
-Injection Pump											
-Simms MIN-MEC	1	1	1	1	EA20	EA20	EA20	EA20	EA20	EA20	EA20
-CAV D.P.A.			1		EA23 E7443 on	EA23 E7443 on	EA23 E7443 on	EA23 E7443 on			EA23 E7443 on
-Pump Drive											
-Simms MIN-MEC	1			1			EA18	EA18 38T	EA18 38T		
		1	1	1		EA19	EA19	EA19		EA19	EA19
-CAV D.P.A.			1		EA23 E7443 on	EA23 E7443 on	EA23 E7443 on	EA23 E7443 on		EA23 E7443 on	EA23 E7443 on
-Pump Governor											
Simms MIN-MEC	1	1	1	1	EA22	EA22	EA22	EA22	EA22	EA22	EA22
-Pipes-Simms											
MIN-MEC	1			1			EA25	EA25	EA25		
		1	1	1	EA25.1	EA25.1	EA25.1	EA25.1		EA25.1	EA25.1
CAV D.P.A.			1		EA25.2 E7443 on	EA25.2 E7443 on	EA25.2 E7443 on	EA25.2 E7443 on		EA25.2 E7443 on	EA25.2 E7443 on
-Injector-Simms											
-MIN MEC	1	1	1	1	EA24	EA24	EA24	EA24	EA24	EA24	EA24
-CAV D.P.A			1		EA24.1 E7443 on	EA24.1 E7443 on	EA24.1 E7443 on	EA24.1 E7443 on		EA24.1 E7443 on	EA24.1 E7443 on
-Lift Pump	1	1	1	1	EA26	EA26	EA26	EA26	EA26	EA26	EA26

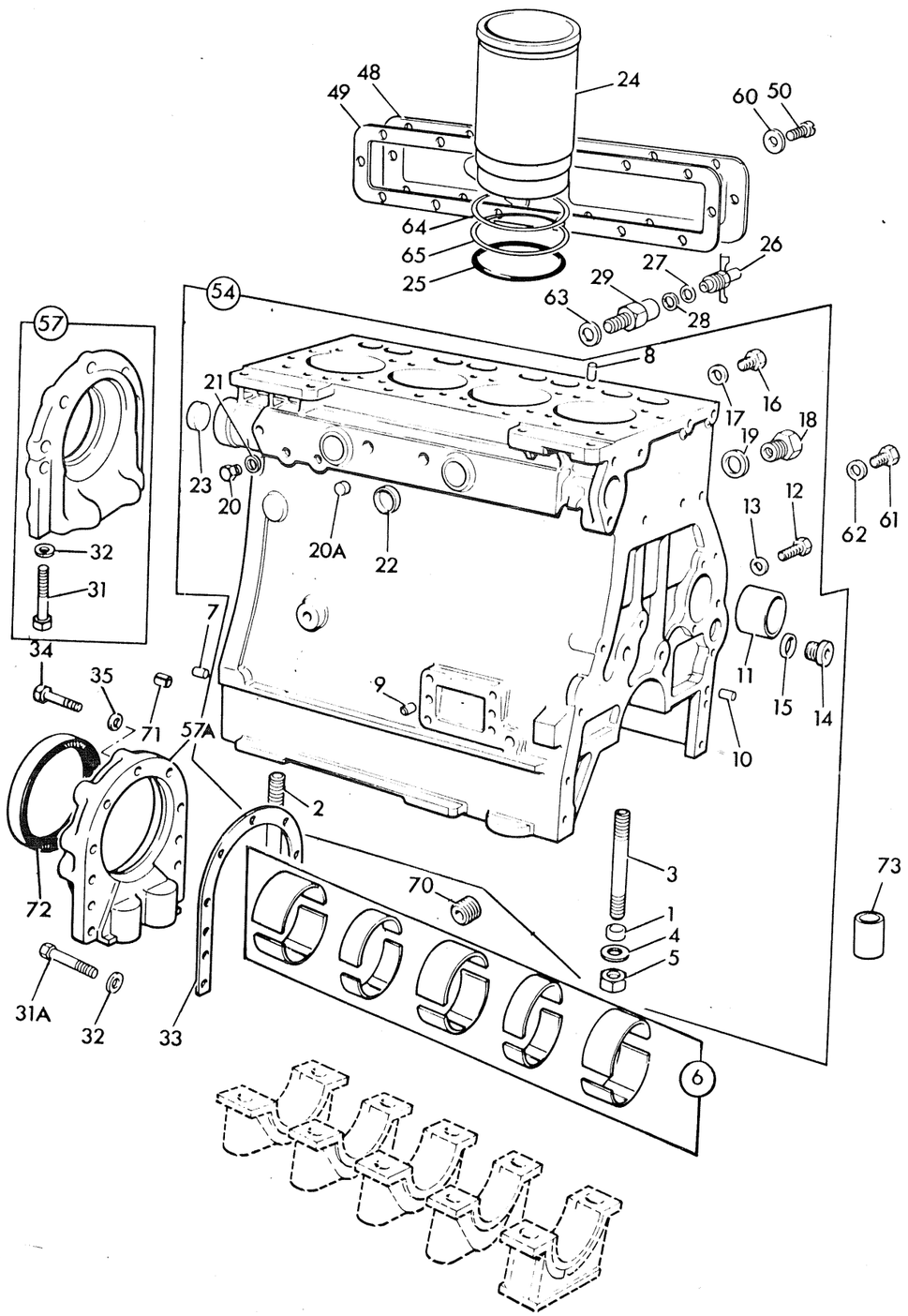


ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
	For items 1 to 17 Refer to Page EA32							
18	AL17/13	....	Bracket N/S	JCB 3C	1			
	AL16/3 104/80800	No./Con.	Bracket N/S	JCB 4C	1			
19	AL17/14	....	Bracket O/S	JCB 3C	1			
	AL16/4 104/80900	No./Con.	Bracket O/S	JCB 4C	1			
20	1305/3718	....	Bolt	....	3			
	1416/0011	....	Washer	....	3			
	1340/0703	....	Nut	....	3			
	For items 21 to 23 Refer to Page Mf 1-1							
	For items 24 & 25 Refer to Page EA28							
26	See Page EA31	....	Air Breather	....	1			
27	AL17/63	....	Drag Link	JCB 3C	1			
	AL 16/36 104/81200	No./Con.	Drag Link	JCB 4C	1			
	ATJ4025	....	:Socket	....	1			
	7H3657	....	:Socket	....	1			
	For items 28 to 34 Refer to Page EA32							



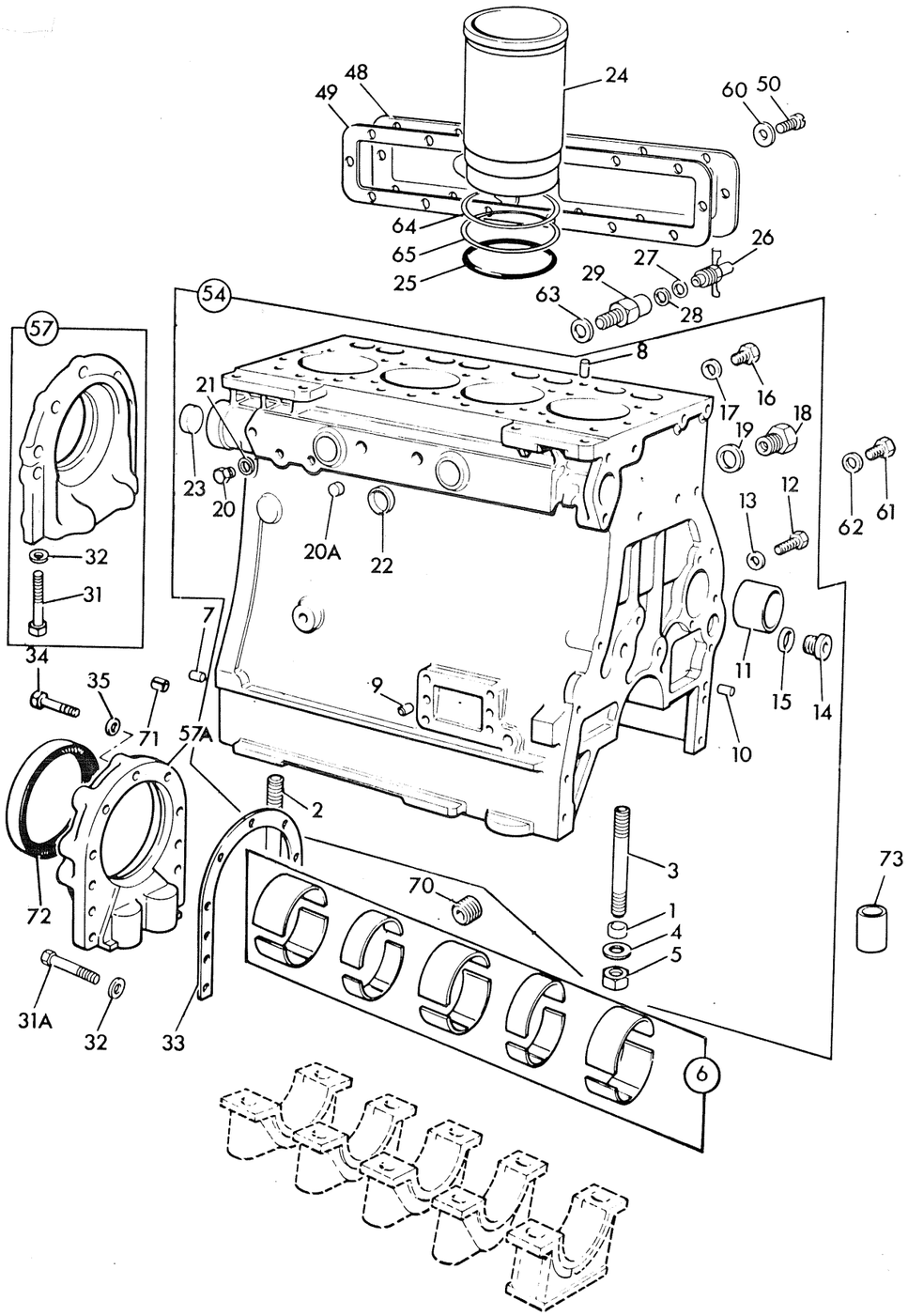


ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	01/300700	....	Engine	Complete with Balancer D.P.A. Pump, Alternator Was BAK 12, BAK59 & BAK63	1	1	1	1
2	BAK91N BAK120N	Superseded To E44287	Basic Engine	Unbalanced	1	1		1
	BAK95N BAK124N BAK121N	Superseded Superseded	Basic Engine	Machined to take Balancer		1	1	



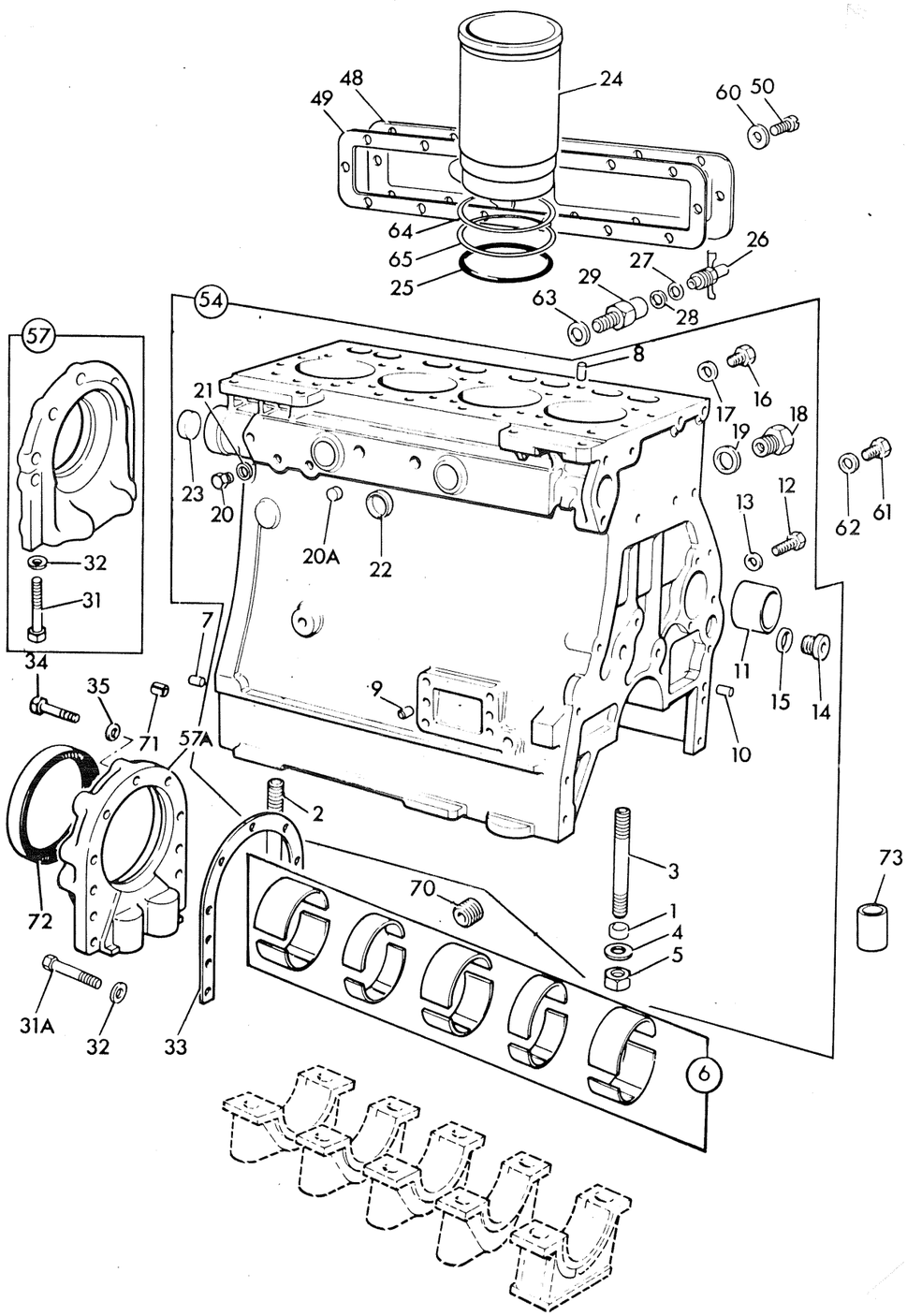
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
54	37D96 37D403 86K1341	To E49184 Superseded	*Cylinder Block	37D96 N/A Use 86K 1341 with 86K 1190 4 off, 37D 1857 4 off, 37D426 4 off	1			
	37D808 37D2938 37D3067 37D3476 37D4003 N.S.P.	To E21241 Superseded To E40898 To E44286 Superseded	*Cylinder Block Cylinder Block for Balanced Engine	37D808 N/A Use 37D3067 with 4off 86K 1190,37D3067 N/A Use 37D3476 with 37D3480, 86K623,4 off 86K1190, 37D3483, 37D3486,37D3488 & 37D3484		1		
1	02/300201	....	*Dowel	....	12	12		
2	37D86	....	Stud-Short	....	8			
	37D528	....	Stud-Short	....		8		
3	37D85	....	Stud-Long	....	2			
	37D527 37D3449	ToE40898	Stud-Long	....		2		
4	37D91	....	Washer	....	10	10		
5	13H1990	....	Nut	....	10			
	13H2995 13H4043 88G590	Superseded Superseded	Nut	....		10		
6	8G2366	....	Main Bearing-STD Size		1 set			
	02/392008	....	*Main Bearing-STD Size			1 set		
	8G2366/15	....	Main Bearing.015in.(38mm)U/S		1 set			
	02/392009	....	*Main Bearing.015in.(.38mm)U/S			1 set		
	8G2366/30	....	Main Bearing 0.030in.(.762mm)U/S		1 set			
	02/392010	....	*Main Bearing 0.030in.(.762mm)U/S			1 set		
	8G2366/45	....	Main Bearing.045in.(1.43mm)U/S		1 set			
	02/392011	....	*Main Bearing.045in.(1.43mm)U/S			1 set		
7	AMK1017	....	Dowel	....	3	3		
8	AMK697	....	Dowel	....	2	2		
9	AMK783	....	Dowel	....	2			
10	02/394005	....	*Dowel	....	3	3		
11	02/392001	....	*Bush	....	1	1		

EA 2 CYLINDER BLOCK



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38T	38TD	498NT	498NV
12	826/00582	....	*Screw	....	1	1		
13	823/00208	....	*Washer	....	1	1		
14	816/80013	....	*Plug	....	2	2		
15	823/00209	....	*Washer	....	2	2		
16	816/80014	....	*Plug	....	2	2		
17	823/00210	....	*Washer	....	2	2		
18	AMK317	....	Plug	....	1			
19	N.S.P.	....	Washer	Was AMK1016	1			
20	816/80014	....	*Plug-Screw	....	2			
	816/80014	To E40898	*Plug-Screw	....		2		
20A	835/10020	To E44286	*Core Plug	5/8in.(15.875mm)		2		
	835/10020					4		
21	823/00210	....	*Washer	....	2			
	823/00210	To E40898	*Washer	....		2		
22	816/80017	....	*Plug-Screw	....	2			
	816/80017	To E40898	*Plug-Screw	....		2		
	835/10021	....	*Core Plug	1in.(25.4mm)....				
23	AMK706	....	Core Plug	....	1			
	AMK706	To E30798	*Core Plug	1 1/2in.(38.1mm)		1		
	835/10022							
24	CMK169	Superseded	Cylinder Liner	....	4			
	37D425	To E49184						
	37D346	Superseded						
	37D1837	Superseded						
	988/00095							
	988/00095	To E21241	Cylinder Liner	....		4		
	37D2942	Superseded						
	86K931	Superseded						
	86K1190	Superseded						
	988/00051							
	37D2843	....	Cylinder Liner-Service Purposes only See Tractor 184 for information.			4		
25	AMK61	To E49184	Sealing Ring	....	4			
	37D347	Superseded						
	37D1857					4		
26	AMK13576	....	Drain Tap	....	1			
	02/300094	To E47782	*Drain Tap	....		1		
27	AMK1358	....	Shim	....	1	1		

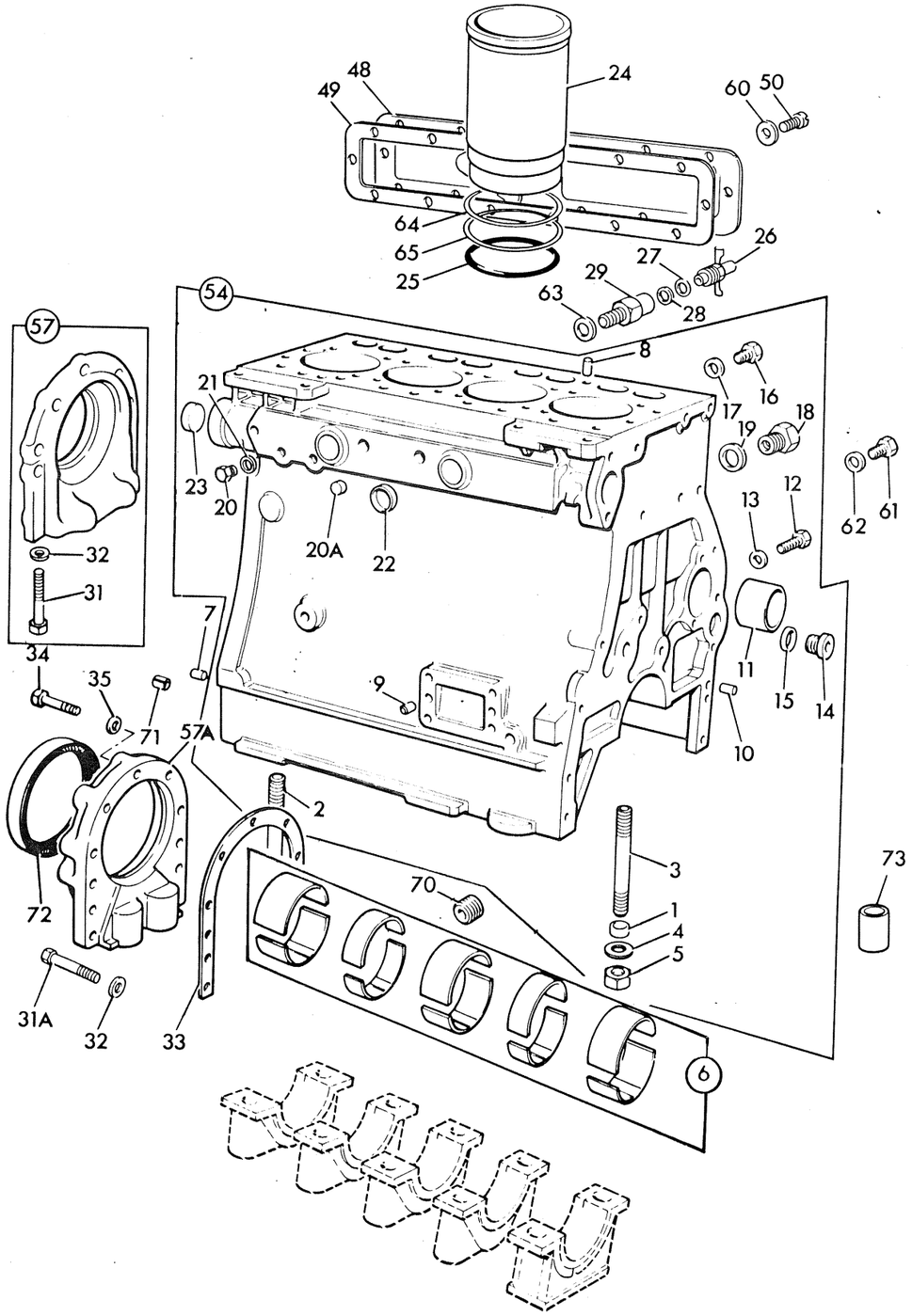
EA 2 CYLINDER BLOCK



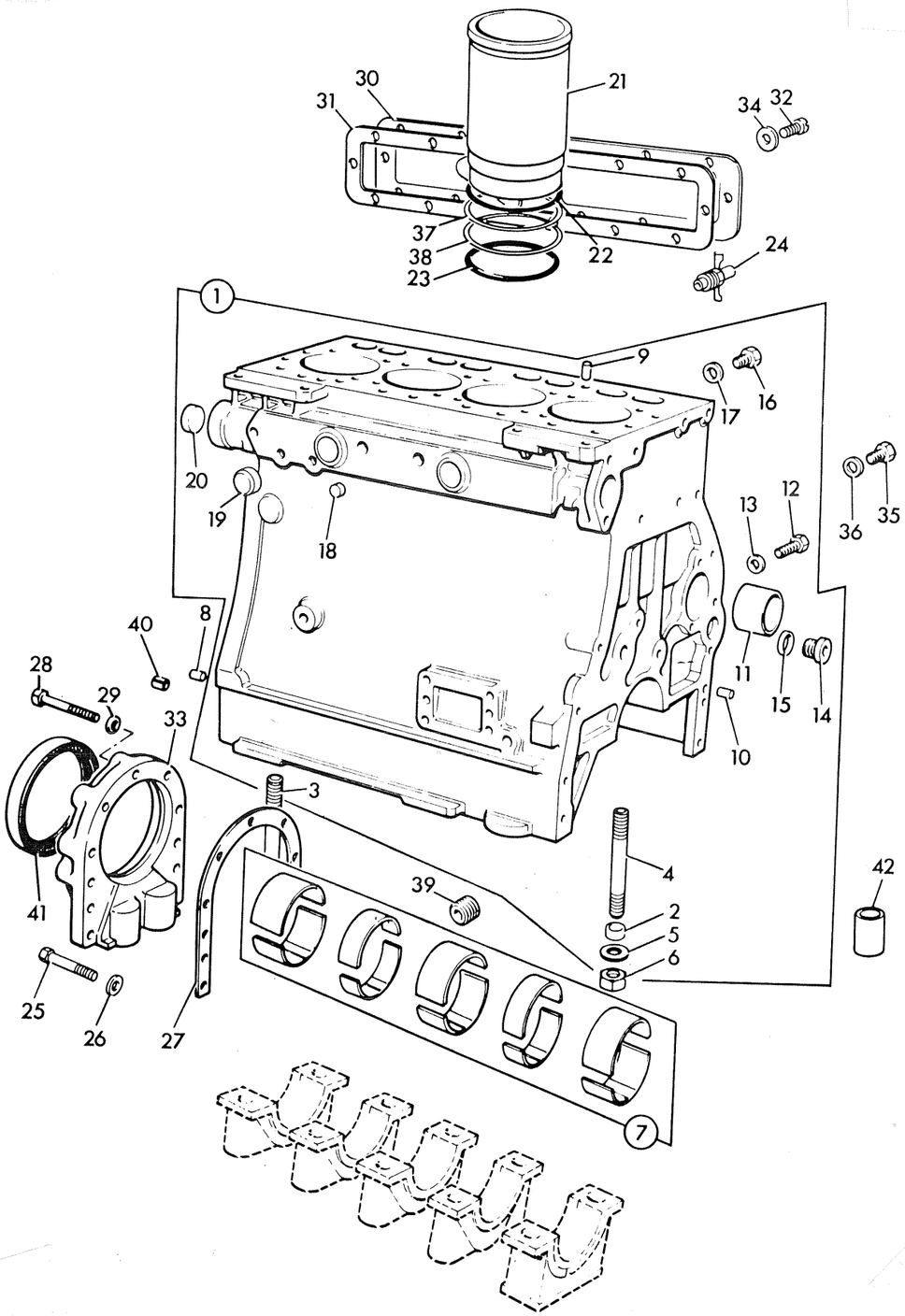
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
28	AMK1359	....	Washer	2	2		
29	AMK1337	....	Adapter	1			
31	HBN522	Superseded	Bolt	2			
	HBZ522	Superseded					
	1305/3120						
31A	HBN0412	Superseded	Bolt		2		
	1305/3010						
32	LWN305	Superseded	Washer	2	2		
	1416/0005						
33	813/00193	....	*Gasket	1	1		
34	HNS407	Superseded	Bolt	9	9		
	HZS407	Superseded					
	1305/0005						
35	LWN304	Superseded	Washer	9	9		
	1416/0004						
48	AMK90	....	Tappet Cover	1			
	02/300045	....	*Tappet Cover		1		
49	813/00203	....	*Gasket	1	1		
50	13H2102	Superseded	Screw	15	15		
	1305/0002						
57	AMK2532	....	Cover	1			
57A	37D531	Superseded	*Cover		1		
	86K1953						
60	823/00217	....	*Washer	15	15		
61	816/80014	....	*Plug	1			
	816/80015	....	*Plug		1		
62	823/00210	....	*Washer	1			
	823/00211	....	*Washer		1		
63	ARH517	....	Washer	1			
64	AMK1970	To E49184	Shim-Cyl. Liner 0.003in(0.076mm)	A/R			
	89J88	From E21241 Superseded	Shim-Cyl. Liner 0.003.(0.076mm)	A/R			
	988/00057						
65	AMK1971	To E49184	Shim-Cyl. Liner 0.005in.(0.127mm)	A/R			
	02/300102	From E21241	*Shim-Cyl. Liner 0.004in.(0.102mm)	A/R	A/R		
	02/300103	From E21241	*Shim-Cyl. Liner 0.005in.(0.127mm)	A/R	A/R		

EA 2 CYLINDER BLOCK

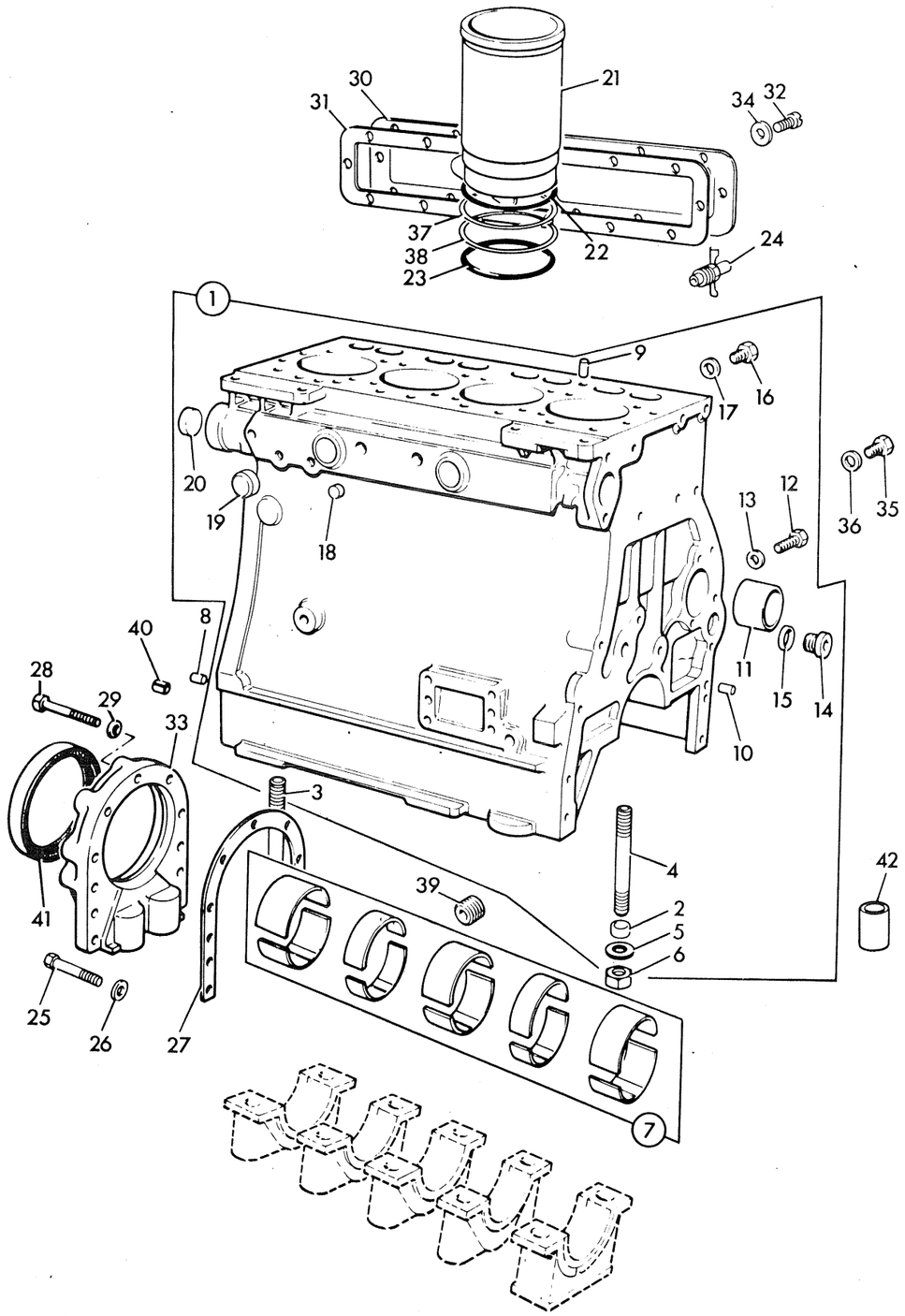
110M **ISSUE** 2*



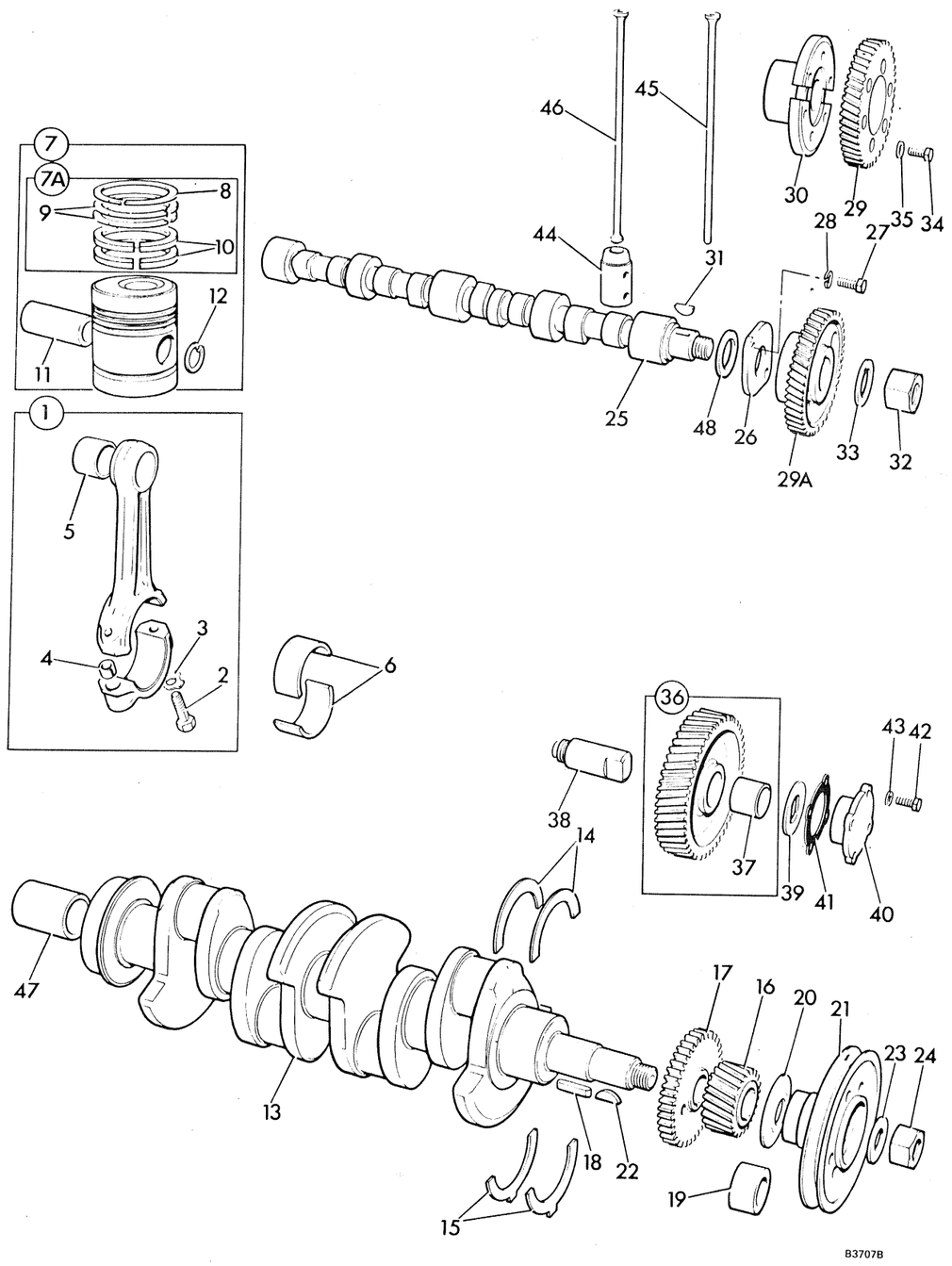
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
70	816/80016	....	*Plug	1	1		
71	AEA557 RPS1222 2102/0616	Superseded Superseded	Roll Pin		2		
72	813/00222	....	*Lip Seal		1		
73	86K98	E 44287 on	Spacer-Centre Main Bearing Studs Fitted to engine without balancer		2		



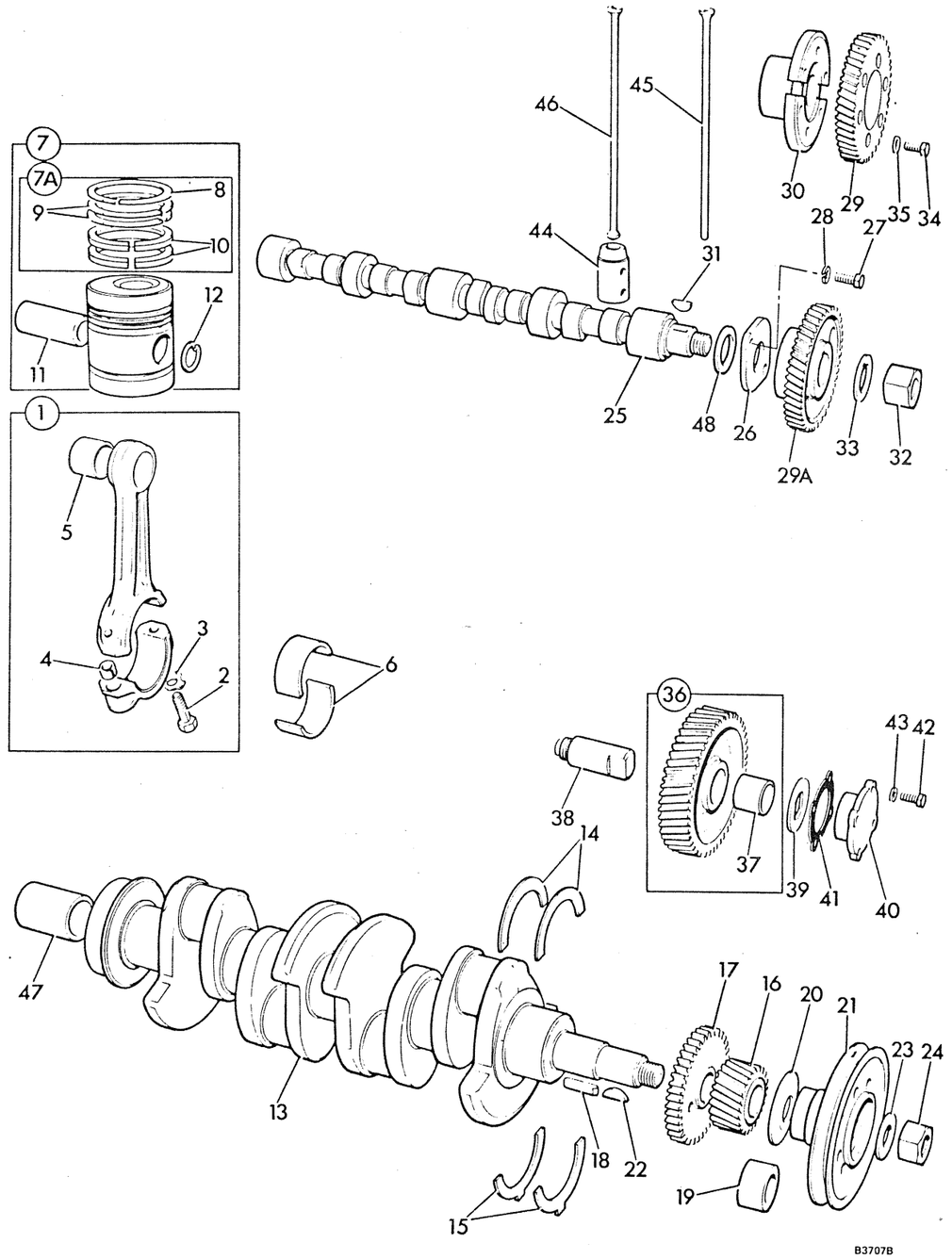
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	86K935	....	Cylinder Block				1
	86K1083	....	Cylinder Block			1	
2	02/300201	....	*Dowel-Hollow Main Bearing Cap to Oil Pump			2	2
3	37D528	....	:Stud-Short			6	6
4	37D527	....	:Stud-Long			2	2
	37D3449	....	:Stud-Centre			2	2
5	37D91	....	:Washer			10	10
6	88G590	....	:Nut			10	10
7	02/392008	....	*:Main Bearing STD			1 set	1 set
	02/392009	....	*:Main Bearing .015in.(.38mm) U/S			1 set	1 set
	02/392010	....	*:Main Bearing .030in.(.762mm)U/S			1 set	1 set
	02/392011	....	*:Main Bearing .045in.(1.43mm) U/S			1 set	1 set
8	AMK1017	....	:Dowel			3	3
9	02/394009	....	*:Roll Pin			2	2
10	02/394005	....	*:Dowel			3	3
11	02/392001	....	*:Bush			1	1
12	826/00582	....	*:Screw			1	1
13	ATJ2035 ZHM1011	Superseded	:Washer			1	1
14	816/80013	....	*:Plug			2	2
15	823/00209	....	*:Washer			2	2
16	816/80014	....	*:Plug			2	2
17	823/00210	....	*:Washer			2	2
18	835/10020	....	*:Core Plug 5/8in.(15.875mm)			4	4
19	835/10021	....	*:Plug 1in. (25.4mm)			2	2
20	835/10022	....	*:Core Plug 1 1/2in.(38.1mm)			1	1
21	86K937 988/00046	Superseded	Cylinder Liner			4	4
22	86K938 988/00071	Superseded	Sealing Ring-Top			4	4
23	86K939 988/00070	Superseded	Sealing Ring-Bottom			4	4
24	02/300094	....	*Drain Tap			1	1
25	1305/3010	....	Bolt			7	7
26	1416/0005	....	Washer			7	7
27	AMK63 988/00118	Superseded	Gasket			1	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
28	1305/0005	....	Bolt			2	2
29	1416/0004	....	Washer			2	2
30	02/300045	....	*Tappet Cover			1	1
31	37D335 988/00124	Superseded	*Gasket			1	1
32	13H2102 1305/0002	Superseded	Screw			15	15
33	37D531 86K1953	Superseded	*Housing			1	1
34	823/00217	....	*Washer			15	15
35	816/80015	....	*Plug			1	1
36	823/00211	....	*Washer			1	1
37	02/300102	....	*Shim-Cylinder Liner 0.004in. (.102mm)			A/R	A/R
38	02/300103	....	*Shim-Cylinder Liner 0.005in. (.127mm)			A/R	A/R
39	816/80016	....	*Plug			1	1
40	RPS1222 2102/0616	Superseded	Roll Pin			2	2
41	813/00222	....	*Oil Seal			1	1
42	86K98	....	Spacer				2



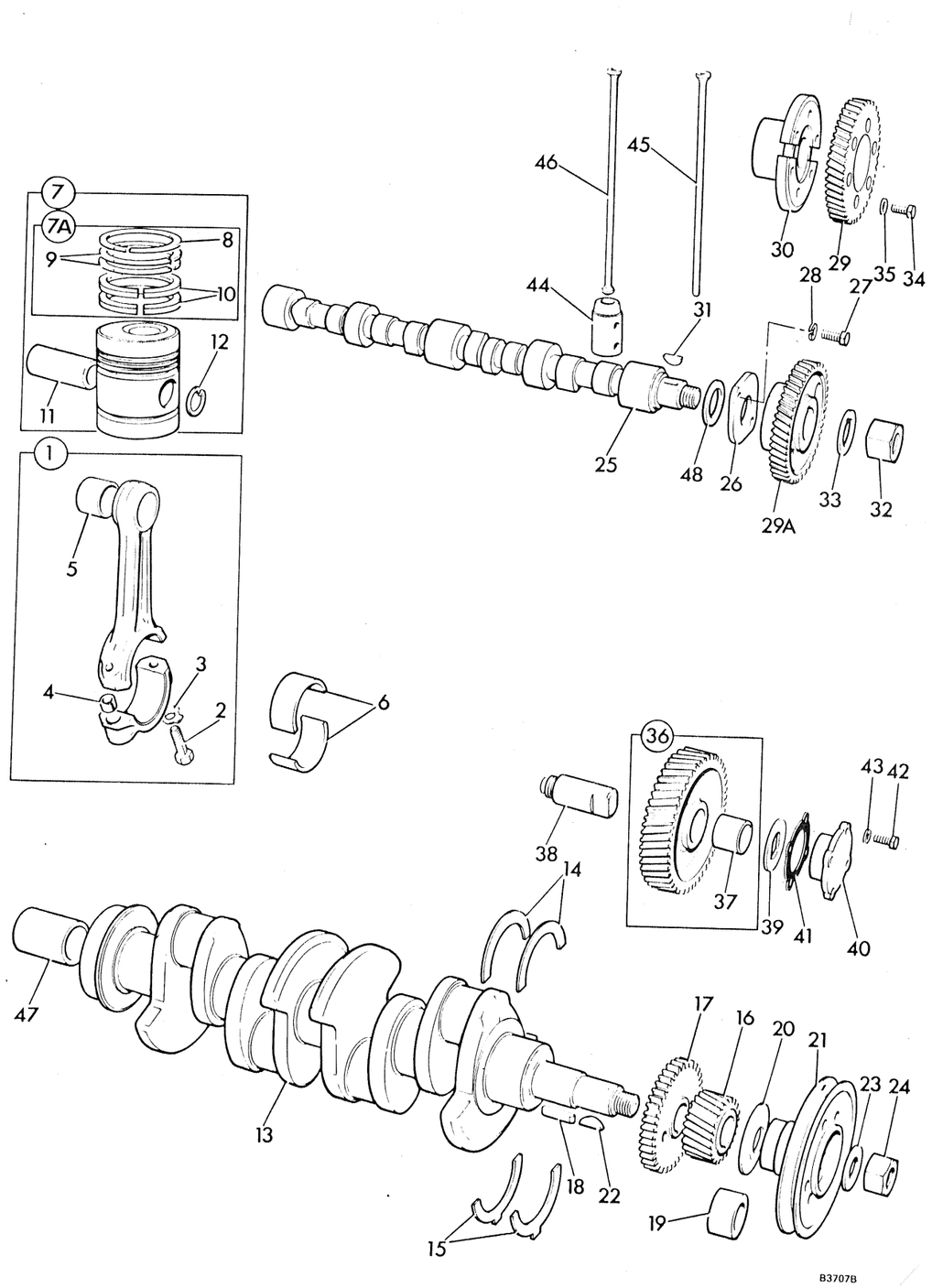
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	37D48 37D3365	Superseded	Connecting Rod	4			
	37D539 37D3176 86K1093	E32022 Superseded	Connecting Rod 37D539 N/A Use 86K1093 in set of 4		4		
2	CMK1140	....	:Bolt	2			
	CMK1140 02/300401	E32022	*:Bolt		2		
3	AEB163	....	:Tab Washer	2	2		
4	02/394006	....	*:Dowel	2	2		
5	BMK635 37D3037 988/00105	Superseded Superseded	:Bush	1	1		
6	8G2370	....	Big End Bearing-STD	1 set			
	02/392003	....	*Big End Bearing-STD		1 set		
	8G2370/15	....	Big End Bearing .015in(.381mm)U/S	1 set			
	02/392004	....	*Big End Bearing.015in.(.381mm)U/S	1 set			
	8G2370/30	....	Big End Bearing.030in.(.762mm)U/S	1 set			
	02/392005	....	*Big End Bearing.030in.(.762mm)U/S		1 set		
	8G2370/45	....	Big End Bearing.045in.(1.43mm)U/S	1 set			
	02/392006	....	*Big End Bearing.045in.(1.43mm)U/S		1 set		
7	CMK389 37D426 988/00097	To E49184 Superseded	Piston Assembly	4			
	37D426 86K820 988/00098	To E25263 Superseded	Pinion Assembly		4		
	37D426/20	....	Piston Assembly.020in.(.508mm)O/S	4			
	37D426/20 37D3106/20	To E25263	Piston Assembly .020in(.508mm)O/S		4		
7A	AHM9024 AHM9025	To E49184	Piston Ring Kit-STD	1			
	AHM9025 AHM9045	To E25263	:Piston Ring Kit-STD		1		



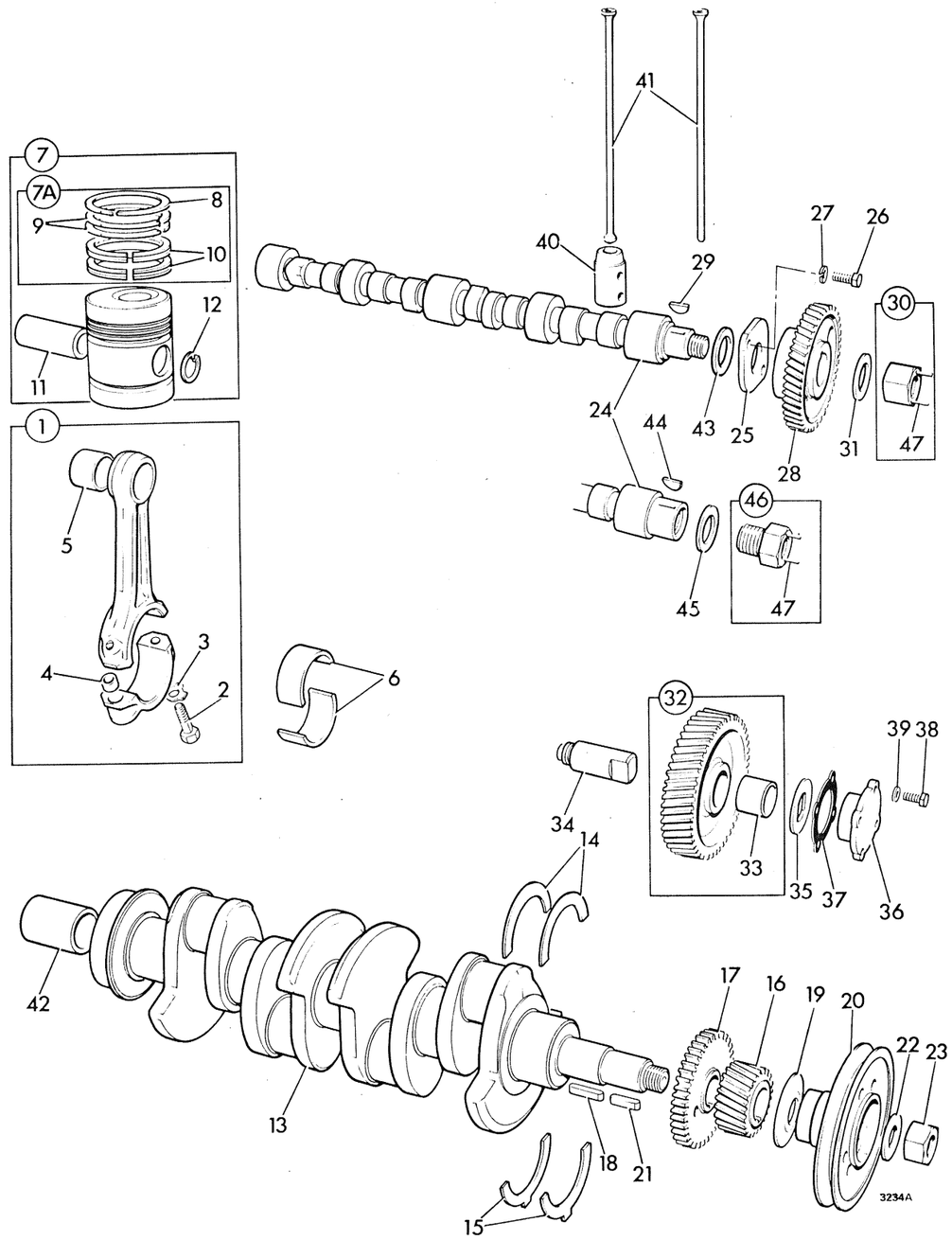
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
8	N.S.P.	....	::Piston Ring Compression-STD Was CMK196 & 86K822	1	1		
	N.S.P.	....	::Piston Ring Compression .020in. (.508mm)O/S Was CMK196/20	1	1		
9	N.S.P.	....	::Piston Ring Compression-STD (Tapered) Was CMK198	2	2		
	N.S.P.	....	::Piston Ring Compression .020in. (.508mm) O/S Was CMK198/20	2	2		
10	N.S.P.	....	:Piston Ring Scraper .... Was CMK197	2			
	N.S.P.	....	:Piston Ring Scraper .... Was 37D446 & 86K809	2	2		
	N.S.P.	....	:Piston Ring Scraper.020in. (.508mm) O/S Was 37D446/20	2	2		
11	CMK237	....	:Gudgeon Pin	1	1		
12	CCN222	....	:Clip	2	2		
13	37D453 88G413	Superseded	Crankshaft	1			
	37D812	....	Crankshaft		1		
14	37D155	....	Thrust Washer-Upper	2			
	02/300115	....	*Thrust Washer-Upper		2		
15	37D154	....	Thrust Washer-Lower	2			
	02/300116	....	*Thrust Washer-Lower		2		
16	02/390002	....	*Pinion	1	1		
17	02/390001	....	*Driving Gear	1	1		
18	02/394001	....	*Key	1	1		
19	CMK120	....	Distance Piece	1			
20	02/300001	....	*Oil Thrower	1	1		
21	AMK1352 37D454 988/00152	Superseded Superseded	Pulley	1			
	37D2100 37D454 988/00152	To E11974 Superseded	Pulley		1		
22	02/394001	....	*Key	1	1		
23	AMK724	....	Tab Washer	1			
	02/300095	....	*Tab Washer		1		
24	FNN116 1340/0901	Superseded	Nut	1	1		

EA 4 CRANKSHAFT & PISTON CAMSHAFT

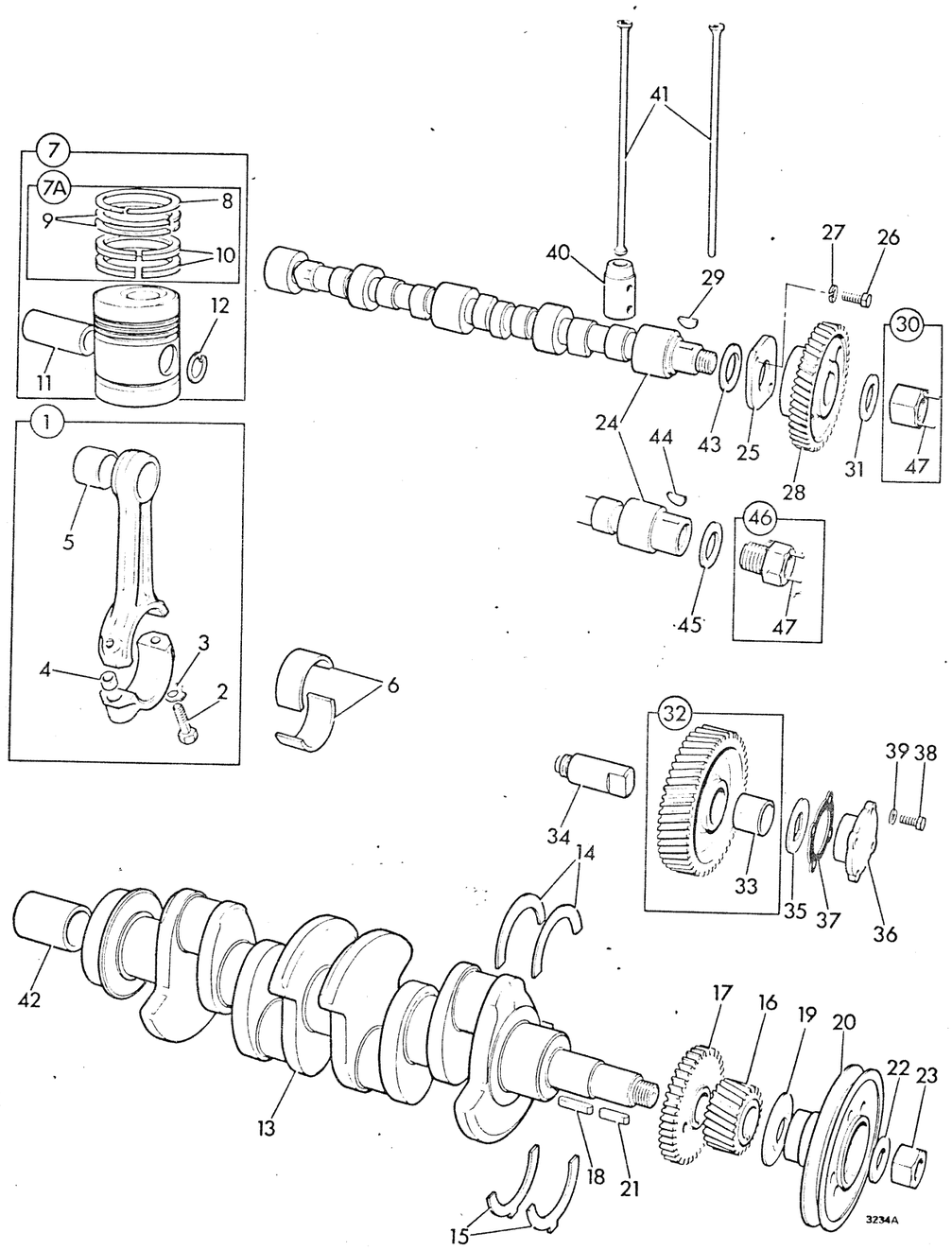
110M **ISSUE** 2*



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
25	AMK2850 37D813 02/300041	Superseded See Remarks	*Camshaft	37D813 N/A Use 86K542 with 86K1504 86K1228 & 86K1505	1	1		
26	02/300004	....	*Plate	....	1	1		
27	HNS0507 1305/0105	Superseded	Bolt	....	2	2		
28	LWN305 1416/0006	Superseded	Washer	....	2	2		
29	CMK184	To E85792	Gear	....	1			
29A	02/390003	....	*Hub & Gear	....	1	1		
30	AMK98	To E85792	Gear Hub	....	1			
31	WKN809	....	Key	....	1	1		
32	FNN214 1340/0801	Superseded	Nut	....	1	1		
33	AMK112	....	Tab Washer	....	1	1		
34	AMK732	To E85792	Bolt	....	6			
35	1411/0002	To E85792	*Washer	....	6			
36	02/390004	....	*Idler Gear	....	1	1		
37	02/392013	....	*:Bush	....	1	1		
38	02/300007	....	*Shaft	....	1	1		
39	02/300008	....	*Thrust Washer	....	1	1		
40	02/300009	....	*Bearing	....	1	1		
41	813/00198	....	*Gasket	....	1	1		
42	HNS0507 1305/0105	Superseded	Bolt	....	4	4		
43	LWN304 1416/0004	Superseded	Washer	....	4	4		
44	02/300039	....	*Tappet Valve	Alternatives	8	8		
	990/00057	....	Tappet Valve		8	8		
45	N.S.P.	....	*Push Rod-Tubular Was AMK85	Alternatives Use in Set	8	8		
46	02/300040	....	*Push Rod-Solid	only	8	8		
47	02/392007	....	*Bush	....	1	1		
48	CMK496	....	Thrust Washer	....	1			
	CMK496 02/300003	To E51654	*Thrust Washer	....		1		



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	86K1093	....	Connecting Rod			4	4
2	02/300401	....	*:Bolt			2	2
3	AEB163	....	:Tab Washer			2	2
4	02/394006	....	*:Dowel			2	2
5	37D3037 988/00105	Superseded	:Bush			1	1
6	02/392003	....	*Big End Bearing STD			1 set	1 set
	02/392004	....	*Big End Bearing 0.15in(.381mm)U/S			1 set	1 set
	02/392005	....	*Big End Bearing.030in(.762mm)U/S			1 set	1 set
	02/392006	....	*Big End Bearing.45in(1.43mm)U/S			1 set	1 set
7	86K949 988/00100 86K1259 988/00101	Superseded To E473 Superseded	Piston-4 ring .... Piston-5 Ring			4	4
7A	AHM9013 AHM9014 988/00102	To E473 Superseded	:Piston Ring Kit-4 Rings :Piston Ring Kit-5 Rings			1 1	1 1
8	N.S.P.	....	::Piston Ring-Compression STD Was 86K952			1	1
9	N.S.P.	....	::Piston Ring-Tapered Was 86K953			2	2
10	N.S.P.	....	::Piston Ring Scraper Was 86K954			1	1
	N.S.P.	E474on....	::Piston Ring Scraper Was 86K1260			1	1
11	86K951	....	:Gudgeon Pin			1	1
12	CCN222	....	:Clip-Was 2203/1039			2	2
13	02/300106	....	*Crankshaft			1	1
14	02/300115	....	*Thrust Washer-Upper			2	2
15	02/300116	....	*Thrust Washer-Lower			2	2
16	02/390002	....	*Pinion			1	1
17	37D3472 988/00139	Superseded	*Driving Gear			1	1
18	02/394001	....	*Key			1	1
19	02/300001	....	*Oil Thrower			1	1
20	37D454 988/00152	Superseded	*Pulley			1	1
21	02/394001	....	*Key			1	1
22	02/300095	....	*Tab Washer			1	1
23	1340/0901	....	Nut			1	1



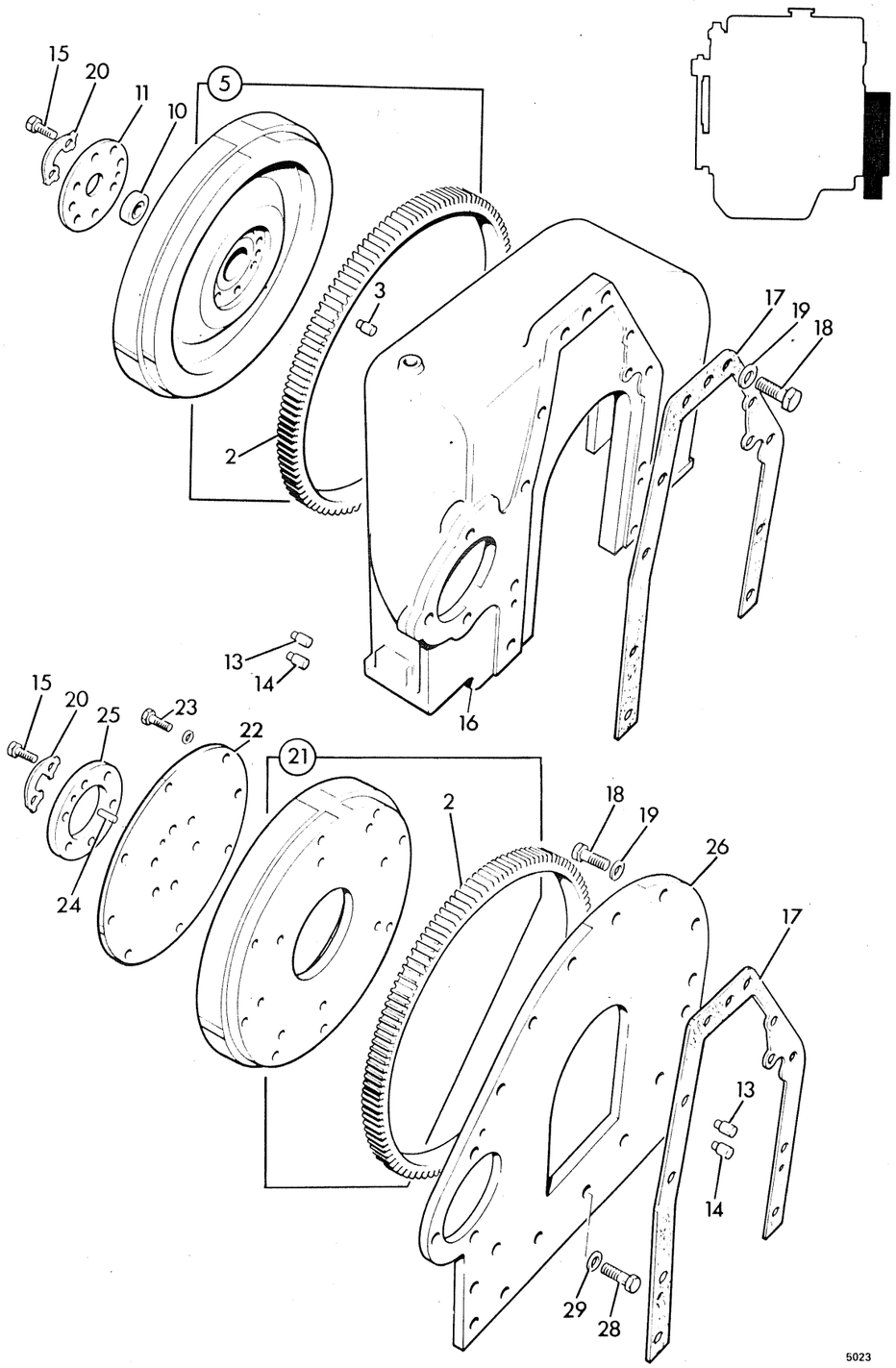
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
24	37D813 02/300041	To E36424	*Camshaft	37D813 N/A Use 86K542 with 86K1504, 86K1228 & 86K1505			1	1
25	92/300004	....	*Plate	....			1	1
26	1305/0105	....	Bolt	....			2	2
27	1416/0006	....	Washer	....			2	2
28	02/390003	....	*Hub & Gear	....			1	1
29	WKN809		Key	....			1	1
30	86K457	ToE36424	Nut	....			1	1
31	AMK112		Tab Washer	....			1	1
32	02/390004	....	*Idler Gear	....			1	1
33	02/392013	....	*:Bush	....			1	1
34	02/300007	....	*Shaft	....			1	1
35	02/300008	....	*Thrust Washer	....			1	1
36	02/300009	....	*Bearing	....			1	1
37	813/00198	....	*Gasket	....			1	1
38	1305/0105	....	Bolt	....			1	1
39	1416/0004	....	Washer	....			4	4
40	02/300039	....	*Tappet Valve				8	8
41	N.S.P.	....	*Push Rod-Tubular				8	8
				Alternatives				
	02/300040	....	*Push Rod-Solid				8	8
42	02/392007	....	*Bush	....			1	1
43	02/300003	....	*Thrust Washer	....			1	1
44	02/394002		*Key	....			1	1
45	02/300006	E36425on	*Washer	....			1	1
46	02/300005		*Bolt	....			1	1
47	2102/0305	....	:Tension Pin	....			2	2

ISSUE 1*

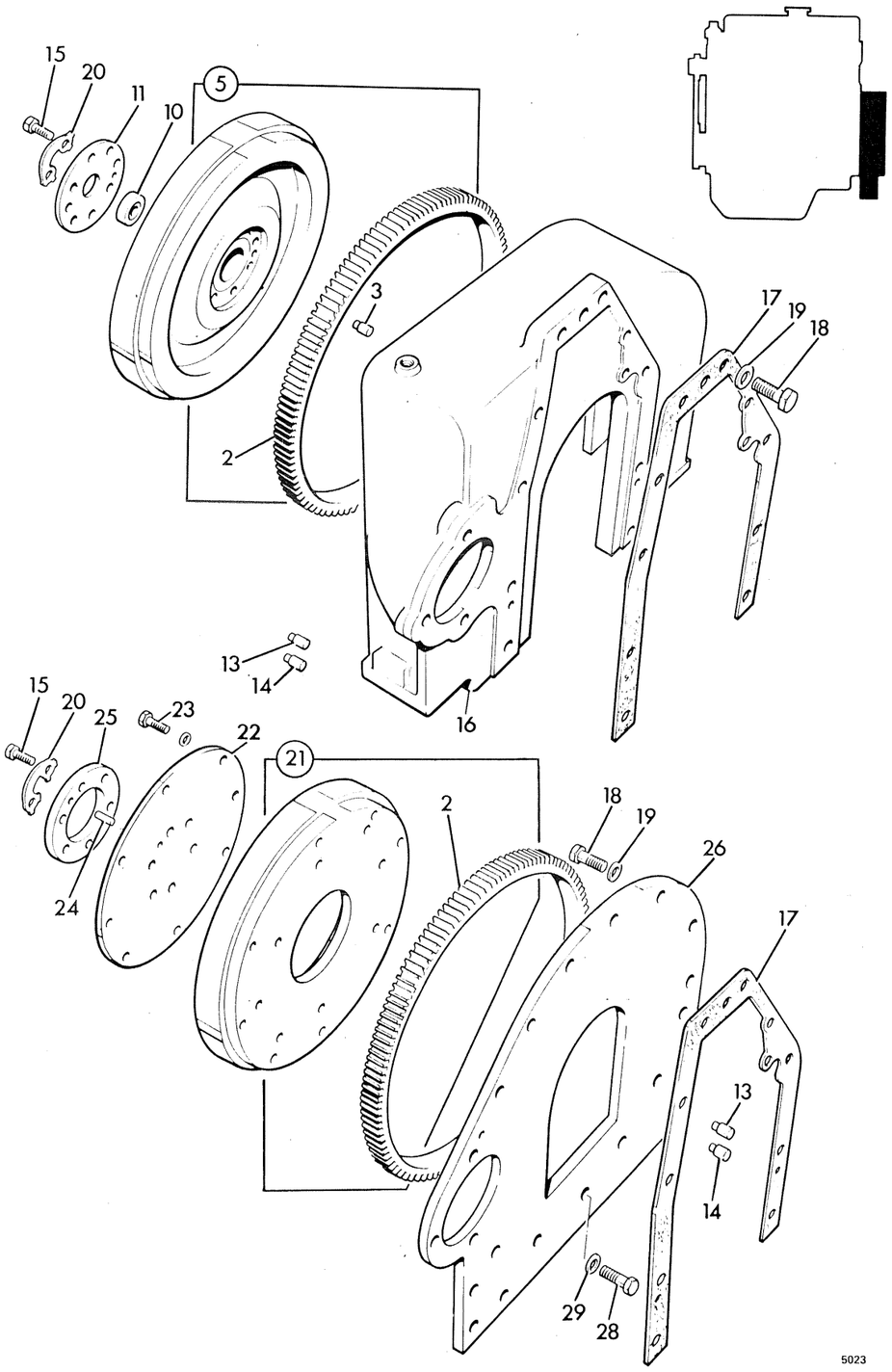
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Pages EA6 to EA12

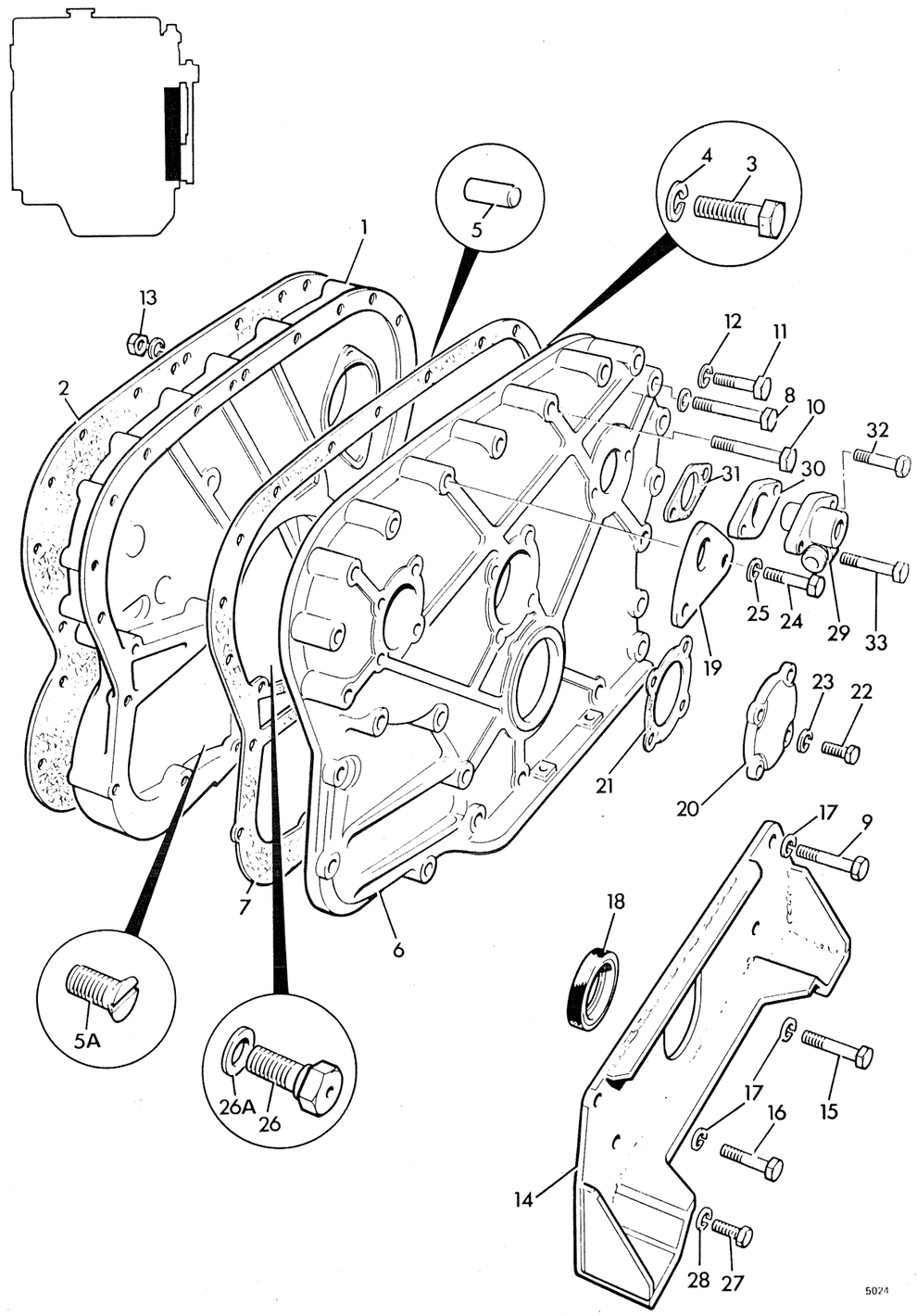
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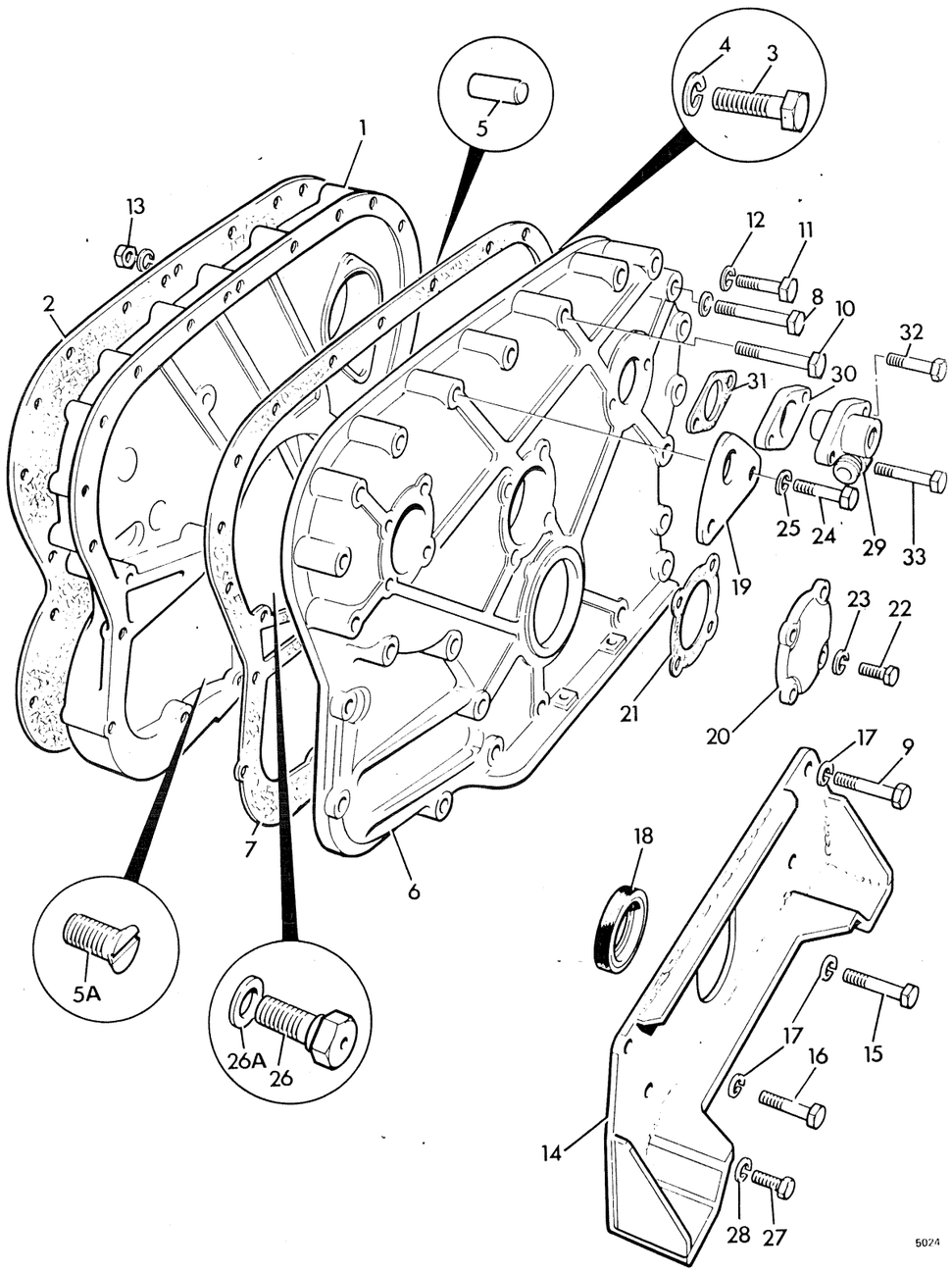
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
5	CMK1565	....	Flywheel	1			1
	37D2421 37D2815	Superseded	Flywheel		1		1
	86K1215 96K210 86K1374 96K217	Superseded To E7442 Superseded	Flywheel			1	
	37D2955 Item 21	Superseded	Drive Plate-Torque Converter	1	1		
2	AMK1261	....	:Starter Ring	1			1
	CMK181	....	:Starter Ring		1	1	1
3	AMK1041	....	:Dowel	2	2	2	
	AMK901	E7443 on	:Dowel			1	
	CMK182		:Dowel			1	
10	BMK411 13H4897 83H406 83H534 88G622 988/00042	Superseded Superseded Superseded Superseded Superseded	Bearing	1	1	1	1
11	AMK2721	....	Plate	1	1	1	1
13	CMK1457 988/00052	Superseded	Dowel	1	1	1	1
14	CMK1458	....	Dowel	1	1	1	1
15	AMK29 37D418	Superseded	Bolt	4	6	6	6
16	AMK2614 8G2498	Superseded	Housing	1			1
	37D2093	....	Housing		1	1	1
17	AMK392 988/00122	Superseded	Gasket	1	1	1	1
18	HNS0709 1305/0307	Superseded	Bolt	11	11	11	11
19	LWN307 1416/0007	Superseded	Washer	11	11	11	11
20	37D417 988/00055	Superseded	Tab Washer	3	3	3	3
21	446/19303	....	Drive Plate	1	1	1	1
22	446/19305	....	Disc	1	1	1	1
23	1305/0204	....	Bolt Torque Converter	8	8	8	8
	1418/0012	....	Washer	8	8	8	8
24	2102/1113	....	Dowel	1	1	1	1



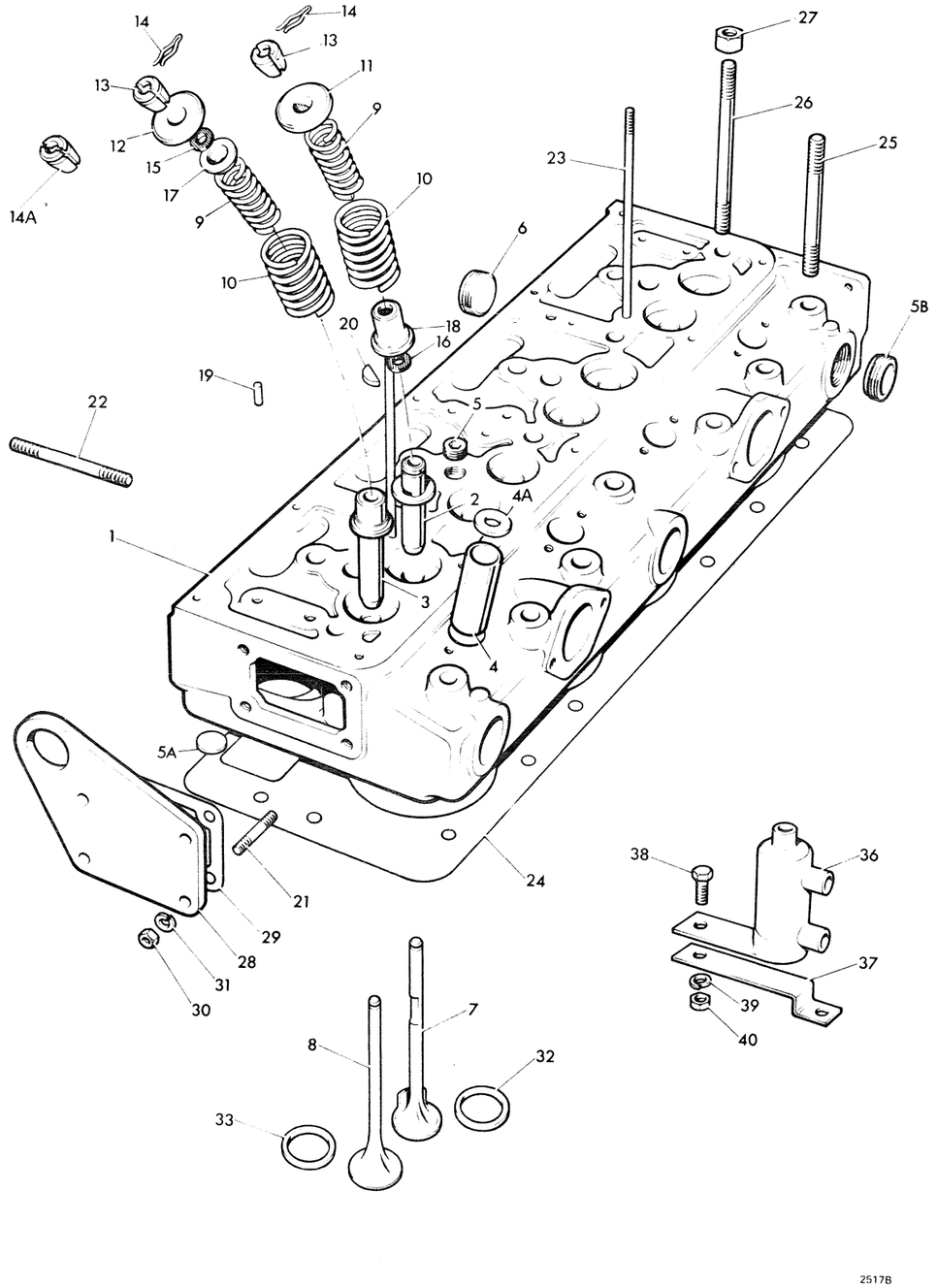
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
25	446/19315	....	Clamping Ring		1	1	1	1
26	37D3043 446/19317	Superseded	Sandwich Plate		1	1	1	1
27	HNS0709 1305/0307	Superseded	Bolt	Torque Converter	3	3	3	3
28	HNS0710 1305/0308	Superseded	Bolt		6	6	6	6
29	LWN307 1416/0007	Superseded	Washer		9	9	9	9



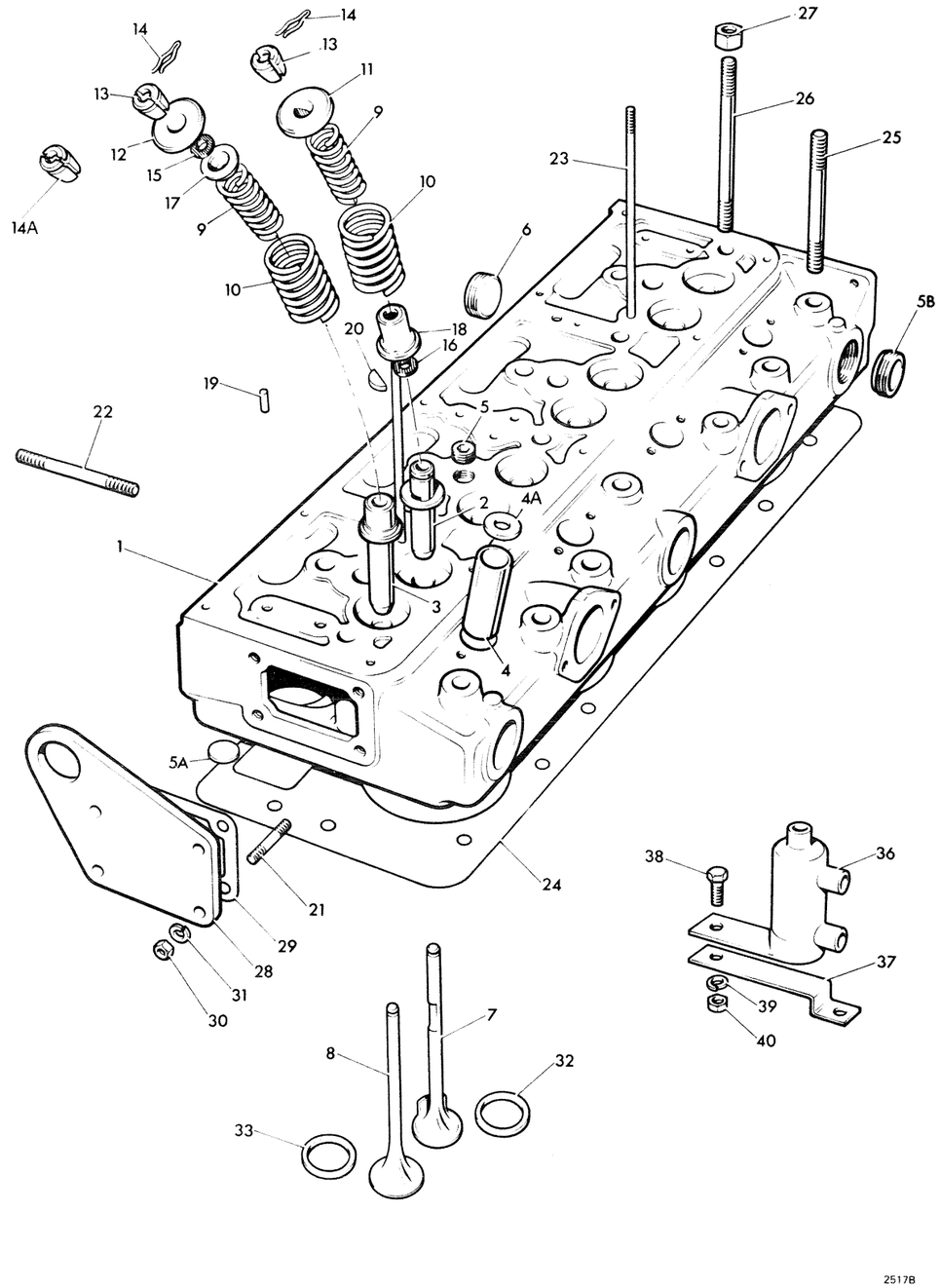
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	CMK171 86K138	Superseded	*Timing Case-Rear Half	1			
	37D2411	To T98999	Timing Case-Rear Half		1		
	37D2116	T99001 on	Timing Case-Rear Half		1		
2	CMK170 86K417 988/00120	Superseded Superseded	Gasket	1	1	1	1
3	HNS508 HZS508 1305/0106	Superseded Superseded	Bolt	1	1	1	1
4	LWN305 1416/0005	Superseded	Washer	4	4	4	4
5	02/394007	....	*Dowel	2	2	2	2
5A	826/00583	....	*Screw-Countersunk		2	2	2
6	CMK172	To T98999	Timing Cover-Front Half	1	1		
	02/300109	T99001 on	*Timing Cover-Front Half		1		
	86K1189 86K1551	Superseded	Timing Cover-Front Half			1	1
7	AMK237	To T98999	Gasket	1	1		
	813/00195	....	*Gasket		1	1	1
8	HBN528 1305/3126	Superseded	Bolt	1	1	1	1
9	HBN530 1305/3128	Superseded	Bolt	2	2	2	2
10	HBN528 1305/3126	Superseded	Bolt	2	2	2	2
11	HBN516 1305/3114	Superseded	Bolt	5	5	5	5
12	LWN305 1416/0005	Superseded	Washer	8	8	8	8
13	FNN505 FNZ505 1340/0101	Superseded Superseded	Nut	2	2	2	2
14	CMK482	....	Support	1	1	1	1
15	HBN0530 1305/3128	Superseded	Bolt	5	5	5	5
16	HBN0518 1305/3116	Superseded	Bolt	1	1	1	1
17	LWN305 1416/0005	Superseded	Washer	8	8	8	8



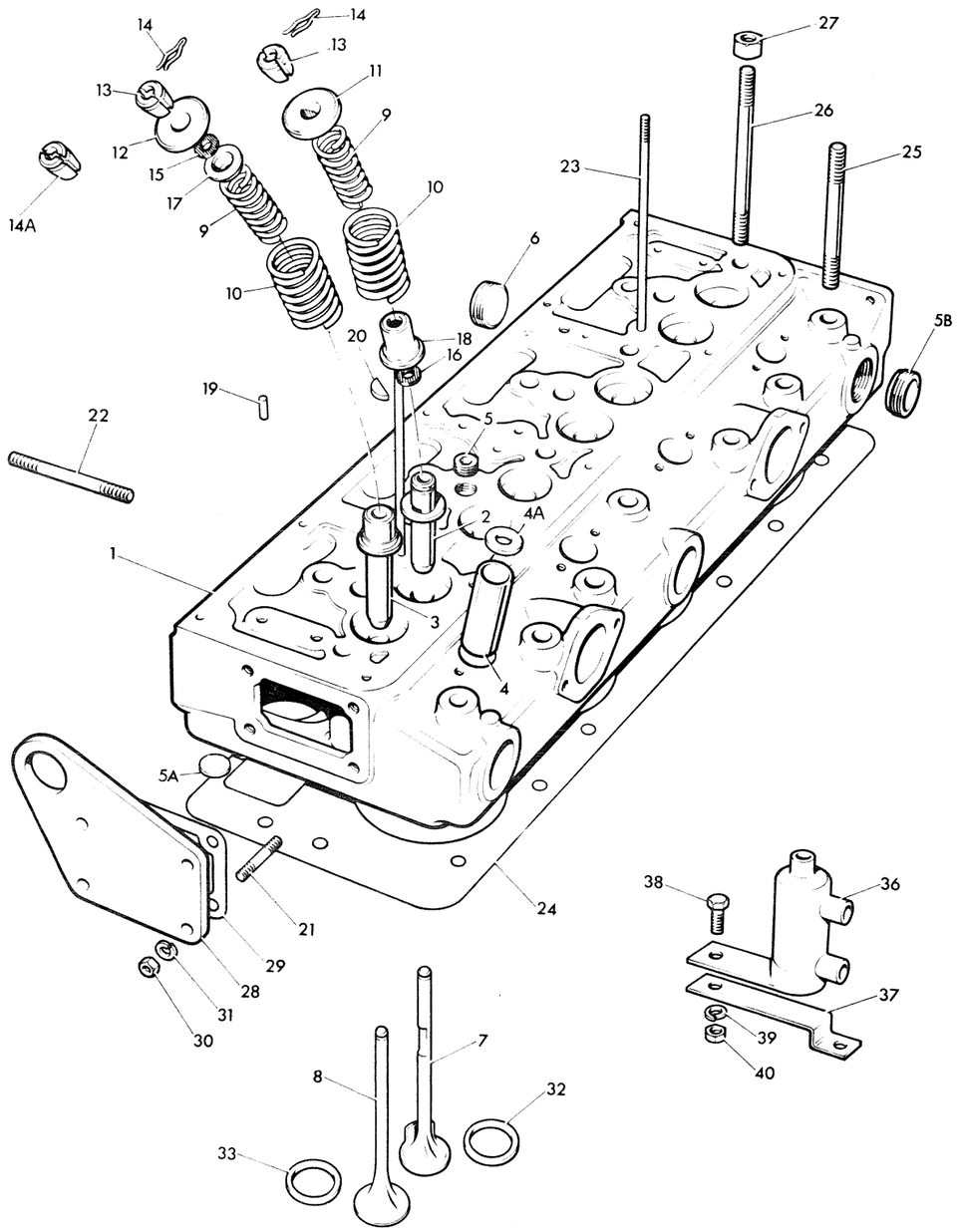
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
18	BMK 991	....	Oil Seal	For use with Pulley AMK 1352	1			
	813/00223	....	*Oil Seal	....	1	1	1	1
19	AMK 538	....	Lifting Plate-Front	....	1	1	1	1
20	02/300111	....	*Plate	....	1	1	1	1
21	AMK 121 988/00113	Superseded	Gasket	....	1	1	1	1
22	HNS0406 SH604061 1305/0004	Superseded Superseded	Screw	....	4	4	4	4
23	LWN304 1416/0004	Superseded	Washer	....	2	2	2	2
24	HBN0518 1305/3116	Superseded	Bolt	....	2	2	2	2
25	LWN305 1416/0005	Superseded	Washer	....	2	2	2	2
26	02/300112	....	*Jet-Oil Feed	....	1	1	1	1
26A	823/00210	....	*Washer	....	1	1	1	1
27	HNS0507	....	Bolt	....	2	2	2	2
28	LWN305 1416/0005	Superseded	Washer	....	2	2	2	2
29	83H112 02/300113	From E7443 To E36424	*Angle Drive Unit	....			1	
30	02/300114	....	*Spacer	....	1			
31	813/00197	E7443 on	*Gasket	....			1	
32	HZS0409 1305/0007	Superseded	Bolt-Short	....			1	
33	1305/0014	....	Bolt-Long	....			1	



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	AMK1638	To E79974	Cylinder Head		1			
	37D1637	To E80180						
	CMK817	Superseded						
	37D2950	Superseded						
	37D3065	See Remarks		37D3065 N/A Use				
	86K1347			86K1347 with				
				83H262 Plug				
	37D3065	Cylinder Head		37D3065 N/A Use		1		
	86K1347	To E44286		86K1347 with				
	37D3480	See Remarks		83H262 Plug.				
	86K1241			37D3480 N/A Use				
				86K1241 with				
				83H262 Plug				
	86K941	Superseded	Cylinder Head				1	1
	86K909							
2	CMK205	Superseded	*:Guide-Inlet Valve		4	4	4	4
	988/00047	Superseded						
	02/300501							
3	02/300502	....	*:Guide-Exhaust Valve		4	4	4	4
4	AMK330	....	:Sleeve		4			
	AMK330	To E5954	:Sleeve	37D2599 N/A Use		4		
	37D2599	See Remarks		86K1098 & 86K1099				
	86K1098	Superseded		....			4	4
	988/00176							
4A	02/300504	....	*:Washer-Sleeve				4	4
5	816/80017	To E80180	*:Plug-Screw 1in.(25.4mm)		13			
	816/80017				10			
	816/80017	To E30256	*:Plug-Screw 1in.(25.4mm)			10		
	816/80017					4	4	4
5A	635/10021	To E40899	*:Core Plug	E20356 on		6		
	635/10021	To E48725				5		
	635/10021					3		
	635/10021	....	*:Core Plug				3	3
5B	CMK826	To E19974	Plug-Screw	1.5/16in.(25.7mm)	2	2	2	2
	835/10023	....	*Coreplug-Dished	1.5/16in.(25.7mm)	2	2	2	2
6	AMK1302	ToE30256	Plug-Screw 3/4in.(0.75mm)			4		
	37D3077	To E44286	Core Plug-Dished					
7	AMK1567	....	Valve-Inlet		4	4		
	02/300015	....	*Valve-Inlet				4	4
8	AMK48	....	Valve-Exhaust		4	4		
	02/300016	....	*Valve-Exhaust				4	4
9	02/300017	....	*Spring-Inner		8	8	8	8

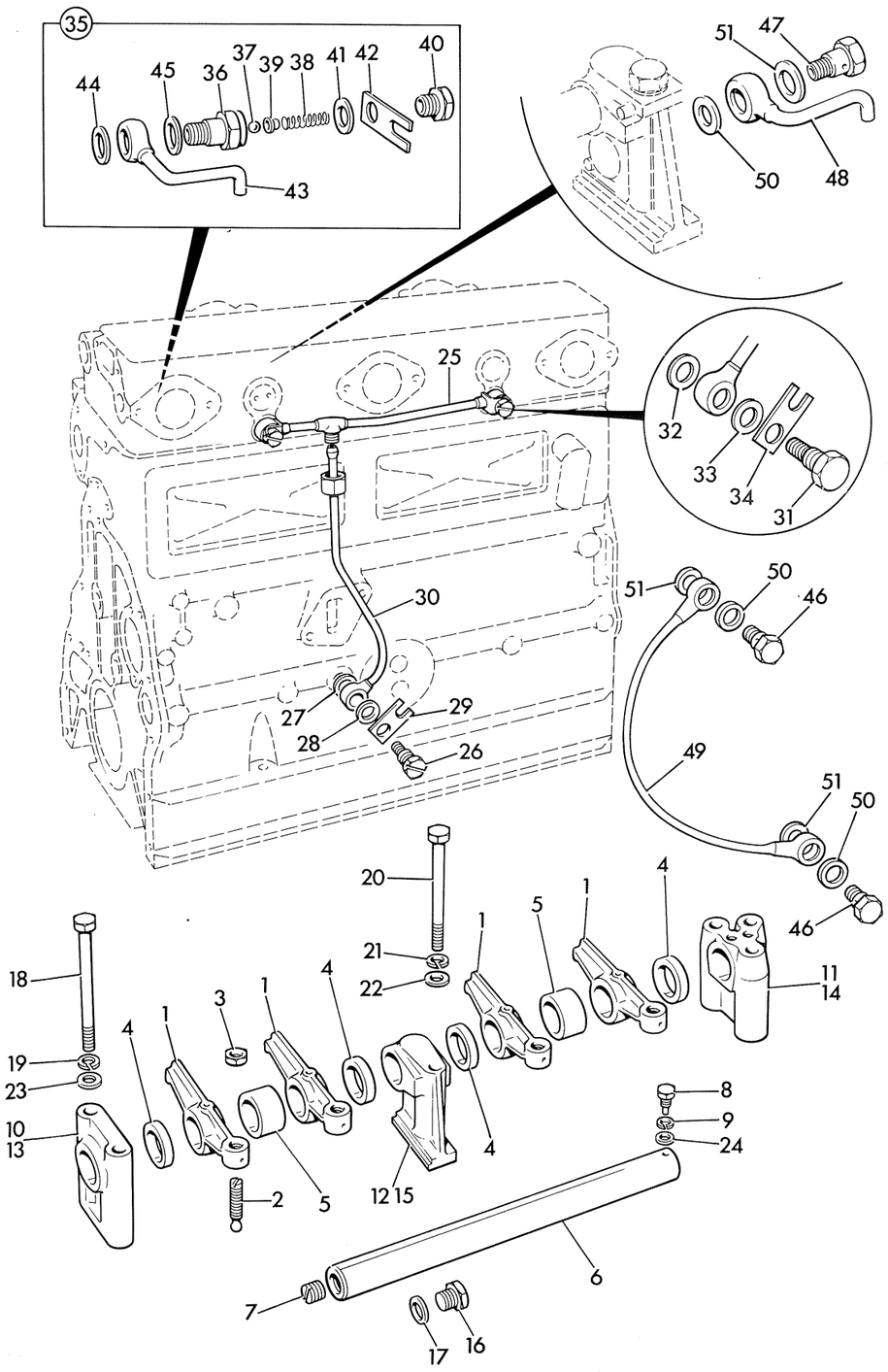


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
10	02/300018	....	*Spring-Outer	8	8	8	8
11	02/300019	....	*Collet Holder-Inlet	4	4	4	4
12	02/300020	....	*Collet Holder-Exhaust	4	4	4	4
13	02/300021	....	*Collet	16	16	16	16
14	02/300022	....	*Spring Clip	8	8	8	8
14A	02/300023	....	*Collet-Alternative to items 13&14	8	8	8	8
15	813/00224	....	*Oil Seal-Exhaust	4	4	4	4
16	813/00225	....	*Oil Seal-Inlet	4	4	4	4
17	02/300024	....	*Retainer-Exhaust	4	4	4	4
18	AMK1569 02/300025	ToE58395	*Thimble-Inlet	4	4	4	4
19	AMK1571 02/394008	ToE58395	*Dowel AMK1569,AMK1571 & AMK1570 N/A Use 37D442 with 37D441 & 37D443	4	4	4	4
20	AMK1570 02/394003	To E58395	*Key	4	4	4	4
21	AMK652	....	Stud	4	4	4	4
22	826/00573	....	*Stud-Short	4	4	4	4
	FNS0510 103/21209	Superseded	Stud-Long	2	2	2	2
23	AMK2903	ToE80180	Stud	2			
24	AMK2213 37D1844 37D2741 37D2932 86K625	Superseded Superseded Superseded Superseded	Gasket-Cylinder Head	1			
	86K625 813/00200	ToE40898	Gasket-Cylinder Head		1	1	1
25	AMK2234	ToE6784	Stud-Short	7			
	AMK2234 37D2465 86K650	ToE6784 ToE43568	Stud-Short			7	7
26	AMK2233	....	Stud-Long	9			
	AMK2233 37D2464 86K649	ToE6784 ToE43568	Stud-Long		9	9	9
	37D1860	....	Washer-Stud	16	16	16	16
27	02/300026	....	*Nut	16	16	16	16
28	02/300027	....	*Plate-Rear	1	1	1	1

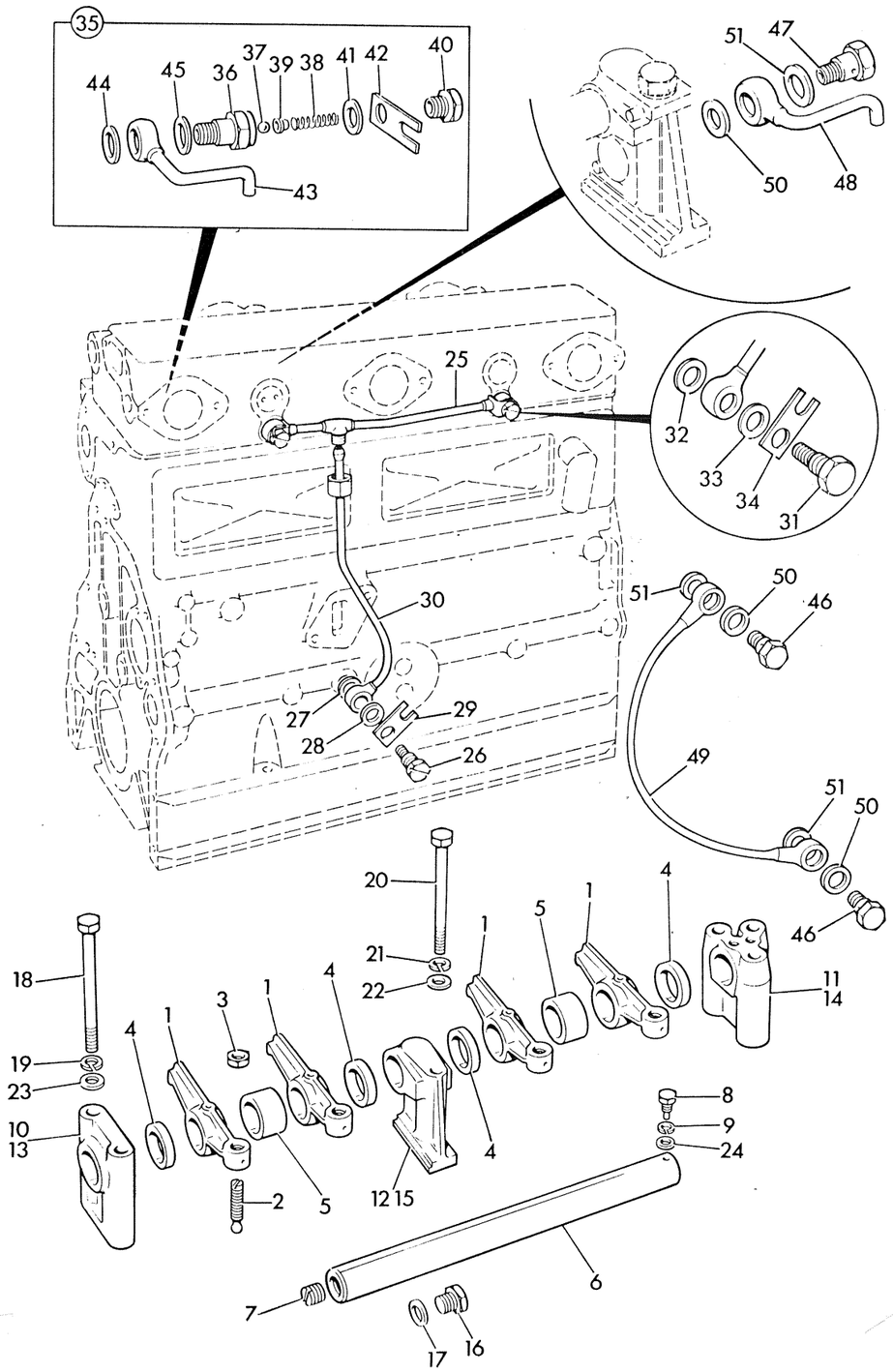


2517B

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
29	813/00201	....	*Gasket	1	1	1	1
30	FNN105 1340/0101	Superseded	Nut	4	4	4	4
31	LWN305 1416/0005	Superseded	Washer	4	4	4	4
32	AED407	....	Insert-Inlet	4	4		
33	AED408	....	Insert-Exhaust	4	4		
	02/300028	....	*Insert-Exhaust			4	4
36	13H3451	....	Tank-Thermostart	1			
38	HNS0607 1305/0205	Superseded	Screw	1			
39	LWN306 1416/0006	Superseded	Washer	1			
40	FNN506 1340/0201	Superseded	Nut	1			
41	86K906	....	'O'Ring			4	4



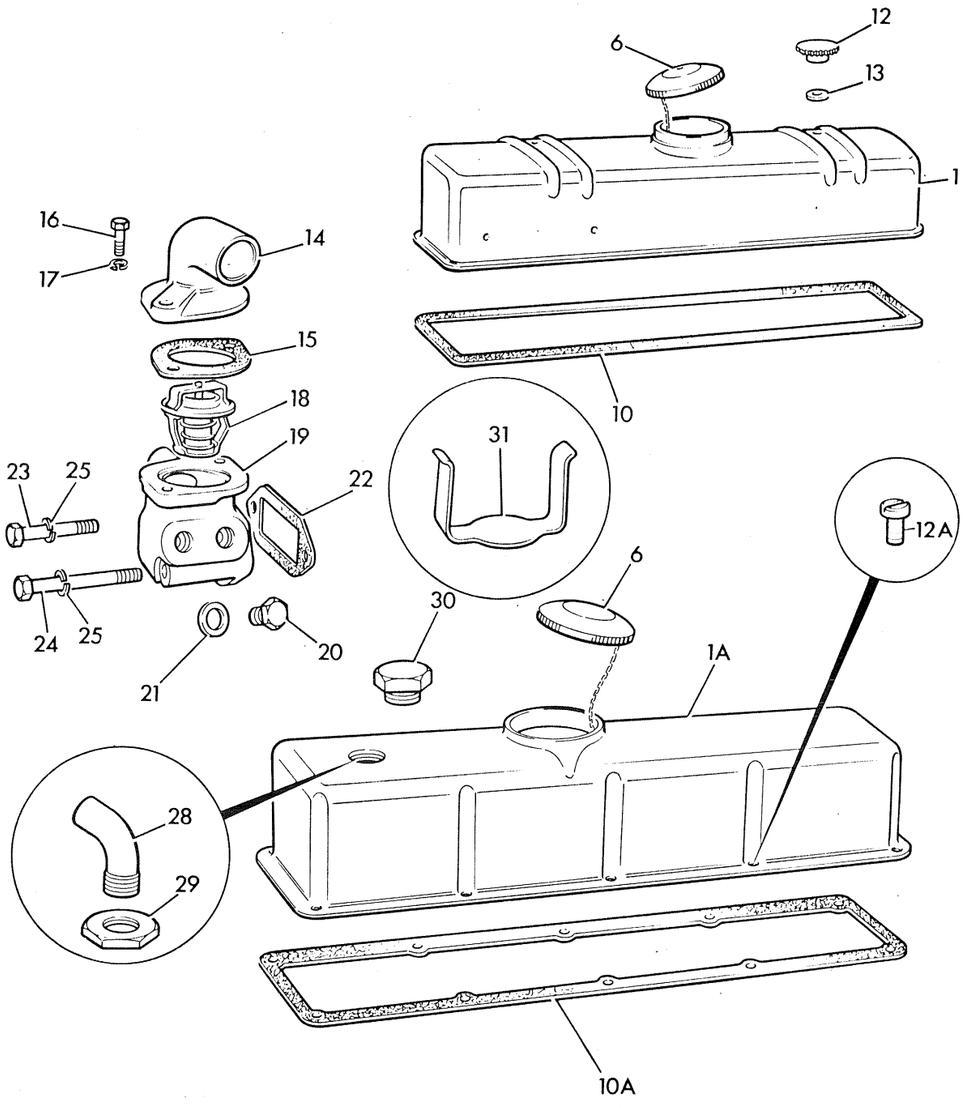
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	02/300030	....	*Valve Rocker		8	8	8	8
2	02/300096	....	*Screw		8	8	8	8
3	826/00587	....	*Locknut		8	8	8	8
4	02/300031	....	*Spacer 1/2in.(6.35mm)		8	8	8	8
5	02/300032	....	*Spacer 13/16in.(20.63mm)		4	4	4	4
6	AMK69 02/300029	To E79974	*Shaft		2			
	02/300029	....	*Shaft			2	2	2
7	816/81007	....	*Plug		2	2	2	2
8	826/00586	....	*Screw		2	2	2	2
9	LWN304 1416/0004	Superseded	Washer		2	2	2	2
10	02/300033	....	*Bracket-Front &Rear-Cast Iron	Alternatives to Aluminium Interchangeable in Sets only.	2	2	2	2
11	02/300035	....	*Bracket-Centre -Cast Iron		1	1	1	1
12	02/300034	....	*Bracket-Intermediate-Cast Iron		2	2	2	2
13	02/300036	....	*Bracket-Front &Rear-Aluminium	Alternatives to Cast Iron. Interchangeable in Sets only.	2	2	2	2
14	02/300038	....	*Bracket-Centre-Aluminium		1	1	1	1
15	02/300037	....	*Bracket-Intermediate-Aluminium		2	2	2	2
16	816/80014	....	*Plug		1	1	1	1
17	823/00210	....	*Washer		1	1	1	1
18	HBN0526 1305/3124	Superseded	Bolt		7	7	7	7
19	LWN305 1416/0005	Superseded	Washer		7	7	7	7
20	HBN0626 1305/3224	Superseded	Bolt		2	2	2	2
21	LWN306 1416/0006	Superseded	Washer		2	2	2	2
22	PWN106 1411/0003	Superseded	Washer			2	2	2
23	PWN105 1411/0002	Superseded	Washer			7	7	7



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
24	PWN104 1411/0001	Superseded	Washer			2	2	2
25	AMK285	....	Pipe		1			
	N.S.P.	....	*Pipe	Was CMK820		1	1	1
26	816/75009	....	*Banjo Bolt		2	2	2	2
27	823/00210	....	*Washer-Small		2	2	2	2
28	823/00214	....	*Washer-Large		2	2	2	2
29	N.S.P.	....	Tab Washer	Was AMK242	2			
30	AMK283 86K1337 86K541	Superseded See Remarks	Pipe	86K1137 N/A Use 86K541 with 1 off AMK 2469	1	1	1	1
30A	AMK2469 86K1337 86K541	Superseded Superseded	Banjo		1	1	1	1
31	816/75009	....	*Banjo Pin		2	2	2	2
32	823/00210	....	*Washer-Small		2	2	2	2
33	823/00214	....	*Washer-Large		2	2	2	2
34	N.S.P.	....	Tab Washer		2	2	2	2
35	AMK483	ToE	Oil Relief Valve		1	1	1	1
36	AMK484	....	:Body		1	1	1	1
37	AMK722	....	:Ball		1	1	1	1
38	AMK485	....	:Spring		1	1	1	1
39	AMK486	....	:Seat		1	1	1	1
40	N.S.P.	....	:Plug	Was AMK487	1	1	1	1
41	AMK488	....	:Washer		1	1	1	1
42	AMK489	....	:Tab Washer		1	1	1	1
43	AMK1366	....	:Overflow Pipe		1	1	1	1
44	823/00210	....	*:Washer-Small		1	1	1	1
45	823/00214	....	*:Washer-Large		1	1	1	1
46	86K1581		Banjo Pin				2	
47	816/75004		*Banjo Pin				1	
48	02/300067		*Pipe				1	
49	86K1576 86K1975	E Superseded	Pipe				1	
50	823/00210		*Washer-Small				1	
51	823/00214		*Washer-Large				1	

EA 10 VALVE ROCKER COVER & THERMOSTAT

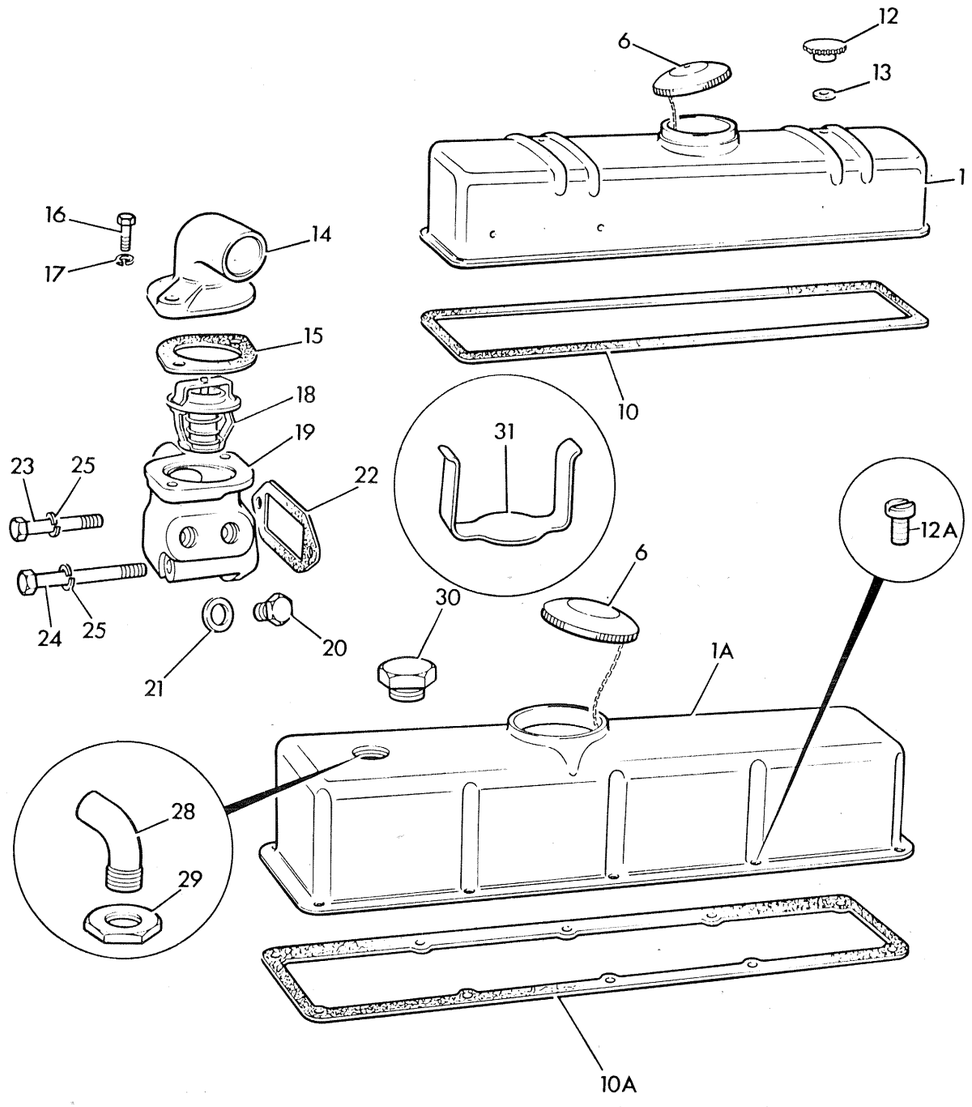
110M **ISSUE** 3*



5025

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	N.S.P.	To E80180	Rocker Cover Was AMK1666	1			
1A	37D1129 96K24	To E	Rocker Cover	1	1	1	1
6	823/00216 12A402	To E	*Filler Cap	1	1	1	1
10	988/00126	To E80180	*Gasket	1			
10A	813/00202	....	*Gasket	1	1	1	1
12	AEB174	To E80180	Hand Nut	2			
12A	826/00584	....	*Screw	10	10	10	10
13	AMK721	To E80180	Washer	2			
14	103/28001 02/300055	To T98999	*Flange	1	1		
15	813/00212	....	*Gasket	1	1	1	1
16	1305/3108 1305/0106	To T98999	Bolt	2	2		
17	1406/0005	....	*Washer	2	2	2	2
18	GTS104	....	*Thermostat	1			
	GTS104 02/300056	To E44286	*Thermostat (82°C)		1		
	02/300056	....	*Thermostat (82°C)			1	1
	GTS102	....	*Thermostat (74°C) Hot Climates	1			
	GTS102 02/300057	To E44286	*Thermostat (74°C) Hot Climates Hot Climates			1	
	GTS106	....	*Thermostat (88°C) Cold Climates	1			
	GTS106 GTS108 GTS108	To E44286	Thermostat (88°C)		1	1	1
19	AMK2986	....	Body	1			
	AMK2986 37D3483	To E44286	Body		1		
	02/300058	....	*Body			1	1
20	AEK122	....	Plug	1			
	AEK122 816/80018	To E44286	*Plug		1	1	1
21	823/00211	....	*Washer	1			
	823/00211 1406/0018	To E44286	*Washer		1		

EA 10 VALVE ROCKER COVER & THERMOSTAT



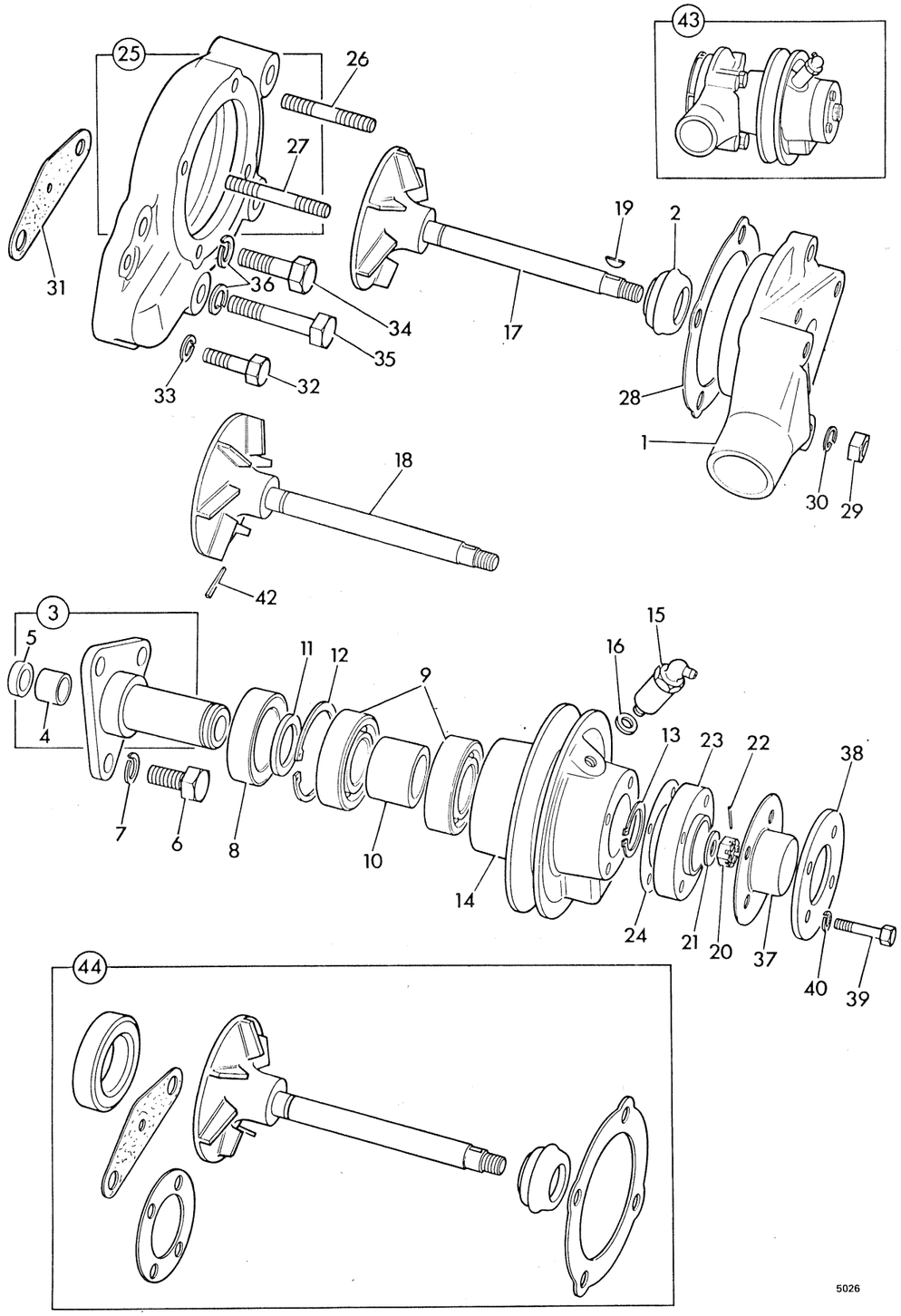
5025

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
22	AEB 160	....	Gasket	1			
	AEB160 988/00108	To E44286	Gasket		1		
23	1305/3118	....	Bolt-Short	2			
	1305/3118 1305/3120	To E44286	Bolt-Short		2		
	1305/3124	....	Bolt-Short			2	2
24	1305/3124	....	Bolt-Long	2			
	1305/3124 1305/3122	To E44286	Bolt-Long		2		
	1305/3126	....	Bolt-Long			2	2
25	1416/0005	....	Washer	4	4	4	4
28	02/300044	99001 on	Vent Plug	1	1	1	1
29	1356/0006	99001 on	Nut		1	1	1
30	S49/4	....	Plug-Rocker Cover Tapping		1	1	1
31	86K1471	....	Plug-Bypass Thermostat Housing			1	1

EA 11 WATER PUMP

5026

110M **ISSUE** 2*

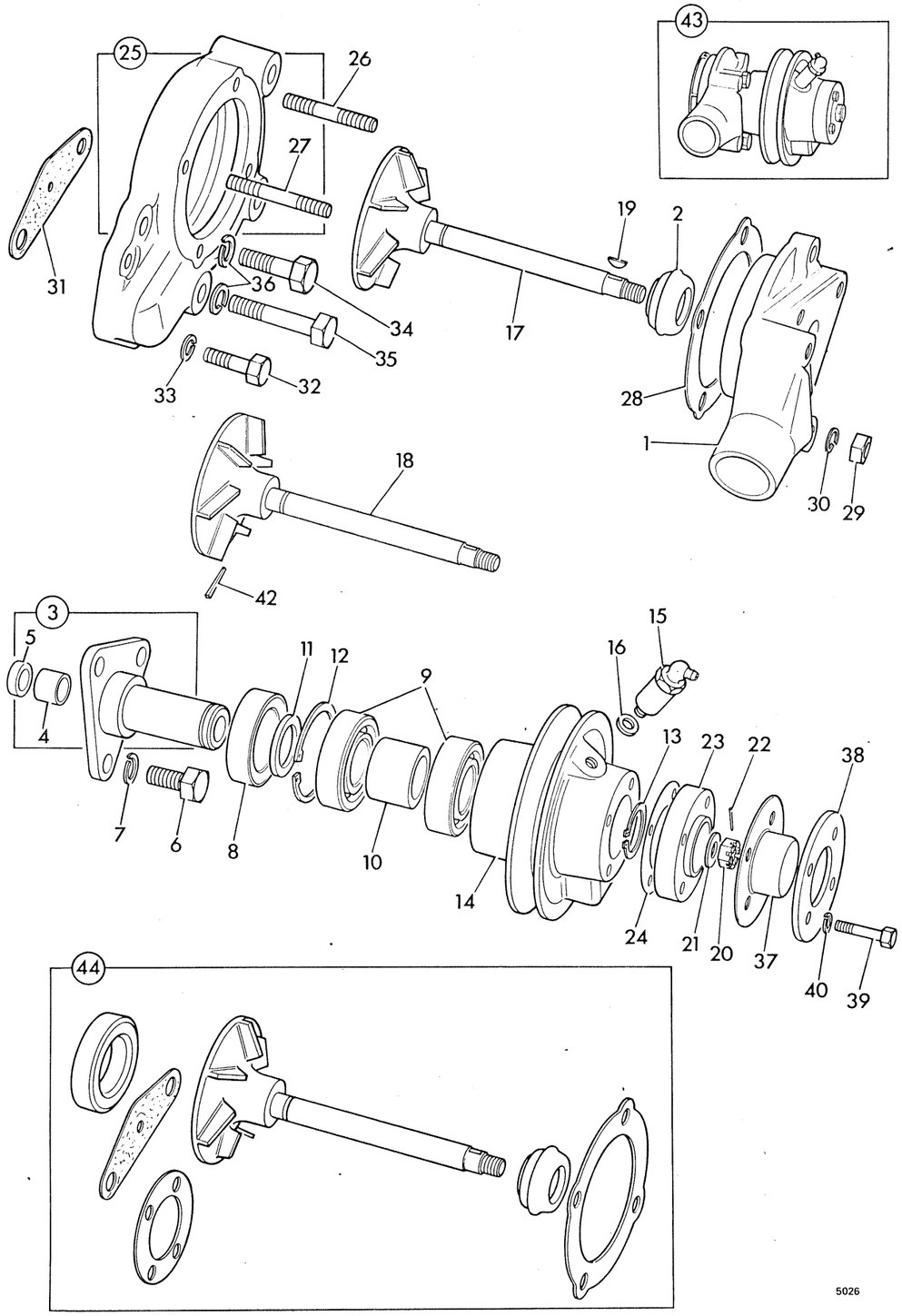


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	N.S.P.	....	Body	1			
2	AEB156	....	Seal	1			
3	AMK427	....	Support	1			
4	AMK765	....	:Bush	1			
5	AMK766	....	:Seal	1			
6	1305/0205	....	Bolt	3			
7	1416/0006	....	Washer	3			
8	AMK772	....	Oil Seal	1			
9	916/03400	....	*Bearing	2			
10	N.S.P.	....	Distance Piece Was AMK768	1			
11	AEB164	....	Collar	1			
12	AMK771	....	Circlip-Internal	1			
13	AMK769	....	Circlip-External	1			
14	AMK2571	....	Pulley	1			
15	BMK446	....	Greaser	1			
16	AMK4189	....	Washer	1			
17 18	88G238	....	Impeller & Spindle	1			
19	WKN404	....	Key	1			
20	1340/0205	....	Nut	1			
21	1411/0003	....	Washer	1			
22	2103/0309	....	Split Pin	1			
23	AMK2286	....	Cover	1			
24	AMK1700	....	Shim .008in.(.203mm)	A/R			
	AMK1701	....	Shim .015in.(.381mm)	A/R			
	AMK1702	....	Shim .028in.(.711mm)	A/R			
25	AMK426	....	Body-Rear Half	1			
26	FHS512	....	:Stud-Short	2			
27	FHS520	....	:Stud-Long	2			
28	AEB169	....	Gasket	1			
29	FNZ505	....	Nut	4			

EA 11 WATER PUMP

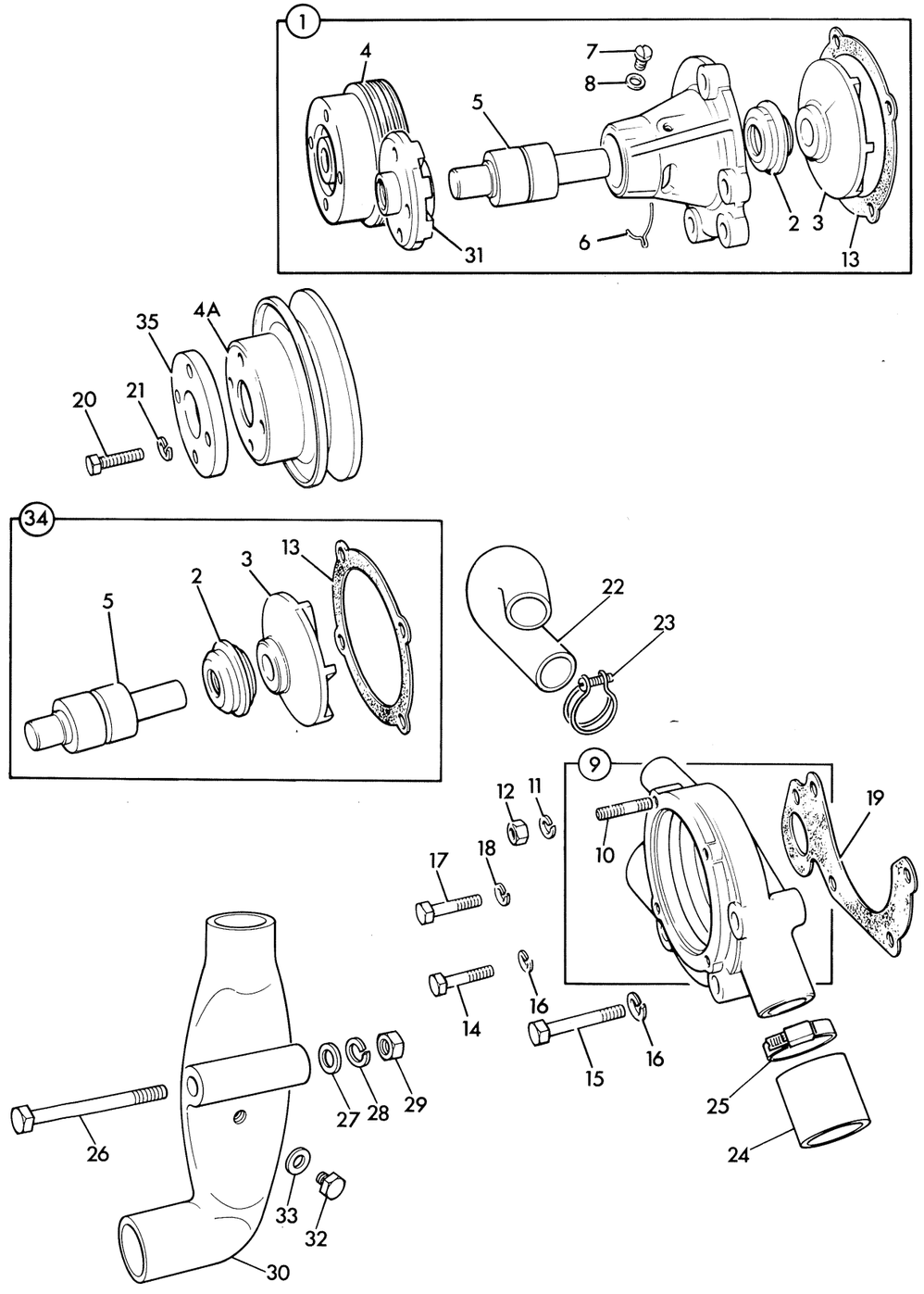
5026

110M **ISSUE** 2*



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
30	1416/0005	....	Washer	4			
31	813/00211	....	*Gasket	1			
32	1305/0107	....	Bolt	2			
33	1416/0005	....	Washer	2			
34	1305/3208	....	Bolt	1			
35	1305/3214	....	Bolt	3			
36	1416/0006	....	Washer	4			
37	AMK544	....	Cap	1			
38	AMK773	....	Plate	1			
39	1305/3010	....	Bolt	4			
40	1416/0004	....	Washer	4			
42	TPS608	....	Taper Pin	1			
43	AMK2806	....	Pump	1			
44	8G2321	....	Pump Repair Kit (Major)	1			
	8G2322	....	Pump Repair Kit (Minor)	1			

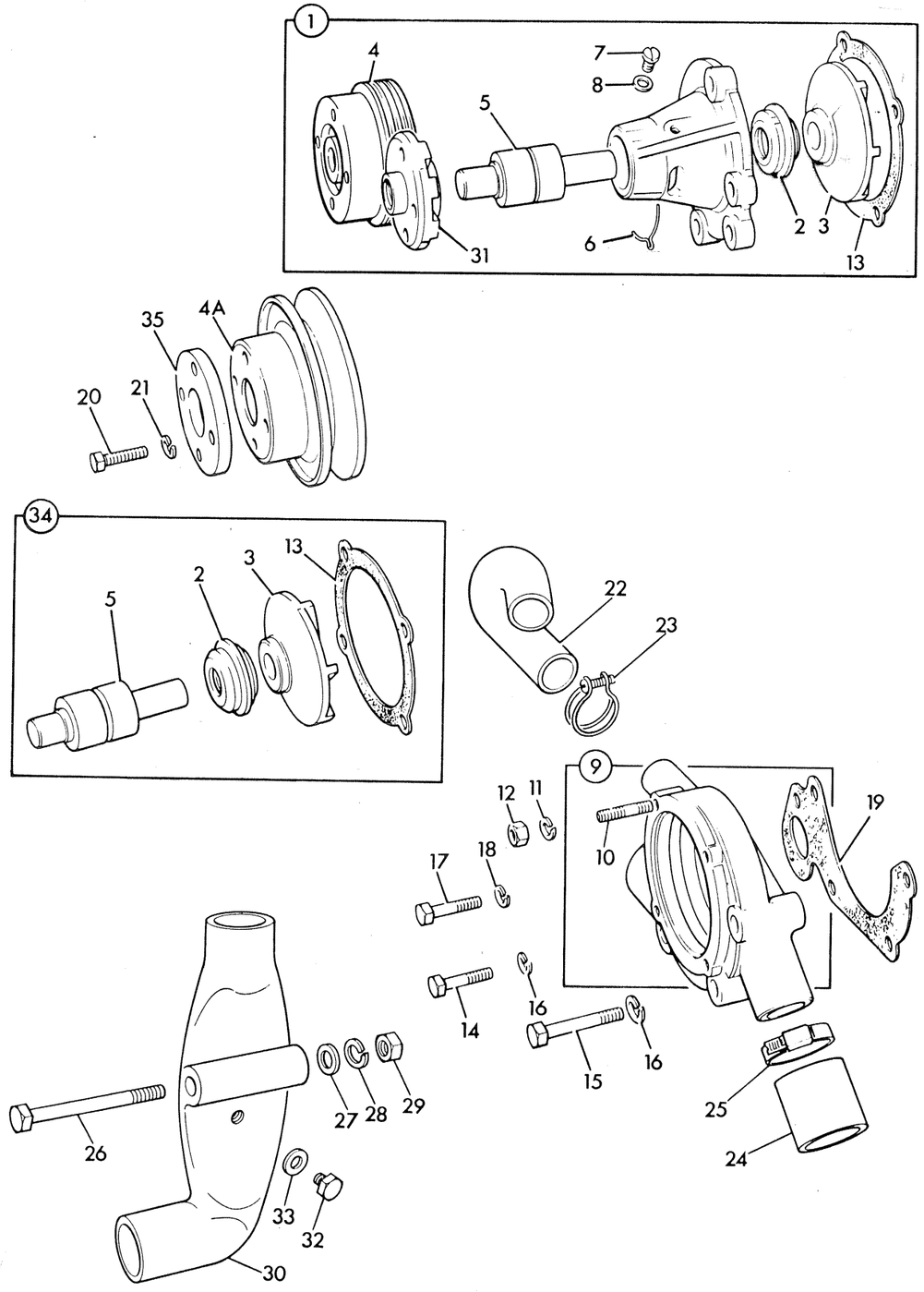
EA 12 WATER PUMP



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	37D2099	To E11974	Pump		1		
	03/101600					1	1
2	03/101604	....	*Seal		1	1	1
3	03/101605	....	*Impeller		1	1	1
4	37D2097	To E11974	Pulley		1	1	1
4A	02/300052	E11975 on	*Pulley		1	1	1
5	N.S.P.	....	Bearing		1	1	1
			Was 12A1328, 12A1389 & 12A1802				
6	2A778	....	Wire		1		
			Use with 12A1389				
7	PMN406	....	Screw		1	1	1
8	03/101602	....	*Washer		1	1	1
9	37D458	To E44286	Body-Rear Half		1		
	37D3486						
	02/300054	....	*Body-Rear Half			1	1
10	FHS512	....	Stud		3	3	3
	FHS513	....	Stud-Alternator Bracket		1	1	1
11	1416/0005	....	Washer		4	4	4
12	1340/0101	....	Nut		4	4	4
13	813/00210	....	*Gasket		1	1	1
14	1305/3209	....	Bolt		1	1	1
15	1305/3218	....	Bolt		3	3	3
16	1416/0006	....	Washer		4	4	4
17	1305/3109	....	Bolt		2	2	2
18	1416/0005	....	Washer		2	2	2
19	813/00211	....	*Gasket		1	1	1
20	1305/0104	To E11974	Bolt		4		
	1305/0106					4	4

EA 12 WATER PUMP

110M **ISSUE** 2*



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
21	1416/0005	....	Washer		4	4	4
22	CMK143 86K691	To E44286	Hose		1		
	02/300043	....	*Hose			1	1
23	2201/0005	....	Clip	2	2	2	
24	ATJ3539	....	Hose		1	1	1
25	2201/0010	....	Clip		2	2	2
26	1305/3130	....	Bolt		1	1	1
27	1411/0005	....	Washer		1	1	1
28	1416/0005	....	Washer		1	1	1
29	1340/0101	....	Nut		1	1	1
30	86K1264	....	Connector		1		
	86K1264 86K1186	To E6273	Connector			1	1
31	03/101606	E11975 on	*Hub		1	1	1
32	816/80018	E6274 on	*Plug			1	1
33	CMK142	E6274 on	Washer			1	1
34	03/101603	....	*Repair Kit	1	1	1	1
35	02/300053	....	*Distance Piece			1	1

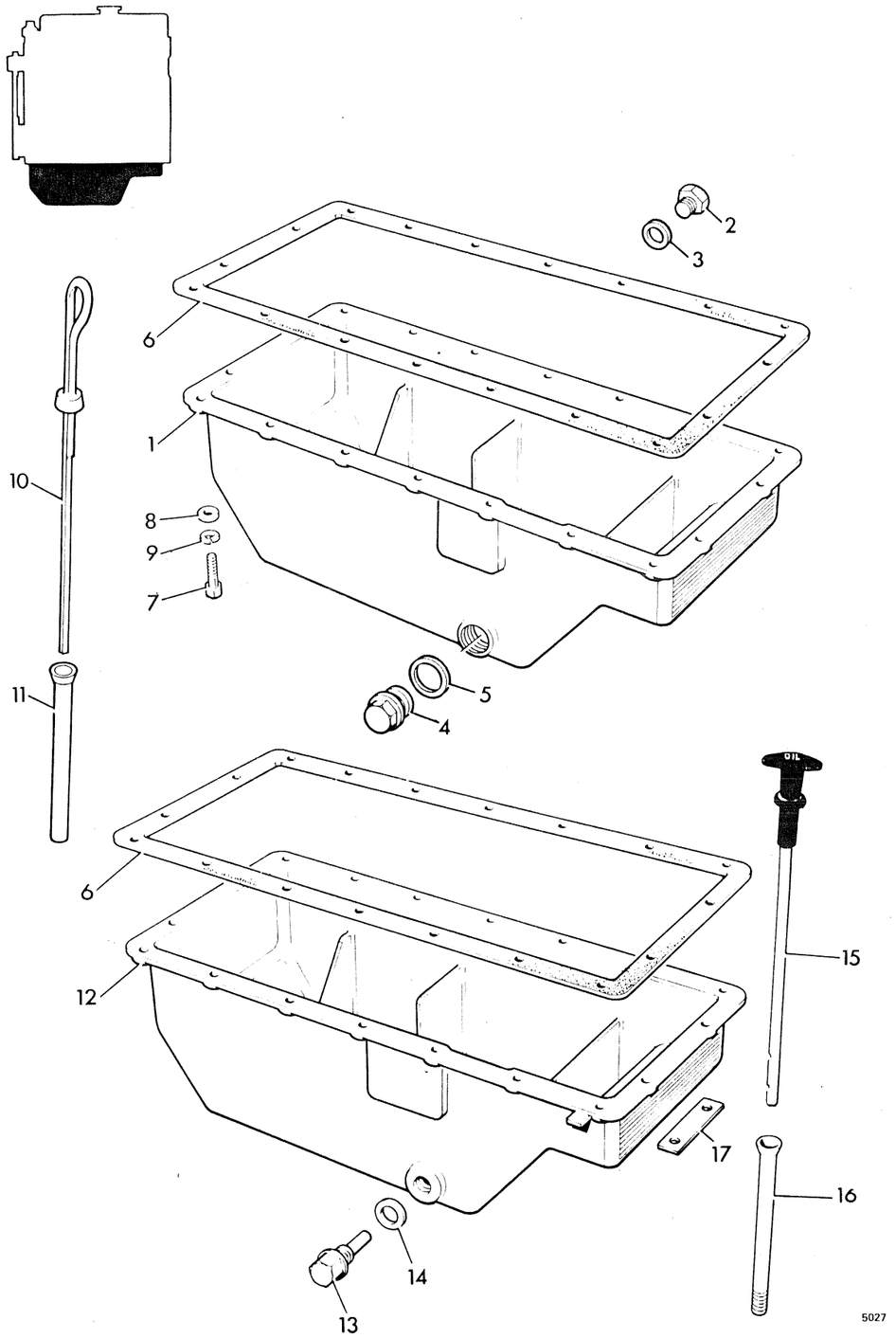
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Pages EA13 to EA20

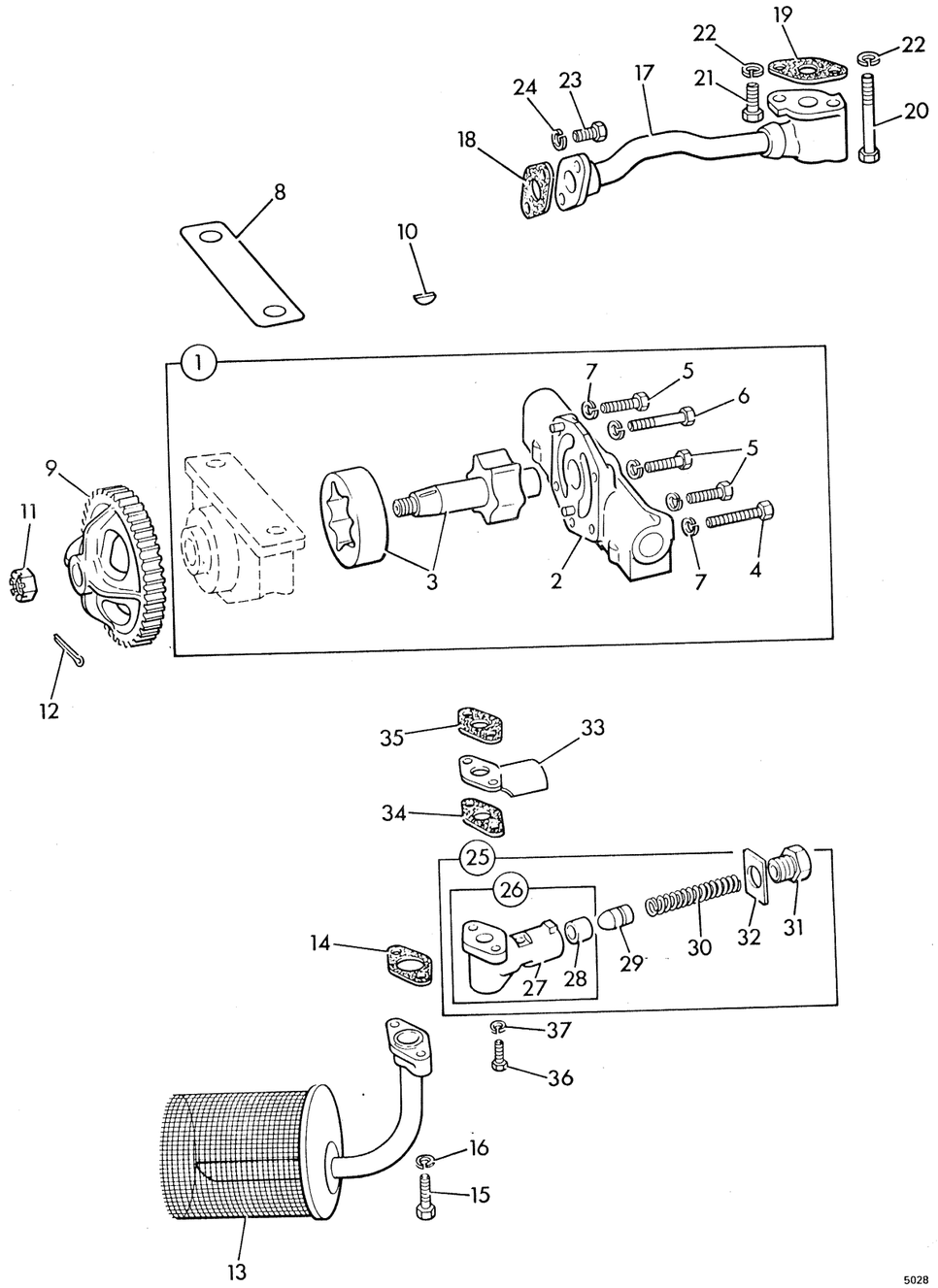
EA 13 OIL SUMP

5027

110M **ISSUE** 2*

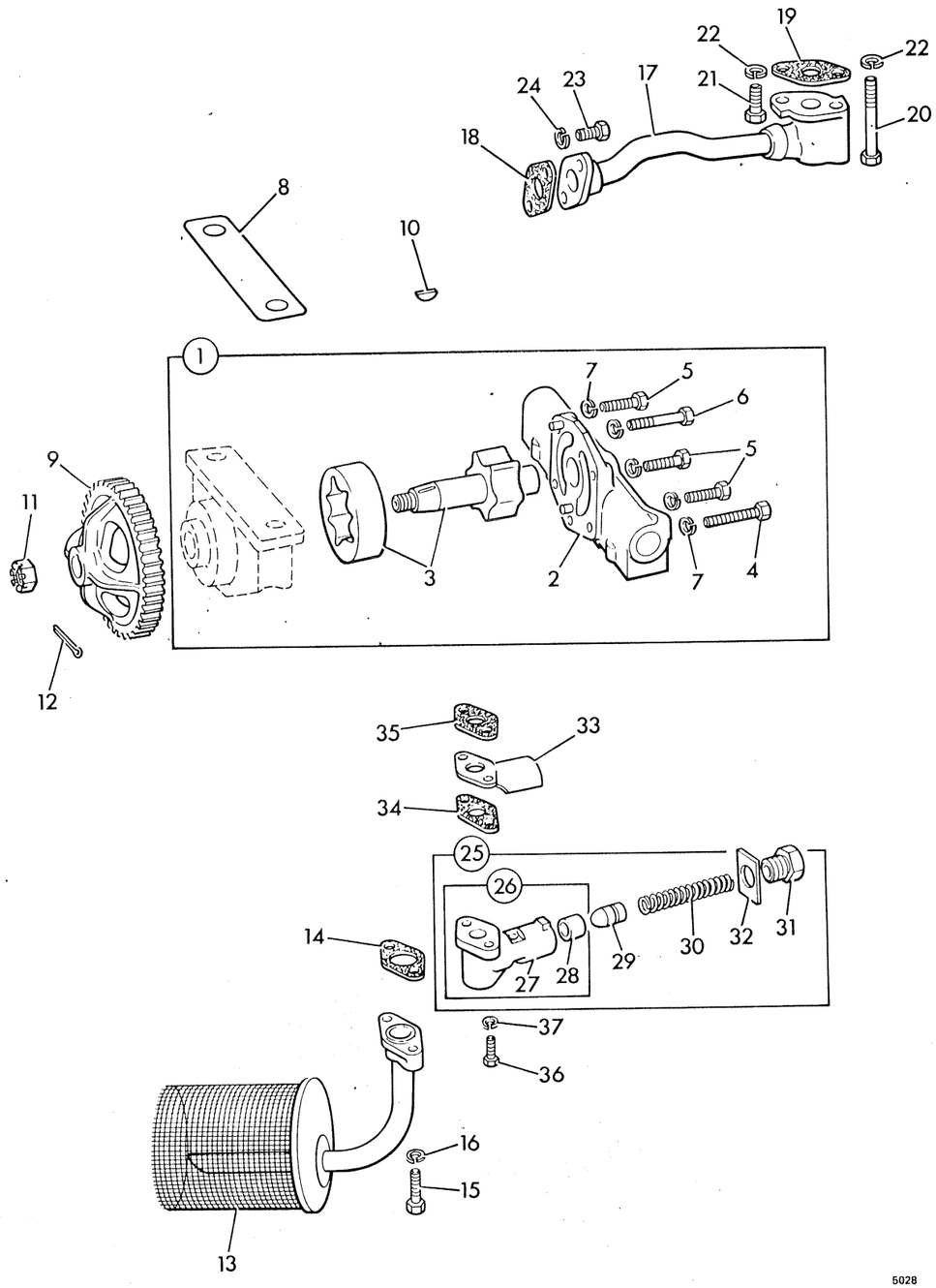


ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	AMK235 86K834	To E78879	Oil Sump	Unbalanced Engines	1			1
	86K834 See Item 12	To E44286	Oil Sump	....		1		1
2	816/80015	To E71879	*Plug	Use with AMK235	1			
3	823/00211	To E71879	*Washer	Use with AMK235	1			
4	AMK745	E71880 on	Plug	Use with 37D831	1			
	AMK745 See Item 13	To E44286	Plug	....		1		
5	AMK746	E71880 on	Washer	Use with 37D831	1			
	AMK746 See Item 14	To E44286	Washer	....		1		
6	813/00214	....	*Gasket	....	1	1	1	1
7	1305/3108	....	Bolt	....	18			
	1305/0107	....	Bolt	....		18		
	1305/0103	....	Bolt	Use with 86K829 &			18	
8	1411/0002	....	Washer	....	18	18	18	18
9	1416/0005	....	Washer	....	18	18	18	18
10	37D371 37D832	To E71879	Dipstick	....	1			
	37D832 See Item 15	To E44286	Dipstick	....		1		
11	11B455	....	Guide Tube	....	1			
	11B455 See Item 16	To E44286	Guide Tube	....		1		
12	86K829 86K829	....	Oil Sump	Balanced Engines		1	1	
13	816/80019	....	*Plug	Use with 86K829 & 86K834		1	1	1
14	AED172	E44287 on	Washer			1	1	1
15	37D3434		Dipstick	....		1	1	
16	37D3435		Guide Tube	....		1	1	
17	N.S.P.		Bracket	Was 86K1367		1	1	



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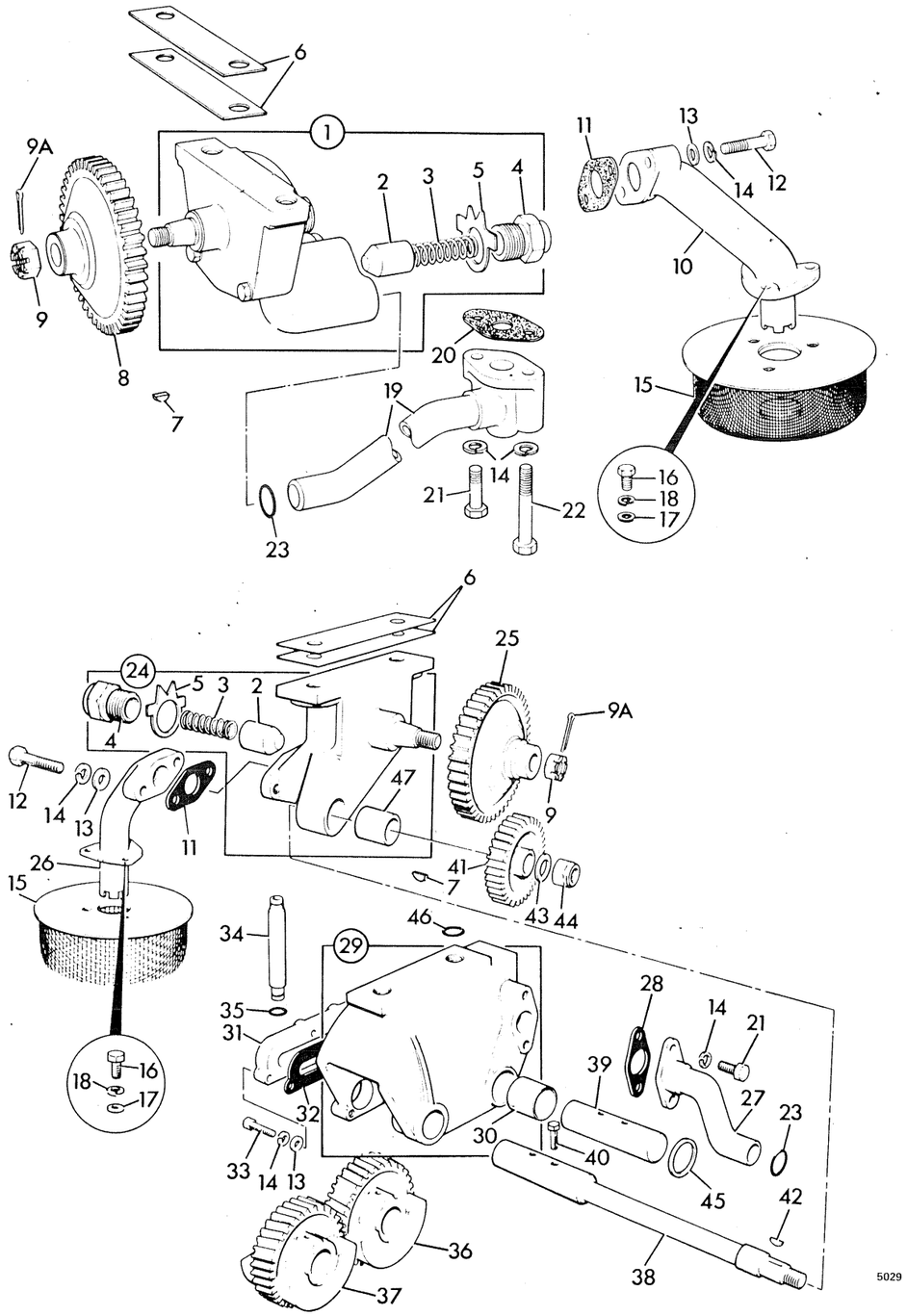
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	13H1992	....	Oil Pump	1			
2	N.S.P.	....	:Cover Was AMK468	1			
3	N.S.P.	....	:Rotary Shaft Was AMK469	1			
4	1305/0010	To E1493	:Bolt-Long	3			
	1305/0010			1			
5	1305/0006	....	:Bolt-Short	2			
	1305/0006	....	Bolt-Short	1			
6	1305/3011	....	:Bolt	1			
7	1416/0004	....	:Washer	5			
8	02/300063	....	*Shim.002in. (.051mm)	A/R			
	02/300063	....	*Shim .003in. (.076mm)	A/R			
9	02/390007	....	*Driven Gear	1			
10	WKN405	....	Key	1			
11	1340/0405	....	Nut	1			
12	CPS0310	....	Split Pin	1			
13	37D142	....	Oil Strainer	1			
14	813/00215	....	*Gasket	1			
15	1305/3107	....	Bolt	2			
16	1416/0005	....	Washer	2			
17	37D381	....	Delivery Pipe	1			
18	813/00216	....	*Gasket	1			
19	813/00215	....	*Gasket	1			
20	1305/3116	....	Bolt-Long	1			
21	1305/0104	....	Bolt-Short	1			



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ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
22	1416/0005	....	Washer	....	2			
23	1305/0103	....	Bolt	....	2			
24	1416/0005	....	Tab Washer	....	2			
25	37D1556	....	Relief Valve	....	1			
26	AMK2550	To E49194	:Body	....	1			
27	N.S.P. 37D215 37D1557	To E59194 To E68455	*::Body ::Body and Seat	Was AMK737	1			
28	AMK2551	To E49194	::Seat	....	1			
29	N.S.P.	....	:Valve	....	1			
30	N.S.P.	....	:Spring	....	1			
31	N.S.P.	....	:Plug	....	2			
32	N.S.P. 02/300604	To E49194	*:Washer	Was AMK743	2			
33	ATJ58	To E49194	:Selector	....	1			
34	AMK744	To E49194	Gasket	....	1			
35	AMK744	....	Gasket	....	1			
36	1305/0104 1305/0110	To E49194	Bolt	....	2			
37	1416/0005	....	Washer	....	2			

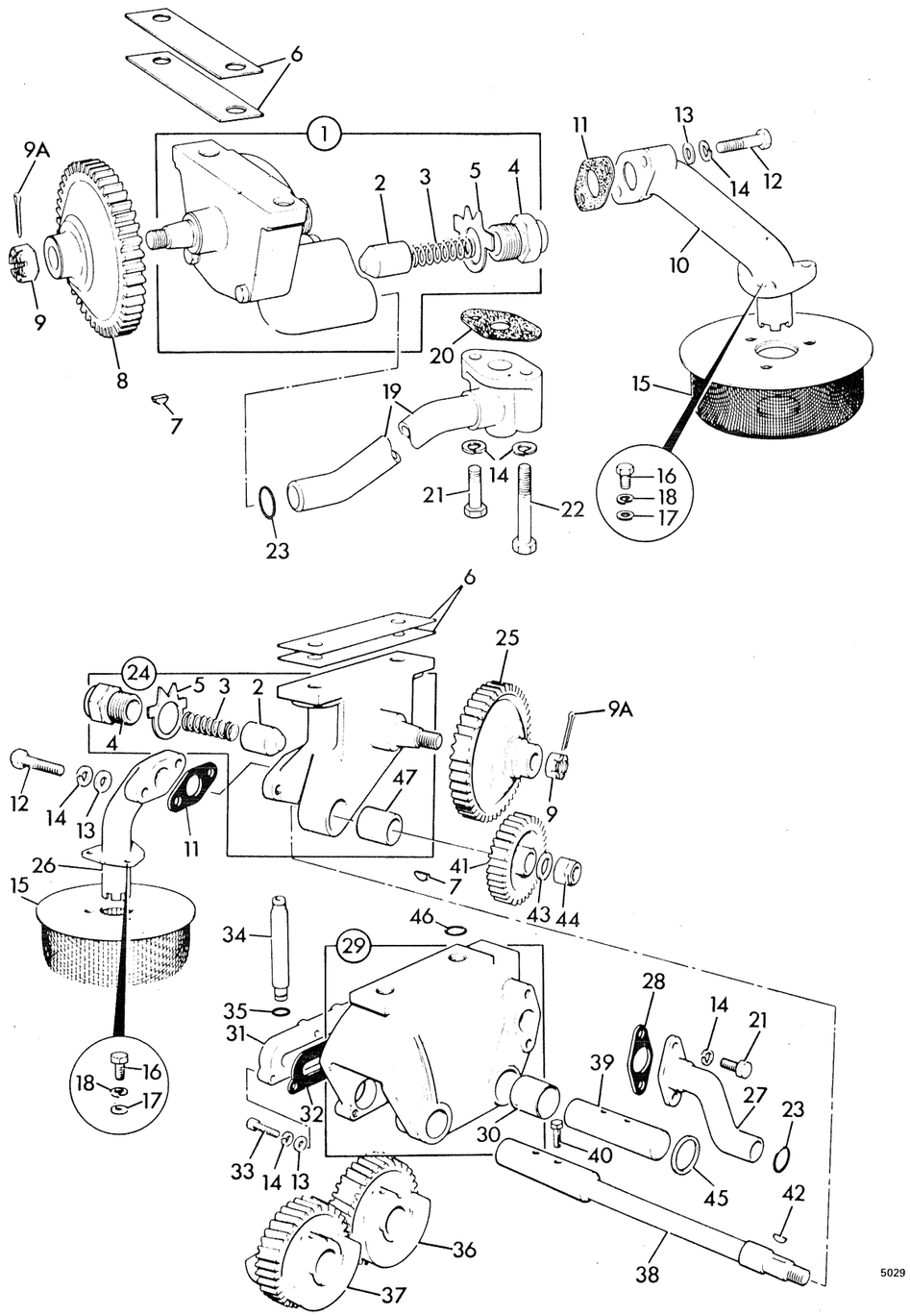
EA 14–1 OIL PUMP/ENGINE BALANCE



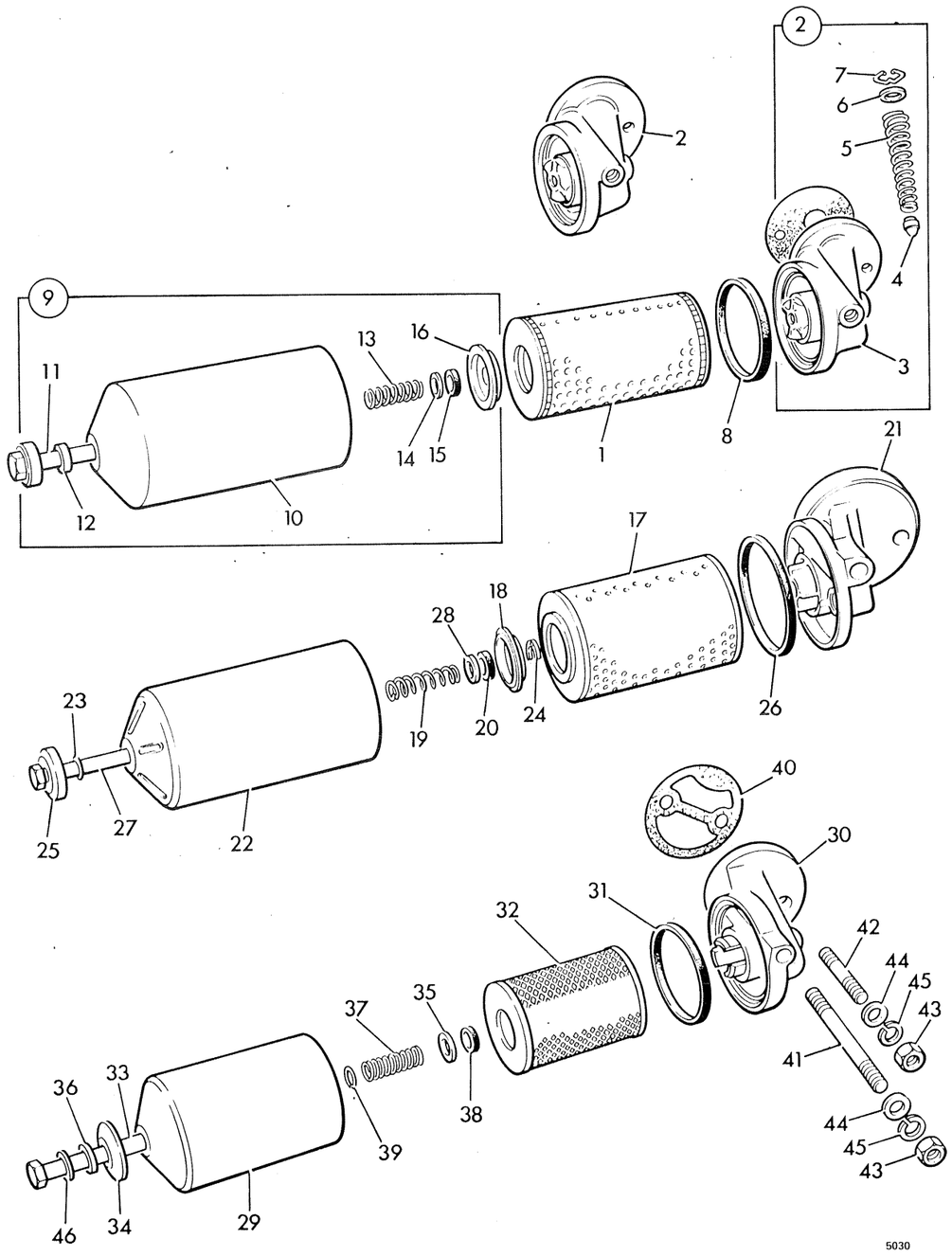
ITEM	PART No.	CHANGE No.	DESCRIPTION	Refer to	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	13H3391 02/300600 See Item 24	See Remarks To 44286	*Oil Pump	TI Home 24 TI Export 23		1		1
2	02/300601	....	*Relief Valve	....		1	1	1
3	02/300602	....	*:Spring	....		1	1	1
4	02/300603	....	*:Plug	....		1	1	1
5	02/300604	....	*Tab Washer	....		1	1	1
6	02/300062	....	*Shim .002in.(.051mm)	....		A/R	A/R	A/R
	02/300063	....	*Shim .003in.(.076mm)	....		A/R	A/R	A/R
7	WKN405 Deleted	To E17588	Key	....		1	1	1
8	02/390007	....	*Gear	....		1		1
9	1340/0405	....	*Nut	....		1	1	1
9A	N.S.P.	....	Split Pin	....		1	1	1
10	37D1638	To E44286	Pipe	....		1		1
11	813/00215	....	*Gasket	....		1	1	1
12	1305/3109	....	Bolt	....		2	2	2
13	1411/0002	....	Washer	....		2	2	2
14	1416/0005	....	Washer	....		4	4	4
15	86K1092	....	Strainer	....		1	1	1
16	1305/0002	....	Bolt	....		3	3	3
17	1411/0001	....	Bolt	....		3	3	3
18	1416/0004	....	Washer	....		3	3	3
19	37D1639	To E44286	Pipe	....		1		1
20	813/00216	To E44286	*Gasket	....		1		1
21	1305/0104	....	Bolt-Short	....		1		1
	1305/0104	....	Bolt	....		2	2	
22	HBN0518 1305/3116	Superseded To E44286	Bolt-Long	....		1		

EA 14–1 OIL PUMP/ENGINE BALANCE

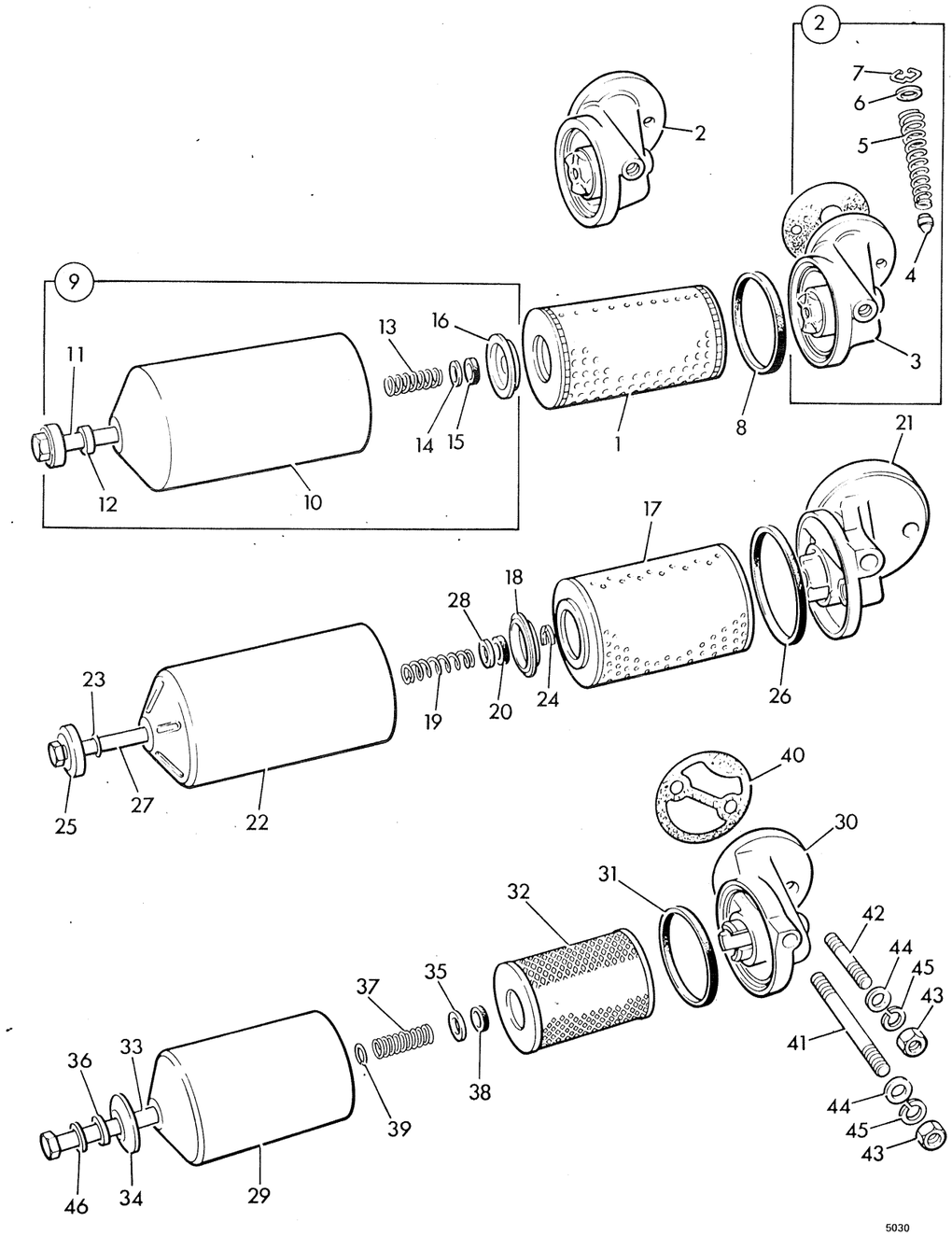
110M **ISSUE** 3*



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
23	2401/0201	....	'O' Ring	....		1	1	1
24	86K1585	....	Oil Pump	For fitting Refer to TI Home 24 TI Export			1	1
25	02/390007	....	*Gear			1	1	
26	37D3453	....	Pipe			1	1	
27	37D3454	....	Pipe			1	1	
28	37D3457	....	Gasket			1	1	
29	86K825	....	Bracket			1	1	
30	86K817	....	:Bush	38TD E44287 on		4	4	
31	37D3461	....	Cover			1	1	
32	37D3463	....	Gasket			1	1	
33	1305/0110	....	Bolt			5	5	
34	37D3464	....	Tube			1	1	
35	13H6419	....	'O' Ring			2	2	
36	37D3465	....	Gear R.H.-Two Spots on Gear			1	1	
37	37D3466	....	Gear L.H.-One Spot on Gear			1	1	
38	988/00086	....	Shaft (Drive)			1	1	
39	988/00162	....	Shaft (Driven)			1	1	
40	86K365	....	Bolt			4	4	
41	37D3470	....	Gear			1	1	
42	WKN505	....	Key			1	1	
43	1416/0006	....	Washer	38TD E44287 on		1	1	
44	1340/0401	....	Nut			1	1	
45	37D3471	....	Thrust Washer			4	4	
46	13H6420	....	'O' Ring			1	1	
47	831/00007	....	Bush			1	1	



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
	MF2655	....	Filter Assembly	Purolator	1			1
1	8G2000 988/00038	Superseded	:Element		1			1
2	N.S.P.	....	:Head Assembly	Was 17H157	1			1
3	N.S.P.	....	::Head	Was 17H156	1			1
4	N.S.P.	....	::Valve	Was 7H19	1			1
5	N.S.P.	....	::Spring	Was 7H27	1			1
7	N.S.P.	....	::Circlip	Was 7H1768	1			1
8	8G709	....	::Seal		1			1
9	N.S.P.	....	:Container Assembly	Was 17H155	1			1
10	7H1441	....	::Container		1			1
11	17H154	....	::Bolt		1			1
12	7H30	....	::Seal		1			1
13	02/300705	....	*::Spring		1			1
14	PWN106 1411/0003	Superseded	::Washer		1			1
15	7H28	....	::Gasket		1			1
16	7H21 500439	Superseded	::Guide		1			1
	N.S.P.	....	Oil Filter Assembly	Purolator	1			1
17	8G2300 F8/24	Superseded	:Element		1			1
18	7H21 500439	Superseded	:Guide		1			1
19	7H25 500319	Superseded	:Spring		1			1
20	7H28	....	:Seal		1			1
21	27H4147 27H6741	Superseded	:Head and Valve		1			1
22	17H2451	....	:Container		1			1
23	02/300703	....	*:Seal		1			1
24	27H2573	....	:Ring		1			1
25	02/300702	....	*:Collar		1			1
26	02.300709	....	*:Seal		1			1
27	17H2449	....	:Bolt		1			1
28	PWN106 1411/0003	Superseded	:Washer		1			1
	N.S.P.	....	Oil Filter Assembly	Yokes	1			1

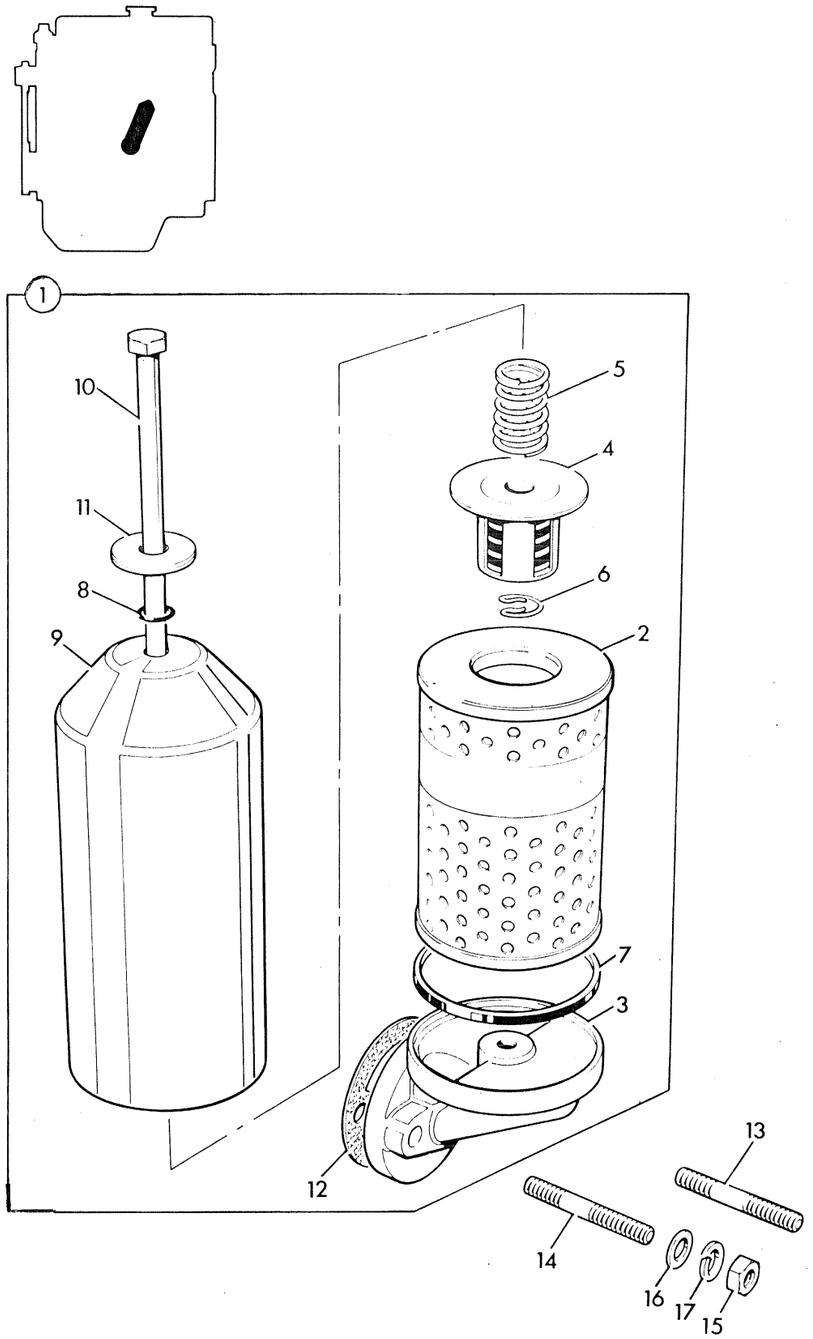


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
29	17H1808	....	:Container	1			1
30	37H709	....	:Head	1			1
31	7H1921	....	:Seal	1			1
32	17H1784	... .	:Element	1			1
33	27H1940	....	:Bolt	1			1
34	17H1807	....	:Washer	1			1
35	37H707	....	:Washer	1			1
36	17H1803	....	:Seal	1			1
37	N.S.P.	....	:Spring Was 17H1804	1			1
38	N.S.P.	....	:Seal Was 17H1806	1			1
39	37H712	....	:Circlip	1			1
40	813/00217	....	*:Gasket	1			1
41	FHS740	....	Stud-Long	1			1
42	FHS715	....	Stud-Short	1			1
43	FNN557 FNZ507	Superseded	Nut	2			2
44	PWN107 PWZ107 1411/0004	Superseded Superseded	Washer	2			2
45	LWN307 1416/0007	Superseded	Washer	2			2
46	7H2765	....	Washer	1			1

EA 16 OIL FILTER

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110M **ISSUE** 3*



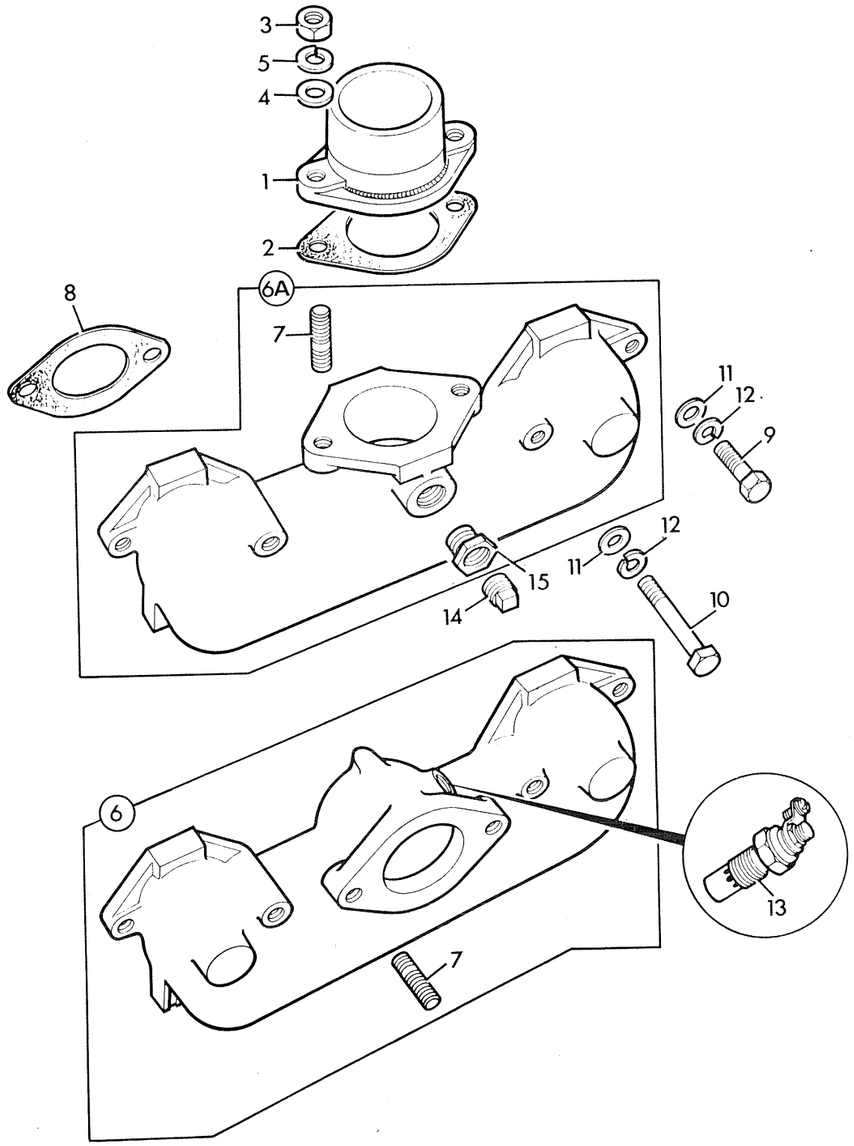
5031

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	N.S.P.	....	Oil Filter		1	1	
2	8G2000 988/00038	Superseded	:Element		1	1	
3	37H1686 988/00134	Superseded	:Head		1	1	
4	02/300706	....	*:Valve		1	1	
5	02/300705	....	*:Spring		1	1	
6	27H2573	....	:Circlip		1	1	
7	02/300709	....	*:Seal		1	1	
8	02/300703	....	*:Seal		1	1	
9	37H140 988/00135	Superseded	:Container	1	1		
10	02/300701	....	*:Centre Bolt		1	1	
11	02/300702	....	*:Collar		1	1	
12	813/00217	....	*:Gasket		1	1	
13	FHS720 826/00578	To E44286	*Stud		1		
14	FHS720 826/00578	To E44286	*Stud		1		
15	FNN507 FNZ507	Superseded	Nut		2	2	
16	PWN107 PWZ107 1411/0004	Superseded Superseded	Washer		2	2	
17	LWN307 1416/0007	Superseded	Washer		2	2	

EA 17 INLET MANIFOLD

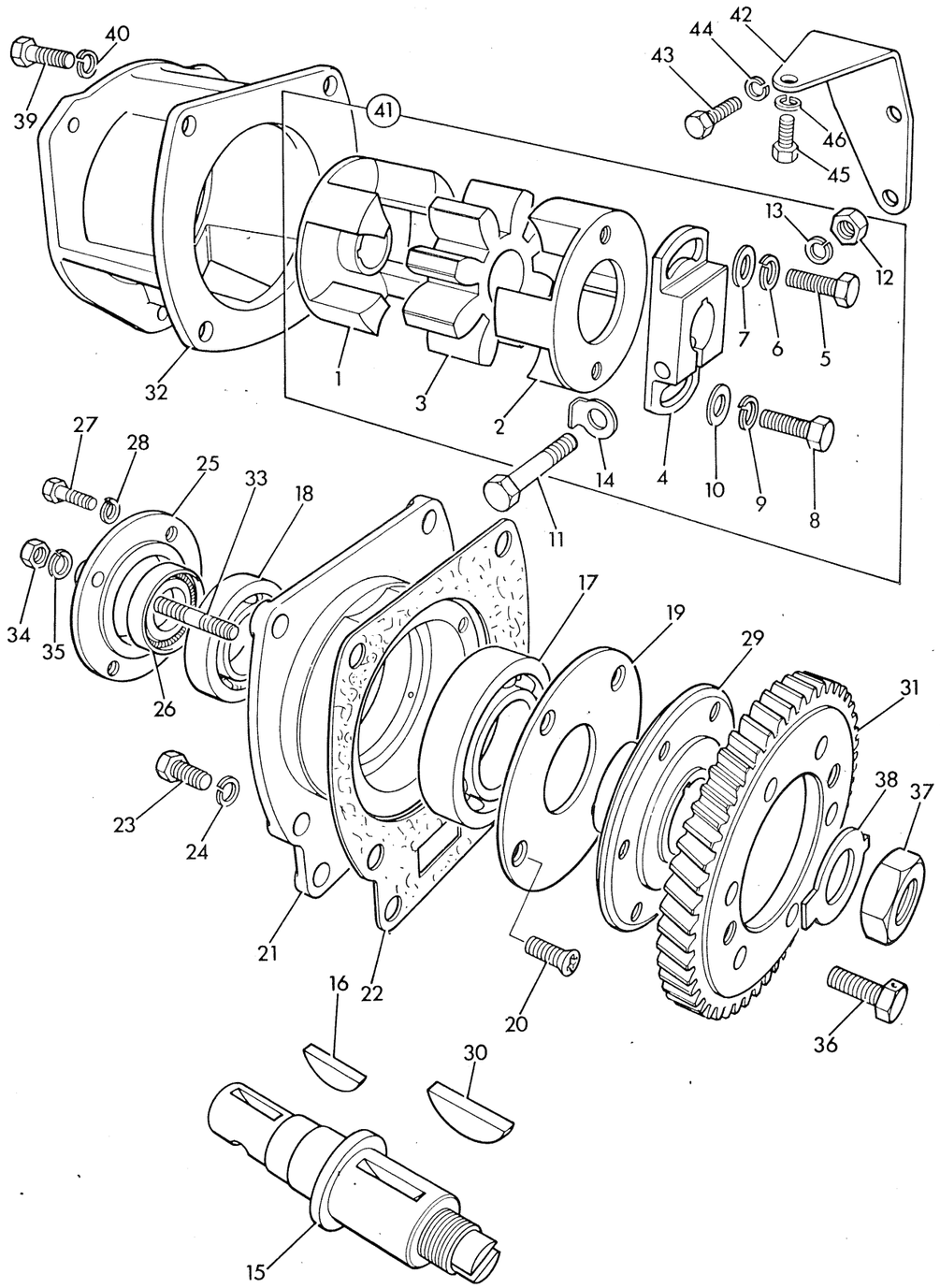
5032

110M **ISSUE** 2*



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	02/300046	....	*Adapter	1	1	1	1
2	813/00206	....	*Gasket	1	1	1	1
3	1340/0202	....	Nut	2	2	2	2
4	1411/0003	....	Plain Washer	2	2	2	2
5	1416/0006	....	Spring Washer	2	2	2	2
6	AMK423	....	Air Manifold	1			1
	37D1555	....	Air Manifold Use with item 13	1			1
6A	37D2101	....	Air Manifold		1	1	1
7	FHS612	....	:Stud	2	2	2	2
8	813/00207	....	*Gasket	2	2	2	2
9	1305/3208	....	Bolt-Short	2	2	2	2
10	1305/3220	....	Bolt-Long	2	2	2	2
11	1411/0003	....	Plain Washer	4	4	4	4
12	1416/0006	....	Spring Washer	4	4	4	4
13	13H2468	....	Thermostart	1			1
14	2K8209	....	Plug Manifold		1	1	1
15	96K192	....	Adapter				

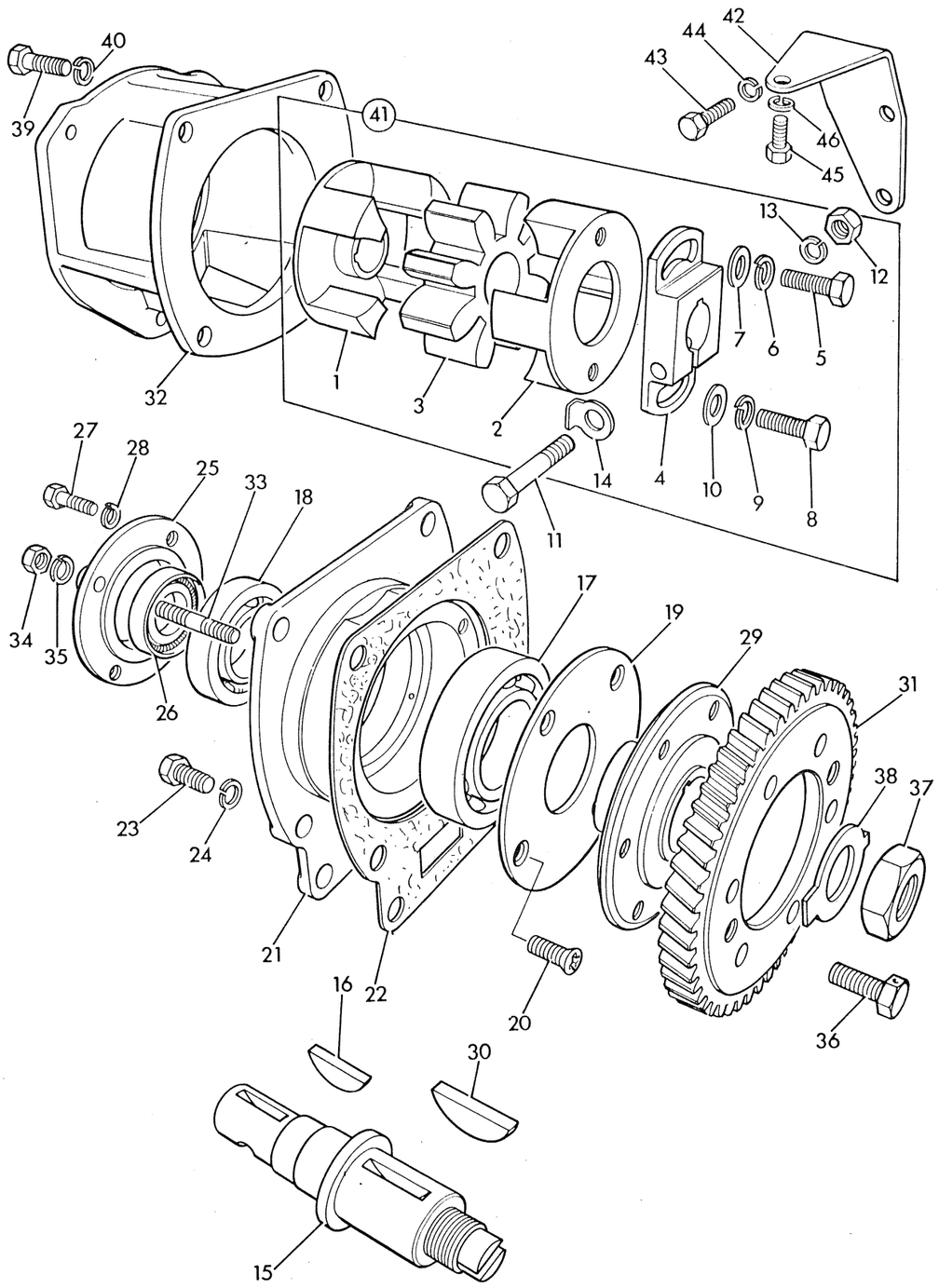
EA 18 INJECTION PUMP DRIVE



5033

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	27H1408	....	Flange-Dog	1			1
2	27H1405	....	Pump Flange	1			1
3	27H1406	....	Insert	1			1
4	AAK123	....	Driving Flange	1			1
5	27H1407	....	Dowel Bolt	1			1
6	LWZ205 WL600051 1416/0005	Superseded Superseded	Washer	1			1
7	PWZ105 WA108051	Superseded	Washer	1			1
8	HNS0508 HZS508 1305/0106	Superseded Superseded	Bolt	1			1
9	1416/0005	....	Washer	1			1
10	WA108051	....	Washer	1			1
11	AAK124	....	Bolt	1			1
12	AAK125	....	Nut	1			1
13	1416/0005	....	Washer	1			1
14	AAK1038	....	Tab Washer	1			1
15	CMK430	....	Drive Shaft	1			1
16	AMK782	....	Key	1			1
17	6K584 AMK777 GHB130	Superseded Superseded	Bearing-Large	1			1
18	AMK780 GHB117	Superseded	Bearing-Small	1			1
19	AMK778	....	Cover	1			1
20	CMN412	....	Screw	1			1
21	CMK411	....	Housing	1			1
22	813/00219	....	*Gasket	1			1
23	HNS0508 HZS508 1305/0106	Superseded Superseded	Screw	2			2
24	LWN305 1416/0005	Superseded	Washer	2			2
25	CMK412	....	End Cover	1			1
26	AMK781	....	Oil Seal	1			1

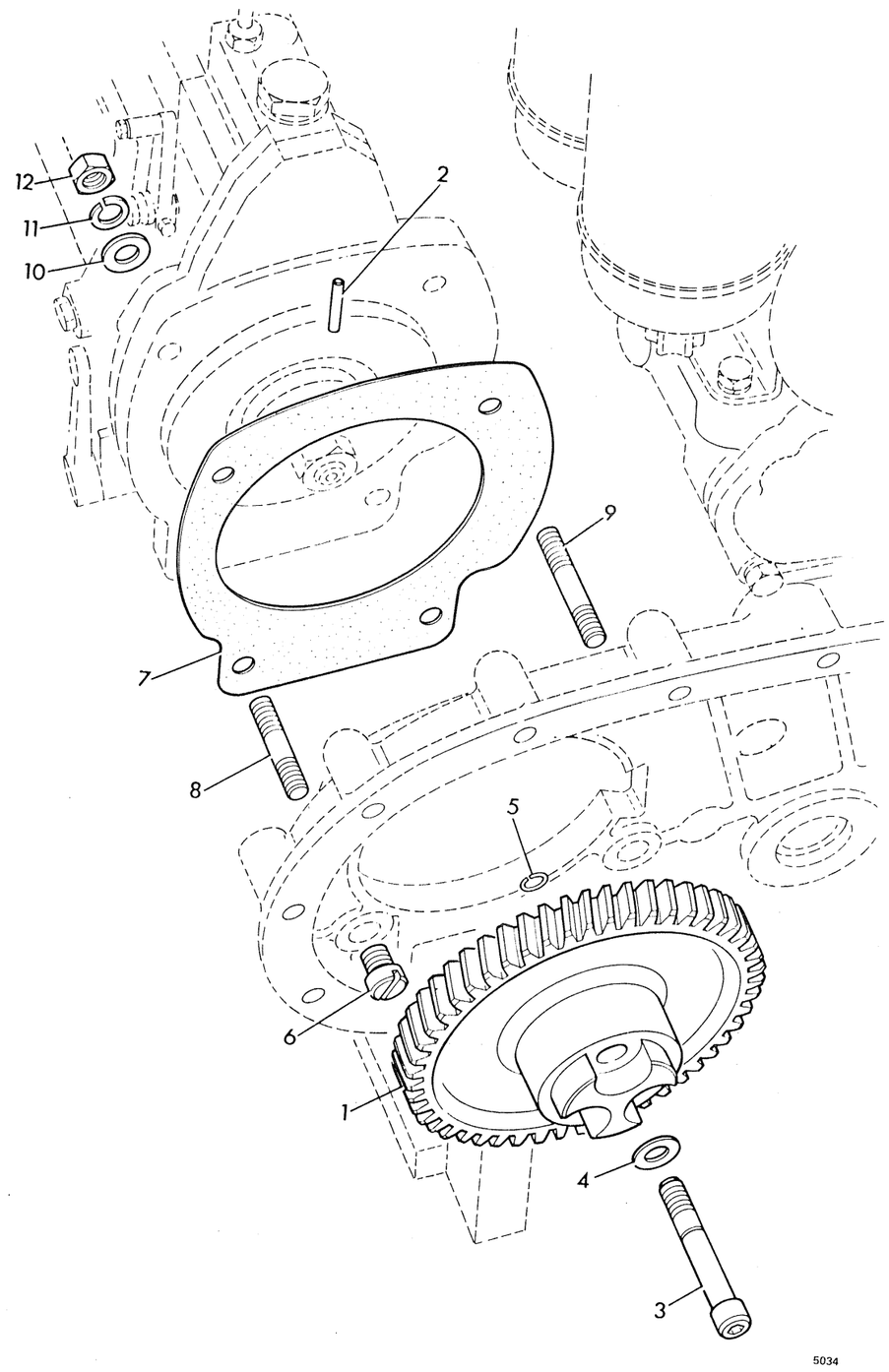
EA 18 INJECTION PUMP DRIVE



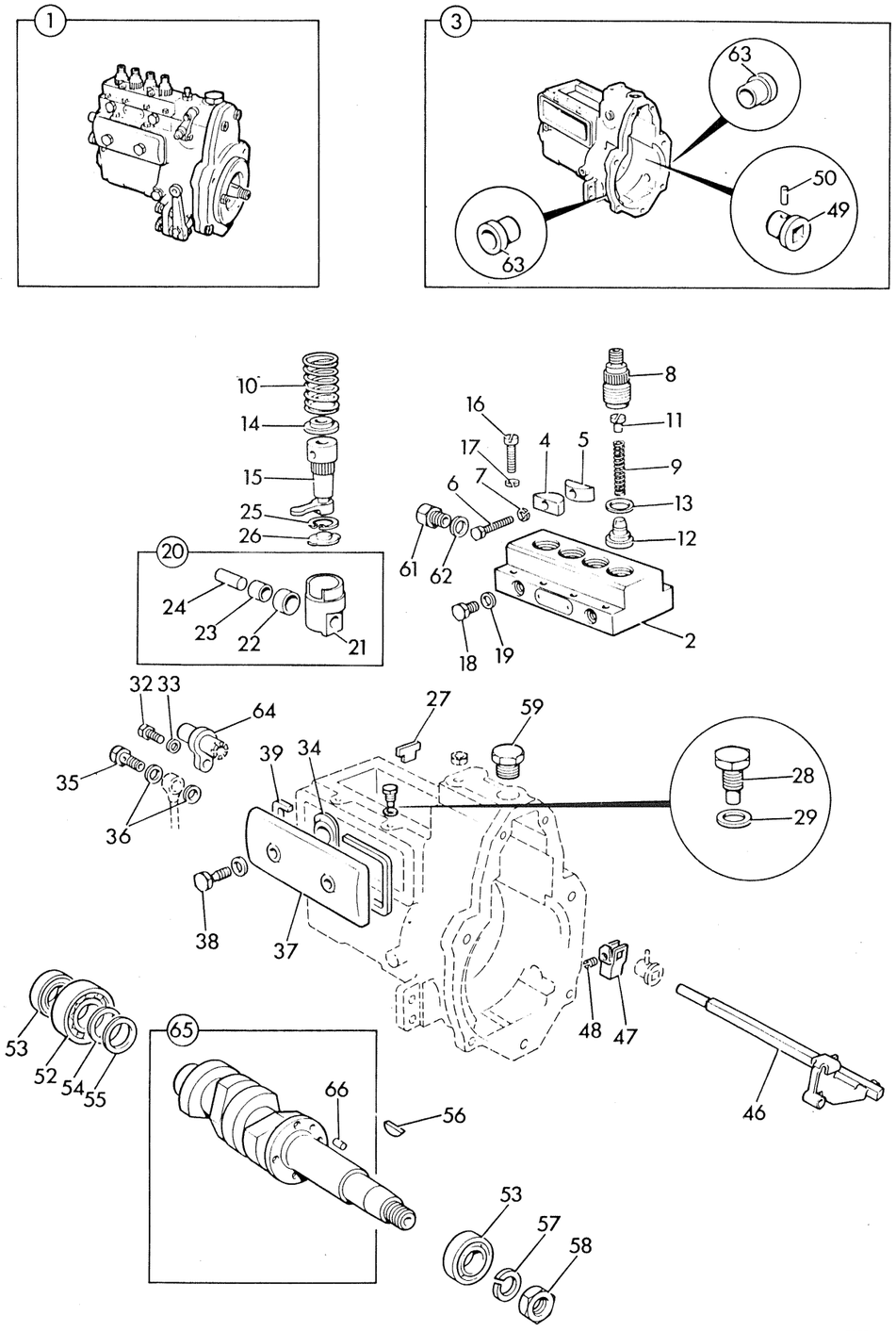
5033

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
27	HNS0407 HZS407 1305/0005	Superseded Superseded	Bolt	4			4
28	LWN304 1416/0004	Superseded	Washer	4			4
29	AMK166	....	Hub-Gear	1			1
30	WKN809	....	Key	1			1
31	02/390008	....	*Gear	1			1
32	CMK407	....	Housing	1			1
33	CHS515	....	Stud	3			3
34	FNN105 1340/0101	Superseded	Nut	3			3
35	LWN305 1416/0005	Superseded	Washer	3			3
36	AMK732	....	Bolt	6			6
37	FNN612	....	Nut	1			1
38	AMK779	....	Tab Washer	1			1
39	HBN612 1305/3210	Superseded	Bolt	4			4
40	LWN306 1416/0006	Superseded	Washer	4			4
41	88G448	....	Coupling Assembly	1			1
42	CMK437	....	Bracket	1			1
43	HNS608 1305/0206	Superseded	Bolt	2			2
44	LWN306 1416/0006	Superseded	Washer	2			2
45	NCS606	....	Screw	1			1
46	LWN306 1416/0006	Superseded	Washer	1			1

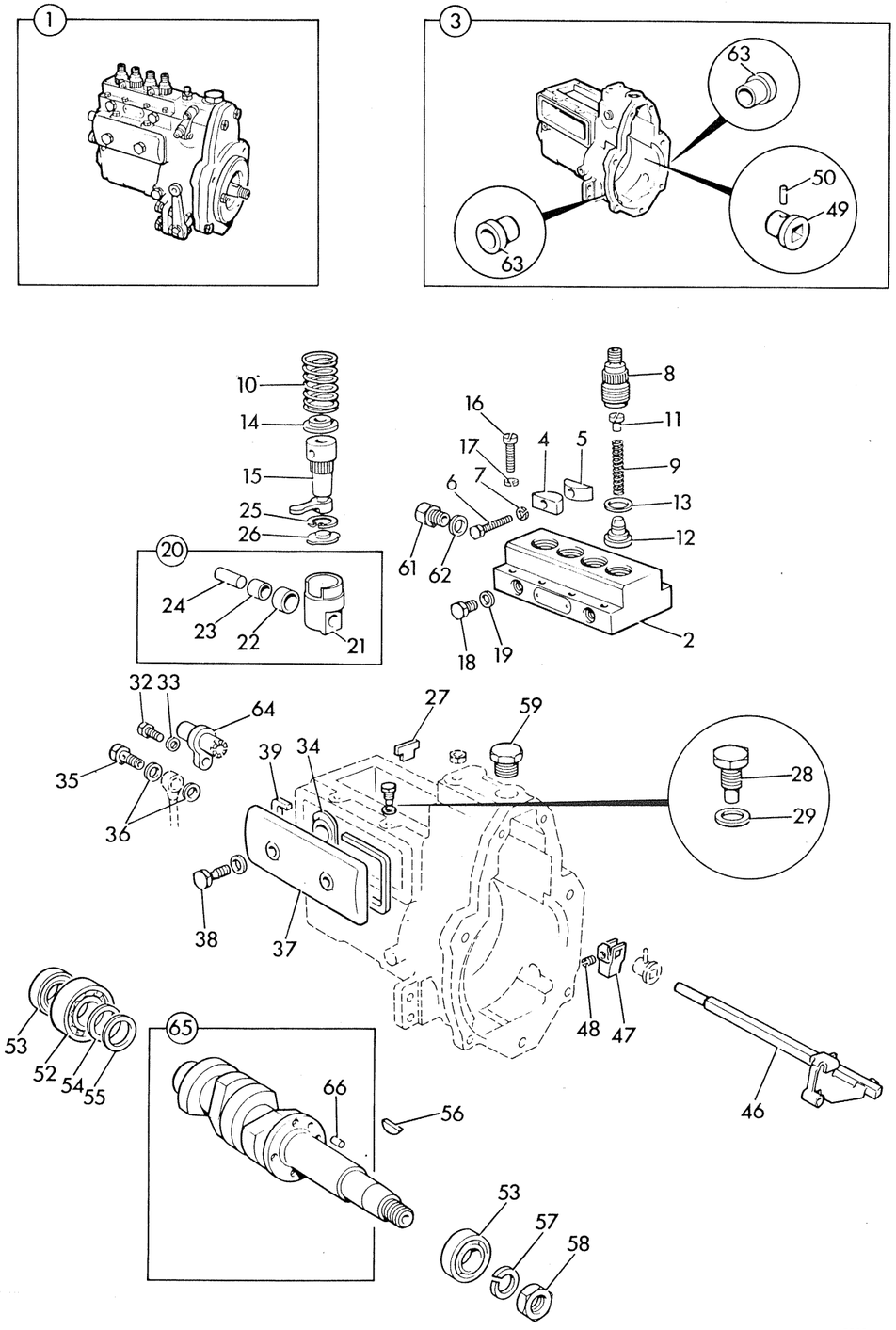
EA 19 INJECTION PUMP DRIVE



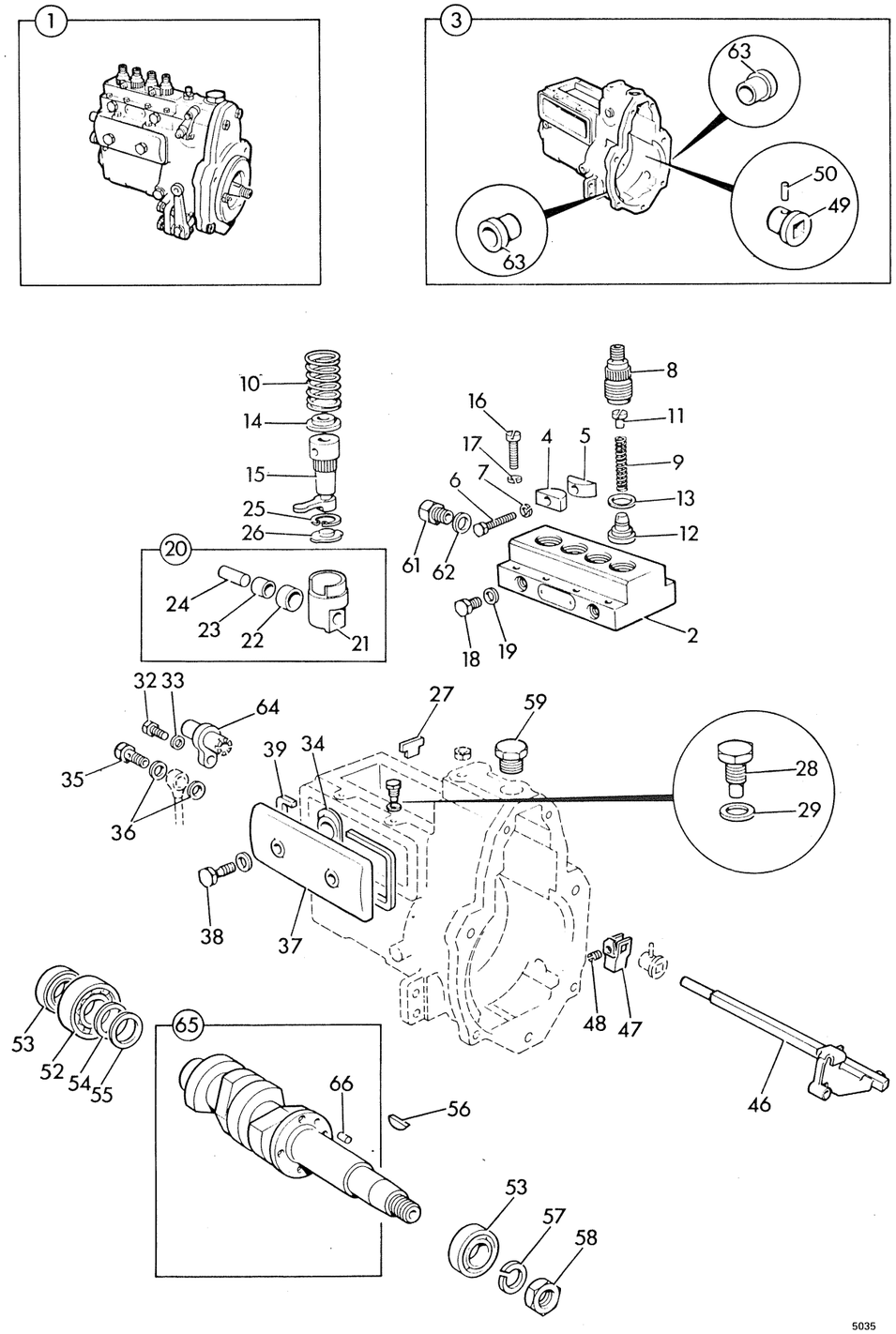
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	37D2110	....	Gear		1	1	1
2	RPS816 2102/0413	Superseded	Roll Pin		1	1	1
3	37D2112	....	Capscrew		3	3	3
4	PWN105 1411/0002	Superseded	Washer		3	3	3
5	37D2113	....	Clip		3	3	3
6	37D2114	....	Screw		3	3	3
7	37D2122 988/00111	Superseded	Gasket		1	1	1
8	826/00577	....	*Stud		2	2	2
9	FHS516 FHS2516	Superseded	Stud		2	2	2
10	PWN105 1411/0002	Superseded	Washer		4	4	4
11	LWN305 1416/0005	Superseded	Washer		4	4	4
12	FNN505 FNZ505 1340/0101	Superseded Superseded	Nut		4	4	4



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	27H4933	Superseded	Injection Pump	1			1
	988/00022						
	13H3929	Superseded	Injection Pump		1	1	1
	13H6140						
2	37H1056	To M46456	:Body	1			1
	27H4851			1	1	1	1
3	27H6513	....	:Housing	1			1
	27H8574			1			1
	37H1743	....	:Housing		1	1	1
4	37H1017	....	:Clamp	2	2	2	2
5	37H1018	....	:Clamp	2	2	2	2
6	37H1097	....	:Screw	2			2
	37H1057	....	:Screw		2	2	2
7	LWN303	Superseded	:Washer	2	2	2	2
	1416/0003						
8	37H1023	....	:Valve Holder	4	4	4	4
9	37H1060	....	:Valve Spring	4	4	4	4
10	37H1024	....	:Return Spring	4	4	4	4
11	37H1025	....	:Reducer	4	4	4	4
12	17H6606	....	:Delivery Valve & Guide	4	4	4	4
13	37H1015	....	:Washer	4	4	4	4
14	37H1039	....	:Disc-Lower Spring .60 to .65mm	A/R	A/R	A/R	A/R
	37H1040	....	:Disc-Lower Spring .70 to .75mm	A/R	A/R	A/R	A/R
	37H1041	....	:Disc-Lower Spring .80 to .85mm	A/R	A/R	A/R	A/R
	37H1042	....	:Disc-Lower Spring .90 to 95mm	A/R	A/R	A/R	A/R
	37H1043	....	:Disc-Lower Spring 1.00 to 1.05mm	A/R	A/R	A/R	A/R
	37H1044	....	:Disc-Lower Spring 1.10 to 1.15mm	A/R	A/R	A/R	A/R
	37H1045	....	:Disc-Lower Spring 1.20 to 1.25mm	A/R	A/R	A/R	A/R
	37H1046	....	:Disc-Lower Spring 1.30 to 1.35mm	A/R	A/R	A/R	A/R
	37H1047	....	:Disc-Lower Spring 1.40 to 1.45mm	A/R	A/R	A/R	A/R
	37H1048	....	:Disc-Lower Spring 1.50 to 1.55mm	A/R	A/R	A/R	A/R
	37H1049	....	:Disc-Lower Spring 1.60 to 1.65mm	A/R	A/R	A/R	A/R
	37H1050	....	:Disc-Lower Spring 1.70 to 1.75mm	A/R	A/R	A/R	A/R
	37H1051	....	:Disc-Lower Spring 1.80 to 1.85mm	A/R	A/R	A/R	A/R
	37H1052	....	:Disc-Lower Spring 1.90 to 1.95mm	A/R	A/R	A/R	A/R
	37H1053	....	:Disc-Lower Spring 2.00 to 2.05mm	A/R	A/R	A/R	A/R
	37H1054	....	:Disc-Lower Spring 2.10 to 2.15mm	A/R	A/R	A/R	A/R



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
15	37H1005	....	:Barrel & Plunger	P4584/2	4			4
	27H8573	....	:Barrel & Plunger	P4584/3	4	4	4	4
16	37H1057	....	:Screw	....	8	8	8	8
17	LWN303 1416/0003	Superseded	:Washer	....	8	8	8	8
18	37H1058	....	:Air Screw	....	2	2	2	2
19	27H6903	....	:Washer	....	2	2	2	2
20	N.S.P.	....	:Tappet Assembly	Was 37H1004	4	4	4	4
21	37H1026	....	:Body	....	4	4	4	4
22	37H1027	....	::Roller	....	4	4	4	4
23	37H1028	....	::Bush	....	4	4	4	4
24	37H1029	....	::Pin	....	4	4	4	4
25	AAK52	....	:Retainer	....	4	4	4	4
26	37H1030	....	:Spacer	3.85 to 3.90mm	A/R	A/R	A/R	A/R
	37H1031	....	:Spacer	3.95 to 4.00 mm	A/R	A/R	A/R	A/R
	37H1032	....	:Spacer	4.05 to 4.10mm	A/R	A/R	A/R	A/R
	37H1033	....	:Spacer	4.15 to 4.20mm	A/R	A/R	A/R	A/R
	37H1034	....	:Spacer	4.25 to 4.30mm	A/R	A/R	A/R	A/R
	37H1035	....	:Spacer	4.35 to 4.40mm	A/R	A/R	A/R	A/R
	37H1036	....	:Spacer	4.45 to 4.50mm	A/R	A/R	A/R	A/R
	37H1037	....	:Spacer	4.55 to 4.60mm	A/R	A/R	A/R	A/R
	37H1038	....	:Spacer	4.65 to 4.70mm	A/R	A/R	A/R	A/R
	17H2397	....	:Spacer	4.8mm	A/R	A/R	A/R	A/R
	17H2398	....	:Spacer	4.9mm	A/R	A/R	A/R	A/R
	17H2399	....	:Spacer	5.00mm	A/R	A/R	A/R	A/R
27	37H1022	....	:'T'-Tappet Locating	....	2	2	2	2
28	37H1104	....	:Screw	....	2	2	2	2
29	N.S.P.	....	:Washer	Was 17H6897	2	2	2	2
32	37H1068	....	:Screw	....	1	1	1	1
33	LWN303 1416/0003	Superseded	:Washer	....	1	1	1	1
34	17H3999	....	:Plate	....	2	2	2	2
35	17H6882	....	:Banjo Screw	P4584/2	1			1
	27H8572	....	:Banjo Screw	P4584/3	1	1	1	1
36	AAK31 27H6903	Superseded	:Washer	....	2	2	2	2
37	37H1089	....	:Cover	....	1	1	1	1
38	37H1103 988/00027	Superseded	:Bolt	....	2	2	2	2

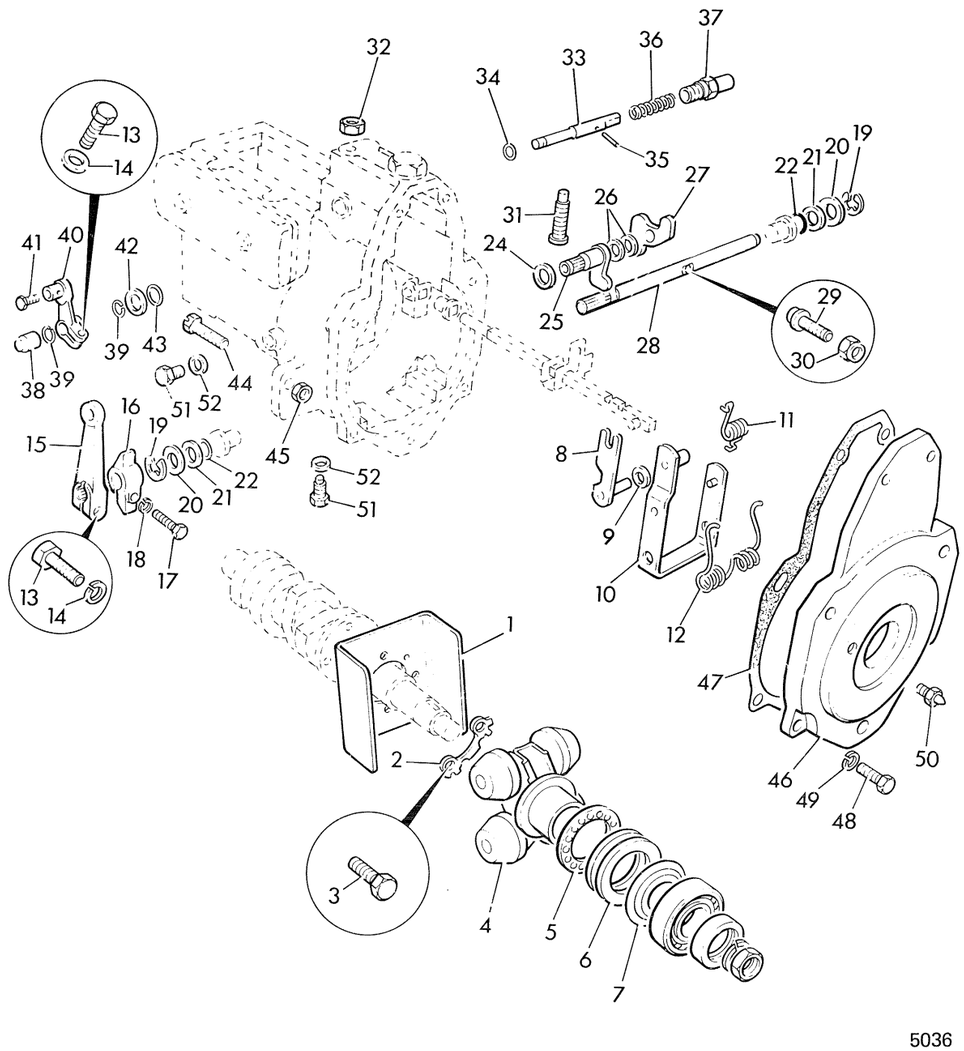


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
39	37H1090	....	:Seal	1	1	1	1
46	17H2996	....	:Rod	1	1	1	1
47	37H1020	....	:Control Fork	4	4	4	4
48	37H1021	....	:Screw	4	4	4	4
49	17H2396	....	:Bush	1	1	1	1
50	37H1019	....	:Governor Pin	1	1	1	1
52	AAK15	....	:Bearing	2	2	2	2
53	AAK19	....	:Oil Seal	1	1	1	1
54	AAK13	....	:Shim .004in. (0.1mm)	2	2	2	2
54	AAK14	....	:Shim .008in. (0.2mm)	2	2	2	2
56	WKN505	....	:Key	1	1	1	1
57	LWN208 1416/0008	Superseded	:Washer	1	1	1	1
58	37H1071	....	:Lock Nut	1	1	1	1
59	37H1086	....	:Filler Plug	1	1	1	1
61	27H4852 37H2191	Superseded	:Adapter-Inlet	1	1	1	1
62	BMK95	....	:Washer	1	1	1	1
63	17H1212	....	:Bush	2	2	2	2
64	27H3424	....	:Cover and Bush	1	1	1	1
65	27H3425	....	:Camshaft	1			1
	37H1745	....	:Camshaft		1	1	1
66	17H9219	....	::Dowel	1	1	1	1
67	37H1749	....	:Nut		4	4	4
68	37H1750	....	:Olive		4	4	4
69	37H1751	....	:Connector		1	1	1
70	NCS405	....	:Bolt Not illustrated		2	2	2
71	37D2106	....	:Hub		1	1	1
72	27H8571	....	:Drain Plug	1	1	1	1
73	27H8660	....	:Service Plug	1	1	1	1

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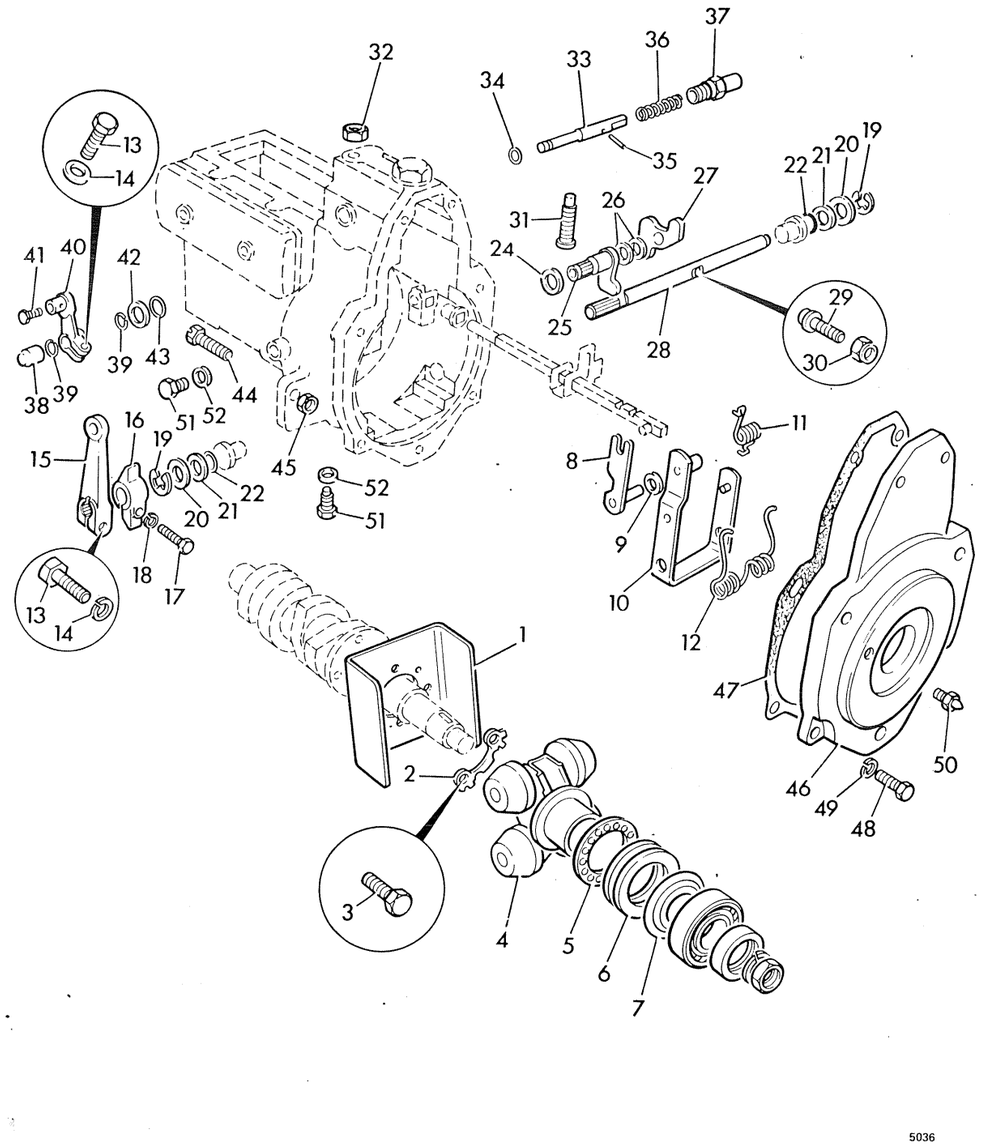
Pages EA22 to EA26

EA 22 INJECTION PUMP GOVERNOR



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ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	17H2999	....	Back Plate	1	1	1	1
2	17H3515	....	Tab Washer	2	2	2	2
3	17H3516	....	Screw Back Plate to Camshaft	4	4	4	4
4	37H1013	....	Governor Weight	1	1	1	1
5	37H1081	....	Thrust Bearing	1	1	1	1
6	37H1080	....	Thrust Pad	1	1	1	1
7	37H1107	....	Baffle Washer	1	1	1	1
8	37H1009	....	Link Plate	1	1	1	1
9	37H1105	....	Shim	1	1	1	1
10	37H1010	....	Lever-Racking	1	1	1	1
11	37H1093	....	Spring-Racking Lever	1	1	1	1
12	37H1101	....	Governor Spring	1			1
	37H1744	....	Governor Spring		1	1	1
13	37H1069	....	Screw Stop and Control Levers	2	2	2	2
14	LWN303 1416/0003	Superseded	Spring Washer	2	2	2	2
15	37H1106	....	Control Lever	1	1	1	1
16	37H1091	....	Quadrant-Stop	1			1
	27H3724	....	Quadrant-Stop		1	1	
17	37H1070	....	Screw	1	1	1	1
18	LWN303 1416/0003	Superseded	Spring Washer	1	1	1	1
19	17H1219 37H3491	Superseded	Clip	2	2	2	2
20	37H1078	....	Washer	2	2	2	2
21	17H3518	....	Dished Spring Washer	1	1	1	1
22	37H1065	....	Nu-lip Ring	2	2	2	2
24	37H1110	....	Thrust Washer	1			1
	17H6918	....	Thrust Washer		1	1	
25	37H1012	....	Stop-Shaft	1	1	1	1
26	37H1073	....	Sealing Washer	2	2	2	2
27	37H1088	....	Lever-Maximum Stop	1	1	1	1
28	37H1100	....	Control Shaft	1	1	1	1
29	37H1099	....	Pin	1	1	1	1
30	37H1072	....	Nut	1	1	1	1



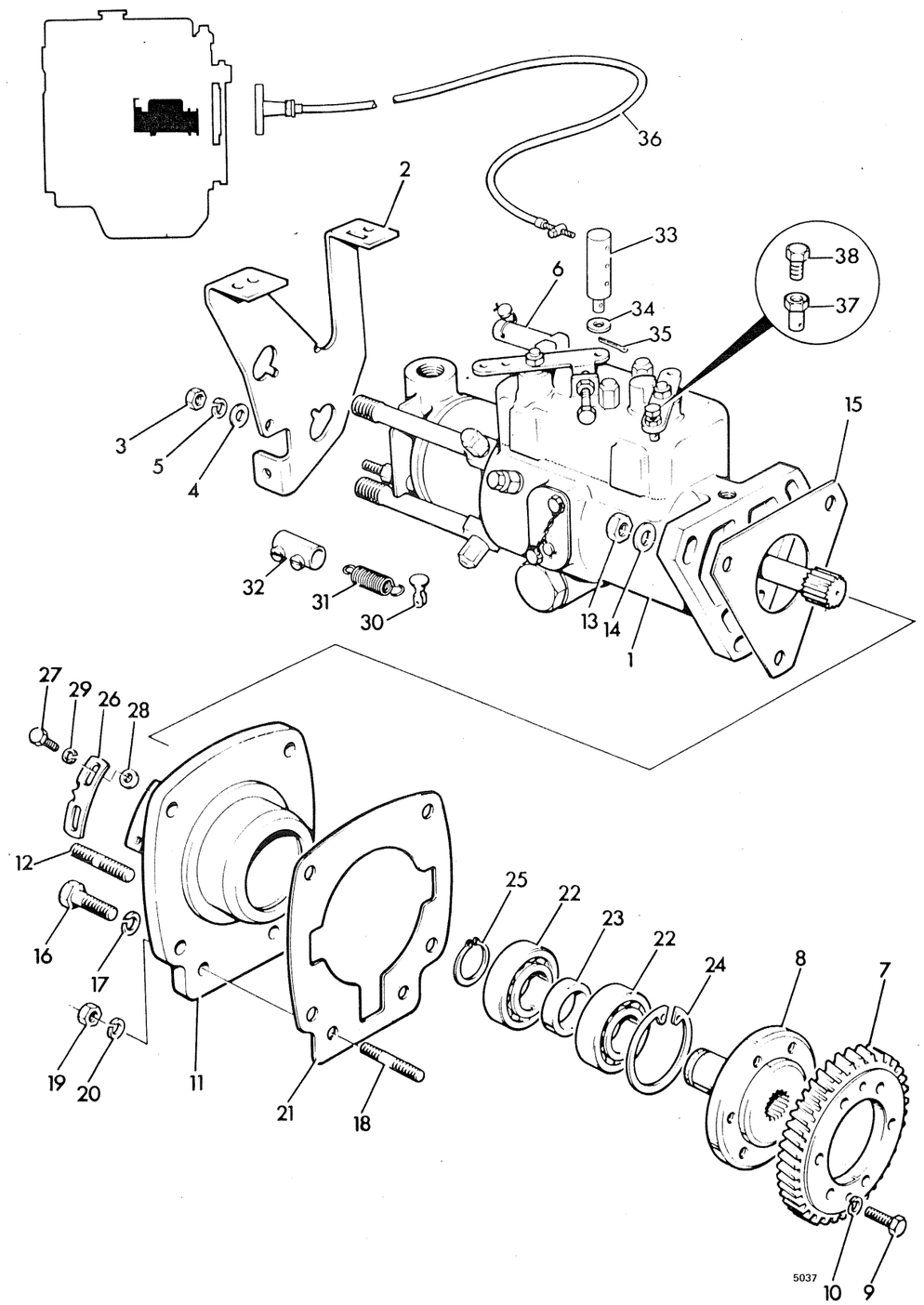
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ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
31	37H1079	....	Screw	1	1	1	1
32	FNN105 1340/0101	Superseded	Nut	1	1	1	1
33	37H1095	....	Excess Fuel Shaft	1	1	1	1
34	17H9217	....	Seal	1	1	1	1
35	37H1063	....	Pin	1	1	1	1
36	27H6664	....	Return Spring	1	1	1	1
37	37H1074	....	Bearing	1	1	1	1
38	37H1096	....	Shroud-Excess Shaft	1	1	1	1
39	AAK379	....	Ring-Spring	2	2	2	2
40	37H1011 37H2192	Superseded	Stop Control Lever	1	1	1	1
41	37H1067 27H5812	Superseded	Screw — Stop Cable to Lever	1	1	1	1
42	37H1078	....	Washer	1	1	1	1
43	37H1064	....	'0' Ring	1	1	1	1
44	37H1092 17H9228	....	Screw-Stop .... Screw-Stop	2	2	2	2
45	FNN105 1340/0101	Superseded	Nut	2			2
	AAK125	....	Nut		2	2	
46	37H1102 988/00026	Superseded	Governor Cover	1			1
	37H1746	....	Governor Cover		1	1	
47	37H1094	....	Gasket — Governor Cover to Pump	1	1	1	1
48	37H1066	....	Screw — Governor Cover to Pump	4			4
	37H1066	....	Screw — Governor Cover to Pump		2	2	
	37H1748	....	Screw — Governor Cover to Pump			1	1
49	LWN304	....	Spring Washer	4	4	4	4
50	37H1009	....	Indicator-Timing	1			1
	37H1747	....	Indicator-Timing		1	1	
51	17H3519	....	Plug-Oil Level	1	1	1	1
	27H8571	....	Drain Plug	1	1	1	1
52	37H1059	....	Washer-Oil Level Plug	1			1
	27H6903	....	Washer-Oil Level Plug		1	1	
	17H1215	....	Washer-Drain Plug	1	1	1	1

EA 23 INJECTION PUMP

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110M **ISSUE** 2*

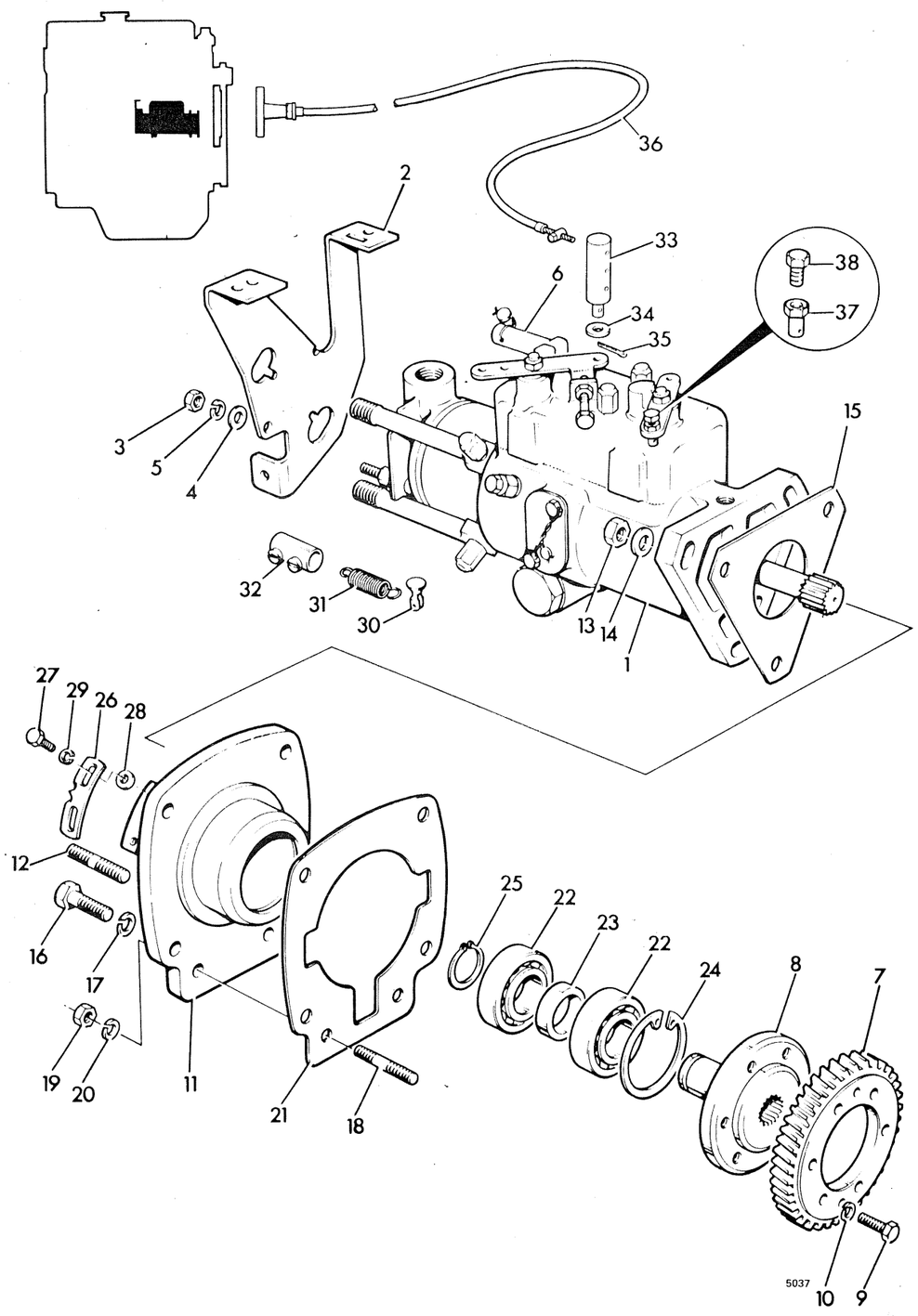


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	83H0704 AAU2903	Superseded	Injection Pump	CAV No. 3249F850	1
2	86K1230 86K1498	Superseded	Support Bracket	....	4
3	1358/0201	....	Nut	....	4
4	1414/0011	....	Washer	....	4
5	1416/0003	....	Washer	....	4
6	02/300078	....	*Plug	....	1
7	02/390008	....	*Gear	....	1
8	02/300079	....	*Hub	....	1
9	1305/0105	....	Bolt	....	6
10	1416/0005	....	Washer	....	6
11	02/300080	....	*Housing	....	1
12	826/00448	....	*:Stud	....	3
13	1340/0101	....	Nut	....	3
14	1411/0002	....	*Washer	....	3
15	813/00218	....	*Gasket	....	1
16	1305/0206	....	Bolt	....	4
17	1416/0006	....	Washer	....	4
18	826/00579	....	*Stud	....	2
19	1340/0101	....	Nut	....	2
20	1416/0005	....	Washer	....	2
21	813/00219	....	*Gasket	....	1
22	916/03400	....	*Bearing	....	2
23	02/300081	....	*Distance Piece	....	1
24	2203/1059	....	*Circlip	....	1
25	2203/0036	....	*Circlip	....	1
26	02/300082	....	*Indicator	....	1
27	1360/0204	....	Screw	....	2
28	1414/0011	....	Washer	....	2
29	1416/0003	....	Washer	....	2
30	02/300083	....	*Plunger	....	1
31	02/300084	....	*Spring	....	1
32	02/300085	....	*Sleeve	....	1
33	108/74801	....	Connector		1

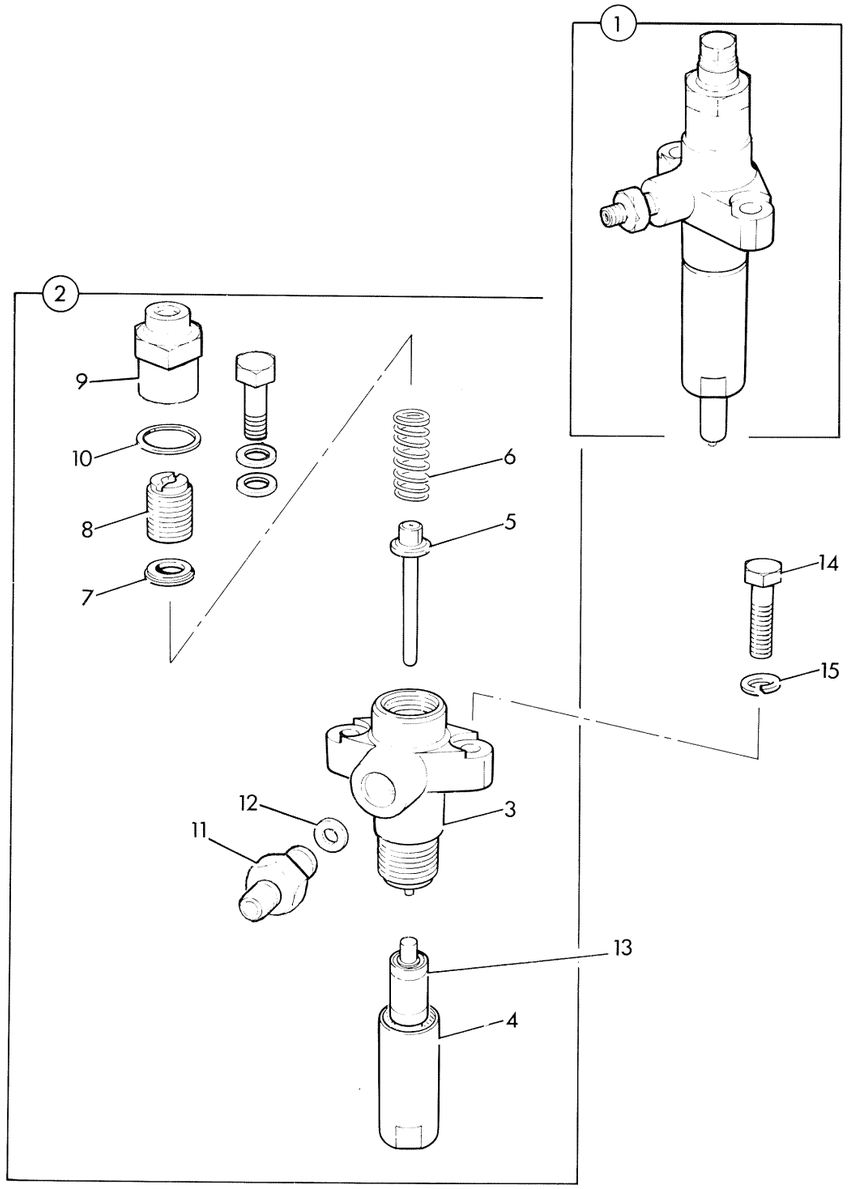
EA 23 INJECTION PUMP

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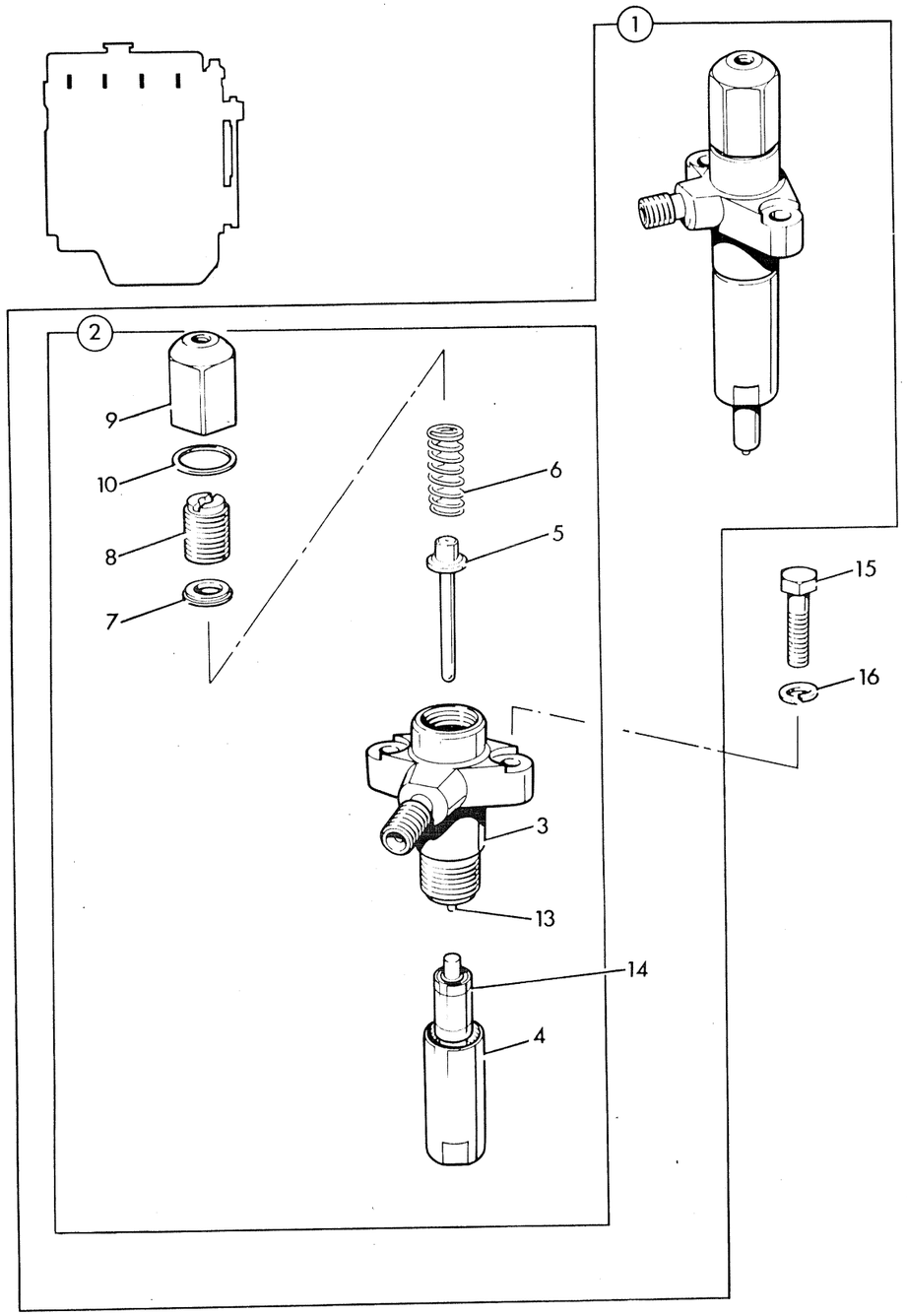
110M **ISSUE** 2*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
34	1414/0011	....	Washer	Swedish	1
35	2103/0305	....	Split Pin		1
36	910/08800	....	Cable		1
37	02/300085	....	*Connector	....	1
38	02/300086	....	*Bolt	....	1

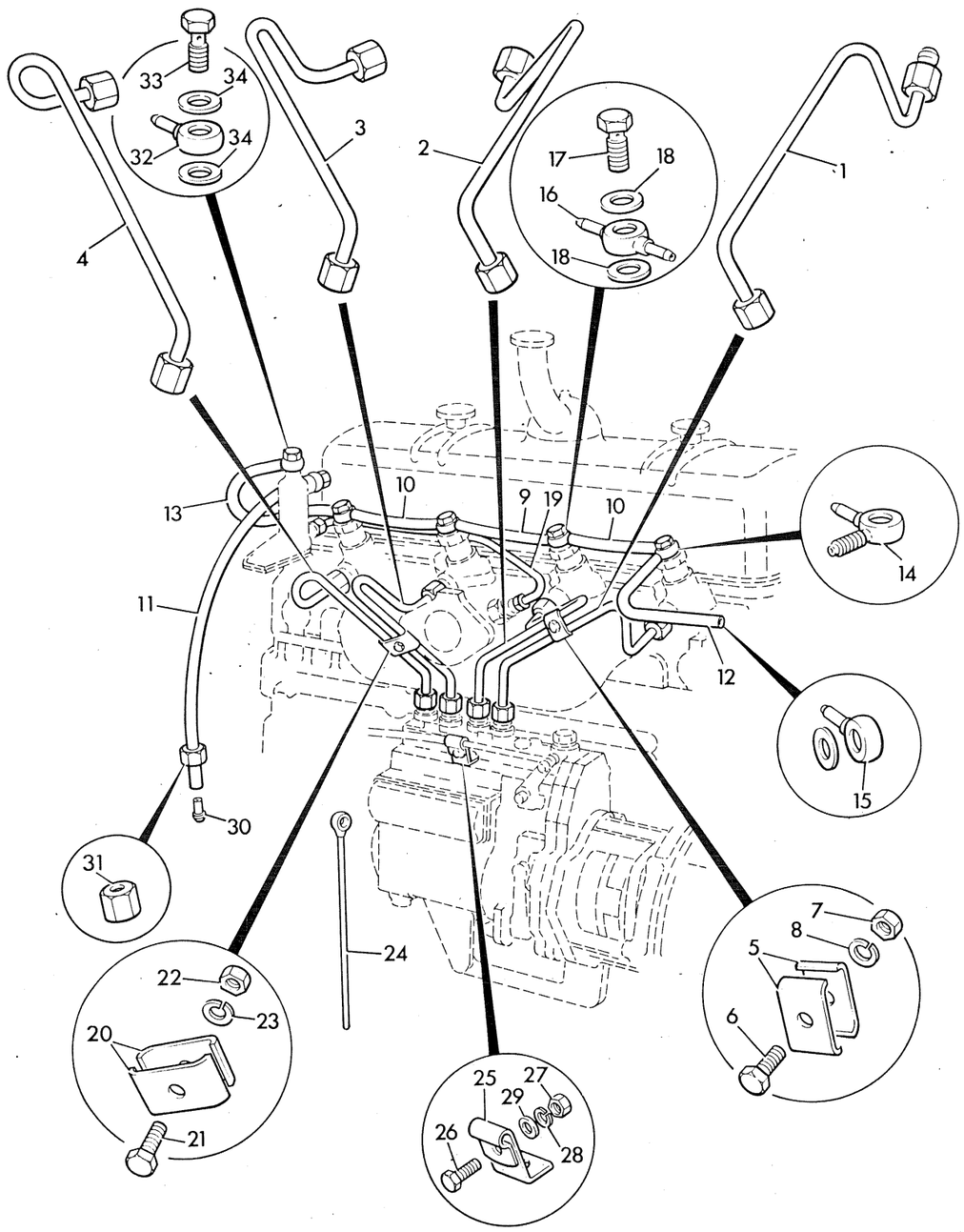


ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	988/00006	....	Injector Assy	Simms NL341	4			4
	988/00006 13H5858 83H159	To E29266 To E46840	Injector Assy 13H5858 N/A Use 4 off 83H159	Simms NL341 Simms NL606 CAV 2L				
	13H6378	....	Injector Assy.	CAV2K			4	
2	AAK150 17/100301	To E46840	*:Nozzle Holder	Simms .... CAV	1	1	1	1
3	N.S.P.	....	::Body	Was AAK106	1	1	1	1
4	17/100105	....	*::Nut	....	1	1	1	1
5	AAK108	....	::Spindle	....	1	1	1	1
6	AAK109	....	::Spring	....	1	1	1	1
7	AAK110 17/100304	See Remarks	*::Plate	AAL110 & AAK111 N/A Use 27H6982 with 27H8672	1	1	1	1
8	AAK111 17/100107	See Remarks	*::Screw	....	1	1	1	1
9	AAK112	....	::Cap Nut	....	1	1	1	1
10	AAK114	....	::Washer	....	1	1	1	1
11	17H8217	....	....::Adapter	Simms	1	1	1	1
12	AAK115	....	::Washer	Simms	1	1	1	1
13	83H160	....	....:Nozzle	Simms NL341 .... CAV (2L) BDLL140S6581	1			1
	BMK1057 BMK646 83H160 13H5859 83H160	Superseded Superseded To E29266 To E46840	:Nozzle	Simms NL382 .... Simms NL341 CAV (2L) BDLL140S6581 Simms NL606 CAV (2L) BDLL140S6581		1	1	1
	13H6379	....	:Nozzle	CAV (2K) BDLL150S6476			1	
14	1305/3109	....	Bolt	....	2	2	2	2
15	1416/0005	....	Washer	....	2	2	2	2
	17H9418	....	Dowel	....	1	1	1	1
	37H3802	....	Shim	....		A/R		A/R



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	17/100300	....	*Injector Assy;.	CAV2N 4	
2	17/100301	....	*:Nozzle Holder	....	1
3	17/100302	....	*::Body	....	1
4	17/100105	....	*::Nut	....	1
5	17/100303	....	*::Spindle	....	1
6	17/100106	....	*::Spring	....	1
7	17/100304	....	*::Plate	....	1
8	17/100107	....	*::Adjusting Screw	....	1
9	17/100305	....	*::Cap Nut	....	1
10	17/100109	....	*::Washer	....	1
11	Not Applicable	....	::Adapter	Was 27H827	1
12	Not Applicable	....	::Washer	Was 17H6666	1
13	17/100306	....	*::Dowel 2.93	....	2
	17/100307	....	*::Dowel 2.94		
14	17/100308	....	*:Nozzle Assy.	....	1
15	1305/3109	....	Bolt	....	2
16	1416/0005	....	Washer	....	2

EA 25 FUEL INJECTION PIPES

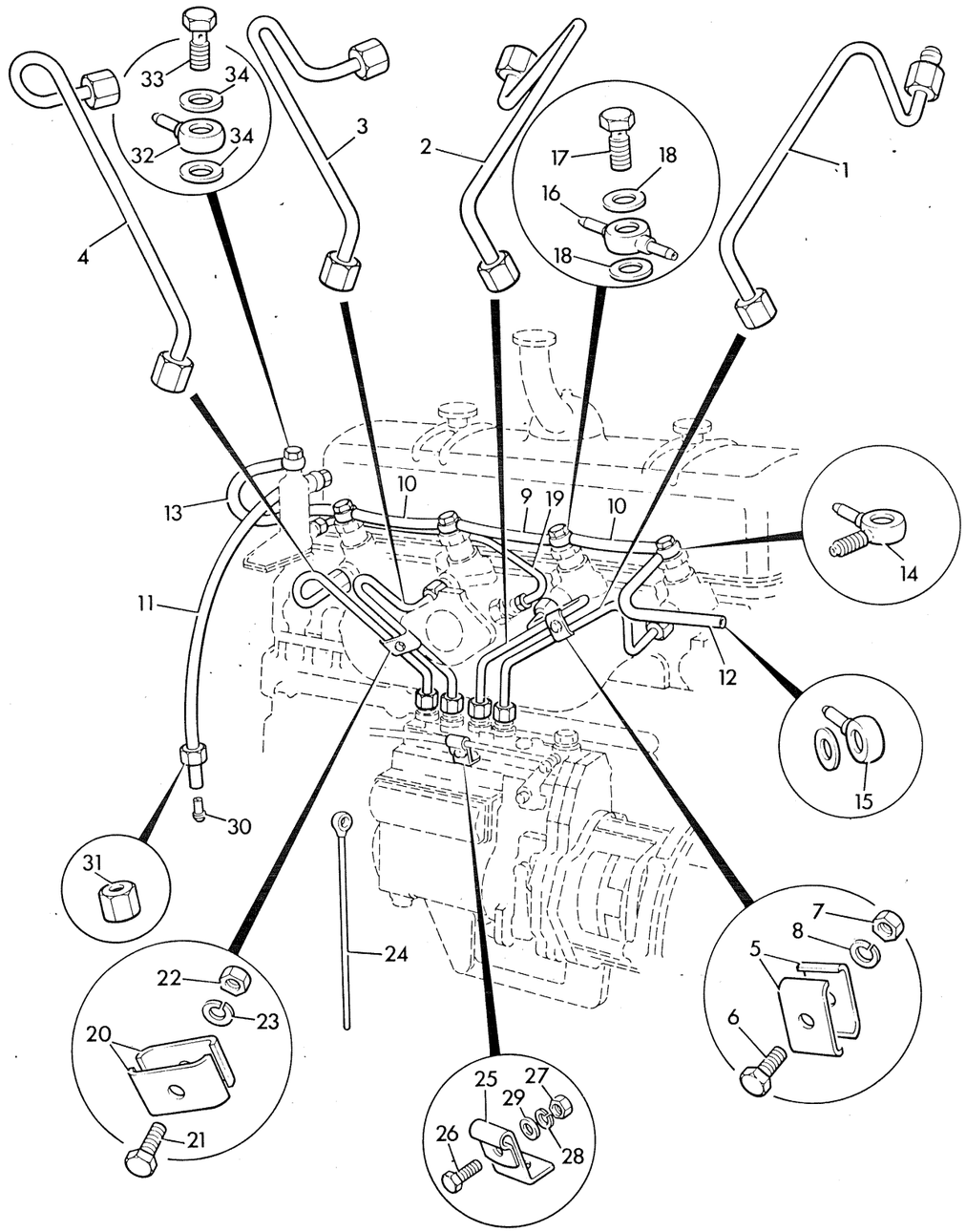


5040

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	CMK413	....	Pipe	Injection Pump to No. 1 Cylinder	1
2	CMK415	....	Pipe	Injection Pump to No. 2 Cylinder	1
3	CMK442	....	Pipe	Injection Pump to No. 3 Cylinder	1
4	CMK444	....	Pipe	Injection Pump to No. 4 Cylinder	1
5	02/300073	....	*Clamp	No. 1 and No. 2 Pipes	2
6	1305/0004	....	Screw	....	1
7	1340/0001	....	Nut	....	1
8	LWN304	....	Spring Washer	....	1
9	988/00181	....	Pipe 4.11/16in. (119.9mm) Centre		1
10	988/00181	....	Pipe 4.3/4in. (104.8mm) Intermediate	Supplied in Multiples of	2
11	988/00181	....	Nylon Pipe 5.7/8in. (149.2mm) Rear	1 foot.	As reqd
12	988/00181	....	Pipe 8.15/16in. (227.0mm) Rail to Filter		1
13	988/00181	....	Pipe 7.1/16in (179.3mm) Rail to Thermostat		1
14	CMK335	....	Banjo	Right Angled	1
15	816/70003	....	*Banjo	Single Ended	1
16	816/70004	....	*Banjo	Straight Through	3
17	AAK280	....	Banjo Bolt	....	4
18	27H6903	....	Washer	....	10
19	37D1731	....	Pipe Assembly	Thermostart tank to Thermostart	1
20	02/300073	....	*Clamp	No.3 and No.4 Pipes	2
21	1305/0004	....	Bolt	....	1
22	1340/0001	....	Nut	....	1
23	LWN304	....	Spring Washer	....	1
24	816/70003	....	*Oil Level Pipe	....	1

EA 25 FUEL INJECTION PIPES

110M **ISSUE** 2*

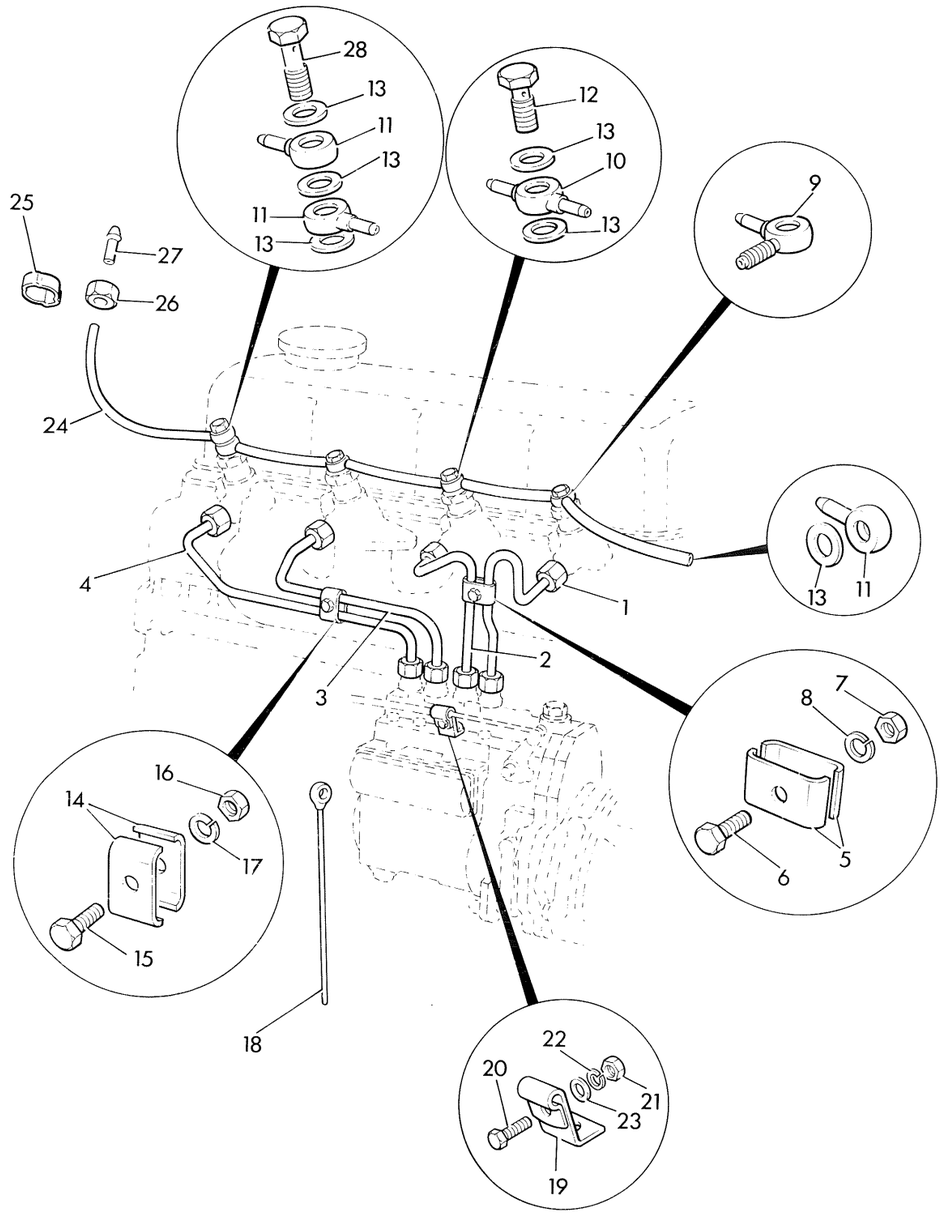


5040

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
25	N.S.P.	....	Clip	Engine Stop Control	1
26	53K126	....	Bolt	Stop Control to Clip	1
27	FNZ103	....	Nut	....	1
28	1416/0003	....	*Spring Washer	....	1
29	PWZ103	....	Plain Washer	....	1
30	CMK329	....	Nipple	....	1
31	AMK798 AHH5385	Superseded	Union Nut	....	1
32	816/70005	....	*Banjo	....	1
33	816/75008	....	*Banjo Bolt	....	2
34	17H1165 37H439	Superseded	Copper Washer	....	4

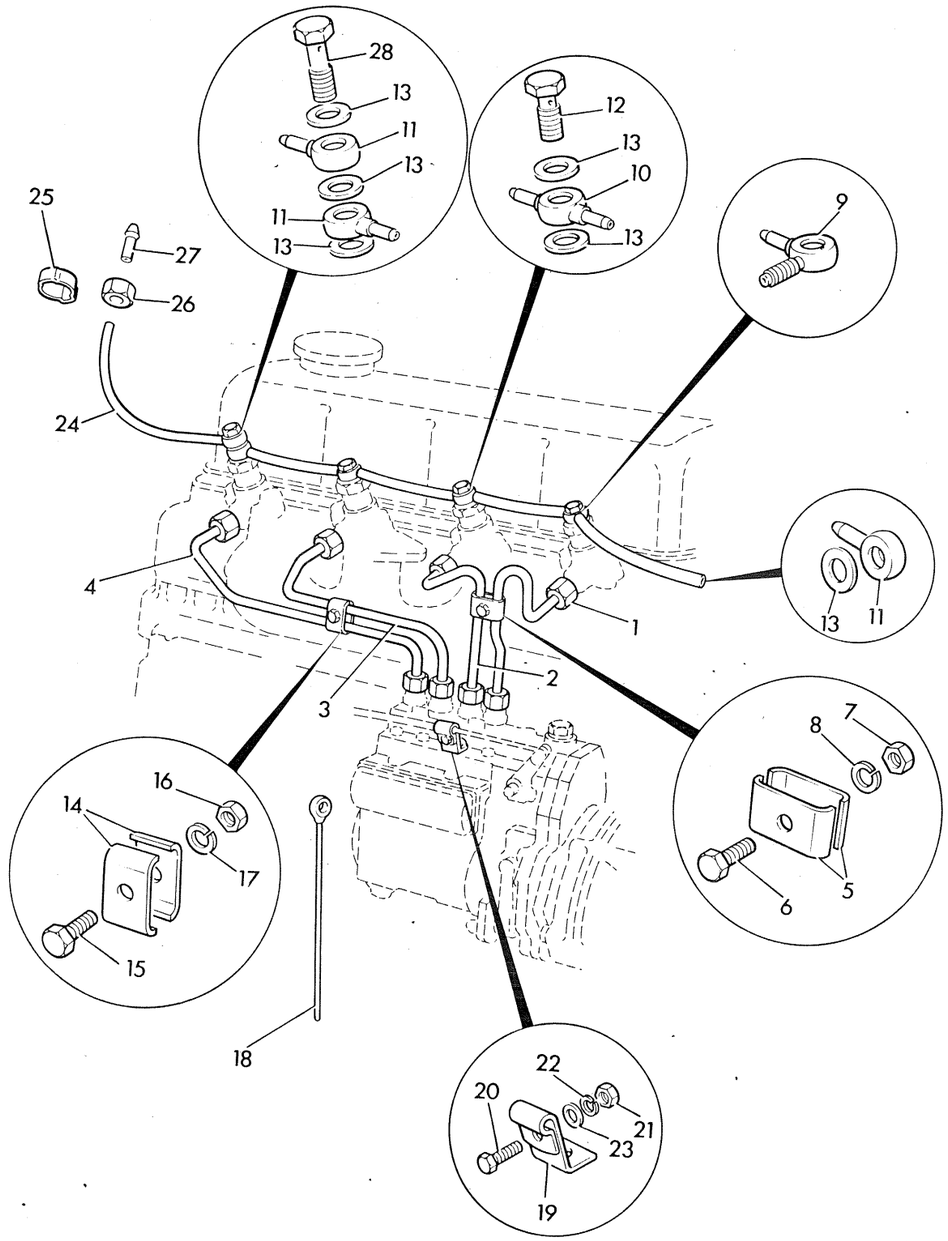
EA 25–1 FUEL INJECTION PIPES

110M ISSUE 3*



5041

ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	37D2117	....	Pipe	Injection Pump to No. 1 Cylinder		1	1	1
2	37D2118	....	Pipe	Injection Pump to No. 2 Cylinder		1	1	1
3	37D2119	....	Pipe	Injection Pump to No. 3 Cylinder		1	1	1
4	37D2120	....	Pipe	Injection Pump to No. 4 Cylinder		1	1	1
5	02/300073	....	*Clamp	No. 1 and No. 2 Pipes		2	2	2
6	1305/0004	....	*Screw	....		1	1	1
7	FNN104	....	Nut	....		1	1	1
8	1416/0004	....	Spring Washer	....		1	1	1
	988/00181	....	Nylon Pipe	....		A/R	A/R	A/R
9	CMK335	E34910 38TD	Banjo	....		1	1	1
10	816/70004 816/70004	E34910 38TD	*Banjo	....		3 2	3 2	3 2
11	816/70003 816/70003	E34910 38TD	*Banjo	....		1 3	3	1 3
12	AAK280 AAK280 816/75007	E34910 38TD E46840	*Banjo Bolt	....		6 3	6 3	6 3
13	27H6903 823/00215	E46840 38TD	*Washer	....		11	11	11
14	02/300075	....	*Clamp	No. 3 and No. 4 Pipes		2	2	2
15	1305/0004	....	Screw	....		1	1	1
16	1340/0001	....	Nut	....		1	1	1
17	1416/0004	....	Spring Washer	....		1	1	1
18	816/70003	....	*Oil Level Pipe	....		1	1	1
19	CMK601	....	Clip	Engine Stop Control		1	1	1
20	53K126	....	Bolt	Stop Control to Clip		1	1	1
21	FNZ103	....	Nut	....		1	1	1
22	1416/0003	....	*Spring Washer	....		1	1	1
23	PWZ103	....	Washer	....		1	1	1

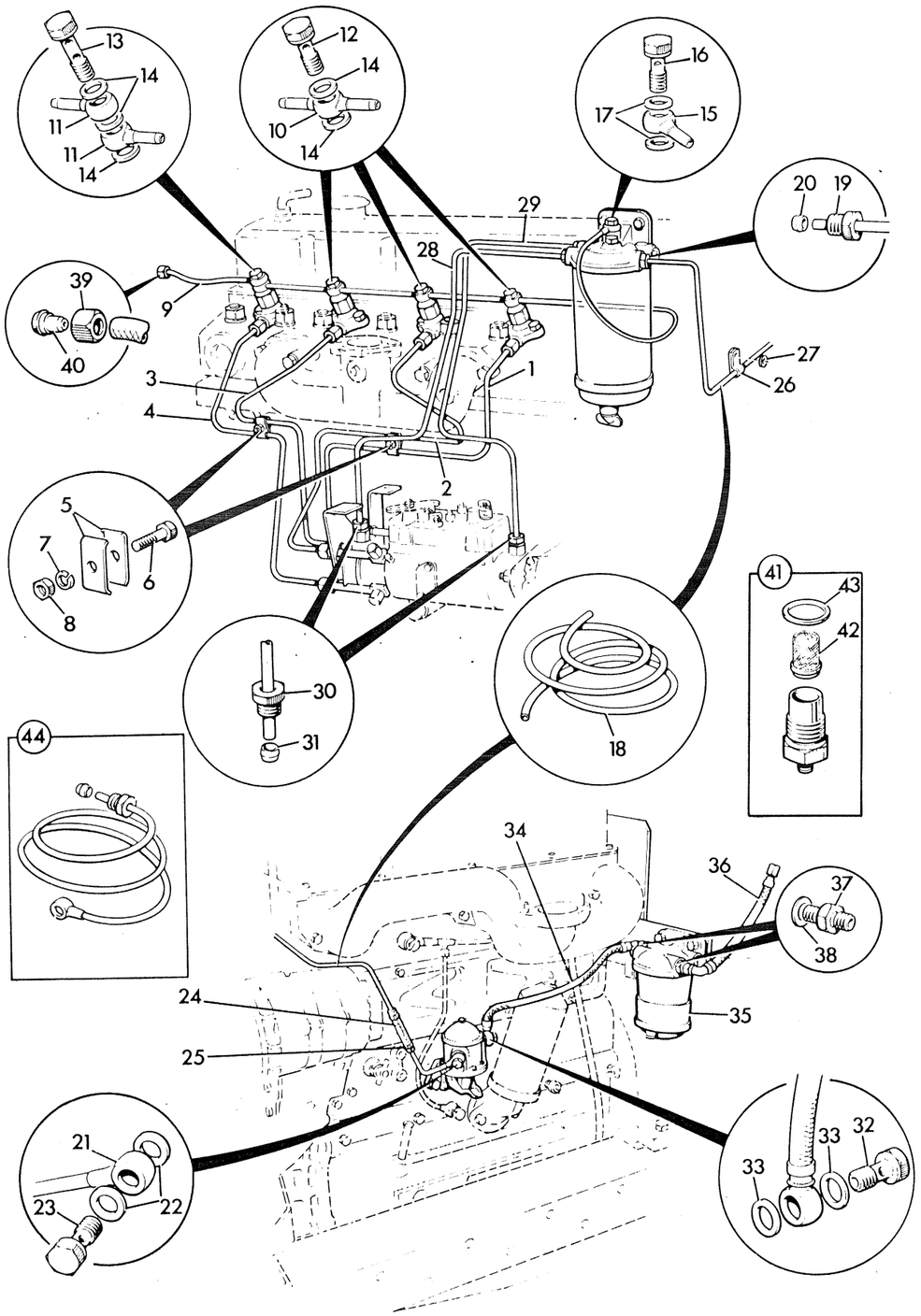


5041

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
24	103/65006 97H2772M 988/00181	Superseded Superseded	Pipe		1	1	1
25	G34/1 Deleted	....	'O' Clip		1	1	1
26	202/26003 826/00183	Superseded	Nut		1	1	1
27	202/26002 816/00343 816/00374	No/Con.	Nipple		1	1	1
28	AMK1266 988/00092	Superseded E34911 on	*Banjo Bolt		1	1	1

EA 25–2 FUEL INJECTION PIPE

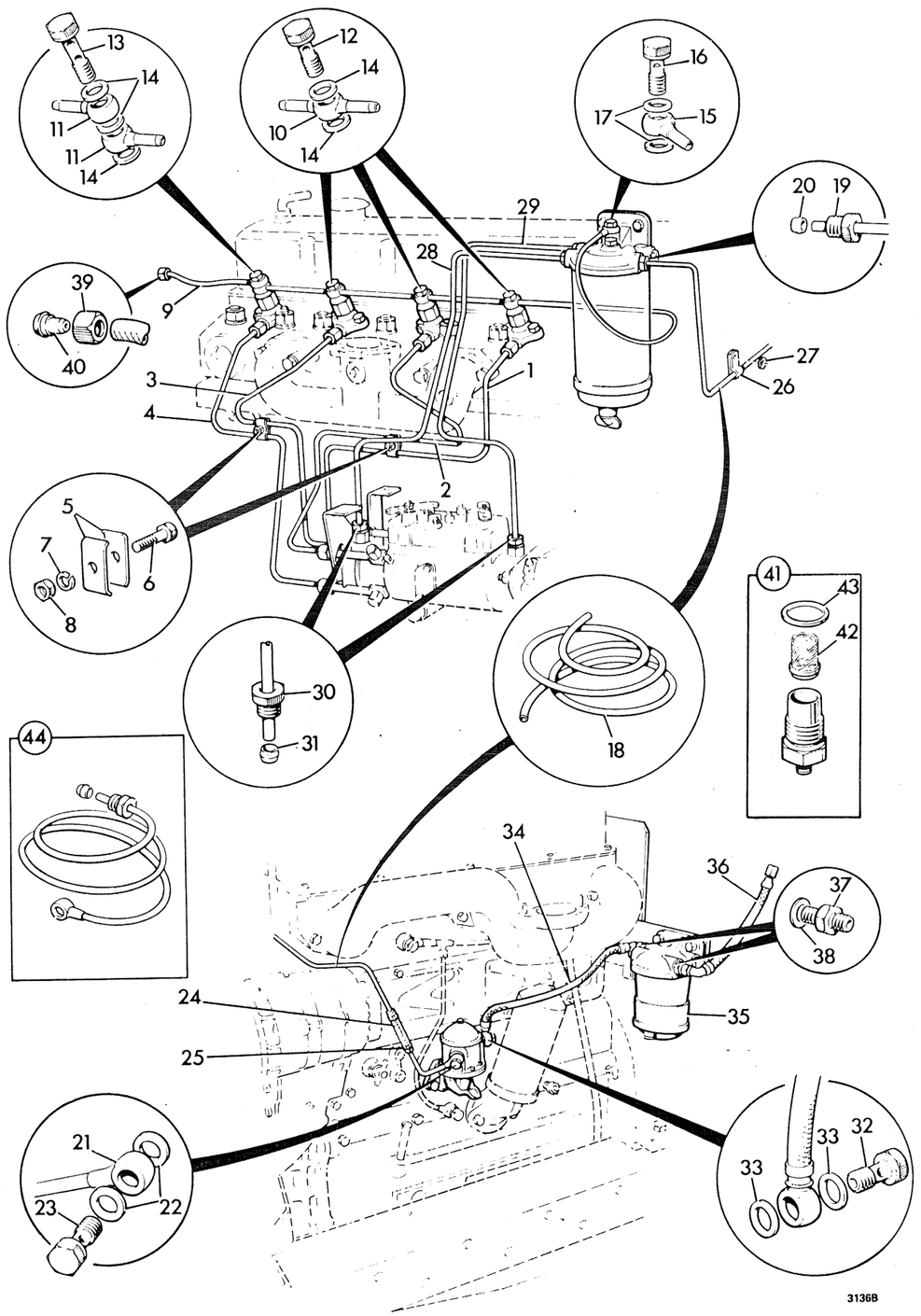
110M **ISSUE** 3*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	86K851 988/00092	Superseded	Pipe No. 1 Cylinder	....	1
2	86K853 988/00062	Superseded	Pipe No.2 Cylinder	....	1
3	86K855 988/00093	Superseded	Pipe No.3 Cylinder	....	1
4	86K857 988/00063	Superseded	Pipe No.4 Cylinder	....	1
5	02/300073	....	*Clamp	....	2
6	1305/0004	....	Bolt	....	2
7	1416/0004	....	Washer	....	2
8	1340/0002	....	Nut	....	2
9	97H2772M 988/00181	Superseded	Spill Pipe	....	As reqd
10	816/70004	....	*Banjo	....	3
11	816/70003	....	*Banjo	... .	2
12	816/75007	....	*Banjo Pin	....	3
13	816/75006	....	*Banjo Pin	....	1
14	823/00215	....	*Washer	....	9
15	816/70005	....	*Banjo	....	1
16	816/75008	....	*Banjo Pin	....	1
17	823/00084	....	*Washer	....	2
18	37H3148 988/00064	Superseded	Pipe (Roll)	....	As Reqd.
19	826/00590	....	*Nut	....	1
20	826/00591	....	*Olive	....	1
21	AMK115	....	Banjo	....	1
22	823/00107	....	Washer	....	2
23	816/75003	....	*Banjo Pin	....	1
24	37H7615M	....	Flex Pipe	....	As Reqd.
25	HCS208 G34/1	....	Clamp	....	2
26	02/300075	....	*Clip	....	1
27	1410/0002	....	Washer	....	1
28	86K1148	....	Pipe	Filter to Injection Pump	1

EA 25–2 FUEL INJECTION PIPE

110M **ISSUE** 2*

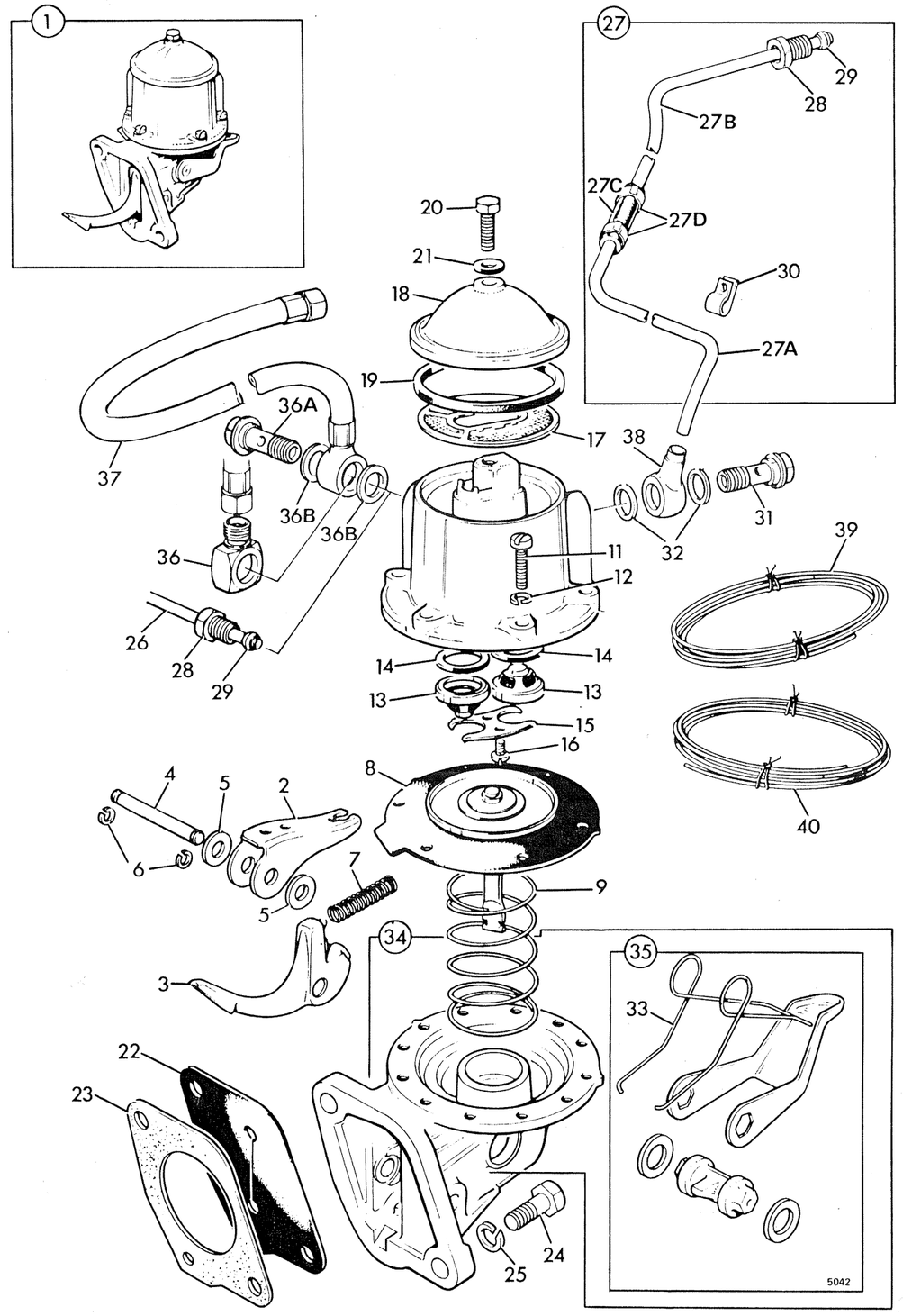


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
29	86K1150	....	Pipe	Injection Pump to Filter	1
30	826/00590	....	*:Nut	....	2
31	826/00591	....	*Olive	....	2
32	816/75003	....	*Banjo Bolt	....	1
33	103/65703	....	Washer	....	2
34	See Page EA26 649/04500 649/04700	To M110551 See Remarks	Hose	649/04500 N/A Use 649/04700 with 649/04800	1
35	See Index	....	Sedimenter	....	1
36	649/04600 649/04800	Superseded	Hose	....	1
37	816/00361	....	Adapter	....	2
38	1403/0002	....	Washer	....	2
39	826/00183	....	Nut	....	1
40	816/00374	....	Nipple	....	1
41	990/52200 108/71300 106/99600	To M111104 Superseded	Adapter/Filter	1/2in. B.S.P. 1 in. B.S.P.	1
42	32/600200 32/900800	To M116564	:Filter	....	1
43	1406/0008 1406/0026	To M111104	:Seal	....	1
44	86K1560	....	*Pipe	Lift Pump to Filter	1

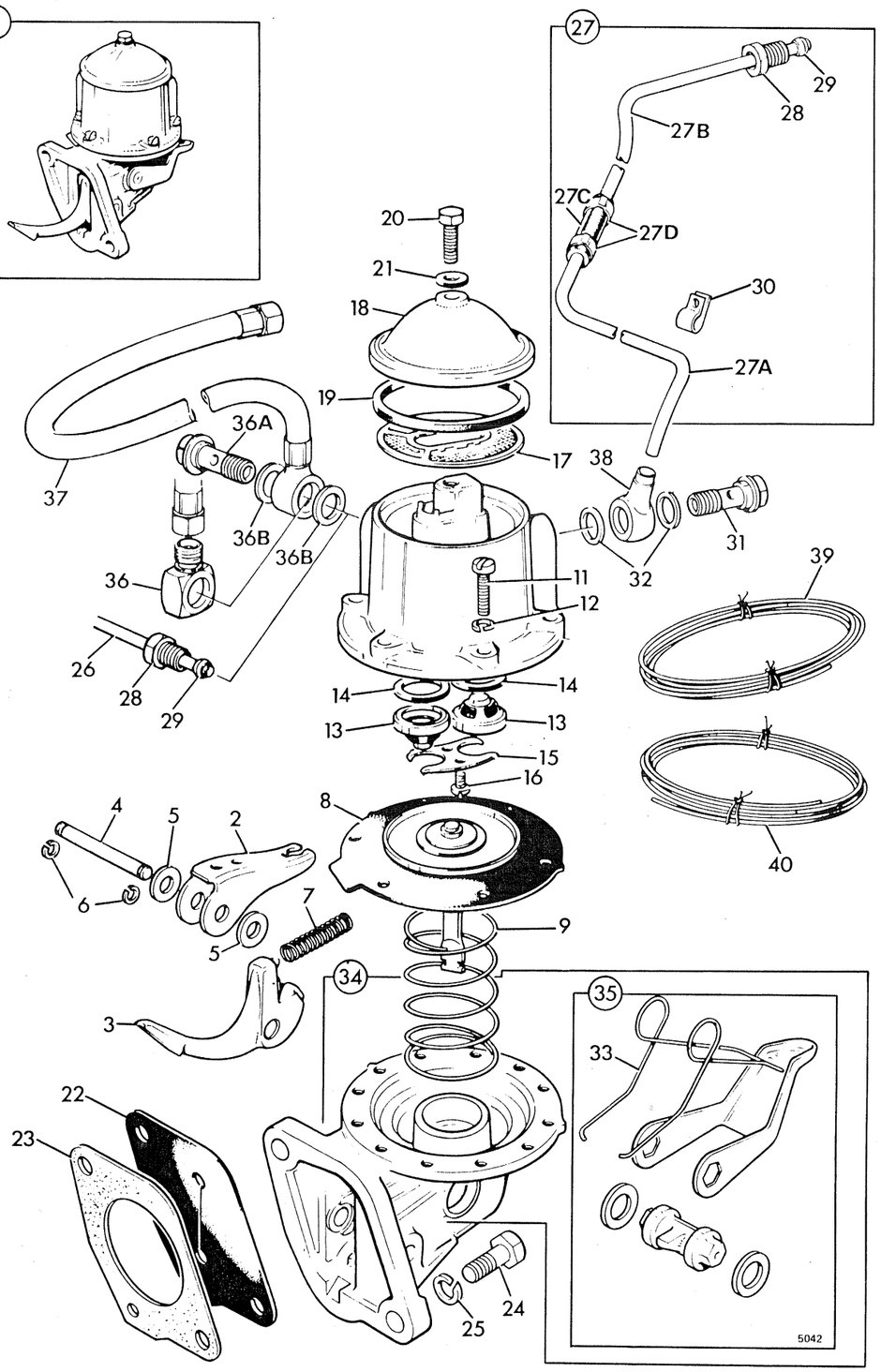
EA 26 FUEL LIFT PUMP

5042

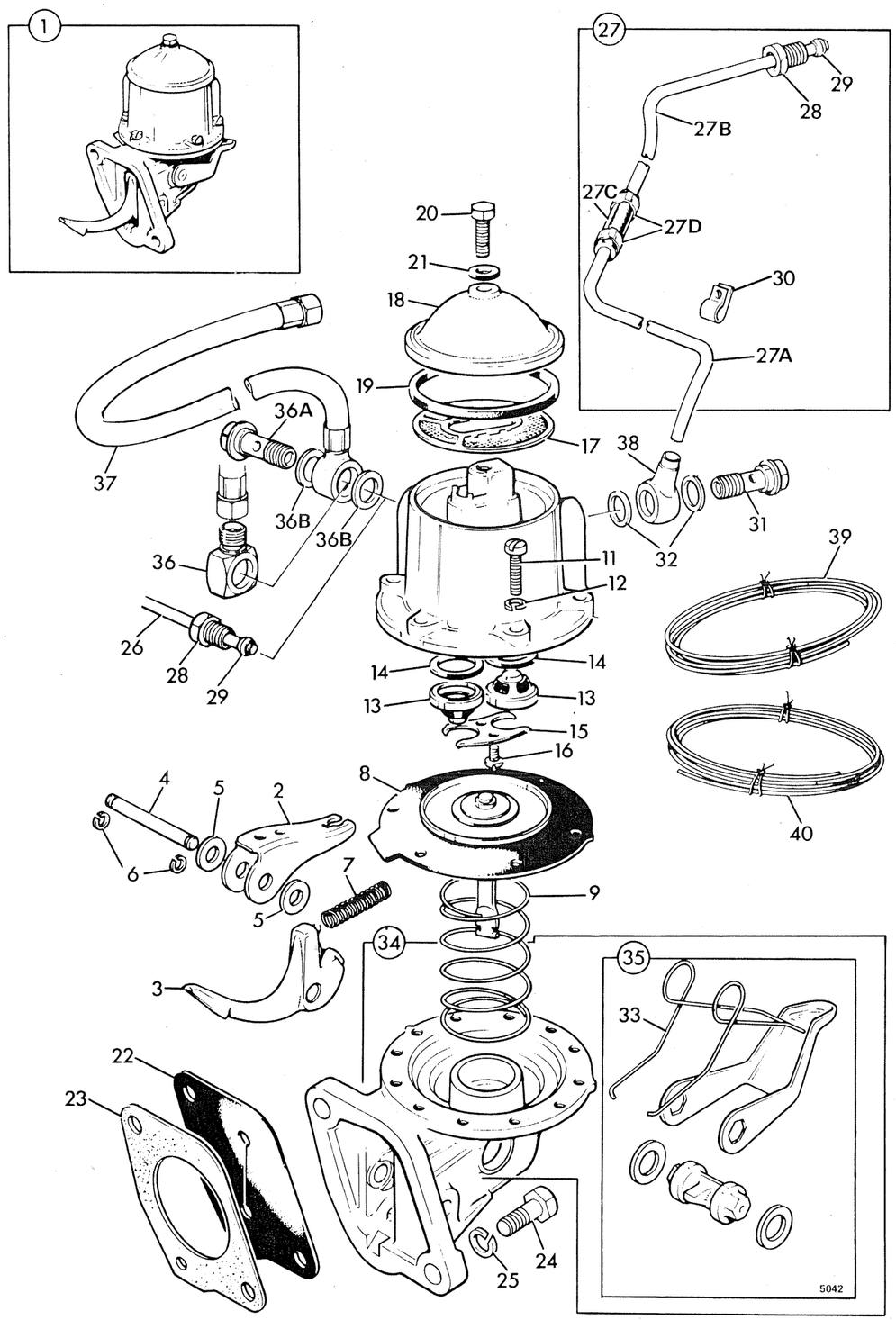
110M **ISSUE** 2*



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	17/400300 988/00043	....	*Pump	....	1	1	1	1
2	N.S.P.	....	:Link	Was 7H814	1	1	1	1
3	17/400304	....	*:Rocker Arm	....	1	1	1	1
4	N.S.P.	....	:Pin	Was 7H813 & 27H4562	1	1	1	1
5	N.S.P.	....	:Washer	Was 7H811	1	1	1	1
6	N.S.P.	....	:Clip	Was 7H1388 & 27H4561	1	1	1	1
7	N.S.P.	....	:Spring	Was 7H812	1	1	1	1
8	37H4072	....	*:Diaphragm	....	1			
	37H4072 17/400307	To E62908	:Diaphragm			1		
9	17H179 17/400308	To E62908	*:Spring	....	1	1	1	1
10	N.S.P.	....	:Housing	Was 7H815 & 27H6522	1	1	1	1
11	PMN310 17/400309	To E62908	*:Screw	....	6	6	6	6
12	1416/0003	....	*:Washer	....	6	6	6	6
13	515036	....	:Valve	Was 7H1561	2	2	2	2
14	N.S.P.	....	:Seal	Was 7H816	2	2	2	2
15	N.S.P.	....	:Retained	Was 7H1670	1	1		
16	7H1483	... .	:Screw	....	2	2		
17	17/400305	....	*:Strainer	....	1	1	1	1
18	7H1405 59650	Superseded	*:Cover	Correction was 56650	1	1	1	1
19	17H301	....	:Seal	....	1	1	1	1
20	HZS405	....	:Bolt	....	1	1	1	1
21	7H1408 010072	Superseded	:Washer	....	1	1	1	1
34	N.S.P.	....	:Body	Was 7H1560	1	1	1	1
35	H7/69	....	::Primer Parts Set	....	1	1	1	1
33	17/400302	....	*:::Spring	....	1	1	1	1
	8G2040 17/400303	To E62908	*:Major Repair Kit	....	1	1	1	1
	8G2039 8G8844	To E62908	:Minor Repair Kit	....	1	1		



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
22	816/00220	....	*Gasket	1	1	1	1
23	37D2891	....	Gasket	1	1	1	1
24	HZS508 1305/0106	Superseded	Bolt	2	2	2	2
25	LWN305 1416/0005	Superseded	Washer	2	2	2	2
26	N.S.P. See Item 40	....	Pipe-Filter Bowl to Pump-Was ATJ3101	1			1
27	CMK1251	....	Pipe-Pump to Filter	1			1
	990/21400 990/23400	To E64286	Pipe-Pump to Filter 990/21400 N/A Use 37D3156 with 37D3155, 37H7615M & HCS208. 990/23400 N/A Use 37H7148M with AMK115,37H7615M, HCS208,13H1905 & 13H1904				
27A	37D3156 86K364	To E44286	:Pipe-Pump to Filter(Lower) 86K364 N/A Use 37H7148M with AMK115		1		1
27B	37D3155 86K363	To E44286	:Pipe-Pump to Filter(Upper) 86K363 N/A 37H7148M with 13H1905 & 13H1904			1	
27C	37H4760 37H7615M	Superseded	:Hose	1	1		
27D	HCS208 G34/1	Superseded	:Clamp		2	2	2
28	13H1905	....	:Nut-Use with item 39 & 40	2			
	826/00590 13H5173	To E44386	*:Nut-Use with item 39 & 40		2		2
29	13H1904	....	:Olive-Use with item 39 & 40	2			
	826/00591 37D2562	To E44286	*:Olive		2	2	2
30	BMK9154	....	:Clip	1			
	02/300075	....	*:Clip		1	1	1
31	816/75003	....	*Banjo Bolt	1	1	1	1
32	ARH517 823/00107	Superseded	Washer	2	2	2	2
36	103/65700 816/00376	To M62008	Banjo		1	1	1
36A	103/65702 AMK925	Superseded	Banjo Bolt		1	1	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
36B	103/65703	....	Washer		2	2	2
37	647/00700	To M62006	Hose		1	1	1
	611/21800	Superseded					
	649/04300	To M110551					
	See Page EA25-2						
	202/26004	Superseded	*Adapter		1	1	1
	826/00262	Superseded					
	826/00302						
	900/00011	....	Tap		1	1	1
	202/26002	No/Con.	Nipple		1	1	1
	816/00343						
	202/26003	Superseded	Nut		1	1	1
	826/00183						
38	AMK115	....	Banjo		1	1	1
39	37H7148M	Superseded	*Pipe-Roll 25ft.		1	1	1
	988/00064						
40	37H7149M	....	Pipe-Roll		1	1	1

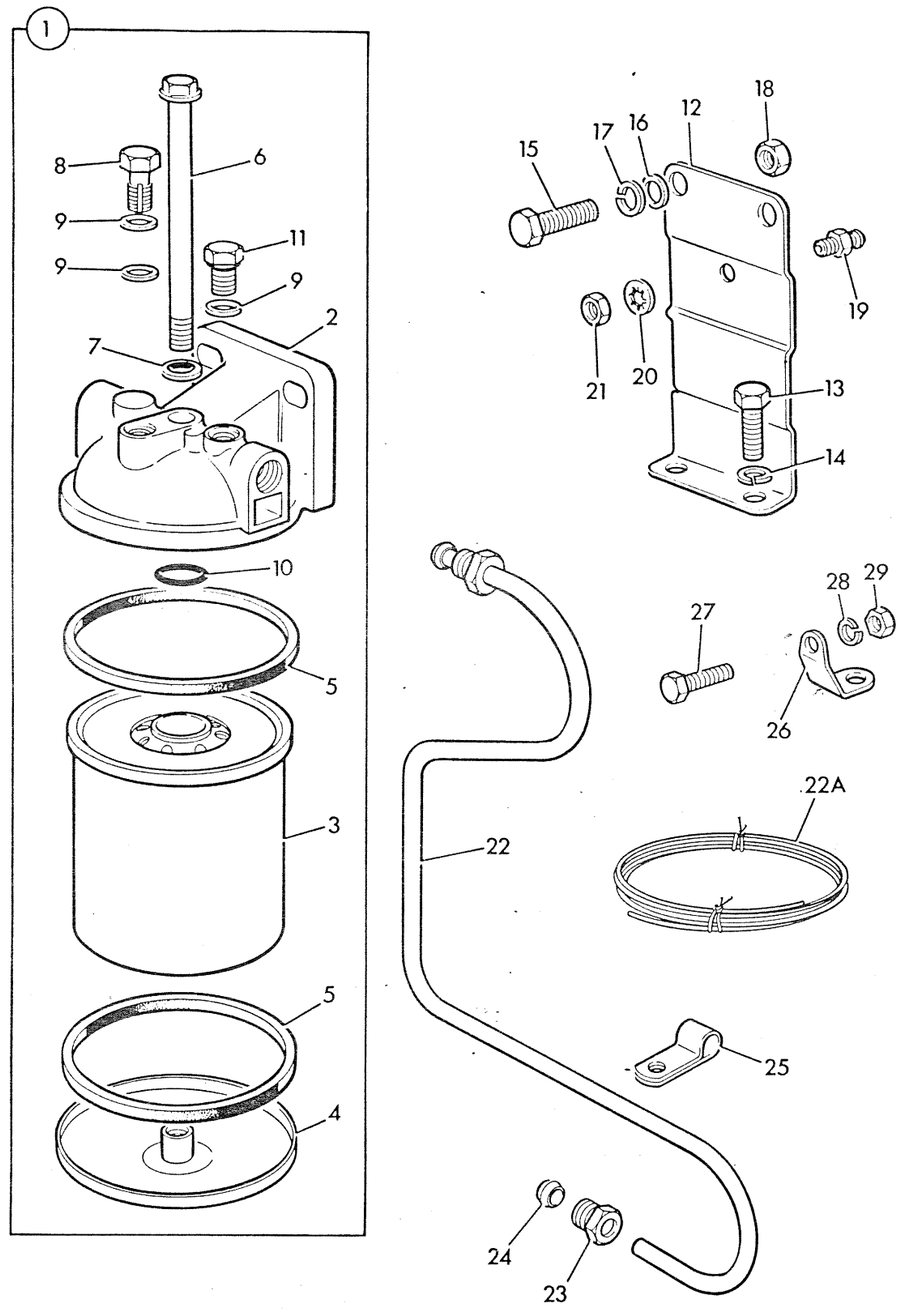
EA

Pages EA27 to EA32

EA 27 FUEL FILTER

5043

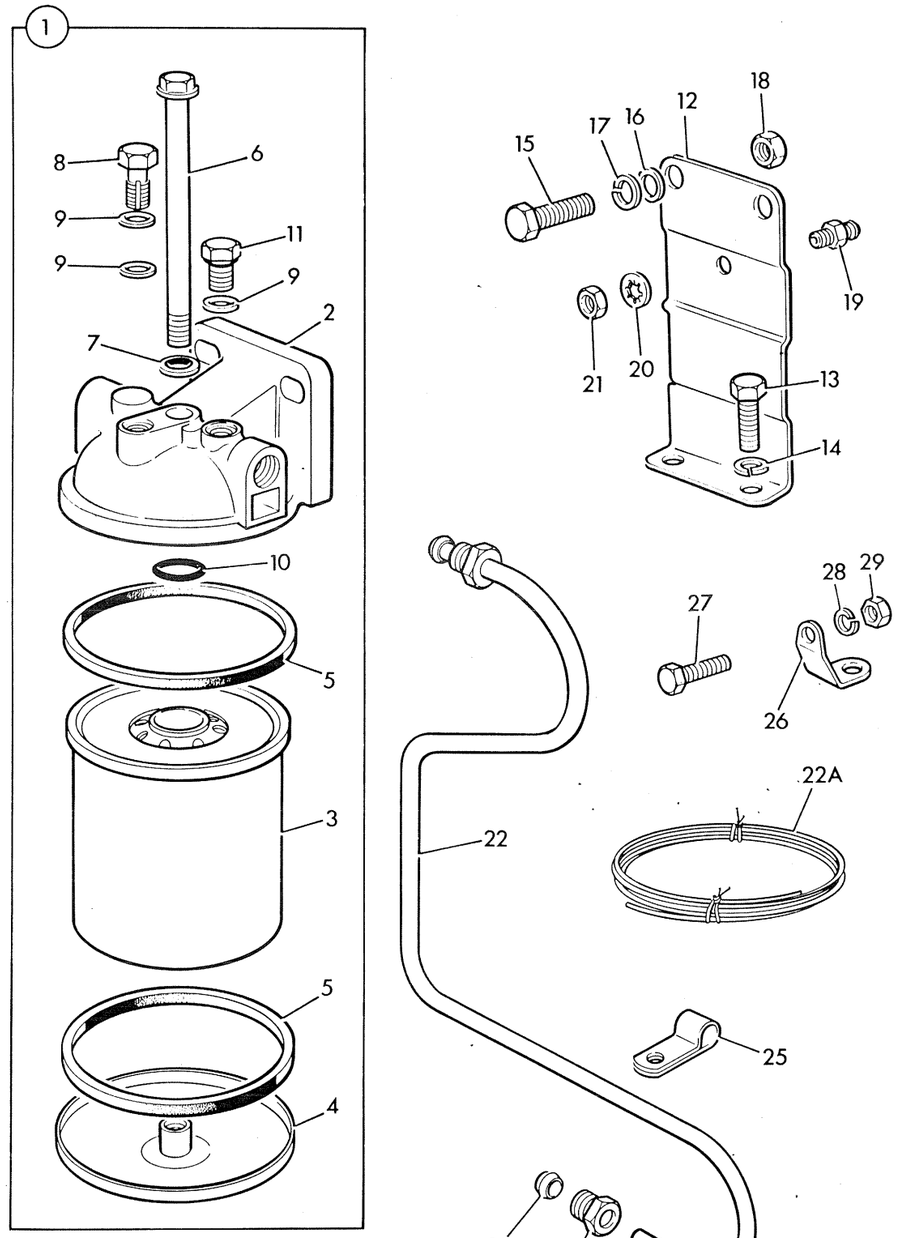
110M **ISSUE** 2



5043

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	BMK1053 988/00005	Superseded	Filter (Simms)	....	1
2	17H9451	....	Head	....	1
3	17H9452 37H1581 988/00030 F8/25 32/400701	Superseded Superseded Superseded Superseded	:Element	....	1
4	17H9453 27H6662 37H2725	Superseded Superseded	:Plate	Bottom	1
5	17H9454	....	:Sealing Ring	....	2
6	17H9455	....	:Bolt	....	1
7	17H9456 27H4644	Superseded	:Washer	....	1
8	17H9457 27H6663	Superseded	:Banjo Bolt	....	1
9	AAK31 27H6903	Superseded	:Washer	....	3
10	17h9458	....	:'O' Ring	....	1
11	17H9459 27H8657	Superseded	:Screw	....	1
12	AMK2465 37D1018	Superseded	Support Bracket	....	1
13	HNS0608 1305/0206	Superseded	Bolt	... .	2
14	LWN306 1416/0006	Superseded	Washer	....	2
15	HNS0610 1305/0208	Superseded	Screw	....	2
16	PWN106 1410/0003	Superseded	Washer	....	2
17	LWN306 1416/0006	Superseded	Washer	....	2
18	FNN506 1340/0201	Superseded	Nut	... .	2
19	CMK1795 37D429	Superseded	Steady Bracket	....	1
20	LWN705	....	Lock Washer	....	1
21	FNN105 1340/0101	Superseded	Nut	....	1
22	CMK1829 37D438	Superseded Superseded	Pipe -10in.(254mm)Long	....	1
22A	37H7149M				

EA 27 FUEL FILTER



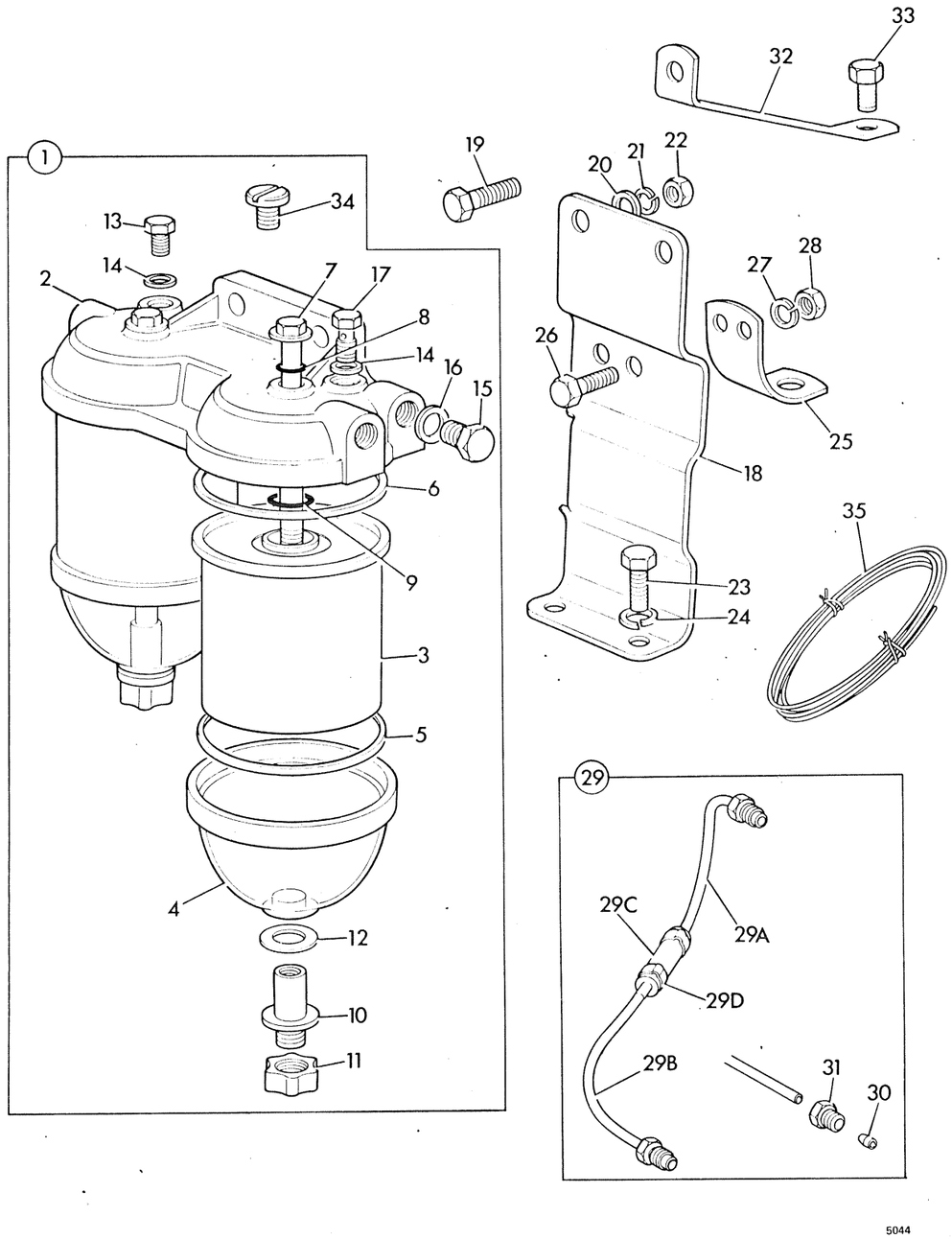
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
23	13H1905	....	Nut	....	2
24	13H1904	....	Olive	....	2
25	BMK9154	....	Clip	....	1
26	AMK2456 37D2826	Superseded	Bracket	....	1
27	HNS0506 HZS0506 1305/0104	Superseded Superseded	Bolt	....	2
28	LWN305 1416/0005	Superseded	Washer	....	2
29	FNN505 FNZ505 1340/0101	Superseded Superseded	Nut	....	2

5043

EA 27–1 FUEL FILTER

5044

110M **ISSUE** 2



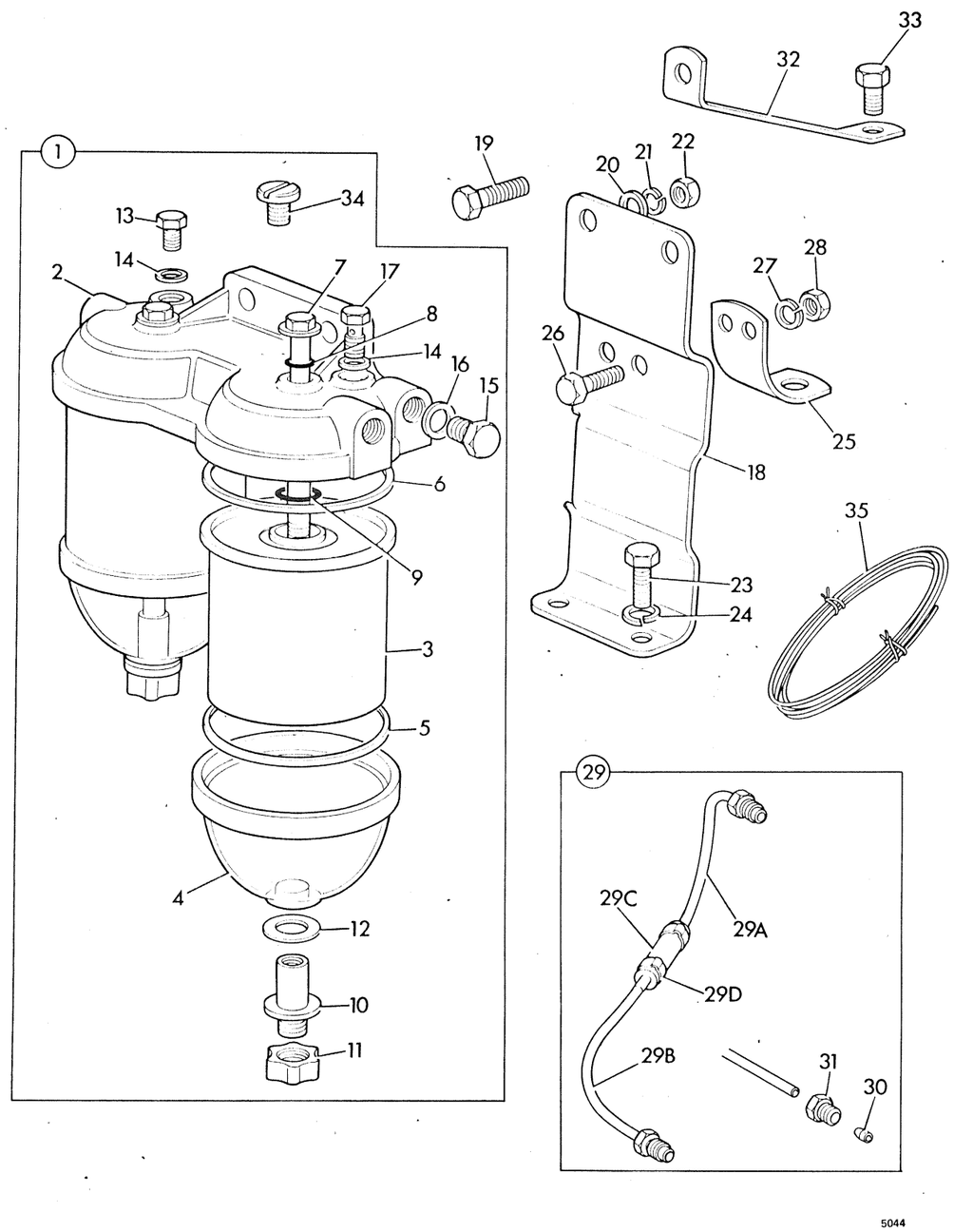
5044

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	13H4215 13H6035	Superseded	Filter	 1	
2	37H1576 37H3983	Superseded	:Head	....	1
3	37H1581 988/00030 32/400701	Superseded Superseded	:Element	....	2
4	37H1582 37H4663	Superseded	:Bowl	....	2
5	17H9454	....	:Seal	....	2
6	17H9454	....	:Seal	....	2
7	37H1580	....	:Bolt	....	2
8	27H4644	....	:'O' Ring	....	2
9	17H9458	....	:'O' Ring	....	2
10	37H1584	....	:Drain	....	2
11	37H1585	....	:Cap	....	2
12	37H1583	....	:Washer	....	2
13	27H8657	....	:Screw	....	2
14	37H1577 86K330	Superseded	:Washer	....	2
15	37H1579 BMK598	Superseded	:Plug	....	2
16	37H1578	....	:Washer	....	2
17	27H6663	....	:Banjo Bolt	....	1
18	37D1018	....	Bracket	....	1
19	HNS0601 1305/0208	Superseded	Bolt	....	2
20	PWN106 1410/0003	Superseded	Washer	....	2
21	LWN306 1416/0006	Superseded	Washer	....	2
22	FNN506 1340/0201	Superseded	Nut	....	2
23	HNS0608 1305/0206	Superseded	Bolt	....	2
24	LWN206 1416/0006	Superseded	Washer	....	2
25	AMK2456 37D2826	Superseded	Bracket	....	1
26	HNS0506 HZS0506 1305/0104	Superseded Superseded	Bolt	....	2

EA 27–1 FUEL FILTER

5044

110M **ISSUE** 2*



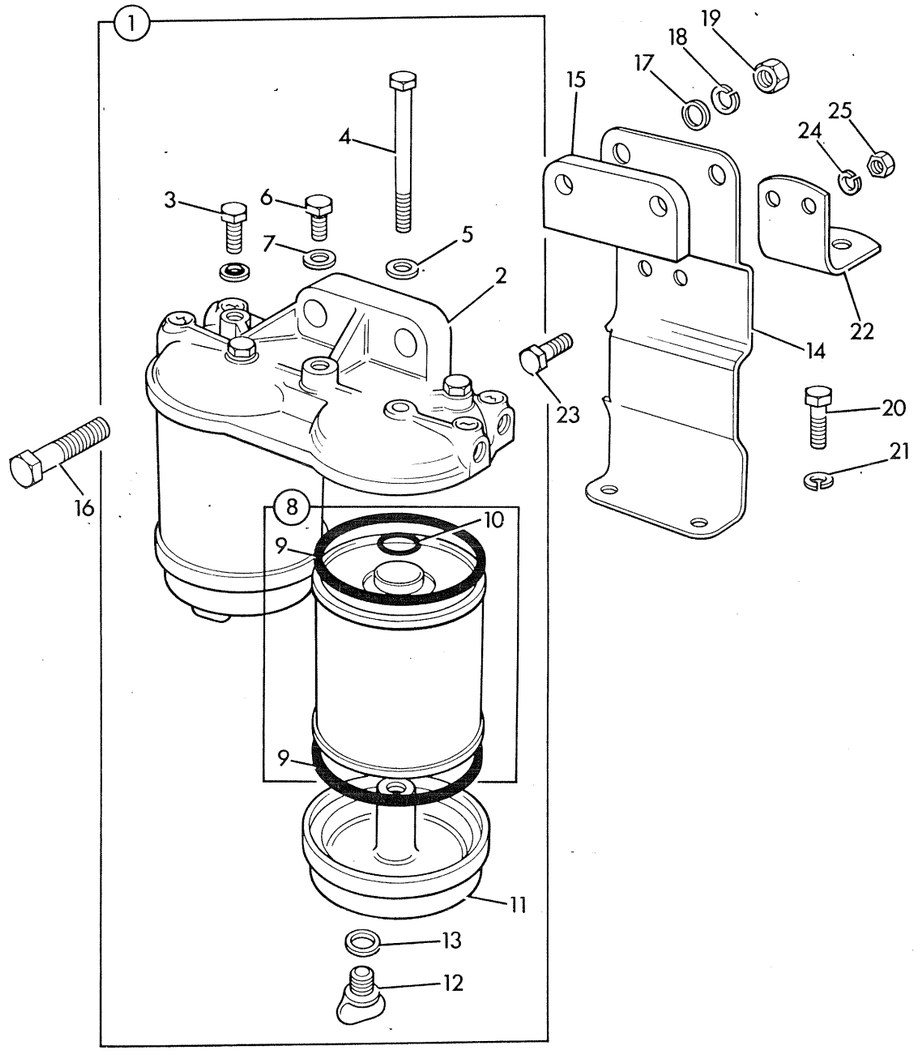
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
27	LWN305 1416/0005	Superseded	Washer	....	2
28	FNN505 FNZ505 1340/0101	Superseded Superseded	Nut	....	2
29	N.S.P.	....	Pipe	Was 37D2481,37D2558, 37D2924 & 990/21200	1
29A	37D3158	Superseded See Item 35	:Pipe-Upper 18in.Long	Filter to injection Pump	1
29B	37D3159	Superseded See Item 35	:Pipe-Lower 18in.Long	Filter to Injection Pump	1
29C	21A208 37H4760 37H7615M	Superseded Superseded	:Connector	....	1
29D	13H839 HCS208 G34/1	Superseded	:Clip	....	2
30	826/00591	....	*Olive	Use with37D2481 & 37H7148M	2
	37D2562	....	Olive	Use with 37D2558	2
	97H2182	....	Olive	Use with 37D2924, 37D3158,37D3159	2
31	826/00590	....	*Nut	Use with 37D2558, 37D2481 & 37H7148M	2
	13H5173	....	Nut	Use with 37D2924	2
32	106/65310 37D3163	Superseded	Support Stay	....	1
33	HBN0616 1305/3214	Superseded	Bolt	....	1
34	37H3984	E15089 on 38TD	Bleed Screw	....	1
35	37H7148M 988/00064	Superseded	Pipe-25ft Roll	....	1

5044

EA 27–2 FUEL FILTER

5045

110M **ISSUE** 2

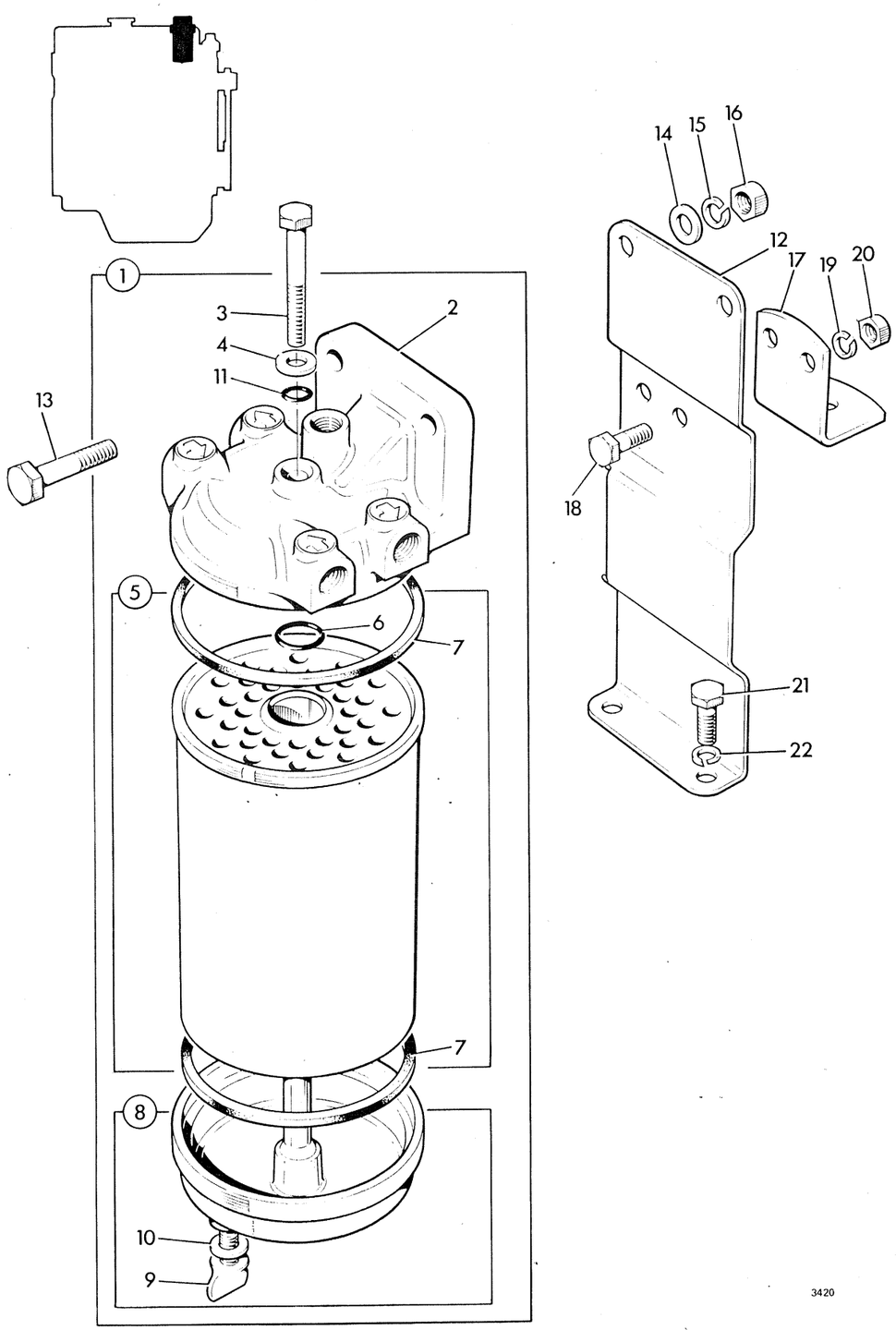


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	83H469	....	Fuel Filter	....	1
2	37H7918	....	:Head	....	1
3	32161113	....	:Vent Plug	....	2
4	200/44607	....	:Centre Bolt	....	2
5	200/44608	....	:Washer	....	2
6	200/44611	....	:Plug	....	1
7	200/44612	....	:Washer	....	1
8	265600017 32/400701	Superseded	:Element	....	2
9	0490786 828/00086	Superseded	::Seal	....	2
10	26560014 828/00085	Superseded	::'O' Ring	....	1
11	37H7919 32/400402	Superseded	:Base	....	2
12	200/44609 32/400505	Superseded	:Thumb Screw	....	2
13	200/44610	....	:Washer	....	2
14	37D1018	....	Support Bracket	....	1
15	86K465	....	Spacer	....	1
16	1305/3216	....	Bolt	....	2
17	1410/0003	....	Washer	....	2
18	1416/0006	....	Washer	....	2
19	1340/0201	....	Nut	....	2
20	1305/0206	....	Bolt	....	2
21	1416/0006	....	Washer	....	2
22	37D2826	....	Steady Bracket	....	1
23	1305/0104	....	Bolt	....	2
24	1416/0005	....	Washer	....	2
25	1340/0101	....	Nut	....	2

EA 27–3 FUEL FILTER

3420

110M **ISSUE** 2



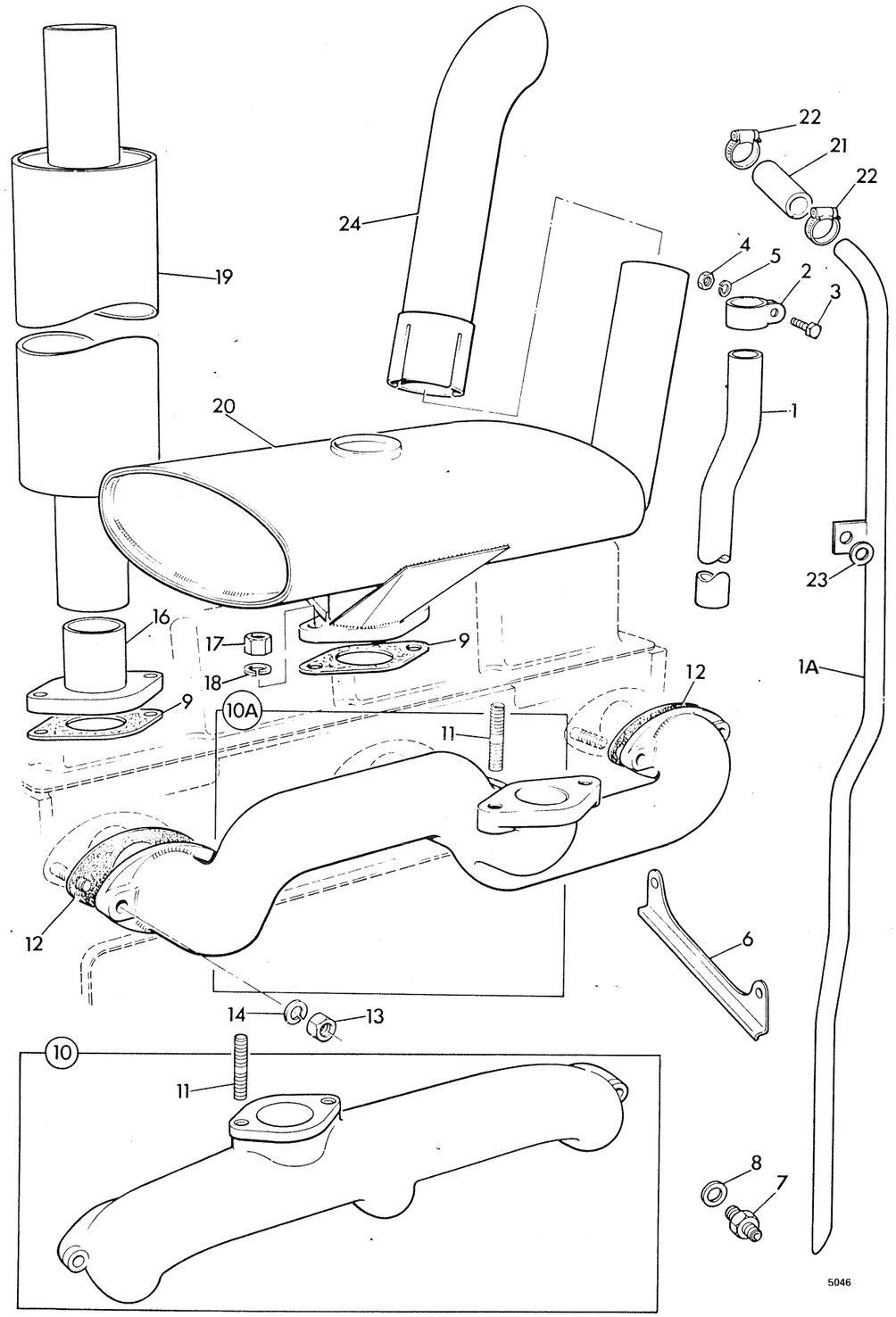
3420

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	83H1053	....	Fuel Filter			1	
2	32/400101	....	:Head			1	
3	200/44607	....	:Centre Bolt			1	
4	1410/0001	....	:Washer Was 2410/0001			1	
5	37H7937 32/400502	Superseded	:Element			1	
6	26560014 828/00085	Superseded::	'O' Ring			1	
7	0490786 200/44606	Superseded	::Seal			2	
8	27H4292 37H8797	Superseded	:Base			1	
9	200/44609 32/400505	Superseded	::Plug			1	
10	200/44610	....	::Washer			1	
11	2401/0006	....	:Seal			1	
12	37D1018	....	Bracket			1	
13	1305/3216	....	Bolt			2	
14	1410/0003	....	Washer			2	
15	1416/0006	....	Washer			2	
16	1340/0201	....	Nut			2	
17	38D2826	....	Bracket			1	
18	1305/0104	....	Bolt			2	
19	1416/0005	....	Washer			2	
20	1340/0101	....	Nut			2	
21	1305/0206	....	Bolt			2	
22	1416/0006	....	Nut			2	

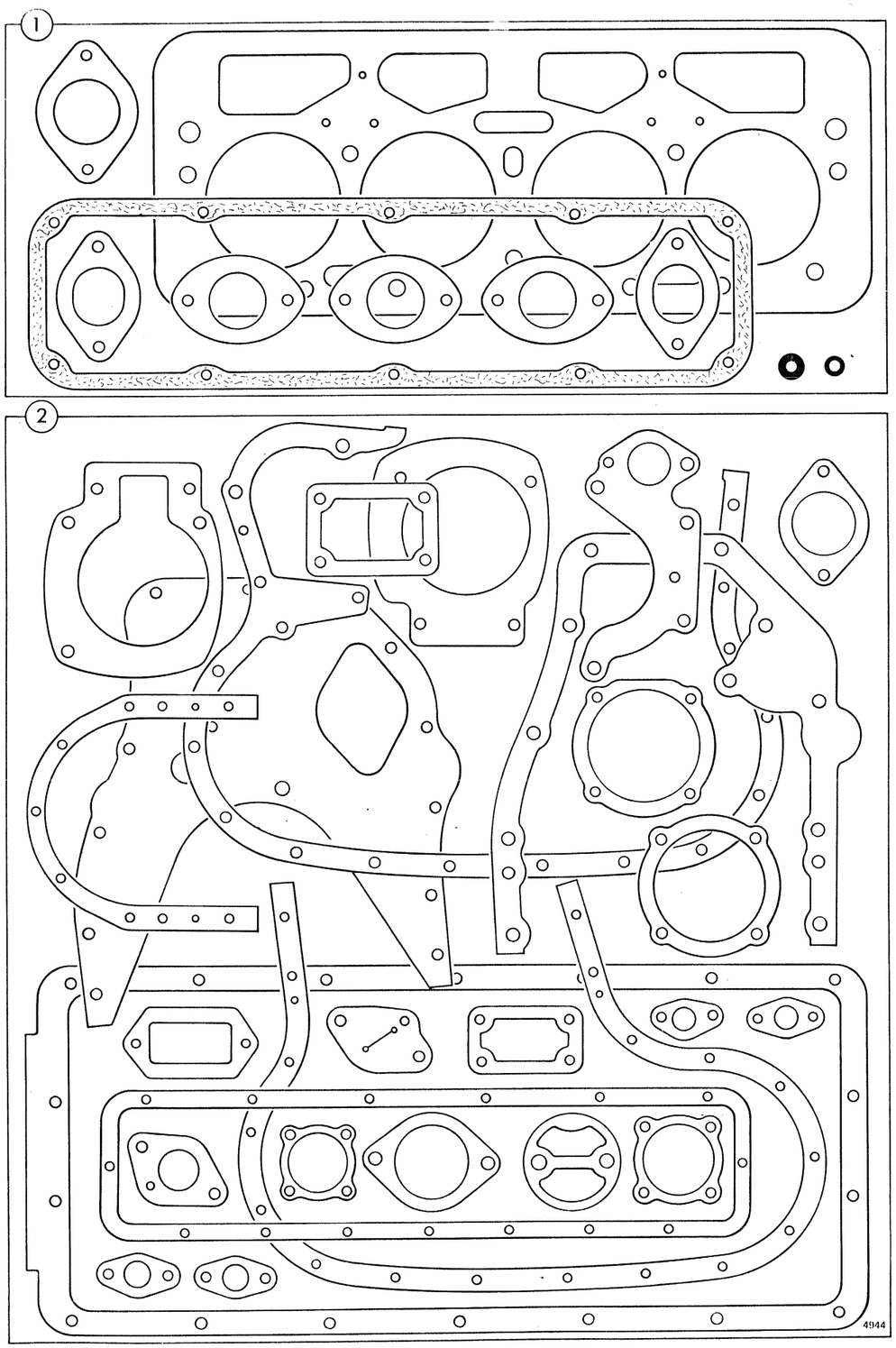
EA 28 EXHAUST SYSTEM

5046

110M **ISSUE** 3*

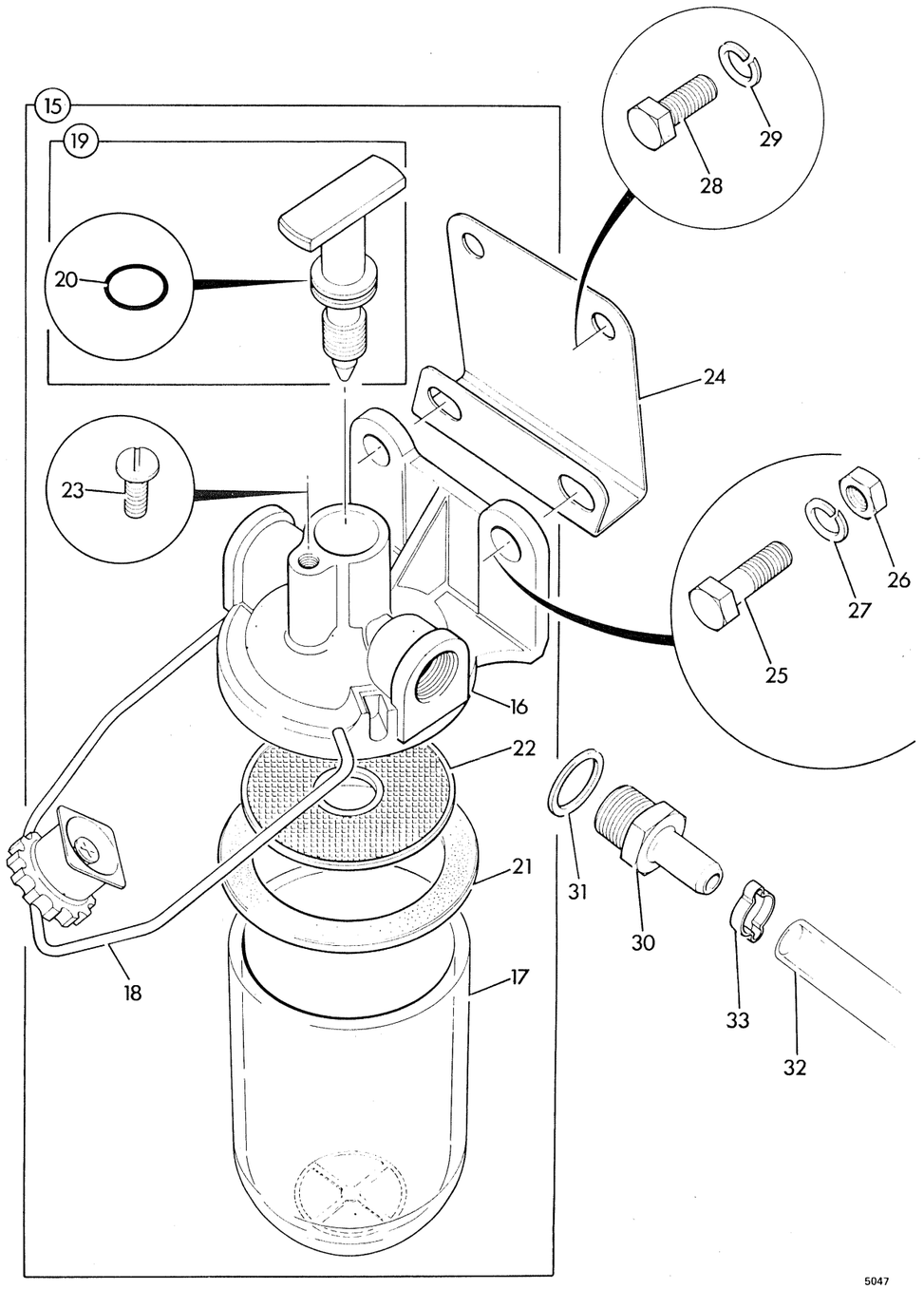


ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	37D2069	....	Breather Pipe	....	1			1
1A	ATJ3621	....	Breather Pipe	....		1	1	
2	N.S.P.	....	Pipe Clip	Was AEB149	1			1
3	HNS0408	....	Bolt	Clip to Pipe	1			1
4	1340/0001	....	Nut	....	1			1
5	1416/0004	....	*Spring Washer	....	1			1
6	CMK368	....	Dust Cover	....	1	1	1	1
7	614060	....	Union	Oil Gauge	1	1	1	1
8	823/00210	....	*Washer	....	1	1	1	1
9	813/00209	....	*Gasket	Adapter to Manifold	1	1	1	1
10	02/300050	....	*Exhaust Manifold	....	1			1
10A	37D2103	....	Exhaust Manifold	....		1	1	
11	FHS0614	....	Stud	Adapter to Manifold	2	2	2	2
12	813/00208	....	*Gasket	Manifold to Cylinder Head	3	3	3	3
13	85K2213	....	Nut	Manifold to Cylinder Head	6	6	6	6
14	1416/0006	....	Spring Washer	....	6	6	6	6
15	See Index	....	Fan Belt	....	1	1	1	1
16	104/81100	....	Exhaust Adapter	....	1			1
17	988/00169	. ...	*Nut	....	2	2	2	2
18	1416/0006	....	Spring Washer	....	2	2	2	2
19	L15/49	....	Exhaust Silencer	....	1			1
	T5/117	....	Exhaust Silencer	German m/c's only	1			1
20	103/20103 106/65307	....	MK1 Exhaust Silencer MK2	....		1	1	1
21	80K6058	....	Connection Rubber	....	1	1	1	1
22	2201/0006	....	Clip	Connection	2	2	2	2
23	1411/0002	....	Washer	....	1	1	1	1
24	106/65312	....	Exhaust Extension	Optional	1	1	1	1
	106/98900 To M117146 109/42200		Exhaust Extension	American	1	1	1	1



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	78G1303 78G1325 78G1330	.... Superseded	Decarbonising Gasket Set	....	1			
	78G1330 813/00204	To E44286	*Decarbonising Gasket Set	....		1	1	1
2	813/00205	....	*Supplementary Gasket Set	....	1	1	1	1

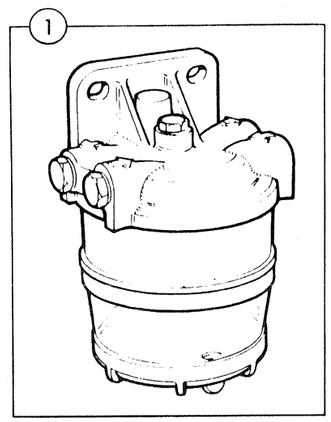
EA 30 FUEL FILTER TRAP

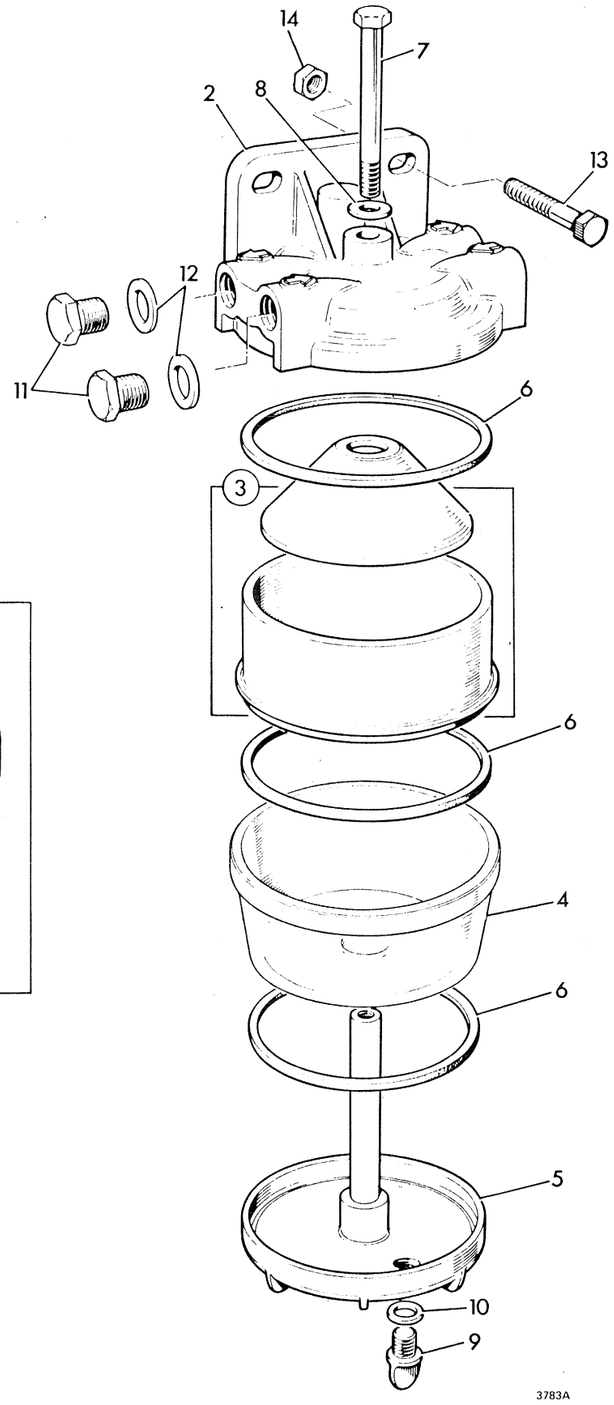


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
15	ATJ3097	....	Filter Bowl		1
16	27H2267	....	:Head	....	1
17	27H2268 236891	Superseded	:Bowl	....	1
18	27H2269 988/00019	Superseded	:Clip	....	1
19	27H2270 27H9272	Superseded	:Valve Asembly	....	1
20	27H2271	....	::'O' Ring	....	1
21	27H1330	....	:Washer	....	1
22	27H2272	....	:Filter Screen	....	1
23	27H2273	....	:Screw	....	1
24	ATJ3096	....	Mounting Bracket	....	1
25	HZS505 1305/0103	Superseded	Bolt	Bowl to Bucket	2
26	FNZ105 1416/0005	Superseded	Nut	....	2
27	LWN205 1416/0005	Superseded	Washer	....	2
28	HZS506 1305/0104	Superseded	Bolt	Bracket to Housing	2
29	LWN205 1416/0005	Superseded	Washer	....	2
30	816/00090	....	Adapter	....	1
31	1403/0002	....	Washer	....	1
32	647/00300	....	Hose	....	As Reqd.
33	G34/4	....	'O' Clip	....	2
	900/00011	....	Tap	....	1
	202/26004 816/00262	Superseded	Adapter	....	1

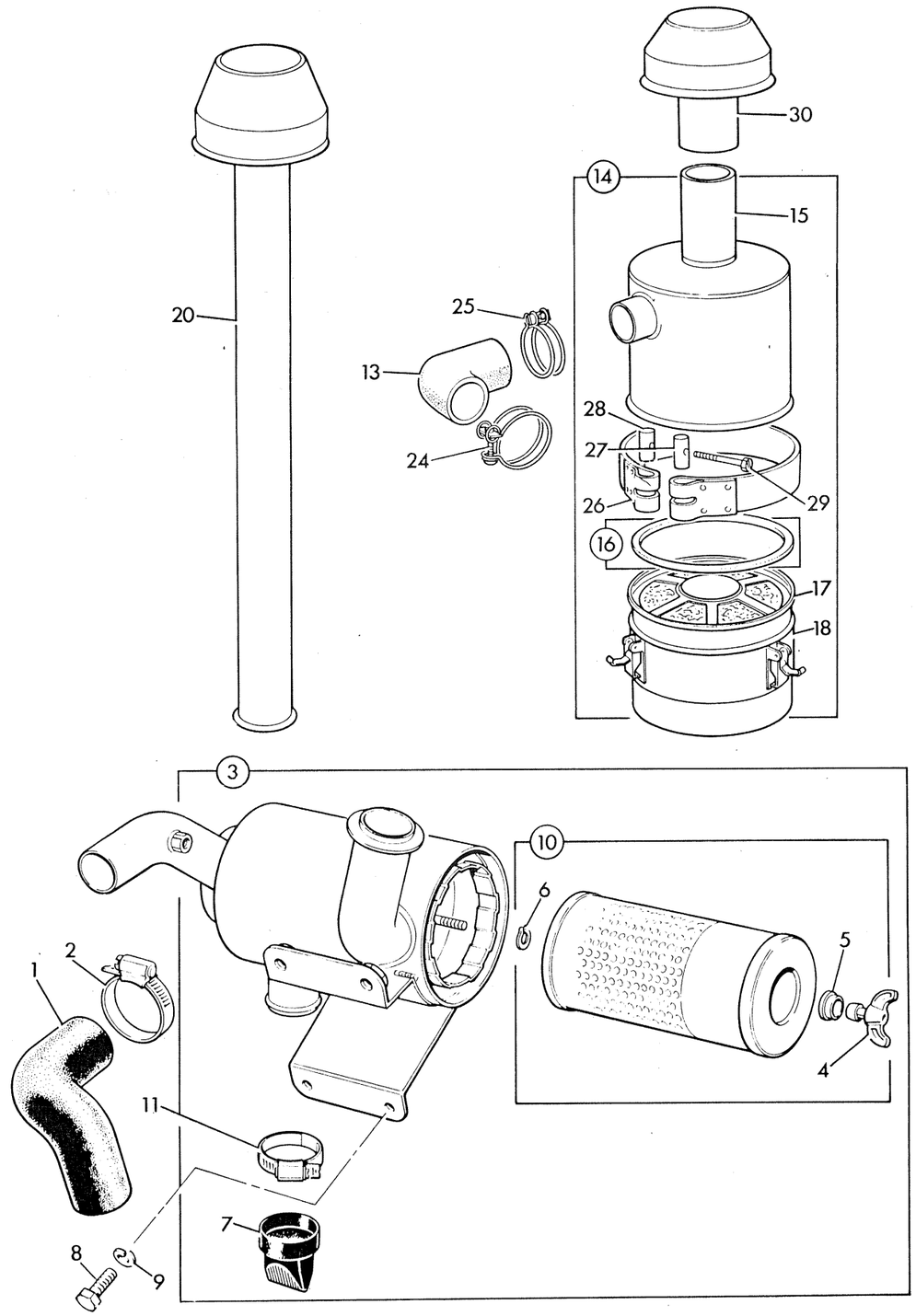
EA 30–1 SEDIMENT FILTER 3783A

110M **ISSUE** 2

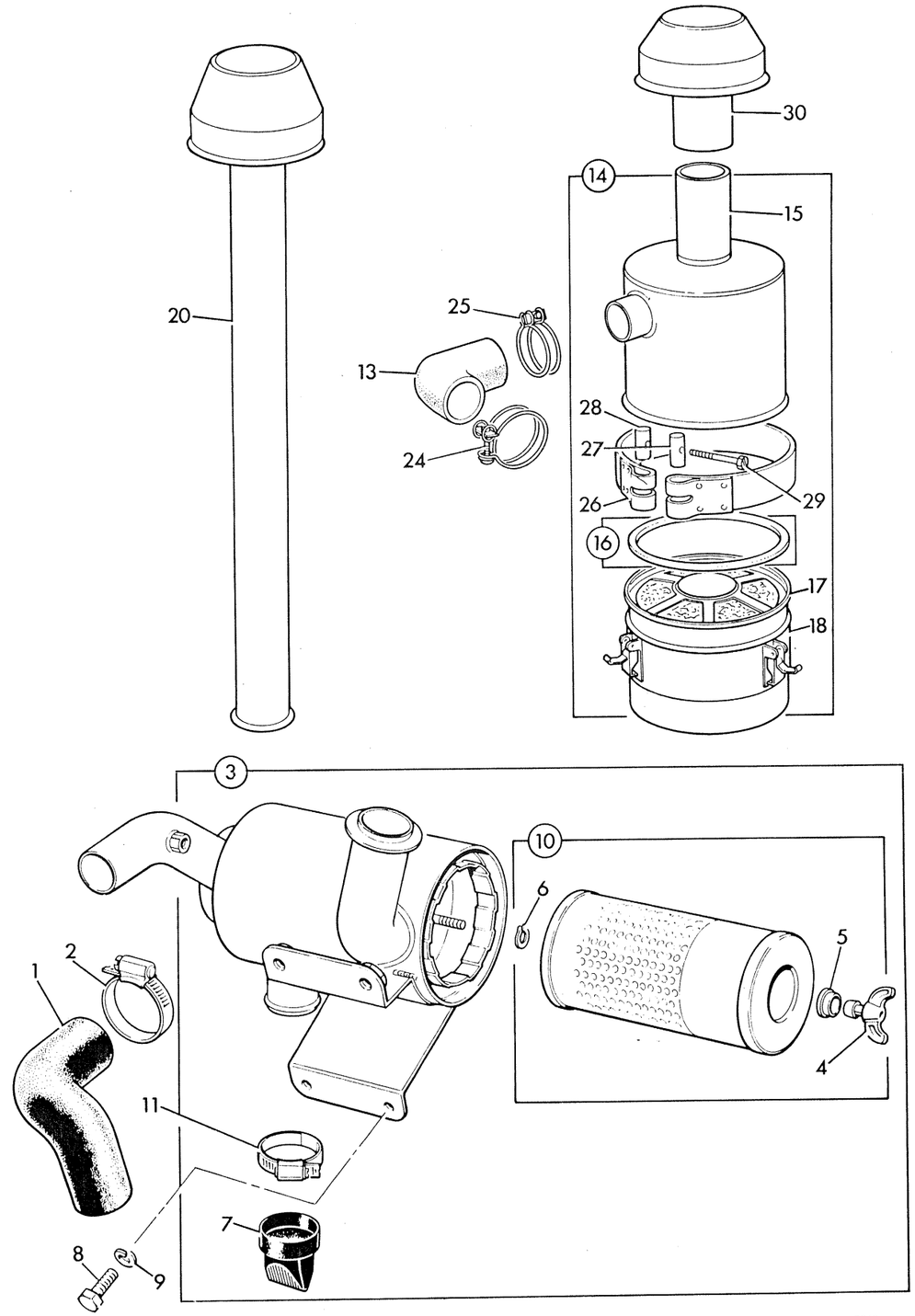




ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	200/44600	....	Sediment Filter	....	1
2	200/44601	....	:Cover	....	1
3	200/44603	....	:Body/Element Assembly	... .	1
4	200/44604	....	:Bowl	....	1
5	200/44605	....	:Base	....	1
6	200/44606	....	:Seal-Top	....	1
	828/00086	....	:Seal-Centre & Bottom	....	2
7	200/44607	....	:Bolt	....	1
8	200/44608	....	:Washer	....	1
9	200/44609 32/400505	Superseded	:Drain Plug	....	1
10	200/44610	....	:Washer	....	1
11	200/44611	....	:Plug	....	2
12	200/44612	....	:Washer	....	2
13	1305/3108	....	Bolt	....	2
14	1340/0103	....	Nut	....	2



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	106/40002 834/00029	Superseded	Hose	....		1	1	1
2	HCS1622 GHC1622 2201/0012	Superseded Superseded	Clip	....		2	2	2
3	N.S.P.	....	Air Cleaner	Was ATJ3441 See TI K73/H,K70/E		1	1	1
10	37H2004 988/00031	Superseded	:Element	....		1	1	1
4	37H1497	....	::Wing Nut	....		1	1	1
5	N.S.P.	....	:Washer	Was 27H3807		1	1	1
6	37H1498	....	::Circlip	....		1	1	1
7	32/200401 37H1495	Superseded	:Dust Valve	....		1	1	1
8	1305/0204	....	Bolt	....		4	4	4
9	G16/5 1416/0006	No./Con.	Washer	....		4	4	4
11	2201/0015	....	Clip	....		1	1	1
13	ATJ3061	....	Hose	JCB 3D	1			
	ATJ3061 EM17/87	To M43194	Hose	JCB 3C-Correction was EM12/87	1			
	ATJ3061 EM18/87	To M16236	Hose	JCB 4C	1			
14	ATJ3058 988/00003	Superseded	Air cleaner	....	1			
15	N.S.P.	....	Body	....	1			
16	17H181 261414	Superseded	:Gasket	....	1			
17	37H1209 988/00028	Superseded	:Element	....	1			
18	N.S.P.	....	:Oil Container	....	1			
20	L17/124/1 ATJ3060 ATJ3059	Superseded Superseded	Pre-cleaner & Extension Pipe		1			
24	HCS1622 2201/0012	Superseded	Clip	....	1			
25	HCS2228	....	Clip	....	1			
26	N.S.P.	....	Strip	Was NT5046	1			
27	N.S.P.	....	Pin	Was NT3630 & AMK802	1			
28	NT5960	....	Pin-screwed	....	1			

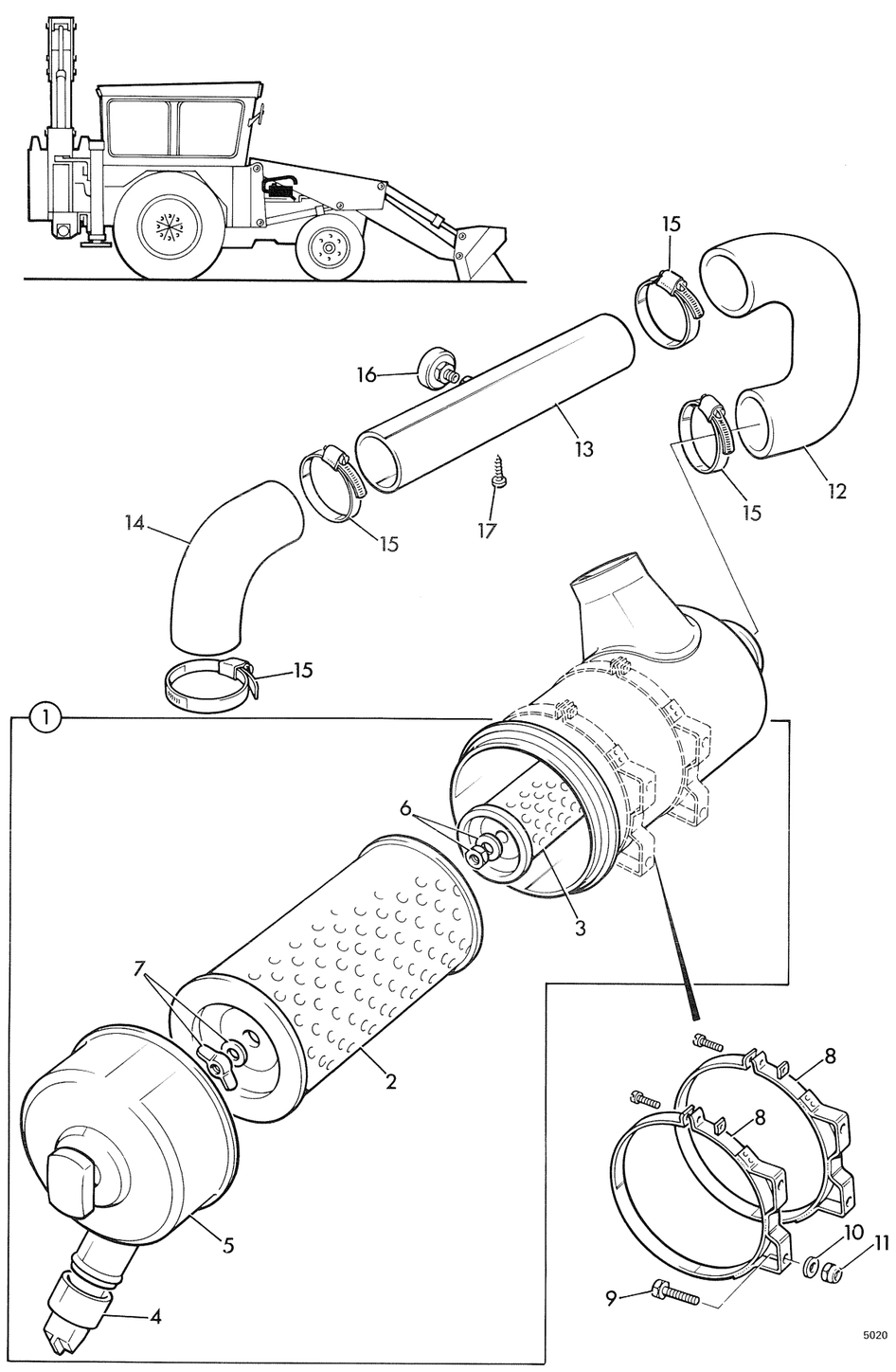


ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
29	PMZ0540 1305/3110	Superseded	Screw	....	1			
30	103/28004 32/200200	Superseded	Pre-cleaner	JCB 3D	1			

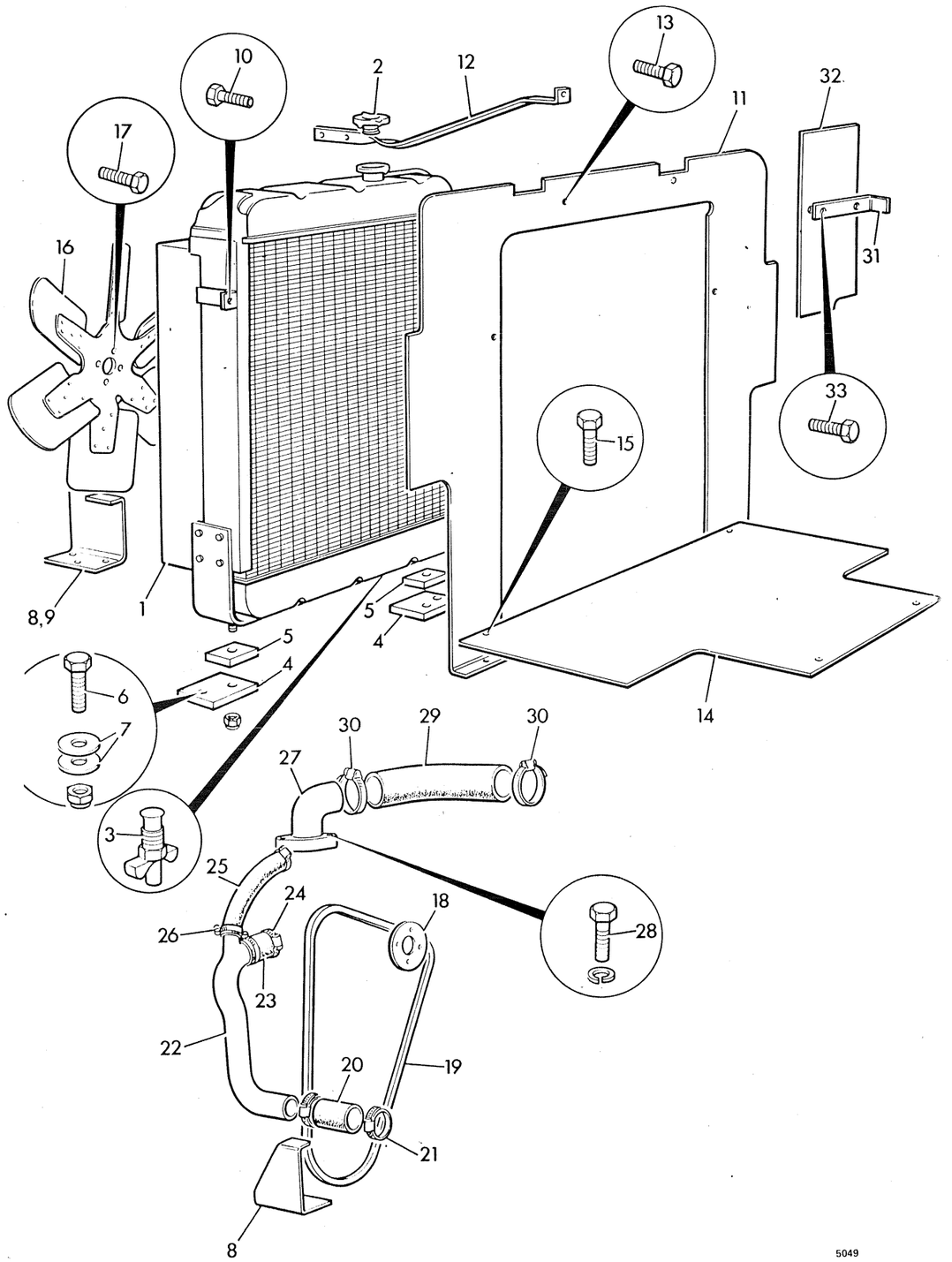
EA 31–1 AIR CLEANER

5020

110M **ISSUE** 1

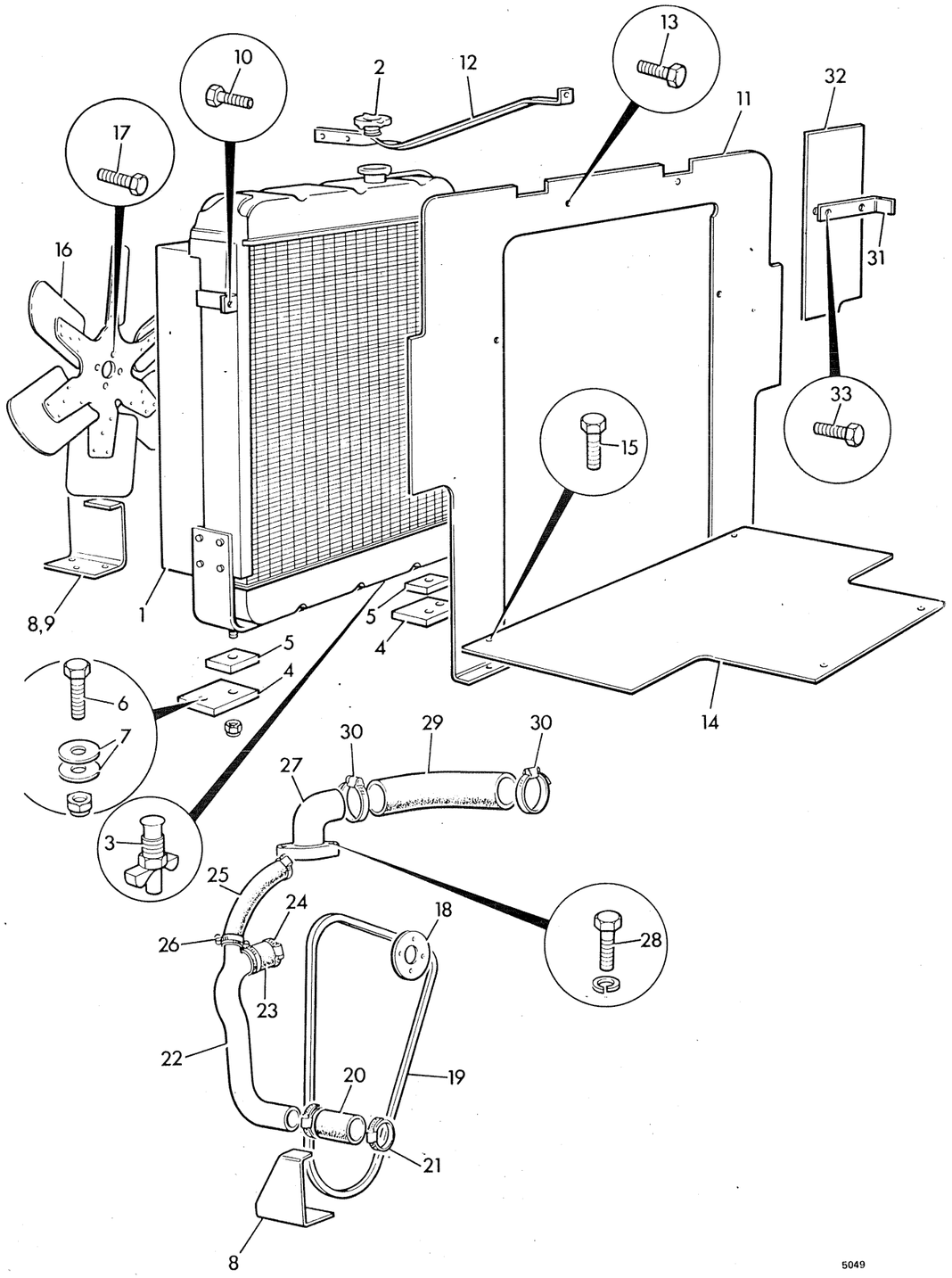


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	32/203700	....	Air Cleaner	....	1
2	32/203702	....	:Element	 1	
3	32/203703	....	:Safety element	....	1
4	32/203704	....	:Dust Valve	....	1
5	32/203705	....	:Cover	....	1
6	32/203706	....	:Nut and Gasket	....	1
7	32/203707	....	:Wing Nut and Gasket	....	1
8	32/200300	....	Band	....	2
9	1305/0206	....	Bolt	....	4
10	1411/0001	....	Washer	....	4
11	1340/0203	....	Nut	....	4
12	834/00084	....	Hose	....	1
13	109/59500	....	Tube	....	1
14	834/00074	....	Hose	....	1
15	2201/0013	....	Clip	....	4
16	ATJ8798	....	Switch	....	1
17	1430/0301	....	Screw	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	R6/2	....	Radiator	1			
2	120/46902	....	*Filler Cap	1			
3	815/0034	....	Drain Tap	1			
4	103/29405 103/29407	Superseded	Mounting Plate	1			
5	103/29406	....	Pad	2			
6	1305/3210	....	Bolt	2			
	1340/0203	....	Nut	4			
7	1412/0003	....	Washer	4			
8	103/28009	....	Bracket	1			
9	103/28008	....	Bracket	1			
10	1305/0204	....	Bolt	5			
	1340/0203	....	Nut	5			
11	103/29800	....	Plate JCB 3D	1			
12	103/28002	....	Stay	1			
13	1305/0206	....	Bolt	1			
	1340/0203	....	Nut	1			
14	103/21306	....	Plate JCB 3D	1			
15	1305/0002	....	Bolt	4			
	1340/0003	....	Nut	4			
16	103/28007	....	Fan	1			
17	1305/3010	....	Bolt	4			
	1416/0004	....	Washer	4			
18	103/28006	....	Spacer	1			
19	815/00018	....	Fan Belt	1			
20	103/29404	....	Bottom Hose	1			
21	2201/0009	....	Clip	2			
22	NT7396	....	Pipe	1			
23	NT6721	....	Hose	1			
24	HCS1622 GHC1622 2201/0012	Superseded Superseded	Clip	2			
25	NT6961	....	Hose	1			
26	HCS913	....	Clip	2			
27	AL17/56/2 103/28001	Superseded	Flange	1			

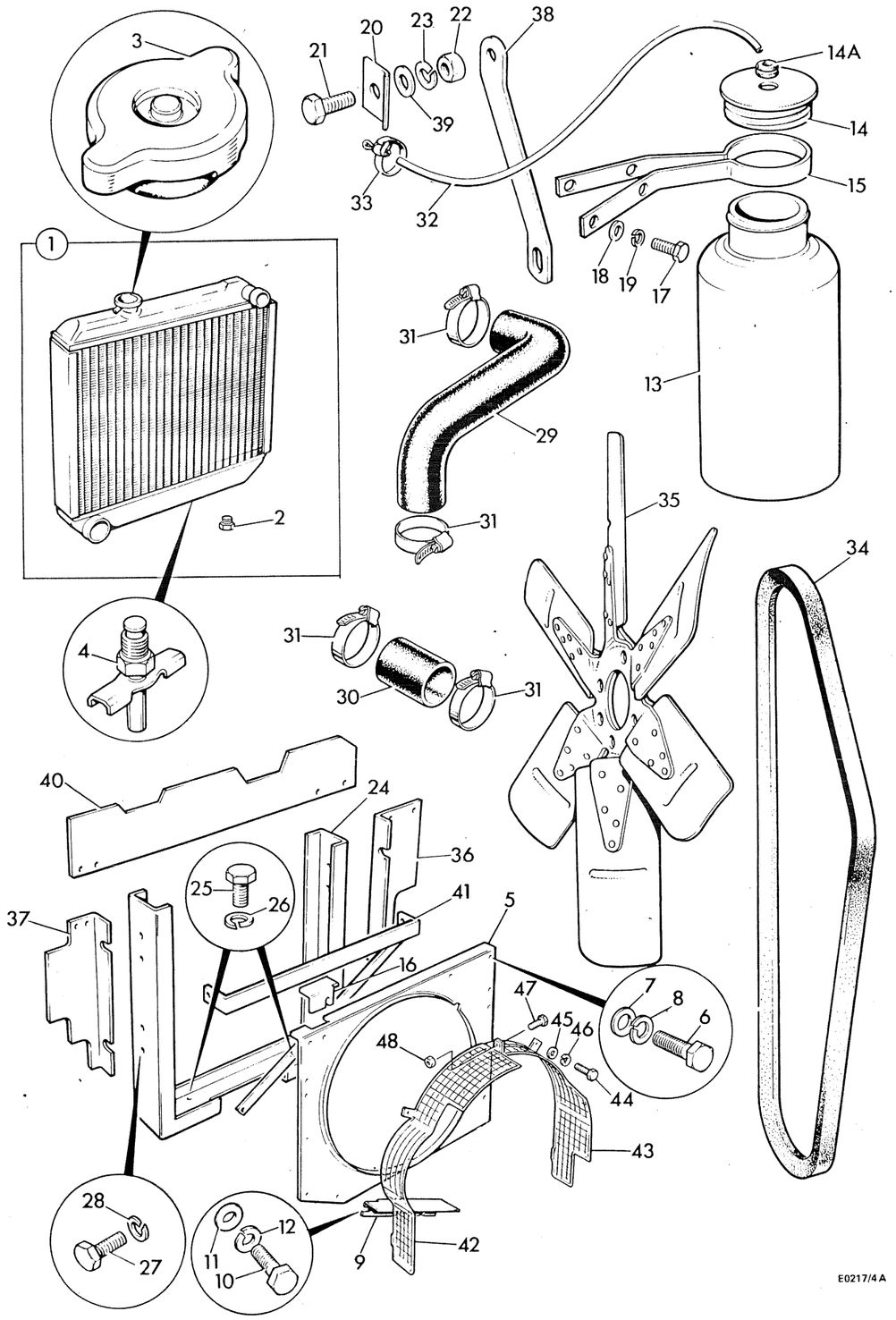
EA 32 RADIATOR & FITTINGS



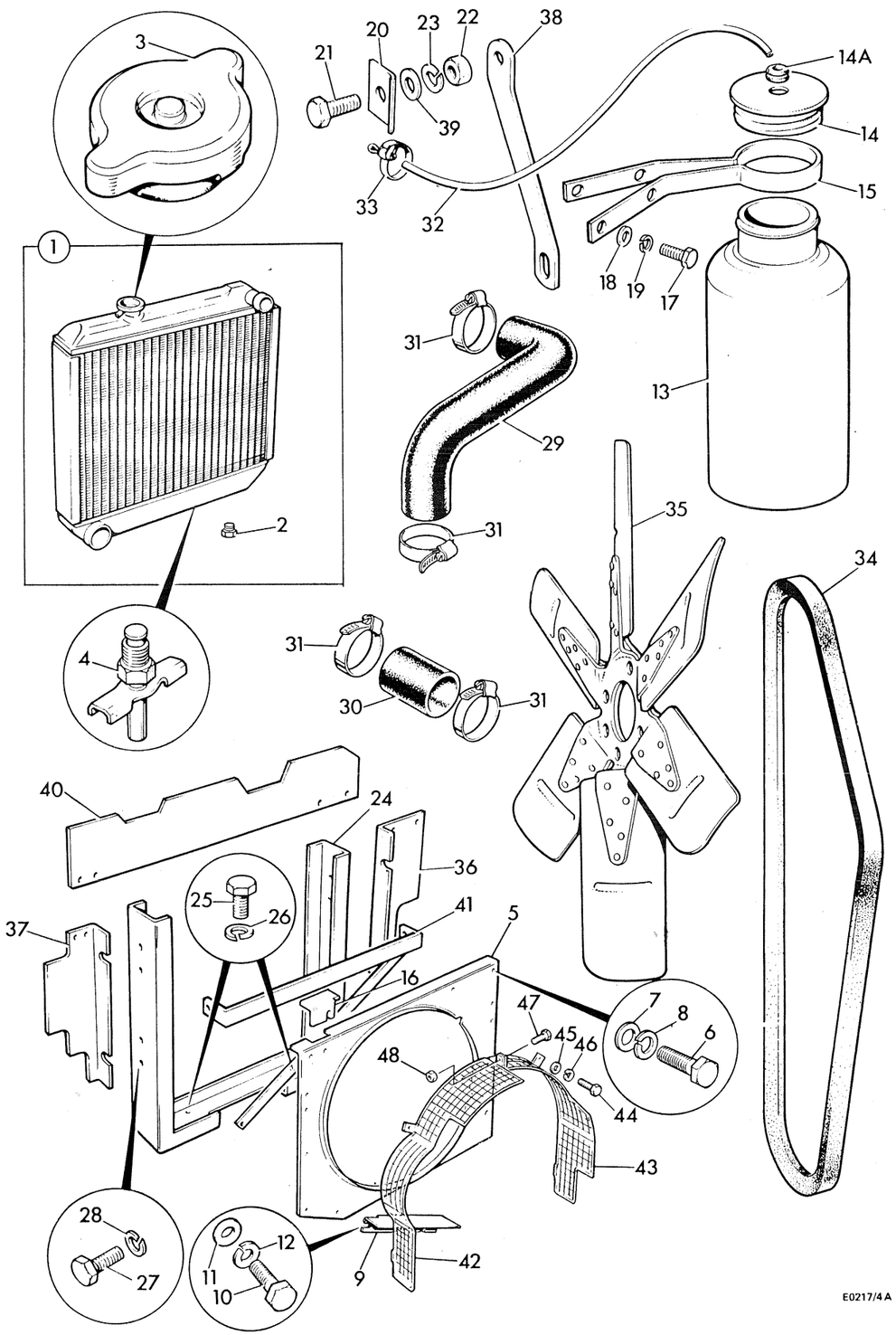
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
28	1305/3108	....	Bolt	....	2			
	1416/0005	....	Washer	....	2			
29	103/29403	....	Top Hose	....	1			
30	2201/0010	....	Clip	....	1			
31	L17/110/4 L17/263/1	To M42811	Bracket	JCB 3C	2			
	L17/110/5	....	Bracket	JCB 4C	2			
32	104/81001	....	Plate JCB 3C/4C	....	2			
33	1305/0206	....	Bolt	....	4			
	1340/0203	....	Nut	....	4			
34	990/00006	....	By-pass Hose	Engine Conversion	1			
35	990/00005	....	Top Hose		1			
36	103/28012	....	Fan Guard	....	1			

EA

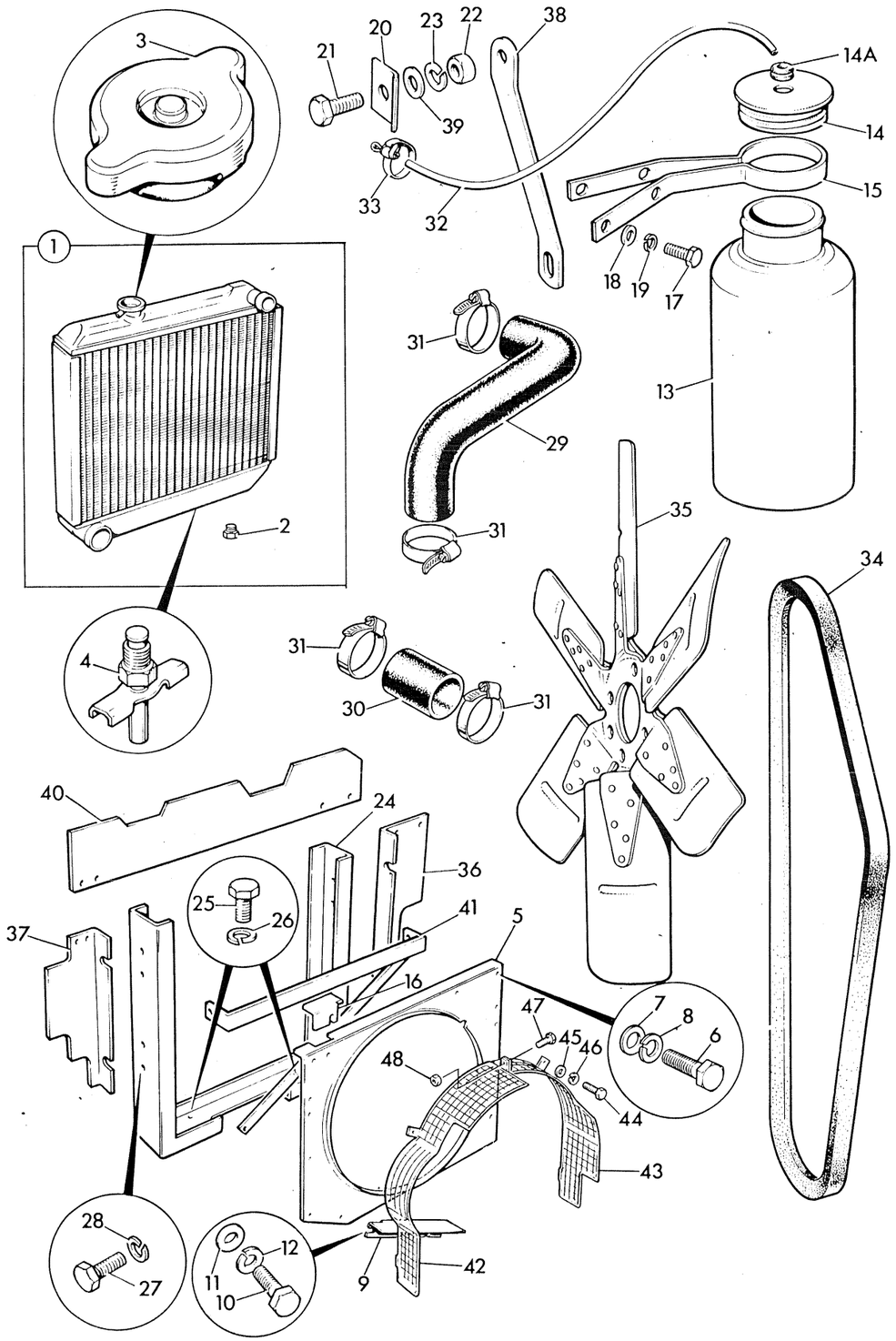
Pages EA33 to EA36



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	ARJ41 ARJ53 CTJ6381	Superseded Superseded	*Radiator	....		1	1	1
2	ARA1618	....	:Drain Plug	....		1	1	1
3	GRC201 120/46902	T135000	*Filler Cap	....		1	1	1
4	ATJ3489	....	Drain Tap	Correction was ARJ3489		1	1	1
5	ATJ3169	....	Cowl	....		1	1	1
6	HZS404 1305/0002	Superseded	Bolt	....		12	12	12
7	PWZ104 1411/0001	Superseded	Washer	....		12	12	12
8	LWZ204 1416/0004	Superseded	Spring Washer	....		12	12	12
9	ATJ3171 Deleted	T135000	Blanking Plate	....		1	1	1
10	1305/0002	T135000	Bolt	....		2	2	2
11	1411/0001	T135000	Washer	....		2	2	2
12	1416/0004	T135000	Spring Washer	....		2	2	2
13	ARC53 ATJ3773 200/59402	T135000 Superseded	Expansion Tank Plastic Bottle	....		1	1	1
14	GRC109 ATJ3773 200/59403	T135000 Superseded	Cap	....		1	1	1
14A	ATJ3775 200/59404	Superseded	Grommet	....		1	1	1
15	ATJ3172 206/05005	T135000	Support Bracket	....		1	1	1
16	ATJ3175	....	Cover Plate	....		1	1	1
17	1305/0002 1305/0208	T135000	Bolt	Tank to Radiator Frame		3	3	3
18	1411/0001	T135000	Washer	....		3	3	3
19	1416/0004 1340/0203	T135000	Spring Washer Nut	....		3 2	3 2	3 2
20	ATJ3176	T135000	Clamp	Expansion Tank		2	2	2
21	HZS0406	T135000	Bolt	....		2	2	2
22	FNZ104	T135000	Nut	....		2	2	2
23	LWZ205 WL600051 1416/0005	Superseded Superseded	Spring Washer	....		2	2	2



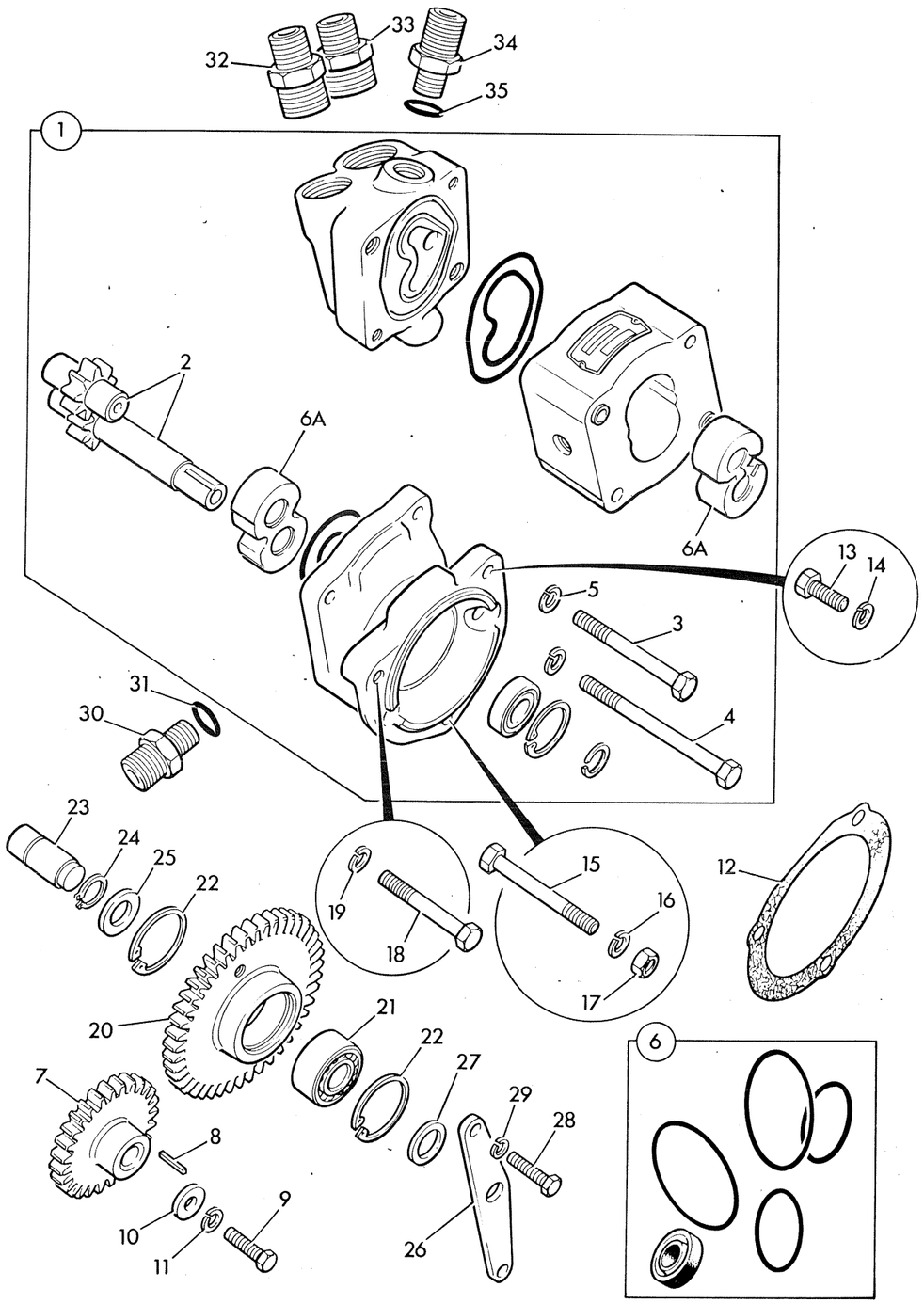
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
24	ATJ3609 ATJ3692 CTJ5410 CTJ6068 ATJ9191	To T135000 Superseded Superseded To T191060	Frame-STD Build		1	1	1
	ATJ3609 ATJ3692 CTJ5410 ATJ9191	To T135000 Superseded To T190509	Frame-T/C Build	1	1	1	
25	HZS608	....	Bolt		2	2	2
26	LWZ206 1416/0006	Superseded	Washer		2	2	2
27	HZS505 1305/0103	Superseded	Bolt		8	8	8
28	WL600051 1416/0005	Superseded	Washer		8	8	8
29	ATJ3177 ATJ3880 80K2865 834/00083	To E44286 To T191060 Superseded	Hose-Top STD Build		1	1	1
	ATJ3177 ATJ3880 80K2865 834/00083	To E44286 To T190509 Superseded	Hose-Top T/C Build		1	1	1
30	ATJ3178 ATJ3539 CTJ3105	ToT107322 To T191060-STD	Hose-Bottom-STD Build		2	2	2
	ATJ3178 ATJ3539 CTJ3105	To T107322 To T190509	Hose-Bottom T/C Build		2	2	2
	103/65001	To M	Hose-Bottom .... When Heater Fitted		1	1	1
31	HCS1217 GHC1217 2201/0010	Superseded Superseded	Clip		6	6	6
32	GRH1002M GRH1005M	Superseded	Tube 19in.(472.6mm) Long		1	1	1
33	ACB8744	To T135000	Clip		2	2	2
34	13H3905 988/00013 BMK977 990/38800	Superseded To E11974 Superseded	Fan Belt		1		1
	83H397 83H806 988/00153	To T191060 Superseded	Fan Belt-STD Build			1	
	83H397 83H806 988/00153	To T190509 Superseded	Fan Felt-T/C Build			1	



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OF BUILD 38 T	38 TD	498 NT	498 NV
35	37D2549 83H245 988/00040	Superseded Superseded	Fan			1	1	1
36	106/40010 106/65303	To E48979	Plate-R.H. 2D.3Mk. 111, 3C			1	1	1
	103/65002 106/65303	To E48979	Plate-R.H. 3D,4D,700			1	1	1
37	106/65301		Plate			1	1	1
38	N.S.P.		Brace			1	1	1
39	PWZ105 WA108051	Superseded To T135000	Washer			1	1	1
	HZS506	To T135000	Bolt			1	1	1
40	106/65302 106/65304	To E48979 To E53360	Plate-Top			1	1	1
41	106/97000		Support			1	1	1
42	From 106/65319 106/65322	M100625 To T191060	Guard-L.H.	STD Build			1	1
	From 106/65319 106/65322	M100625 To T190509	Guard-L.H.	T/C Build			1	1
43	From 106/65320 106/65323	M100625 To T191060	Guard-R.H.	STD Build			1	1
	From 106/65320 106/65323	M100625 To T190509	Guard-R.H.	T/C Build			1	1
44	1305/0002	M100625 on	Bolt				2	2
45	1411/0001	M100625 on	Washer				2	2
46	1416/0004	M100625 on	Washer				2	2
47	1305/0004	M100625 on	Bolt				1	1
48	1340/0003	M100625 on	Nut				1	1

EA 34 POWER STEERING PUMP

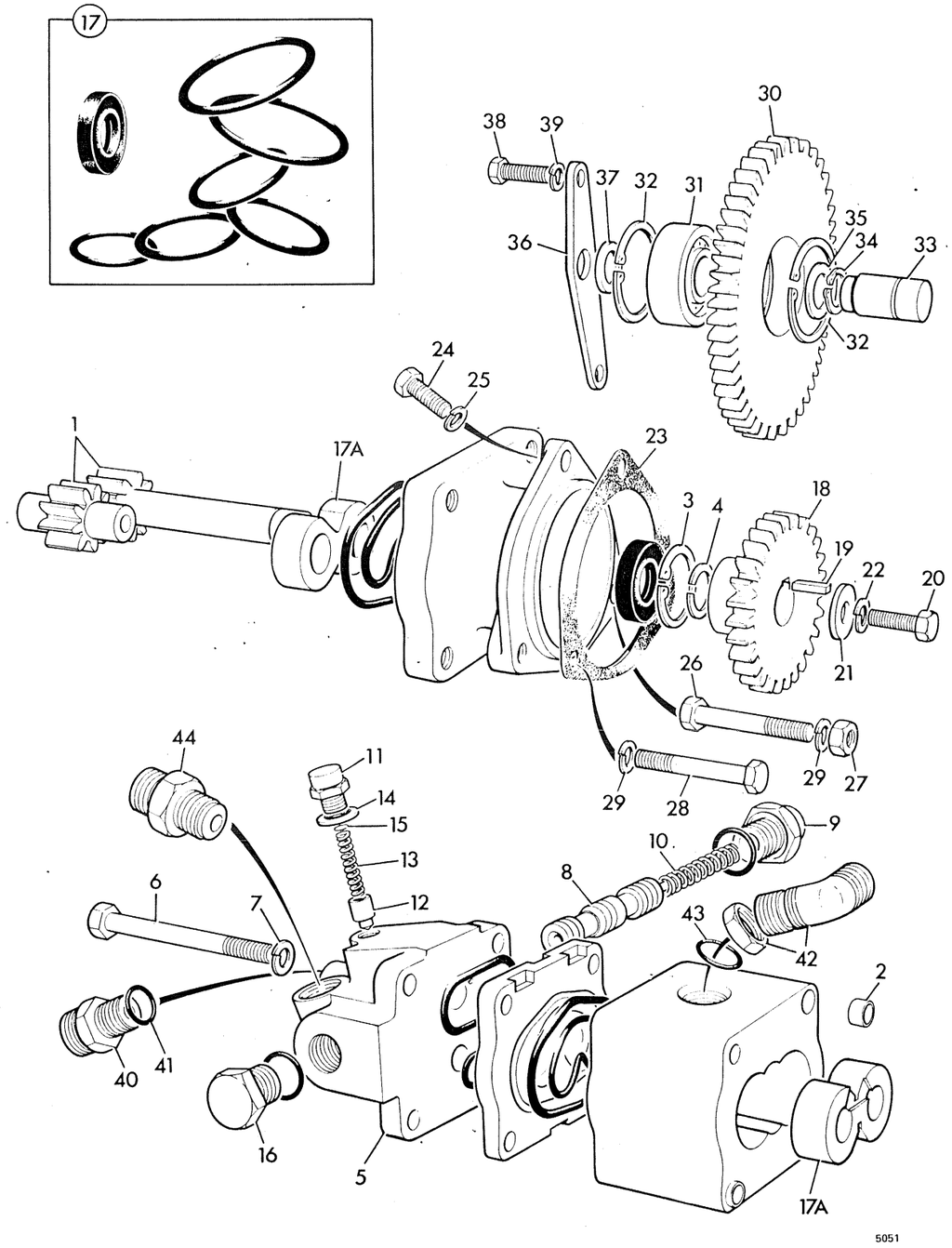
110M **ISSUE** 3*



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	13H5306R	....	Pump		1	1	1
2	37H1429	....	:Gear		1 pr	1 pr	1 pr
3	1305/4722	....	Bolt-Short		2	2	2
4	1305/4730	....	:Bolt-Long		2	2	2
5	1416/0006	....	:Washer		4	4	4
6	18G8275	....	:Kit		1	1	1
6A	20/200403	....	:Bearing		2	2	2
7	02/390005	....	*Gear		1	1	1
8	446/21503	....	*Key		1	1	1
9	1305/0605	....	Bolt		1	1	1
10	02/300010	....	*Washer		1	1	1
11	1416/0005	....	Washer		1	1	1
12	988/00112	....	Gasket		1	1	1
13	1305/0207	....	Bolt		1	1	1
14	1416/0006	....	Washer		1	1	1
15	1305/3224	....	Bolt		1	1	1
16	1416/0006	....	Washer		1	1	1
17	1340/0201	....	Nut		1	1	1
18	HCN0622	....	Bolt		1	1	1
19	1416/0006	....	Washer		1	1	1
20	988/00138	....	Idler Gear		1	1	1
21	988/00178	....	Bearing		1	1	1
22	826/00580	....	*Circlip		2	2	2
23	02/300011	....	*Spindle		1	1	1
24	826/00581	....	*Circlip		1	1	1
25	02/300012	....	*Collar		1	1	1
26	02/300013	....	*Plate		1	1	1
27	02/300014	....	*Collar		1	1	1
28	1305/0106	....	Bolt		2	2	2
29	1416/0005	....	Washer		2	2	2
30	816/00040	....	Adapter		1	1	1
31	2401/0505	....	'O'Ring		1	1	1
32	816/00034	....	Adapter		1	1	1
33	816/00038	....	Adapter		1	1	1
34	816/00040	....	Adapter		1	1	1
35	2401/0505	....	'O'Ring		1	1	1

EA 34–1 POWER STEERING PUMP

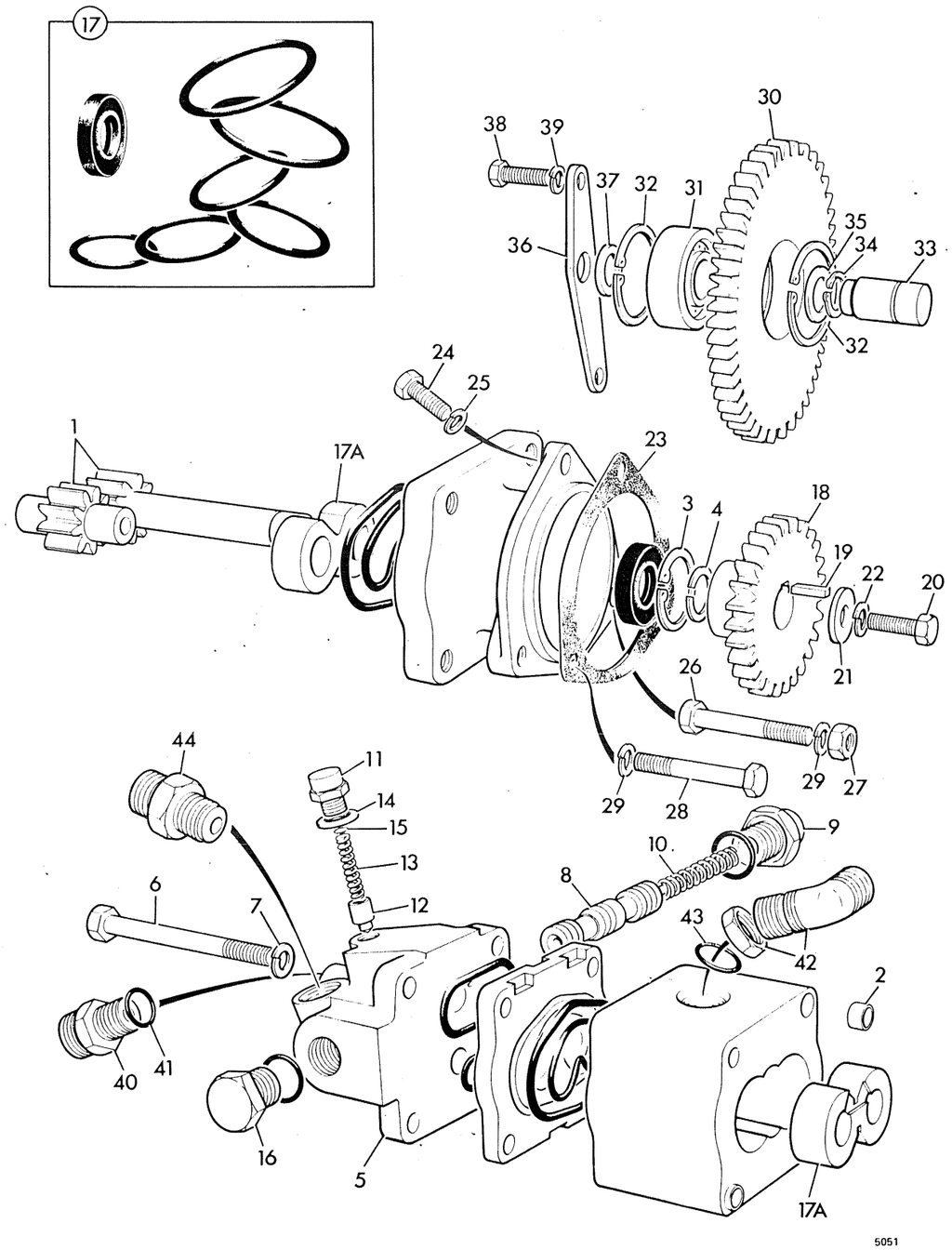
110M **ISSUE** 2*



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
A	13H4585 03/101102	Superseded	Pump Type C2510024		1	1	1
	N.S.P.	....	:Body		1	1	1
1	37H2195	....	:Gear Assembly		1	1	1
2	37H2196 20/200404	Superseded	:Dowel		2	2	2
3	37H2205 20/200128	Superseded	:Circlip		1	1	1
4	37H2204 20/200413	Superseded	:Circlip		1	1	1
5	37H2194 37H2527 988/00065	Superseded Superseded	:Cover and Valve Seat & Spool Assy.		1	1	1
6	1305/4730	....	*:Bolt		4	4	4
7	LWN206 1416/0006	Superseded	:Washer		4	4	4
8	N.S.P.	....	:Spool		1	1	1
9	37H2197 20/200107	Superseded	:Cap		1	1	1
10	37H1411 20/200111	Superseded	:Spring		1	1	1
11	37H1845 20/200106	Superseded	:Cap		1	1	1
12	37H1841 20/200112	Superseded	:Valve		1	1	1
13	37H1846 20/200115	Superseded	:Spring		1	1	1
14	37H2203	....	:Seal		1	1	1
15	37H1840 20/200113	Superseded	:Shim-Thick		A/R	A/R	A/R
	37H1842 20/200108	Superseded	:Shim-Thin		A/R	A/R	A/R
16	37H2202 20/200117	Superseded	:Plug		1	1	1
17	18G8338 988/00066	Superseded	:Seal Kit		1	1	1
17A	20/200403	....	:Bearing		2	2	2
18	02/390005	....	*Gear		1	1	1
19	446/21503	....	*Key		1	1	1
20	NCS507 1305/1605	Superseded	Bolt		1	1	1
21	02/300010	....	*Washer		1	1	1

EA 34–1 POWER STEERING PUMP

110M **ISSUE** 3*

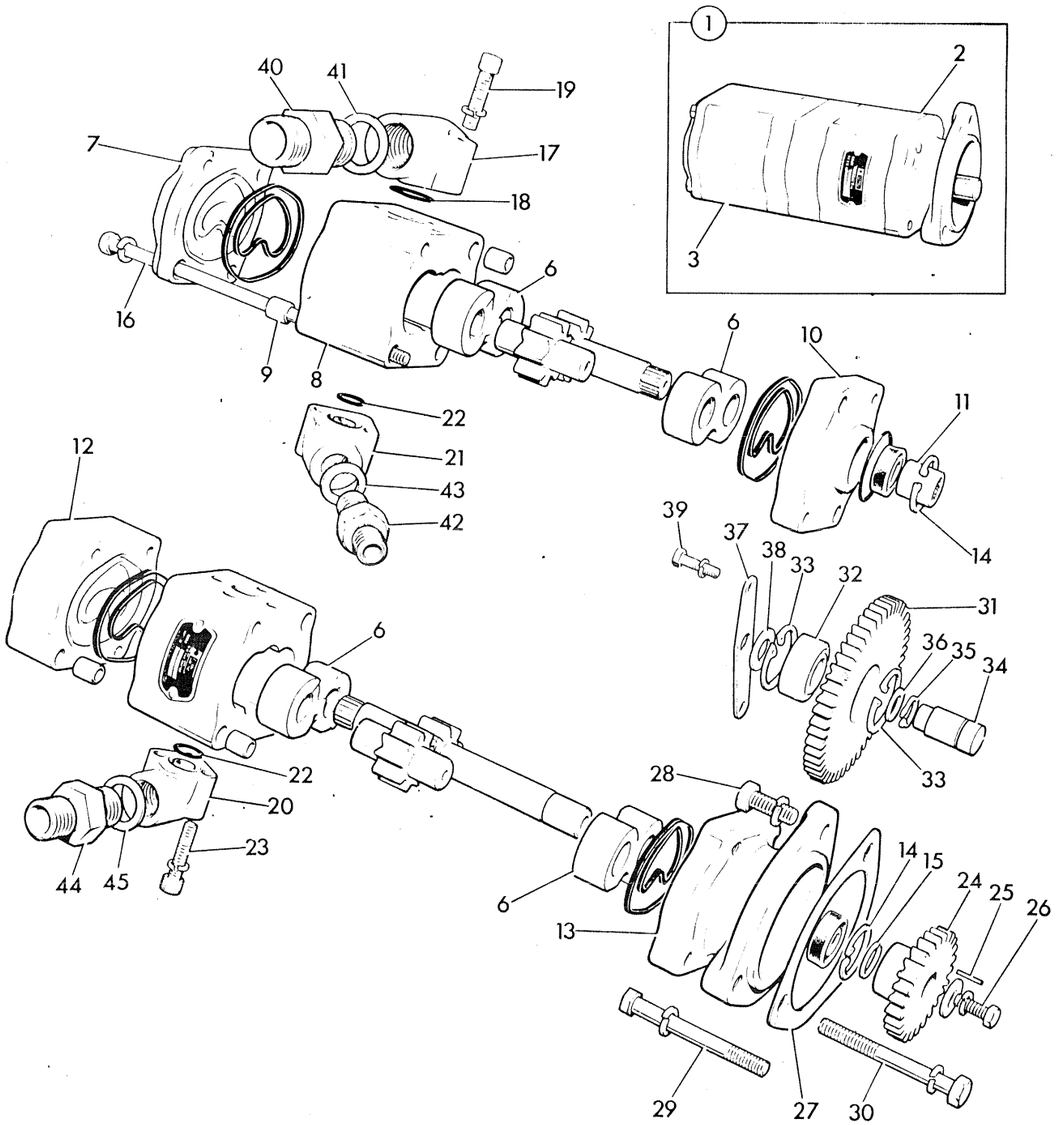


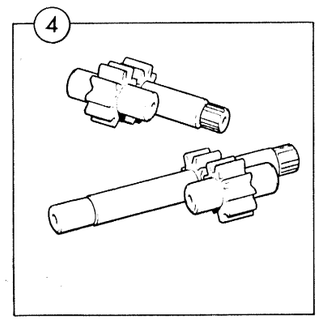
ITEM	PART No.	CHANGE No.	DESCRIPTION				QTY OF BUILD 38 T	38 TD	498 NT	498 NV
22	LWN305 1416/0005	Superseded	Washer	....	....	....		1	1	1
23	CMK561 988/00112	Superseded	Gasket	....	....	....		1	1	1
24	HNS609 1305/0207	Superseded	Bolt	....	....	....		1	1	1
25	LWN306 1416/0006	Superseded	Washer	....	....	....		1	1	1
26	HBN0626 1305/3224	Superseded	Bolt	....	....	....		1	1	1
27	FNN506 1340/0201	Superseded	Nut	....	....	....		1	1	1
28	HCN0622 HCN0624 HCZ624 1305/4722	.... Superseded Superseded E226 on	Bolt Bolt	....	....	....		1	1	1
29	LWN306 1416/0006	Superseded	Washer	.....		....	2	2	2	
30	CMK489 988/00138	Superseded	Idler Gear	....	....	....		1	1	1
31	AMK1535 988/00178	Superseded	Bearing	....	....	....		1	1	1
32	826/00580	....	*Circlip	....	....	....		2	2	2
33	02/300011	....	*Spindle	Correction was CMK940				1	1	1
34	826/00581	....	*Circlip	....	....	....		1	1	1
35	02/300012	....	*Collar	....	....	....		1	1	1
36	02/300013	....	*Plate	....	....	....		1	1	1
37	02/300014	....	*Collar	....	....	....		1	1	1
38	1305/0106	....	Bolt	....	....	....		2	2	2
39	1416/0005	....	Washer	....	....	....		2	2	2
40	816/00040	....	Adapter	....	....	....		1	1	1
41	2401/0505	....	'O'Ring	....	....	....		1	1	1
42	816/00110	....	Elbow	....	....	....		1	1	1
43	2401/0507	....	'O' Ring	....	....	....		1	1	1
44	816/00111 816/00111	....	Adapter	....	....	....		1	1	1

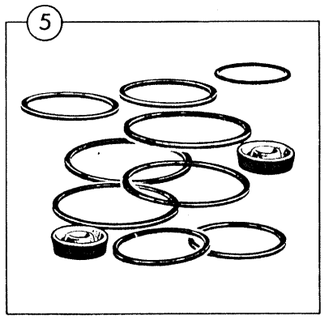
EA 34–2 TANDEM PUMP

2437

110M **ISSUE** 3*

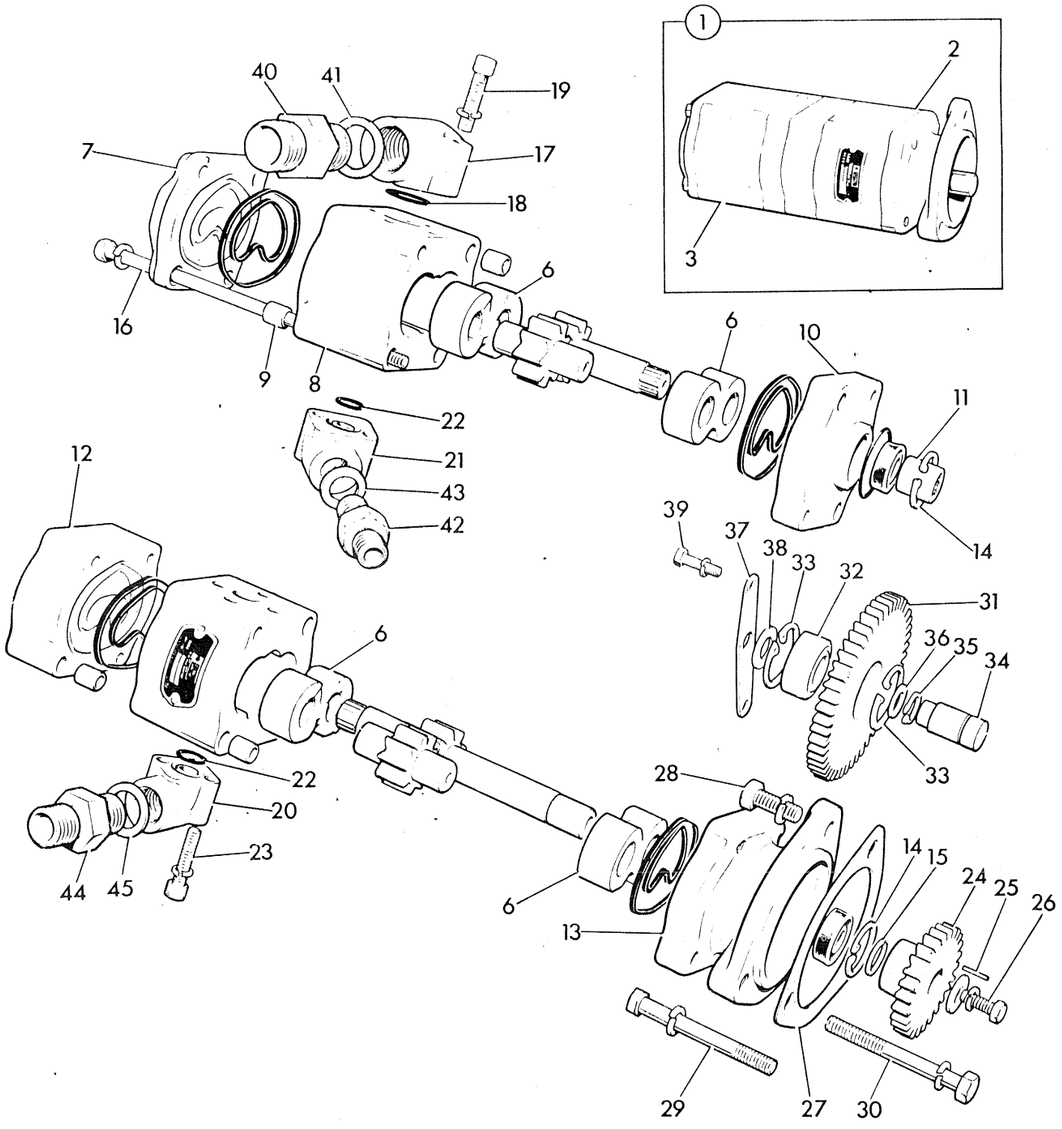


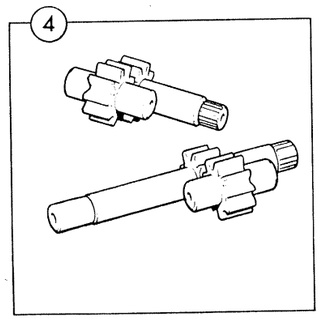


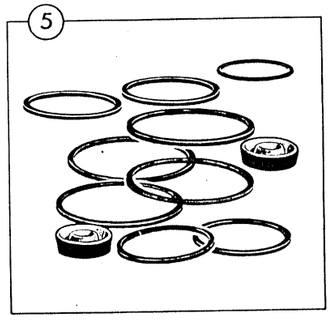


2437

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
1	20/200400	....	Pump C2513497		1	1	1
2	N.S.P.	....	:Driven Pump		1	1	1
3	N.S.P.	....	:Drive-Pump		1	1	1
4	20/200401	....	:Gear Pack		1	1	1
5	20/200402	....	:Seal Pack		1	1	1
6	20/200403	....	:Bearing		4	4	4
7	N.S.P.	....	:Cover		1	1	1
8	N.S.P.	....	:Body		2	2	2
9	20/200104	....	:Dowel		8	8	8
10	N.S.P.	....	:Cover		1	1	1
11	20/200406	....	:Muff Coupling		1	1	1
12	N.S.P.	....	:Cover		1	1	1
13	N.S.P.	....	:Bracket		1	1	1
14	20/200128	....	:Circlip		2	2	2
15	20/200413	....	:Circlip		1	1	1
16	20/200408	....	:Bolt		4	4	4
	20/200105	....	:Washer		4	4	4
17	20/200412	....	:Adapter		2	2	2
18	20/200306	....	:'O' Ring		2	2	2
19	20/200415	....	:Capscrew		4	4	4
	1416/0005	....	:Spring Washer		4	4	4
20	20/200411	....	:Adapter		1	1	1
21	20/200410	....	:Adapter		1	1	1
22	20/200307	....	:'O' Ring		2	2	2
23	20/200414	....	:Capscrew		4	4	4
	1416/0004	....	Spring Washer		4	4	4
24	02/390005	....	*Gear		1	1	1
25	446/21503	....	*Key		1	1	1
26	NCS0507 1305/1605	Superseded	Bolt		1	1	1
	02/300010	....	*Washer		1	1	1
	LWN305 1416/0005	Superseded	Spring Washer		1	1	1
27	CMK561 988/00112	Superseded	*Gasket		1	1	1
28	HNS0609 1305/0207	Superseded	Bolt		1	1	1





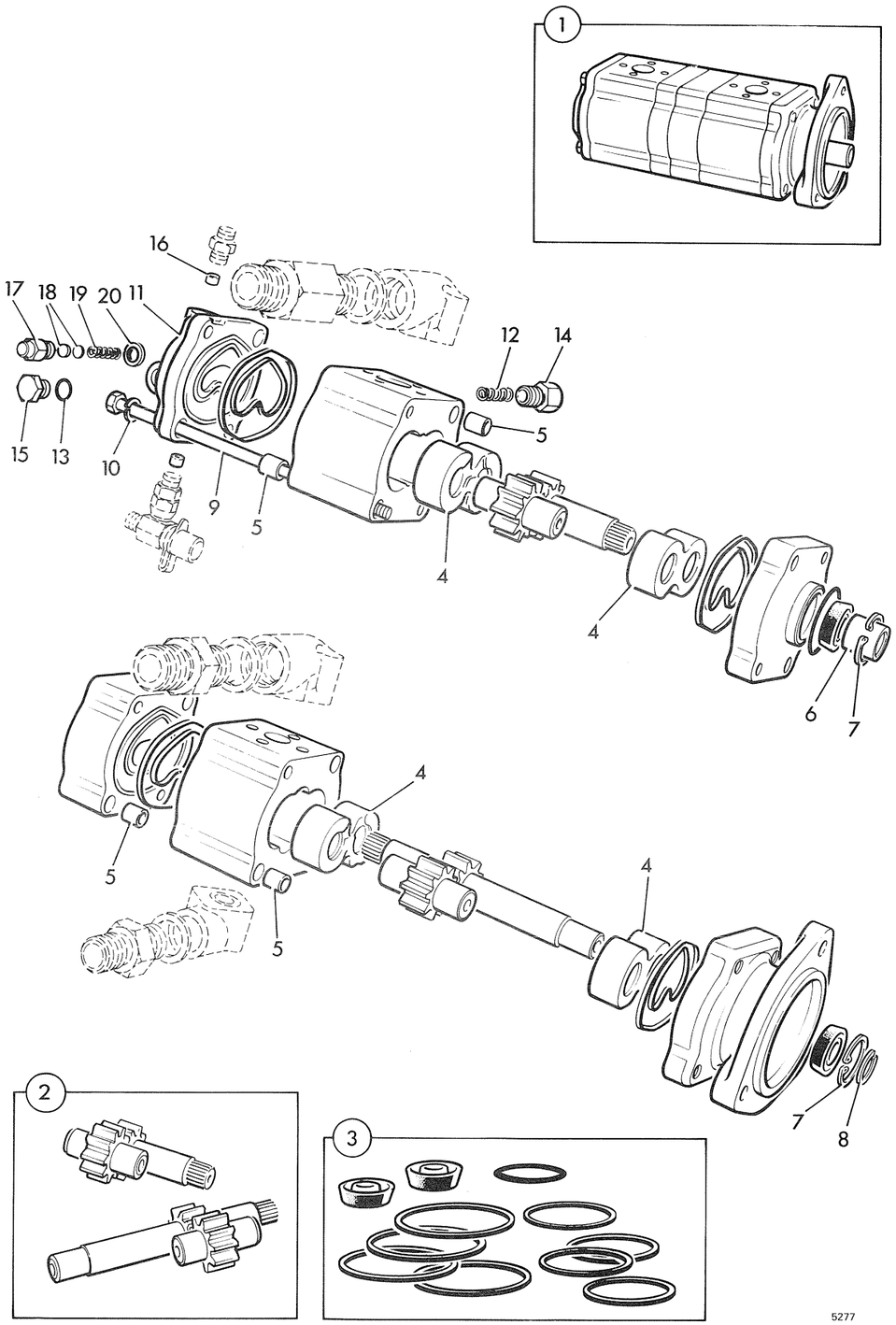


2437

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
28	LWN306 1416/0006	Superseded	Spring Washer		1	1	1
29	HBN0626 1305/3224	Superseded	Bolt		1	1	1
	LWN306	....	Spring Washer		1	1	1
	FNN506 1340/0201	Superseded	Nut		1	1	1
30	HCN0622	....	Bolt		1	1	1
	LWN306 1416/0006	Superseded	Spring Washer		1	1	1
31	CMK489 988/00138	Superseded	Idler Gear		1	1	1
32	AMK1535 988/00178	Superseded	Bearing		1	1	1
33	826/00580	....	*Circlip		2	2	2
34	02/300011	....	*Spindle		1	1	1
35	826/00581	....	*Circlip		1	1	1
36	02/300012	....	*Collar		1	1	1
37	02/300013	....	*Retaining Plate		1	1	1
38	02/300014	....	*Collar		1	1	1
39	HNS0508 HZS508 1305/0106	Superseded Superseded	Bolt		2	2	2
	LWN305 1416/0005	Superseded	Spring Washer		2	2	2
40	1606/0012	....	Adapter Was ATJ5292		2	2	2
41	1406/0021	....	Washer		2	2	2
42	1604/0003	....	Adapter Was ATJ5401		1	1	1
43	1406/0015	....	Washer		1	1	1
44	1606/0009 816/00299	Superseded	Adapter Was ATJ5382		1	1	1
45	1406/0018	....	Washer		1	1	1

EA 34–3 TANDEM PUMP T/C TRANSMISSION

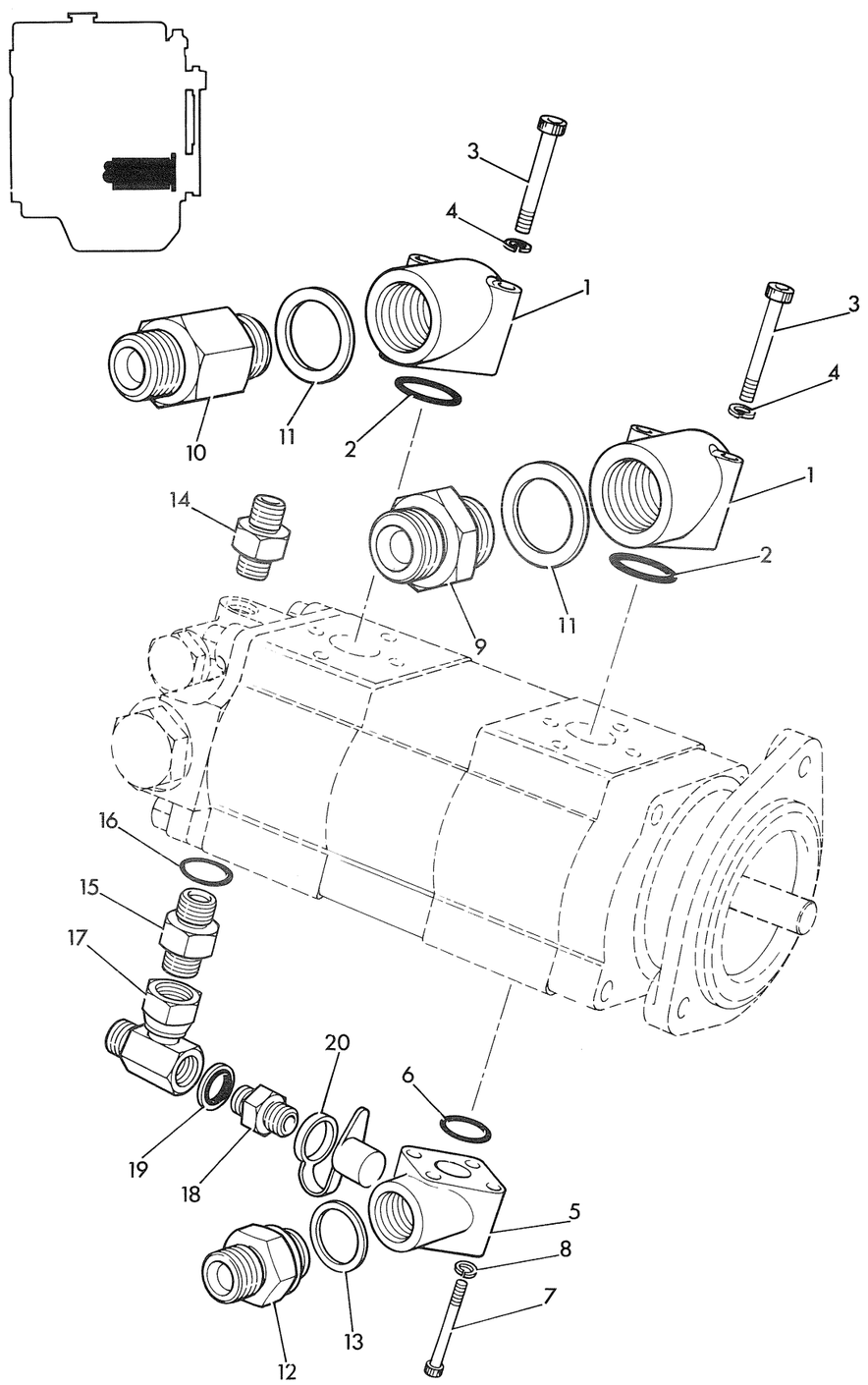
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	20/201000	....	Pump	....	1
2	20/200401	....	:Gear Pack	....	1
3	20/201001	....	:Seal Pack	....	1
4	20/200403	....	:Bearing	....	4
5	20/200104	....	:Dowel	....	8
6	20/200406	....	:Muff Coupling	....	1
7	20/200128	....	:Circlip	....	2
8	20/200413	....	:Circlip	....	1
9	20/200408	....	:Bolt	....	4
10	1416/0006	....	:Washer	....	4
11	20/201002	....	:Cover & Spool Assy.	....	1
12	20/201003	....	:Spring	....	1
13	20/201004	....	:Seal	....	2
14	20/201005	....	:Cap	....	1
15	20/201006	....	:Plug	....	1
16	20/200114	....	:Ferrule	....	1
17	20/200106	....	:Plug	....	1
18	20/200108	....	:Shim	....	As Reqd.
	20/200113	....	:Shim	....	As Reqd.
19	20/201007	....	:Spring	....	1
20	20/201008	....	:Seal	....	1

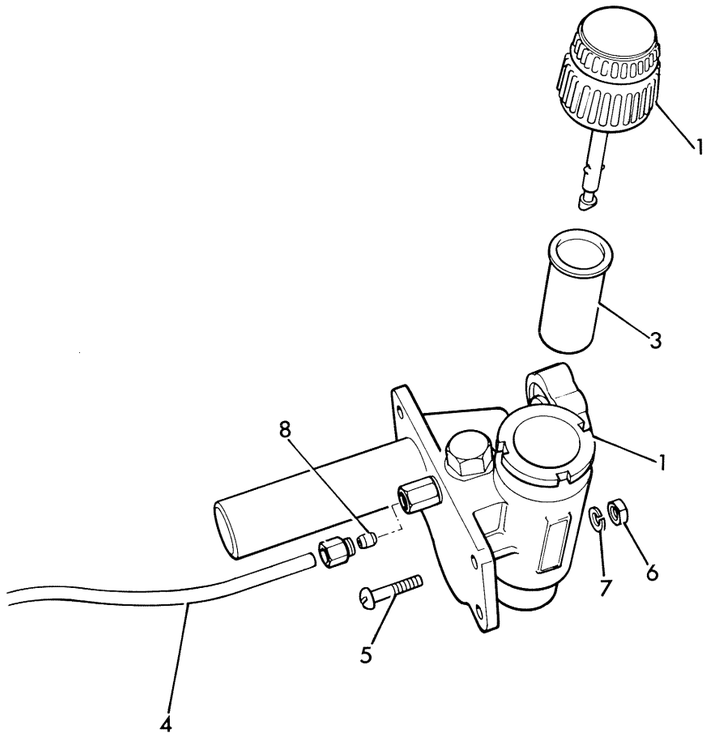
EA 34–4 PUMP ADAPTORS T/C TRANSMISSION

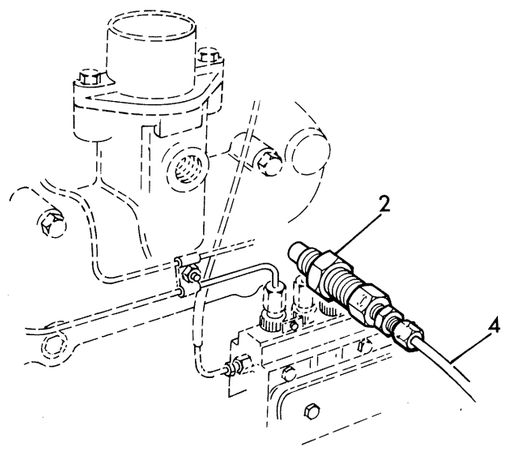
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	20/200412	....	Adapter	....	2
2	20/200307	....	'O' Ring	....	2
3	20/200415	....	Capscrew	....	4
4	1416/0005	....	Washer	....	4
5	20/200411	....	Adapter	....	1
6	20/200306	... .	'O' Ring	....	1
7	20/200414	....	Capscrew	....	2
8	1416/0004	....	Washer	....	2
9	1606/0012	....	Adapter	....	1
10	816/60018	....	Adapter	....	1
11	1406/0021	....	Washer	....	2
12	816/00299	....	Adapter	....	1
13	1406/0018	....	Washer	....	1
14	816/15016	....	Adapter	....	1
15	816/00192	....	Adapter	....	1
16	2401/0505	....	'O' Ring	....	1
17	816/50010	....	Tee Adapter	....	1
18	816/00469	....	Coupling	....	1
19	1406/0011	....	Seal	....	1
20	835/00012	....	Dust Cap	....	1

EA 35 COLD START DEVICE

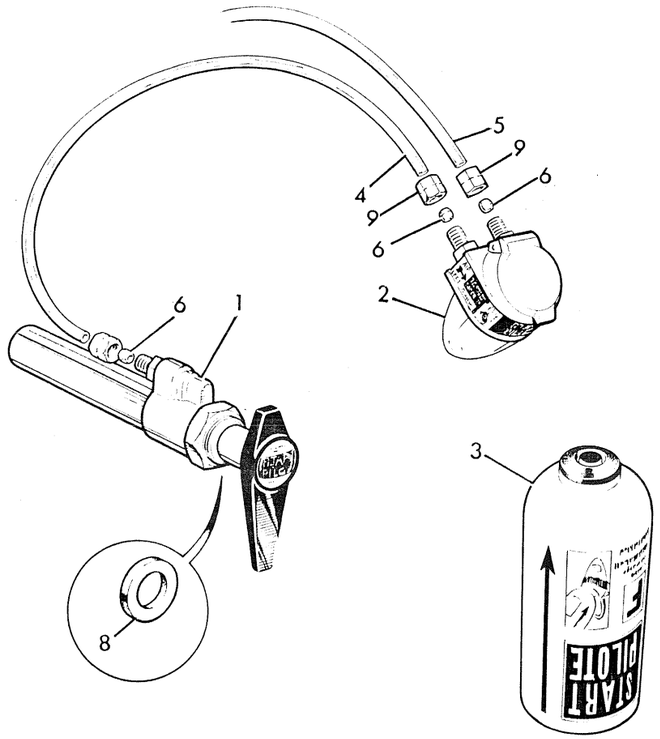


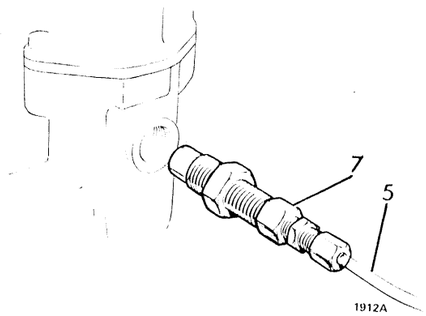


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	41K2114	....	Cold Start Device	....	1
2	41K2118	....	Nozzle	....	1
3	107/40004	....	Capsule	....	As Reqd.
4	647/00101 647/00100	Superseded	Tube	....	1
5	PMZ0312	....	Screw	Device to Mounting Plate	4
6	FNZ103	....	Nut	....	4
7	LWZ203	....	Spring Wsher	....	4
8	41K2117 988/00035	Superseded	Olive	....	2

EA 35–1 COLD START DEVICE A

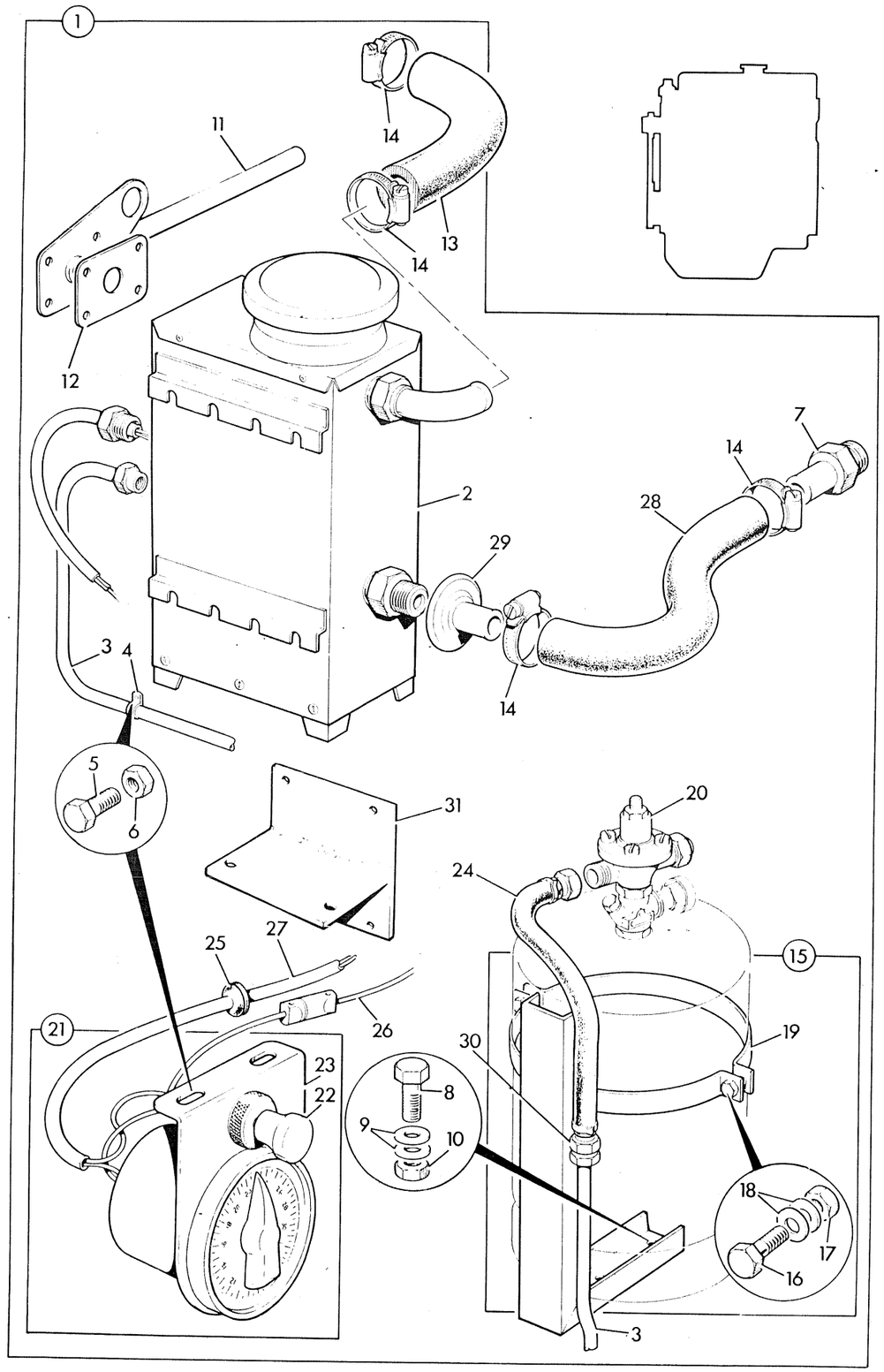
110M **ISSUE** 1





1912A

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 38 T	38 TD	498 NT	498 NV
	106/82300	....	Cold Start Pilot		1	1	1
1	253/12700	....	:Pump		1	1	1
2	253/12800	....	:Reservoir		1	1	1
3	253/12601	....	:Can		1	1	1
4	647/00100	....	Tube 12in. Long To M61767 ..... 25in. Long		1	1	1
5	647/00100	....	Tube 72in. Long To M61767 .... 84in. Long		1	1	1
6	41K2117 988/00035	Superseded	:Olive		4	4	4
7	41K2118	....	:Nozzle		1	1	1
8	823/00056	....	:Washer		2	2	2
9	253/12801	....	:Nut		2	2	2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	108/51900	....	Heater Installation	....	1
2	204/31900	....	:Heater	....	1
3	108/52200	....	:Gas Pipe	....	1
4	254/05907	....	:Clip	....	1
5	1360/0204	....	:Bolt	....	3
6	1358/0203	....	:Nut	....	3
7	816.00353	....	:Adapter	....	1
8	1305/0208	....	:Bolt	....	2
9	1403/0001	....	:Washer	....	2
10	1340/0203	....	:Nut	....	2
11	108/53900 529/26300	....	:Pipe	....	1
12	813/00201	....	*:Gasket	....	1
13	108/51903	....	:Elbow	....	1
14	2201/0005	....	:Clip	....	4
15	204/32600	....	:Bracket	....	1
16	1305/0201	....	::Bolt	....	2
17	1340/0203	....	::Nut	....	2
18	1411/0003	....	::Washer	....	4
19	204/32603	....	::Strap	....	1
20	204/32100	....	:Reducing Valve (F)	....	1
	204/32800	....	:Reducing Valve (M)	....	1
21	204/32200	....	:Switch Kit	....	1
22	270/56701	....	::Switch	....	1
23	270/56700	....	::Plate	....	1
24	204/32201	....	::Gas Hose	....	1
25	2410/0105	....	:Grommet	....	1
26	703/15502	....	:Wire	....	1
27	703/15501	....	:Loom	....	1
	706/02700				
28	647/00200 648/01900	Superseded	:Hose	....	1
29	204/32000	....	:Check Valve	....	1
30	816/00416	....	:Adapter	....	1
31	108/52000 529/26500	....	Mounting Bracket	....	1

End of Section EA

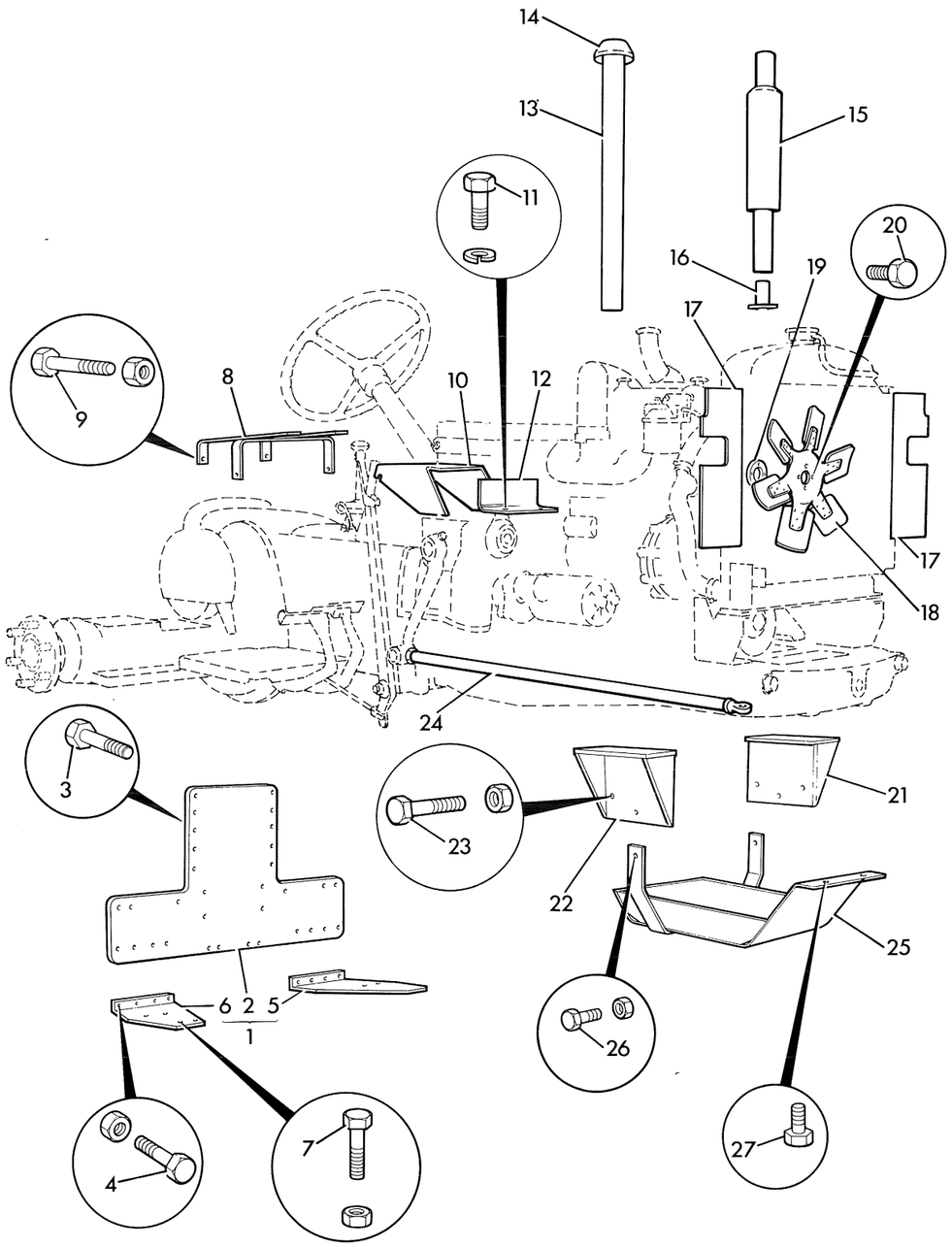
EC

3 Cylinder Engine

Pages EC1 to EC6

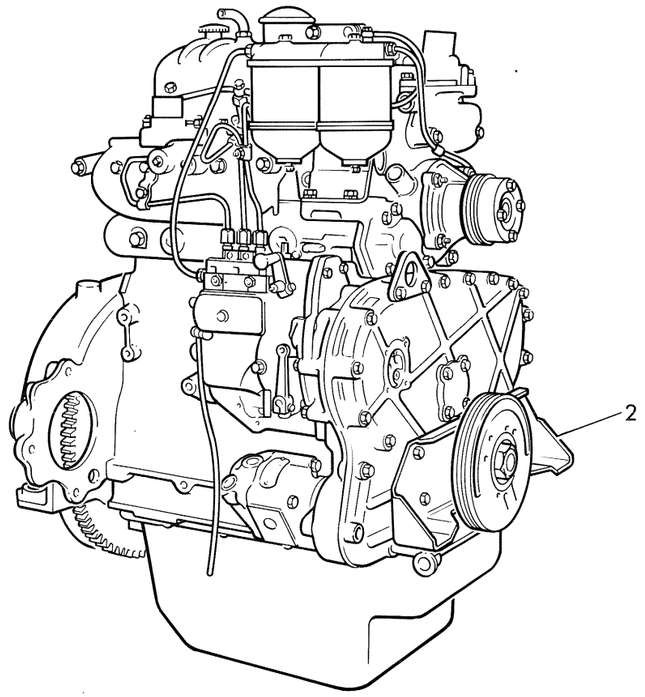
Description	Engine Prefix 28 T	28 TD	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Air Cleaner	1		EC31		EC31					
		1	EC31.1 E101 on							
Breather Pipe	1	1	EC22		EC22					
Camshaft	1	1	EC4		EC4					
Cold Start Device	1		EC35		EC35					
		1	EC35.1 E101 on							
Connecting Rod	1	1	EC3		EC3					
Crankshaft	1	1	EC3		EC3 To M45571					
Cylinder Block	1	1	EC2		EC2					
Cylinder Head	1	1	EC6		EC6					
Engine Unit	1	1	EC1.1		EC1.1					
-Fittings JCB	1	1	EC1		EC1					
-Gasket Sets	1	1	EC23		EC23					
Exhaust System	1	1	EC22		EC22					
Flywheel Housing	1	1	EC4		EC4					
Fuel System										
:Filter	1		EC21		EC21					
		1	EC21.1 E101 on							
:Injection Pump	1	1	EC15		EC15					
::Pump Drive	1		EC14		EC14					
		1	EC14.1 E101 on							
::Pump Governor	1	1	EC17		EC17					
::Pipes	1	1	EC19		EC19					
:Injectors	1	1	EC18		EC18 To M45571					
:Lift Pump	1	1	EC20		EC20					
:Sediment Trap	1	1	EC30		EC30					
Inlet Manifold	1	1	EC13		EC13					
Lubrication System										
:Oil Filter	1		EC12		EC12					
		1	EC12.1 E101 on							
::Gauge Union	1	1	EC22		EC22					
::Pump	1		EC11		EC11					
		1	EC11.1 E101 on							
::Relief Valve	1		E11		E11					
		1	E11-1							
Piston	1	1	EC3		EC3					

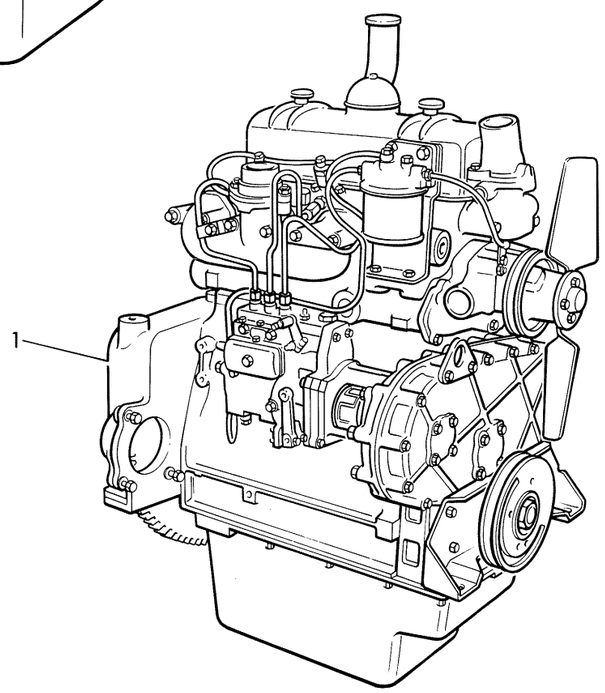
Description	Engine Prefix 28 T	28 TD	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Pump Power Steering		1	EC34							
Push Rod & Tappets	1	1	EC4		EC4					
Radiator & Fittings	1		EC32		EC32					
		1	EC33 E101 on							
Sump	1	1	EC10		EC10 To M45571					
Thermostat & Housing	1	1	EC8		EC8					
Timing Case	1	1	EC5		EC5					
Valves	1	1	EC6		EC6					
:Rockers	1	1	EC7		EC7					
Water Pump	1		EC9		EC9					
		1	EC9.1 E101 on							



5022

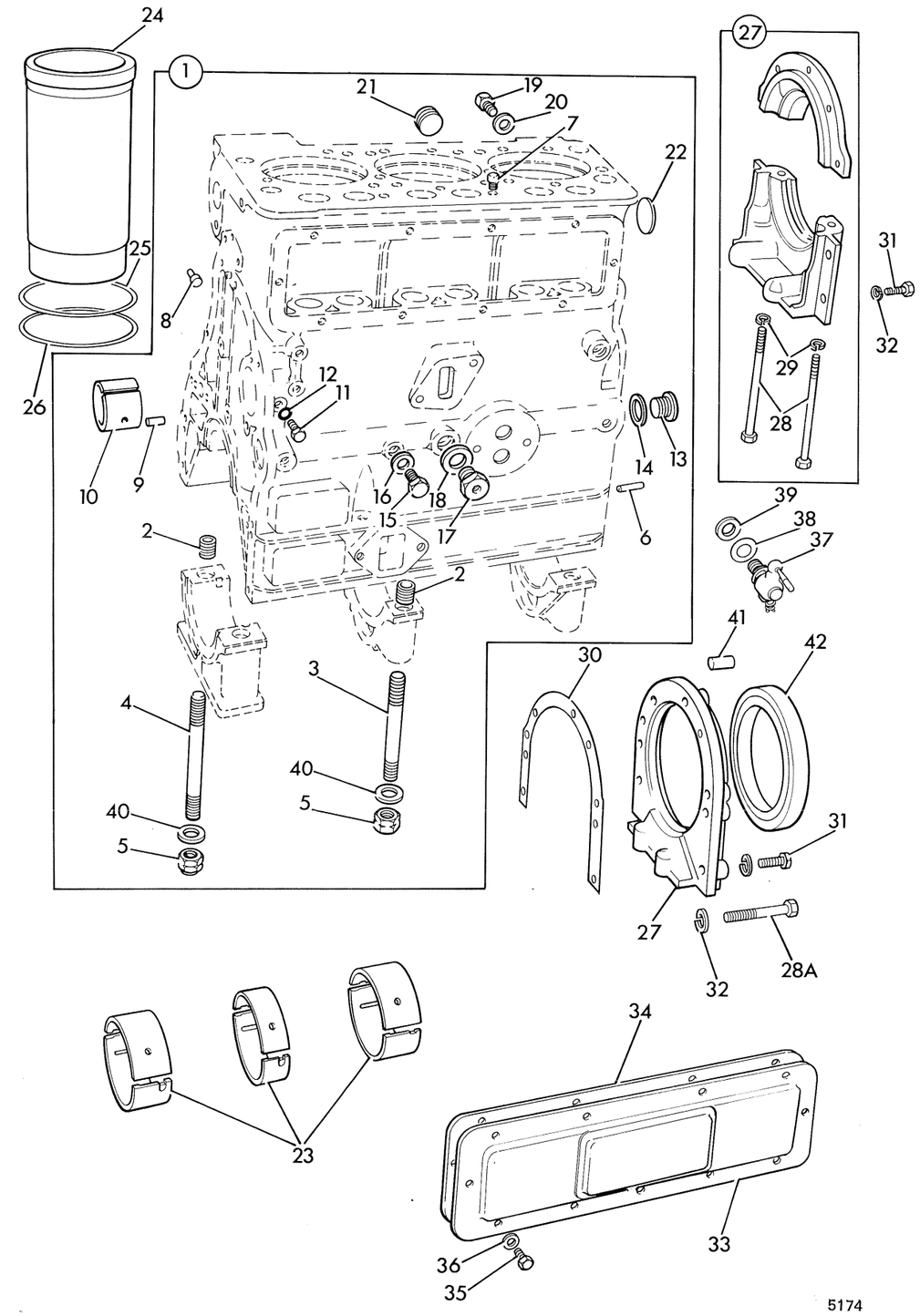
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	N.S.P.	....	Cover Assembly	Was AEM17/43	1
2	103/28010	....	:Cover	....	1
3	1305/2112	....	:Bolt	....	5
	1416/0010	....	:Washer	....	5
4	1305/6615 1305/3615	Superseded	:Bolt	....	8
	1340/0603	....	:Nut	....	8
5	AEM17/53	....	:Plate N/S	....	1
6	AEM17/44	....	:Plate O/S	....	1
7	1305/3720	....	:Bolt	....	8
	1416/0011	....	Washer	....	8
	1340/0703	....	Nut	....	8
8	AL11/192	... .	Seat Mounting	....	1
9	1305/6318 1305/3318	Superseded	Bolt	....	2
	1340/2103	....	Nut	....	2
10	L15/116/1	To M20486	Cover	....	1
11	1305/0305	....	Bolt	....	2
	1416/0007	....	Washer	....	2
12	AL15/60	....	Bracket	....	1
13	NT8369	....	Breather Pipe	....	1
14	NT6491	....	Pre-Cleaner	....	1
15	L15/49	....	Exhaust Silencer	....	1
16	104/81100	....	Adapter	....	1
17	L15/85	....	Plate	....	2
18	103/28007	....	Fan	....	1
19	103/28006	....	Spacer	....	1
20	1305/3012	....	Bolt	....	4
21	AL15/16	....	Bracket L.H.	....	1
22	AL15/40	....	Bracket R.H.	....	1
23	1305/3718	....	Bolt	....	6
	1416/0011	....	Washer	....	6
	1340/0703	....	Nut	....	6
24	AL15/44	....	Drag Link	....	1
25	AL15/111 L15/155	Superseded	Sump Guard	....	1
26	1305/3714	....	Bolt	... .	2
	1340/0703	....	Nut	....	2
27	1305/0712	....	Bolt	....	2



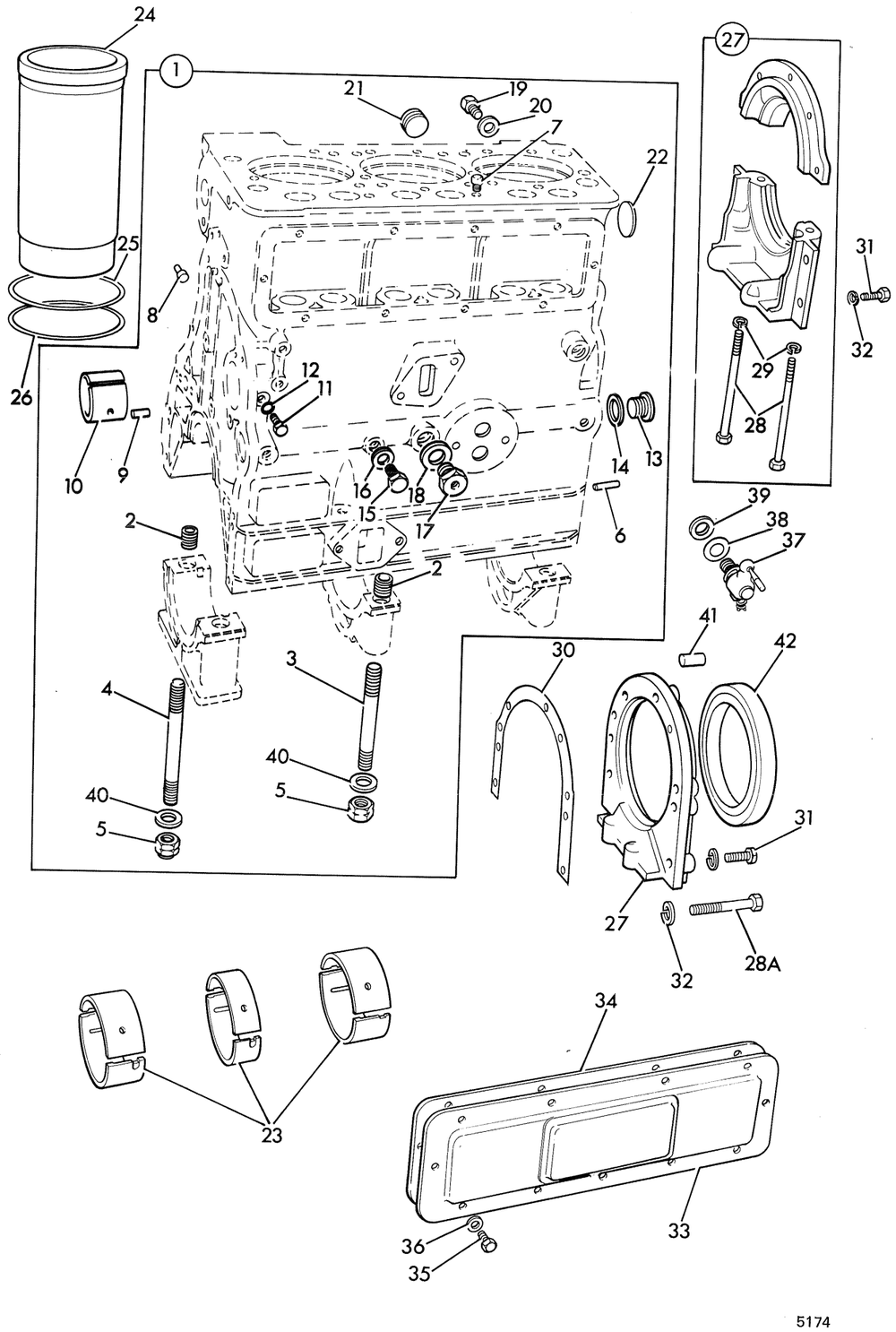


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OF BUILD 28 T	28 TD
1	N.S.P.	....	Stripped Engine Unit	1	
2	N.S.P.	....	Stripped Engine Unit		1

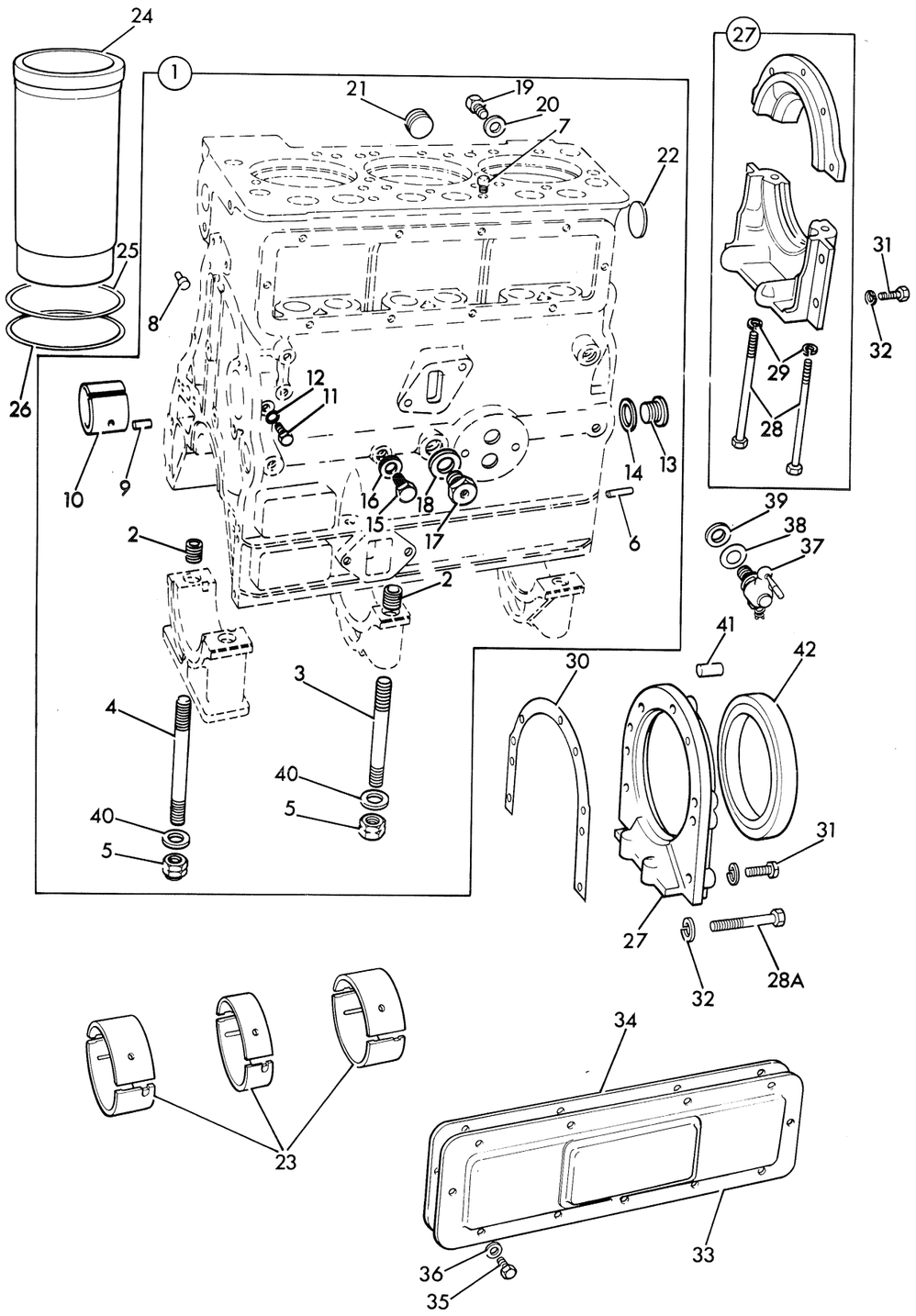
Please use component Parts.



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OFF BUILD 28 T	28 TD
1	CMK1712 37D95 37D402	To 1493 To 3054	Cylinder Block Cylinder Block	CMK1712 N/A Use 37D95 with 13H1992 37D95 N/A Use 37D402 with 37D4263 off	1	
	37D836 86K111	See Remarks	Cyinder Block	37D836 N/A Use 86K111 with 988/00051 & 86K113		1
	N.S.P.	....	:Bearing caps	....		
2	02/300201	....	*:Dowel	....	12	12
3	37D86	....	:Stud-Short	....	6	
	37D528	....	:Stud-Short	....		6
4	37D85	....	:Stud-Long	....	2	
	37D527	....	:Stud-Long	....		2
5	13H1990	....	:Nut	....	8	
	13H2995 13H4043 88G590	Superseded Superseded	:Nut	....		8
6	AMK1017	....	:Dowel	Flywheel to Block	3	3
7	AMK697	....	:Dowel	Cylinder Head to Block	2	2
8	AMK783	....	:Dowel	Bracket to Block	2	
9	02/394005	....	*:Dowel	Timing Case to Block	3	3
10	02/392001	....	*:Bush	....	1	1
11	826/00582	....	*:Screw	....	1	1
12	823/00208	....	*:Washer	....	1	1
13	816/80013	....	*:Plug	....	2	2
14	823/00209	....	*:Washer	....	2	2
15	816/80014	....	*:Plug	....	2	2
16	823/00210	....	*:Washer	....	2	2
17	AMK317	... .	:plug	....	1	
18	AMK1016	....	:Washer	....	1	1
19	816/80014	....	*:Plug	....	2	2
20	823/00210	....	*:Washer	....	1	1
21	816/80017	... .	*Plug	....	2	2
22	AMK706	....	Core Plug	....	1	1



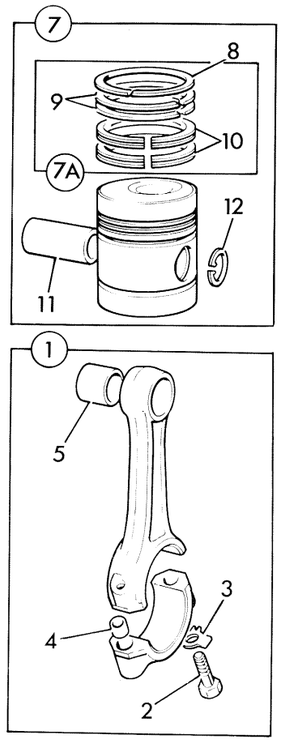
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OFF BUILD 28 T	28 TD
23	8G2367	....	Main Bearing STD	....	1 set	
	8G2485	....	Main Bearing STD	....		1 set
	8G2367/15 8G2366/15	Superseded	Main Bearing.015in.(.381mm)U/S		1 set	
	8G2485/15	....	Main Bearing.015in.(.381mm)U/S			1 set
	8G2367/30	....	Main Bearing.030in.(.762mm)U/S		1 set	
	8G2485/30	....	Main Bearing.030in.(.762mm)U/S			1 set
	8G2367/45	....	Main Bearing.045in.(1.143mm)U/S		1 set	
	8G2485/45	....	Main Bearing.045in.(1.143mm)U/S			1 set
24	CMK169 37D425 37D346 37D1837 988/00095	Superseded To E3054 Superseded Superseded	Liner	....	3	
	37D2942 86K931 86K1190 988/00051	Superseded Superseded Superseded	Liner	For use with Block 86K111		3
	37D2843	....	Liner	Tractor 184 for information	3	
25	AMK1970	To E3054	Shim .003in.(.076mm)	....	A/R	
	AMK1971	To E3054	Shim .005in.(.127mm)	....	A/R	
	988/00057	....	Shim .003in.	....		A/R
	988/00058	....	Shim .004in.	....		A/R
	988/00059	....	Shim .005in.	....		A/R
26	AMK61 37D347 37D1857	To E3054 Superseded	Sealing Ring	....	3	3
27	AMK2532	....	Cover Plate	....	1	
	37D531 86K1953	Superseded	Cover Plate	....		1
28	HBN0522 HBZ522 1305/3120	Superseded Superseded	:Bolt	....	2	
28A	HBN0412 1305/3010	Superseded	Bolt	....		2
29	LWN305 1416/0005	Superseded	:Washer	....	2	

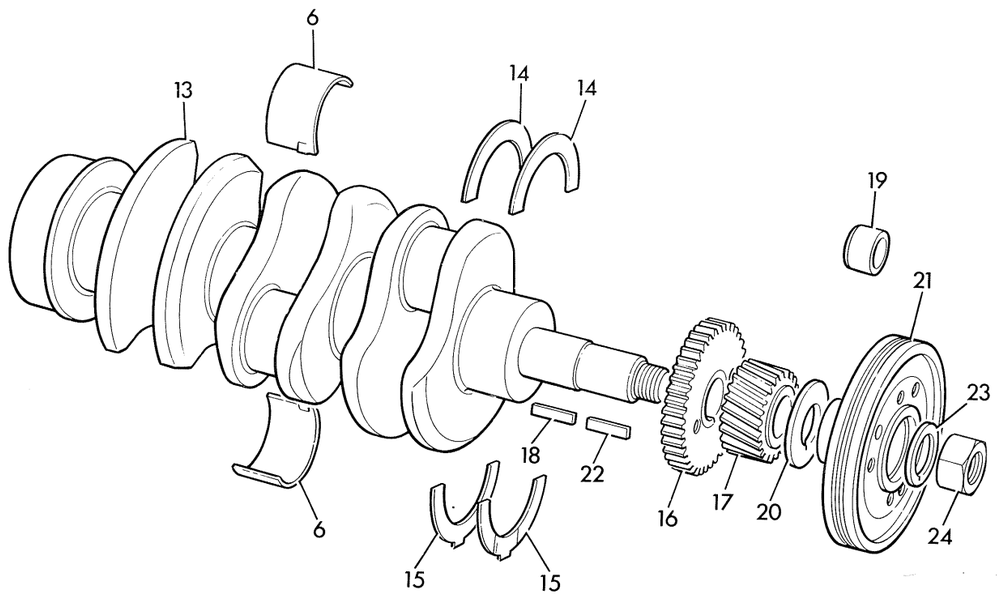


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OFF BUILD 28T	28TD
30	813/00193	....	*Gasket	1	1
31	HZS407 1305/0005	Superseded	Bolt	9	7
32	LWN304 1416/0004	Superseded	Washer	9	7
33	AMK1822	....	Cover	1	
	AMK876	....	Cover		1
34	37D333	....	Gasket	1	1
35	13H2102 1305/0002	Superseded	Screw	11	11
36	823/00217	....	*Washer	11	11
37	AMK700	... .	Drain Tap	1	1
38	AMK701	....	Shim	A/R	A/R
39	823/00211	....	*Washer	2	2
40	37D91	....	Washer	8	8
41	AEA557 RPS1222 2102/0016	Superseded Superseded	Roll Pin		2
42	813/00222	....	*Seal		1

Note:

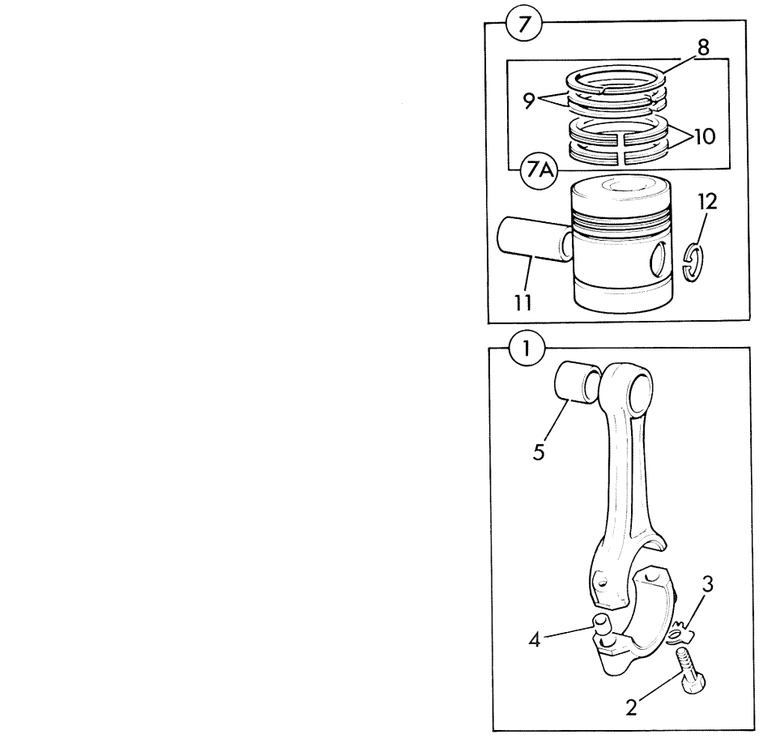
On some 28T reconditioned engines suffix 'BGT' follow the part number on the engine number plate. This denotes fitment of 28TD components.

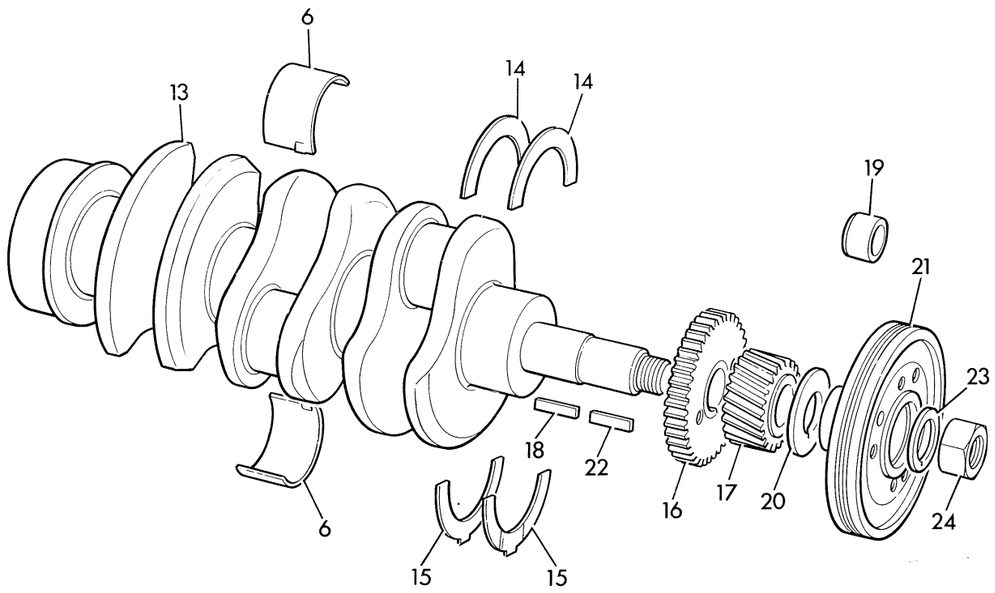




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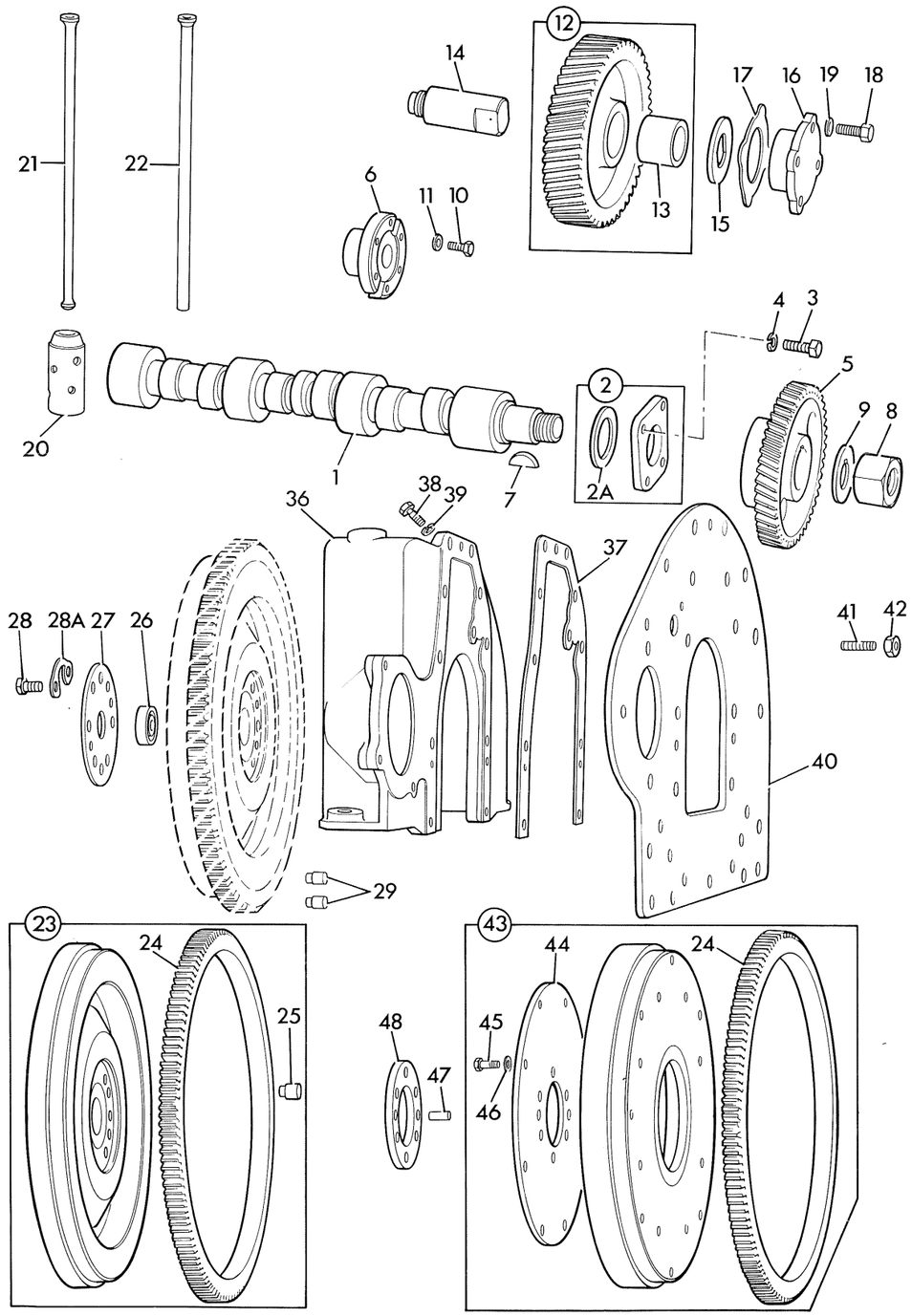
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY OFF BUILD 28 T	28 TD
1	CMK1186 37D48 37D3365	To E1967 Superseded	Connecting Rod	CMK1186 N/A Use 37D3365 in Sets of 3	3	
	37D539 37D3176 86K1093	To E5443 Superseded	Connecting Rod	37D539 N/A Use 37D3176 in Sets of 3		3
2	CMK1140	....	:Bolt	....	6	
	CMK1140 02/300401	To E5443	*:Bolt	....		6
3	AEB163	....	:Tab Washer	....	6	6
4	02/394006	....	*:Dowel	....	6	6
5	988/00105	....	:Bush	....	3	3
6	8G2369	....	Bearing-Big End STD Size	....	1 set	
	8G2486	....	Bearing-Big End STD Size	....		1 set
	8G2369/15	....	Bearing-Big End.15in.(.381mm)U/S		1 set	
	8G2486/15	....	Bearing-Big End.015in.(.381mm)U/S			1 set
	8G2369/30	....	Bearing-Big End.030in.(.762mm)U/S		1 set	
	8G2486/30	....	Bearing-Big End.030in.(.762mm)U/S			1 set
	8G2369/45	....	Bearing-Big End.045in.(1.142mm)U/S		1 set	
	8G2486/45	....	Bearing-Big End.045in.(1.142mm)U/S			1 set
7	CMK389 37D426 988/00097	To E3054 Superseded	Piston-STD (Less E2973 to E2980)		3	
	37D426 37D3106 86K820 988/00098	To E4041 Superseded Superseded	Piston-STD			3
	37D0426/20	....	Piston 0.20in.(.508mm) O/S		3	
	37D0426/20 37D3106/20	To E4041	Piston 0.20in.(.508mm) O/S			3
7A	AHM9024 AHM9025	To E3054	:Ring Kit		1	





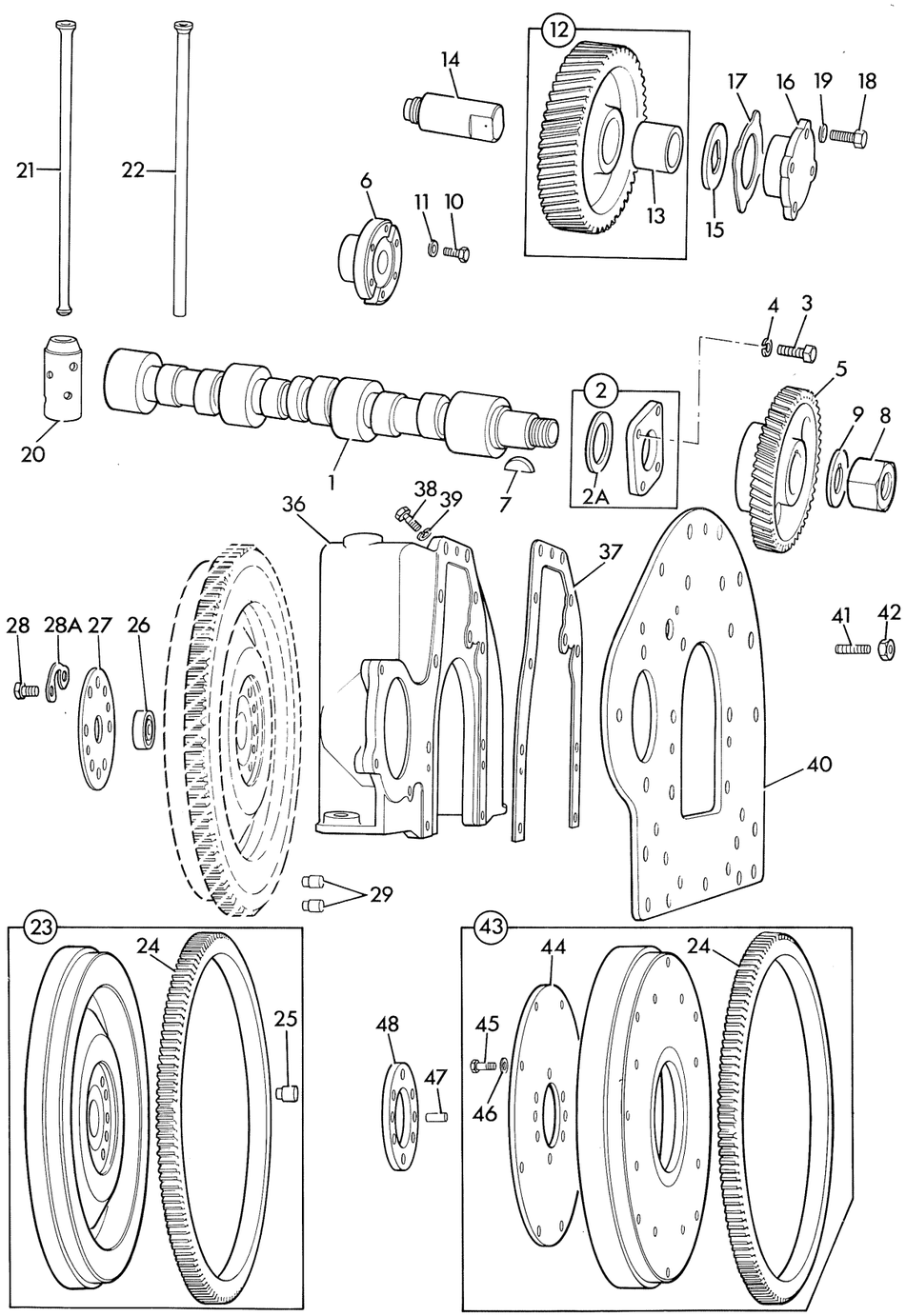
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ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OFF BUILD 28 T	28 TD
7A	AHM9025 AHM9045	To E4041	:Ring Kit		1
8	N.S.P.	....	::Ring compression STD Was CMK198 & 86K822	3	3
	N.S.P.	....	::Ring Compression.020in. (.508mm) O/S Was CMK0196/20	3	3
	N.S.P.	....	::Ring Compression STD Was CMK198	6	6
9	N.S.P.	....	::Ring Compression.020in. (.508mm) O/S Was CMK198/20	6	6
10	N.S.P.	....	Piston Ring-Scraper (Less E2973 to E2980) Was CMK197 & 37D446 & 86K809	6	6
	N.S.P.	....	Piston Ring-Scraper.020in. (.508mm) O/S Was 37D446/20	6	6
11	CMK237	....	Gudgeon Pin	6	6
12	CCN222	....	Circlip	6	6
13	37D275	....	Crankshaft	1	
	37D842	....	Crankshaft		1
14	AMK43 37D155	Superseded	Thrust Washer Upper	2	
	02/300115	....	*Thrust Washer Upper		2
15	AMK44 37D154	Superseded	Thrust Washer Lower	2	
	02/300116	....	*Thrust Wsaher Lower		2
16	AMK883 988/00139	Superseded	Gear	1	1
17	02/390002	....	*Wheel	1	1
18	02/394001	....	*Key	1	1
19	CMK120	....	Distance Piece	1	1
20	02/300001	....	*Oil Thrower	1	1
21	37D276	....	Pulley	1	
	37D2356 37D276	To E1528	Pulley		1
22	02/394001	....	*Key	1	1
23	02/300095	....	*Tab Washer	1	1
24	FNN116 1340/0901	Superseded	Nut	1	1



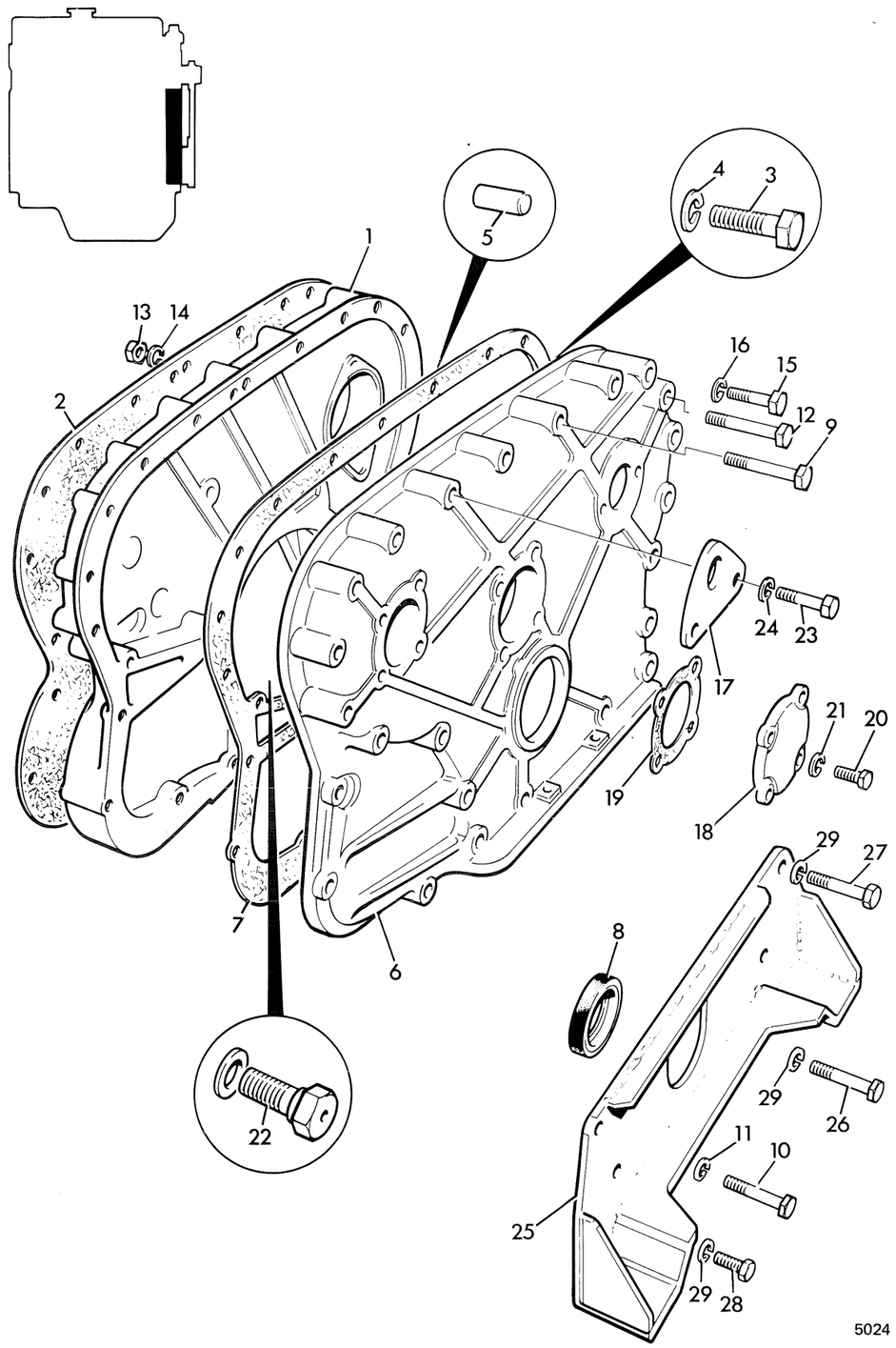
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ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OFF BUILD 28 T	28 TD
1	AMK2849	....	Camshaft	1	
	37D830	....	Camshaft		1
2	02/300004	... .	*Plate	1	1
2A	CMK496	....	Thrust Washer		1
3	1305/0105	....	Bolt	2	2
4	1416/0005	....	Washer	2	2
5	CMK184	....	Gear	1	
	02/390003	....	*Gear		1
6	AMK98	....	Hub	1	
7	WKN809	....	Key	1	1
8	1340/0801	....	Nut	1	1
9	AMK112	....	Tab Washer	1	1
10	AMK732	....Bolt	....	6	
11	1411/0002	....	*Washer	6	
12	02/390004	....	*Idler Gear	1	1
13	02/392013	....	*:Bush	1	1
14	02/300007	....	*Shaft	1	1
15	02/300008	....	*Thrust Washer	1	1
16	02/300009	....	*Bearing	1	1
17	813/00198	....	*Gasket	1	1
18	1305/0105	....	Bolt	4	4
19	LWN304	....	Washer	4	4
20	02/300039	....	*Tappet	6	6
21	AMK85 02/300040	Superseded	*Push Rod-Tubular — Alternatives Interchangeable in sets only	6	6
22	02/300040	....	*Push Rod - Solid	6	6
23	37D277	....	Flywheel	1	
	37D2892	....	Flywheel		1
24	AMK1261	....	:Starter Ring	1	
	CMK181	....	:Starter Ring		1
25	AMK1041	....	Dowel	2	2

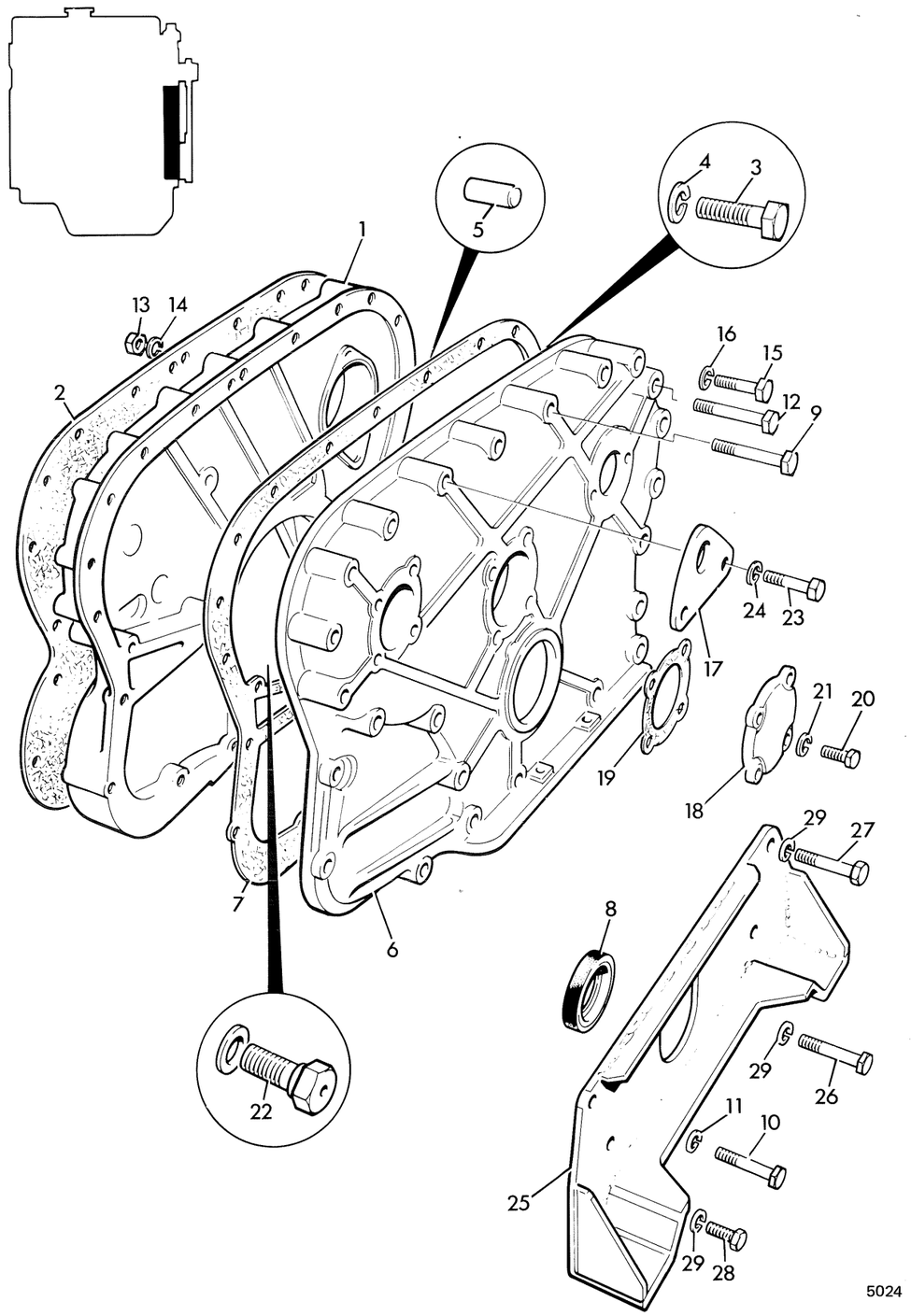


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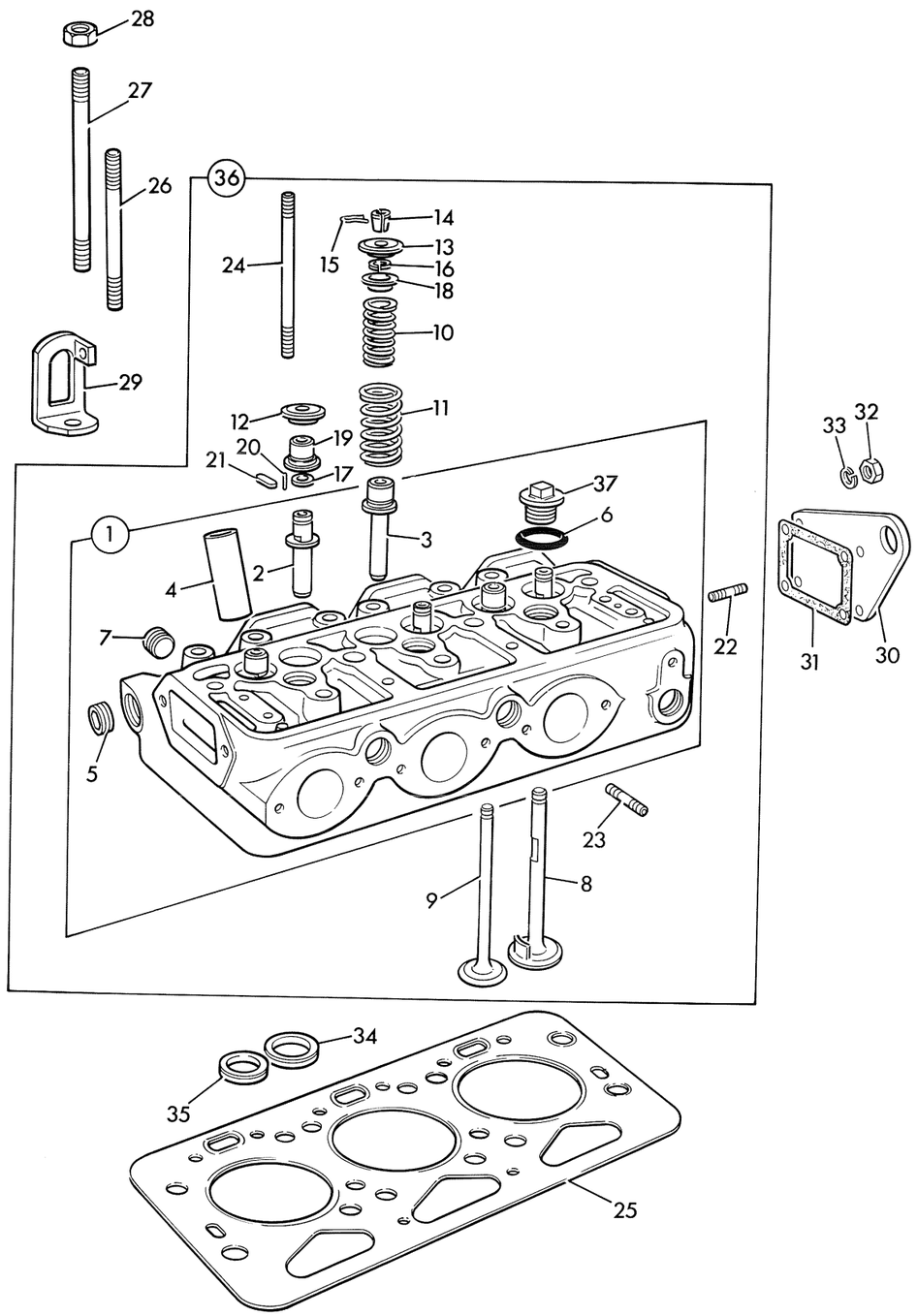
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY OFF BUILD 28 T	28 TD
26	BMK411 13H4897 88G622 988/00042	Superseded Superseded Superseded	Bearing	1	1
27	AMK2721	....	Plate	1	1
28	AMK29 37D418	Superseded	Bolt	6	6
28A	37D417 988/00055	Superseded	Tab Washer Use with 37D418	3	3
29	CMK1457 988/00052	Superseded	Dowel	1	1
	CMK1458	....	Dowel	1	1
36	AMK2614	....	Housing Was 8G2498	1	
	37D2093	....	Housing		1
37	AMK392 988/00122	Superseded	Gasket	1	1
38	HNS0709 1305/0307	Superseded	Bolt	11	11
39	LWN307 1416/0007	Superseded	Washer	11	11
40	37D2954 37D3043 446/19317	Superseded Superseded	Sandwich Plate Torque Converter		1
41	ATJ3151	....	Stud		1
42	FNZ109 ATJ1081	Superseded	Nut		1
43	446/19304	....	Drive Plate		1
44	446/19305	....	:Disc		1
45	1305/0204	....	:Bolt		8
46	1418/0012	....	:Washer		8
47	2102/1113	....	Dowel		1
48	446/19315	....	Clamp Ring		1



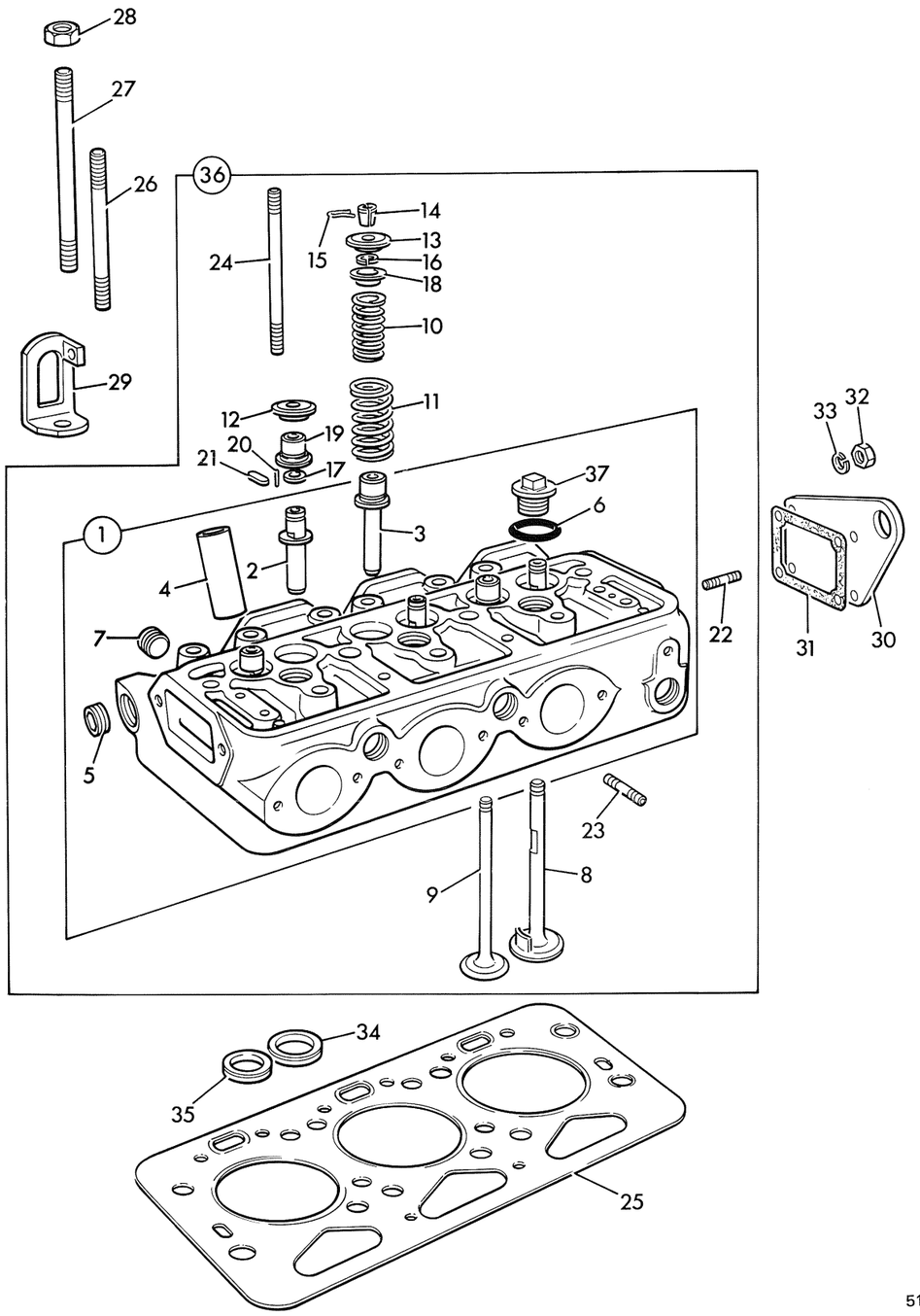
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
1	86K138	....	*Casing-Rear Half	1	
	37D2116	....	Casing-Rear Half		1
2	813/00194	....	*Gasket	1	1
3	1305/0106	....	Bolt	6	6
4	1416/0005	....	Washer	6	6
5	02/394007	....	*Dowel	2	2
6	CMK172	....	Cover	1	
	02/300109	....	*Cover		1
7	AMK237	....	Gasket	1	
	813/00195	....	*Gasket		1
8	813/00223	....	*Oil Seal	1	1
9	HBN0528 1305/3126	Superseded	Bolt	1	1
10	HBN0530 1305/3128	Superseded	Bolt	2	
	HBN0518 1305/3116	Superseded	Bolt		2
11	LWN305 1416/0005	Superseded	Washer	3	3
12	HBN0528 1305/3126	Superseded	Bolt	2	2
13	LWN305 1416/0005	Superseded	Washer	2	5
14	FNN505 FNZ505	Superseded	Nut	2	2
15	HBN0516 1305/3114	Superseded	Bolt	5	3
16	LWN305 1416/0005	Superseded	Washer	5	3
17	AMK538	....	Plate-Front	1	1
18	02/300111	....	*Plate	1	1
19	813/00196	....	*Gasket		



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
20	1305/0004	....	Screw	4	4
21	1416/0004	....	Washer	4	4
22	02/300112	....	*Jet	1	1
	823/00210	....	*Washer		1
23	1305/3116	....	Bolt	2	2
24	1416/0005	....	Washer	2	2
25	CMK482	....	Bracket	1	1
26	1305/3128	....	Bolt	5	5
27	1305/3116	....	Bolt	1	1
28	HNS0507	....	Bolt	2	2
29	1416/0005	....	Washer	6	6
	CMZ512	.. ..	Screw-Countersunk	2	2



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28T	28TD
1	N.S.P.	....	Cylinder Head Was AMK1827 & 37D2947	1	1
2	02/300501	....	*:Guide-Inlet Valve	3	3
3	CMK1477	....	:Guide-Exhaust Valve	3	3
4	AMK330	....	:Sleeve-Injector	3	
	AMK330	To E2893	:Sleeve-Injector		3
	988/00176				
5	816/80017	....	*:Core Plug	7	
	37D379	....	:Core Plug		2
6	823/00209	....	*:Seal	7	2
7	AMK1302	....	:Plug	3	3
8	AMK1567	....	Valve-Inlet	3	3
9	AMK48	....	Valve-Exhaust	3	3
10	02/300017	....	*Spring-Inner	6	6
11	02/300018	....	*Spring-Outer	6	6
12	02/300019	....	*Collet Holder-Inlet Valve	3	3
13	02/300020	....	*Collet Holder-Exhaust Valve	3	3
14	02/300021	....	*Collet	12	12
15	02/300022	....	*Clip	6	6
15A	02/300023	....	*Collet Spring Alternative to items 14 & 15	6	6
16	813/00224	....	*Oil Seal-Exhaust Valve	3	3
17	813/00225	....	*Oil Seal-Inlet Valve	3	3
18	02/300024	....	*Retainer	3	3
19	AMK1569	To E3730	*Thimble Inlet Valve	3	
	02/300025				3
20	AMK1571	To E3730	*Dowel	3	
	02/394008				3
21	AMK1570	To E3730	*Key	3	
	02/394003				3
22	AMK652	....	Stud	4	4
23	FHS614	....	Stud	4	6
	103/21209	....	Stud Power Steering Bracket	2	
24	AMK1954	....	Stud	2	2
25	37D1845	....	Gasket	1	1
	86K113	....	Gasket Use with 86K111		1



5177

ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
26	AMK2234	....	Stud-Short		6	
	AMK2234	To E367	Stud			6
	37D2465					
27	AMK2233	....	Stud		7	
	AMK2233	To E367	Stud			7
	37D2464					
	37D1860	E368 on	Washer			13
28	02/300026	....	*Nut		13	13
29	N.S.P.	....	Bracket-Front	Was CMK1304	1	1
30	02/300027	....	*Plate-Rear		1	1
31	813/00201	....	*Gasket		1	1
32	1340/0101	....	Nut		4	4
33	1416/0005	....	Washer		4	4
34	AED407	....	Valve Seat-Inlet	Service	3	3
35	AED408	....	Valve Seat-Exhaust	Purposes only	3	3
36	N.S.P.	.....	Cylinder Head Assy.	Was CMK1889	1	1
37	37D379	....	Core Plug		2	2

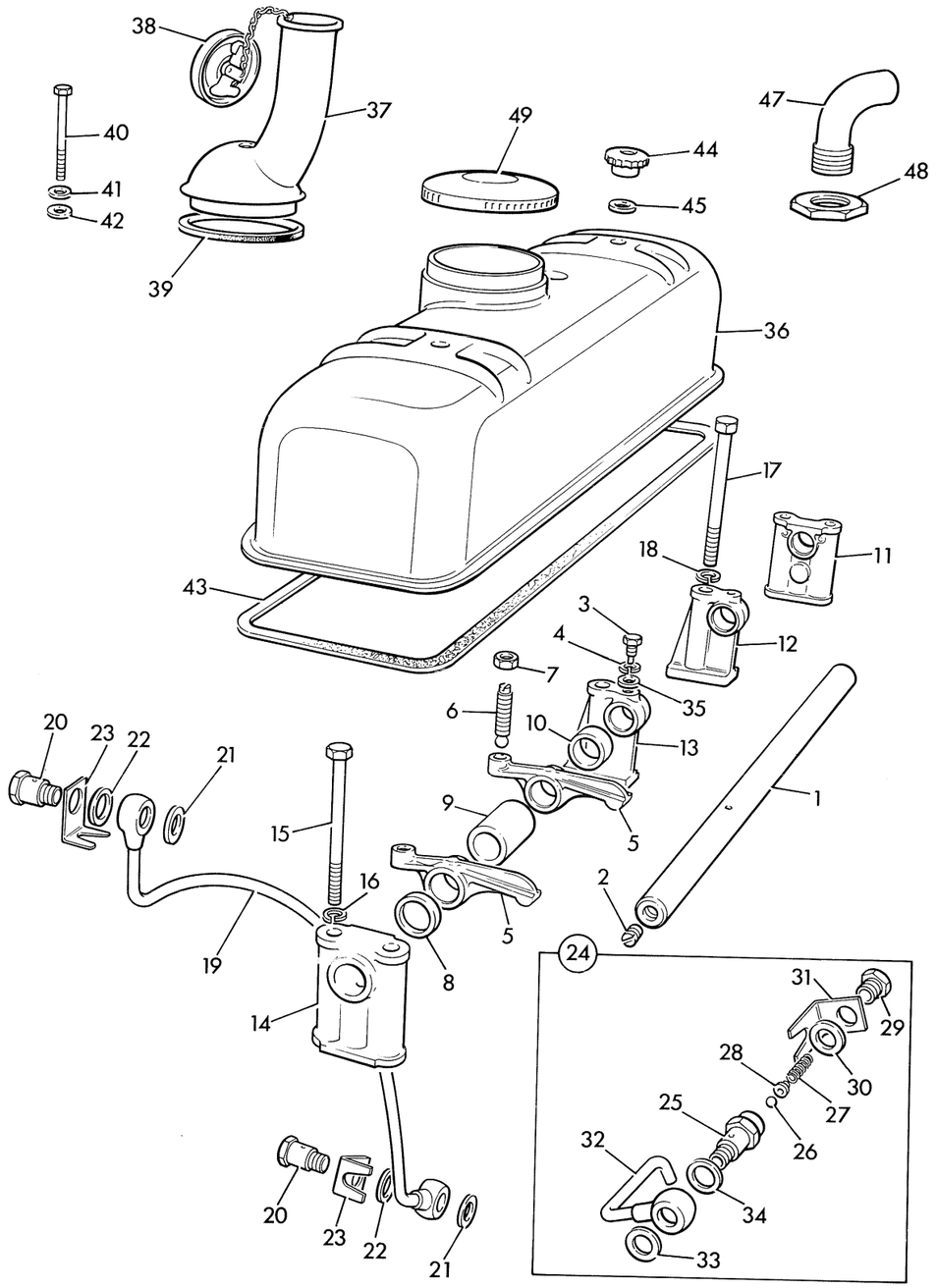
EC

Pages EC7 to EC13

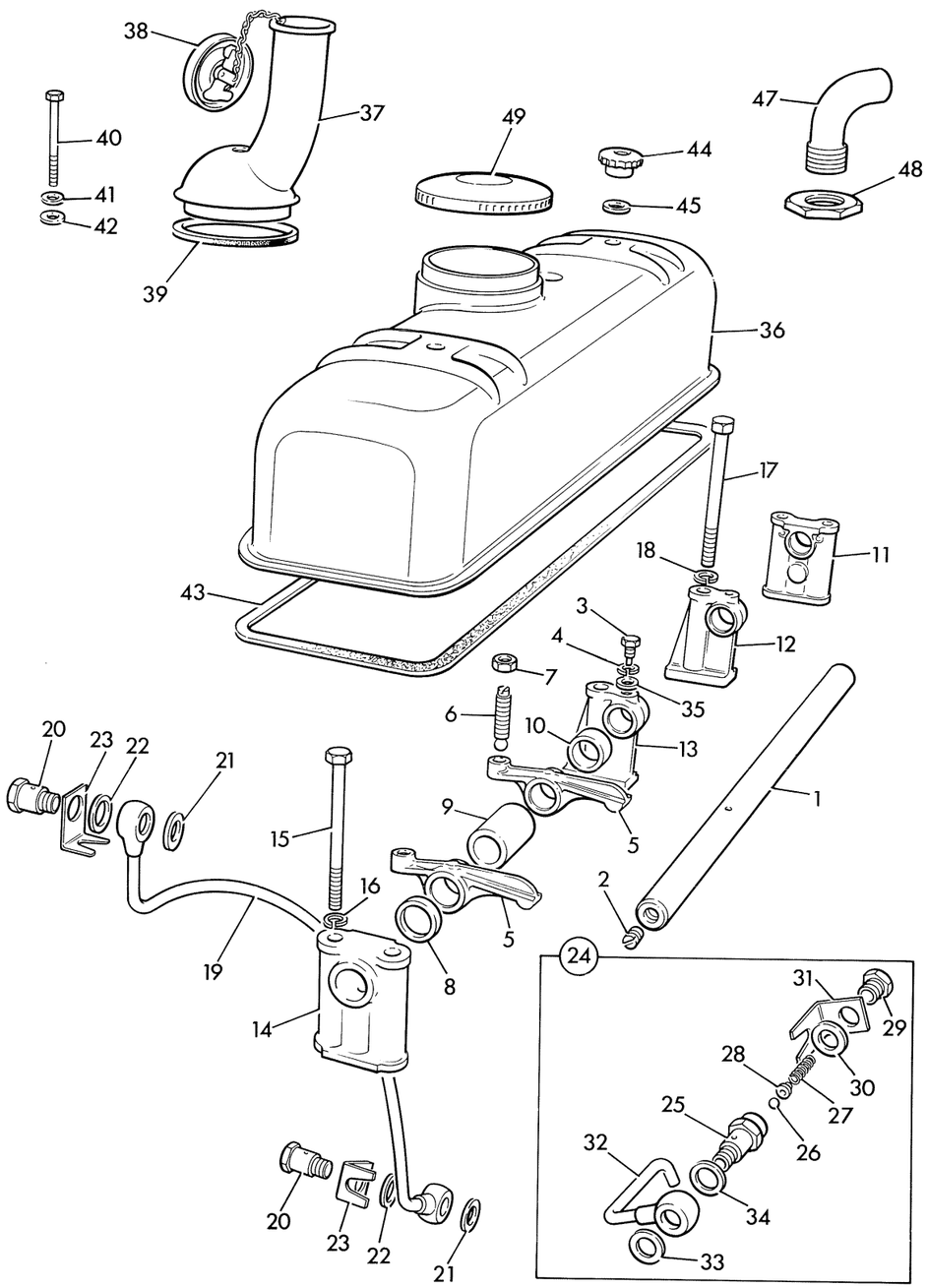
EC 7 ROCKERS & COVER

5178

110M **ISSUE** 4*

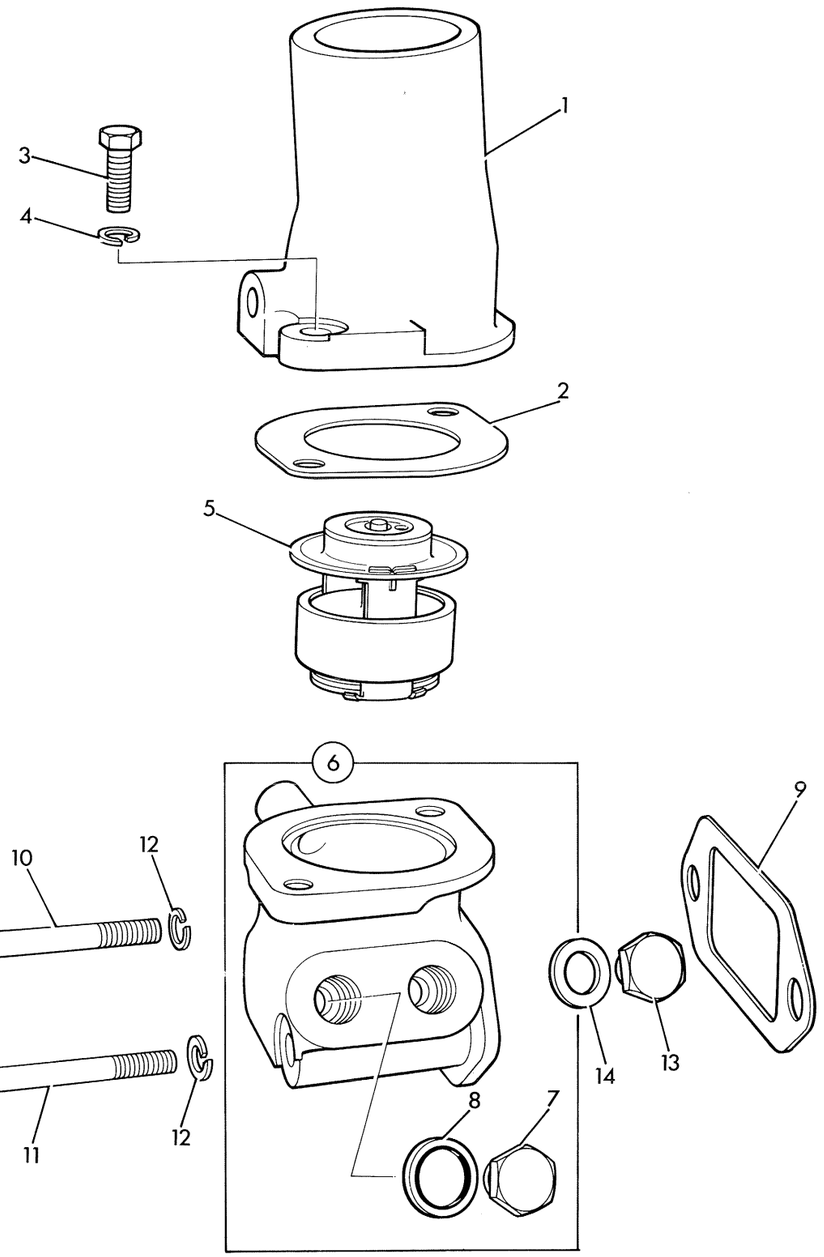


ITEM	PART No.	CHANGE No.		DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
1	37D3038	....	....	Rocker Shaft	....	1	1
2	816/81007	....	....	*Plug	....	2	2
3	826/00586	....	....	*Screw	....	1	1
4	1416/0004	....	....	*Washer	....	1	1
5	02/300030	....	....	*Valve Rocker	....	6	6
6	02/300096	....	....	*Screw	....	6	6
7	826/00587	....	....	*Locknut	....	6	6
8	02/300031	....	....	*Spacer	....	2	2
9	02/300032	....	....	*Spacer	....	3	3
10	AMK1901	....	....	Spacer	....	4	4
11	02/300036	....	....	*Bracket-Front	....	1	1
12	AMK1619	....	....	Bracket-Front Intermediate	....	1	1
13	CMK1111	....	....	Bracket-Rear Intermediate	....	1	1
14	CMK1112	....	....	Bracket-Rear	....	1	1
15	1305/3124	....	....	Bolt	....	4	4
16	1416/0005	....	....	Washer	....	4	4
17	1305/3224	....	....	Bolt	....	2	2
18	1416/0006	....	....	Washer	....	2	2
19	AMK820	....	....	Pipe	Oil Feed to Rockers	1	1
20	816/75009	....	....	*Banjo Bolt	....	2	2
21	823/00210	....	....	*Washer	Small....	2	2
22	AMK756	....	....	Washer	Large....	2	2
23	N.S.P.	....	....	Tab Washer	Was AMK242....	2	2
24	AMK483	....	....	Relief Valve	....	1	1
25	AMK484	....	....	:Body	....	1	1
26	AMK722	....	....	:Ball	....	1	1
27	AMK485	....	....	:Spring	....	1	1
28	AMK486	....	....	:Seat	....	1	1
29	AMK487	....	....	:Plug	....	1	1
30	AMK488	....	....	:Plain Washer	....	1	1
31	AMK489	....	....	:Tab Washer	....	1	1

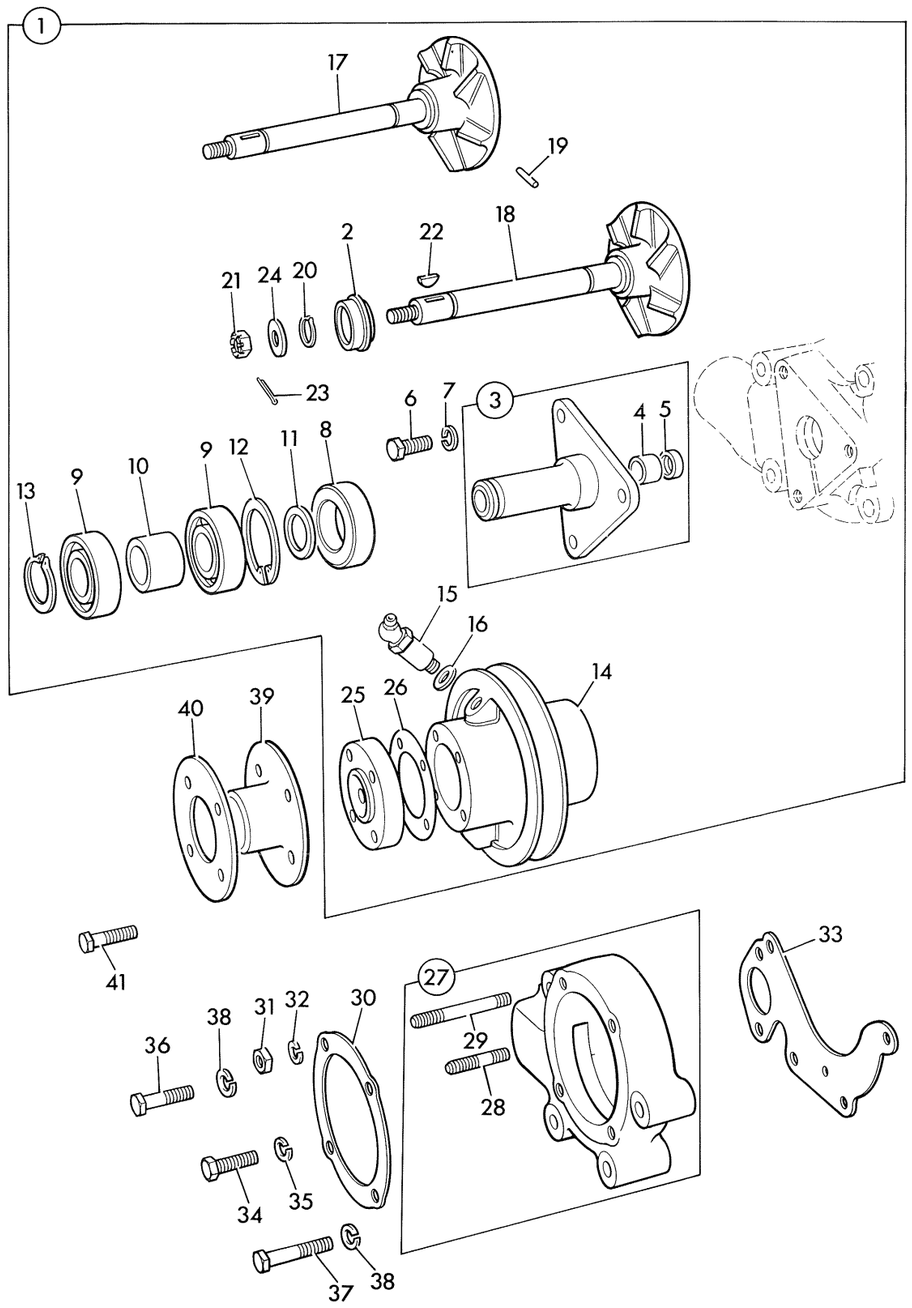


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
32	CMK1118	....	:Overflow Pipe	....	1	1
33	823/00210	....	*:Washer	Small....	1	1
34	823/00214	....	*:Washer	Large....	1	1
35	1411/0001	....	Washer	....		1
36	AMK1911	....	Rocker Cover	....	1	
	37D2376	....	Rocker Cover	....		1
37	37D861	....	Body	Use 37D861 with	1	
38	12A402	....	Filler Cap (With Chain)	Use 12A402 with 37D861	1	
	27H4729	....	:Washer (Marseline)	....	1	
46	12A403	....	:Washer Cap	Not illustrated	1	
39	AAK565	....	Sealing Washer	....	1	
40	1305/3011	....	Bolt	....	1	
41	1411/0001	....	Washer	....	1	
42	AMK898	....	Washer	....	1	
43	CMK1316	....	Gasket	....	1	
44	AEB174	....	Handnut	....	2	
45	AMK721	....	Washer	....	2	
47	02/300044	....	*Vent Pipe	....		1
48	1356/0005	....	*Nut	Vent Pipe		1
49	823/00216	....	*Filler Cap	Alternatives		1
50	37D1862	....	Filler Cap			1

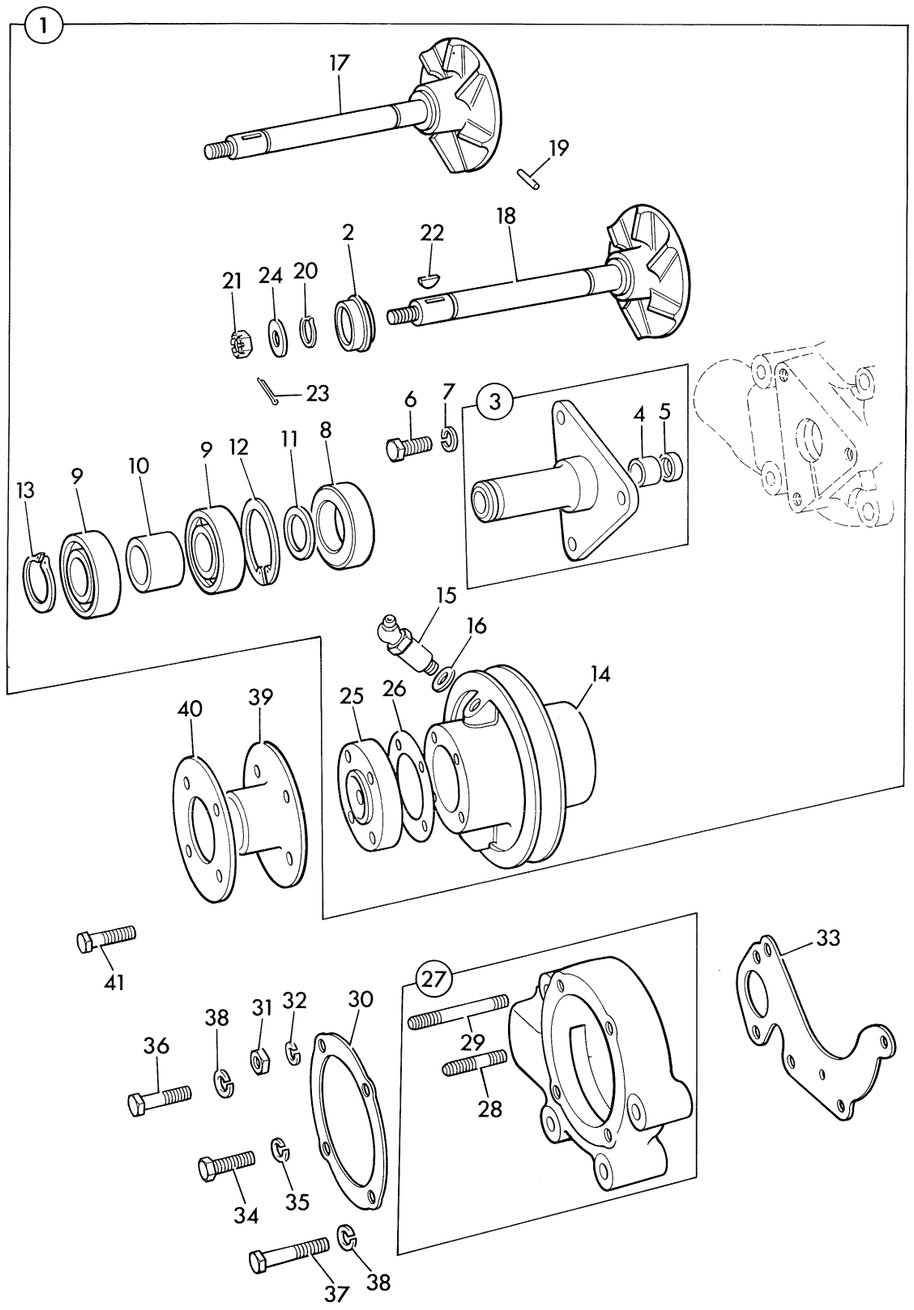
EC 8 THERMOSTAT & HOUSING



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
1	AMK178	....	Pipe	....	1	1
2	813/00212	....	*Gasket	....	1	1
3	HNS0508 1305/0106	Superseded	Screw	....	1	1
4	LWN305 1416/0005	Superseded	Spring Washer	....	1	1
	AEB159 13H2317 13H4070 13H6285 GTS104	Superseded Superseded Superseded Superseded	Thermostat 77°C (171°F) Thermostat 82°C (180°F)	....	1	1
5	13H2526 13H3584 13H3727 13H6284 GTS102	Superseded Superseded Superseded Superseded	Thermostat 74°C (165°F)	For Hot Climates	1	1
	13H2316 13H3586 13H4694 13H6286 GTS106	Superseded Superseded Superseded Superseded	Thermostat 88°C (190°F)	For Cold Climates	1	1
6	AMK2986	....	Thermostat Body	....	1	1
7	AEK122	....	:Blanking Plug	....	1	1
8	823/00211	....	*:Washer	....	1	1
9	AEB160	....	Gasket	Bolt to	1	1
10	HBN0520 1305/3118	Superseded	Bolt	Cylinder Head	1	1
11	HBN0526 1305/3124	Superseded	Bolt		1	1
12	LWN305 1416/0005	Superseded	Spring Washer	....	2	2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	AMK2806	....	Pump	....	1
2	AEB156	....	:Seal	....	2
3	AMK427	....	:Fan and Pulley Support	....	1
4	AMK765	....	::Bush	....	1
5	AMK766	....	::Sealing Ring	....	1
6	HNS0607 1305/0205	Superseded	:Bolt	....	3
7	LWN306	....	:Spring Washer	....	3
8	AMK772	....	:Oil Seal	....	1
9	916/03400	....	*:Bearing	....	2
10	AMK768	....	:Distance Piece	....	1
11	AEB164	....	:Collar	....	1
12	AMK771	....	:Circlip-Internal	....	1
13	AMK769	....	:Circlip-External	....	1
14	AMK2571	....	:Fan Pulley	....	1
15	BMK446	....	:Greaser	....	1
16	AMK4189	....	:Fibre Washer	....	1
17	88G238	....	:Impeller and Spindle	....	1
18					
19	TPS608	....	*:Taper Pin	....	1
20	AEB151	....	:Circlip	....	1
21	AEB166	....	:Slotted Nut	....	1
22	WKN404	....	*:Key	....	1
23	CPS208	....	:Split Pin	....	1
24	PWN106 1411/0003	Superseded	*:Plain Washer	....	1
25	AMK2286	....	:End Cover	....	1
26	AMK1700	....	:Shim .008in.(.203mm)	....	As Reqd
	AMK1701	....	:Shim .015in.(.381mm)	....	As Reqd
	AMK1702	....	:Shim .028in.(.711mm)	....	As Reqd
27	AMK426	....	Body-Rear Half	....	1
28	826/00572	....	*:Stud-Short	....	2
29	FHS520	....	*:Stud-Long	....	2
30	AEB169	....	Gasket	....	1
31	FNN505	....	Nut	....	4
32	LWN305 1416/0005	Superseded	*Washer	....	4

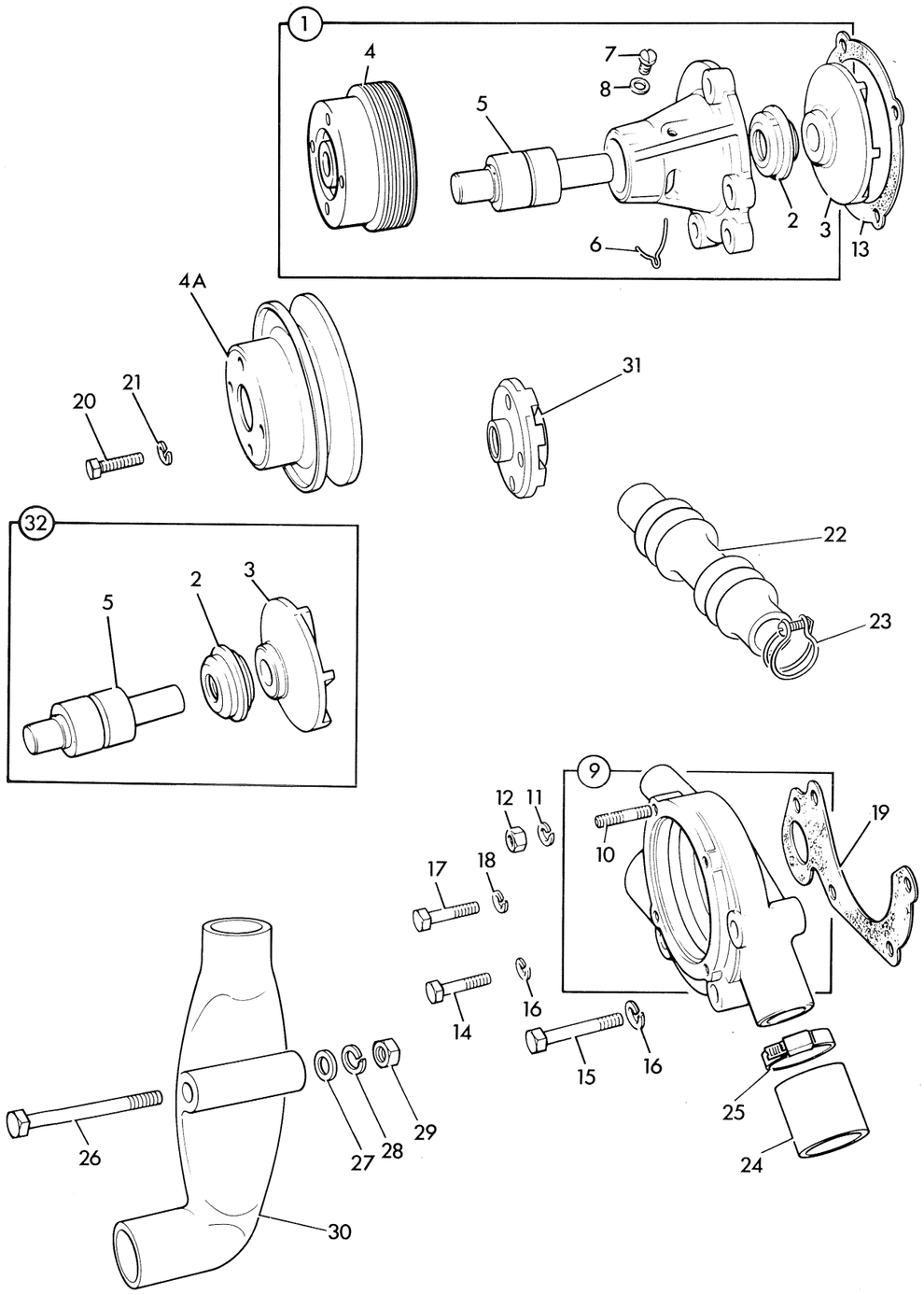


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
33	813/00211	....	*Gasket	....	1
34	HNS0509 1305/0107	Superseded	Bolt	....	2
35	LWN305 1416/0005	Superseded	Washer	....	2
36	HBN0610 1305/0208	Superseded	Bolt	....	1
37	HBN0616 1305/3214	Superseded	Bolt	....	3
38	LWN306 1416/0006	Superseded	Washer	....	4
39	AMK544	....	Cap	....	4
40	AMK773	....	Nave Plate	....	1
41	G64/87/11 1305/3012	Superseded	Bolt	....	4

EC 9–1 WATER PUMP

5026

110M **ISSUE** 7*



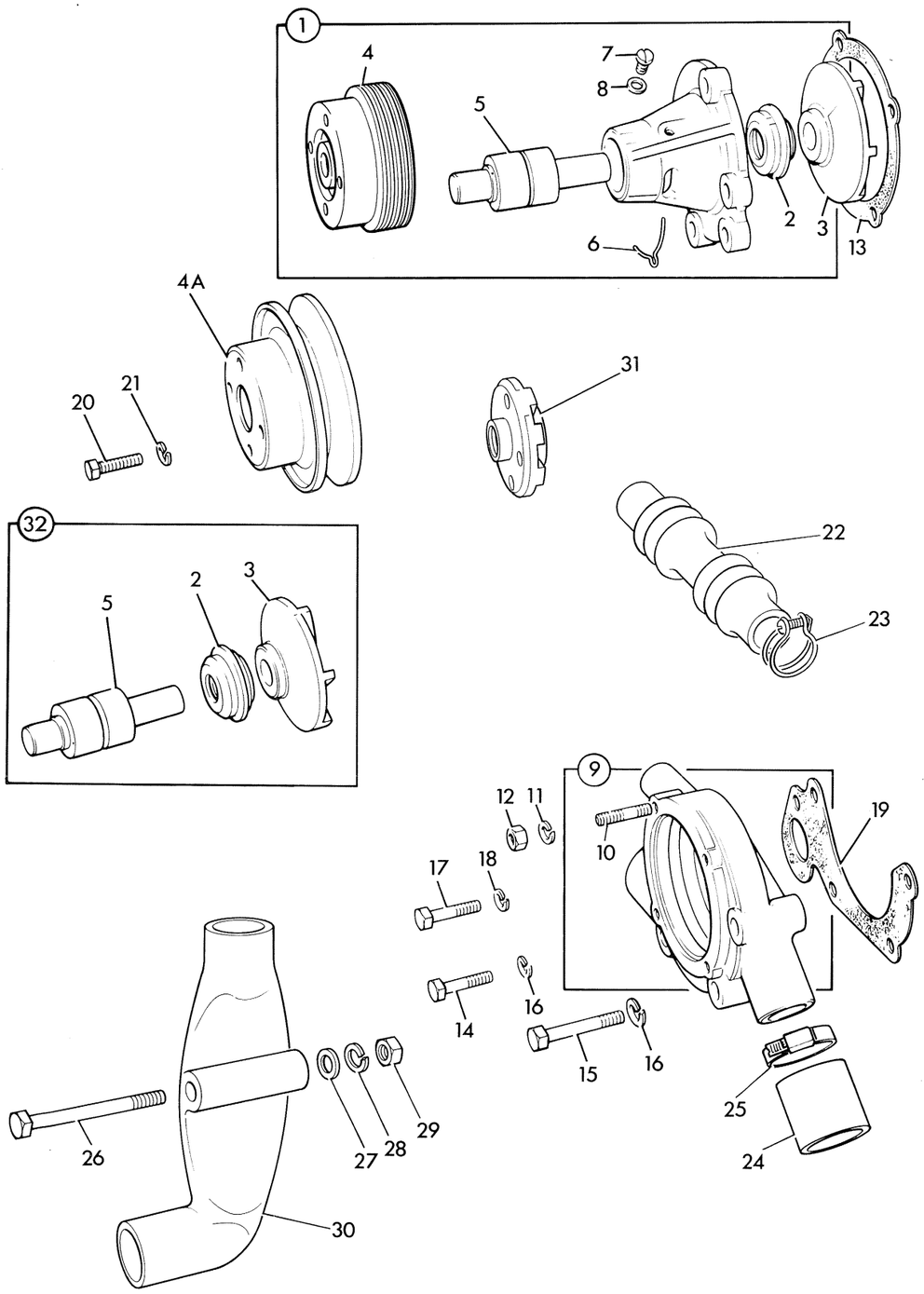
5026

ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
1	37D2099 03/101600	To E1529	Pump	....		1
2	03/101604	....	*:Seal	....		1
3	03/101605	....	*:Impeller	....		1
4	37D2097	To E1529	:Pulley	....		1
4A	02/300052	E1530 on	*:Pulley	....		1
5	N.S.P.	....	*:Bearing	Was 12A1802		1
6	2A778	....	*:Wire	Use with 12A1389		1
7	PMN0406	....	:Screw	....		1
8	03/101602	....	*:Washer	....		1
9	37D458	....	Body	....		1
10	FHS0512	....	:Stud	....		4
11	1416/0005	....	Washer	....		4
12	1340/0101	....	Nut	....		4
13	813/00210	....	*Gasket	....		1
14	1305/3209	....	Bolt	....		1
15	1305/3218	....	Bolt	....		3
16	1416/0006	....	Washer	....		4
17	1305/3109	....	Bolt	....		2
18	1416/0005	....	Washer	....		2
19	813/00211	....	*Gasket	....		1
20	1305/0105 1305/0106	To E1529	*Bolt	....		4
21	1416/0005	....	Washer	....		4
22	CMK143	....	Hose-By Pass	....		1
23	2201/0007	....	Clip	....		2
24	37D871	....	Hose	....		1

EC 9–1 WATER PUMP

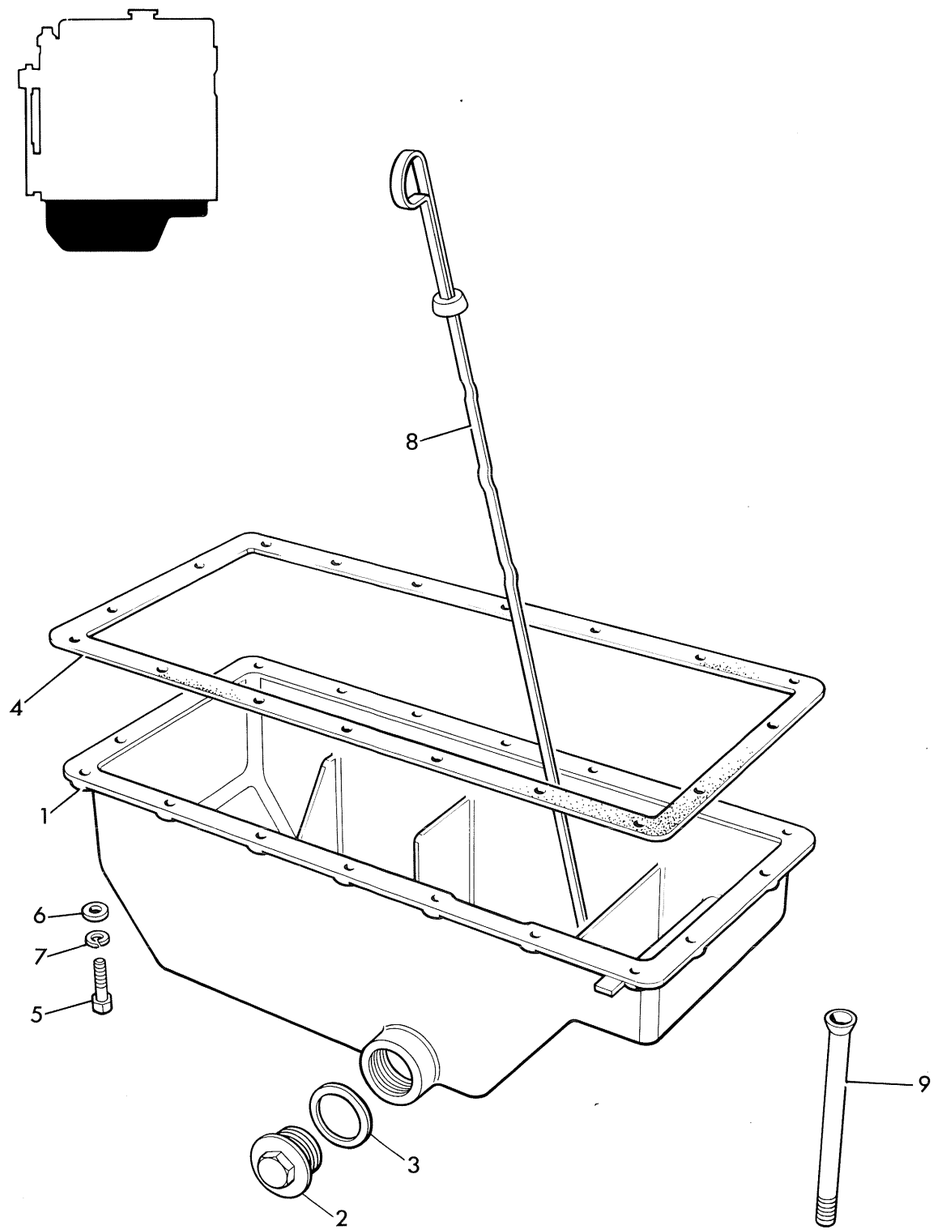
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110M **ISSUE** 4*

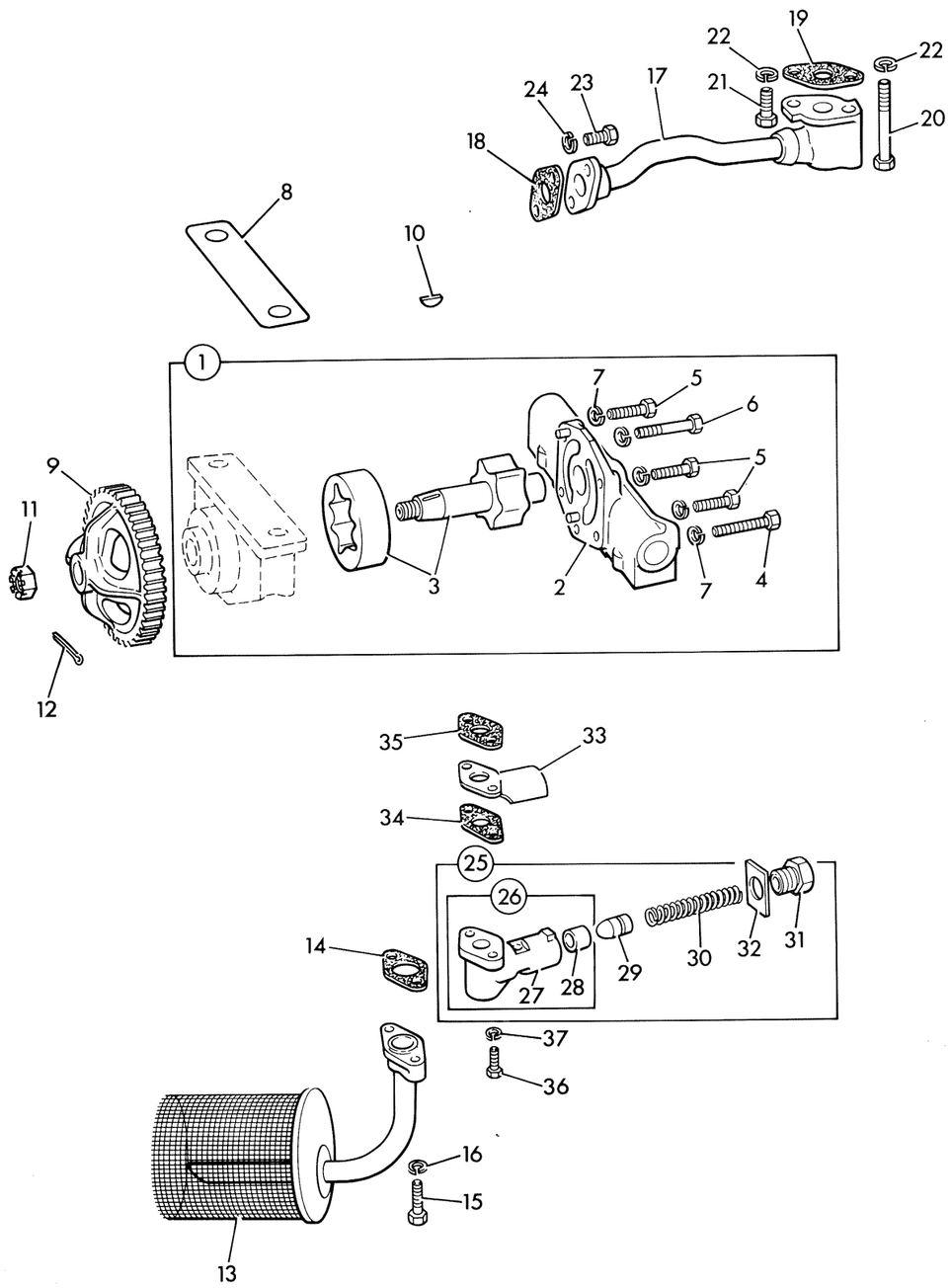


ITEM	PART No.	CHANGE No.	DESCRIPTION				QTY. OFF BUILD 28 T	28 TD
25	HCS1217 GHC1217 2201/0010	Superseded Superseded	*Clip	....	....	....		2
26	HBN0532 1305/3130	Superseded	*Bolt	....	....	....		1
27	PWN305 1411/0002	Superseded	*Washer	....	....	....		1
28	LWN305 1416/0005	Superseded	*Washer	....	....	....		1
29	FNN505 FNZ505 1340/0101	Superseded Superseded	Nut	....	....	....		1
30	37D2714 86K1264	Superseded	Connector	....	....	....		1
31	CMK2147	E1530 on	Hub	....	....	....		1
32	03/101603	. ...	Repair Kit	....	....	....		1

5026

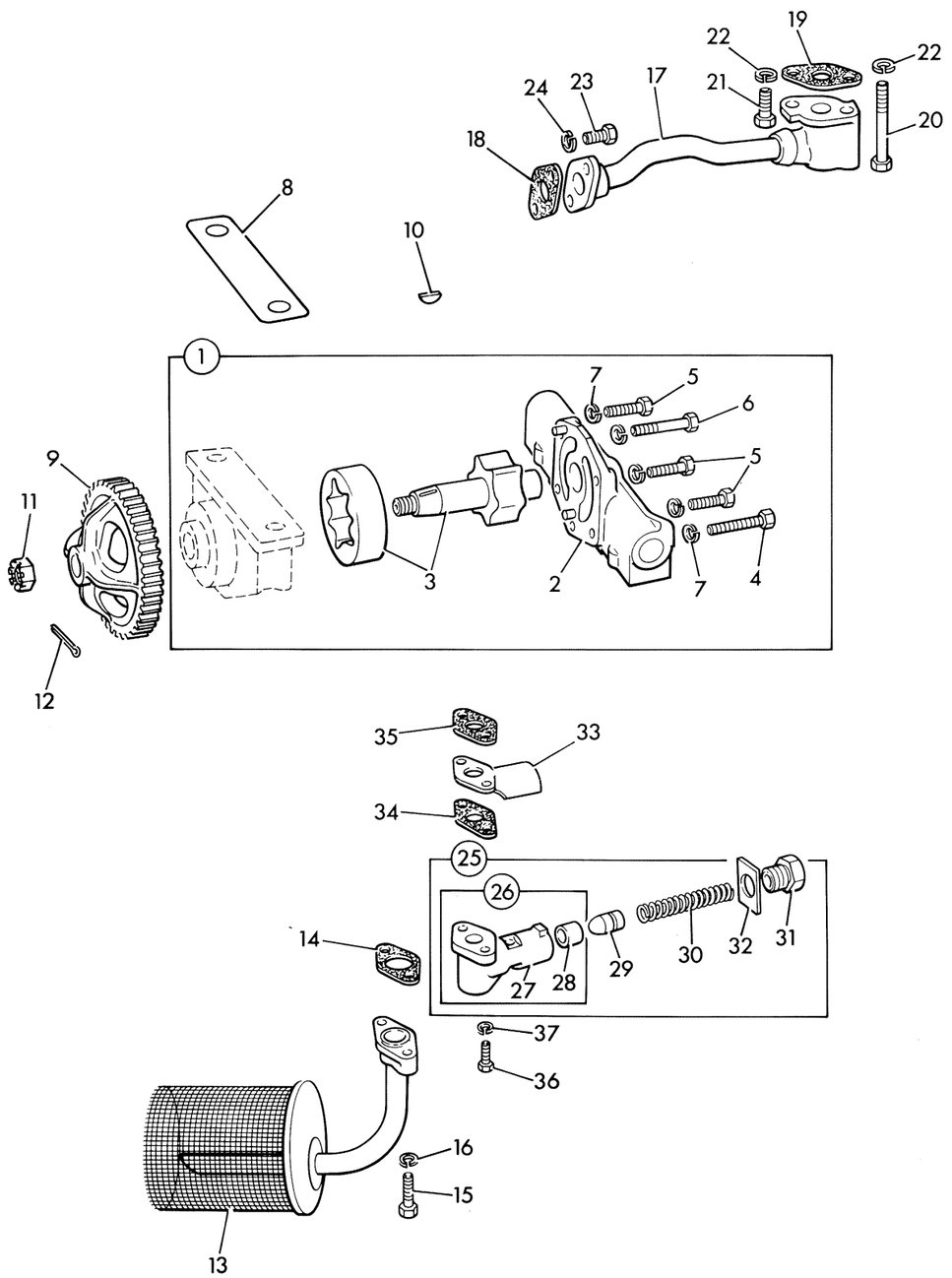


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
1	AMK1917	Superseded	Oil Sump	....	1	1
	37D359	Superseded				
	37D2342					
2	AMK745	....	Drain Plug	....	1	1
3	AMK746	....	Washer	....	1	1
4	AMK1918	Superseded	Gasket	....	1	1
	37D338	Superseded				
	988/00123					
5	HBN0510	Superseded	Bolt	....	16	
	1305/0108					
	HNS0509	Superseded	Bolt	....		16
	1305/0107					
6	PWN105	Superseded	Washer	....	16	16
	1411/0002					
7	LWN305	Superseded	Washer	....	16	16
	1416/0005					
8	CMK569	Superseded	Dipstick	....	1	1
	37D371					
9	11B455	....	Guide Tube	....	1	1



5028

ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
1	AMK23 27H4767 13H1992	Superseded To E1493	Pump	....	1	
	37D340 13H1992	Superseded	*Pump	Alternatives	1	
2	N.S.P.	....	*:Cover	Was AMK468	1	
3	N.S.P.	....	:Rotor & Shaft	Was AMK469	1	
4	HNS0412 1305/0010	Superseded	:Bolt-Long	....	1	
5	HNS0408 1305/0006	Superseded	:Bolt-Short	....	2	
	HBN0408 HBZ408 1305/3006	Superseded Superseded	:Bolt	....	1	
6	HBN0413 1305/3011	Superseded	:Bolt	....	1	
7	LWN204 WL600041 1416/0004	Superseded Superseded	:Washer	....	5	
8	AMK965 02/300062	To E1493	*Shim	.002in.(.051mm)	A/R	
	AMK966 02/300063	To E1493	*Shim	.003in.(.076mm)	A/R	
9	02/390007	....	*Gear	....	1	
10	WKN405	....	Key	....	1	
11	FNN808 1340/0405	Superseded	Nut	....	1	
12	CPS0310	....	Split Pin	....	1	
13	CMK1819 37D142	Superseded	Strainer	....	1	
14	813/00215	....	*Gasket	....	1	
15	HBN0509 1305/3107	Superseded	*Bolt	....	2	
16	LWN305 1416/0005	Superseded	Washer	....	2	
17	AMK829	....	Delivery Pipe	....	1	
18	AMK841	....	Gasket	....	1	
19	813/00215	....	*Gasket	....	1	
20	HBN0518 1305/3116	Superseded	Bolt-Long	....	1	



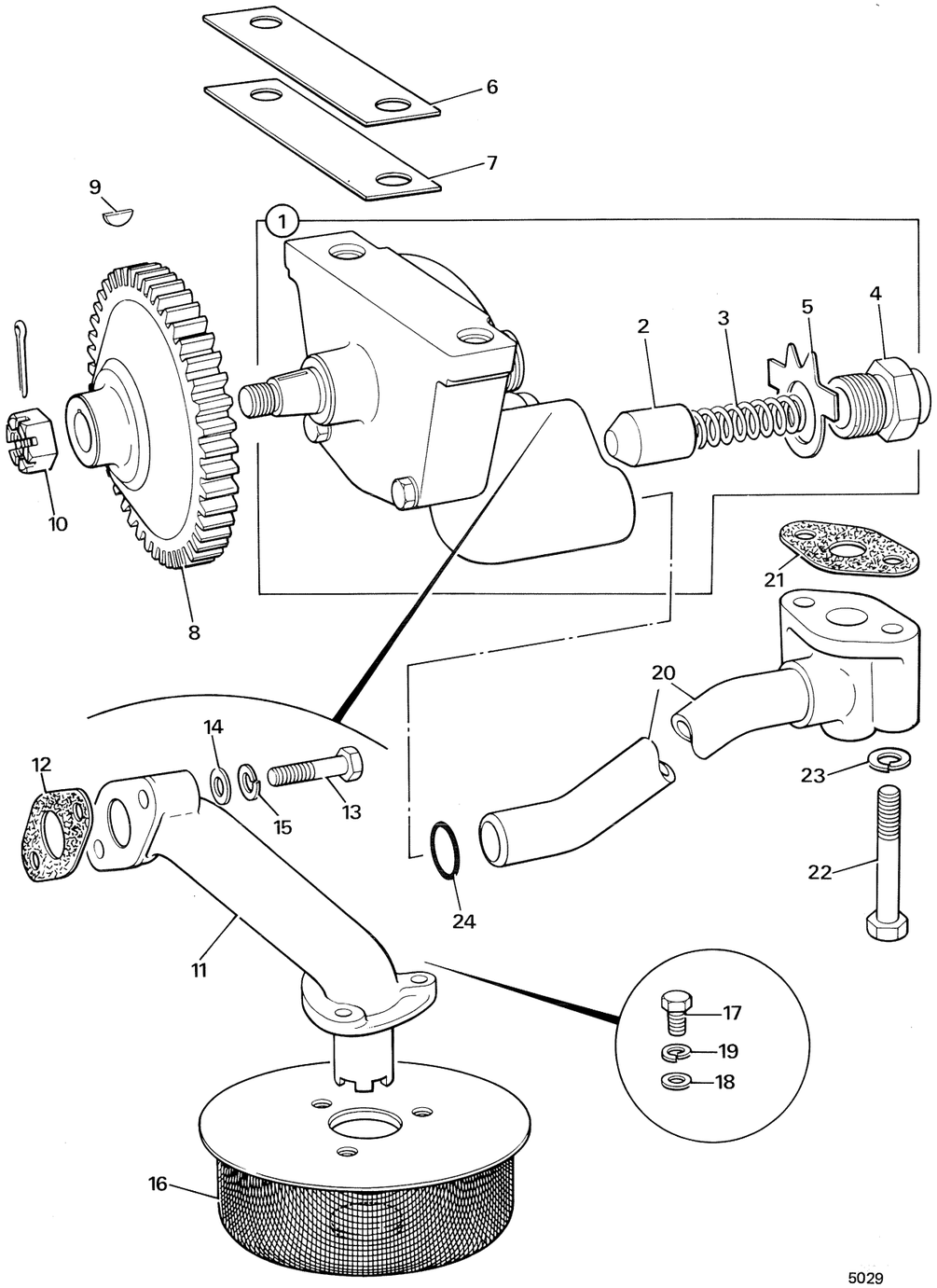
5028

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
21	HNS0506 HZS506 1305/0104	Superseded	Bolt-Short	1	
22	LWN305 1416/0005	Superseded	Washer	2	
23	HNS0505 1305/0103	Superseded	Bolt	2	
24	37D118	....	Tab Washer	2	
25	AMK2612 37D214 37D1556	Superseded Superseded	Relief Valve	1	
26	AMK2550	To E2958	:Body	1	
27	AMK737 37D215 37D1557	To E2958 To E5122	::Body .... ::Body and Seat	1	
28	AMK2551	To E2958	::Seat	1	
29	N.S.P.	....	:Valve Was AMK2613,37D216 & 37D1558	1	
30	N.S.P.	....	:Spring Was AMK1656,37D217 & 37D1559	1	
31	N.S.P.	....	:Plug Was AMK2553,37D218	2	
32	N.S.P.	....	:Washer Was AMK743 & 37D219	2	
33	ATJ58	To E2958	Deflector	1	
34	AMK744	To E2958	Gasket	1	
35	AMK744	....	Gasket	1	
36	HNS0506 1305/0104 HNS0512 1305/0110	Superseded To E2958 Superseded	Bolt	2	
37	LWN305 1416/0005	Superseded	Washer	2	

EC 11–1 OIL PUMP

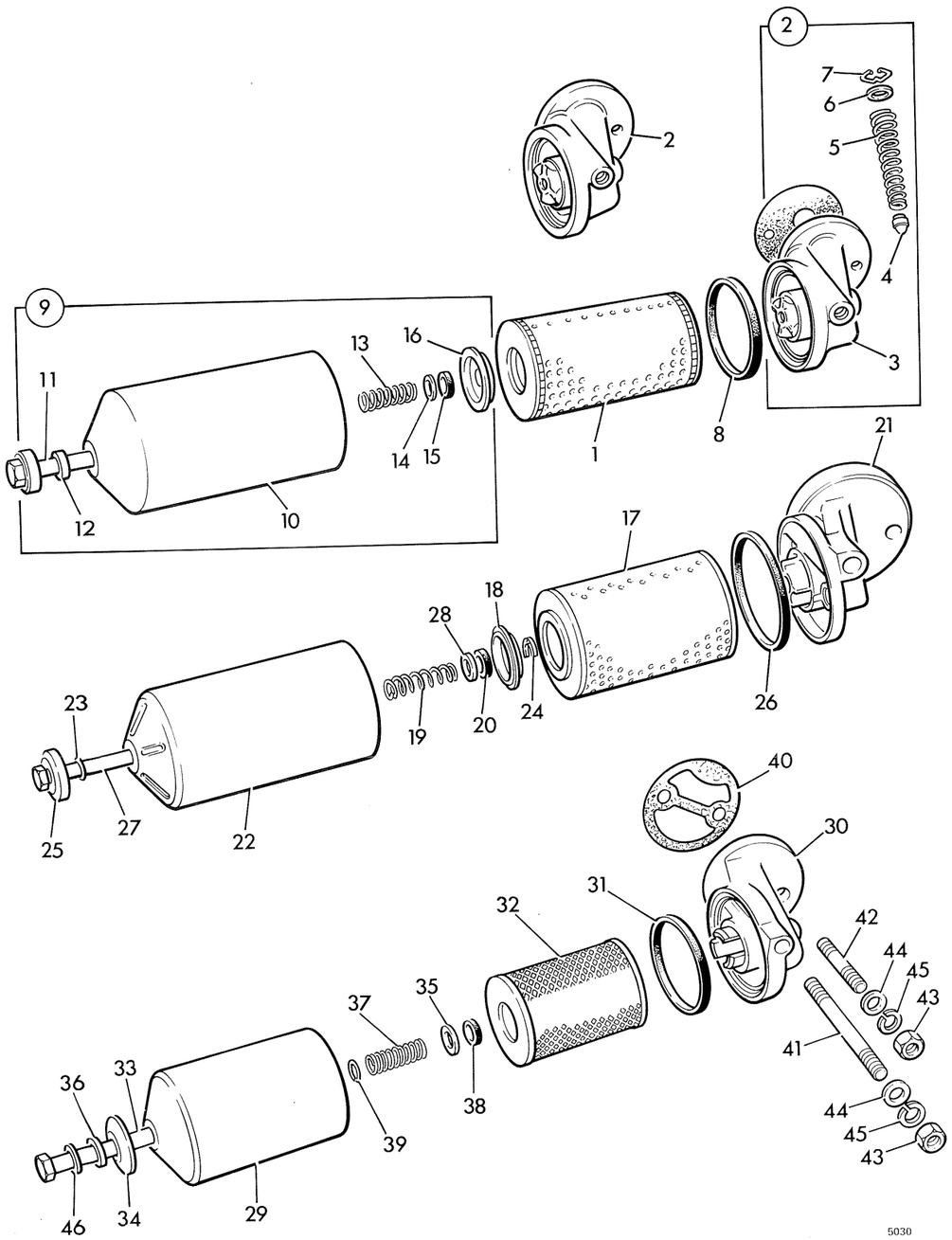
5029

110M **ISSUE** 5*

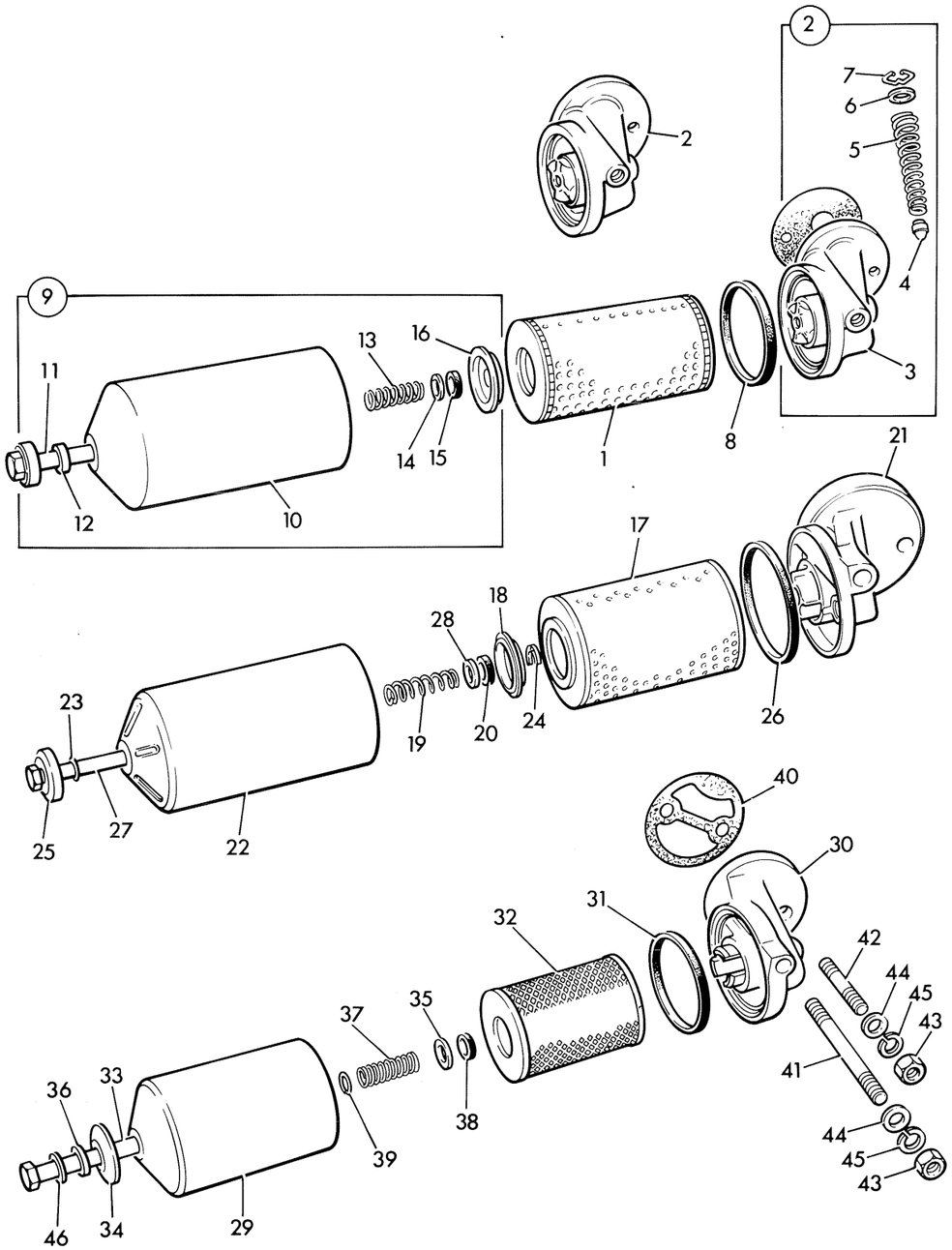


5029

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
1	02/300600	....	*Oil Pump		1
2	02/300601	....	*:Valve		1
3	02/300602	....	*:Spring		1
4	02/300603	....	*:Plug		1
5	02/300604	....	*:Washer		1
6	02/300062	....	*Shim .002in (.05mm)		A/R
7	02/300063	....	*Shim .003in.(.076mm)		A/R
8	02/390007	....	*Gear		1
9	WKN405	....	Key		1
10	1340/0405	....	Nut		1
	N.S.P.	....	Split Pin		1
11	37D1269	....	Suction Pipe		1
12	813/00215	....	*Gasket		1
13	1305/3109	....	Bolt		2
14	1411/0002	....	Washer		2
15	1416/0005	....	Washer		2
16	02/300065	....	*Strainer		1
17	HNS0404	....	Bolt		3
18	1411/0001	....	Washer		3
19	1416/0004	....	Washer		3
20	37D1641	....	Deliver Pipe		1
21	AMK841	....	Gasket		1
22	1305/3118	....	Bolt		2
23	1416/0005	....	Washer		2
24	2401/0201	....	'O' Ring		1



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
	MF 2655	....	Filter (Purolator)	1	
1	8G 2000 988/00038	Superseded	:Element	1	
2	N.S.P.	....	:Head Assembly .... Was 17H 157	1	
3	N.S.P.	....	::Head	1	
4	7H 19	....	::Valve	1	
5	7H 27	....	::Spring	1	
6	7H 22	....	::Washer	1	
7	7H 1768	....	::Circlip	1	
8	8G 709	....	::Seal	1	
9	17H 155	....	:Container Assy.	1	
10	7H 1441	....	::Container	1	
11	17H 154	....	::Bolt	1	
12	7H 30	....	::Seal	1	
13	7H 25 500319	Superseded	::Spring	1	
14	PWN 106 1411/0003	Superseded	::Washer	1	
15	7H 28	....	::Gasket	1	
16	7H 21 500439	Superseded	::Guide	1	
	N.S.P.	....	Filter (Purolator)	1	
17	8G 2300 F8/24	Superseded	:Element	1	
18	7H 21 500439	Superseded	:Guide	1	
19	7H 25 500319	Superseded	:Spring	1	
20	7H 28	....	:Seal	1	
21	27H 4147 27H 6741	Superseded	:Head & Valve	1	
22	17H 2451	....	:Container	1	
23	17H 1173 508380	Superseded	:Seal	1	
24	27H 2573	....	:Ring	1	
25	02/300702	....	*:Collar	1	
26	02/300709	....	*:Seal	1	
27	17H 2449	....	:Bolt	1	

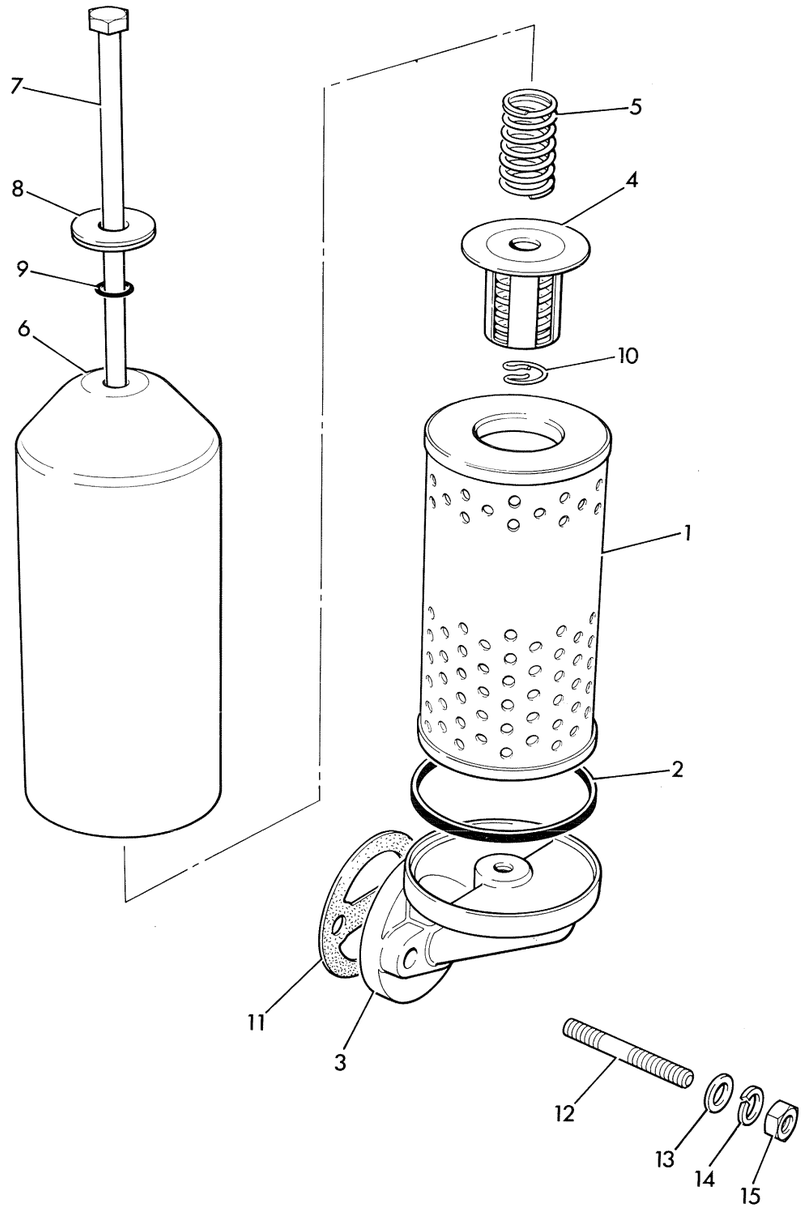


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
28	PWN106 1411/0003	Superseded	:Washer	1	
	N.S.P.	....	Filter (Yokes)	1	
29	17H 1808	....	:Container	1	
30	37H 709	....	:Head	1	
31	7H 1921	....	:Seal	1	
32	17H 1784	....	:Element	1	
33	27H 1940	....	Bolt	1	
34	17H 1807	....	:Cupped Washer	1	
35	37H 707	....	:Washer	1	
36	17H 1803	....	:Seal	1	
37	N.S.P.	....	:Spring Was 17H 1804....	1	
38	N.S.P.	....	:Seal Was 17H 1806....	1	
39	37H 712	....	:Circlip	1	
40	CMK 133 988/00106	Superseded	Gasket	1	
41	FHS 740	....	Stud-Long	1	
42	FHS 715	....	Stud-Short	1	
43	FNN 507 FNZ 507	Superseded	Nut	2	
44	PWN 107 PWZ 107 1411/0004	Superseded Superseded	Washer	2	
45	LWN 307	....	Washer	2	
46	7H 1765	....	Washer	1	

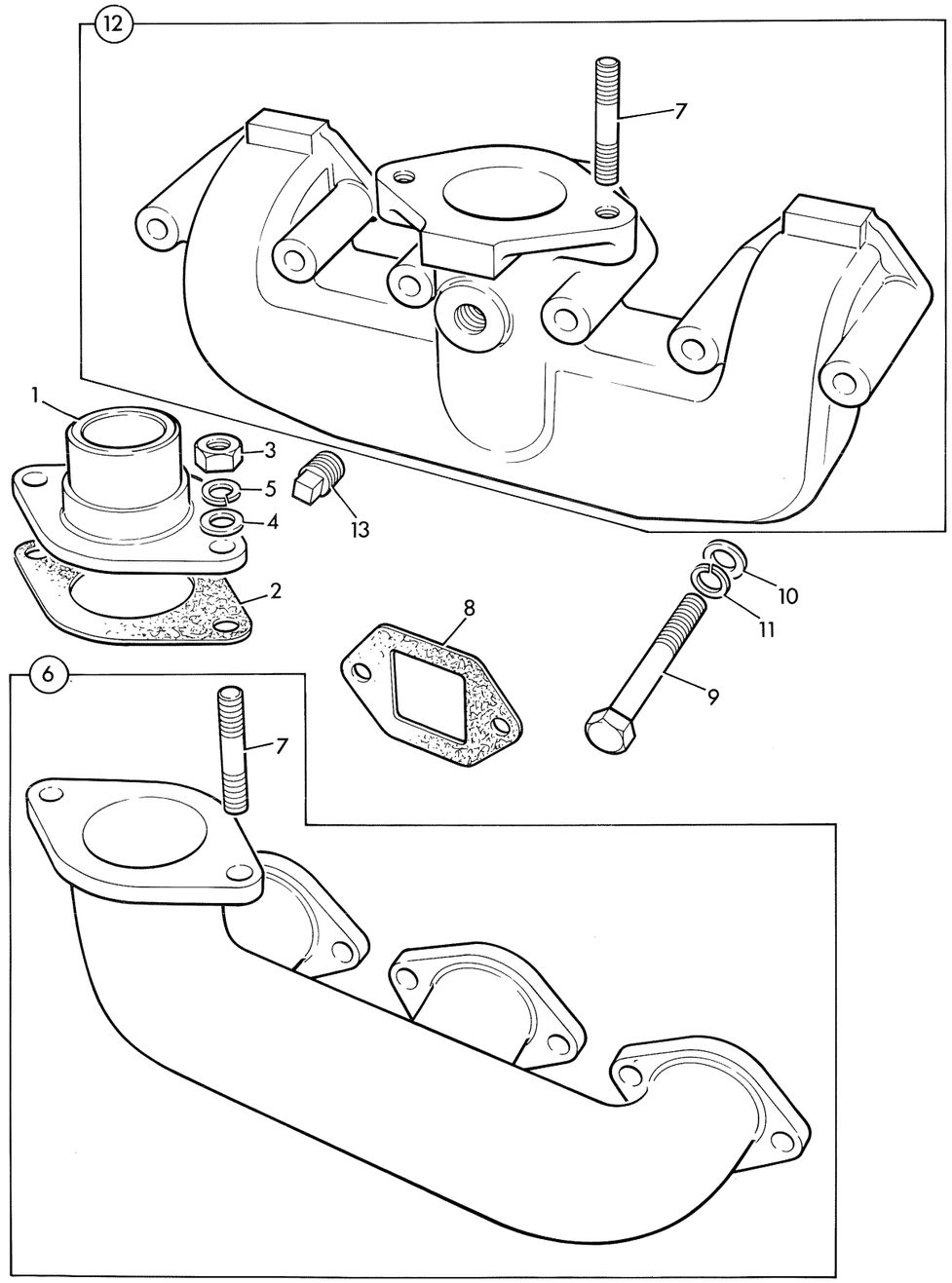
EC 12–1 OIL FILTER

5031

110M **ISSUE** 6*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
	N.S.P.	....	Oil Filter	....		1
1	988/00038	....	Element	....		1
2	02/300709	....	*Seal	....		1
3	02/300710	....	*Head	....		1
4	02/300706	....	*Relief Valve	....		1
5	02/300705	....	*Spring	....		1
6	988/00135	....	Bowl	....		1
7	02/300701	....	*Centre Bolt	....		1
8	17H1172	....	Collar	....		1
9	02/300703	....	*Seal	....		1
10	27H2573	....	Circlip	....		1
11	813/00217	....	*Gasket	....		1
12	FHS720	....	Stud	....		2
13	1411/0004	....	Washer	....		2
14	1416/0007	....	Washer	....		2
15	FNZ507	....	Nut	....		2

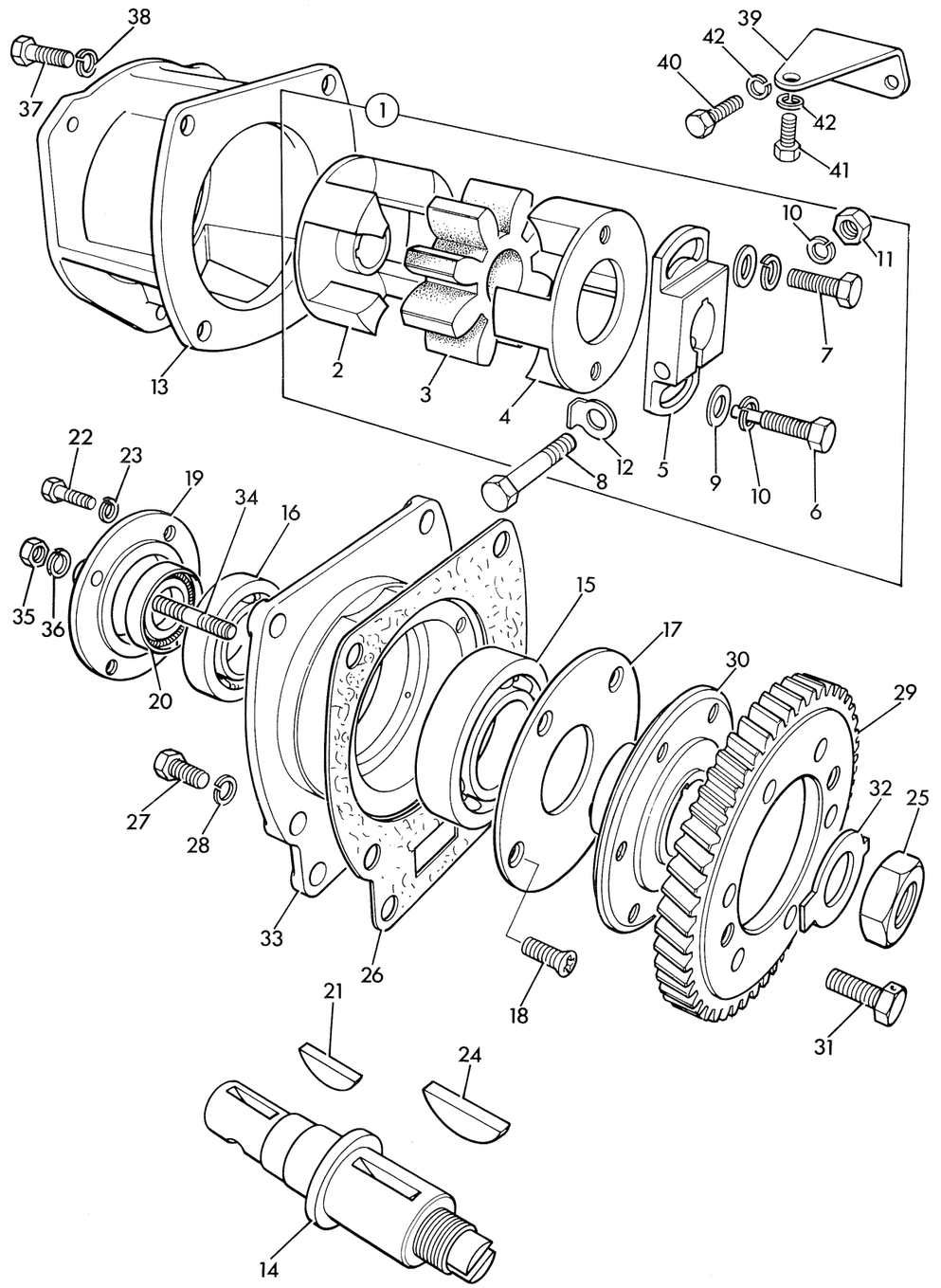


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
1	02/300046	....	*Adapter	....	1	1
2	813/00206	....	*Gasket	....	1	1
3	FNN 606 1340/0202	Superseded	Nut	....	2	2
4	PWN 106 1411/0003	Superseded	Washer	....	2	2
5	LWN 306 1416/0006	Superseded	Washer	....	2	2
6	37D 2360	....	Air Manifold	....	1	
7	FHS 612	....	Stud	....	2	2
8	AMK 843	....	Gasket	....	3	3
9	HBN 0624 1305/3222	Superseded	Bolt	....	6	6
10	PWN 106 1411/0003	Superseded	Washer	....	6	6
11	LWN 306 1416/0006	Superseded	Spring Washer	....	6	6
12	AMK 1834	....	Air Manifold	....		1
13	2K 8209	....	Plug-Air Manifold Start Pilot	....		1

EC

Pages EC 14 to EC 20

EC 14 INJECTION PUMP DRIVE

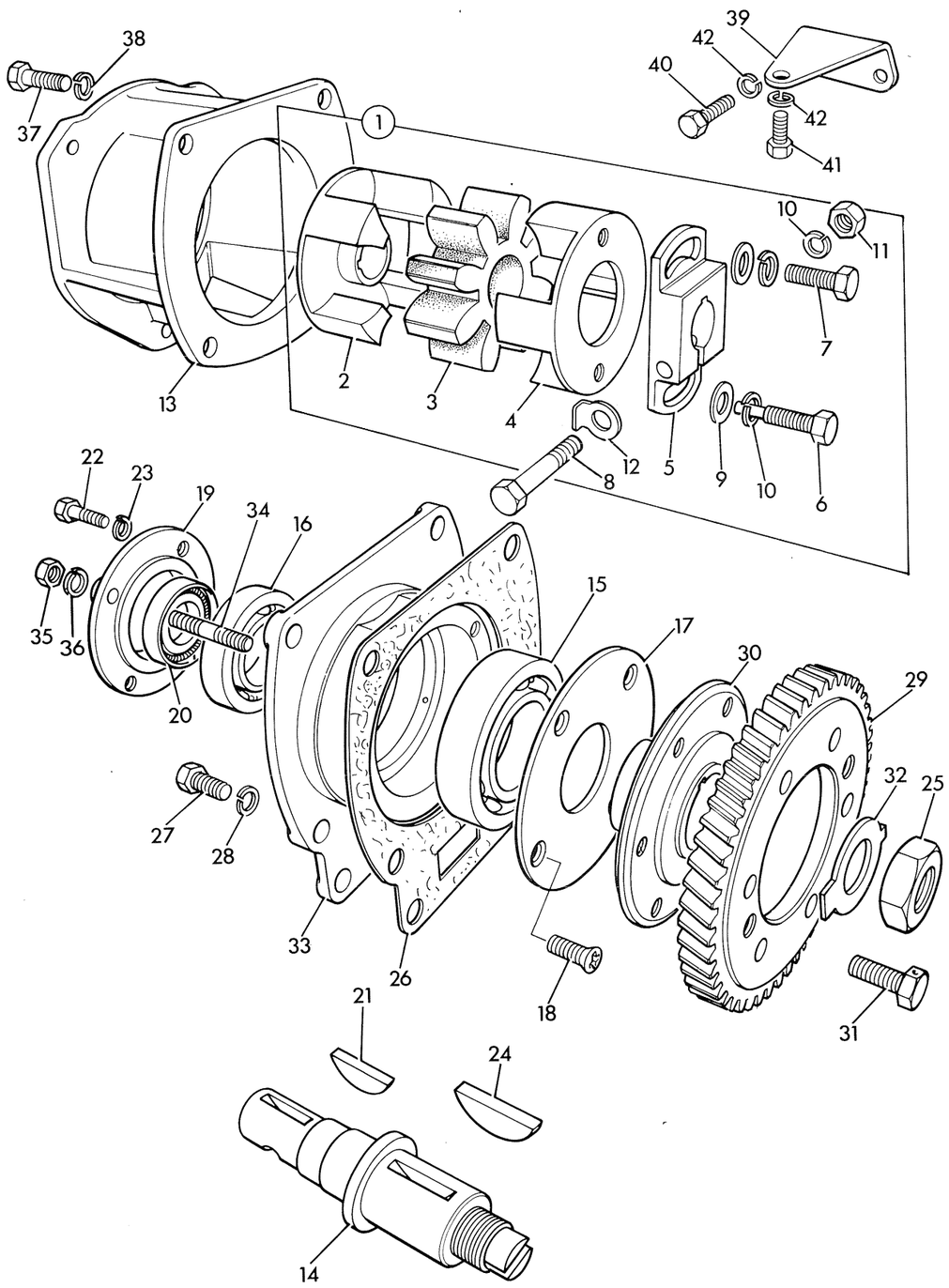


5033

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
1	17H 9231	....	Coupling	1	
2	27H 1405	....	:Flange-Dog	1	
3	27H 1406	....	:Insert	1	
4	17H 9232	....	:Pump Flange	1	
5	AAK 123	....	:Diving Flange	1	
6	27H 1407	....	:Dowel Bolt	1	
7	HNS 0508 HZS 508 1305/0106	Superseded Superseded	:Bolt	1	
8	AAK 124	....	:Bolt	1	
9	PWZ 105 WA 108051	Superseded	:Washer	1	
10	LWZ 205 WL600051 1416/0005	Superseded Superseded	Washer	3	
11	AAK 125	....	Nut	1	
12	AAK 1038	....	Tab Washer	1	
13	CMK 1710	....	Housing	1	
14	AMK 190	....	Drive Shaft	1	
15	6K 584 AMK 777 GHB 130	Superseded Superseded	Bearing-Large	1	
16	AMK 780 GHB 117	Superseded	Bearing-Small	1	
17	AMK 778	....	Cover	1	
18	CMN 412	....	Screw	4	
19	CMK 412	....	Cover	1	
20	AMK 781	....	Seal	1	
21	AMK 782	....	Key	1	
22	HNS 0407 HZS 407 1305/0005	Superseded Superseded	Bolt	4	
23	LWN 304 1416/0004	Superseded	Washer	4	
24	WKN 809	....	Key	1	
25	FNN 612	....	Nut	1	
26	813/00219	....	*Gasket	1	
27	HNS 0508 HZS 508 1305/0106	Superseded Superseded	Bolt	2	

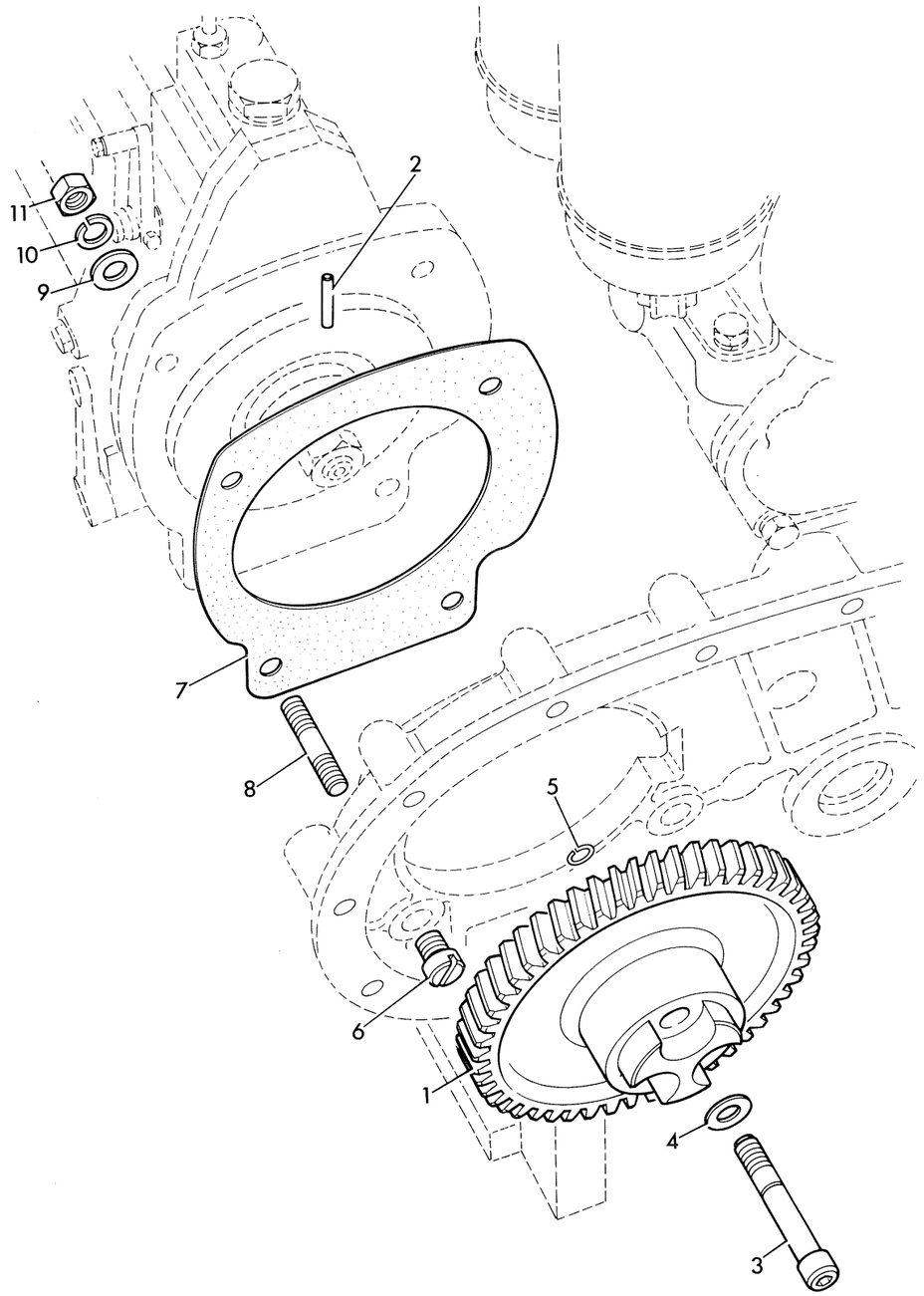
EC 14 INJECTION PUMP DRIVE

110M **ISSUE** 3*

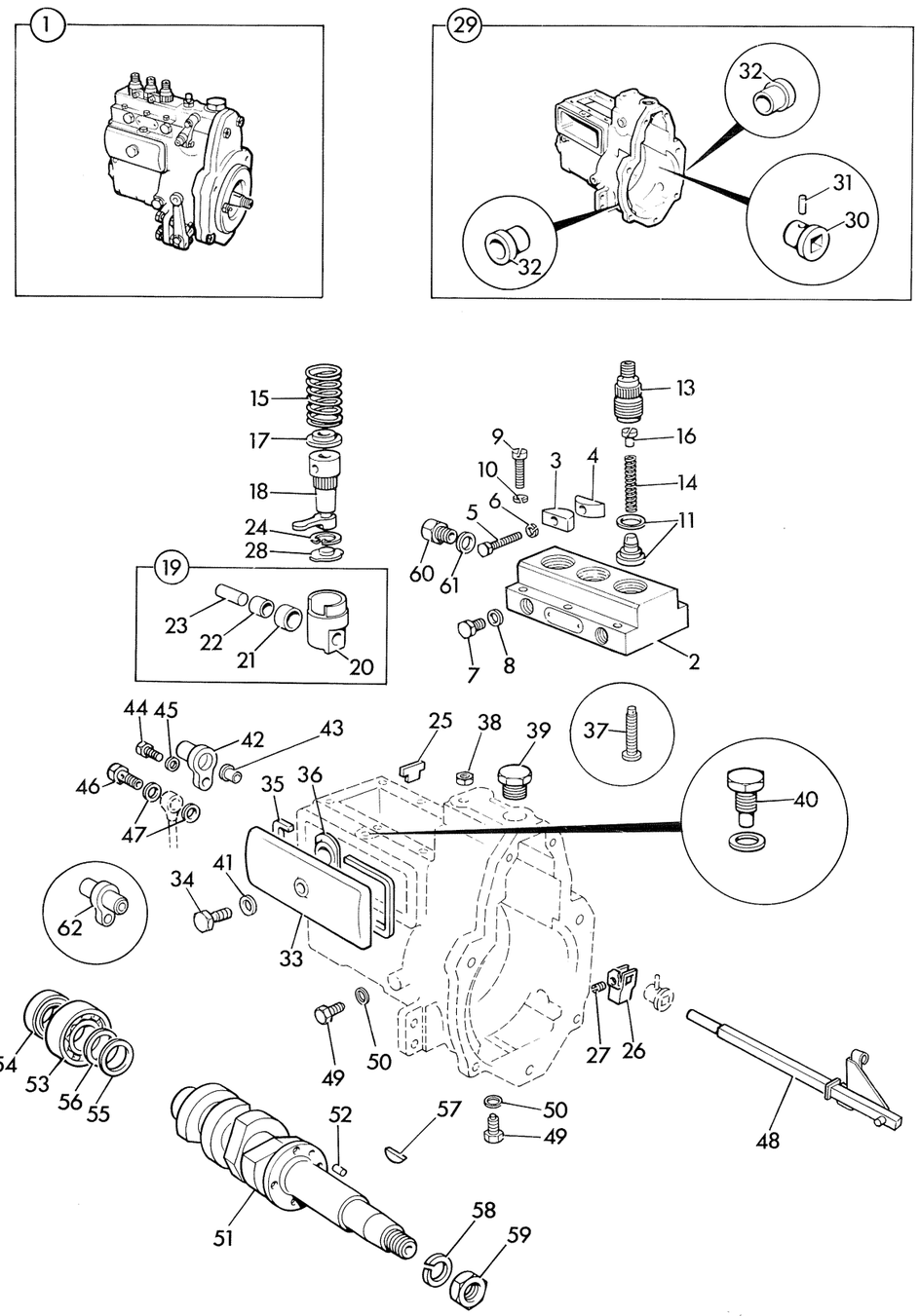


5033

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
28	LWN 305 1416/0005	Superseded	Washer	2	
29	02/390008	....	*Gear	1	
30	AMK 166	....	Hub	1	
31	AMK 732	....	Bolt	6	
32	AMK 779	....	Tab Washer	1	
33	CMK 411	....	Housing	1	
34	CHS 515	....	Stud	3	
35	FNN 105 1340/0101	Superseded	Nut	3	
36	LWN 305 1416/0005	Superseded	Washer	3	
37	HBN 612 1305/3210	Superseded	Bolt	4	
38	LWN 306 1416/0006	Superseded	Washer	4	
39	CMK 1711	....	Bracket	1	
40	HNS 0608 1305/0206	Superseded	Bolt	2	
41	NCS 0606	....	Bolt	1	
42	LWN 306 1416/0006	Superseded	Washer	3	

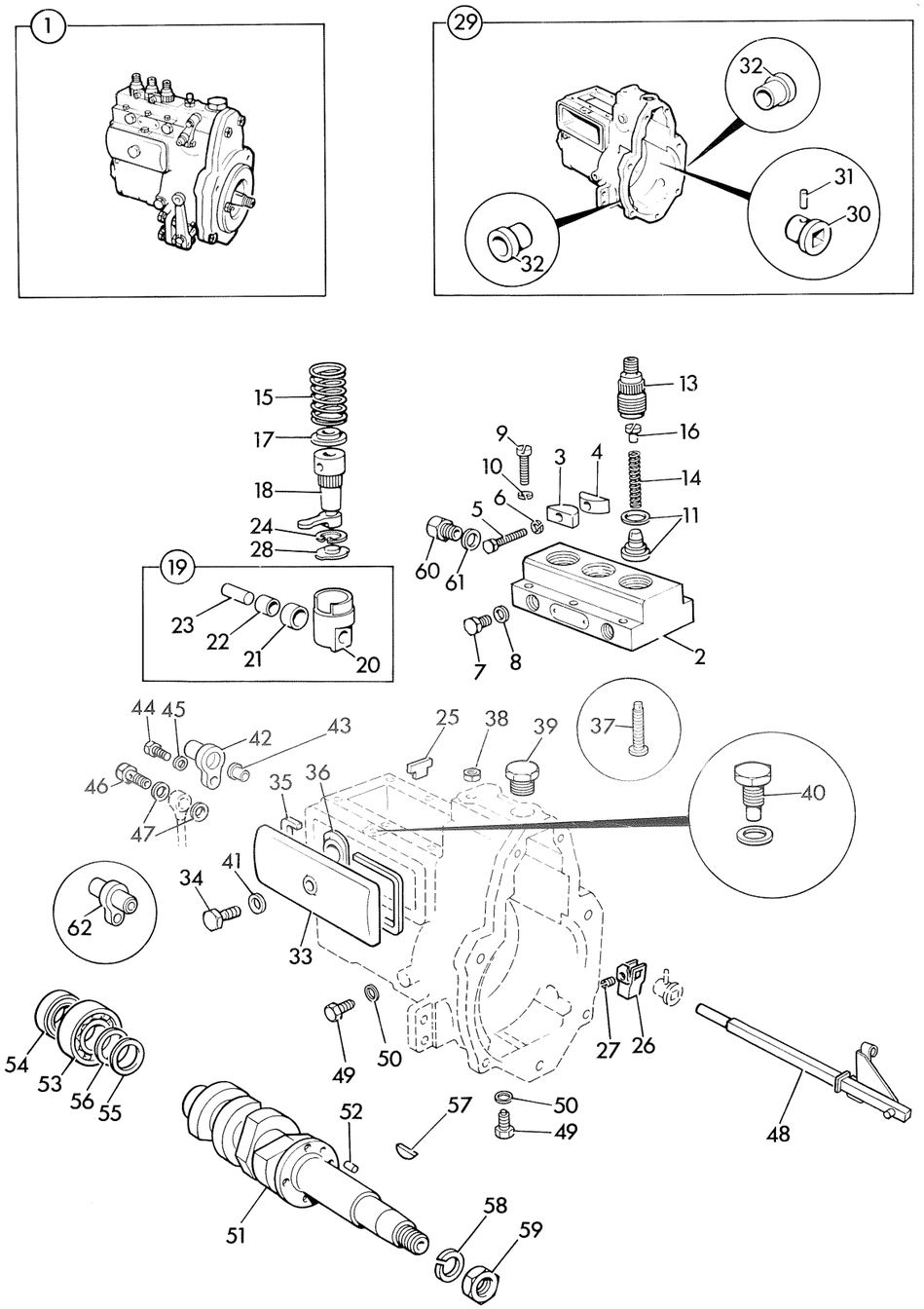


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
1	37D 2110	....	Gear		1
2	RPS 816 2102/0413	Superseded	Roll Pin		1
3	37D 2112	....	Capscrew		3
4	PWN 105 1411/0002	Superseded	Washer		3
5	37D 2113	....	Clip		3
6	37D 2114	....	Screw		3
7	37D 2122 988/00111	Superseded	Gasket		1
8	FHS 0513	....	Stud		4
9	PWN 105 1411/0002	Superseded	Washer		4
10	LWN 305 1416/0005	Superseded	Washer		4
11	FNN 505 FNZ 505 1340/0101	Superseded Superseded	Nut		4



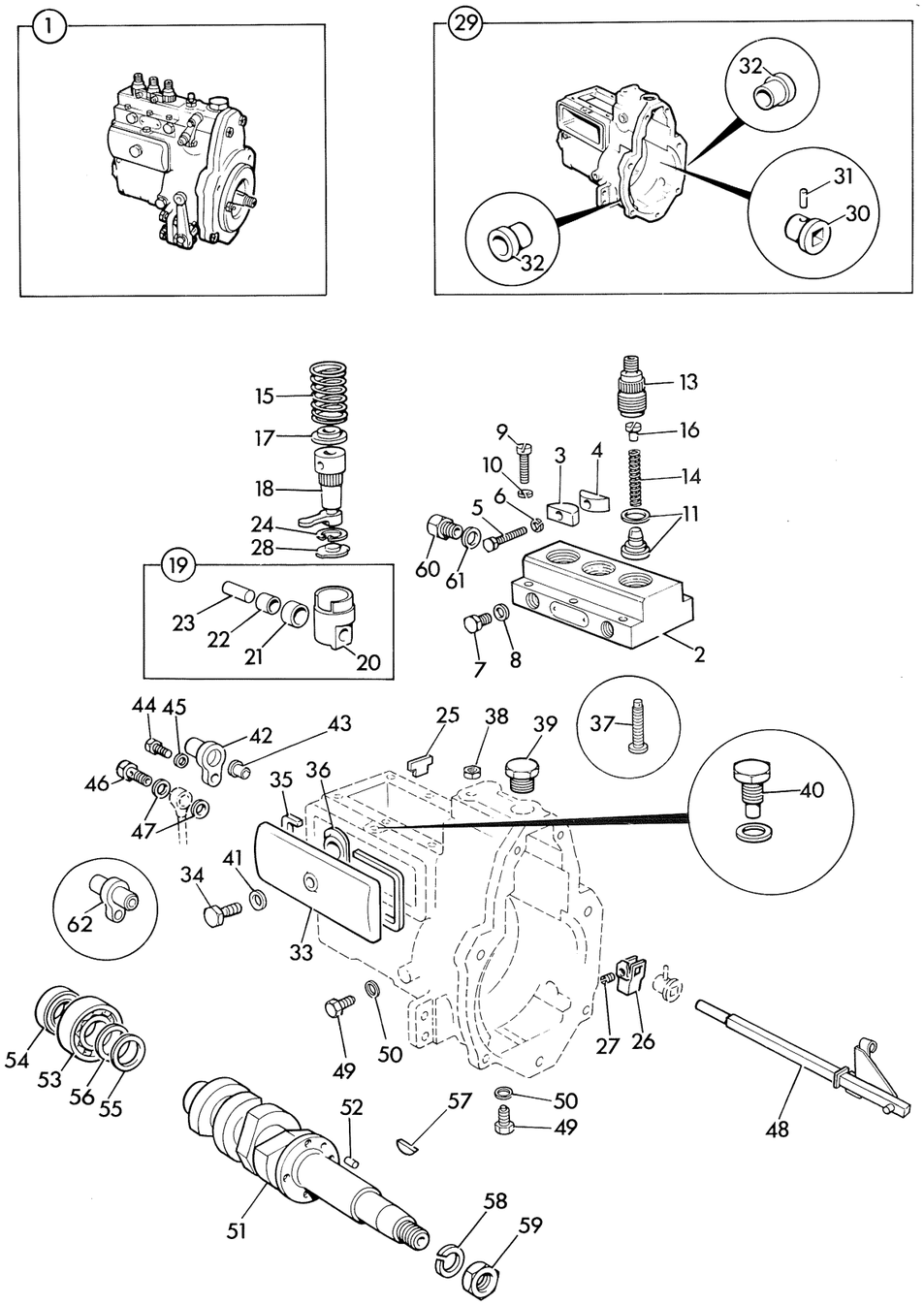
5035

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
1	27H 4953	....	Injection Pump	....	1	
	13H 3930 13H 4812 13H6135 13H6141 988/00015	Superseded Superseded Superseded Superseded	Injection Pump	....		1
2	27H 4954 988/00023	Superseded	Pump Body	....	1	1
3	37H 1017	....	Clamp	....	2	2
4	37H 1018	....	Clamp	....	2	2
5	37H 1057	....	Screw	Clamp....	2	2
6	LWN 303 1416/0003	Superseded	Spring Washer	....	2	2
7	37H 1058	....	Air Screw	....	2	2
8	37H 1059 27H 6903	Superseded	Washer	....	2	2
9	37H 1057	....	Screw	Body to Housing	6	6
10	LWN 303 1416/0003	Superseded	Spring Washer	....	6	6
11	17H 6606	....	Delivery Valve and Guide	....	3	3
12	37H 1015	....	Joint Washer	....	3	3
13	37H 1023	....	Valve Holder	....	3	3
14	37H 1060	....	Valve Spring	....	3	3
15	37H 1024	....	Plunger Return Spring	....	3	3
16	37H 1025	....	Volume Reducer	....	3	3
17	37H 1039	....	Disc-Lower Spring No.1B-0.6mm	....	A/R	A/R
	37H 1040	....	Disc-Lower Spring No.2B-0.7mm	....	A/R	A/R
	37H 1041	....	Disc-Lower Spring No.3B-0.8mm	....	A/R	A/R
	37H 1042	....	Disc-Lower Spring No.4B-0.9mm	....	A/R	A/R
	37H 1043	....	Disc-Lower Spring No.5B-1.0mm	....	A/R	A/R
	37H 1044	....	Disc-Lower Spring No.6B-1.1mm	....	A/R	A/R
	37H 1045	....	Disc-Lower Spring No.7B-1.2mm	....	A/R	A/R
	37H 1046	....	Disc-Lower Spring No.8B-1.3mm	....	A/R	A/R
	37H 1047	....	Disc-Lower Spring No.9B-1.4mm	....	A/R	A/R



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ITEM	PART No.	CHANGE No.		DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
17	37H 1048	....	....	Disc-Lower Spring No.10B-1.5mm	....	A/R	A/R
	37H 1049	....	....	Disc-Lower Spring No.11B-1.6mm	....	A/R	A/R
	37H 1050	....	....	Disc-Lower Spring No.12B-1.7mm	....	A/R	A/R
	37H 1051	....	....	Disc-Lower Spring No.13B-1.8mm	....	A/R	A/R
	37H 1052	....	....	Disc-Lower Spring No.14B-1.9mm	....	A/R	A/R
	37H 1053	....	....	Disc-Lower Spring No.15B-2.0mm	....	A/R	A/R
	37H 1054	....	....	Disc-Lower Spring No.16B-2.1mm	....	A/R	A/R
18	37H 1005	....	....	Barrel-Plunger	Use with Pump P4586/3	3	
	27H 8573	....	....	Barrel-Plunger	Use with Pump P4586/3	3	
	27H 8573	....	....	Barrel-Plunger	....		3
19	N.S.P.	....	....	Tappet Assembly	Use Component Parts	3	3
20	37H 1026	....	....	Body	Tappet	3	3
21	37H 1027	....	....	Roller	....	3	3
22	37H 1028	....	....	Bush	....	3	3
23	37H 1029	....	....	Pin	....	3	3
24	AAK 52	....	....	Retainer	....	3	3
25	17H 9222	....	....	'T'-Tappet Locating	....	2	2
26	37H 1020	....	....	Control Fork	....	3	3
27	37H 1021	....	....	Screw	....	3	3
28	37H 1030	....	....	Tappet Spacer No.1-3.9mm	....	A/R	A/R
	37H 1031	....	....	Tappet Spacer No.2-4.0mm	....	A/R	A/R
	37H 1032	....	....	Tappet Spacer No.3-4.1mm	....	A/R	A/R
	37H 1033	....	....	Tappet Spacer No.4-4.2mm	....	A/R	A/R
	37H 1034	....	....	Tappet Spacer No.5-4.3mm	....	A/R	A/R
	37H 1035	....	....	Tappet Spacer No.6-4.4mm	....	A/R	A/R
	37H 1036	....	....	Tappet Spacer No.7-4.5mm	....	A/R	A/R
	37H 1037	....	....	Tappet Spacer No.8-4.6mm	....	A/R	A/R
	37H 1038	....	....	Tappet Spacer No.9-4.7mm	....	A/R	A/R
	17H 2397	....	....	Tappet Spacer No.10-4.8mm	....	A/R	A/R
	17H 2398	....	....	Tappet Spacer No.11-4.9mm	....	A/R	A/R
	17H 2399	....	....	Tappet Spacer No.12-5.0mm	....	A/R	A/R

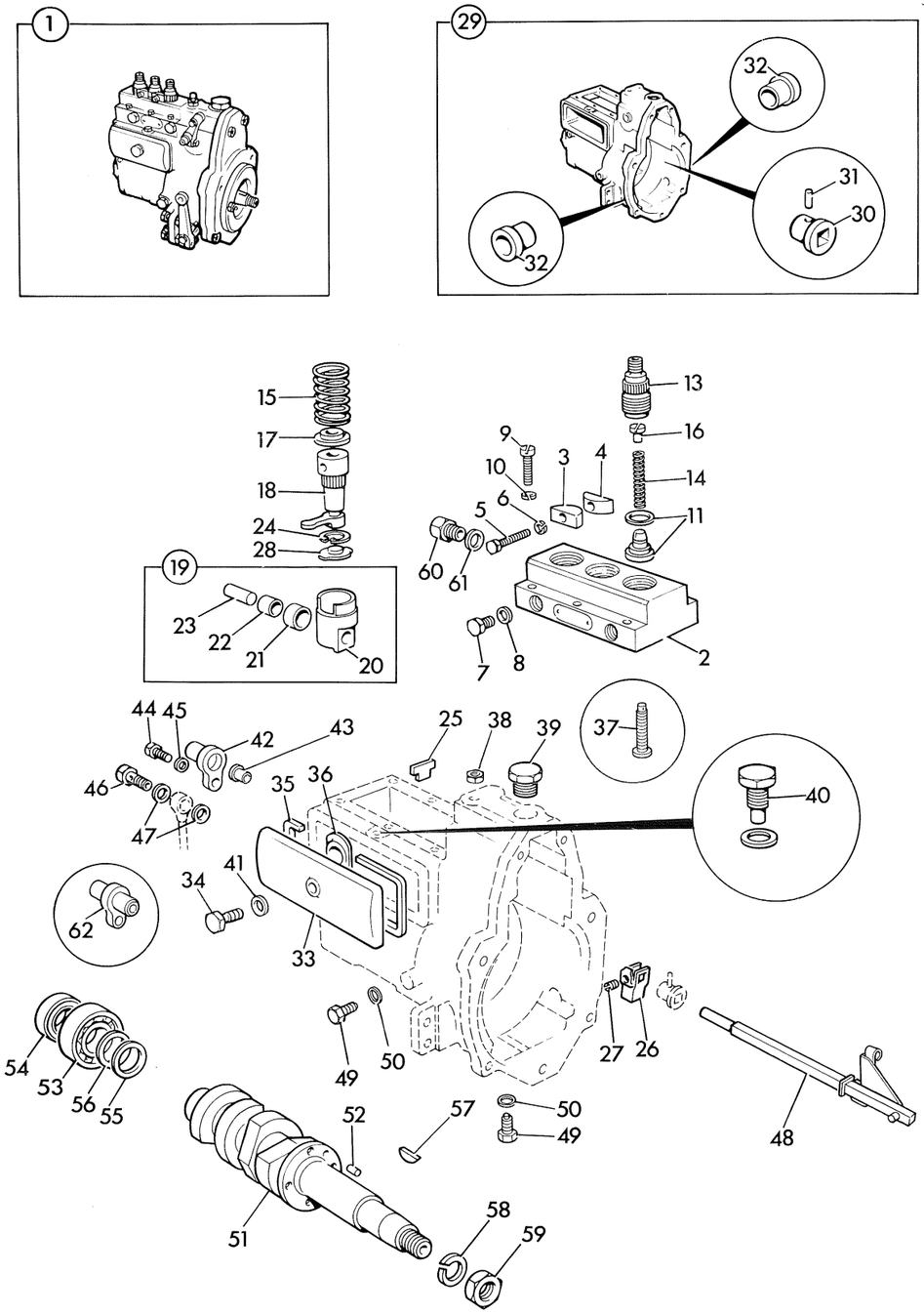


5035

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
29	17H 9221	2197	Pump Housing	....	1	
	17H 9421			Use with Pump P4586/3	1	
	27H 8575	....	Pump Housing	Use with Pump P4586/4	1	
	37H 1827	....	Pump Housing	....		1
30	17H 2396	....	Bush	....	1	
31	37H 1019	....	Pin	Groverloc	1	
32	17H 1212	....	Bush	Control Shaft	2	
	N.S.P.	....	Expansion Plug	....	1	
33	17H 6608	....	Inspection Cover	....	1	
34	37H 1103	Superseded	Bolt	Cover to Pump	1	
	988/00027					
	17H 6609	....	Sealing Ring	....	1	
35						
	37H 1090	....	Sealing Ring	....		1
36	17H 3999	....	Bridge Plate	....	1	
37	37H 1079	....	Screw	Stop	1	
38	FNN 105	Superseded	Nut	....	1	
	1340/0101					
39	37H 1086	....	Oil Filler Plug	....	1	
40	37H 1104	....	Screw	....	1	1
41	17H 6897	....	Seal	....	1	1
42	37H 1055	2197	Cover	....	1	
	27H 3424					1
43	37H 1077	2197	Bush	....	1	
	27H 3424					
44	37H 1068	....	Screw	....	1	1
45	LWN 303	Superseded	Washer	....	1	1
	1416/0003					
46	17H 6882	....	Banjo Bolt	Use with Pump P4586/3	1	
	27H 8572	....	Banjo Bolt	Use with Pump P4586/4	1	
	27H 8572	....	Banjo Bolt	....		1
47	AAK 31	Superseded	Washer	....	2	2
	27H 6903					
48	17H 6603	....	Control Rod/Stop Fork	....	1	1
49	17H 3519	....	Plug	....	1	1
	27H 8571	....	Plug	....	1	1
	37H 1059	....	Washer	....	2	

EC 15 FUEL INJECTION PUMP

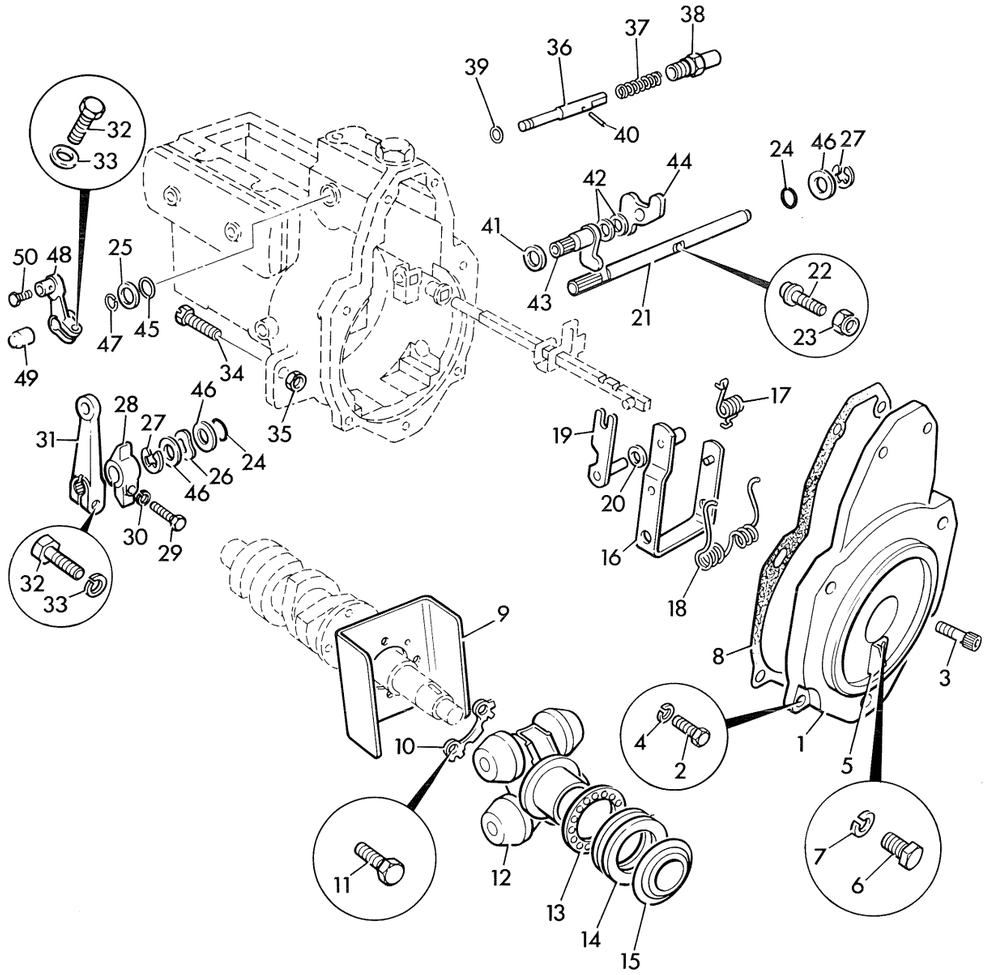
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
50	27H 6903	....	Washer	....		1
	17H 1215	....	Washer	....		1
51	17H 9223 27H 3723	2197	Camshaft	....	1	
	37H 1826	....	Camshaft	....		1
52	17H 9219	....	Dowel	....	1	1
53	AAK 15	....	Bearing	....	2	2
54	AAK 19	....	Oil Seal	....	1	1
55	AAK 13	....	Shim-Camshaft	.004in.(0.1mm)	2	2
56	AAK 14	....	Shim-Camshaft	.008in.(0.2mm)	2	2
57	WKN 505	....	Key	....	1	1
58	LWN 208 1416/0008	Superseded	Washer	....	1	1
59	37H 1071	....	Locknut	....	1	1
60	27H 4852	....	Adapter	....	1	1
61	BMK 95	....	Washer	....	1	1
62	27H 3424	....	Cover and Bush Control Rod	....	1	
	37D 2106	....	Hub	....	1	1

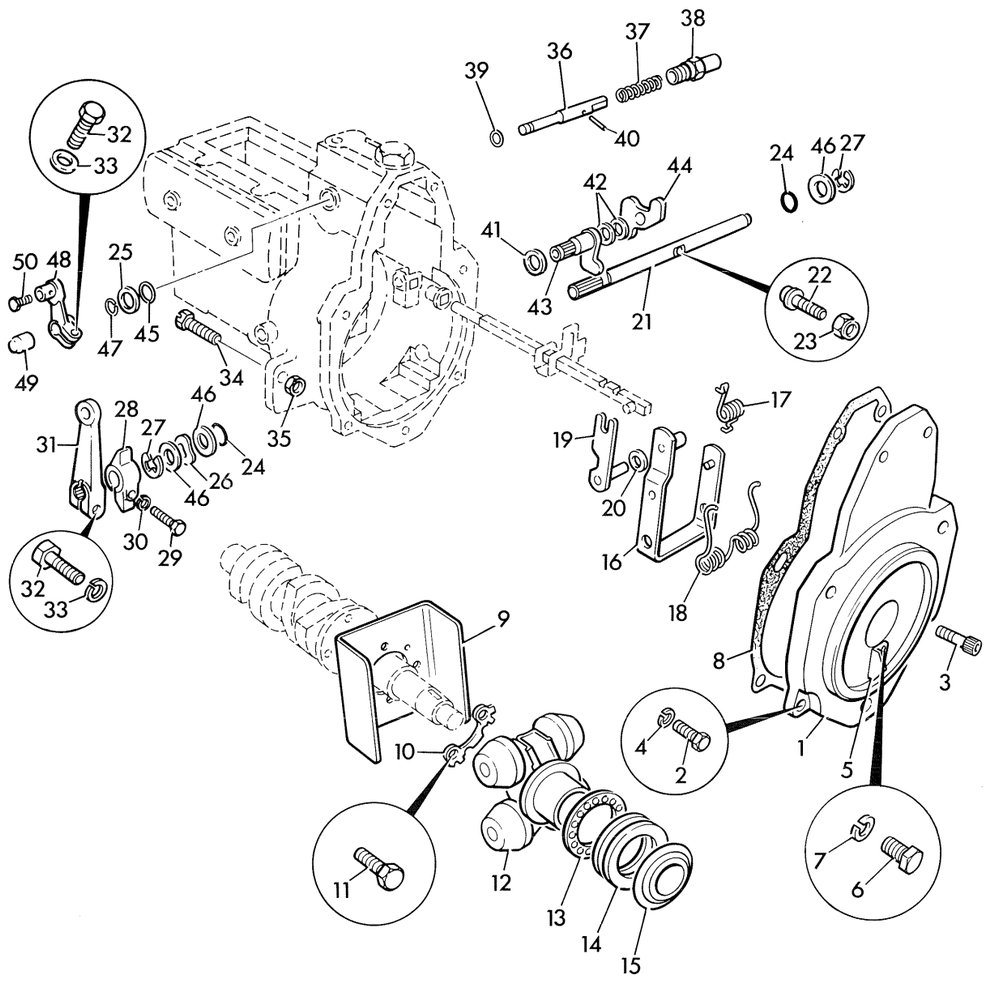
EC 17 INJECTION PUMP GOVERNOR

110M **ISSUE** 4



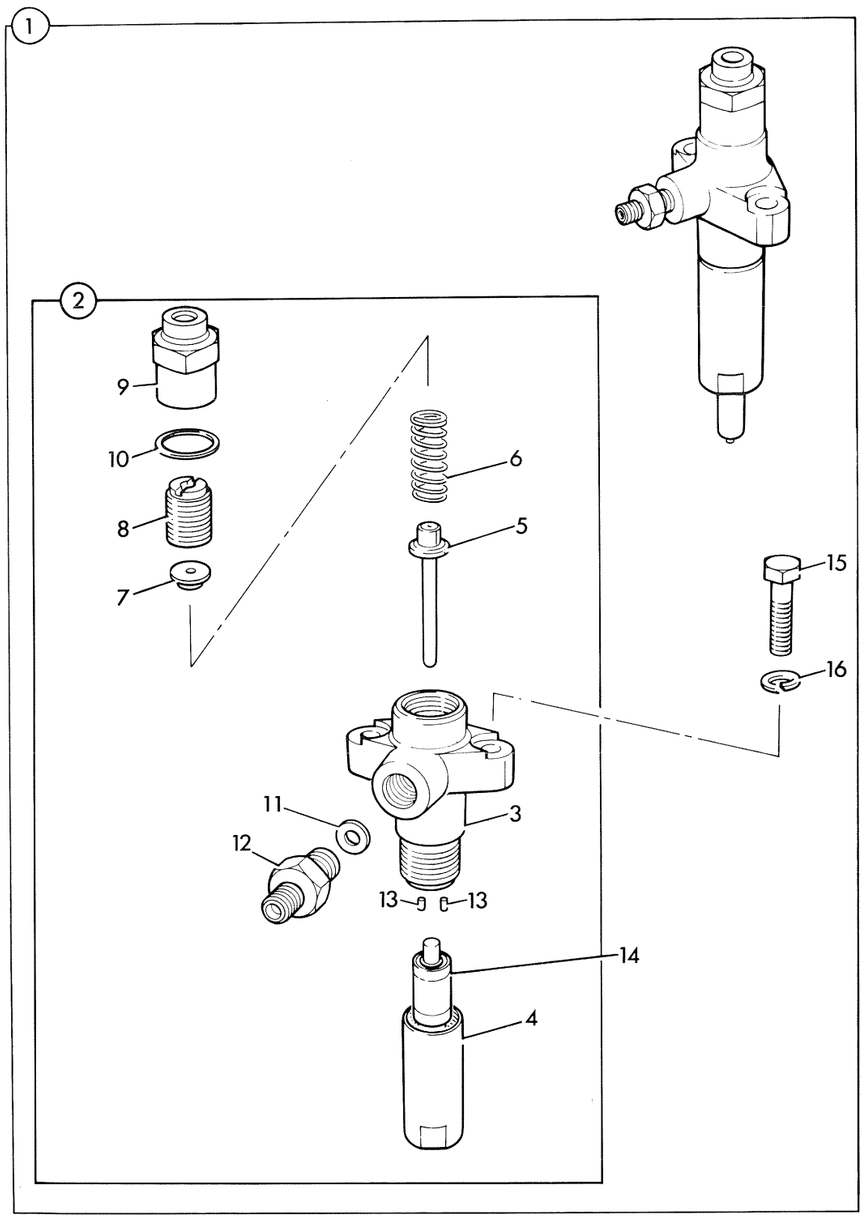
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
1	17H 9224	....	Cover	....	1	
	37H 1746	....	Cover	....		1
2	37H 1066	....	Screw	Cover to Pump	3	
	37H 1066	....	Screw	Cover to Pump		2
	37H 1748	....	Screw	Cover to Pump		1
3	17H 9227	....	Capscrew	....	1	
4	LWN 304	....	Washer	....	4	
	LWN 304	....	Washer	....		2
	LWZ 205 WL600051	Superseded	Washer	....		1
5	17H 9225	....	Indicator	Timing	1	
	37H 1747	....	Indicator	....		1
6	17H 9226	....	Screw	Indicator to Pump	1	
7	LWN 303 1416/0003	Superseded	Washer	....		
8	37H 1094	....	Gasket	Governor Cover to Pump	1	1
9	17H 2999	....	Back Plate	....	1	1
10	17H 3515	....	Tab Washer	....	2	2
11	17H 3516	....	Screw	Back Plate to Pump	4	4
12	37H 1013	....	Governor Weight	....	1	1
13	37H 1081	....	Thrust Bearing	....	1	1
14	37H 1080	....	Thrust Pad	....	1	1
15	37H 1107	....	Baffle Washer	....	1	1
16	37H 1010	....	Racking Lever	....	1	1
17	37H 1093	....	Spring	Racking Lever	1	1
18	37H 1101	....	Governor Spring	....	1	
	37H 1744	....	Governor Spring	....		1
19	37H 1009	....	Link Plate	....	1	1
20	37H 1105	....	Shim	....	1	1
21	37H 1100	....	Control Shaft	....	1	1
22	37H 1099	....	Pin	....	1	1
23	37H 1072	....	Nut	....	1	1
24	37H 1065	....	Nu-lip Ring	....	2	2
25	37H 1078	....	Washer	....	1	1
26	17H 3518	....	Washer	Bowed	1	1
27	17H 1219 37H3491	Superseded	Clip	....	2	2

EC 17 INJECTION PUMP GOVERNOR



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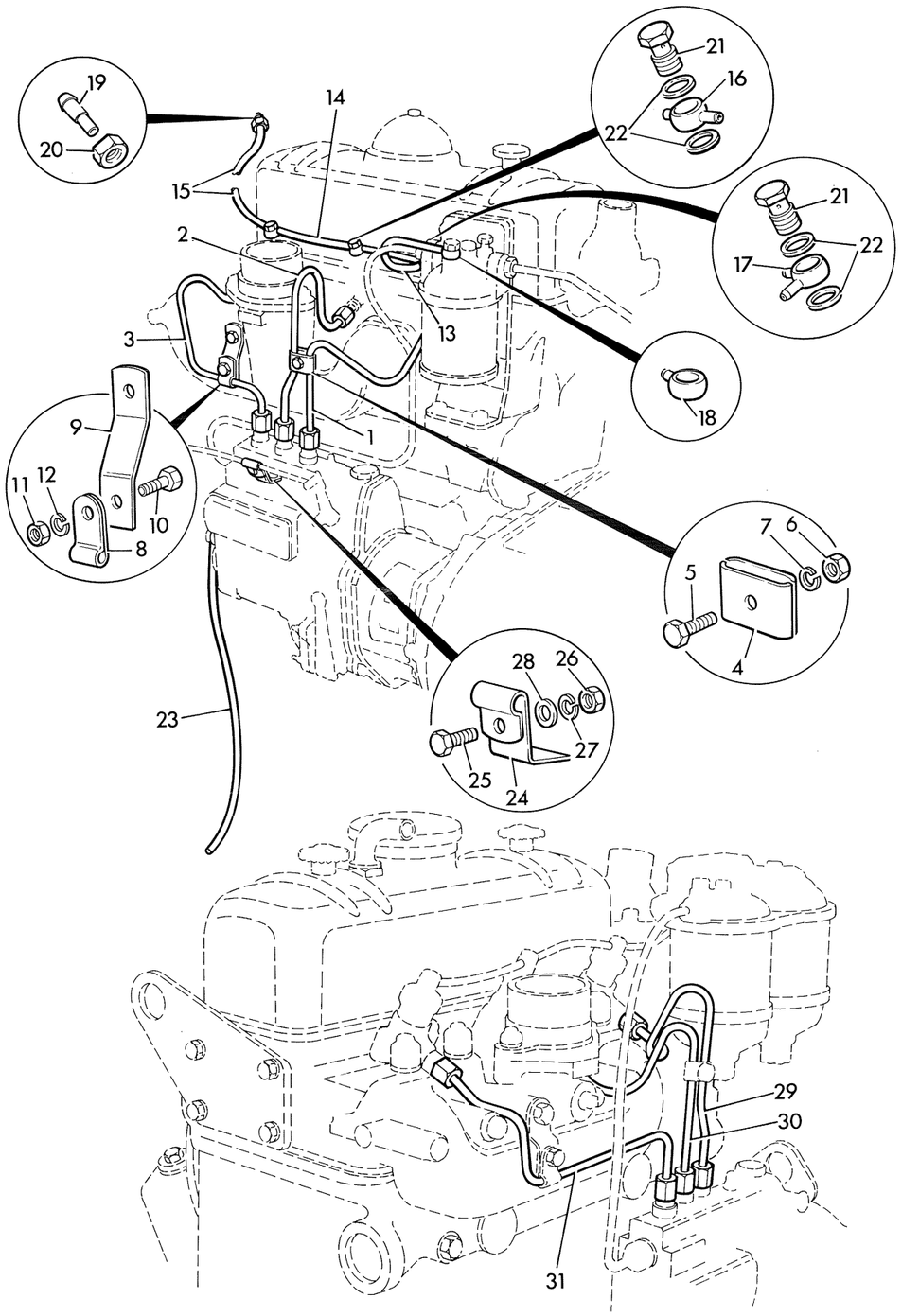
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28T	QTY. 28TD
28	37H 1091 27H 3724 27H 3724	2197	Quadrant	Stop	1	
29	37H 1070	....	Screw	....	1	1
30	LWN 303 1416/0003	Superseded	Spring Washer	....	1	1
31	37H 1106	....	Lever	....	1	1
32	37H 1069	....	Screw	Stop & Control Levers		2
33	LWN 303 1416/0003	Superseded	Washer	....	2	2
34	17H 9228	....	Screw	Stop	2	2
35	AAK 125	....	Nut	....	2	2
36	37H 1095	....	Shaft	....	1	1
37	27H 6664	....	Spring	....	1	1
38	37H 1074	....	Bearing	....	1	1
39	17H 9217	....	Seal	....	1	1
40	37H 1063	....	Groverloc Pin	....	1	1
41	17H 6918	....	Thrust Washer	....	1	1
42	37H 1073	....	Seal	....	2	2
43	37H 1012	....	Stop	Shaft	1	1
44	37H 1088	....	Lever	Maximum Stop	1	1
45	37H 1064	....	Seal	....	1	1
46	37H 1078	....	Washer	....	3	3
47	AAK 379	....	Ring	Spring	1	1
48	37H 1011 37H 2192	Superseded	Lever	....	1	1
49	37H 1096	....	Shroud	Excess Shaft	1	1
50	37H 1067 27H 5812	Superseded	Screw	Stop Cable to Lever	1	1
51	37H 1749	....	Nut	....		3
52	37H 1750	....	Olive	....		1
53	37H 1751	....	Connector	Tachometer		1
54	NCS 0405	....	Screw	....		2
55	LWN 304	....	Washer	....		2



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
1	BMK 1056 BMK 645 988/00006	Superseded Superseded	Injector	....	3	
	988/00006 13H 5858 CMK 1796	To E4651 See Remarks	Injector	13H 5858 N/A Use CMK 1796 in set of 3.		3
2	AAK 150	....	:Holder	....	3	
	AAK 150 17/100301	To E46840	*:Holder	....		3
3	N.S.P.	....	*::Body	Was AAK 106	3	3
4	17/100105	....	*::Nut	....	3	3
5	AAK 108	....	::Spindle	....	3	3
6	AAK 109	....	::Spring	....	3	3
7	AAK 110	....	::Plate	....	3	3
8	AAK 111	....	::Screw	....	3	3
9	AAK 112	....	::Cap Nut	....	3	3
10	AAK 114	....	::Washer	....	3	3
11	AAK 115	....	::Washer	....	1	1
12	AAK 113 27H 8217	Superseded	::Adapter	....	1	1
13	17H 9418	....	::Dowel	....	2	2
14	BMK 1057 BMK 646 83H 160	Superseded Superseded	:Nozzle	....	1	
	83H 160 13H 5859 BMK 1084	To E4651 To E46840	:Nozzle	....		1
15	HBN 0511 1305/3109	Superseded	Bolt	....	6	6
16	LWN 305 1416/0005	Superseded	Washer	....	6	6
	37H 3802	....	Shim	....	3	3

EC 19 FUEL INJECTION PIPES

110M **ISSUE** 7*

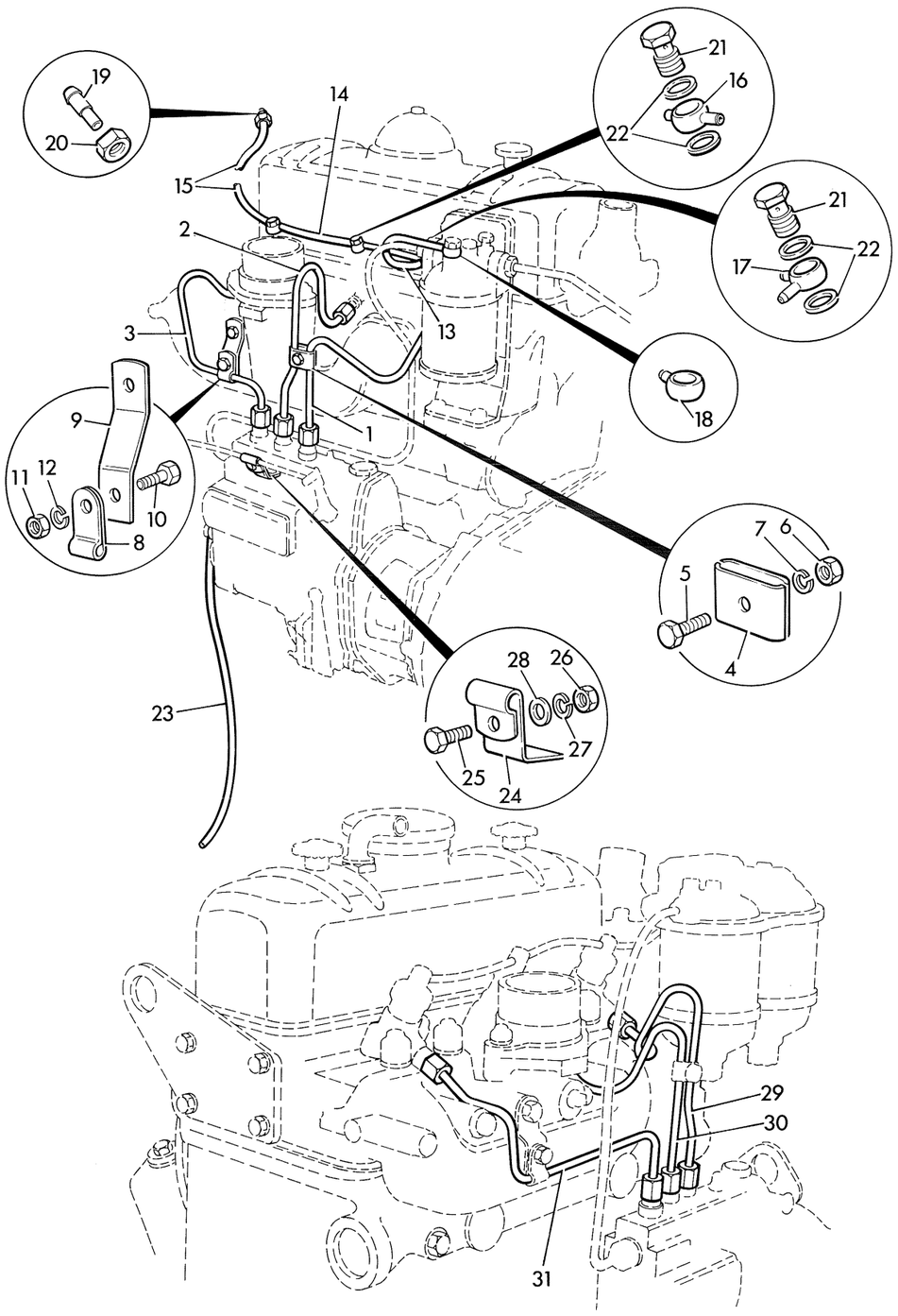


5040

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.	
1	CMK 1114	....	Pipe	No.1 Cylinder	1	
2	CMK 1115	....	Pipe	No.2 Cylinder	1	
3	CMK 1116	....	Pipe	No.3 Cylinder	1	
4	02/300073	....	*Clamp	No.1 & No.2 Pipe	2	2
5	HNS 0406 1305/0004	Superseded	Screw	Clamp to Pipes	1	1
6	FNN 104 1340/0001	Superseded	Nut	....	1	1
7	LWN 304	....	Washer	....	1	1
8	AMK 2073	....	Clamp	No.3 Pipe	1	1
9	AMK 2072	....	Bracket	....	1	1
10	HNS 0404 1305/0002	Superseded	Screw	Clamp to Pipes	1	1
11	FNN 104 1340/0001	Superseded	Nut	....	1	1
12	LWN 304	....	Washer	....	1	1
13						
14 15	97H 2772M 988/00181	Superseded	Nylon Spill Off Pipe Supplied in Multiples of 1 ft		A/R	A/R
16	816/70004	....	*Banjo	Straight Through	2	2
17	CMK 335	....	Banjo	Right-Angled	1	1
18	816/70003	....	*Banjo	Straight-Ended	1	1
19	CMK 329	....	Nipple	....	1	
20	AMK 798 AHH 5385	Superseded	Union Nut	....	1	
21	AAK 280	....	Banjo Bolt	....	3	3
22	AAK 31 27H 6903	Superseded	Washer	....	6	6
23	CMK 848	....	Oil Level Pipe	....	1	1
24	CMK 601	....	Clip	Engine Stop Control	1	1
25	53K 126	....	Bolt	Stop Control to Clip	1	1
26	LNZ 103	....	Nut	....	1	1
27	1416/0003	....	*Spring Washer	....	1	1
28	PWZ 103	....	Washer	....	1	1
29	37D 2117	....	Pipe	Injection Pump to No.1 Cyl.		1
30	37D 2118	....	Pipe	Injection Pump to No. 2 Cyl.		1
31	37D 2364	....	Pipe	Injection Pump to No. 3 Cyl.		1

EC 19 FUEL INJECTION PIPES

110M **ISSUE** 4



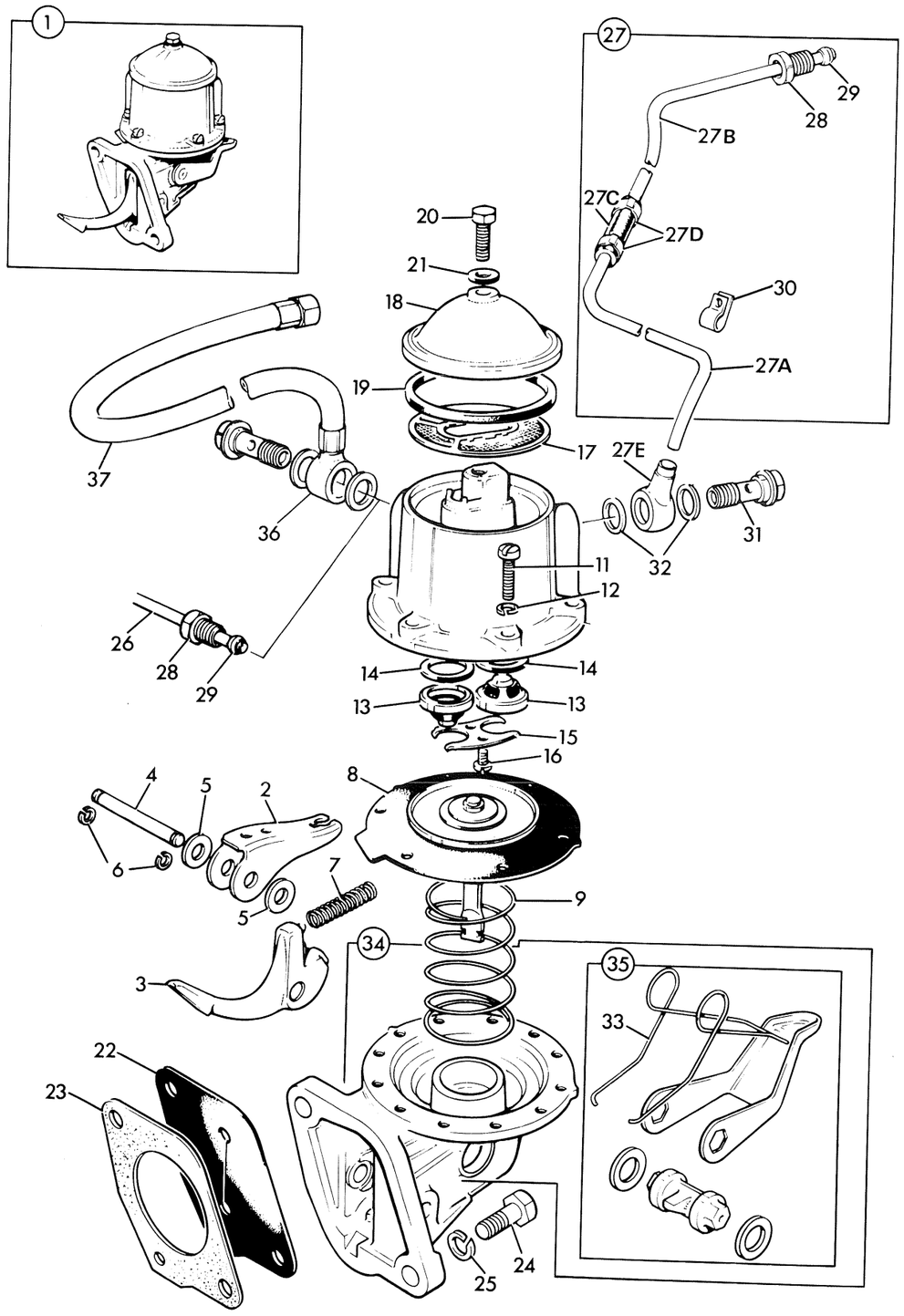
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
32	103/65006	....	Pipe	Injector Spill Off 1 Pipe to Fuel Tank	1
33	G34/1	....	'O' Clip	....	1 1
34	202/26003 826/00183	Superseded	Nut	....	1 1
35	202/26002 816/00343	Superseded	Nipple	....	1 1

5040

EC 20 FUEL LIFT PUMP

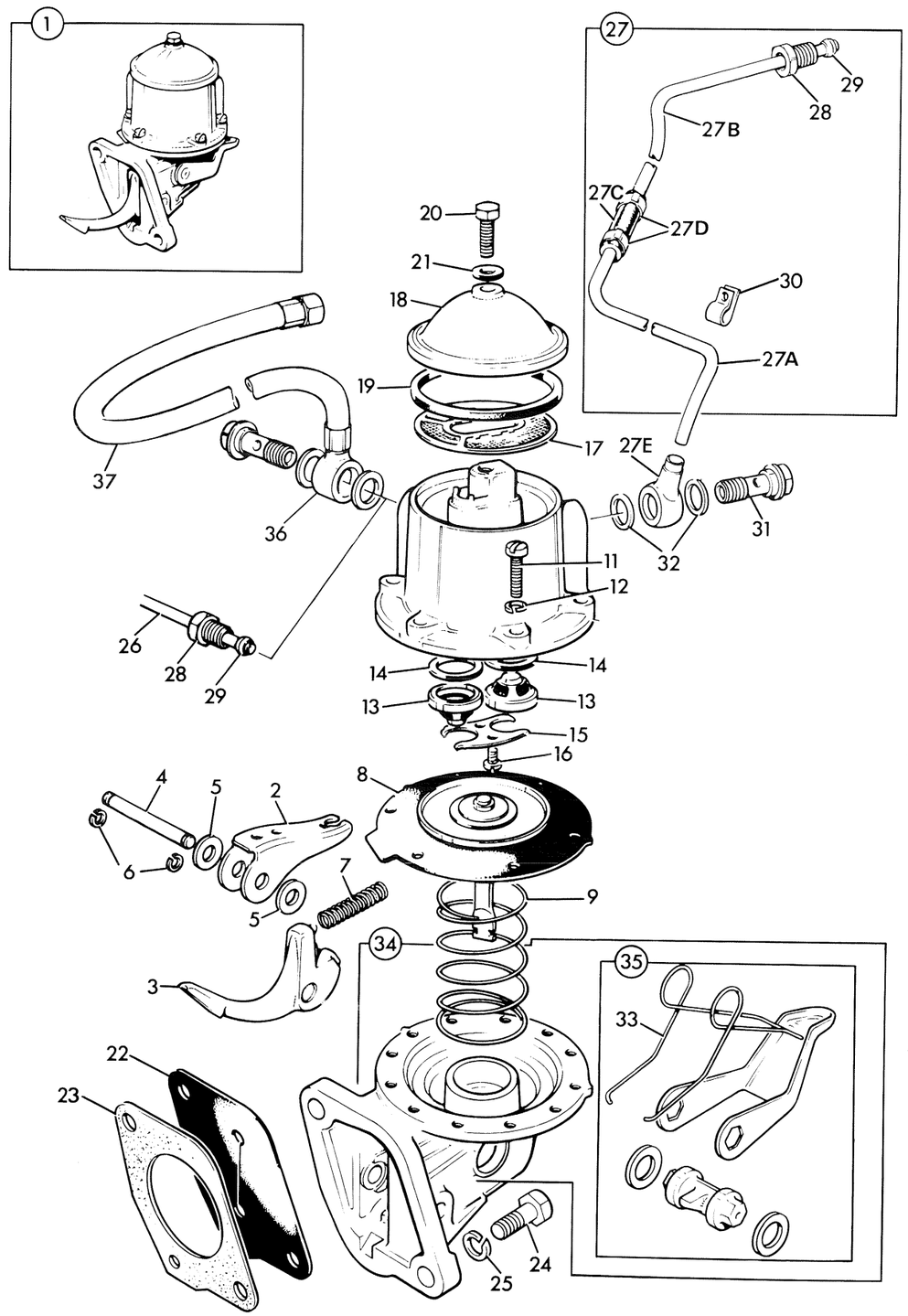
5042

110M **ISSUE** 10*



5042

ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
1	988/00043	....	*Pump	Correction was 988/00013	1	1
2	N.S.P.	....	Link	Was 7H814	1	1
3	17/400304	....	*Arm	....	1	1
4	N.S.P.	....	Pin	Was 7H813 & 27H4562	1	1
5	N.S.P.	....	Washer	Was 7H811	2	2
6	N.S.P.	....	Clip	Was 7H1388 & 27H4561	2	2
7	N.S.P.	....	Spring	Was 7H812	1	1
8	8G2039 17/400307	To E4362	*Diaphragm & Pull Rod	....	1	
9	17H179 17/400308	To E4362	*Spring	....	1	
10	N.S.P.	....	Housing	Was 7H815 & 27H6522	1	1
11	PWN0310 17/400309	To E4362	*Screw	....	6	6
12	LWN303	....	Washer	....		6
13	515036	....	*Valve	Was 7H1561 & 27H4568	2	2
14	N.S.P.	....	Seal	Was 7H816 & 37H1255	1	2
15	7H1670	To E4362	Retainer	....	1	
16	7H1483	To E4362	Screw	....	2	
17	17/400305	....	*Strainer	....	1	1
18	59650	....	*Cover	....	1	1
19	17H301	....	Seal	....	1	1
20	HZS405	....	Bolt	....	1	1
21	010072	....	Washer	....	1	1
22	813/00220	....	*Gasket	Use Together	1	1
23	37D2891	....	Gasket		1	1
24	1305/0106	....	Screw	....	2	2



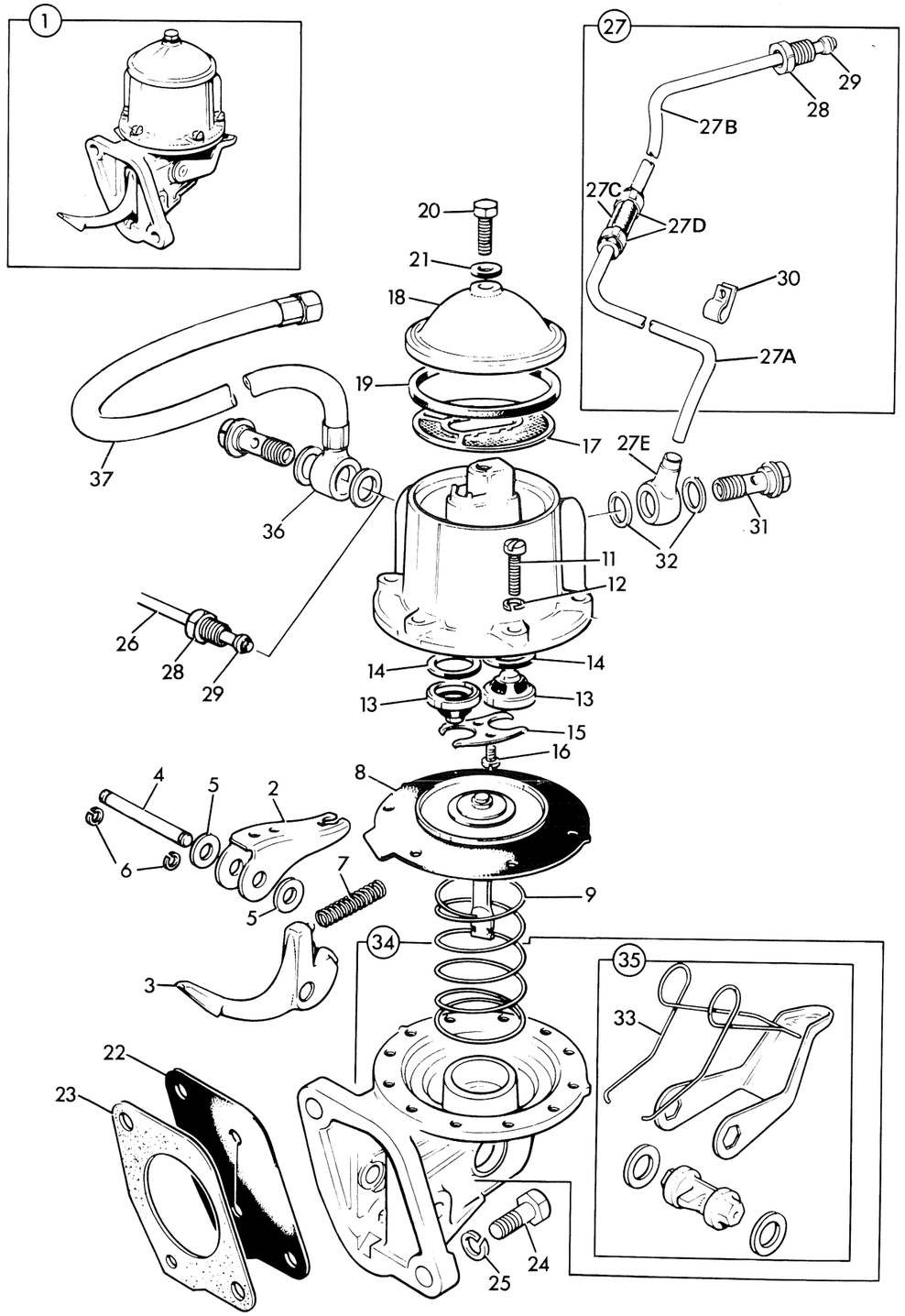
5042

ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
25	LWN305 1416/0005	Superseded	Washer	....	2	2
26	ATJ3100 37H7149M	Superseded	Pipe	....	1	1
27	N.S.P.	....	Pipe	Was CMK1251 37D2479,37D2922 & 990/21400	1	1
27A	37D3155 37H7148M 988/00064	Superseded Superseded	:Pipe :Pipe (Roll) 25 ft.	....	1	1
27B	37D3156 37H7148M 988/00064	Superseded Superseded	:Pipe :Pipe (Roll) 25 ft.	....	1	1
27C	21A208 37H4760 37H7615M	Superseded Superseded	:Hose	....	1	1
27D	13H839	....	:Clamp	....	2	2
27E	AMK115	....	:Banjo	....	1	1
28	AAK9 13H1905	Superseded	Nut	Used with CMK1251 & 37H7148M	3	
	826/00590 13H5173 13H1905	....	*Nut Alternatives	Use with 37D2479 & 37D2922 Use with 990/21400 & 37H7148M		3
29	AAK10 13H1904	Superseded	Olive	Use with CMK1251 & 37H7148M	3	
	826/00591 37D2562 13H1904	....	*Olive Alternatives	Use with 37D2479 & 37D2922 Use with CMK1251 & 37H7148M		3 3
30	AMK915 PCR511	....	Clip Clip	....	1	 1
31	AMK925	....	Banjo Bolt	....	1	1
32	ARH517 823/00107	Superseded	Washer	....	2	2
33	17/400302	....	*Spring	....	1	1
34	N.S.P.	....	Body	Was 7H1560	1	1
35	H7-69	....	Primer Set	....	1	1
35A	8G2040 17/400303	To E4362	*Major Repair Kit	Comprises items 2 to 8, 13 to 17, 19,21,22 & 23	1	1
	8G2039 17/400306	To E4362	*Minor Repair Kit	Comprises items 8,13,14,19 21,22 & 23	1	1

EC 20 FUEL LIFT PUMP

5042

110M **ISSUE** 5*

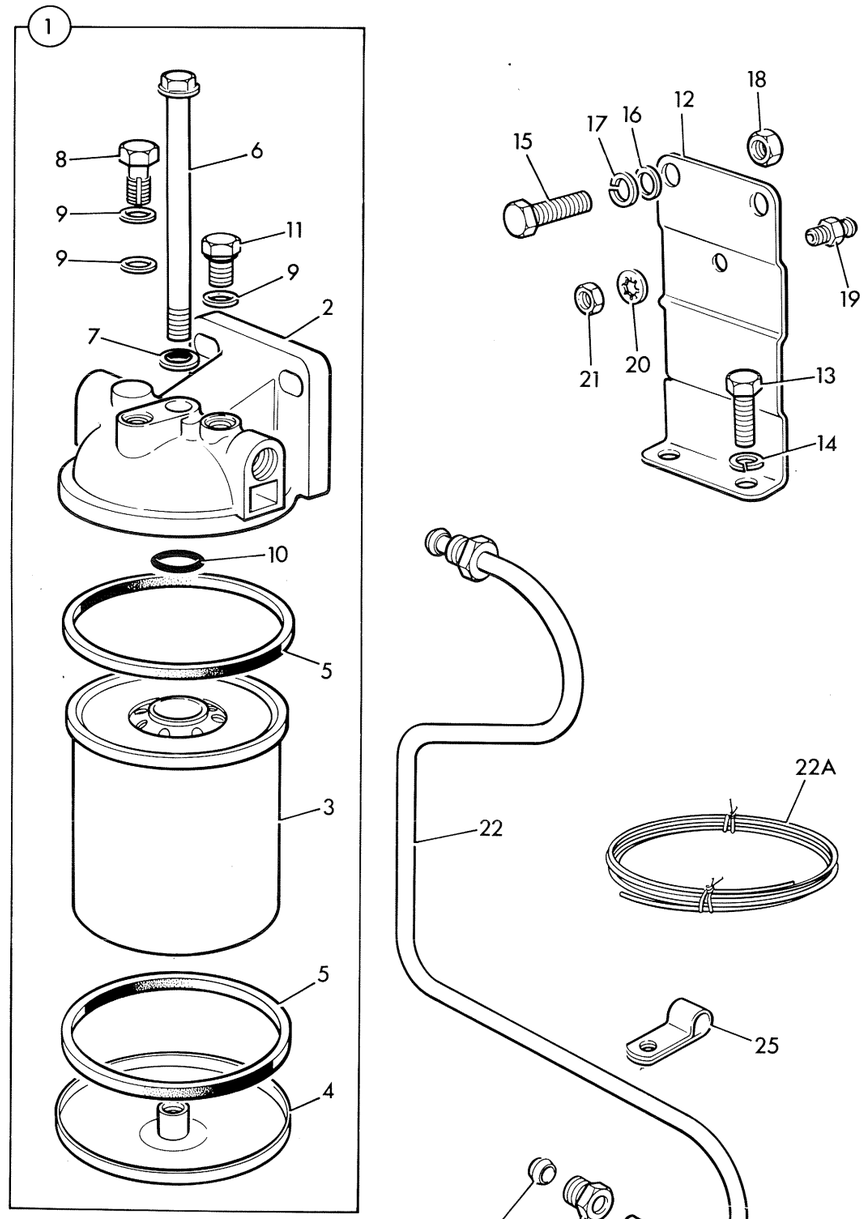


5042

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
36	103/65700	....	Banjo Assembly	1	1
	816/75003	....	*:Banjo Bolt	1	1
	103/65703	....	:Washer	2	2
37	647/00700	....	Hose	1	1
38	202/26004 816/00262	Superseded	Adapter	1	1
39	900/00011	....	Tap	1	
40	202/26002 816/00343	Superseded	Nipple	1	1
41	826/00183	....	Nut	1	1
	Items 38 to 41 Not Illustrated				

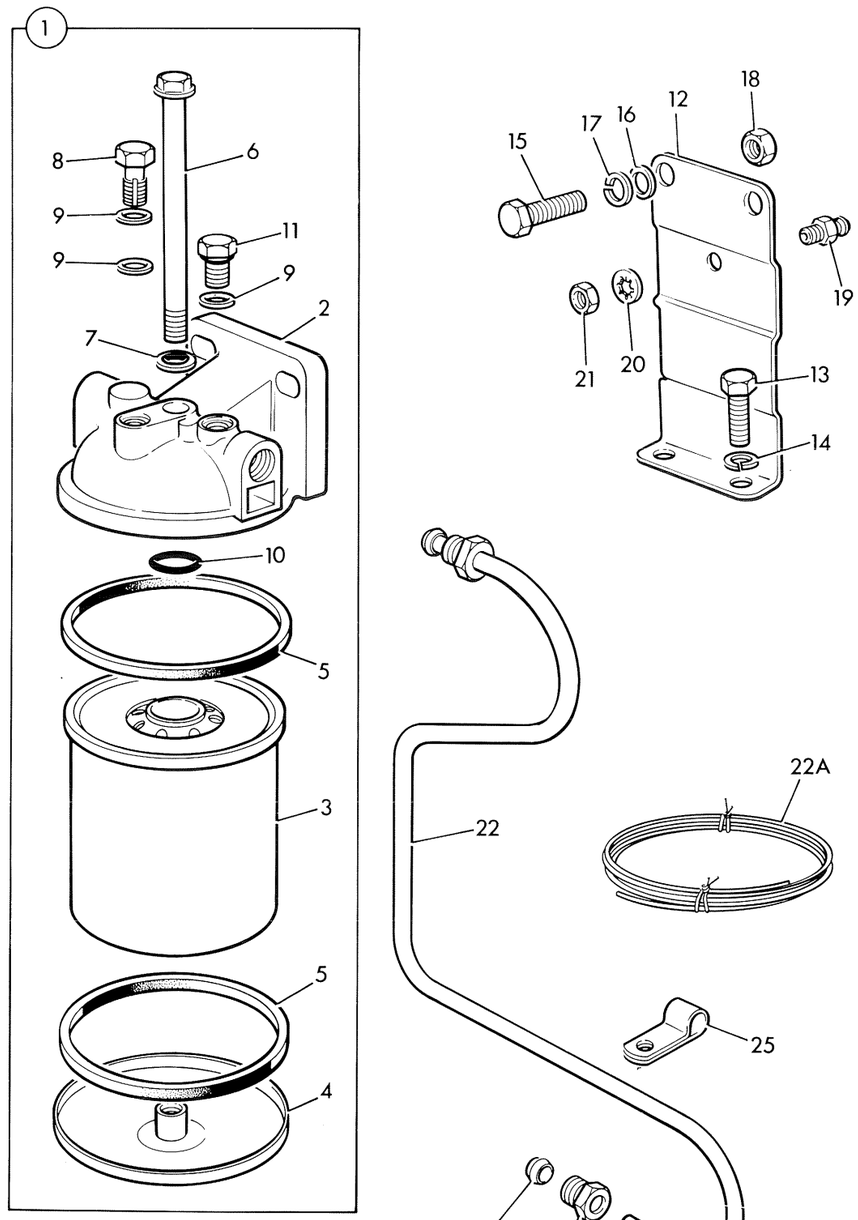
EC

Pages EC 21 to EC 35



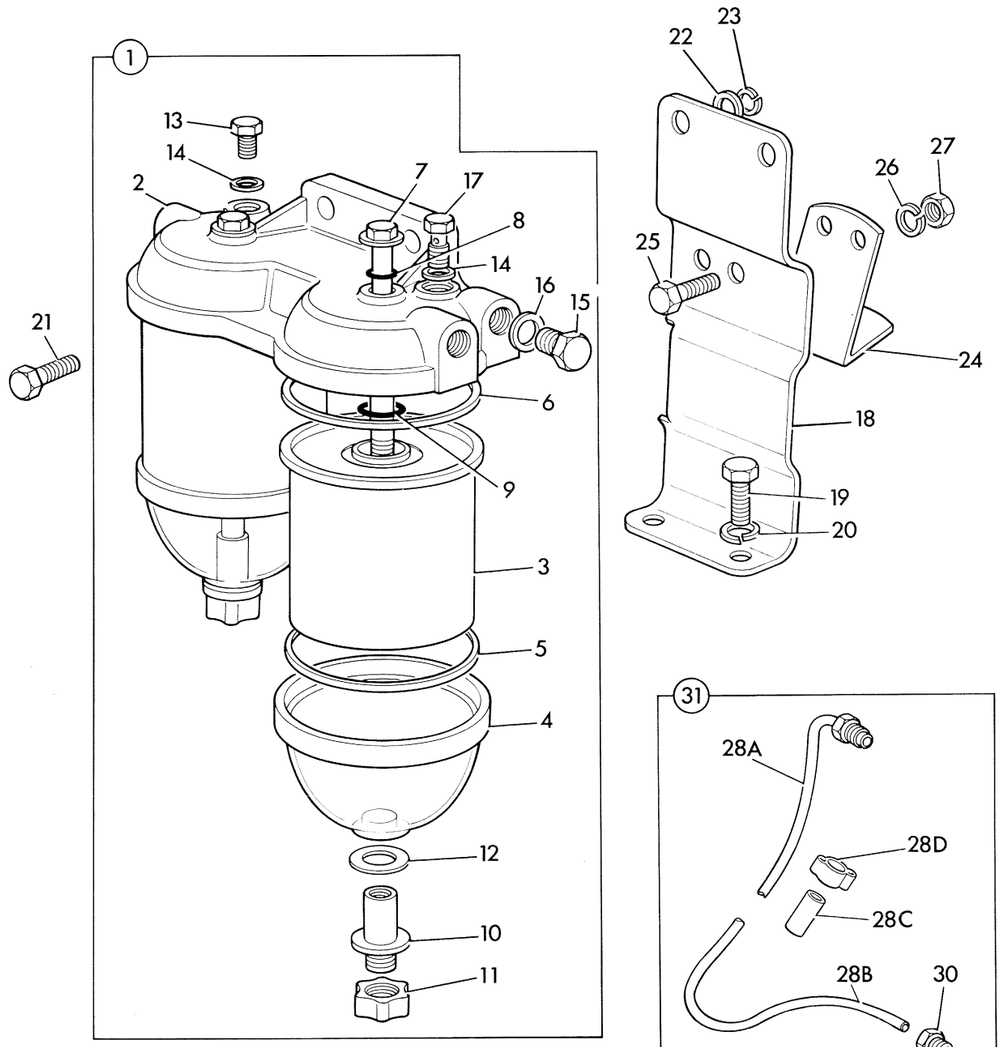
5043

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
1	BMK1083 988/00005	Superseded	Filter (Simms)		1
2	17H9451	....	:Head		1
3	17H9452 37H1581 988/00030 F8/25 32/400701	Superseded Superseded Superseded Superseded	:Element		
4	17H9453 27H6662 37H2725	Superseded Superseded	:Plate		1
5	17H9454	....	:Ring		2
6	17H9455	....	:Bolt		1
7	17H9456 27H4644	Superseded	:Washer .... :'O' Ring		1 1
8	17H9457 13H3907 27H67663	Superseded Superseded	:Banjo Belt		1
9	AAK31 27H6903	Superseded	:Washer		3
10	17H9458	....	:'O' Ring		1
11	17H9459 27H8657	Superseded	:Screw-Air Vent		1
12	AMK2465	....	Bracket		1
13	HNS0608 1305/0206	Superseded	Bolt		2
14	LWN306 1416/0006	Superseded	Washer		2
15	HNS0610 1305/0208	Superseded	Bolt		2
16	PWN106 1410/0003	Superseded	Washer		2
17	LWN306 1416/0006	Superseded	Washer		2
18	FNN506 1340/0201	Superseded	Nut		2
19	CMK1795 37D429	Superseded	Piece		1
20	LWN705	....	Washer		1
21	FNN205 1340/0101	Superseded	Nut		1
22	CMK1792 37D437	Superseded	Pipe		1

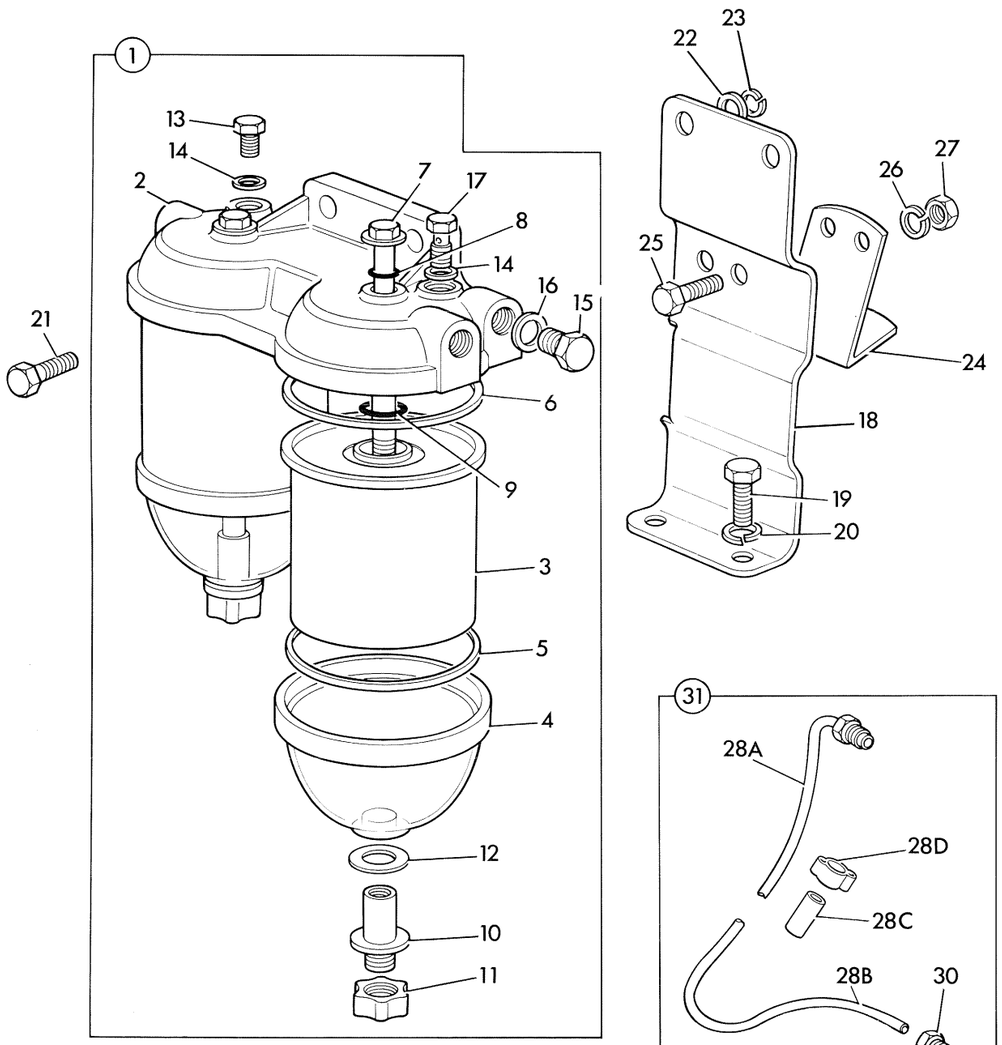


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
22A	37H7149M	....	Pipe (Roll)		
23	AAK9 13H1905	Superseded	Nut		2
24	AAK10 13H1904	Superseded	Olive		2
25	BMK9154	....	Clip		1

5043

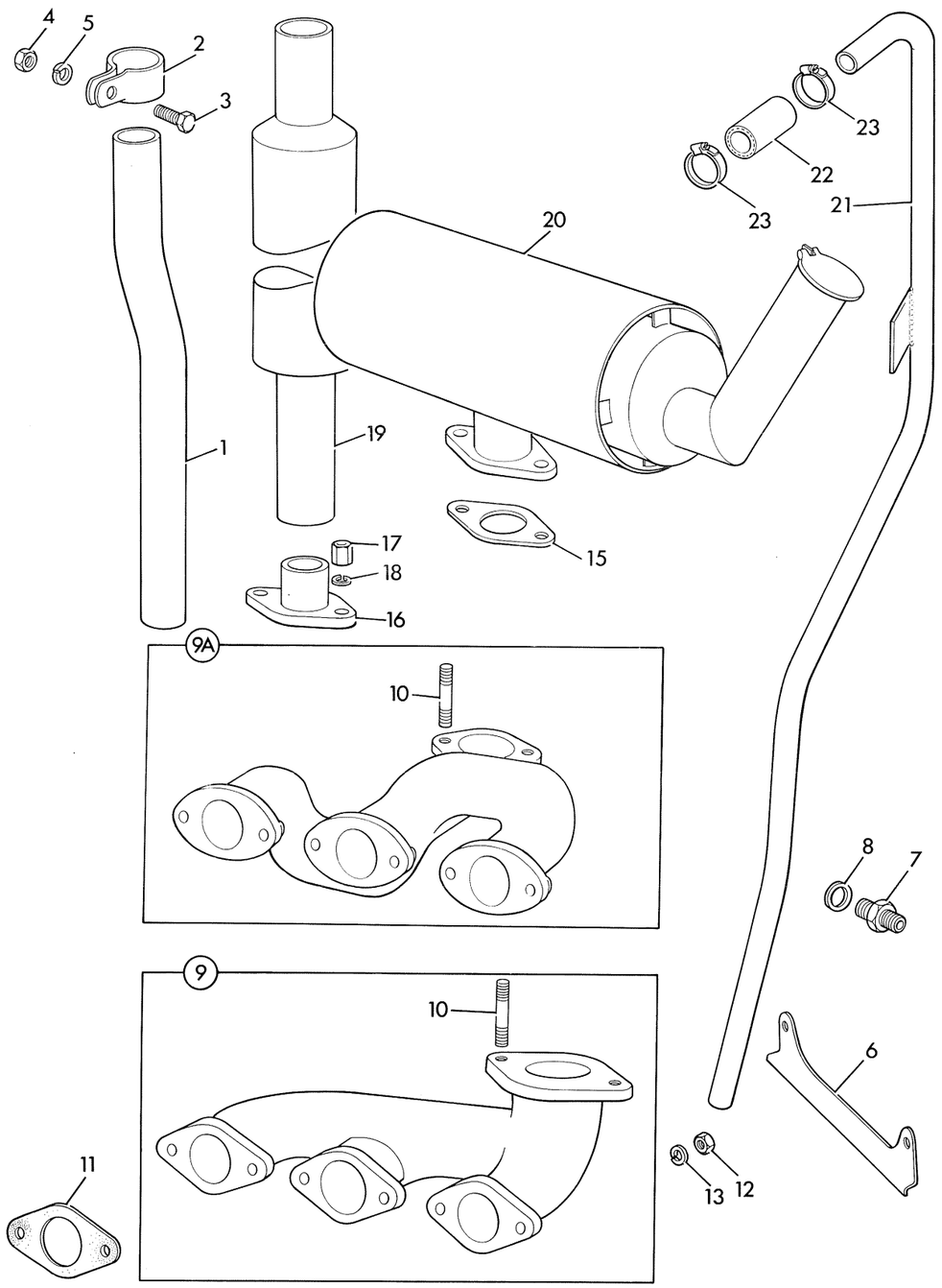


ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
1	13H4215 13H6035	Superseded	Filter		1
2	37H1576 37H3983	Superseded	:Head		1
3	37H1581 988/00030 32/400701	Superseded Superseded	:Element		2
4	37H1582 37H4663	Superseded	:Bowl		2
5	17H9454	....	:Seal		2
6	17H9454	....	:Seal		2
7	37H1580	....	:Bolt		2
8	27H4644	....	:'O' Ring-Top		2
9	17H9458	....	:'O' Ring-Bottom		2
10	37H1584	....	:Drain		2
11	37H1585	....	:Cap		2
12	37H1583	....	:Washer		2
13	27H8657	....	:Screw		2
14	37H1577 86K330	Superseded	:Washer		2
15	37H1579 BMK598	Superseded	:Plug		2
16	37H1578	....	:Washer		2
17	27H6663	....	:Banjo Bolt		1
18	37D1018	....	Bracket		1
19	HNS0606 1305/0204	Superseded	Bolt		2
20	LWN306 1416/0006	Superseded	Washer		2
21	HNS609 1305/0207	Superseded	Bolt		2
22	PWN106 1410/0003	Superseded	Washer		2
23	LWN306 1416/0006	Superseded	Washer		2
24	37D2827 37D3163	Superseded	Bracket		1
25	HNS0506 HZS506 1305/0104	Superseded Superseded	Bolt		2
26	LWN305 1416/0005	Superseded	Washer		2



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
27	FNN505	Superseded	Nut	....		2
	FNZ505	Superseded				
	1340/0101					
28	37D2481	Superseded	Pipe	....		
	37D2558	Superseded				
	37D2924	Superseded				
	990/21200	Superseded				
	N.S.P.					
28A	37D3161	Superseded	:Pipe-Upper	....		
	See Item 31					
28B	37D3162	Superseded	:Pipe-Lower	....		1
	See Item 31					
28C	21A208	Superseded	:Connector	....		1
	37H4760	Superseded				
	37H7615M					
28D	13H839	Superseded	:Clip	....		2
	HCS208	Superseded				
	G34/1					
29	826/00591	....	*:Olive	Use with 37D2481M 37H7148M		2
	37D2562	....	:Olive	Use with 37D2558		2
	97H2182	....	:Olive	Use with 37D2924 37D3161 & 37D3162		2
30	826/00590	....	*:Nut	Use with 37D2558, 37D2481 & 37H7148M		2
	13H5173	....	:Nut	Use with 37D2924		2
31	37H7148M	Superseded	Pipe-25ft.Roll	....		1
	988/00064					
32	106/65308	....	Stay	....		1
33	37H3984	E2024 on	Bleed Screw	....		1

EC 22 EXHAUST SYSTEM



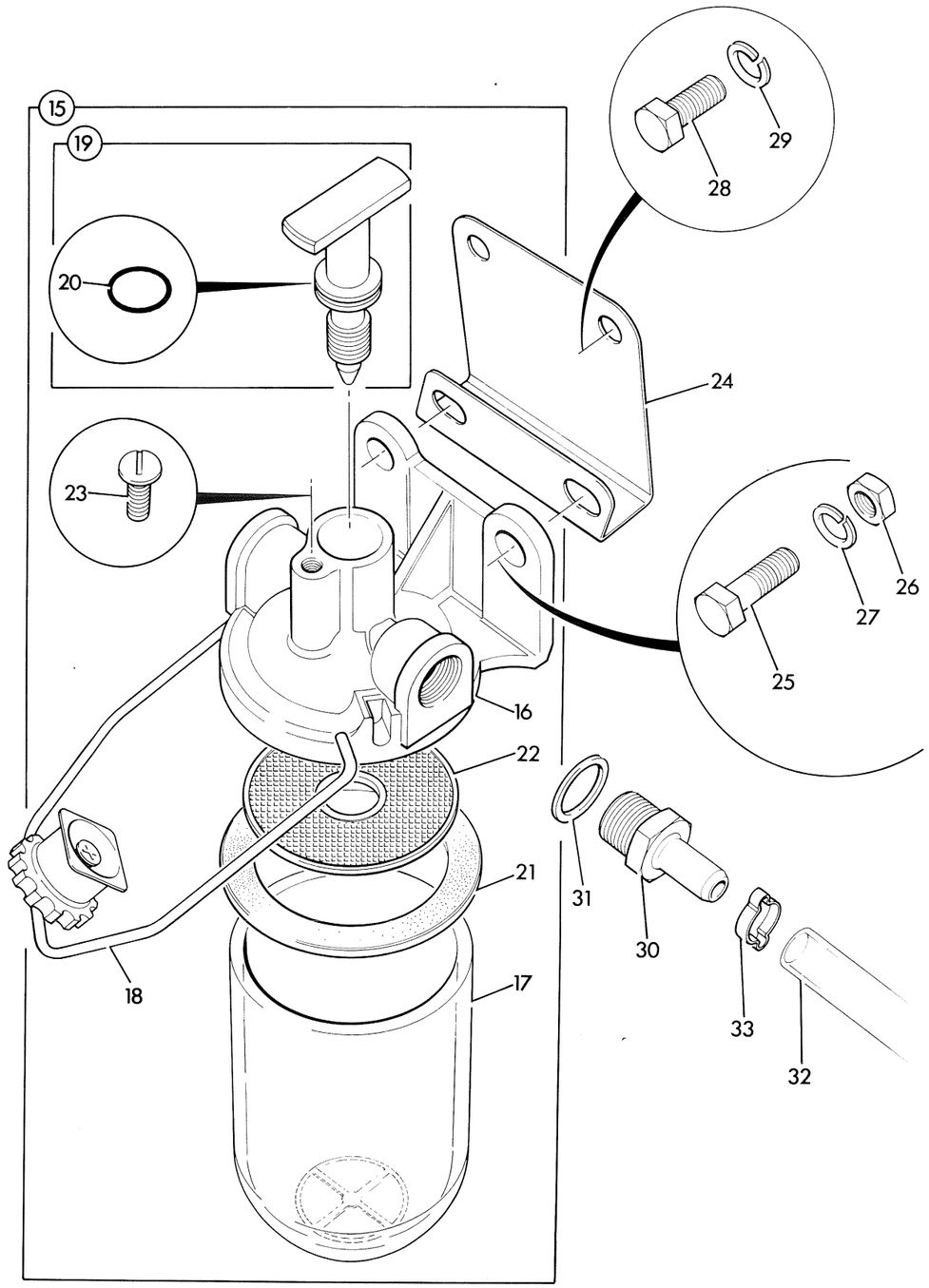
ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
1	AMK641 37D2090	Superseded	Breather Pipe	1	
2	AEB149	....	Clip	1	
3	HNS0408 1305/0006	Superseded	Bolt	1	
4	FNN104	....	Nut	1	
5	LWN304 1416/0004	Superseded	Washer	1	
6	CMK368	....	Dust Cover	1	1
7	AEB150 614060	Superseded	Union-Oil Gauge	1	1
8	823/00210	....	*Washer	1	1
9	AMK1832	....	Exhaust Manifold	1	
9A	37D2362 AMK1832	Superseded	Exhaust Manifold		1
10	FHS614	....	Stud	2	2
11	813/00208	....	*Gasket	3	3
12	CMK810 85K2213	Superseded	Nut	6	6
13	LWN306 1416/0006	Superseded	Washer	6	6
14	815/00018 See Page EC33	....	Fan Belt	1	
		....	Fan Belt		1
15	813/00209	....	*Gasket	1	1
16	104/81100	....	Adapter	1	
17	ATJ1001 AEC350 988/00169	Superseded Superseded	Nut	2	2
18	LWN206 1416/0006	Superseded	Washer	2	2
19	L15/49	....	Silencer	1	
20	103/76700 102/77900 106/65311 106/65307	Superseded Superseded Superseded	Silencer		1
21	ATJ3533	....	Breather Pipe		1
22	80K6058	....	Hose		1
23	HCS114 GHC709 2201/0006	Superseded Superseded	Clip		2
24	106/65312	....	Extension-Exhaust		1

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 28 T	QTY. 28 TD
1	AJK5 78G1300	Superseded	Decarbonising Gasket Set		1	1
2	78G1198	....	Supplementary Gasket Set		1	
	78G1331	....	Supplementary Gasket Set			1

EC 30 FUEL FILTER TRAP

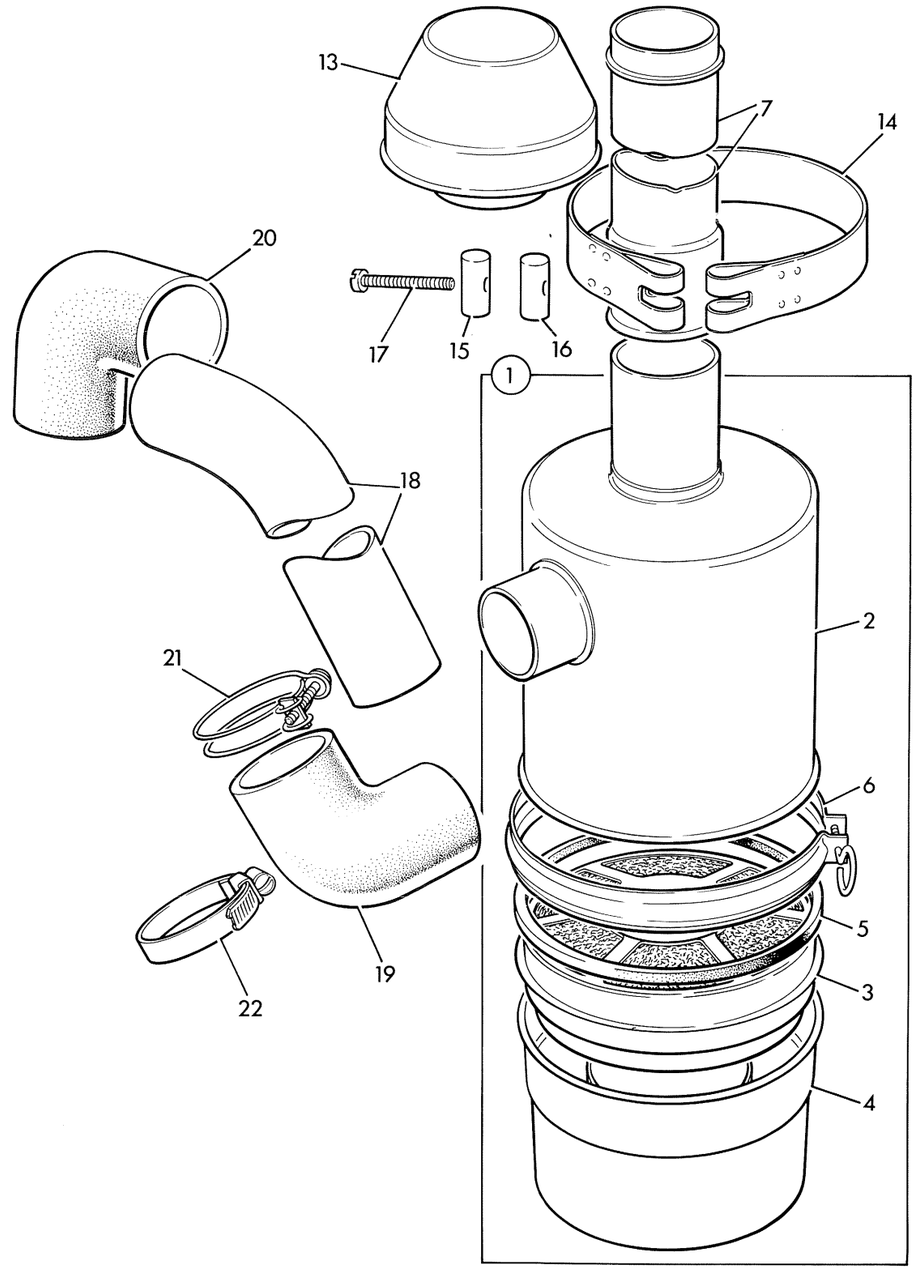
5047

110M **ISSUE** 4



5047

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
15	ATJ3097	....	Filter Bowl	Comprises items 16 to 23	1
16	27H2267	....	:Filter Head	....	1
17	27H2268 236891	Superseded	:Bowl	....	1
18	27H2269 988/00019	Superseded	:Retaining Clip	....	1
19	27H2270 27H9272	Superseded	:Valve Assembly	....	1
20	27H2271	....	::'O' Ring	....	1
21	27H1330	....	:Rubber Washer	....	1
22	27H2272	....	:Filter Screen	....	1
23	27H2273	....	:Screw	....	1
24	ATJ3096	....	Mounting Bracket	....	1
25	HZS0505 1305/0103	Superseded	Bolt	....	2
26	FNZ105 1416/0005	Superseded	Nut	....	2
27	LWN205 1416/0005	Superseded	Washer	....	2
28	HZS0506 1305/0104	Superseded	Bolt	....	2
29	LWN205 1416/0005	Superseded	Washer	....	2
30	804/00044 816/00090	Superseded	Adapter	....	1
31	1403/0002	....	Washer	....	1
32	647/00300	....	Hose	....	As Reqd
33	G34/4	....	'O' Clip	....	2
	900/00011	....	Tap	....	1
	202/26004 816/00262	Superseded	Adapter	....	1

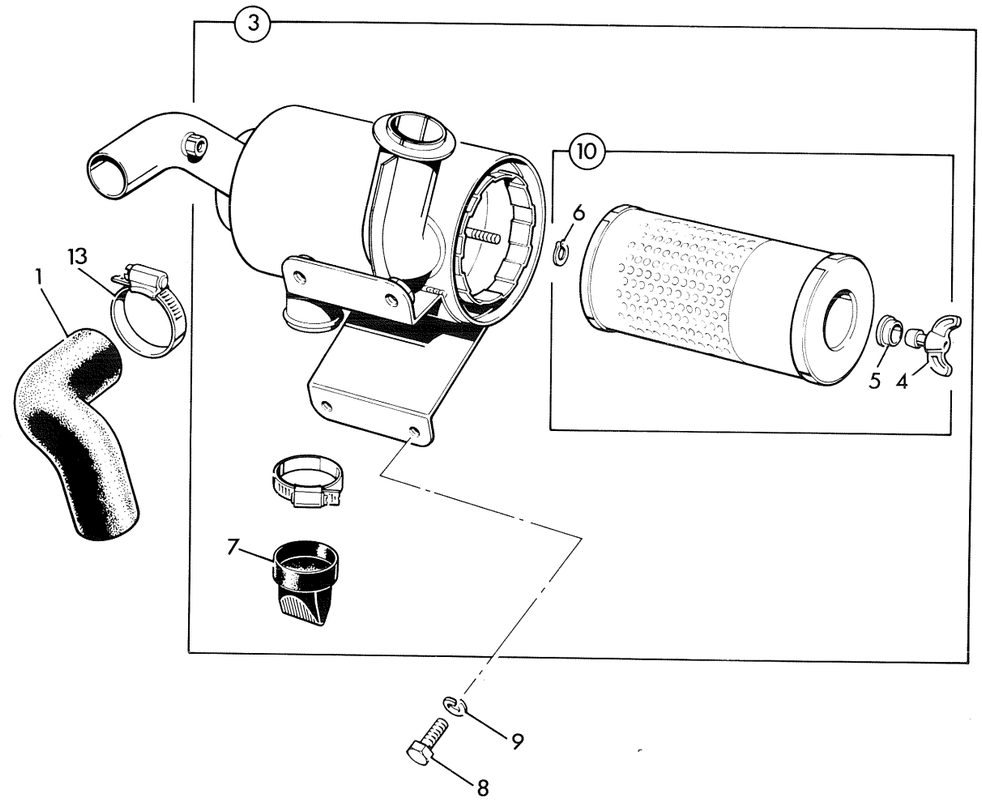


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ3106	....	Air Cleaner	....	1
2	N.S.P.	....	:Body	Was 27H2274	1
3	988/00020	....	:Element	Was 27H2275	1
4	N.S.P.	....	:Container	Was 27H2276	1
5	17H1261	....	:Gasket	....	1
6	27H2277	....	:Clamp	....	1
7	NT8369	....	Extension	....	1
13	NT6491	....	Pre-Cleaner	....	1
14	NT8281	....	Strap	....	1
15	AMK802	....	Pin	....	1
16	AMK158	....	Pin-Screwed	....	1
17	PMZ532	....	Screw	....	1
18	ATJ3109	....	Pipe	....	1
19	ATJ3107	....	Hose	....	1
20	ATJ3108	....	Hose	....	1
21	HCS2228	....	Clip	....	2
22	HCS1622 2201/0012	Superseded	Clip	....	2

EC 31–1 AIR CLEANER

5048

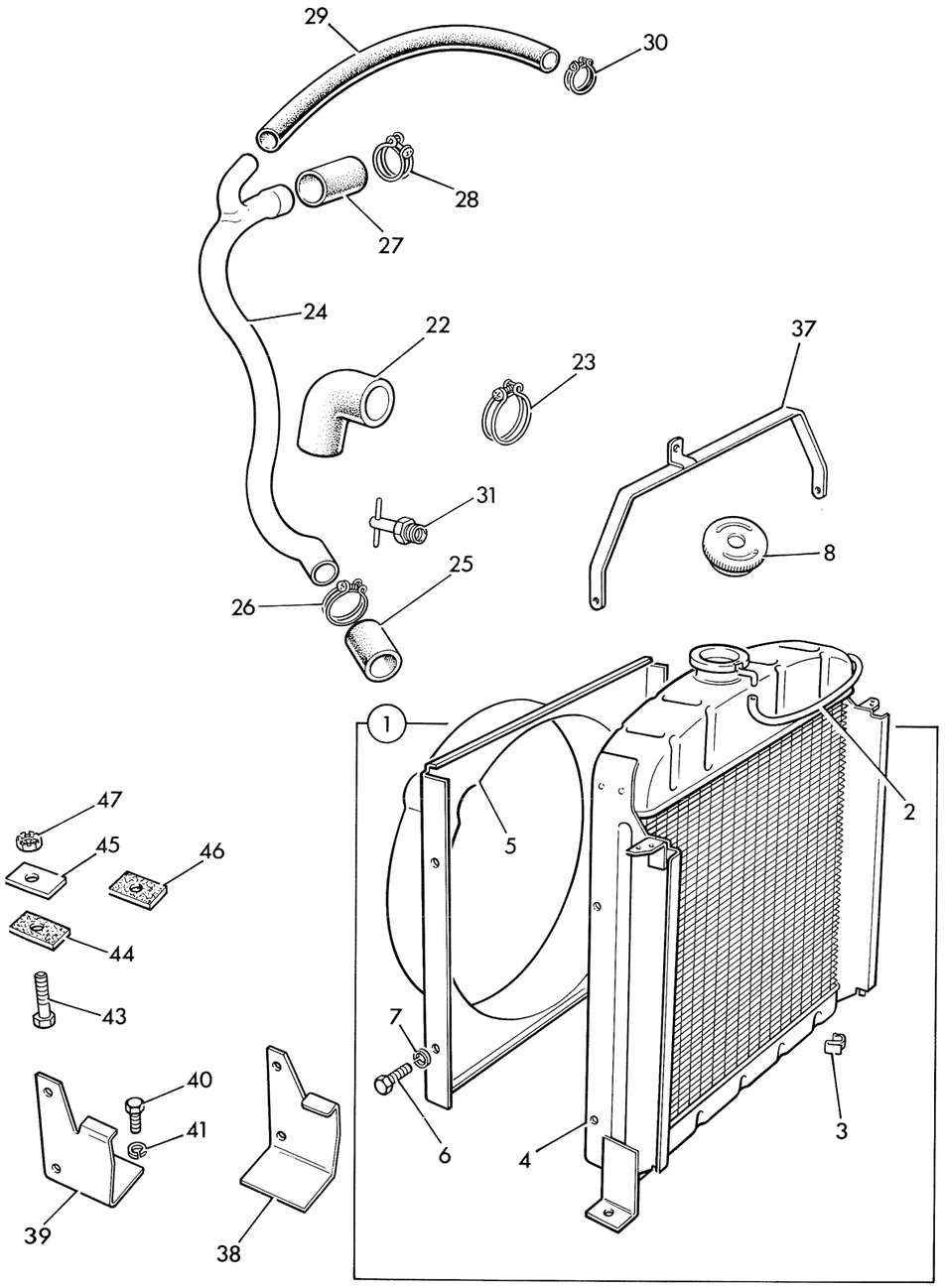
110M **ISSUE** 4



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
1	102/40002	....	Hose	....		1
2	G42/2 GHC1622 2201/0012	Superseded Superseded	Clip	....		2
3	N.S.P.	....	Air Cleaner	Was ATJ3441 See TI K73/H,K70/E		1
10	37H2004 988/00031	Superseded	:Element	....		1
4	37H1497	....	::Wing Nut	....		1
5	N.S.P.	....	::Washer	....		1
6	37H1498	....	::Circlip	....		1
7	37H1495	....	::Dust Valve	....		1
8	1305/0204	....	Bolt	....		4
9	1416/0006	....	Washer	....		4

EC 32 RADIATOR & HOSES

110M **ISSUE** 5*

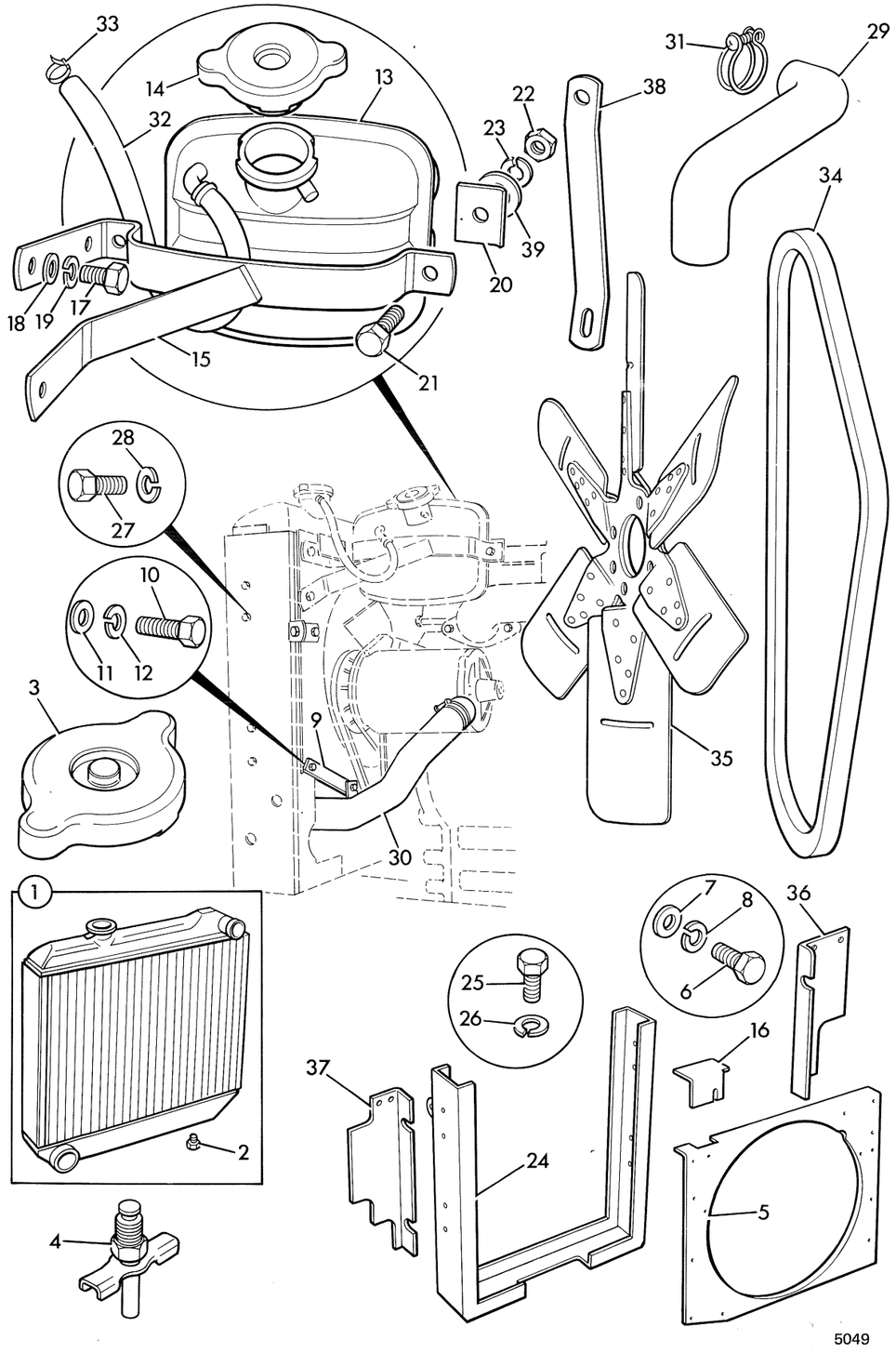


5182

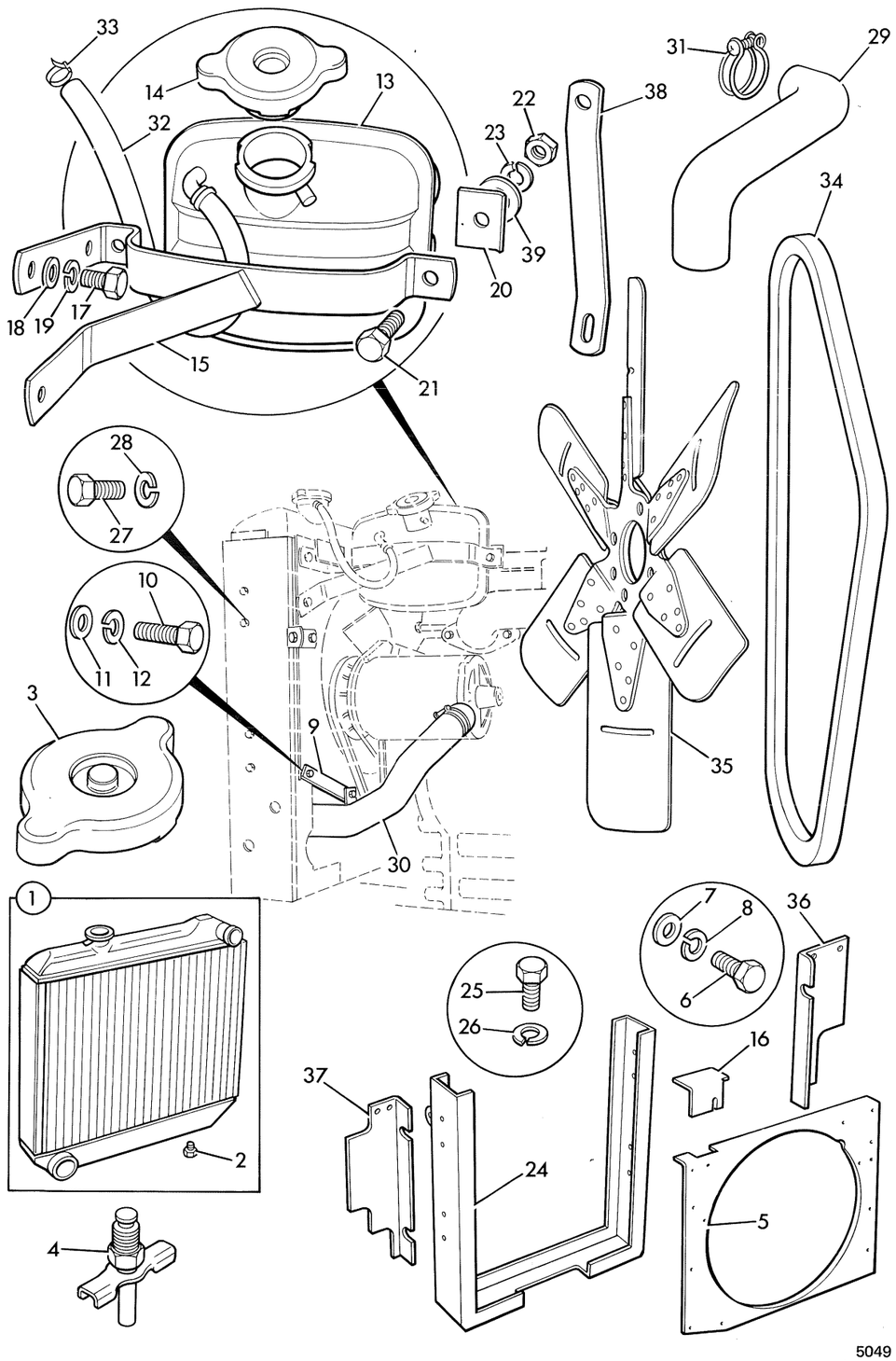
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
1	N.S.P.	....	Radiator	Was ARJ29	1	
2	ARJ690	....	:Pipe	....	1	
3	ARA951	....	:Clip	....	2	
4	ARJ692	....	:Radiator	....	1	
5	ARJ685	....	:Cowl	....	1	
6	HNS0405 1305/0003	Superseded	:Bolt	....	4	
7	LWZ204 1416/0004	Superseded	:Washer	....	4	
8	ATJ2012 GRC115	Superseded	Cap	....	1	
22	ATJ74	....	Top Hose	....	1	
23	HCS1622 GHC1622 2201/0012	Superseded Superseded	Clip	....	2	
24	NT7396	....	Pipe	....	1	
25	NT8178	....	Bottom Hose	....	1	
26	HCS1217 GHC1217 2201/0010	Superseded Superseded	Clip	....	2	
27	NT6721	....	Hose	....	1	
28	HCS1622 GHC1622 2201/0012	Superseded Superseded	Clip	....	2	
29	NT6961	....	Hose	....	1	
30	HCS913 2201/0008	Superseded	Clip	....	2	
31	02/300094	....	*Drain Tap	....	1	
37	ATJ75	....	Bracket	....	1	
38	NT5855	....	Bracket L.H.	....	1	
39	NT5856	....	Bracket R.H.	....	1	
40	HZS0608 1305/0206	Superseded	Bolt	....	6	
41	LWZ206 1416/0006	Superseded	Washer	....	6	
43	ATJ1010	....	Bolt	....	2	
44	NT5362	....	Pad	....	2	
45	NT1426	....	Washer	....	2	
46	NT5361	....	Pad	....	2	
47	FNZ306	....	Nut	....	2	

EC 33 RADIATOR & FITTINGS

110M **ISSUE** 9*

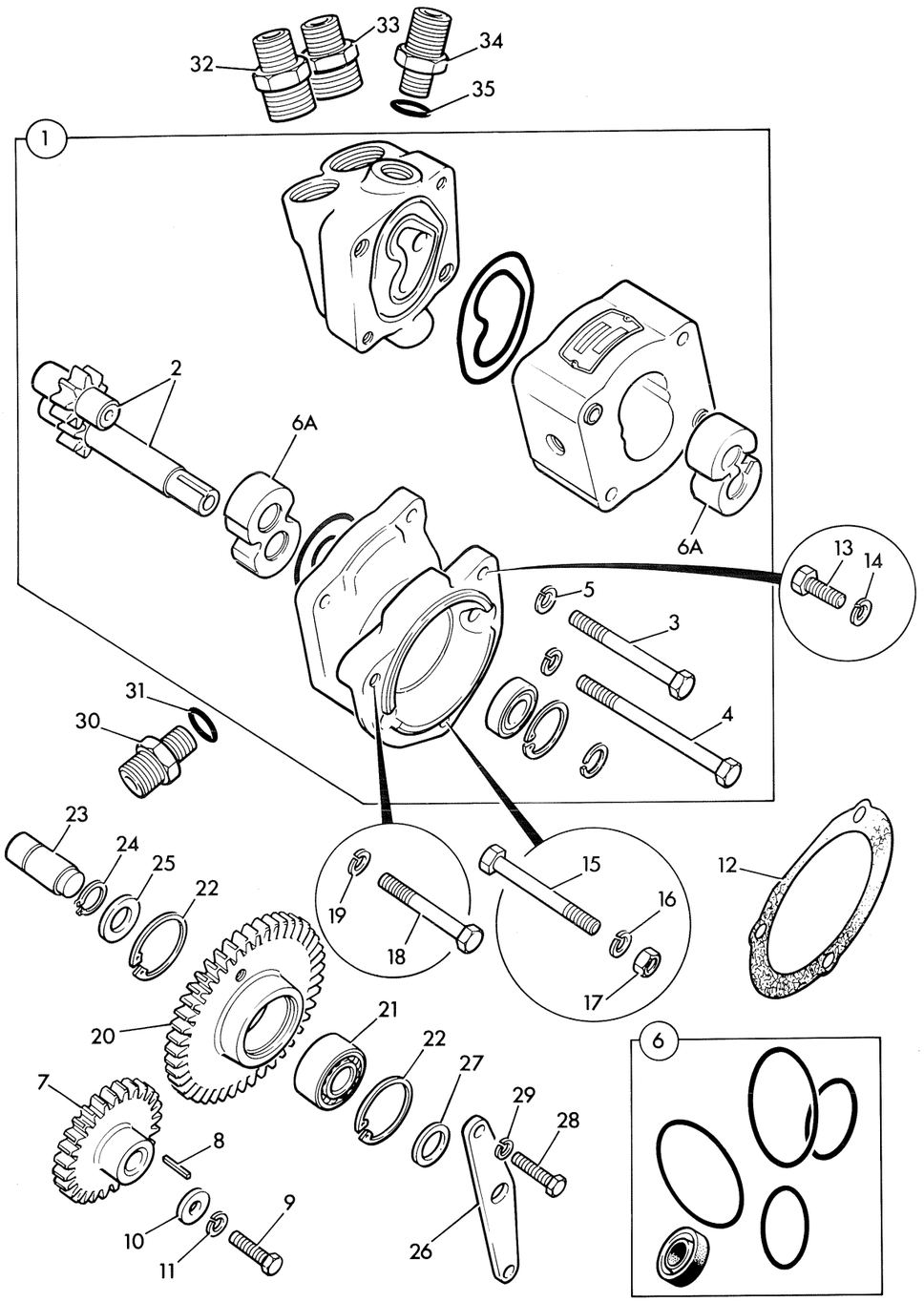


ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
1	ARJ41 ARJ53 CTJ6381	Superseded Superseded	*Radiator	....		1
2	ARA1618	....	:Drain Plug	....		1
3	ARA1629 ARK1045 GRC201 ARJ836	Superseded Superseded To T135001	*Filler Cap	Radiator		1
4	ATJ3489	....	Tap	....		1
5	ATJ3169	....	Cowl	....		1
6	1305/0002 1305/0002	Superseded	*Bolt	....		7
7	PWZ104 1411/0001	Superseded	Washer	....		7
8	LWZ204 1416/0004	Superseded	*Washer	....		7
9	ATJ3171		Plate	....		1
10	HZS0404 1305/0002	Superseded To T135001	*Bolt	....		2
11	PWZ104 1411/0001	Superseded	*Washer	....		2
12	LWZ204 1416/0004	Superseded	*Washer	....		2
13	ARC53 ATJ3772 200/59402	To T135001 Superseded	Tank	....		1
14	ARH1713 GRC106 GRC109 ATJ3773 200/59403	Superseded Superseded To T135001 Superseded	*Cap	Expansion Tank		1
14A	ATJ3775 200/59404	Superseded	*Grommet	....		1
15	ATJ3172 206/05005	To T135001	*Bracket	....		1
16	ATJ3175	....	Plate	....		1
17	HZS0404 1305/0208	Superseded To T135001	*Bolt	....		3
18	PWZ104 1411/0001	Superseded To T135001	*Washer	....		1
19	LWZ204 1340/0203	Superseded To T135001	Washer	....		3
20	ATJ3176		Clamp	....		2



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD 28 T	28 TD
21	HZS0406 1305/0004	Superseded To To T135001	Bolt	....		2
22	FNZ104		Nut	....		2
23	LWZ305		Washer	....		2
24	106/40003 ATJ3609 ATJ3692 CTJ5410	Superseded To T135001 Superseded	Frame	....		1 pr
25	HZS0608 1305/0206	Superseded	Bolt	....		4
26	LWZ206 1416/0006	Superseded	Washer	....		4
27	HZS0505 1305/0103	Superseded	Bolt	....		7
28	LWZ505	....	Washer	....		7
29	ATJ3177	....	Hose-Top	....		1
30	ATJ3178 ATJ3539 103/65001	To T107322	Hose-Bottom Hose-Bottom	.... Use when heater is fitted		1 1
31	HCS1217 GHS1217 2201/0010	Superseded Superseded	Clip	....		4
32	BTJ2779 37H3779 GRH1002M GRH1005M	Superseded Superseded	Pipe	....		1
33	ACB8744	To T135001	Clip	....		2
34	13H3905 988/00013 BMK977 990/38800	Superseded To E1529 Superseded	Belt	....		1
35	37D2549 83H245 988/00040	Superseded Superseded	Fan	....		1
36	102/40006 106/40010	To M21480	Plate R.H.	....		1
37	102/40007 106/65003	To M21480	Plate L.H.	....		1
38	ATJ3537	....	Brace	....		1
39	PWZ106 1411/0003	Superseded	Washer	....		3
40	106/65302	....	Baffle Plate-Top	....		1

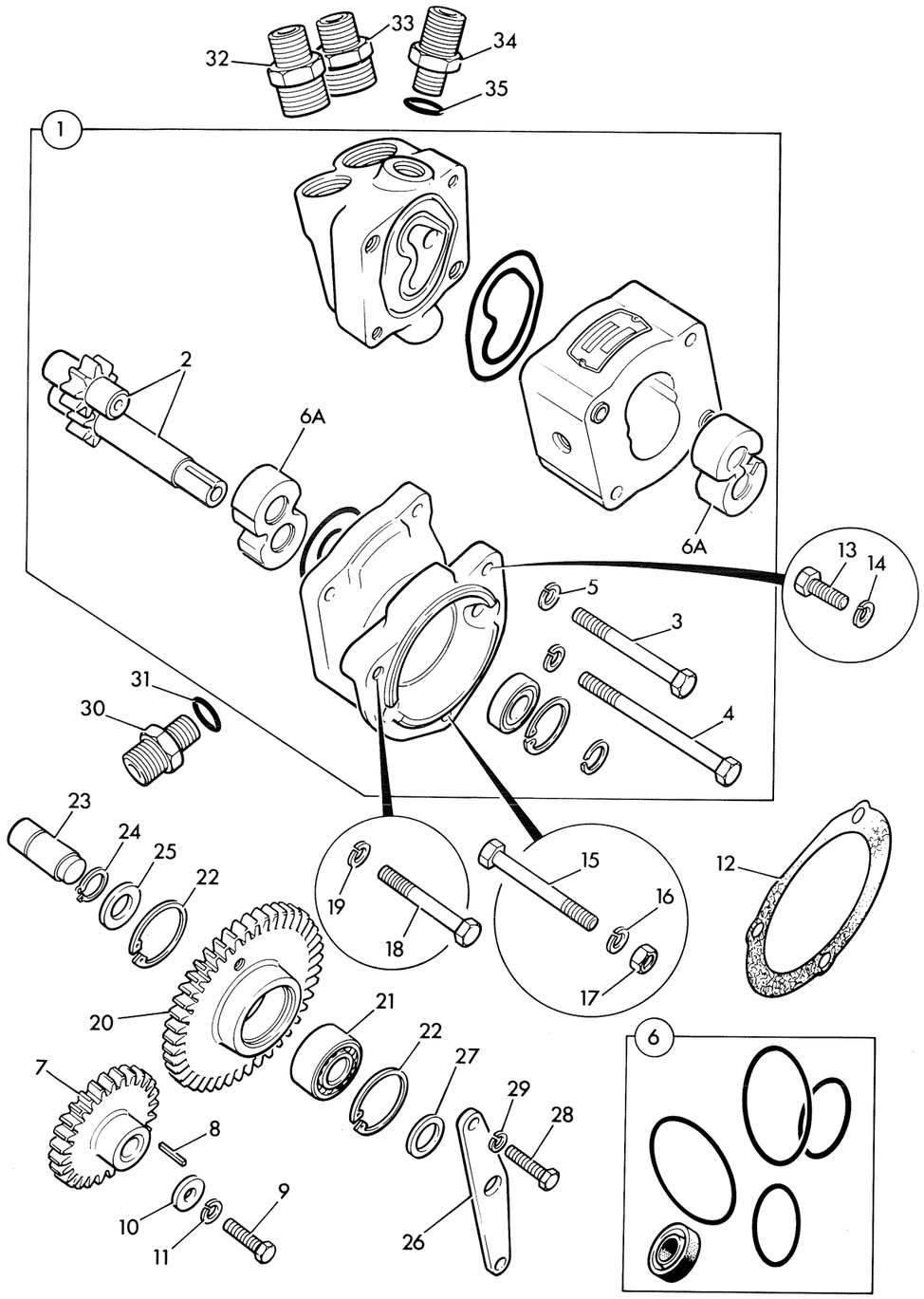
EC 34 POWER STEERING PUMP



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
1	13H4154 13H5306 13H5306R	Superseded Superseded	Pump		1
2	37H1429	....	:Gear		1 pr
3	HCZ0624 1305/4722	Superseded	:Bolt-Short		2
4	HCZ0632 1305/4730	Superseded	:Bolt-Long		2
5	LWN206 1416/0006	Superseded	:Washer		4
6	18G8275	....	:Kit		1
6A	20/200403	....	:Bearing		2
7	37D2134 988/00137	Superseded	Gear		1
8	446/21503	....	*Key		1
9	1305/1605	....	Bolt		1
10	02/300010	....	*Washer		1
11	LWN305 1416/0005	Superseded	Washer		1
12	CMK561 988/00112	Superseded	Gasket		1
13	HNS0609 1305/0207	Superseded	Bolt		1
14	LWN306 1416/0006	Superseded	Washer		1
15	HBN0626 1305/3224	Superseded	Bolt		1
16	LWN306 1416/0006	Superseded	Washer		1
17	FNN506 1340/0201	Superseded	Nut		1
18	HCN0622 1305/4720	Superseded	Bolt		1
19	LWN306 1416/0006	Superseded	Washer		1
20	CMK489 988/00138	Superseded	Idler Gear		1
21	AMK1535 988/00178	Superseded	Bearing		1
22	AMK934 826/00580	Superseded	*Circlip		2

EC 34 POWER STEERING PUMP

110M **ISSUE** 7*

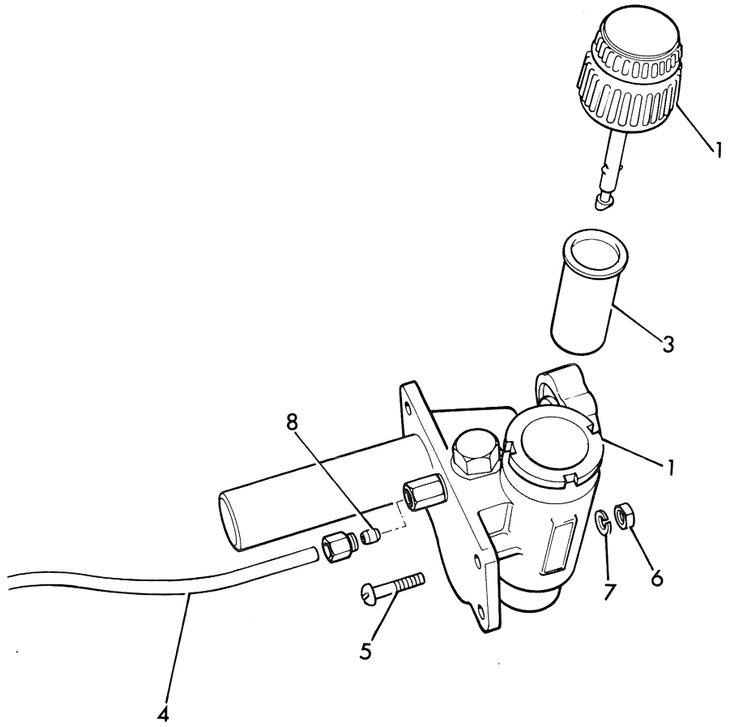


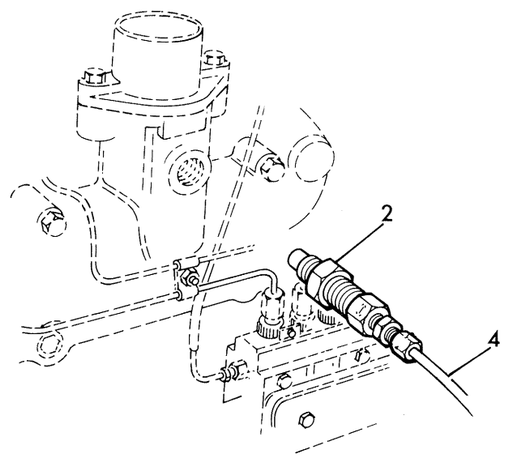
ITEM	PART No.	CHANGE No.	DESCRIPTION				QTY. OFF BUILD 28 T	28 TD
23	02/300011	....	*Spindle	....	....	....		1
24	826/00581	....	*Circlip	....	....	....		1
25	02/300012	....	*Collar	....	....	....		1
26	02/300013	....	*Plate	....	....	....		1
27	02/300014	....	*Collar	....	....	....		1
28	1305/0106	....	Bolt	....	....	....		2
29	1416/0005	....	Washer	....	....	....		2
30	816/00040 816/00192	To M52478	Adapter	....	....	....		1
31	2401/0505	....	:'O' Ring	....	....	....		1
32	816/00034	....	Adapter	....	....	....		1
33	816/00038	....	Adapter	....	....	....		1
34	816/00040 816/00192	To M52478	Adapter	....	....	....		1
35	2401/0505	....	'O' Ring	....	....	....		1
36	37H4904 37H4907	To T130623	Poppet	....				1
37	37H4905 37H4908	To T130623	Spring			Not illustrated		1
38	37H4906 37H4910	To T130623	Plug1					
39	37H4909	....	Seal	....				1

5050

EC 35 COLD START DEVICE 5183

110M **ISSUE** 3

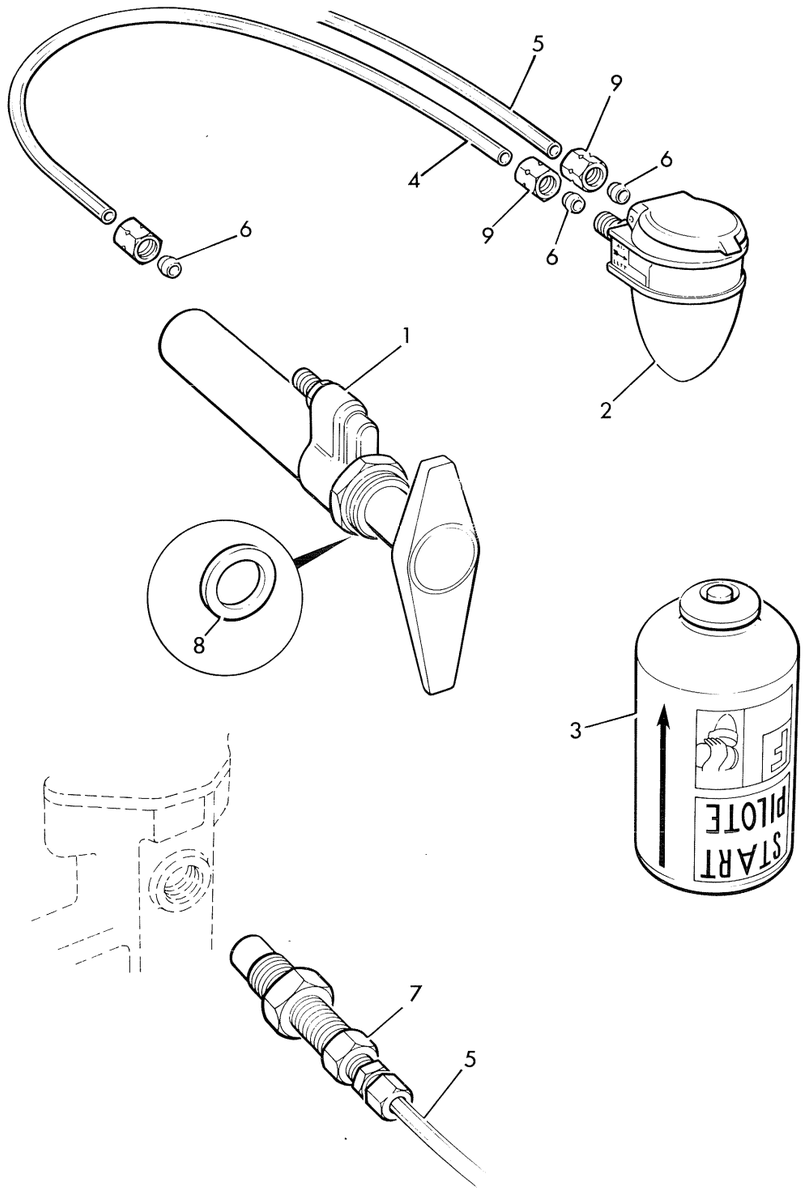




ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	41K2114	....	Cold Start Device	....	1
2	41K2118	....	Nozzle	....	1
3	107/40004	....	Capsule	....	As Reqd
4	647/00101 647/00100	Superseded	Tube	....	1
5	PMZ0312	....	Screw	....	4
6	FNZ103	....	Nut	....	4
7	LWZ203	....	Washer	....	4
	41K2117 988/00035	Superseded	Olive	....	2

EC

Page EC35-1



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD 28 T	28 TD
	106/82300		Cold Start Pilot		1
1	253/12700		:Pump		1
2	253/12800		:Reservoir		1
3	253/12601		:Can		1
4	647/00100		:Tube 12in.Long to M61767 25in.Long M61768 on		1
5	647/00100		:Tube 71in.Long To M61767 84in.Long M61767 on		1
6	41K2117 988/00035	Superseded	:Olive		4
7	41K2118		:Nozzle		1
8	823/00056		:Washer		2
9	253/12801		:Nut		2

End of Section EC

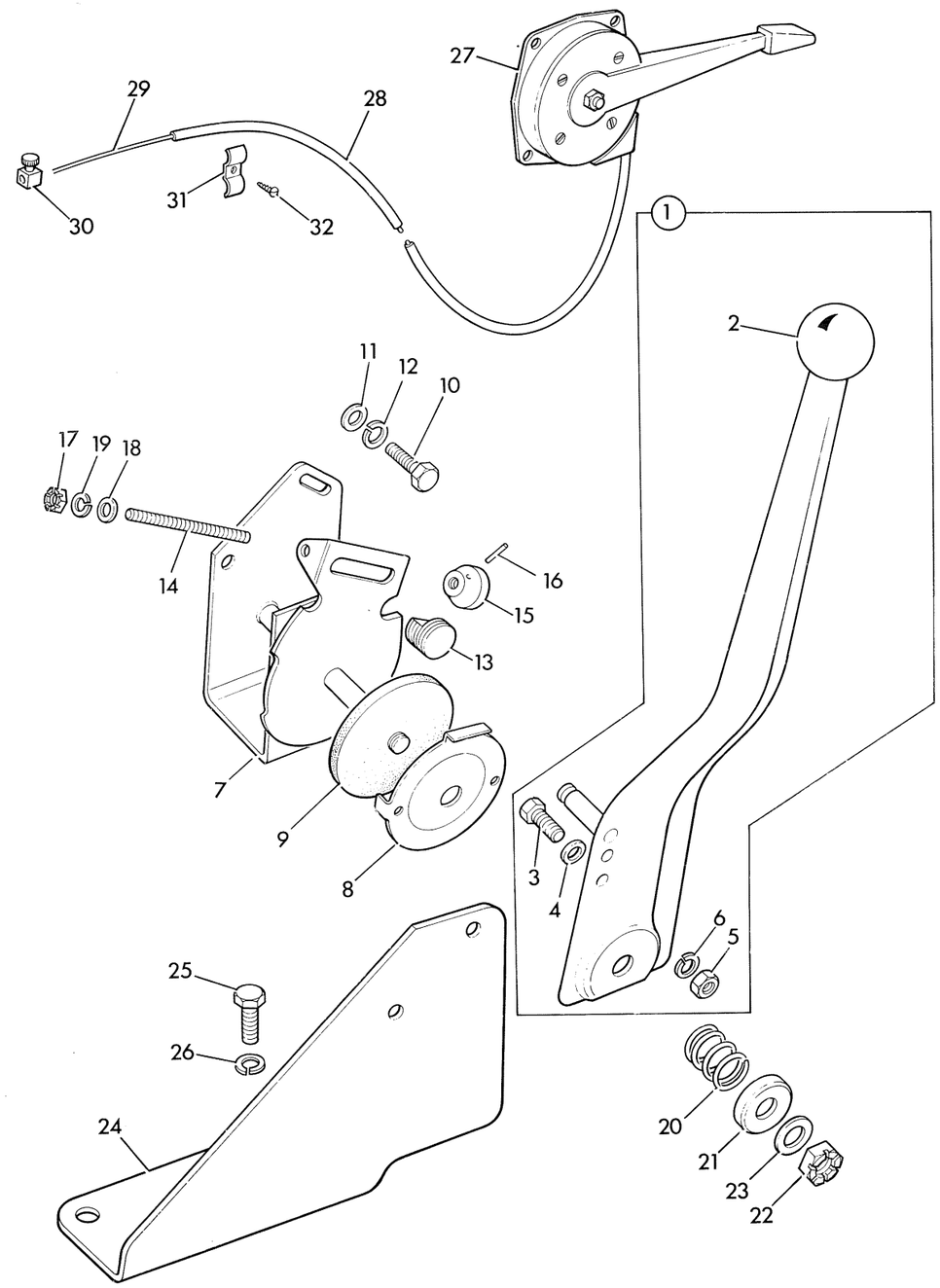
MA

Throttle Linkage

Page MA2 to MA3-4

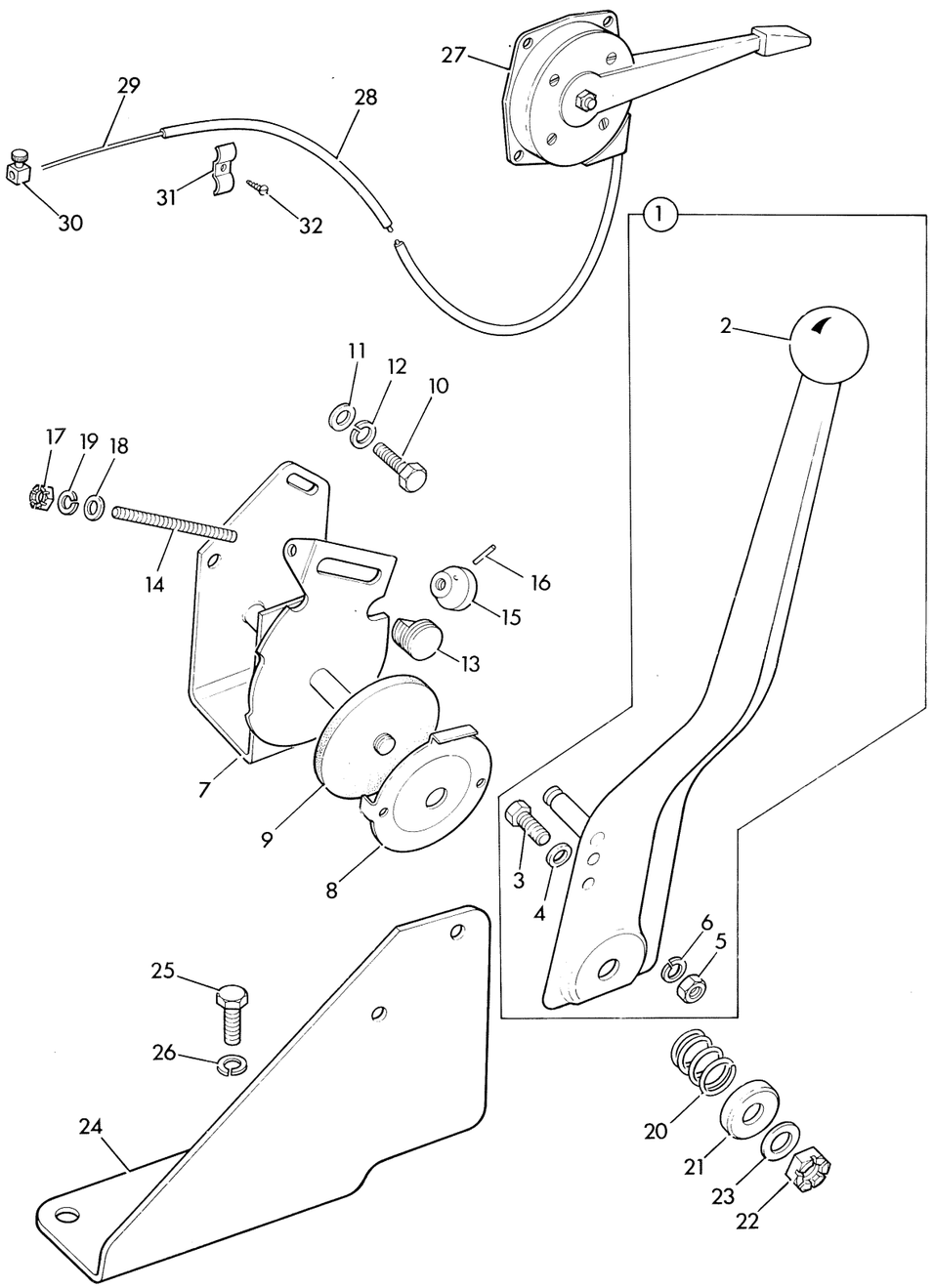
Description	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
*Hand Throttle	MA2 E498NT7442 MA3-3	MA2 E498NT7442 MA3-3 MA3-4	MA E498NT7442 MA3-3 MA3-4	MA2 E498NT7442 MA3-3 MA3-4	MA2 E498NT7442 MA3-3 MA3-4	MA2 E498NT7442 MA3-3	MA2 E498NT7442 MA3-3	MA2 E498NT7442 MA3-3 MA3-4
*Throttle Linkage	MA3 T98999 MA3-1 M21617 MA3-2	MA3-2 E498NT7442 MA3-3 MA3-4	MA3 T98999 MA3-1 M46853 MA3-2 E498NT7442 MA3-3 MA3-4	MA3 T98999 MA3-1 M46853 MA3-2 E498NT7442 MA3-3 MA3-4	MA3 T98999 MA3-1 M46853 MA3-2 E498NT7442 MA3-3 MA3-4	MA3	MA3-1 M46853 MA3-2 E498NT7442 MA3-2 E498NT7442 MA3-3 MA3-3 MA3-4	

MA 2 THROTTLE CONTROL LEVER



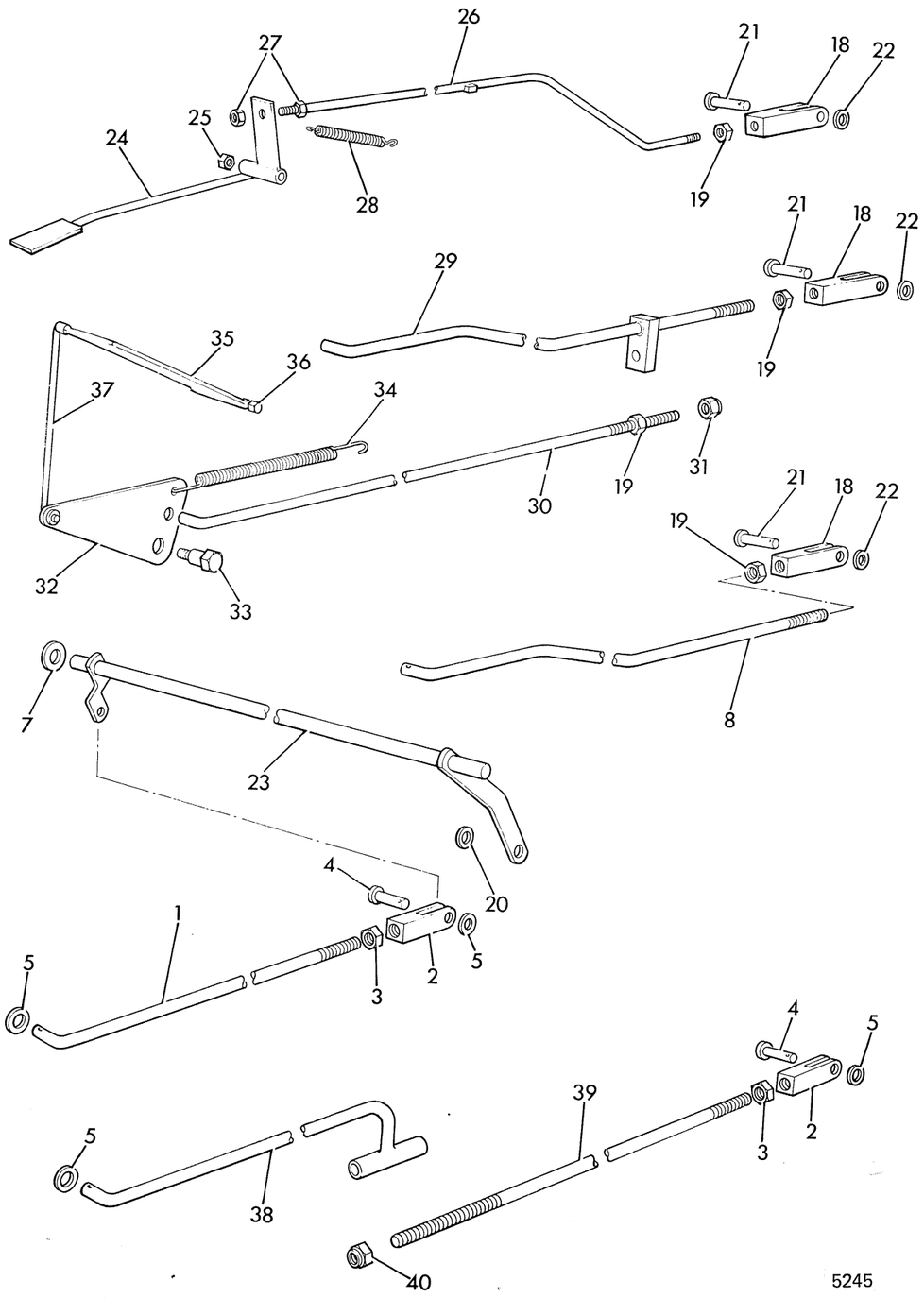
5244

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 4333	....	THROTTLE LEVER - JCB 2 and 3.	....	1
	104/85204	....	THROTTLE LEVER - JCB 3C and 4C.	....	1
2	NT 1625	....	:Knob	....	1
3	HNS 0505 1305/0103	Superseded	*:Screw-Stop	....	1
4	PWZ 105 WA 108051	Superseded	*:Washer	....	1
5	FNZ 105 1340/0101	Superseded	*:Nut	....	1
6	LWZ 205 1416/0005	Superseded	*:Washer	....	1
7	ATJ 3127	....	Bracket	....	1
8	NT 5203	....	Friction Plate	....	1
9	NT 5926	....	Friction Disc	....	1
10	HNS 0506 1305/0104	Superseded	*Bolt	....	1
11	PWN 105 1411/0002	Superseded	*Washer	....	2
12	LWN 205 1416/0005	Superseded	*Washer	....	2
13	NT 5679	....	Adjustable Stop	....	1
14	NT 5681	....	Adjusting Screw	....	1
15	NT 5680	....	Nut	....	1
16	NT 3164	....	Pin	....	1
17	FNZ 304 1340/0005	Superseded	*Nut	....	1
18	PWZ 104 1411/0001	Superseded	*Washer	....	1
19	AJD 7722N	....	Washer	....	1
20	ATJ 3065	....	Spring	....	1
21	N.S.P.	....	Washer	Was NT 2455	1
22	FNZ 306 1340/0205	Superseded	*Nut	....	1
23	PWN 106 1411/0003	Superseded	*Washer	....	1
24	104/85208	....	Plate	....	1
25	HNS 0606 1305/0204	Superseded	*Bolt	....	2
26	LWN 206 1416/0006	Superseded	*Washer	....	2



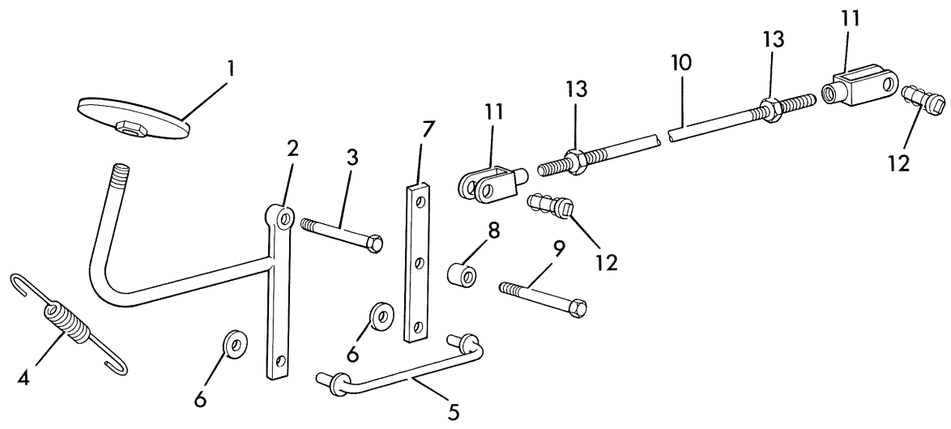
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
27A	990/06900	....	THROTTLE LEVER ASSEMBLY (5 ft).	....	1
	106/60500	....	THROTTLE LEVER ASSEMBLY (2ft.6in).	....	1
27	N.S.P.	....	:Lever-Was 815/00052	Use with 103/28700	1
	N.S.P.	....	:Lever-Was 202/34701	Use with 990/06900 106/60500	1
28	N.S.P.	....	:Outer Cable	Was 103/28702	1
	N.S.P.	....	:Outer Cable 5ft Long	Was 990/06901	1
	N.S.P.	....	:Outer Cable 2ft6in Long	Was 106/60501	1
29	103/28701	....	:Inner Cable	Use with 103/28700	1
	990/06902	....	:Inner Cable	5ft Long	1
	106/60502	....	:Inner Cable	2ft6in long	1
30	202/17302	....	:Nipple	....	1
31	815/00043	....	Clip	....	4
32	G88/0 1430/1101	No/Con.	Screw	....	8

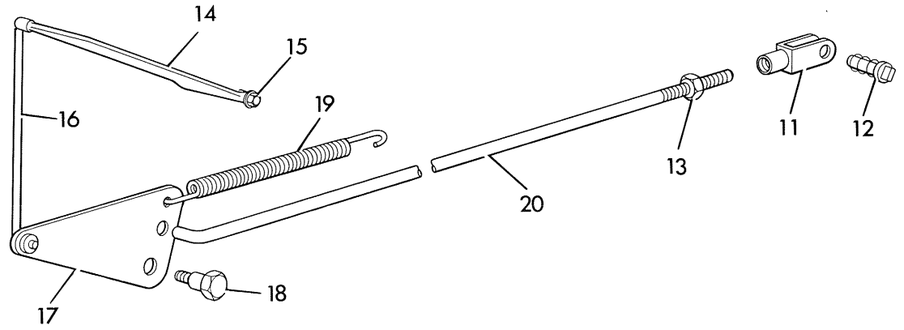
MA 3 THROTTLE LINKAGE

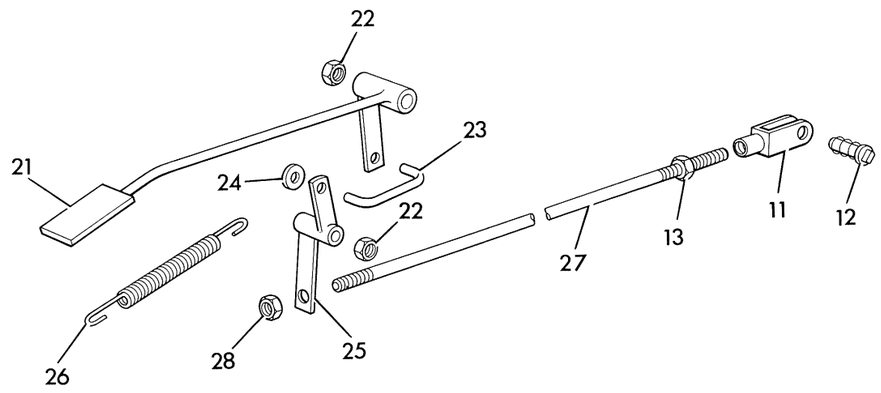


ITEM	PART No.	CHANGE No.	DESCRIPTION	2	3	3C	3D	4C
1	NT 6602	....	Control Rod	1	1			
2	NT 6601	....	Clevis	1	1	1	1	1
3	FNN 204 1340/0001	Superseded	Locknut	1	1	1	1	1
4	CLZ 412	....	Clevis Pin	1	1	1	1	1
5	PWZ 104 1411/0001	Superseded	Washer	2	2	2	2	2
7	PWZ 105 WA 108051	Superseded	Washer	1	1	1	1	1
8	ATJ 3112	....	Control Rod	1	1			
18	NT 6601	....	Clevis	1	1	1	1	1
19	FNN 204 1340/0001	Superseded	Locknut	1	1	1	1	1
20	PWZ 104 1411/0001	Superseded	*Washer	1	1	1	1	1
21	CLZ 412	....	Clevis Pin	1	1	1	1	1
22	PWZ 104 1411/0001	Superseded	Washer	1	1	1	1	1
23	ATJ 3082	....	Cross Shaft	1	1	1	1	1
24	103/38200	....	Throttle Pedal				1	
25	1340/0003	....	Nut				1	
26	103/38700	....	Pull Rod				1	
27	1340/0002	....	Locknut				2	
28	103/37010	....	Return Spring				1	
29	ATJ 3085	....	Control Rod			1		1
30	104/85206	....	Pull Rod			1		1
	G14/13 1411/0001	Superseded	Washer			2		2
	G3/8 2103/0706	Superseded	Split Pin			2		2
31	1340/0003	....	Locknut			1		1
32	106/40902	....	Bellcrank			1		1
33	106/40904	....	Pivot Bolt			1		1
34	104/85209	....	Return Spring			1		1
35	104/85300	....	Throttle Pedal			1		1
36	1305/3038	....	Bolt			1		1
	1340/0003	....	Nut			1		1
37	106/40901	....	Push Rod			1		1
38	104/85700	....	Lost Motion Link			1		1
39	104/85205	....	Hand Throttle Rod			1		1
40	1340/0003	....	Locknut			1		1

MA 3–1 THROTTLE LINKAGE

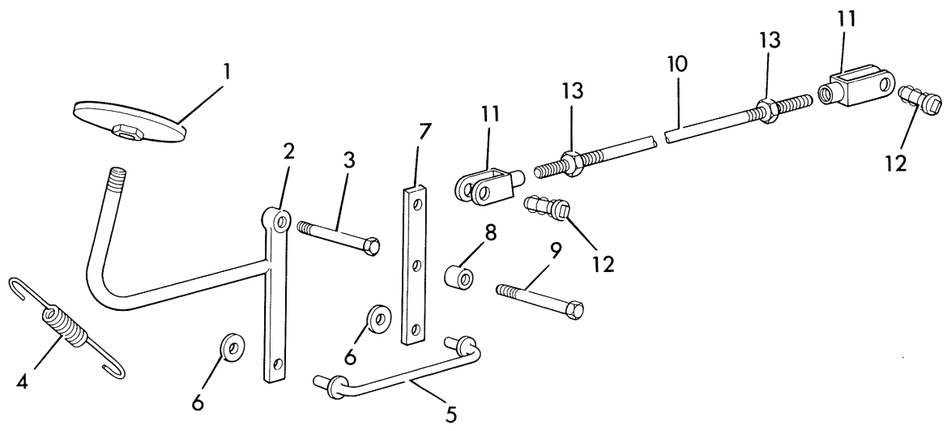


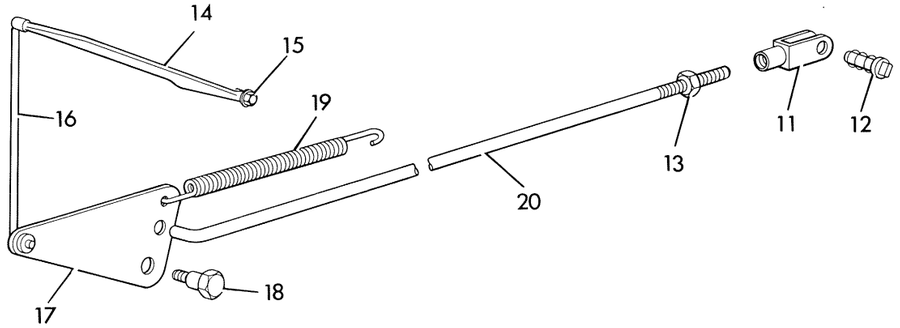


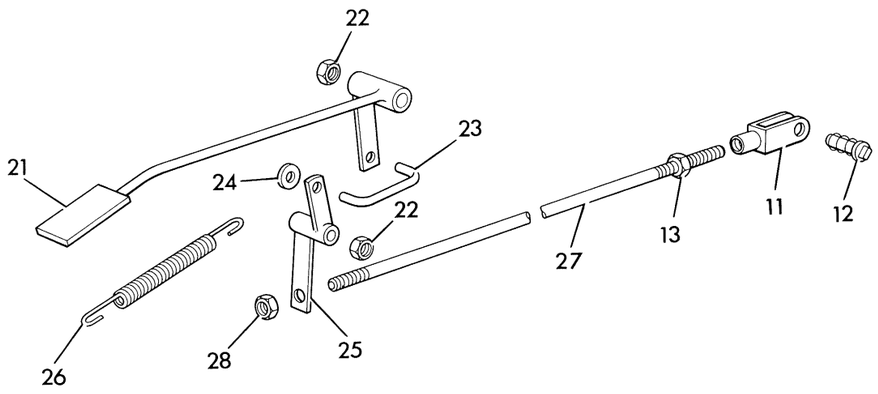


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	107/30300	....	Pedal Pad	....	1
2	107/30500	....	Throttle Pedal	....	1
3	1305/3218	....	Pivot Bolt	....	1
	1340/0203	....	Nut	....	1
4	107/30103	....	Spring	....	1
5	107/30400	....	Link	....	1
6	G14/46 1410/0001	Superseded	Washer	....	2
	G3/10 2103/0507	Superseded	Split Pin	....	2
7	107/30102	....	Pivot Plate	....	1
8	653/00041	....	Spacer	....	2
9	1305/3016	....	Pivot Bolt	....	1
	1340/0003	....	Nut	....	1
10	107/31100	....	Throttle Rod	....	1
11	106/42600	....	Clevis	....	2
12	106/42602	....	:Clevis Pin and Spring	....	2
13	1340/0002	....	Locknut	....	2
14	106/42300	....	Throttle Pedal	....	1
15	1305/3038	....	Pivot Bolt	....	1
	1340/0003	....	Nut	....	1
16	106/40901	....	Push Rod	....	1
	G14/46 1410/0001	Superseded	Washer	....	2
	G3/10 2103/0507	Superseded	Split Pin	....	2
17	106/40902	....	Bellcrank	....	1
18	106/40904	....	Pivot Bolt	....	1
19	106/40903	....	Spring	....	1
20	106/41800	....	Throttle Rod	....	1
21	103/75500	....	Throttle Rod	....	1
22	1340/0103	....	Nut	....	2
23	103/75005	....	Link	....	1
24	G14/46 1410/0001	Superseded	Washer	....	2
	G3/14 2103/0306	Superseded	Split Pin	....	2

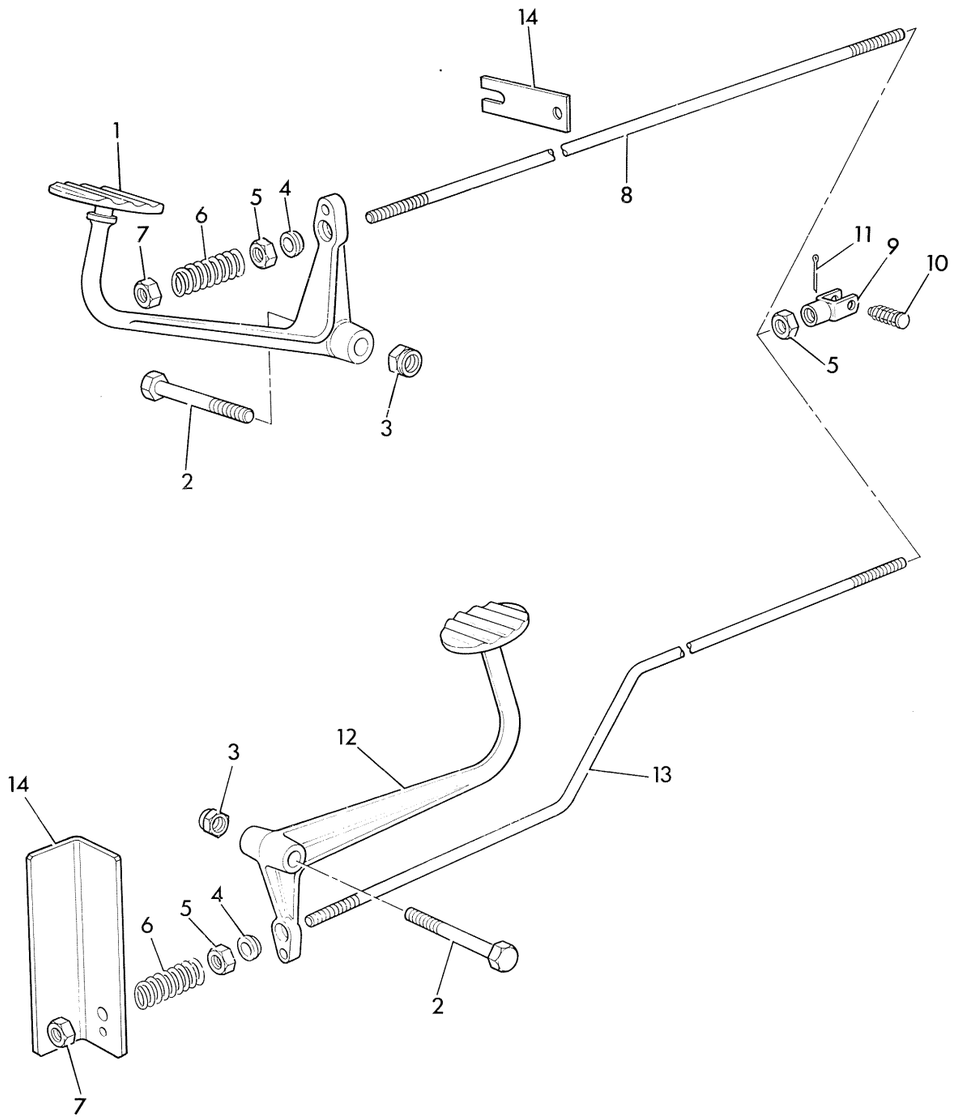
MA 3–1 THROTTLE LINKAGE





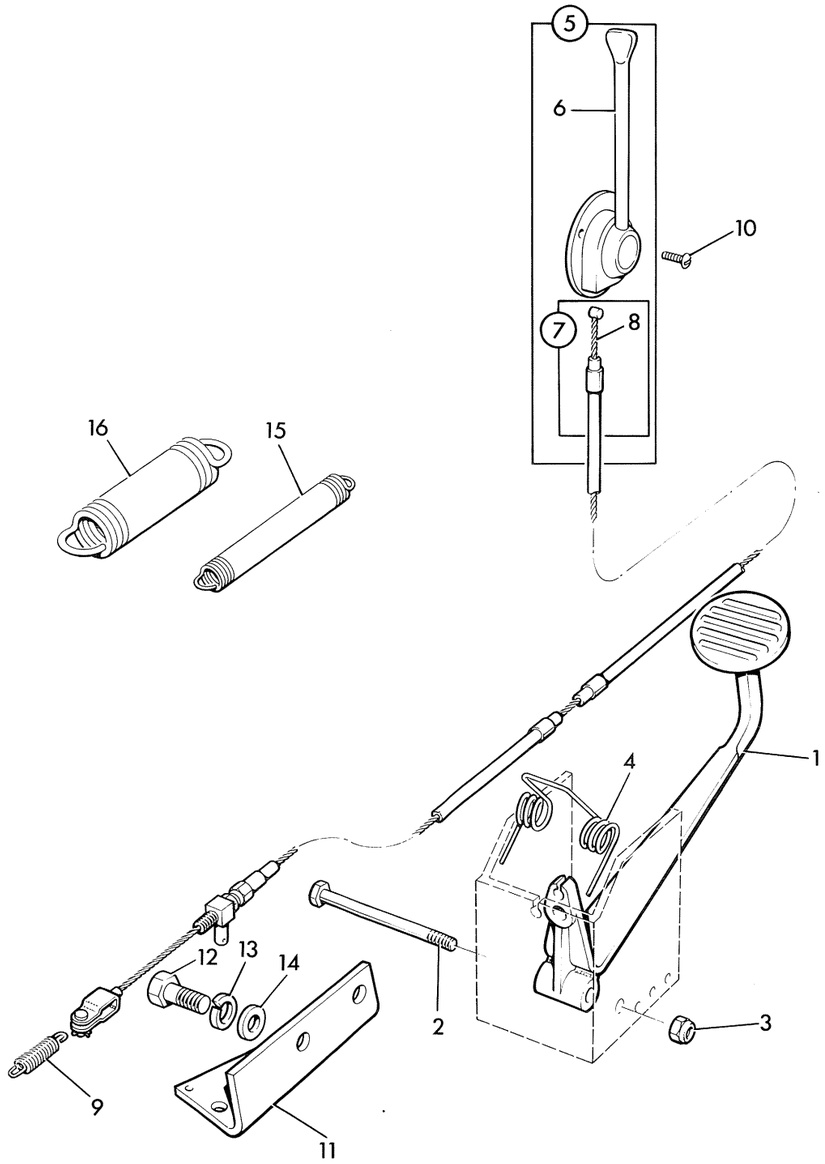


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
25	103/75600	....	Throttle Interlink	....	1
26	103/37010	....	Spring	....	1
27	103/76500	....	Throttle Rod	....	1
28	1340/0102	....	Nut	....	1
	103/65007	....	Throttle Rod Support	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	107/45001	....	Throttle Pedal	....	1
2	1305/3220 1305/3222	Superseded	Bolt	....	1
3	1340/0203	....	Nut	....	1
4	107/45002	....	Bearer	....	1
5	1340/0002	....	Nut	....	2
6	107/45003	....	Spring	....	1
7	1340/0003	....	Nut	....	1
8	102/77601	....	Throttle Rod	3cylinder 51"long	1
	107/45006	....	Throttle Rod	4cylinder 56"long	1
9	106/42600	....	Clevis	....	1
10	106/42602	....	Clevis Pin and Spring	....	1
11	2103/0306	....	Split Pin	....	4
12	108/55802	M63023 on	Throttle Pedal	Torque Converter	1
13	446/11501	....	Throttle Rod	3 cylinder	1
	446/02402 108/55801	to M63022	Throttle Rod	4 cylinder	1
14	103/65007	....	Throttle Rod Support	....	1
	108/55903	M66023 on	Throttle Rod Support	Torque Converter	1

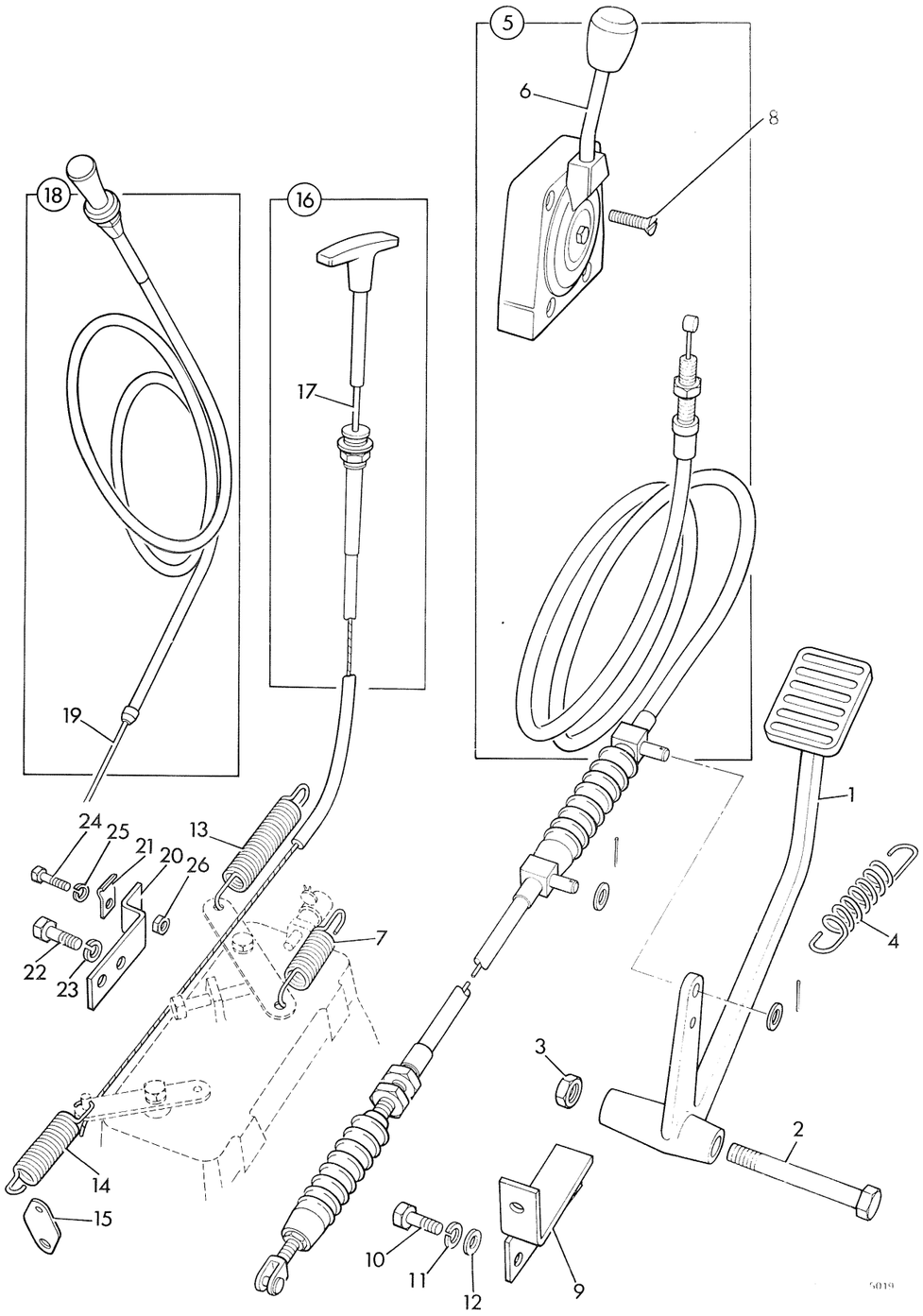
MA 3–3 THROTTLE LINKAGE



3138

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	107/49201	....	Pedal	....	1
2	1305/3230	....	Bolt	....	1
3	1340/0203	....	Nut	....	1
4	814/00123	....	Spring	....	1
5	910/08200 910/08400 910/12400	Superseded Superseded	Throttle Control	....	1
6	N.S.P. 910/08401 910/12401	To M101416 To M115300	:Lever	Was 202/34701	1
7	910/08300 910/08500 N.S.P.	To M101416 To M11300	:Cable	910/08300 N/A Use 910/12400	1
8	N.S.P.		::Inner Cable	Was 910/08501	1
9	814/00104	....	Spring	....	1
10	G880/0 1430/1101	Superseded	Screw	....	3
11	108/65602	....	Bracket	Simms Mini-mec Pump.	1
	106/65321	....	Bracket	C.A.V. D.P.A.Pump	1
12	1305/1704	....	Bolt	Simms Mini-mec Pump.	2
	1305/0204	....	Bolt	C.A.V. D.P.A.Pump	2
13	1416/0006	....	Washer	....	2
14	1411/0003	....	Washer	....	2
15	814/00124 0780099	Superseded	Return Spring	C.A.V. D.P.A.Pump	1
16	814/00106	....	Tension Spring	Simms Mini-mec Pump.	1
17	14A 2863		Spring	Stop Return	1
18	31K2294		Clip		1

MA 3–4 THROTTLE CONTROL LINKAGE



ITEM	PART No.	CHANGE No.		DESCRIPTION	REMARKS	QTY. m/c Assy.
1	108/83901	....	....	Pedal	....	1
2	1305/3230	....	....	Bolt	....	1
3	1340/0203	....	....	Nut	....	1
4	814/00151	....	....	Spring	....	1
5	910/14200	....	....	Throttle Control	....	1
6	910/12401	....	....	:Lever	....	1
7	814/00156	....	....	Spring	Correction was 814/00104	1
8	1430/1407	....	....	Screw	....	3
9	109/64100	....	....	Bracket	....	1
10	1305/0204	....	....	Bolt	....	2
11	1416/0006	....	....	Washer	....	2
12	1411/0003	....	....	Washer	....	2
13	0780099	....	....	Spring Throttle Return	....	1
14	14A2863	....	....	Spring	Stop Return	1
15	31K2294	....	....	Clip	....	1
16	910/14300	....	....	Stop Cable	....	1
17		....	....	:Inner Cable	....	1
18	910/14400	....	....	Cold Start Cable	....	1
19		....	....	:Inner Cable	....	1
20	109/64501	....	....	Bracket	Cold Start Cable	1
21	109/64502	....	....	Clip	....	1
22	1305/0202	....	....	Bolt	....	2
23	1416/0006	....	....	Washer	....	2
24	1360/0202	....	....	Bolt	....	1
25	1416/0003	....	....	Washer	....	1
26	1358/0201	....	....	Nut	....	1

End of Section MA

ISSUE 1

MF

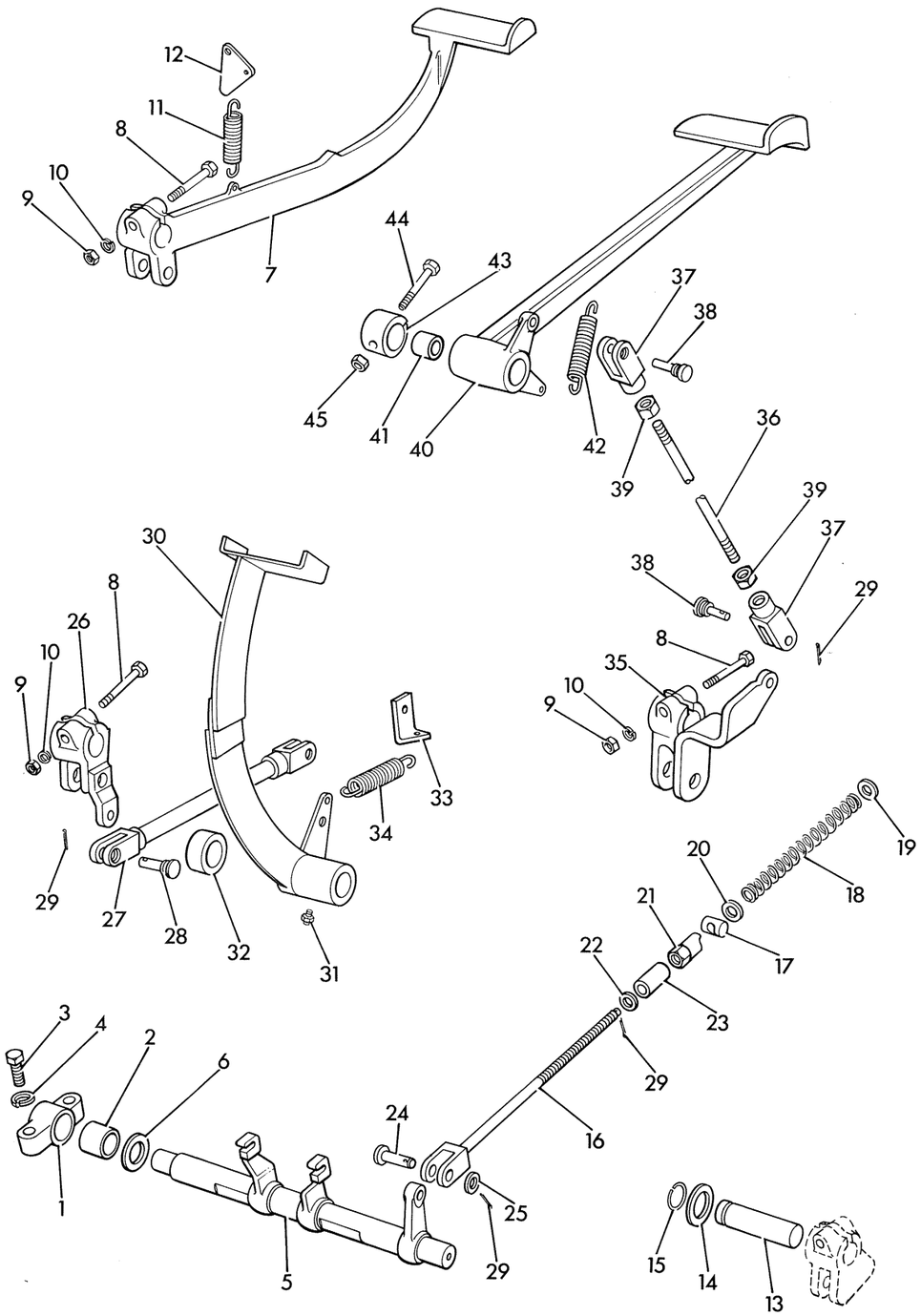
Clutch

Pages ME1 to ME2-1

PCA 110M

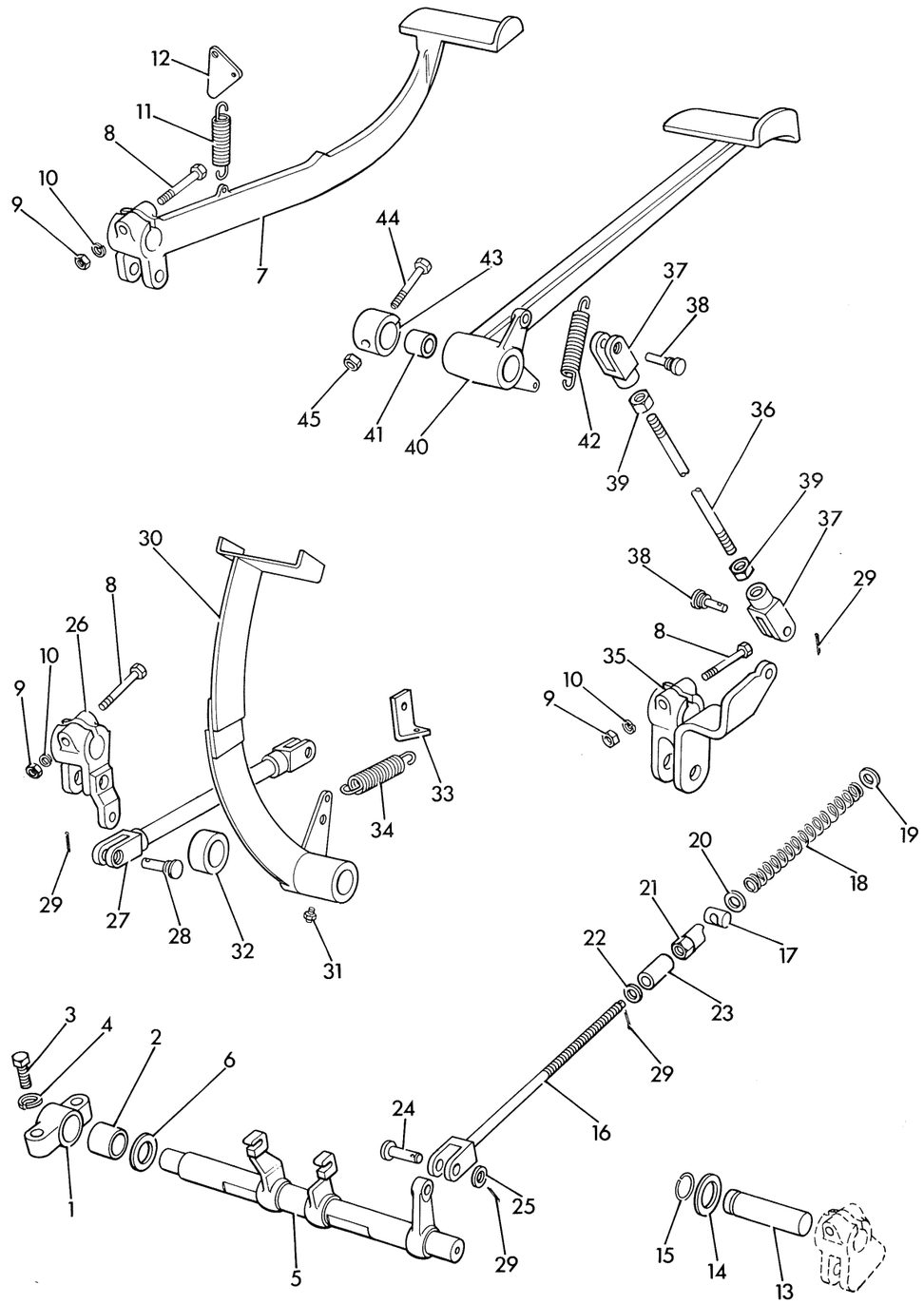
Description	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Clutch	ME2	ME2E498NT4670 ME2.1	ME2E498NT4670 ME2.1	ME2E498NT4670 ME2.1	ME2E498NT4670 ME2.1	ME2	ME2E498NT4670 ME2.1	ME2E498NT4670 ME2.1
Pedal & Linkage	ME1 T98999 ME1-1 M21617 ME1-2	ME1.2	ME1 T98999 ME1-1 M46853 ME1-2	ME1 T98999 ME1-1 M46853 ME1-2	ME1 T98999 ME1-1 M46853 ME1-2	ME1	ME1-1 M46853 ME1-2	ME1-1 M46853 ME1-2

ME 1 CLUTCH PEDAL & LINKAGE

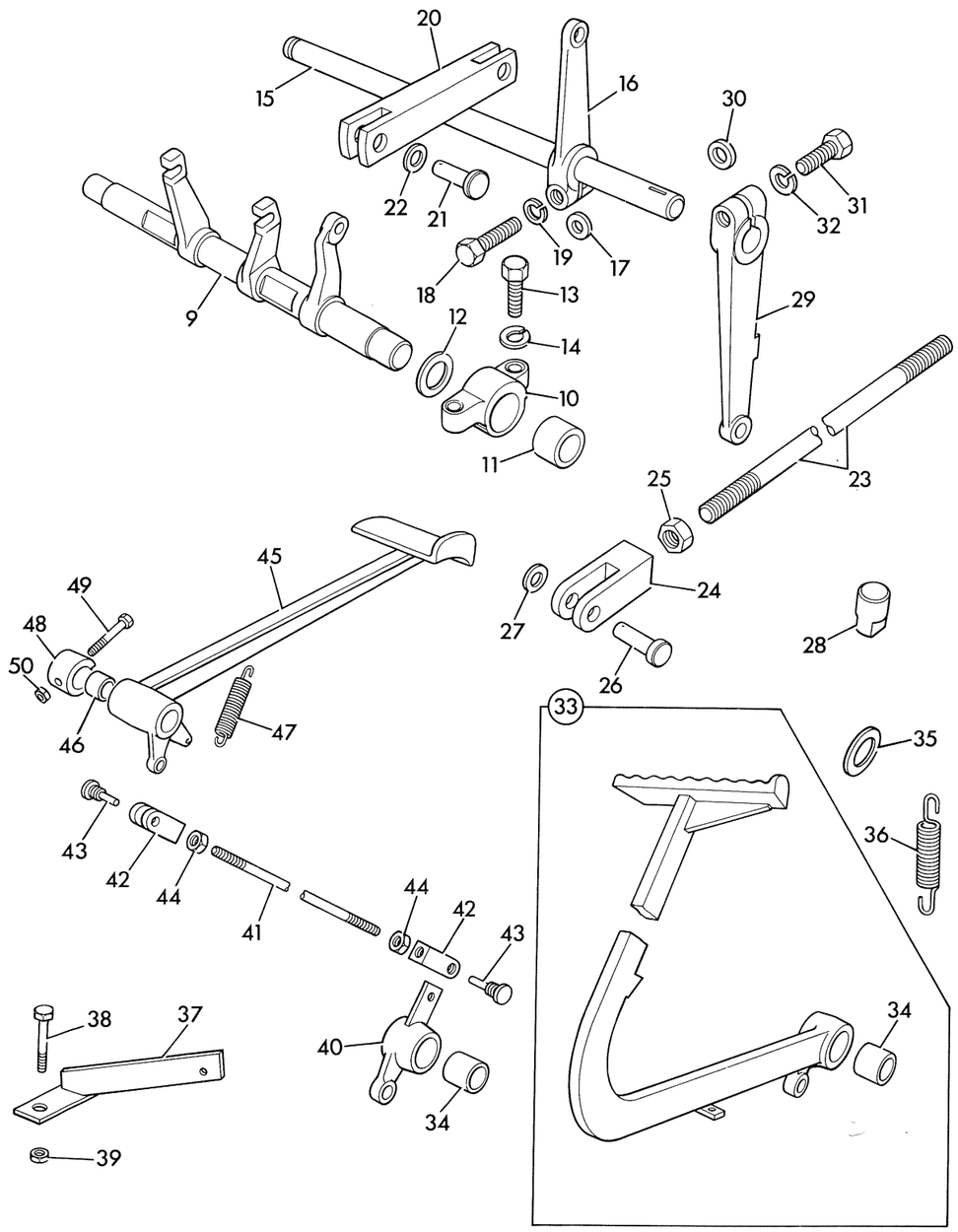


ITEM	PART No.	CHANGE No.	DESCRIPTION			2	3	3C	3D	4C
1	NT 1251 ATJ 5065	to T88194	Bracket	....	....	2	2	2	2	2
2	NT 3102	....	:Bush	....	....	1	1	1	1	1
3	HBN 0610 1305/3208	Superseded	Bolt	....	....	4	4	4	4	4
4	LWN 206 1416/0006	Superseded	Washer	....	....	4	4	4	4	4
5	ATJ 5026 ATJ 5047 ATJ 5060	to T 63474 to T 88194	Shaft	....	....	1	1	1	1	1
6	NT 3089 988/00008	Superseded	Washer	....	....	1	1	1	1	1
7	ATJ 5019	....	Pedal	....	....	1	1			
8	HBN 0618 1305/3216	Superseded	Bolt	....	....	1	1	1	1	1
9	FNN 106 1340/0201	Superseded	Nut	....	....	1	1	1	1	1
10	LWN 206 1416/0006	Superseded	Washer	....	....	1	1	1	1	1
11	NT 3134	....	Spring	....	....	1	1	1		1
12	NT 2218	....	Plate	....	....	1	1	1		1
13	NT 6719	....	Shaft	....	....	1	1	1	1	1
14	PWN 116 1411/0010	Superseded	Washer	....	....	1	1	1	1	1
15	NT 4008 2203/0036	Superseded	Circlip	....	....	1	1	1	1	1
16	NT 5610	....	Rod	....	....	1	1	1	1	1
17	NT 2217	....	Pin	....	....	1	1	1	1	1
18	NT 3037	....	Spring	....	....	1	1	1	1	1
19	PWN 105 1411/0002	Superseded	Washer	....	....	1	1	1	1	1
20	ATJ 1042 1412/0004	Superseded	Washer	....	....	1	1	1	1	1
21	NT 5611 988/00091	Superseded	Nut	....	....	1	1	1	1	1
22	NT 4106	....	Washer	....	....	1	1	1	1	1
23	ATJ 5031	....	Distance Piece	....	....	1	1	1	1	1
24	NT 3036	....	Clevis Pin	....	....	1	1	1	1	1
25	PWN 106 1411/0003	Superseded	Washer	....	....	1	1	1	1	1

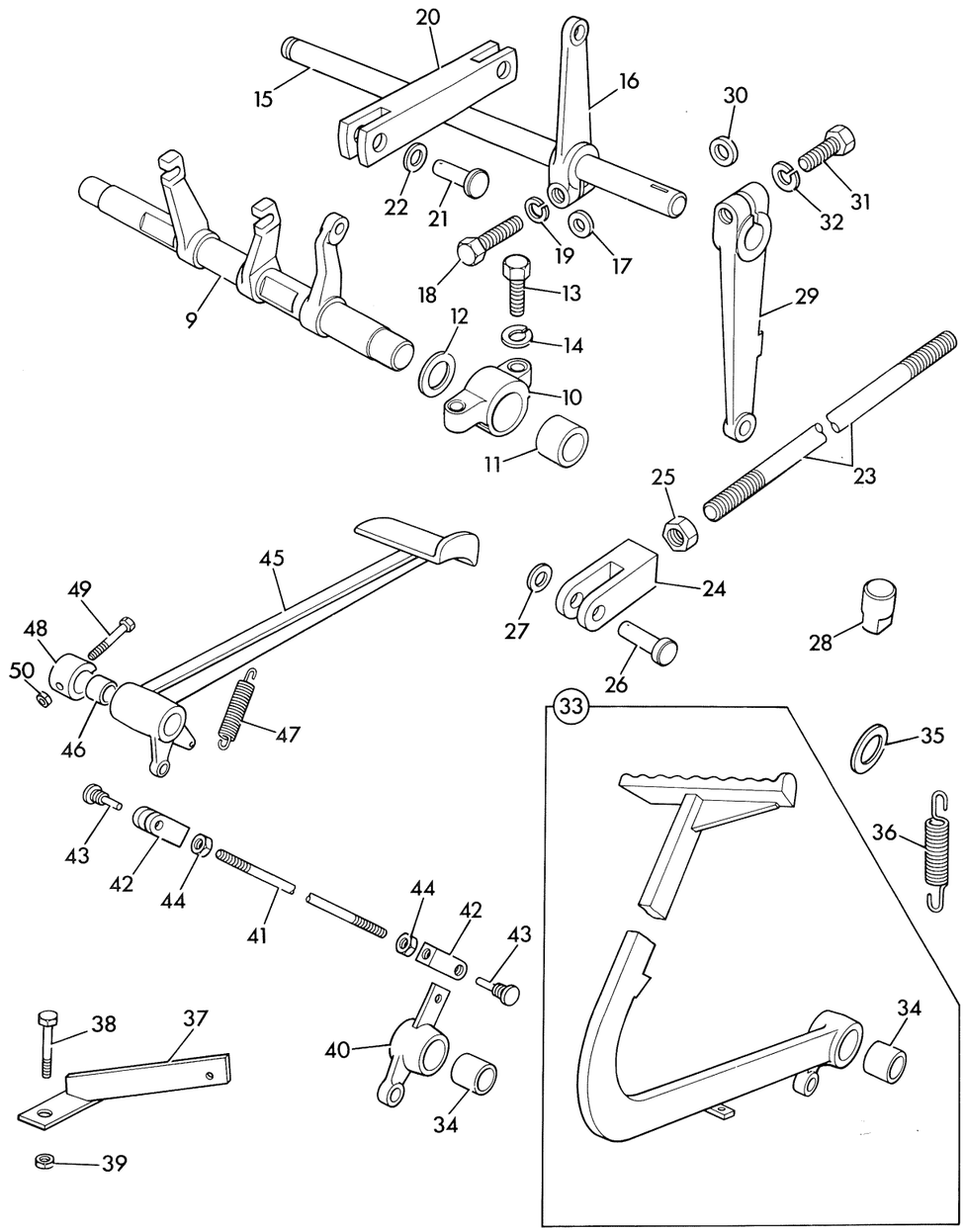
ME 1 CLUTCH PEDAL & LINKAGE



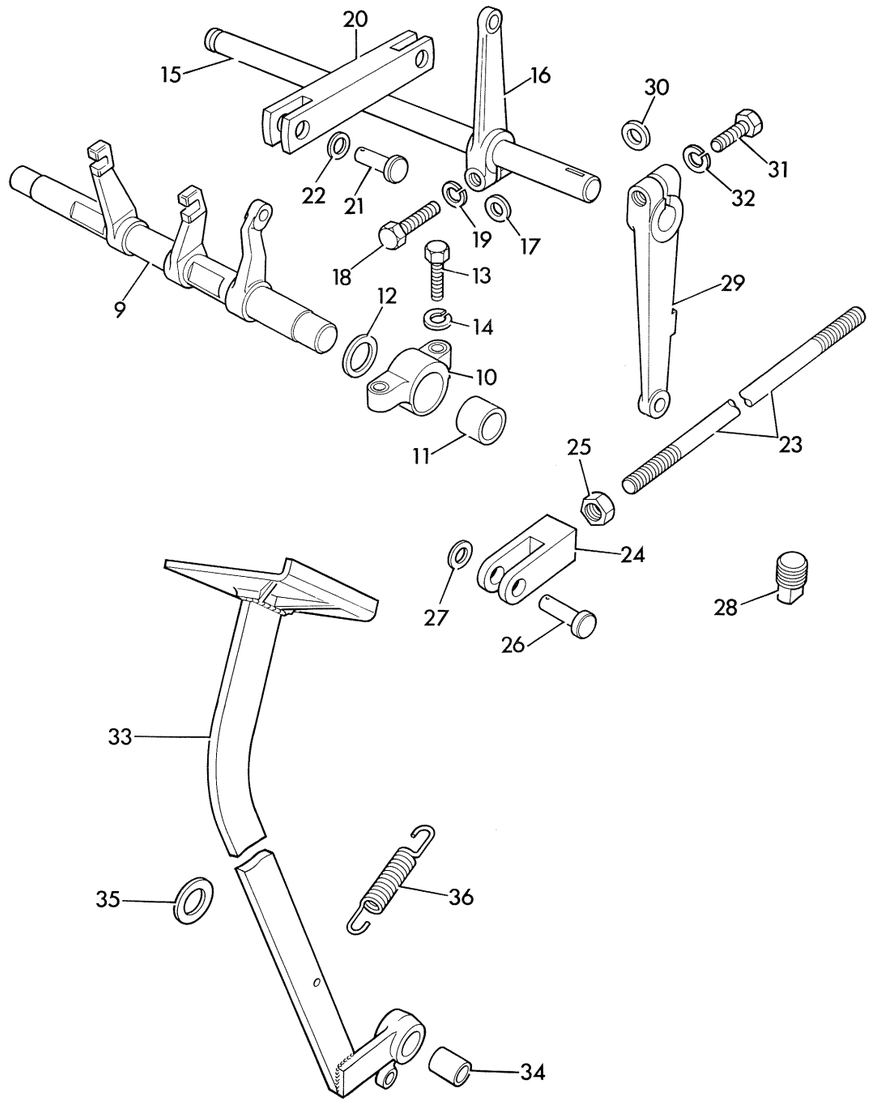
ITEM	PART No.	CHANGE No.	DESCRIPTION	2	3	3C	3D	4C
26	104/86300		Lever			1		1
27	104/86200		Clutch Rod			1		1
28	L5/806	....	Clevis Pin			2		2
29	G3/10 2103/0507	Superseded	Split Pin			2		2
30	104/85400		Pedal			1		1
31	G15/0 1450/0001	Superseded	Grease Nipple			1		1
32	103/23805	....	Collar			1		1
33	AL17/133	....	Bracket			1		1
34	D3/229 104/85203	Superseded	Spring			1		1
35	103/38500	....	Lever				1	
36	103/37007	....	Rod				1	
37	103/39300	....	Clevis and Pin				2	
38	L5/806	....	:Clevis Pin				1	
39	1340/0202	....	Nut				2	
40	103/37002	....	Pedal				1	
41	103/37005	....	:Bush				2	
42	103/37009	....	Spring				1	
43	103/37601	....	Collar				1	
44	1305/3218	....	Bolt				1	
45	1340/0203	....	Nut				1	



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
9	ATJ 5788	....	Shaft	....	1
10	ATJ 5164	....	Bracket	....	2
11	NT 3102	....	Bush	....	2
12	NT 3089 988/00008	Superseded	Washer	....	2
13	HBN 0610 1305/3208	Superseded	Bolt	....	4
14	LWN 206 1416/0006	Superseded	Washer	....	4
15	ATJ 5789	....	Shaft	....	1
16	ATJ 5163	....	Lever	....	1
17	NT 5955	....	Key	....	1
18	HBN 0614 1305/3212	Superseded	Bolt	....	1
19	LWN 206 1416/0006	Superseded	Washer	....	1
20	ATJ 5793	....	Link	....	1
21	NT 3036	....	Clevis Pin	....	2
22	PWN 106 1411/0003	Superseded	Washer	....	2
23	ATJ 5795	....	Rod	....	1
24	ATJ 5790	....	Fork	....	2
25	FNZ 106 1340/0201	Superseded	Nut	....	2
26	NT 3033 CLZ 517	Superseded	ClevisPin	....	2
27	PWZ 105 WA 108051	Superseded	Washer	....	2
28	NT 7408	....	Peg	....	1
29	ATJ 5143	....	Lever	....	1
30	NT 5955	....	Key	....	1
31	HBN 0614 1305/3212	Superseded	Bolt	....	1
32	LWN 206 1416/0006	Superseded	Washer	....	1
33	106/40700	....	Pedal	JCB 2B Uptom/c 21480 JCB 3C Uptom/c 45981	1 1
	107/31000	....	PEDAL	JCB 2B From m/c 21481 JCB 3 From m/c 45571	1



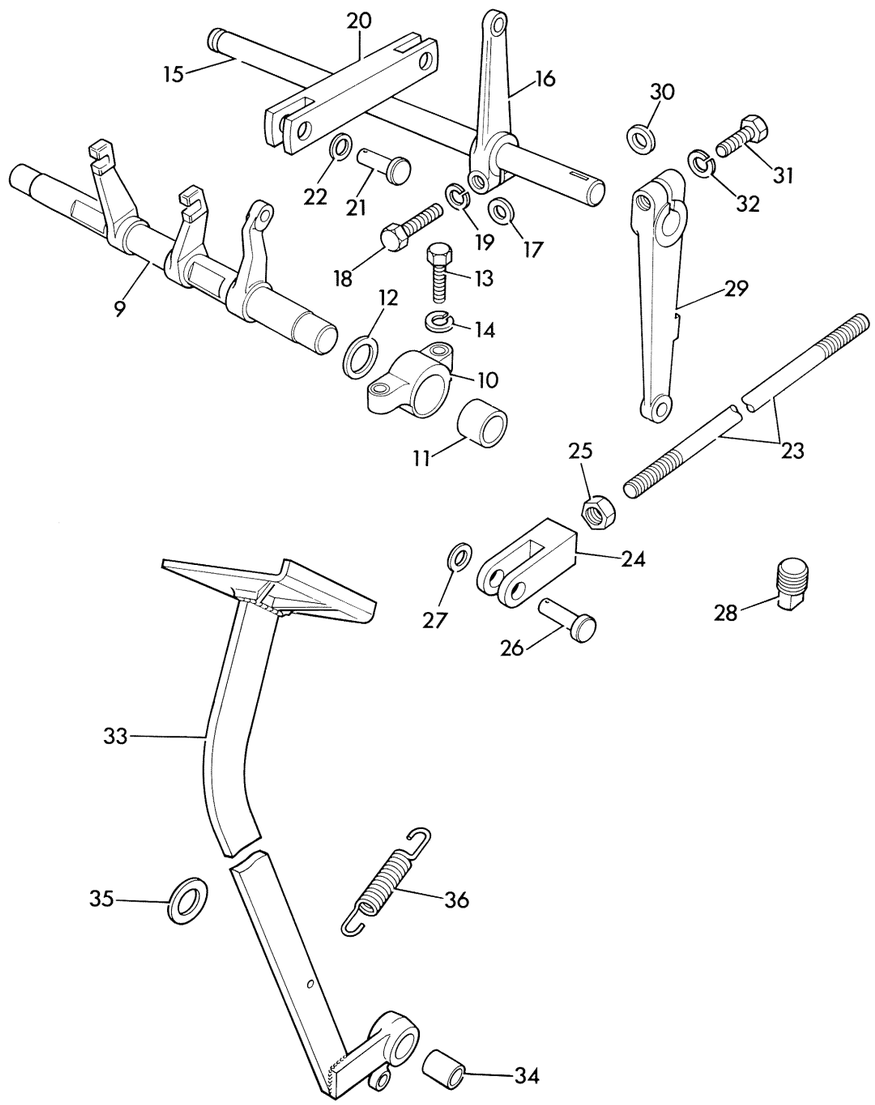
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
33				JCB 3C From m/c 45982	
34	LBS 1824	....	Bush	....	1
35	PWZ 118 1411/0011	Superseded	Washer	....	1
36	ATJ 5123	....	Spring	....	1
37	106/41700	....	Bracket	....	1
38	1305/3210	....	Bolt	....	2
39	1340/0203	....	Nut	....	2
40	103/76400	....	Lever	....	1
41	103/75003	....	Rod	....	1
42	103/39300	....	Clevis and Pin	....	2
43	L5/806	....	:Clevis Pin	....	2
44	1340/0202	....	Nut	....	2
45	103/75002	....	PEDAL	JCB 3D	1
46	103/37005	....	Bush	....	2
47	103/37009	....	Spring	....	1
48	103/75010	....	Collar	Clutch Pedal Stop	1
49	1305/3218	....	Bolt	Collar to Cross-Shaft	1
50	1340/0203	....	Nut	....	1



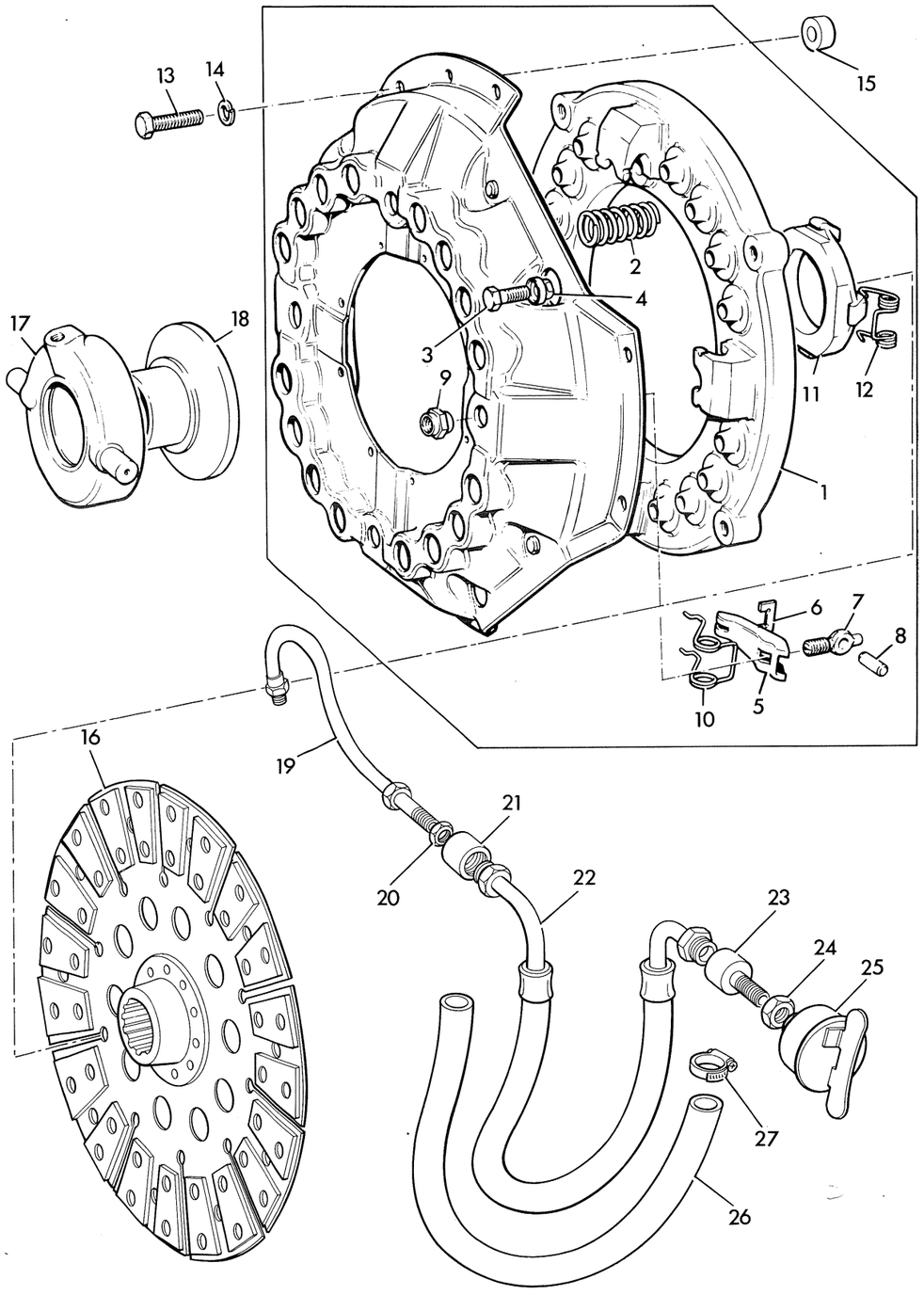
5248

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
9	ATJ 5788	....	Shaft	....	1
10	ATJ 5164	....	Bracket	....	2
11	NT 3102	....	Bush	....	2
12	NT 3089 988/00008	Superseded	Washer	....	2
13	HBN 0610 1305/3208	Superseded	Bolt	....	4
14	LWN 206 1416/0006	Superseded	Washer	....	4
15	ATJ 5789 106/65327	To M 117119	Shaft	....	1
16	ATJ 5163	....	Lever	....	1
17	NT 5955	....	Key	....	1
18	HBN 0614 1305/3212	Superseded	Bolt	....	1
19	LWN 206 1416/0006	Superseded	Washer	....	1
20	ATJ 5793	....	Link	....	1
21	NT 3036	....	Clevis Pin	....	2
22	PWN 106 1411/0003	Superseded	Washer	....	2
23	107/45007 106/65317 107/49205	To M51737 To M117119	Rod	....	1
24	ATJ 5790	....	Fork	....	2
25	FNZ 106 1340/0201	Superseded	Nut	....	2
26	CLZ 517	....	Clevis Pin	....	2
27	PWZ 105 WA 108051	Superseded	Washer	....	2
28	NT 7408	....	Peg	....	1
29	ATJ 5143	....	Lever	....	1
30	NT 5955	....	Key	....	1
31	HBN 0614 1305/3212	Superseded	Bolt	....	1
32	LWN 206 1416/0006	Superseded	Washer	....	1
33	107/45300 107/51200 107/68400	To M51737 To M117119	Pedal - 5x2 Trans.	....	1
	109/56000		Pedal - 3x3 Trans.		1

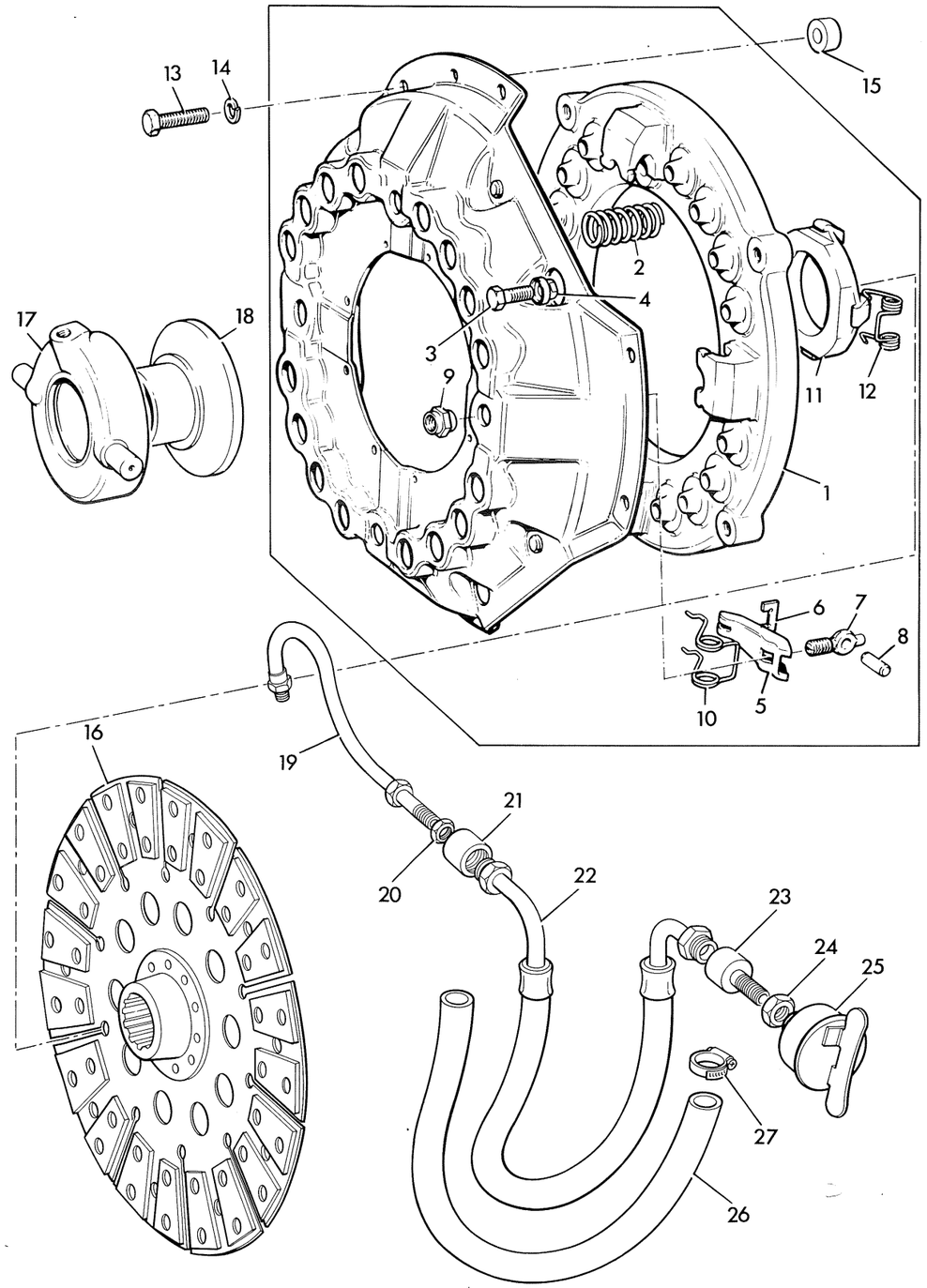
ME 1–2 CLUTCH PEDAL & LINKAGE



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
34	LBS 1824	....	Bush	....	1
35	PWZ 118 1411/0011	Superseded	Washer	....	1
36	107/45004	....	Spring	....	1

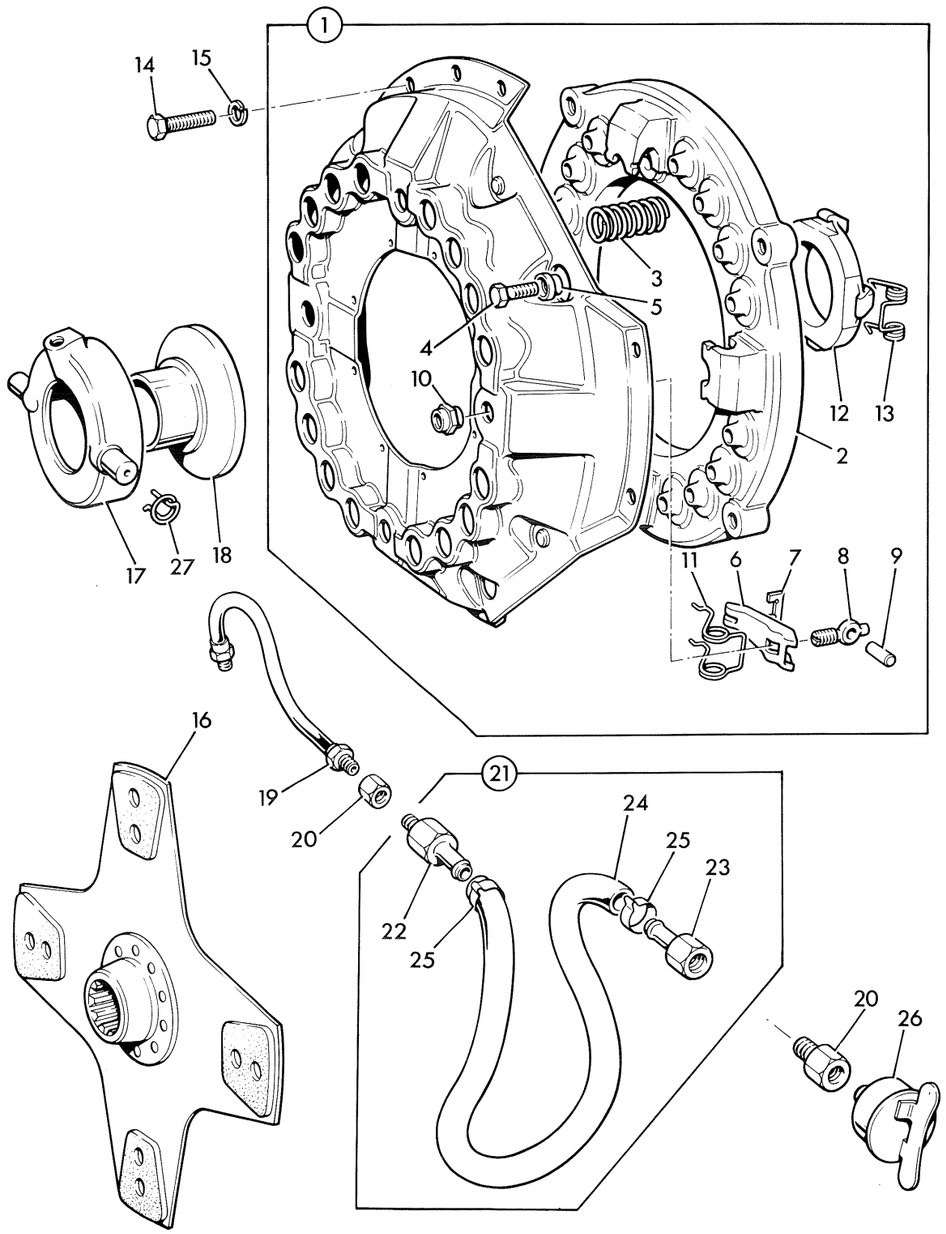


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
	BMK 989 37H 7198 988/00033	Superseded Superseded	PressurePlate	....	1
1	17H 8160 27H 3269 37H 8067	To E 46847 Superseded	:Pressure Plate	....	1
2	7H 3082	....	:Thrust Spring	....	16
3	27H 6872	....	:Bolt	....	4
4	27H 6871	....	:Ferrule	....	4
5	27H 3264 AAU3127	Superseded	:Release Lever	....	4
6	7H 3069 231884	Superseded	:Strut	....	4
7	37H 1449 37H 3065	To E46847	:Eye Bolt	....	4
8	7H 3067 042537	Superseded	:Lever Release Pin	....	4
9	17H 6779	....	:Nut	....	4
10	17H 8162 7H 3256	to E46847	:Anti-Rattle Spring	....	4
11	17H 8163 990/23500 37H 7050	To E39176 to E46847	:Release Plate	....	1
12	7H 3001 38788	Superseded	:Spring	....	4
13	HBN 0610 1305/3208	Superseded	Bolt	....	8
14	LWN 206 1416/0006	Superseded	Washer	....	8
15	37D 281	To E46847	Spacer 0.050in.(1.30mm)	....	8
	CMK 1456	....	Spacer 0.190in.(4.82mm)	Use with AEM7/1174	8
16	AL5/395	....	Clutch Plate	....	1
	N.S.P.	....	Clutch Plate Heavy Duty	Was AEM 7/1174	1
17	7H 3255 AAU 2610 988/00012 ATJ 5092 13H 2348 988/00012	Superseded To T63474 To T88194 To T98999 Superseded	Release Bearing	....	1
18	ATJ 5046 ATJ 5064 ATJ 5046	To T88194 To T98999	Thrust Sleeve	....	1
19	ATJ 5049	....	Grease Hose	....	1
20	1340/0202	....	Nut	....	2



194B

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
21	EM6/989 816/00174	E 34902	Adapter	....	1
22	649/00300 103/65900	Superseded	Hose	....	1
23	EM6/990 816/00173	To E34902	Adapter	....	1
24	1340/0202	....	Nut	....	1
25	ATJ 5050 ATJ 5186 988/00004	Superseded Superseded	Greaser	....	1
26	647/00700	....	Hose	18in.45.7mm.	As Reqd
27	G34/5	....	'O' Clip	....	2
	7H 3048	....	Retainer	Correction Was 7H 3084	2



194C

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	990/35300	....	Pressure Plate Assembly	....	1
2	990/35301	....	:Pressure Plate	....	1
3	990/35302	....	:Thrust Spring	....	16
4	27H 6872	....	:Bolt	....	4
5	27H 6871	....	:Ferrule	....	4
6	27H 3264 AAU3127	Superseded	:Release Lever	....	4
7	7H 3069 231884	Superseded	:Strut	....	4
8	37H 3065	....	:Eye Bolt	....	4
9	7H 3067 042537	Superseded	:Lever Release Pin	....	4
10	17H 6779	....	:Nut	....	4
11	7H 3256	....	:Anti-Rattle Spring	....	4
12	37H 7050	....	:Release Plate	....	1
13	7H 3001 38788	Superseded	:Spring	....	4
14	HBN 610 1305/3208	Superseded	Bolt	Pressure Plate To Flywheel	8
15	LWN 206 1416/0006	Superseded	Washer	....	8
16	990/35200	....	Clutch Plate	....	1
17	13H 2348 988/00012	Superseded	Release Bearing	....	1
18	ATJ 5046	....	Thrust Sleeve	....	1
19	ATJ 5049	....	Grease Hose	....	1
20	1340/0202	....	Nut	....	2
21	103/65900 106/22900	To T189596	Hose	....	1
22	816/00174 816/00445	To T189596	:Adapter	....	1
23	816/00173 816/00447	To T189596	:Adapter	....	1
24	647/00700	....	:Hose	18in.(45.7mm)	As Reqd
25	G34/5	....	:'O'Clip	....	2
26	ATJ 5186 988/00004 83H 1054	Superseded To T189596	Greaser	....	1
27	7H 3048	....	Retainer	....	2
28	816/00446	....	Adapter	....	1
29	ATJ 4488	T189597 on	Adapter	....	1

End of Section ME

ISSUE 2

MF

Gearbox & Transmission

Pages MF1-1 to MF10

PCA 110M

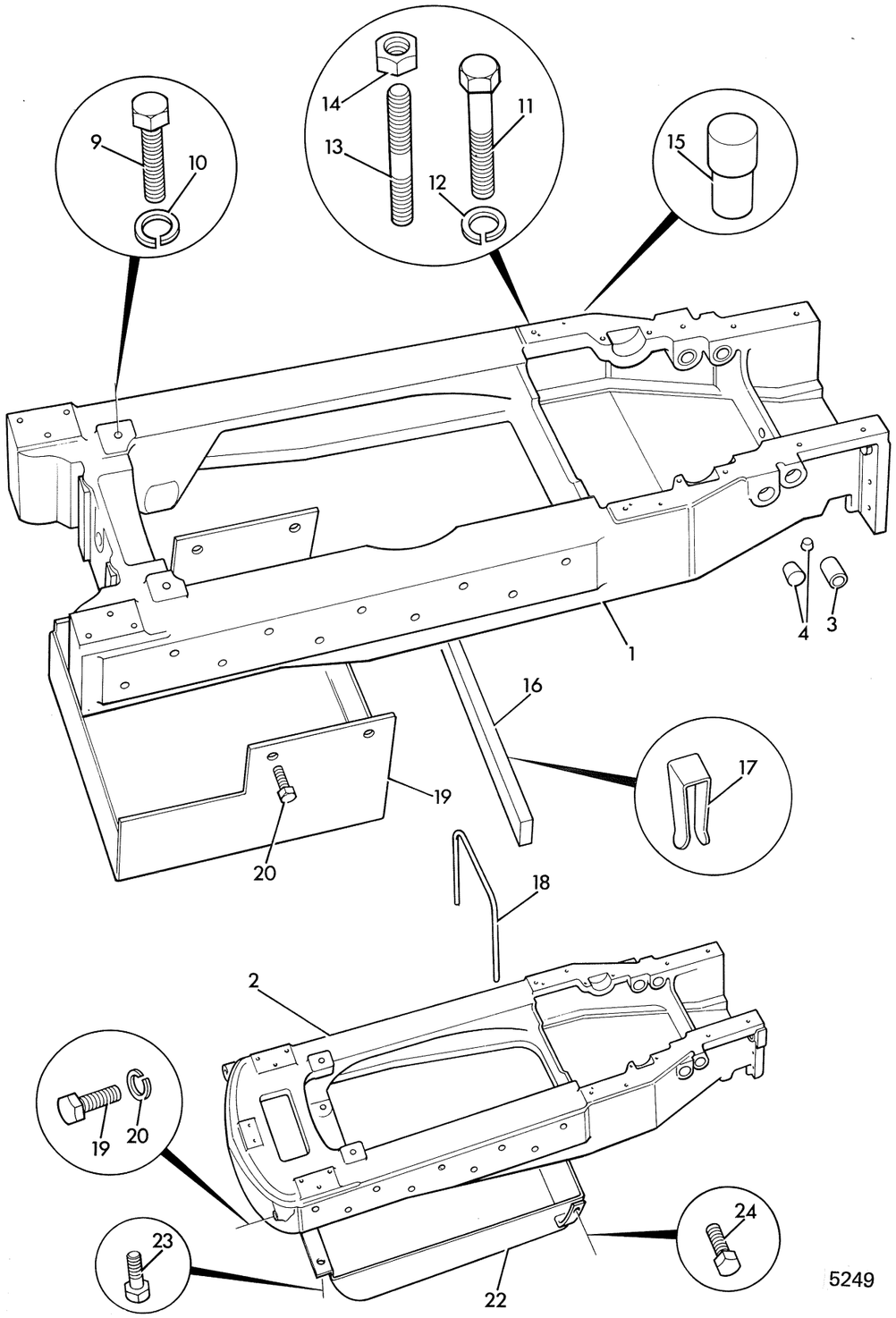
Description	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Brakes-Transmission		MF33 MF33.1	MF33 M118353 MF33.1	MF33 M118353 MF33.1	MF33 M118353 MF33.1			MF33 M118353 MF33.1
-Wheel German/ Austrian	See Index MJ							
Crown Wheel & Pinion	MF15	MF15	MF15	MF15	MF15			MF15
Differential	MF19 T98999 MF20	MF20	MF19 T98999 MF20	MF19 T98999 MF20	MF19 T98999 MF20			MF20
Gearbox Casing	MF5	MF5	MF5	MF5	MF5			MF5
Gear Lever	MF18	MF18	MF18	MF18	MF18			MF18
Half Shaft & Housing	MF27	MF27 M118353 MF27-1	MF27 M118353 MF27-1	MF27 M118353 MF27-1	MF27 M118353 MF27-1			MF27 M118353 MF27-1
Input Gear	MF14.1	MF14.1	MF14.1	MF14.1	MF14.1			MF14.1
Layshaft	MF16 T206703 MF16.1	MF16 T206703 MF16.1	MF16 T206703 MF16.1	MF16 T206703 MF16.1	MF16 T206703 MF16.1			MF16 T206703 MF16.1
Mainshaft	MF15	MF15	MF15	MF15	MF15			MF15
Main Casing	MF1.2	MF1.2	MF1.2	MF1.2	MF1.2			MF1.2
Selectors	MF18	MF18	MF18	MF18	MF18			MF18
Sump Guard	MF1.2	MF1.2	MF1.2	MF1.2	MF1.2			MF1.2

Description	Speed	Range	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Brakes-Transmission			MF31 M20485 MF33	MF33 T118490 MF33.1	MF31 M41419 MF33 M118490 MF33.1	MF33 M118490 MF33.1	MF33 M118490 MF33.1	MF33	MF33	
-Japanese				MF33	MF33	MF33	MF33			
-Wheel-German/Austrian			See Index MJ	See Index MJ	See Index MJ	See Index MJ	See Index MJ	See Index MJ	See Index MJ	
Clutch			See Index ME	See Index ME	See Index ME	See Index ME	See Index ME	See Index ME	See Index ME	
-Housing			MF2	MF2	MF2	MF2	MF2	MF2	MF2	
Crown Wheel & Pinion	5	1	MF9 M20485		MF9 M41419					
	5	2	MF15	MF15 M118490	MF15 M118490	MF15 M118490	MF15 M118490	MF15	MF15	
	3	3		MF39	MF39	MF39	MF39			
-Japanese				MF15	MF15	MF15	MF15			
Differential			MF19 T98999 MF20	MF20	MF19 T98999 MF20	MF19 T98999 MF20	MF19 T98999 MF20	MF19	MF20	
Gearbox Casing	5	1	MF3 M20485		MF3 M41419					
	5	2	MF4 T98999 MF5	MF5 M118490	MF4 T98999 MF5 M118490	MF4 T98999 MF5 M118490	MF4 T98999 MF5 M118490	MF4	MF5	
	3	3		MF36	MF36	MF36	MF36			
-Japanese	5	2		MF5	MF5	MF5	MF5			
Gear Lever	5	1	MF11 M20485		MF11 M41419					
	5	2	MF17 T98999 MF18	MF18 M118490	MF17 T98899 MF18 M118490	MF17 T98999 MF1188490	MF17 T98999 MF18 M118490	MF17	MF18	
	3	3		MF40	MF40	MF40	MF40			
-Japanese	5	2		MF18	MF18	MF18	MF18			
Half Shaft & Housing	5	1	MF21 M20485		MF21 M41419					
	5	2	MF27	MF27 M118490	MF27 M118490	MF27 M118490	MF27 M118490	MF27 M118490	MF27 M118490	
	3	3		MF27.1	MF27.1	MF27.1	MF27.1	MF27.1	MF27.1	MF27.1
Layshaft	5	1	MF10 M20485		MF10 M41419					
	5	2	MF16 T206703 MF16.1	MF16 T206703 MF16.1 M118490	MF16 T206703 MF16.1 M118490	MF16 T206703 MF16.1 M118490	MF16 T206703 MF16.1 M118490	MF16	MF16	
	3	3		MF37	MF37	MF37	MF37			
-Japanese	5	2		MF16 T206703 MF16.1	MF16 T206703 MF16.1	MF16 T206703 MF16.1	MF16 T206703 MF16.1			
MAIN SHAFT	5	1	MF9 M20486		MF9 M41419					
	5	2	MF15	MF15 M118490	MF15 M118490	MF15 M118490	MF15 M118490	MF15	MF15	
	3	3		MF39	MF39	MF39	MF39			
-Japanese	5	2		MF15	MF15	MF15	MF15			
Main Casing-Engine			MF1.1 T98999 MF1.2	MF1.2 M118490	MF1.1 T98999 MF1.2	MF1.1 T98999 MF1.2	MF1.1 T98999 MF1.2	MF1.1	MF1.2	

Description	Speed	Range	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Primary Shaft	5	1	MF7 M20485		MF7 M41419					
	5	2	MF14 T98999 MF14.1	MF14.1 M118490	MF14 T98999 MF14.1 M118490	MF14 T98999 MF14.1 M118490	MF14 T98999 MF14.1 M118490	MF14	MF14.1	
	3	3		MF38	MF38	MF38	MF38			
-Japanese	5	2		MF14.1	MF14.1	MF14.1	MF14.1			
Selectors	5	1	MF11 M20485		MF11 M41419					
	5	2	MF17 T98999 MF18	MF18 M118490	MF17 T98999 MF18 M118490	MF17 T98999 MF18 M118490	MF17 T98999 MF18 M118490	MF17	MF18	
	3	3		MF40	MF40	MF40	MF40			
-Japanese				MF18	MF18	MF18	MF18			
Sump Guard			MF1.1 ToT98999 MF1.2	MF1.2	MF1.1 T98999 MF1.2	MF1.1 T98999 MF1.2	MF1.1 T98999 MF1.2	MF1.1	MF1.2	
Transmission Fitting						MF34 T98999		MF35		

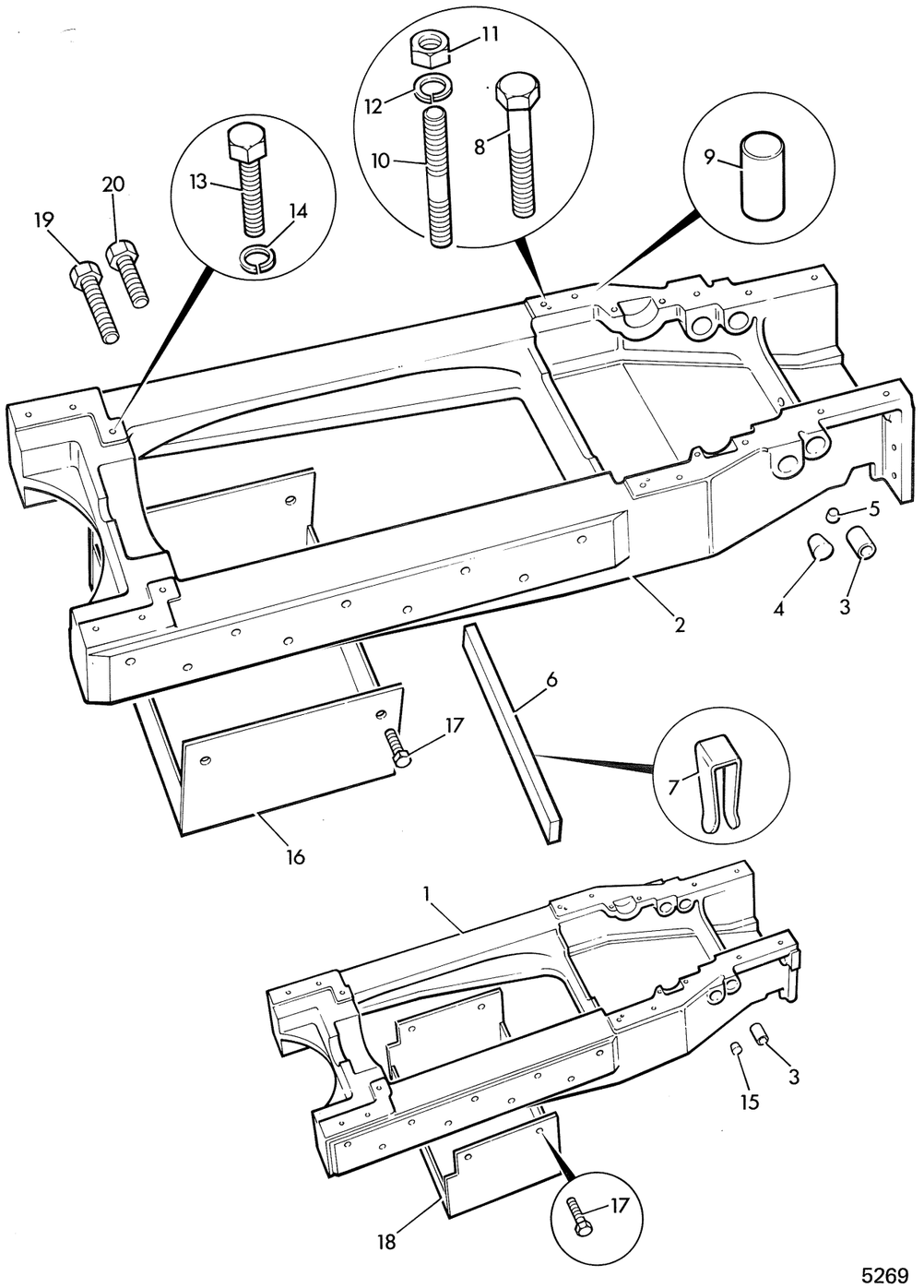
MF 1–1 MAIN CASING

110M **ISSUE** 5



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 3cyl	QTY. 4cyl
1	NT 6281 ATJ 5085	Superseded	Main Casing	....		1
2	NT 8090 ATJ 5083	Superseded	Main Casing	....	1	
3	LBS 1416	....	Bush	....	5	5
4	N.S.P.	. ...	Plug	Was NT 3145	4	4
9	HBN 0910 ATJ 1077	Superseded	Bolt	....	2	2
10	LWN 209 1416/0009	Superseded	Washer	....	2	2
11	HBN 0914 ATJ 1078	Superseded	Bolt	....	1	1
12	LWN 209 1416/0009	Superseded	Washer	....	2	2
13	ATJ 3151	....	Stud	....	1	1
14	FNZ 109 ATJ 1081	Superseded	Nut	....	1	1
15	NT 3083	....	Dowel	....	2	2
16	NT 6695	....	Seal	....	1	1
17	NT 6990	....	Clip	....	2	2
18	NT 1247 ATJ 4361	Superseded	Seal	....	1	1
19	AL 17/85 103/28600 103/28003	Superseded Superseded	Sump	....		1
20	1305/3714	....	Bolt	....		4
	1340/0703	....	Nut	....		
22	AL15/111 L15/155	Superseded	Sump	....	1	
23	1305/0712	....	Bolt	....	2	
24	1305/3714	....	Bolt	....	2	
	1340/0703	....	Nut	....	2	

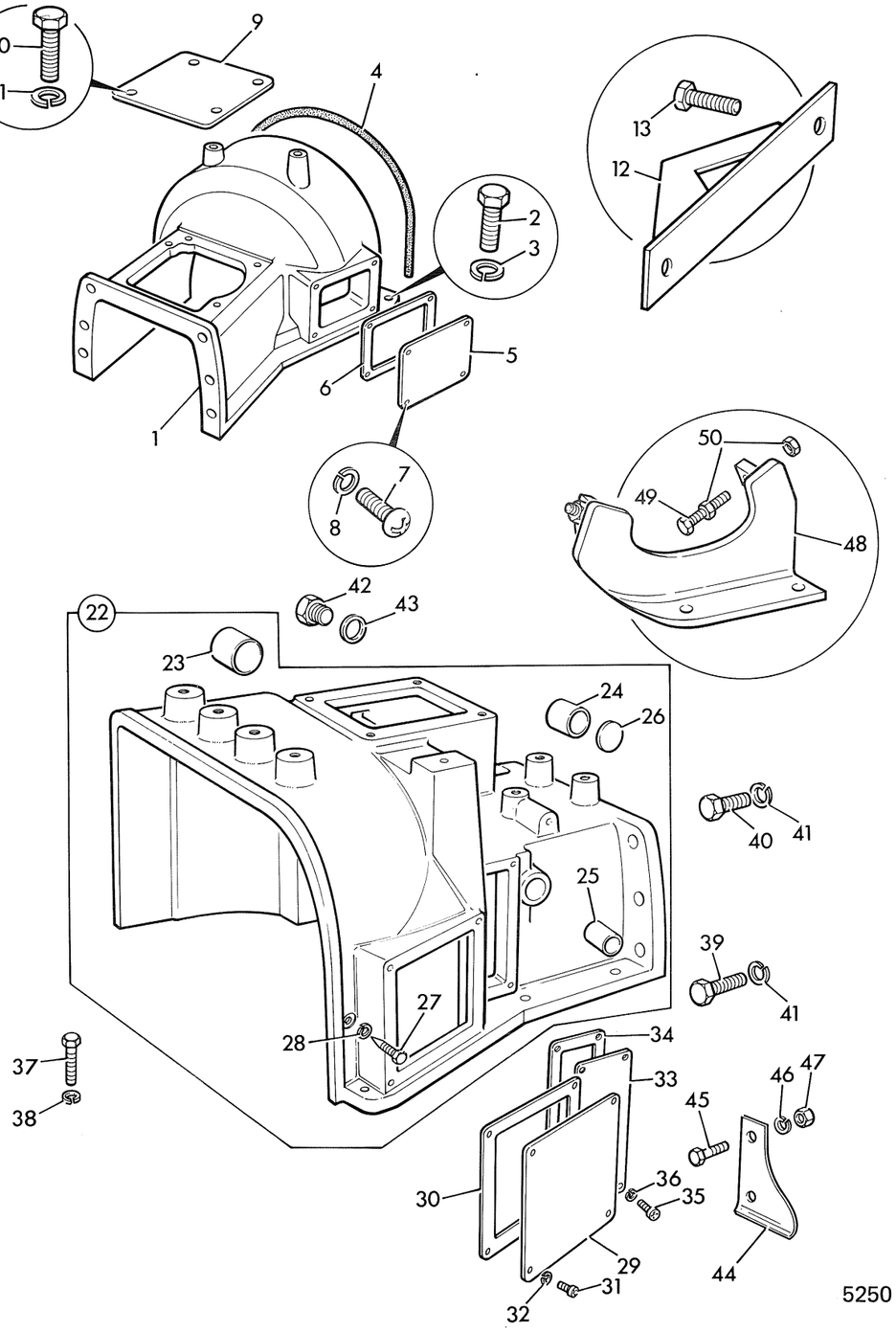
MF 1–2 MAIN CASING



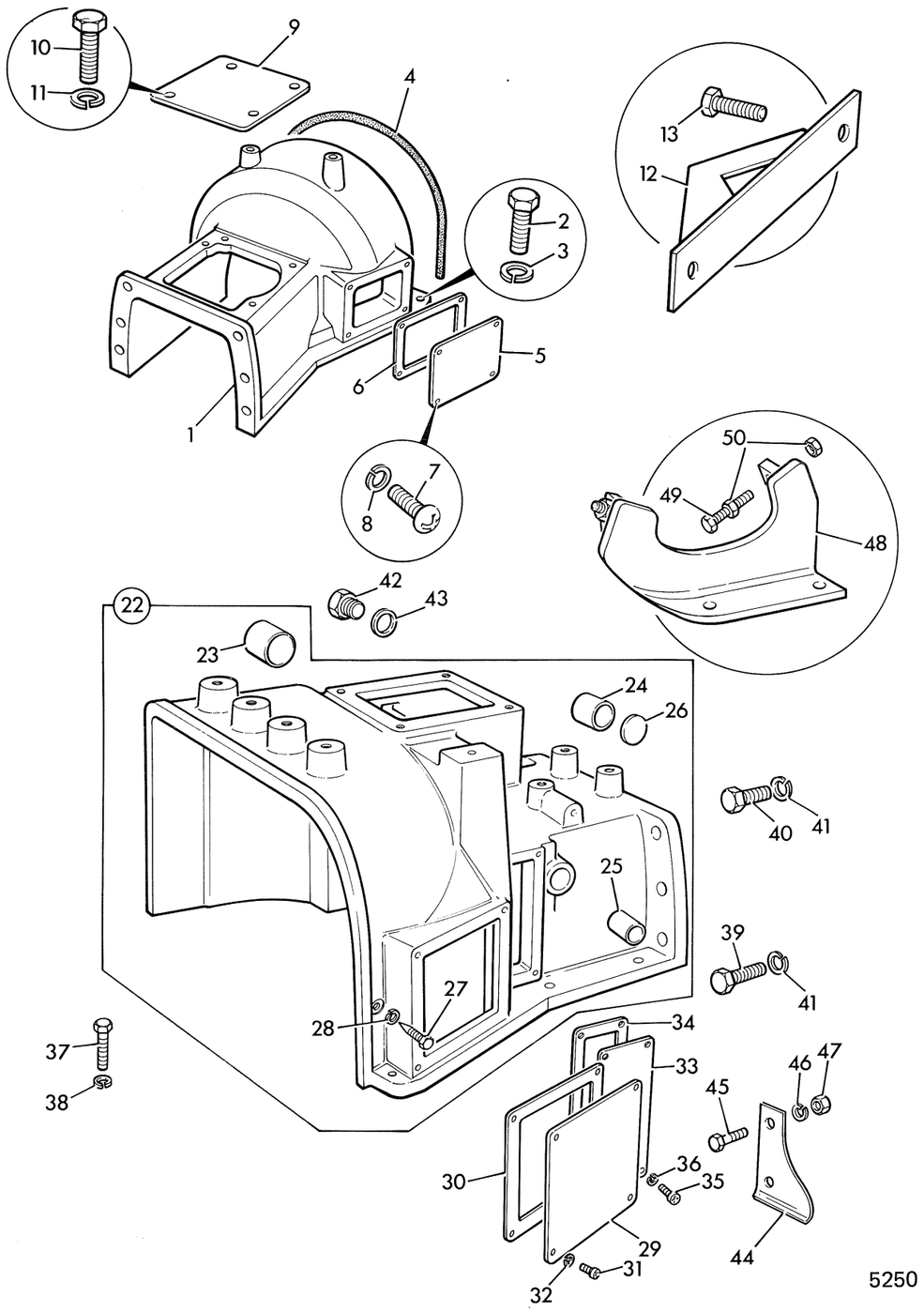
5269

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 3cyl	QTY. 4cyl
1	ATJ 5155	....	Main Casing	....	1	
2	ATJ 5157 ATJ 5416 CTJ 5285	Superseded Superseded	Main Casing	....		1
3	LBS 1416	....	Bush	....	3	3
4	NT 6751	....	Plug	....	1	1
5	N.S.P.	....	Plug	Was NT 3145	4	4
6	NT 6695	....	Seal	....	1	1
7	NT 6990	....	Clip	....	2	2
8	ATJ 1078	....	Bolt	....	1	1
9	NT 3083	....	Dowel	....	2	2
10	ATJ 3151	....	Stud	....	1	1
11	ATJ 1081	....	Nut	....	1	1
12	LWN 209 1416/0009	Superseded	Washer	....	2	2
13	ATJ 1077	....	Bolt	....	2	2
14	LWN 209 1416/0009	Superseded	Washer	....	2	2
15	NT 6751	....	Plug	....	4	4
16	106/40006 106/65326 107/65329	To M68150 Superseded	Sump Guard	....		1
17	1305/0712 1305/0714	Superseded	Bolt	....	4	4
	1340/0703	....	Nut	....	4	4
18	102/40008	....	Sump Guard	....	1	
19	1305/0714	....	Bolt	....	2	2
20	1305/3718	....	Bolt	....	4	4
21	823/00057	....	Washer	....		6

MF 2 CLUTCH HOUSING



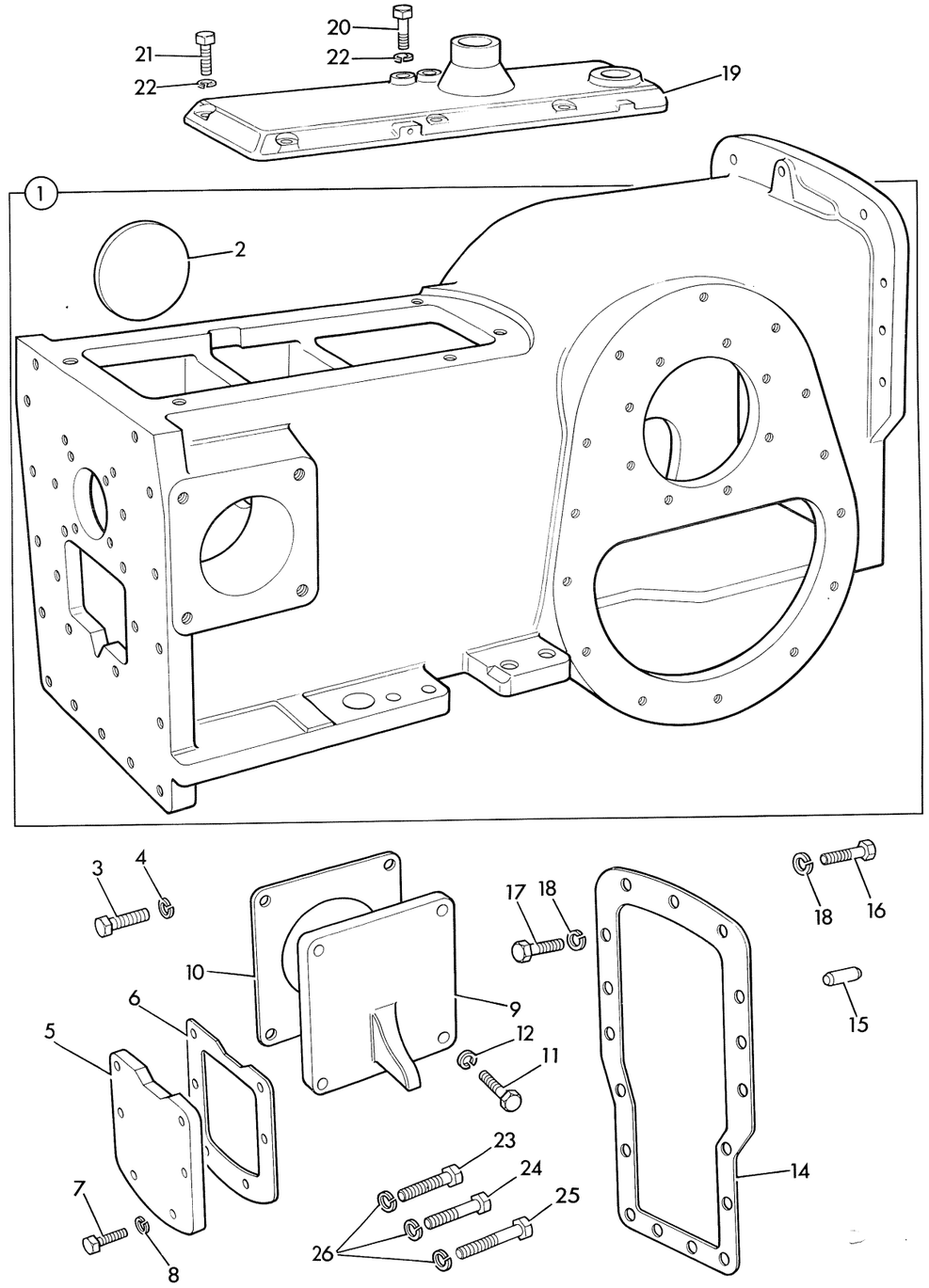
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 4267		Housing	....	1
2	HBN 0712 1305/3310	Superseded	Bolt	....	6
3	LWN 207 1416/0007	Superseded	Washer	....	6
4	ATJ 4361		Seal	....	1
5	ATJ 5051		Cover	....	1
6	NT 6754		Gasket	....	1
7	PMZ 410	T 99001 on	Screw	....	4
8	LWN 204 1416/0004	Superseded	Washer	....	4
9	N.S.P.		Plate	Was ATJ 4385	1
10	HNS 0805 1305/0403	Superseded	Bolt	....	4
11	LWN 208 1416/0008	Superseded	Washer	....	4
12	102/40200		Bracket	....	1
13	1305/0206		Bolt	....	2
22	N.S.P.	....	Housing	Was ATJ 9527	1
23	NT 5319	....	:Bush	....	1
24	NT 3007	....	:Bush	....	1
25	NT 3144	....	:Bush	....	2
26	ATJ 1026	....	:Plug	....	1
27	NT 5607	....	:Pointer	....	1
28	LWN 204 1416/0004	Superseded	:Washer	....	1
29	NT 6753 ATJ 5051	To T67247	:Cover	....	1
30	NT 6754	....	:Gasket	....	1
31	PMZ 410	....	:Screw	....	4
32	LWN 204 1416/0004	Superseded	:Washer	....	4
33	NT 6755	....	:Cover	....	1
34	NT 6756	....	:Gasket	....	1
35	PMZ 410	....	:Screw	....	4
36	LWN 204 1416/0004	Superseded	:Washer	....	4
37	HBN 0712 1305/3310	Superseded	Bolt	....	6



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
38	LWN 207 1416/0007	Superseded	Washer	....	6
39	HBN 0916 ATJ 1079	Superseded	Bolt	....	1
40	HBN 0914 ATJ 1078	Superseded	Bolt	....	3
41	LWN 209 1416/0009	Superseded	Washer	....	6
42	ADP 212	....	Plug	....	2
43	NT 3019	....	Washer	....	2
44	ATJ 5043	To T 98999	Bracket	....	1
45	ATJ 7659	....	Bolt	....	2
46	LWN 209 1416/0009	Superseded	Washer	3 Cylinder only	2
47	FNN 109 ATJ 1081	Superseded	Nut	....	2
48	103/28900	To T 98999	Bracket	....	1
49	1305/0416	....	Bolt	....	2
50	1340/0403	....	Nut	....	4

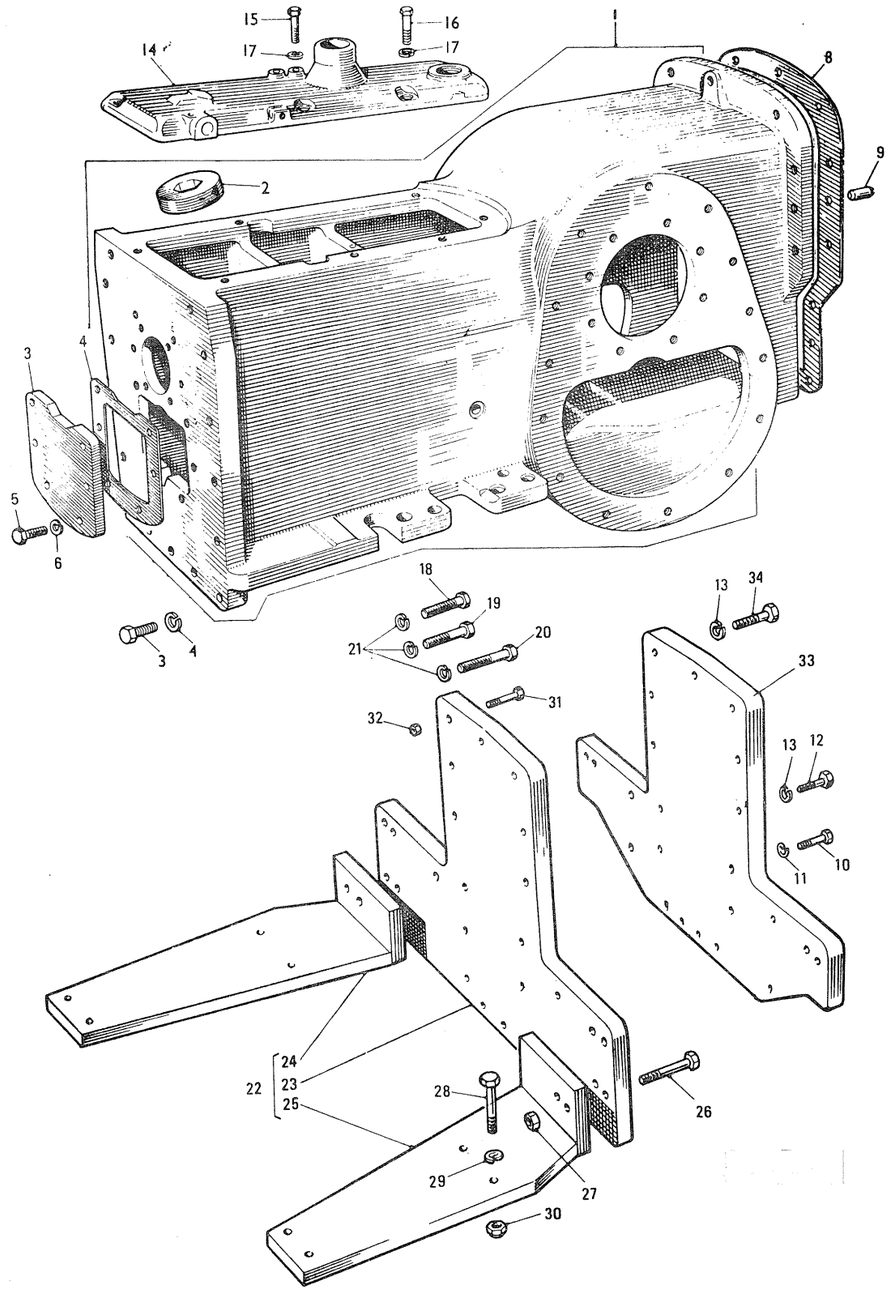
MF 3 GEARBOX CASING 5-SPEED GEARBOX

110M **ISSUE** 4



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 9451	....	Casing	....	1
2	ATJ 7102	....	Plug	....	3
3	HNS 0606 1305/0204	Superseded	Bolt	....	4
4	LWN 206 1416/0006	Superseded	Washer	....	4
5	NT 6738	....	Cover	....	1
6	NT 6739 ATJ 5621 988/00114	Superseded Superseded	Gasket	....	1
7	HBN 0616 1305/3214	Superseded	Bolt	....	6
8	LWN 206 1416/0006	Superseded	Washer	....	6
9	NT 1184	....	Cover	....	1
10	NT 4072	....	Gasket	....	1
11	HBN 0912 HBN 912	Superseded	Bolt	....	4
12	LWN 209 1416/0009	Superseded	Washer	....	4
14	NT 3361 ATJ 5630 988/00127	Superseded Superseded	Gasket	....	1
15	NT 3582	....	Dowel	....	2
16	HBN 0712 1305/3310	Superseded	Bolt	....	12
17	HBN 0714 1305/3312	Superseded	Bolt	....	1
18	LWN 207 1416/0007	Superseded	Washer	....	13
19	ATJ 7156	....	Cover	....	1
20	HBN 0610 1305/3208	Superseded	Bolt	....	7
21	HBN 0616 1305/3214	Superseded	Bolt	....	1
22	LWN 206 1416/0006	Superseded	Washer	....	8
23	HBN 0918 ATJ 1080	Superseded	Bolt	....	5
24	ATJ 7257	....	Bolt	....	2
25	NT 5548	....	Bolt	....	2
26	LWN 209 1416/0009	Superseded	Washer	....	9

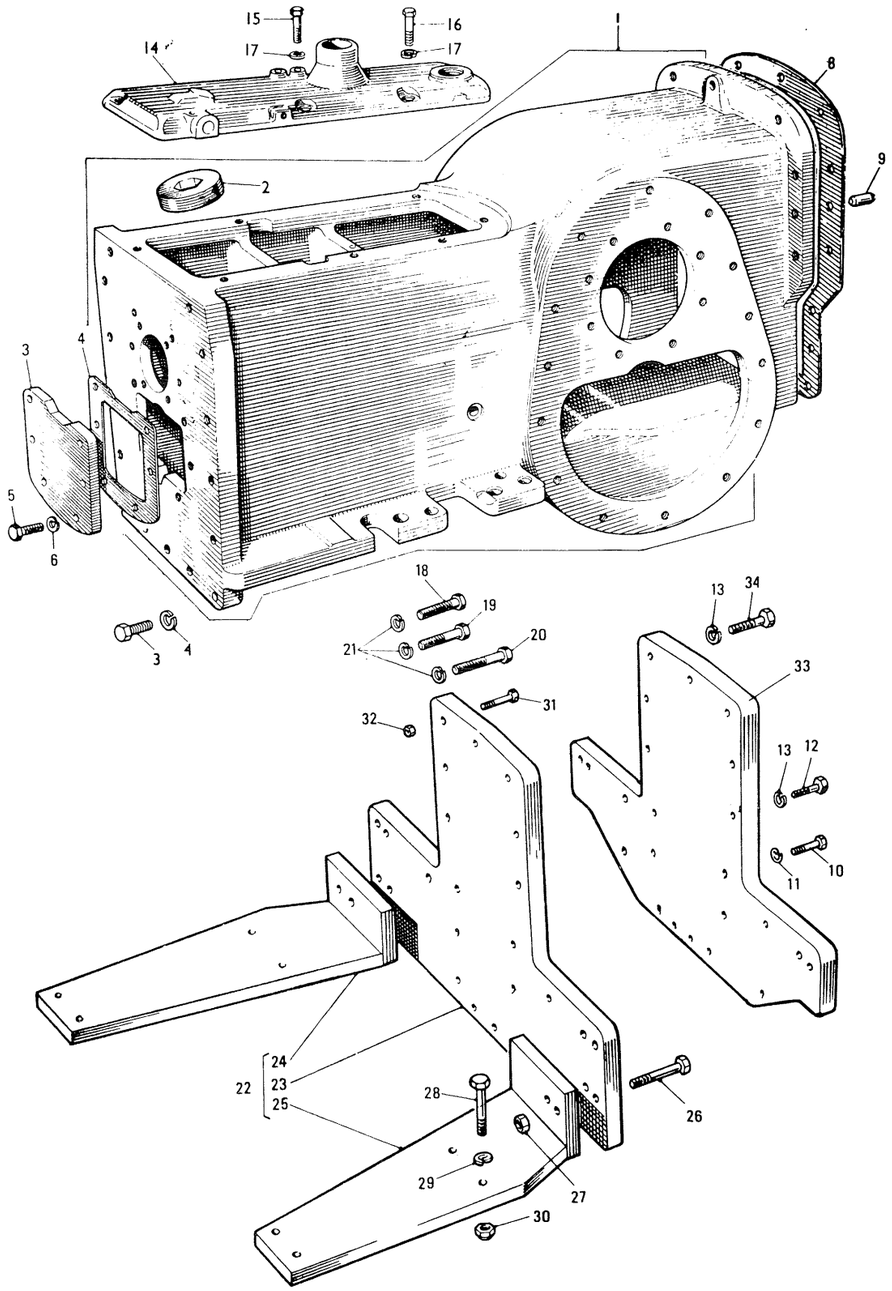
MF 4 GEARBOX CASING
10-SPEED GEARBOX



5252

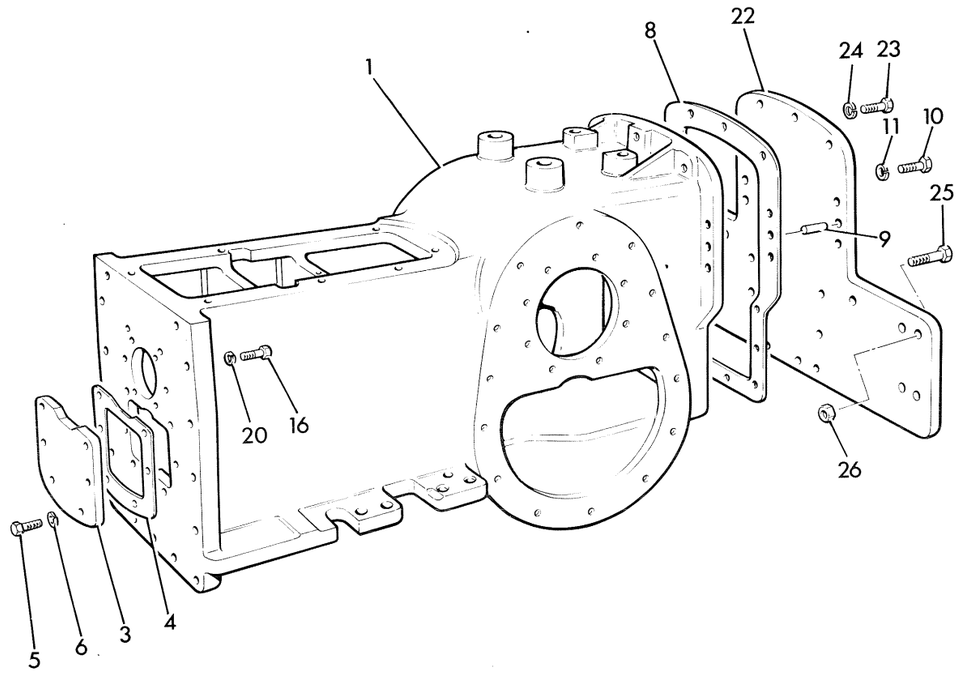
ITEM	PART No.	CHANGE No.	DESCRIPTION		2	3	3C	3D	4C
1	ATJ 9458	....	CASING	....	1	1	1	1	1
2	ATJ 7102	....	Plug	....	3	3	3	3	3
3	NT 6738	....	Cover	....	1	1	1	1	1
4	NT 6739	Superseded	Gasket	....	1	1	1	1	1
	ATJ 5621	Superseded							
	988/00114								
5	HBN 0610	Superseded	Bolt	....	6	6	6	6	6
	1305/3208								
6	LWN 206	Superseded	Washer	....	6	6	6	6	6
	1416/0006								
8	NT 3361	Superseded	Gasket	....	1	1	1	1	1
	ATJ 5630	Superseded							
	988/00127								
9	NT 3582	....	Dowel	....	2	2	2	2	2
10	HBN 0712	Superseded	Bolt	....	8	8	8	8	
	1305/3310								
	HBN 0712	Superseded	Bolt	....					2
	1305/3310								
	1306/3314	....	Bolt	....					6
11	LWN 207	Superseded	Washer	....	8	8	8	8	
	1416/0007								
	LWN 207	Superseded	Washer	....					2
	1416/0007								
	G16/8	Superseded	Washer	....					6
	1416/0007								
12	1305/2112	....	Bolt	....	5	5	7	4	4
13	G16/7	Superseded	Washer	....	5	5	7	4	4
	1416/0010								
14	ATJ 7526	....	Cover	....	1	1	1	1	1
15	HBN 0610	Superseded	Bolt	....	6	6	6	6	6
	1305/3208								
16	HBN 0616	Superseded	Bolt	....	2	2	2	2	2
	1305/3214								
17	LWN 206	Superseded	Washer	....	8	8	8	8	8
	1416/0006								
18	ATJ 1080	....	Bolt	....	5	5	5	5	5
19	ATJ 7257	....	Bolt	....	2	2	2	2	2
20	NT 5548	....	Bolt	....	2	2	2	2	2
21	LWN 209	Superseded	Washer	....	9	9	9	9	9
	1416/0009								
22	AEM 17/43	....	COVER	....	1	1	1		
23	103/28010	....	:Cover Plate	....	1	1	1		

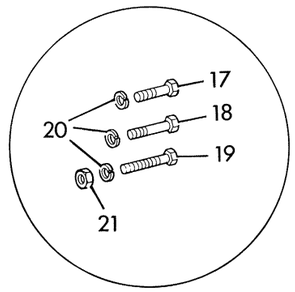
MF 4 GEARBOX CASING 10-SPEED GEARBOX

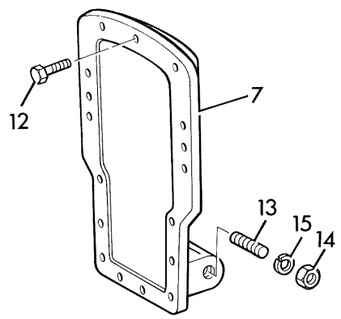


ITEM	PART No.	CHANGE No.	DESCRIPTION	2	3	3C	3D	4C
24	AEM 17/53		:Support Plate N/S	1	1	1		
25	AEM 17/44		:Support Plate O/S	1	1	1		
26	1305/3615		Bolt-Correction was 1305/6615	4	4	4	4	4
27	1340/0603		Nut	4	4	4	4	4
28	1305/3720		Bolt	8	8	8	8	8
29	G16/9	Superseded	Washer	8	8	8	8	8
	1416/0011							
30	1340/0703		Nut	8	8	8	8	8
31	1305/5126		Bolt	2	2			
32	1340/2103		Nut	2	2			
33	AEM 16/32		Plate					1
34	1305/2116		Bolt				3	
	1306/8114		Bolt					3

MF 5 GEARBOX CASING



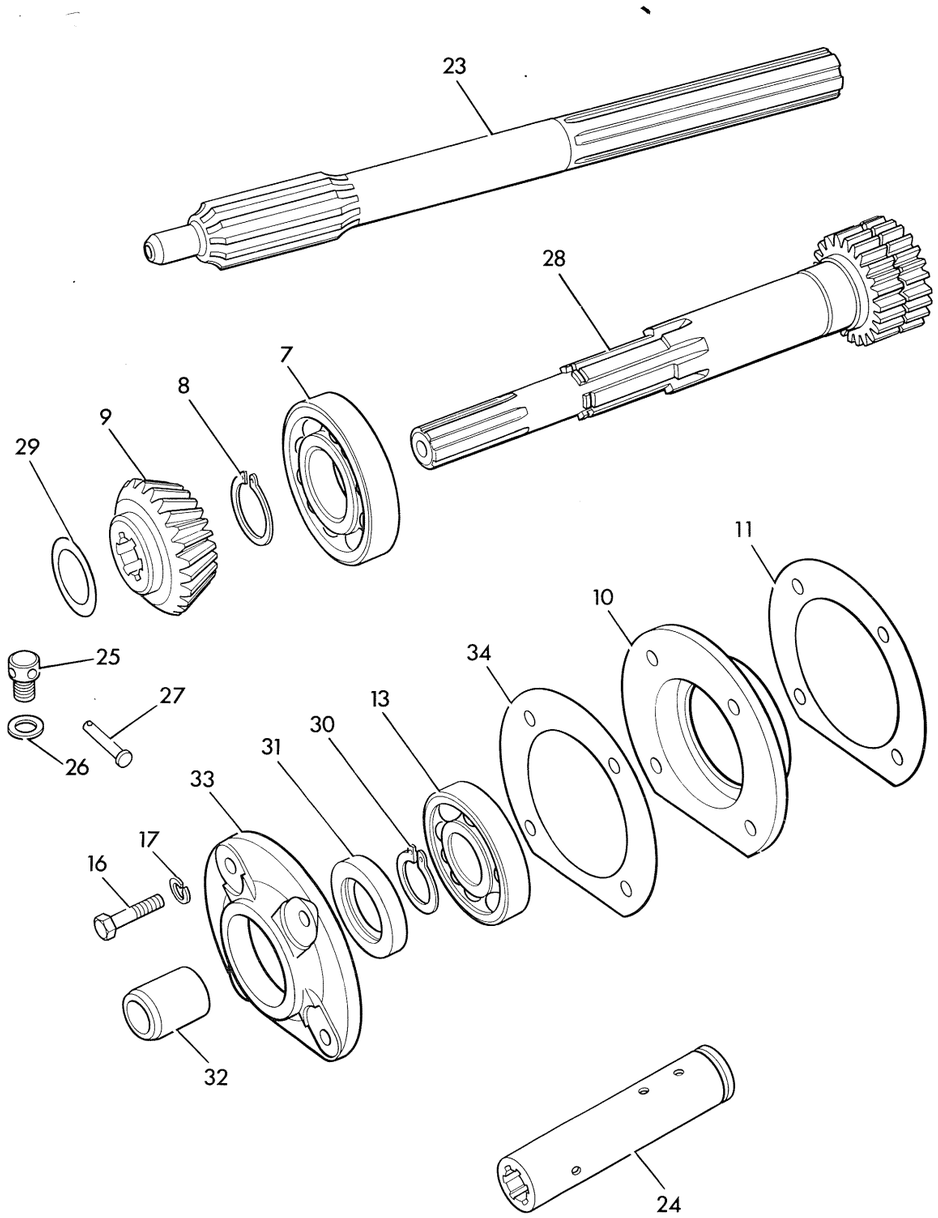




ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 7831	....	Casing	....	1
3	NT 6738	....	Cover	....	1
4	NT 6739 ATJ 5621 988/00114	Superseded Superseded	Gasket	....	1
5	HBN 0610 1305/3208	Superseded	Bolt	....	6
6	LWN 206 1416/0006	Superseded	Washer	....	6
7	ATJ 6411	....	Cover-3 Cylinder	Hydraulic Power Unit not fitted	1
8	NT 3361 ATJ 5630 988/00127	Superseded Superseded	Gasket	....	1
9	NT 3582	....	Dowel	....	2
10	HBN 0712 1305/3310	Superseded	Bolt	....	12
11	LWN 207	....	Washer	....	12
12	ATJ 1071	....	Bolt	....	3
13	NT 6128	....	Stud-Drawbar Link	....	2
14	FNN 112 1340/0701	Superseded	Nut	....	2
15	LWN 212	....	Washer	....	2
16	ATJ 1079	....	Bolt	....	6
17	ATJ 1080	....	Bolt	....	3
18	ATJ 7257	....	Bolt	....	2
19	NT 5548	....	Bolt	....	4
20	LWN 209 1416/0009	Superseded	Washer	....	15
21	ATJ 1081	....	Nut	....	4
22	103/28010 107/40005	To T1111087	Plate-4 Cylinder	....	1
23	1305/2112 HBN 0712 1305/3310	To T1111087 Superseded	Bolt	....	7
24	1416/0010 LWN 207 1416/0007	To T1111087 Superseded	Washer	....	4
25	1305/3718	....	Bolt	....	4
26	1340/0703	....	Nut	....	4

MF 7 PRIMARY SHAFT 5-SPEED GEARBOX

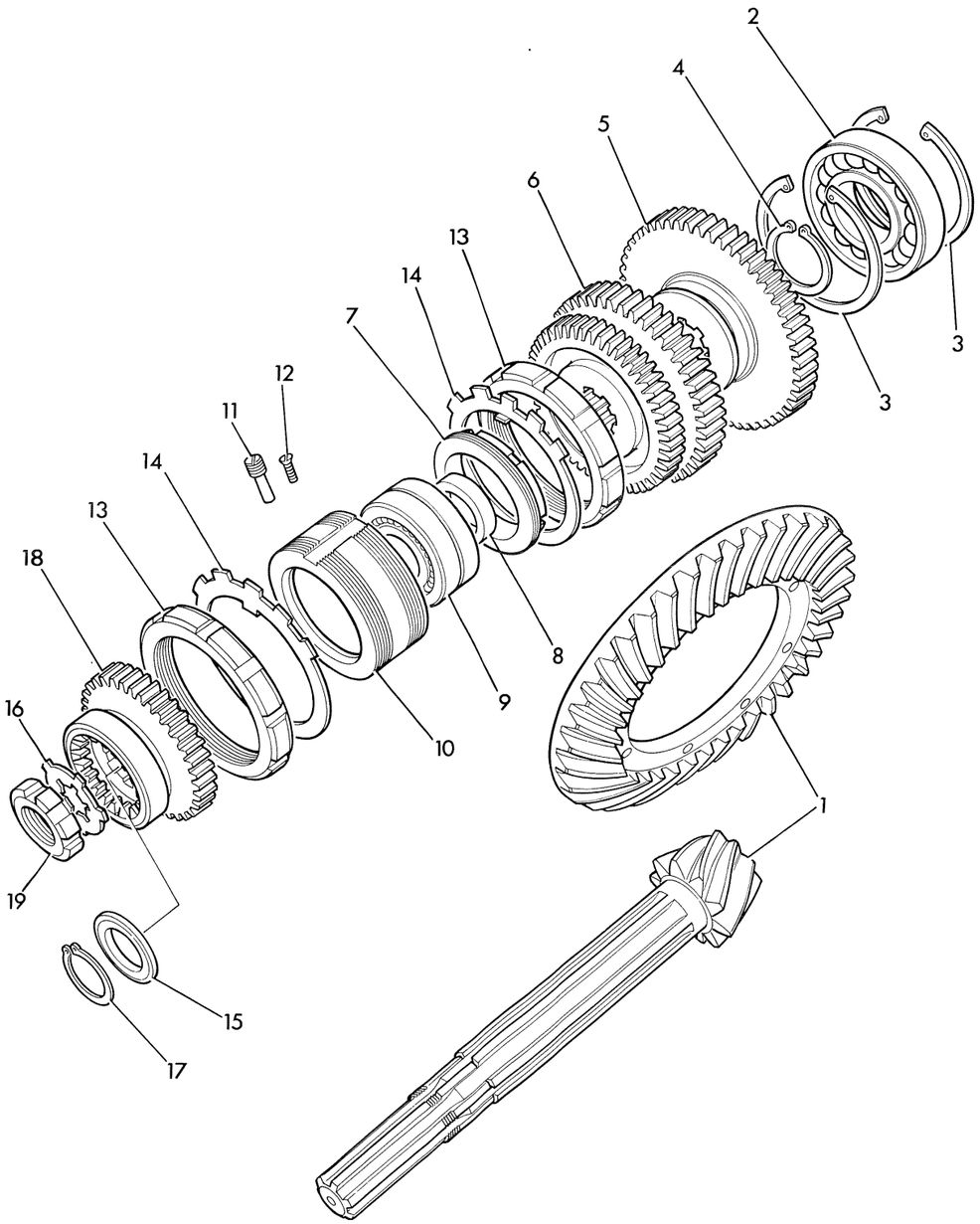
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
7	NT 3053 988/00007	Superseded	Rear Bearing	....	1
8	ESC 040 ESC 40	Superseded	External Circlip	....	1
9	ATJ 7481	....	Pinion	....	1
10	NT 6663	....	Bearing Housing-Front	....	1
11	NT 6665 988/00009	Superseded	Shim-.003in.(.76 mm)	....	As Reqd.
13	6K 538 GHB 119	Superseded	Front Bearing	....	1
16	HBN 0610 1305/3208	Superseded	Bolt	....	4
17	LWN 206 1416/0006	Superseded	Washer	....	4
23	NT 8065 988/00044	Superseded	Transmission Shaft	....	1
24	ATJ 7363	....	Sleeve	....	1
25	ATJ 7240 988/00175	Superseded	Plug	....	1
26	ATJ1027	....	Fibre Washer	....	1
27	CLZ 0427	....	Clevis Pin	....	2
28	NT 6750	....	Primary Shaft	....	1
29	NT 7443	....	Shim-.003in.(.076 mm)		As Reqd.
	NT 7444	....	Shim-.007in.(.178 mm)	One Used of Selected Size	As Reqd.
	NT 7499	....	Shim-.025in.(.635 mm)		As Reqd.
30	ESC 035 ESC 35	Superseded	External Circlip	....	1
31	3H 2129	....	Oil Seal	....	1
32	NT 6741	....	Sleeve	....	1
33	NT 6743	....	Bearing Cover-Front	....	1
34	NT 6665 988/00009	Superseded	Shim-.003in.(.076mm)		As Reqd.
	NT 6666 988/00010	Superseded	Shim-.010in.(.254mm)	One Used of Selected Size	As Reqd. As Reqd.
	N.S.P.	....	Shim-.020in.(.508mm)	Was NT 7497	As Reqd.

MF 9 MAINSHAFT CROWN WHEEL & PINION
5-SPEED GEARBOX

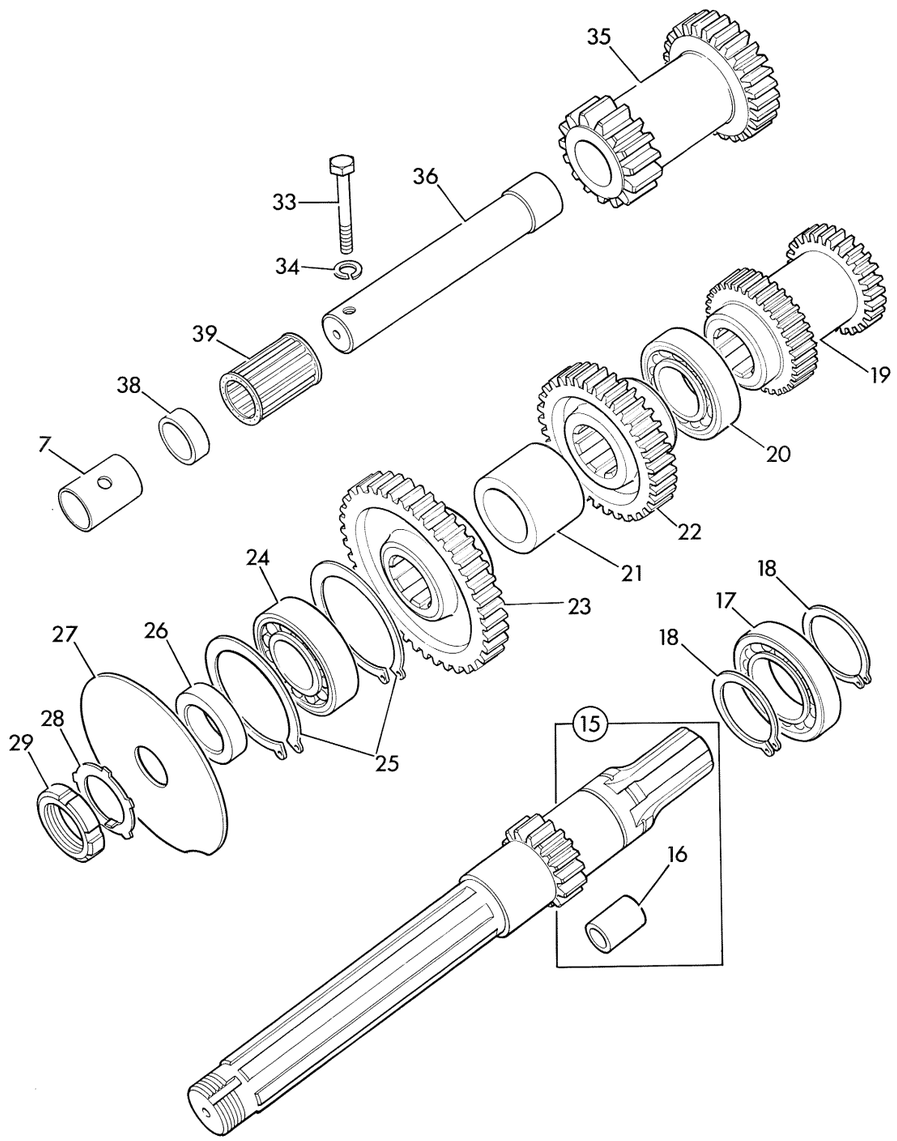
110M **ISSUE** 4



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 7422	....	Mainshaft & Crown Wheel	....	1
2	NT 3059 988/00045	Superseded	Rear Bearing	....	1
3	ATJ 1058	....	Internal Circlip	....	2
4	CCN 128	....	External Circlip	....	1
5	NT 1113 ATJ 7780 CTJ4270 988/00074	Superseded Superseded Superseded	Gear-1st Speed	....	1
6	NT 1114	....	Gear-2nd & 3rd Speed	....	1
7	NT 4958	....	Nut	....	1
8	NT 1119	....	Thrust Collar	....	1
9	NT 3057 ATJ 1089	Superseded	Centre Bearing	....	1
10	NT 4957	....	Bearing Housing	....	1
11	NT 4960	....	Anti-Rotation Pin	....	1
12	CMN 0308 CMN 308	Superseded	Locking Screw	....	1
13	NT 4959	....	Locknut	....	2
14	NT 1747	....	Lock Washer	....	2
15	ATJ 5421	....	Washer .169in.(4.293mm)	....	As Reqd.
	ATJ 7420	....	Washer .172in.(4.369mm)	....	As Reqd.
	ATJ 7419	....	Washer .175in.(4.445mm)	....	As Reqd.
	ATJ 7418	....	Washer .178in.(4.521mm)	....	As Reqd.
	ATJ 7417	....	Washer.181in.(4.597mm)	....	As Reqd.
16	ATJ 7416	....	Locking Washer	....	1
17	ESC 040 ESC 40	Superseded	External Circlip	....	1
18	NT 4643	....	Gear-4th & 5th Speed	....	1

MF 10 LAYSHAFT 5-SPEED GEARBOX

110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
15	ATJ 7103	....	Layshaft	....	1
16	ATJ 6053	....	:Spigot Bush	....	1
17	ATJ 1020 988/00069	Superseded	Rear Bearing	....	1
18	ESC 050 ESC 50	Superseded	External Circlip	....	2
19	NT 6771 988/00089	Superseded	Gear-2nd & 3rd Speed	35-40T	1
20	ATJ 1020 988/00069	Superseded	Centre Bearing	....	1
21	NT 6774	....	Distance Piece	....	1
22	NT 6772	....	Gear-4th Speed	....	1
23	ATJ 7285	....	Gear-Constant Mesh	....	1
24	ATJ 1020 988/00069	Superseded	Front Bearing	....	1
25	ISC 390	....	External Circlip	....	2
26	NT 6775	....	Spacer	....	1
27	NT 6723	....	Oil Thrower	....	1
28	NT 6725 ATJ 7855	Superseded	Lock Washer	....	1
29	NT 6724 ATJ 7854	Superseded	Locknut	....	1
33	HBN 0620 1305/3218	Superseded	Bolt	....	1
34	LWN 206 1416/0006	Superseded	Washer	....	1
35	NT 8356	....	Reverse Gear	....	1
36	NT 8357	....	Shaft	....	1
37	NT 8358	....	Bush	....	1
38	NT 8359	....	Spacer	....	1
39	NT 8360	....	Bearing	....	2

ISSUE 2

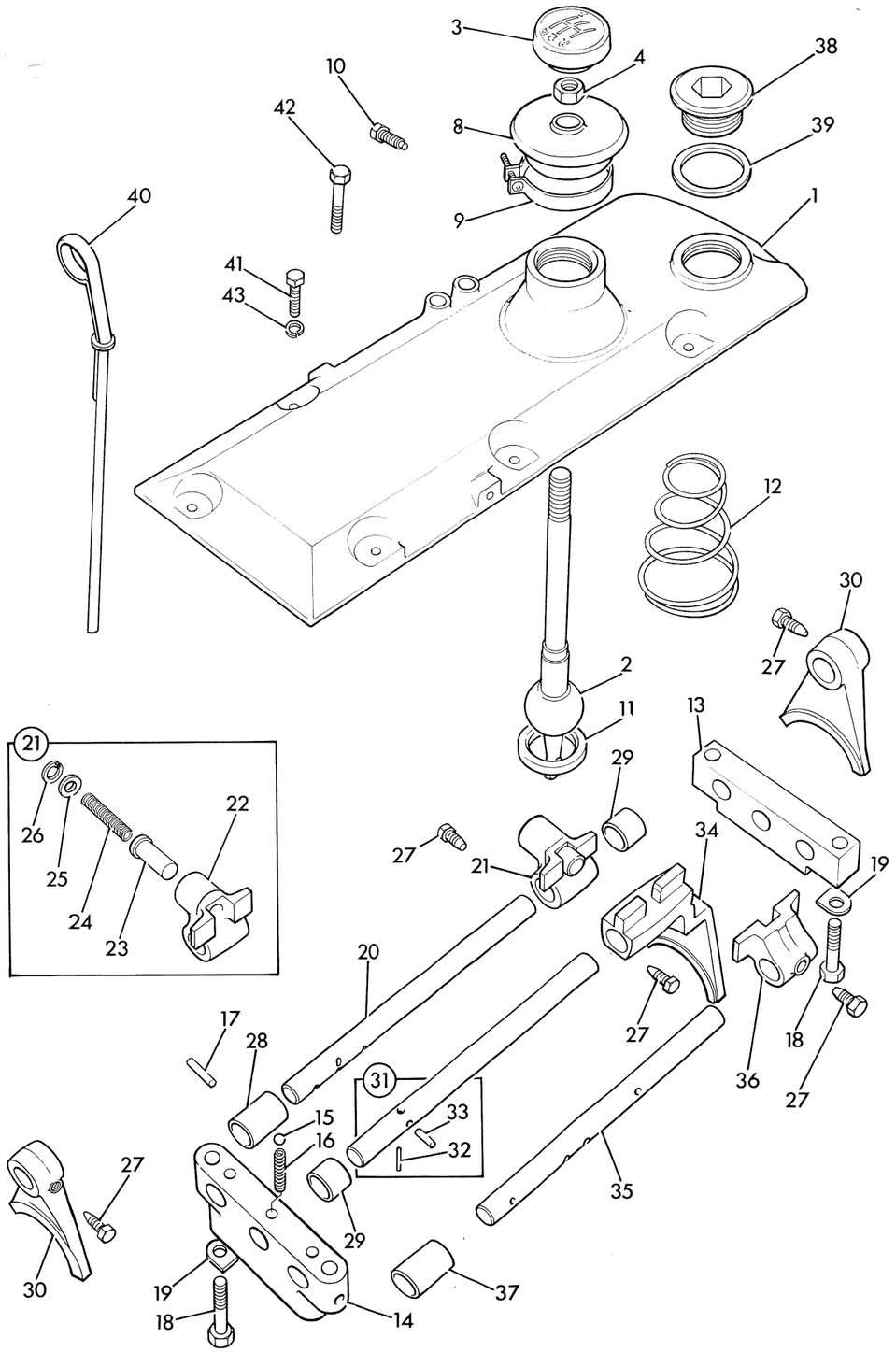
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Pages MF11 to MF18

PCA110M

MF 11 GEAR LEVER & SELECTORS 5-SPEED GEARBOX

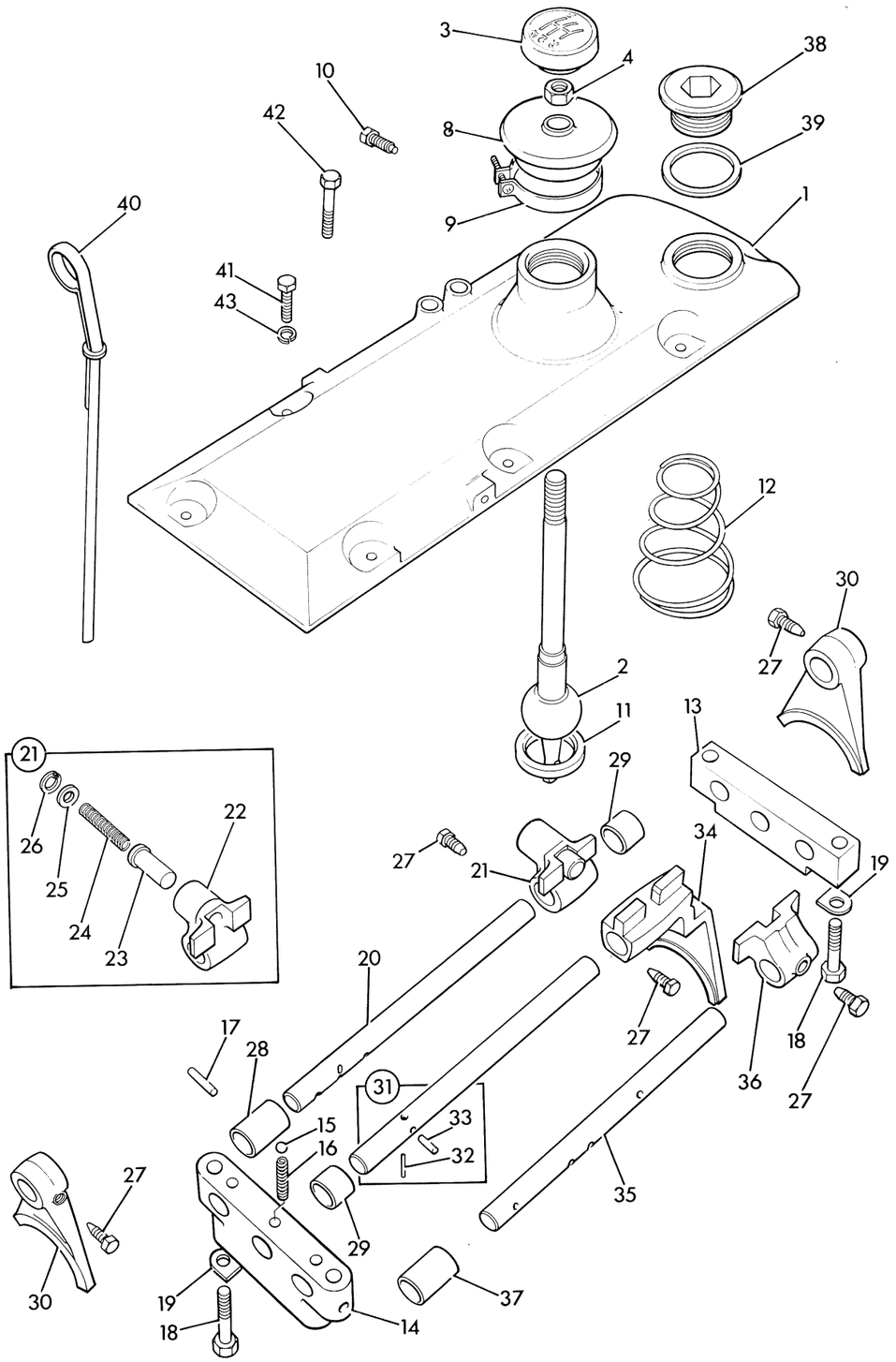
110M **ISSUE** 5



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	N.S.P	....	Gearbox Cover	Was ATJ 7156	1
2	NT 5796		Gear Lever	....	1
3	NT 5804	....	Knob	....	1
4	FNZ 208	....	Nut	....	1
8	ATJ 7376	....	Lever Gaiter	....	1
9	HCS 340 HCS 1622 2201/0012	Superseded Superseded	Clip	....	1
10	ATJ 7157 ATJ 7977	Superseded	Locating Pin	....	1
11	NT 1138	....	Lever Retainer	....	1
12	NT 1134	....	Spring	....	1
13	NT 1140	....	Block-Bearing	....	1
14	NT 5201	....	Block-Interlock	....	1
15	BLS 110	....	Bolt	....	3
16	ATJ 1003	....	Spring	....	3
17	NT 5025	....	Plunger-Interlock	....	2
18	ATJ 1009	....	Bolt	....	4
19	NT 5202 ATJ7773	Superseded	Tab Washer	....	4
20	NT 6096	....	Selector Rod-1st and Reverse	....	1
21	NT 6105 ATJ 5224	Superseded	Jaw & Plunger 1st and Reverse	....	1
22	N.S.P.	....	:Jaw	Was ATJ 7762	1
23	NT 5994	....	:Plunger	....	1
24	ATJ 1004	....	:Spring	....	1
25	NT 5995	....	:Washer	....	1
26	ISC 319	....	:Internal Circlip	....	1
27	NT 5798 ATJ 7775	Superseded	Retaining Pin	....	5
28	NT6006	....	Distance Tube	Intermediate	1
29	NT 6005	....	Distance Tube	Short	2
30	NT 5797 ATJ 7892	Superseded	Selector Fork-1st and Reverse	....	2
31	NT 5175	....	Selector Rod-2nd & 3rd	....	1
32	NT 5024	....	:Pin-Interlock	....	1
33	ATJ 1034	....	:Locking Pin	....	1
34	ATJ 7760	....	Selector Fork-2nd & 3rd	....	1

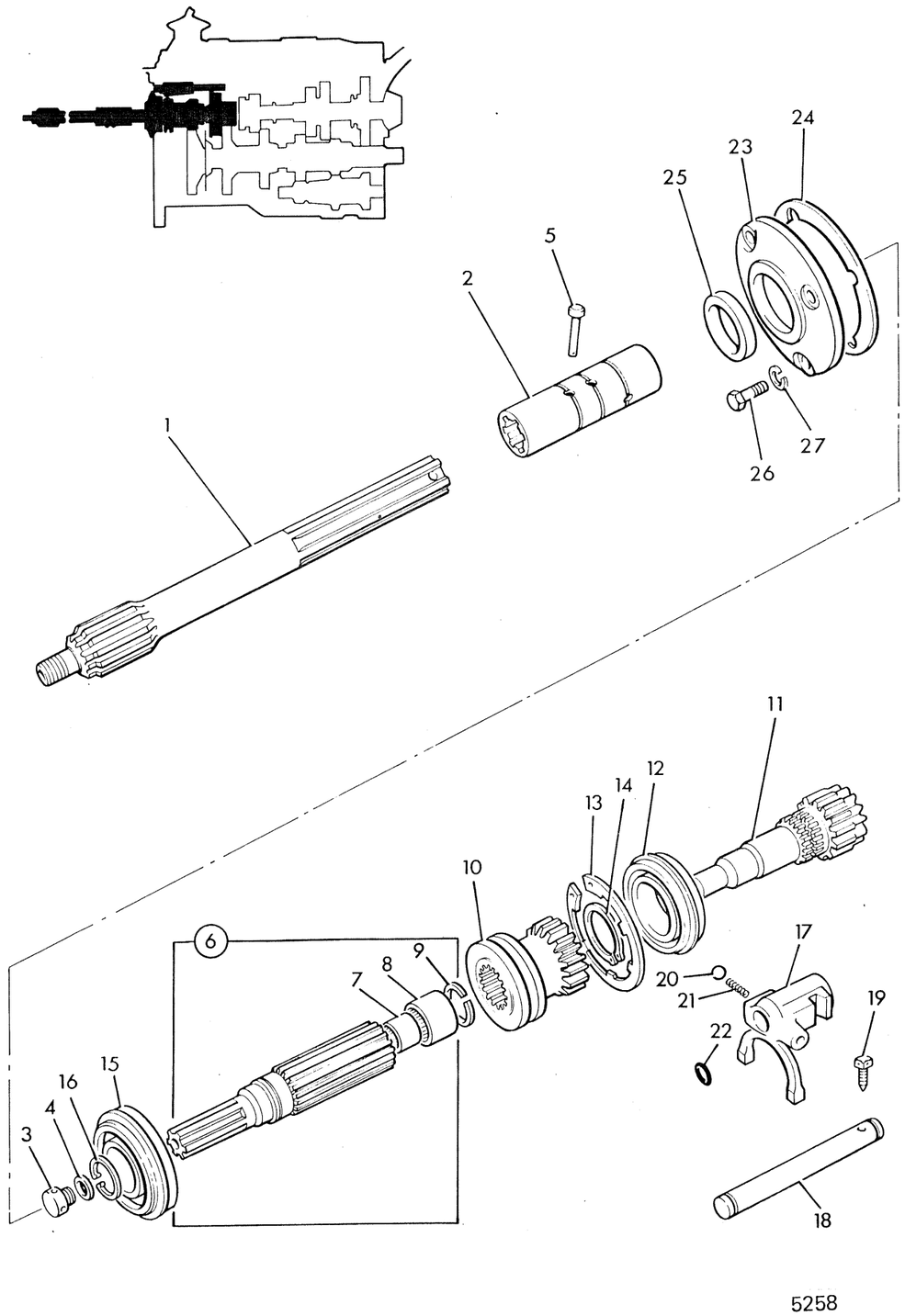
MF 11 GEAR LEVER & SELECTORS 5-SPEED GEARBOX

110M ISSUE 1



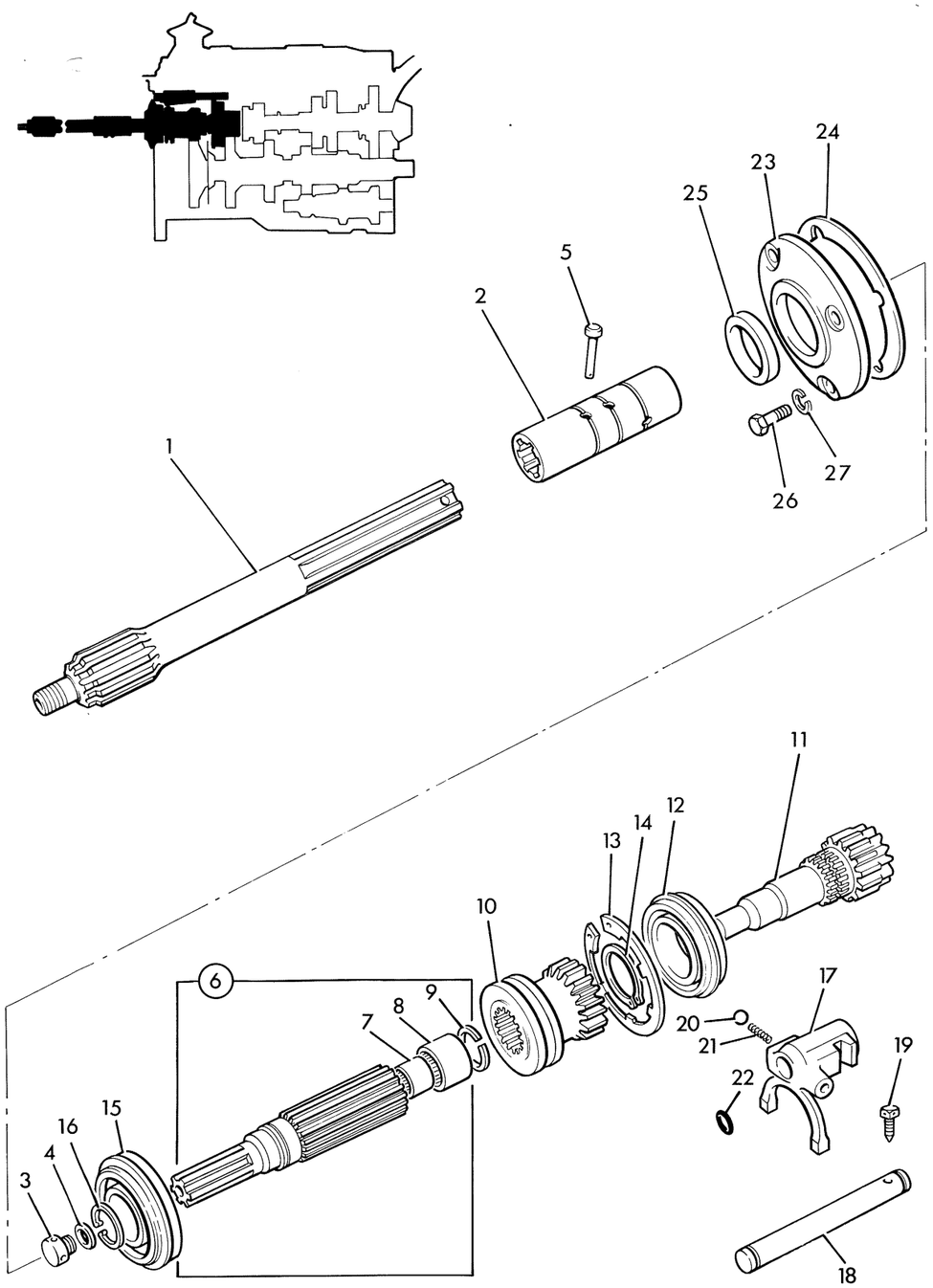
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
35	NT 6114	....	Selector Rod 4th & 5th	....	1
36	ATJ 7761	....	Selector Jaw	....	1
37	NT 6004	....	Distance Tube	Long	1
38	NT 5847	....	Filler Plug	....	1
39	ATJ 1030	....	Washer	....	1
40	NT 5292	....	Gearbox Dipstick	....	1
41	HBN 0610 1305/3208	Superseded	Bolt	....	7
42	HBN 0616 1305/3214	Superseded	Bolt	....	1
43	LWN 206 1416/0006	Superseded	Washer	....	8

MF 14 PRIMARY SHAFT



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 8065 988/00044	Superseded	Transmission Shaft	....	1
2	ATJ 7363 ATJ 5611 988/00081	See Remarks Superseded	Sleeve	ATJ7363 N/A Use ATJ5611 with 2 off ATJ5612 & 2 off ATJ5613	1
3	ATJ 7240 988/00175	Superseded	Plug	....	1
4	ATJ 1027	....	Washer	....	1
5	CLZ 0427 CLZ 0426 CLZ 426	Superseded Superseded	Clevis Pin	....	2
6	ATJ 7654 ATJ 7895 988/00078	See Remarks Superseded	Primary Shaft	ATJ7654 N/A Use ATJ7895 with ATJ2123	
7	ATJ 2089	....	:Bearing	....	1
8	ATJ 2074	....	:Bearing	....	1
9	ATJ 1067	....	:Spring Ring	....	1
10	ATJ 7643 988/00083	Superseded	Gear	....	1
11	ATJ7644 988/00084	Superseded	Stub Shaft	....	1
12	ATJ 2060 988/00068	Superseded	Bearing	....	1
13	ATJ 2016	....	Circlip	....	1
14	ATJ 1066	....	Circlip	....	1
15	6K 777 988/00067	Superseded	Bearing	....	1
16	ESC 40	....	Circlip	....	1
17	ATJ 7527	....	Selector Fork	....	1
18	ATJ 7528 ATJ 7900	To G10B37153	Selector Shaft	ATJ7528 N/A Use ATJ7900 with ATJ 7901 & ATJ1090	1
19	NT 5798 ATJ 7775 ATJ 5517	Superseded Superseded	Pin	....	1
20	BLS 110 ATJ 7901	To G10B37153	Ball Pin	....	1
21	ATJ 1003 ATJ 1090	To G10B37153	Spring	....	1
22	TRS 0710 ATJ 2135	Superseded	'O'Ring	....	1
23	ATJ 7521	....	Cover	....	1

MF 14 PRIMARY SHAFT

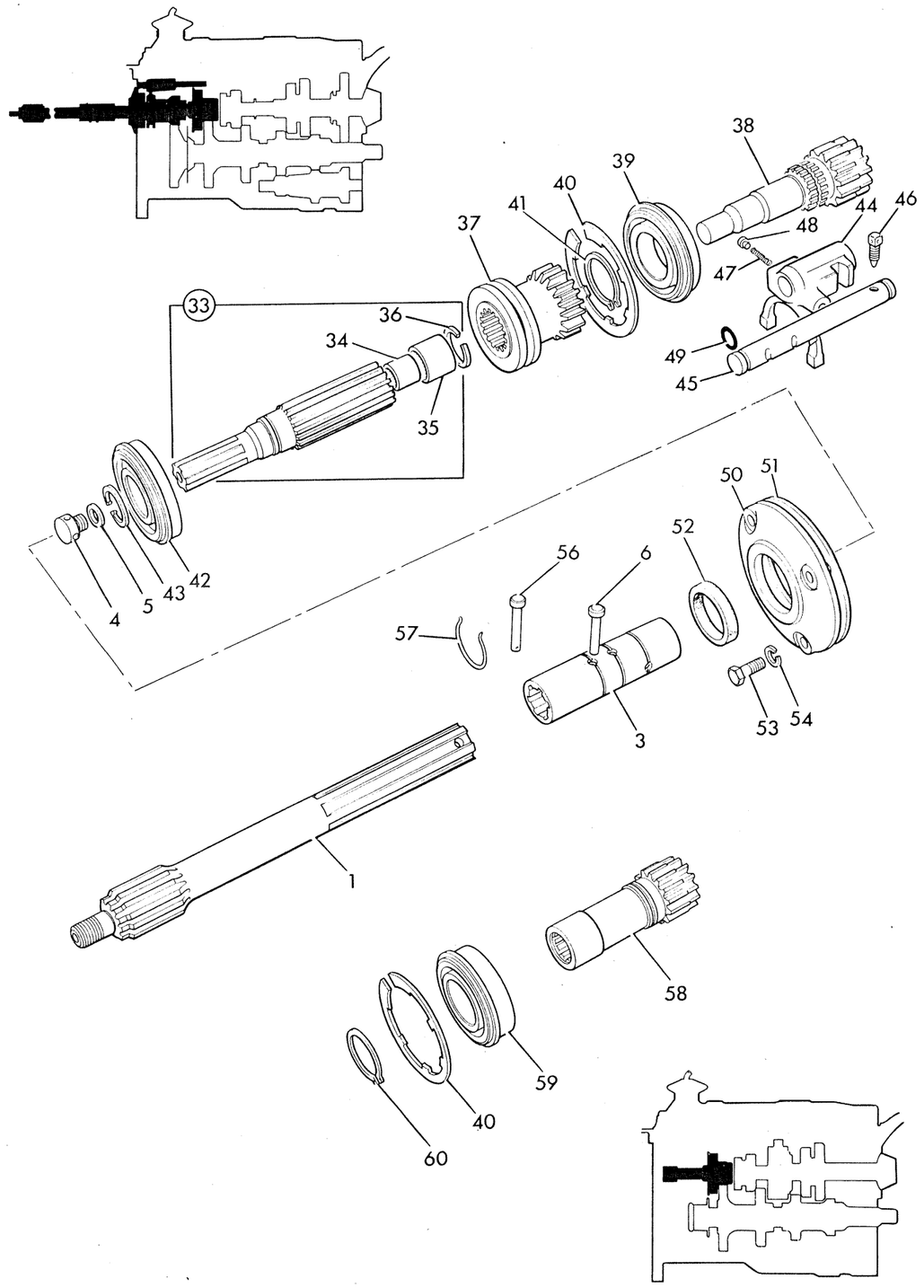


5258

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
24	ATJ 7522 ATJ 7774 ATJ 5617 988/00116	Superseded Superseded Superseded	Gasket	....	1
25	3H 2129	....	Oil Seal	Use with ATJ 4654	1
	ATJ 2123	....	Oil Seal	Use with ATJ 7895	1
26	HNS 510 1305/0108	Superseded	Bolt	....	4
27	LWN 205 1416/0005	Superseded	Washer	....	4
28	ATJ 7916	....	Stud	....	1
29	ATJ 7915	....	Bracket	....	1
30	BTJ 239	....	Spring	....	1
31	LWN 206 1416/0006	Superseded	Washer	....	1
32	FNN 606 1340/0202	Superseded	Nut	....	1

MF 14–1 PRIMARY SHAFT

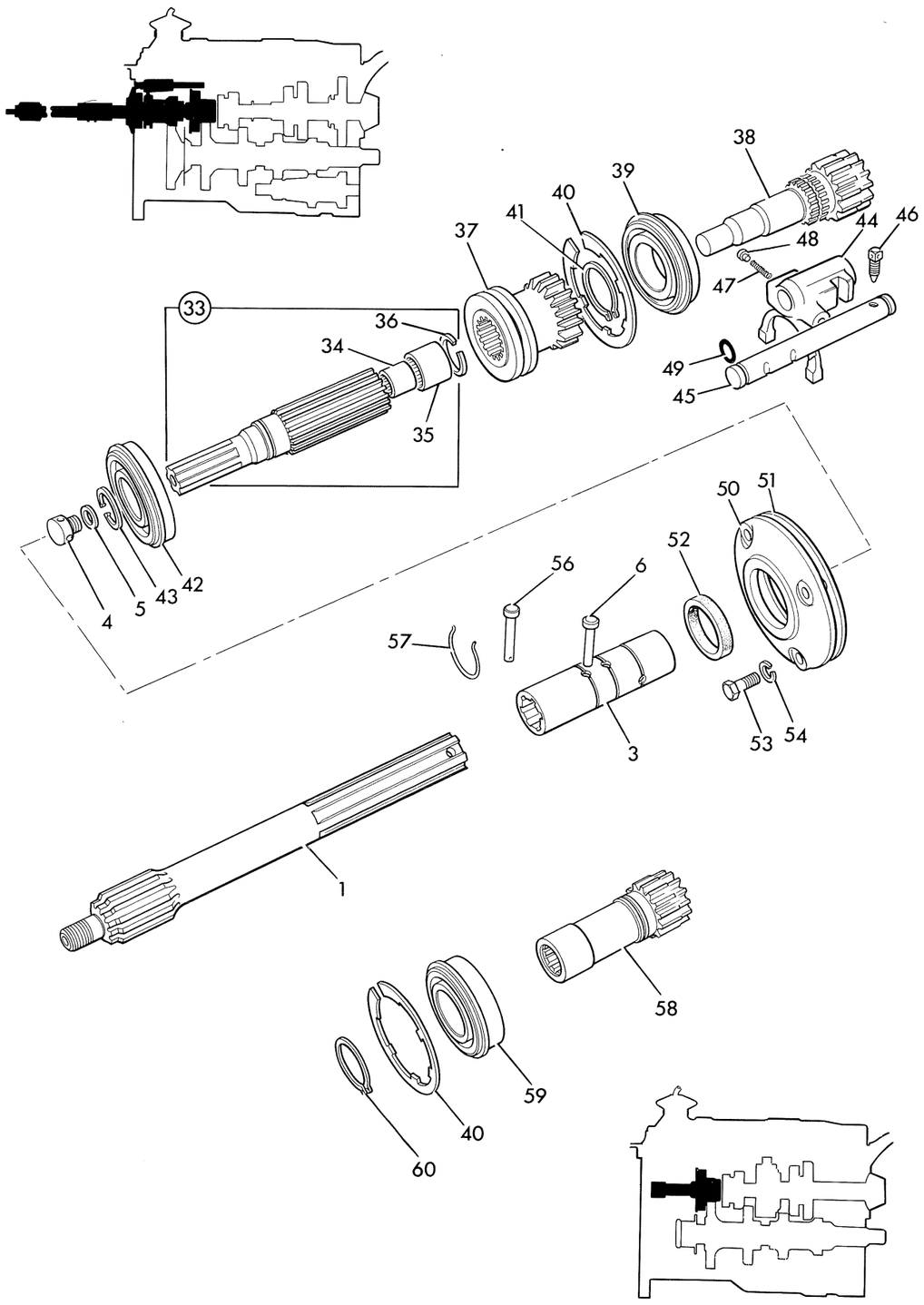
110M **ISSUE** 6



5259

ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD STD	TC/ 3R	TC/3	Road Speed Control
1	NT 8065 988/00044	Superseded	Transmission Shaft	1			1
3	ATJ 7363 ATJ 5611 988/00081	To T121935	Sleeve ATJ7363 N/A Use ATJ5611 with 1 off ATJ5612 & 2 off ATJ5613	1			1
4	ATJ 7240 988/00175	Superseded	Plug	1			1
5	ATJ 1027	....	Washer		1		1
6	CLZ 426	To T121935	Clevis Pin	2			2
33	ATJ 7895 988/00078	Superseded	Primary Shaft	1			1
34	ATJ 2089	....	:Bearing	1			1
35	ATJ 2074	....	:Bearing	1			1
36	ATJ 1067	....	:Spring Ring	1			1
37	ATJ 7643 988/00083	Superseded	Gear	1			1
38	ATJ 7644 988/00084	Superseded	Stub Shaft	1			1
39	ATJ 2060 988/00068	Superseded	Bearing	1			1
40	ATJ 2016	....	Circlip	1	1	1	1
41	ATJ 1066	....	Circlip	1			1
42	6K 777 988/00067	Superseded	Bearing	1			1
43	ESC 40	....	Circlip	1			1
44	ATJ 7834	....	Selector Fork	1			1
	ATJ 7950	....	Selector Fork				1
45	ATJ 7924	....	Selector Shaft	1			1
46	ATJ 7775 ATJ 5517 ATJ 5604	Superseded To T121907	Pin	1			1
46A	FNZ 105 1340/0101	Superseded T121908 on	Nut	1			1
47	ATJ 1090	....	Spring	1			1
48	ATJ 7901	....	Pin	1			1
49	TRS 0710 ATJ 2135	Superseded	'O'Ring	1			1
50	ATJ 7521	....	Cover	1			1
51	ATJ 7774 ATJ 5617 988/00116	Superseded Superseded	Gasket	1			1

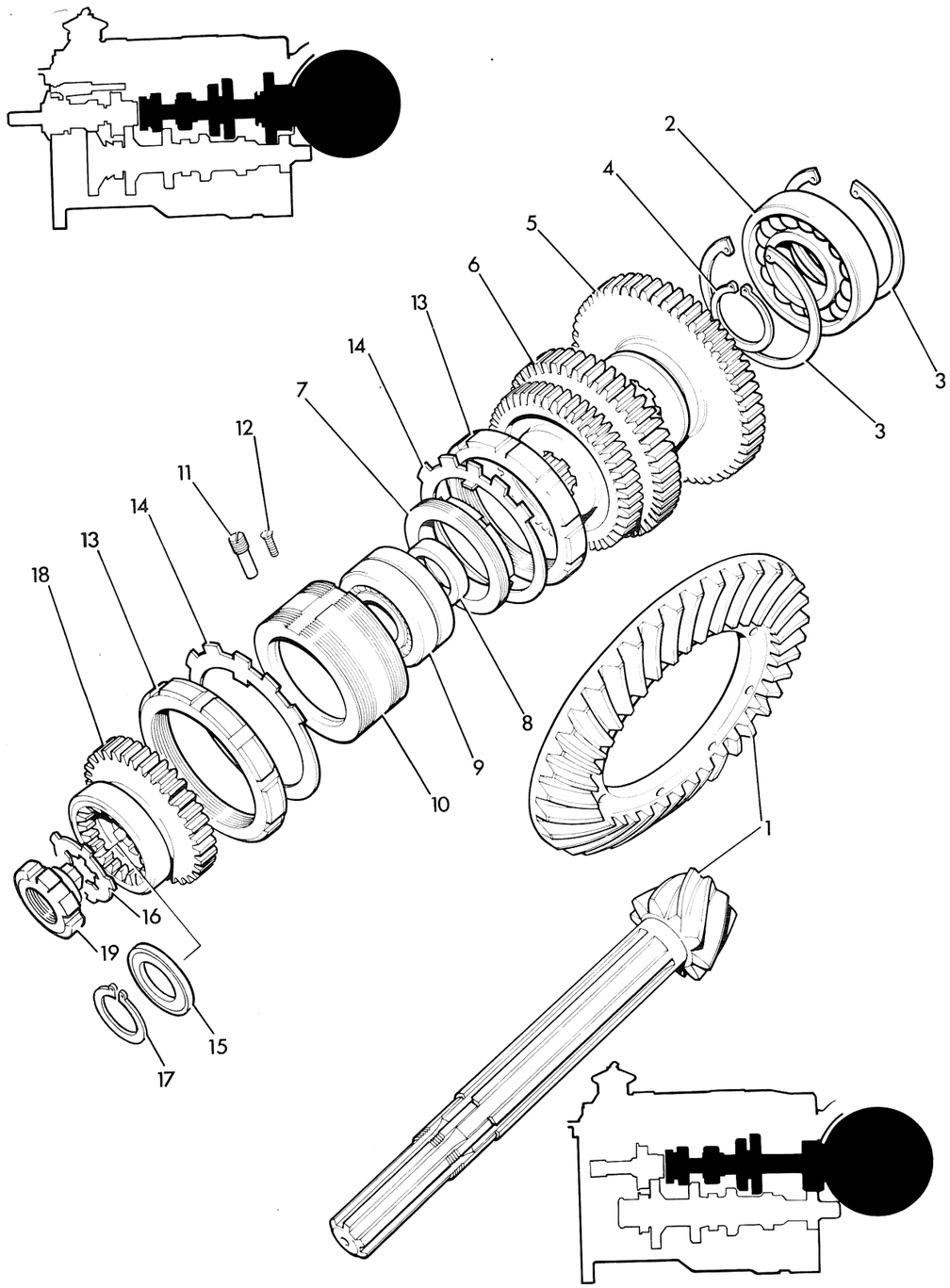
MF 14–1 PRIMARY SHAFT



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD STD	TC/ 3R	TC/3	Road Speed Control
52	ATJ 2123	....	Oil Seal	1			1
53	HNS 0509 1305/0107	Superseded	Bolt	4			4
54	LWN 205 1416/0005	Superseded	Washer	4			4
56	ATJ 5612	....	Retaining Pin	2			2
57	ATJ 5613	....	Snap Ring	1			1
58	ATJ 5563 988/00145	Superseded	Gear		1	1	
59	ATJ 5560	....	Bearing		1	1	
60	CCN 132 2203/0064	Superseded	Circlip		1	1	

5259

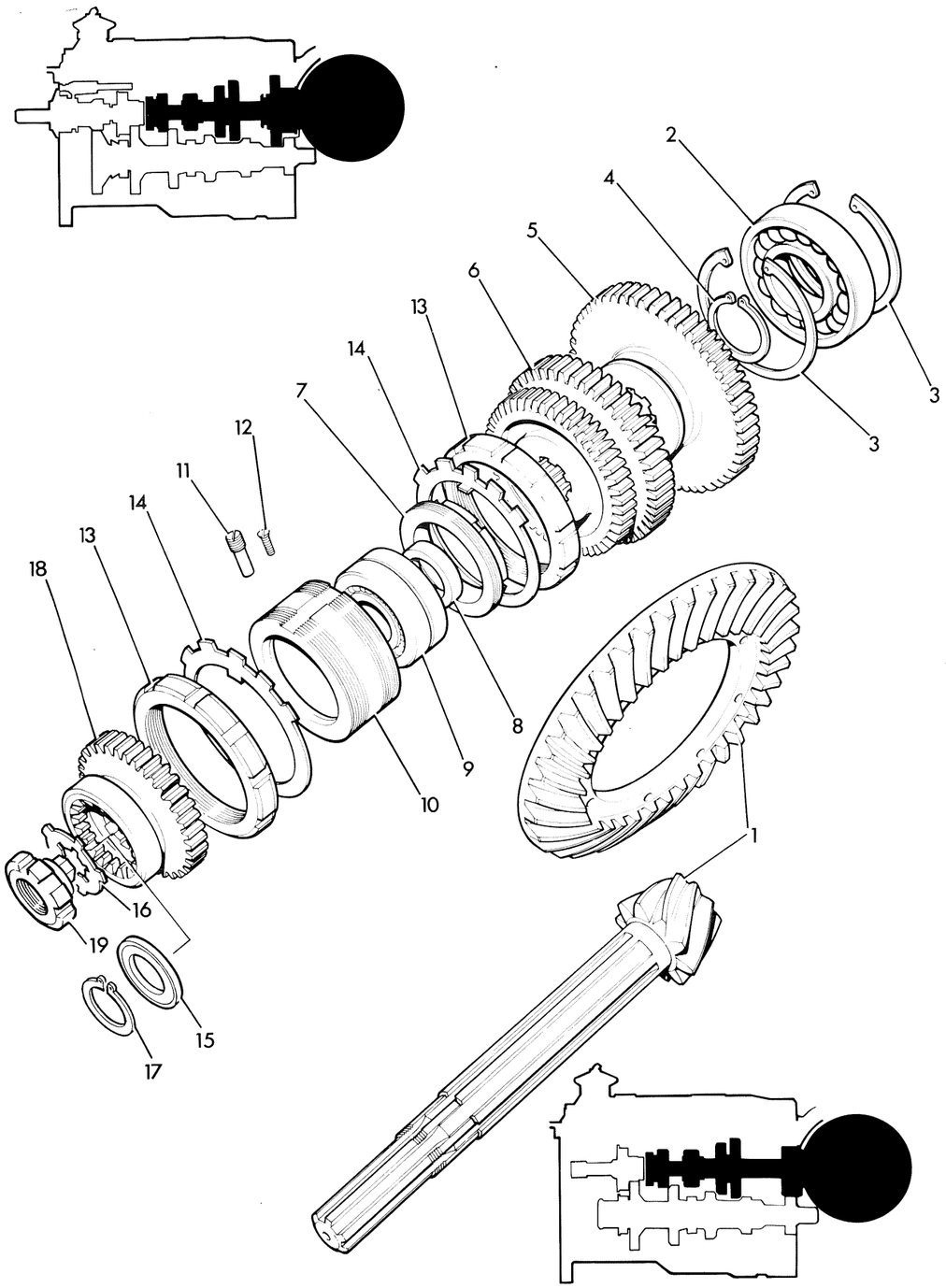
MF 15 MAINSHAFT CROWN WHEEL & PINION



3629

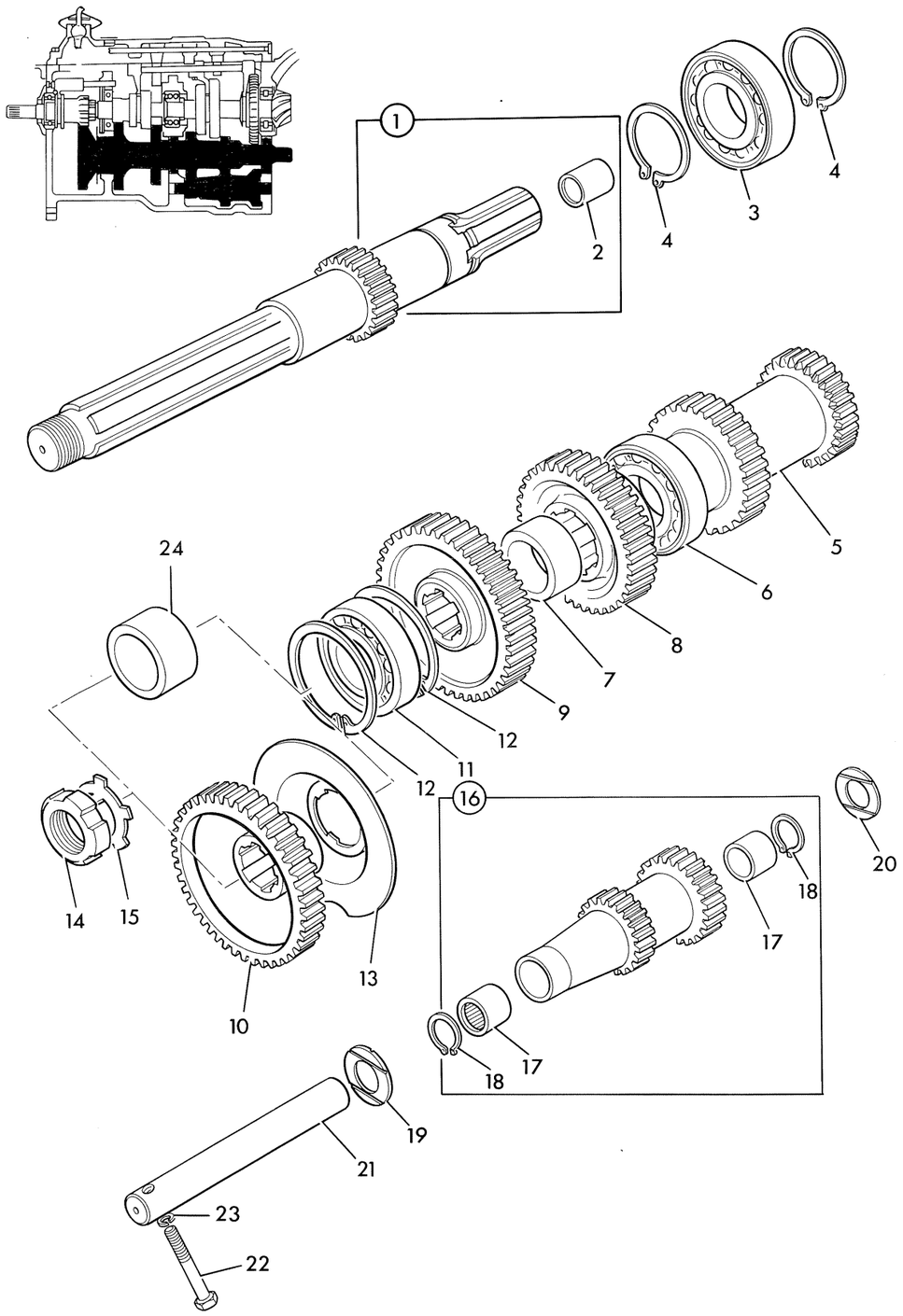
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 7422 ATJ 7968 988/00161	To T98999 Superseded	Main Shaft & Crown Wheel	....	1
2	NT 3059 988/00045	Superseded	Rear Bearing	....	1
3	ATJ 1058	....	Internal Circlip	....	2
4	CCN 128 2203/0059	Superseded	External Circlip	....	1
5	NT 1113 ATJ 7780 CTJ 4270 988/00074	Superseded Superseded Superseded	Gear-1st Speed-Main Shaft STD/TC 3R machines only	....	1
6	ATJ 7512 ATJ 5633 988/00075	Superseded Superseded	Gear-2nd & 3rd Speed -Main Shaft	....	1
7	NT 4958 ATJ 7867	To T98999	Nut-Bearing	....	1
8	NT 1119 ATJ 7863	To T98999	Thrust Collar	....	1
9	AMK 7016 ATJ 1089 ATJ 7862 988/00094	.... To T98999 Superseded	Centre Bearing	....	1
10	NT 4957 ATJ 7870	To T98999	Bearing Housing	....	1
11	NT 4960	....	Anti-Rotation Pin	....	1
12	CMN 0308 CMN 308 CMZ308	Superseded Superseded	*Screw	....	1
13	NT 4959 ATJ 7866	To T98999	Locknut	....	2
14	NT 1747 ATJ 7868	To T98999	Lockwasher	....	2
15	ATJ 7421 ATJ 7420	Superseded	Washer-Main Shaft-169in. (4.293mm)	....	As Reqd.
	ATJ 7420	To T98999	Washer-Main Shaft-172in. (4.369mm)	....	As Reqd.
	ATJ 7419	To T98999	Washer-Main Shaft-175in. (4.445mm)	....	As Reqd.
	ATJ 7418	To T98999	Washer-Main Shaft-178in. (4.521mm)	....	As Reqd.
	ATJ 7417	To T98999	Washer-Main Shaft-181in. (4.597mm)	....	As Reqd.
16	ATJ 7416 ATJ 7865	To T98999	Locking Washer	....	1

MF 15 MAINSHAFT CROWN WHEEL & PINION



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
17	ESC 040 ESC 40	Superseded	External Circlip	....	1
18	ATJ 7513 ATJ 7871 CTJ 3068 988/00146	To T98999 Superseded Superseded	Gear-4th & 5th Speed -Main Shaft	....	1
19	ATJ 7864 988/00170	Superseded T99001 on	Locknut	....	1
20	CTJ 5287	....	Washer	....	1

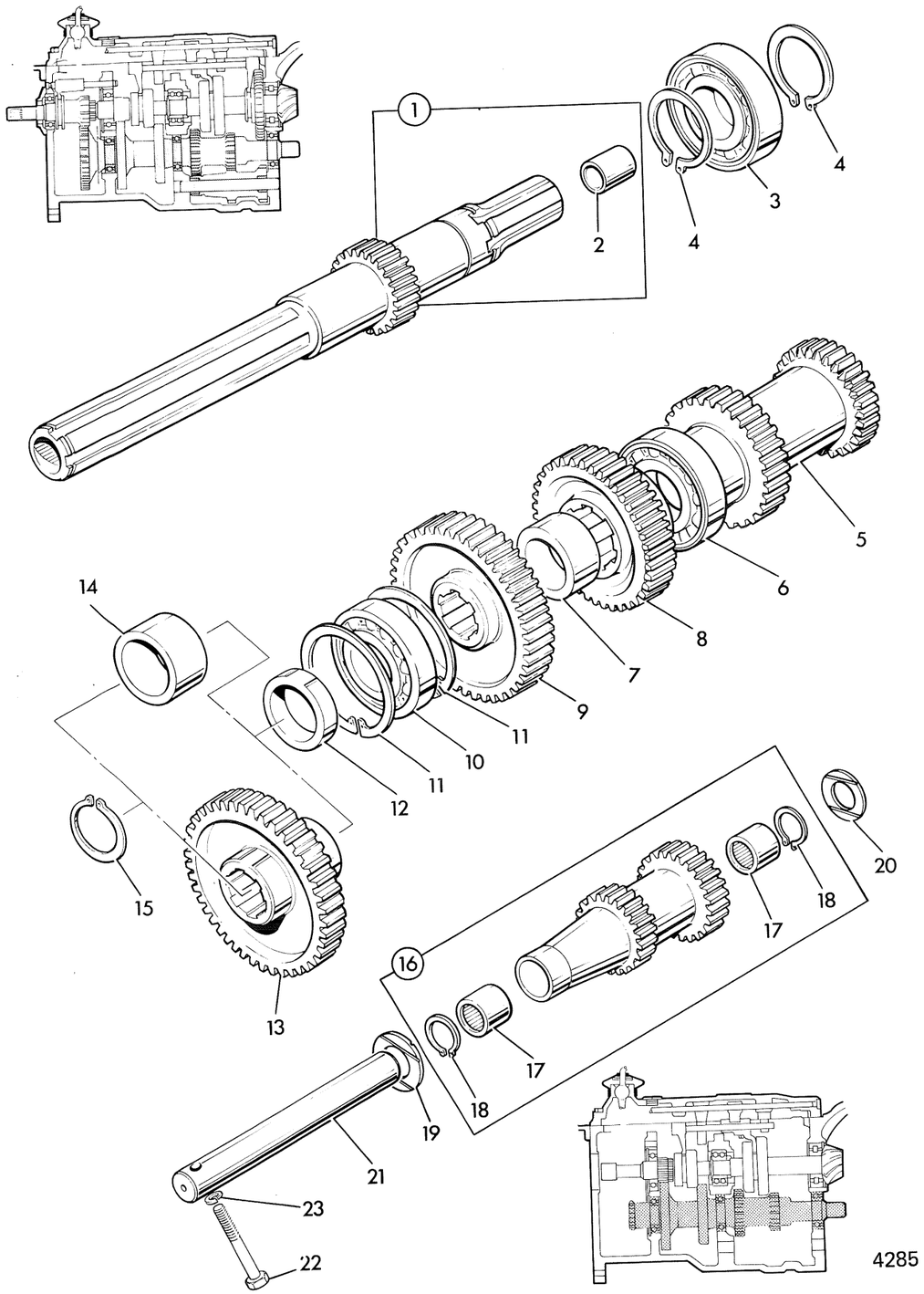
3629



ITEM	PART No.	CHANGE No.	DESCRIPTION	QTY. OFF BUILD STD	TC/ 3R	TC/3
1	ATJ 7500	See Remarks	Layshaft - ATJ7500 N/A Use 988/00085 + CTJ5236 & Spacer item 12,page MF16.1,83H723 also 988/00136 STD Trans. or CTJ5767 T/C Trans.	1	1	1
				1	1	1
2	ATJ 6053	....	:Bush	1	1	1
3	ATJ1020 988/00069	Superseded	Bearing	1	1	1
4	ESC 050 ESC50	Superseded	Circlip	2	2	2
5	ATJ 7504 988/00073	Superseded	Gear-2nd & 3rd Reverse	1	1	1
6	ATJ 1020 988/00069	Superseded	Bearing	1	1	1
7	NT 6774	....	Distance Piece	1	1	1
8	ATJ 7505 988/00141	Superseded	Gear-4th Speed	1	1	1
9	ATJ 7506 988/00142	Superseded	Gear-Constant Mesh .... Low Range	1	1	1
10	ATJ 7507 988/00143	Superseded	Gear-Constant Mesh .... High Range			1
11	ATJ 1020 988/00069	Superseded	Bearing	1	1	1
12	ISC 390	....	Circlip	2	2	2
13	ATJ 7631	....	Oil Thrower	1		
14	ATJ 7854	....	Locknut	1	1	1
15	ATJ 7855	....	Washer	1	1	1
16	ATJ 7508 ATJ 7755 ATJ 7783 988/00082	To T75082 Superseded Superseded	Reverse Gear	1	1	
17	ATJ 2082	....	Bearing	2	2	
18	ATJ 1068	....	:Circlip	2	2	
19	ATJ 7665	....	Thrust Washer	1	1	
20	ATJ 7666	....	Thrust Washer	1	1	
21	ATJ 7511	....	Shaft	1	1	
22	HBN 618 1305/3216	Superseded	Bolt	1	1	
23	LWN 206 1416/0006	Superseded	Washer	1	1	
24	ATJ 5559 446/00303	Superseded	Collar		1	1
25	CTJ 5236	....	Washer	1	1	1

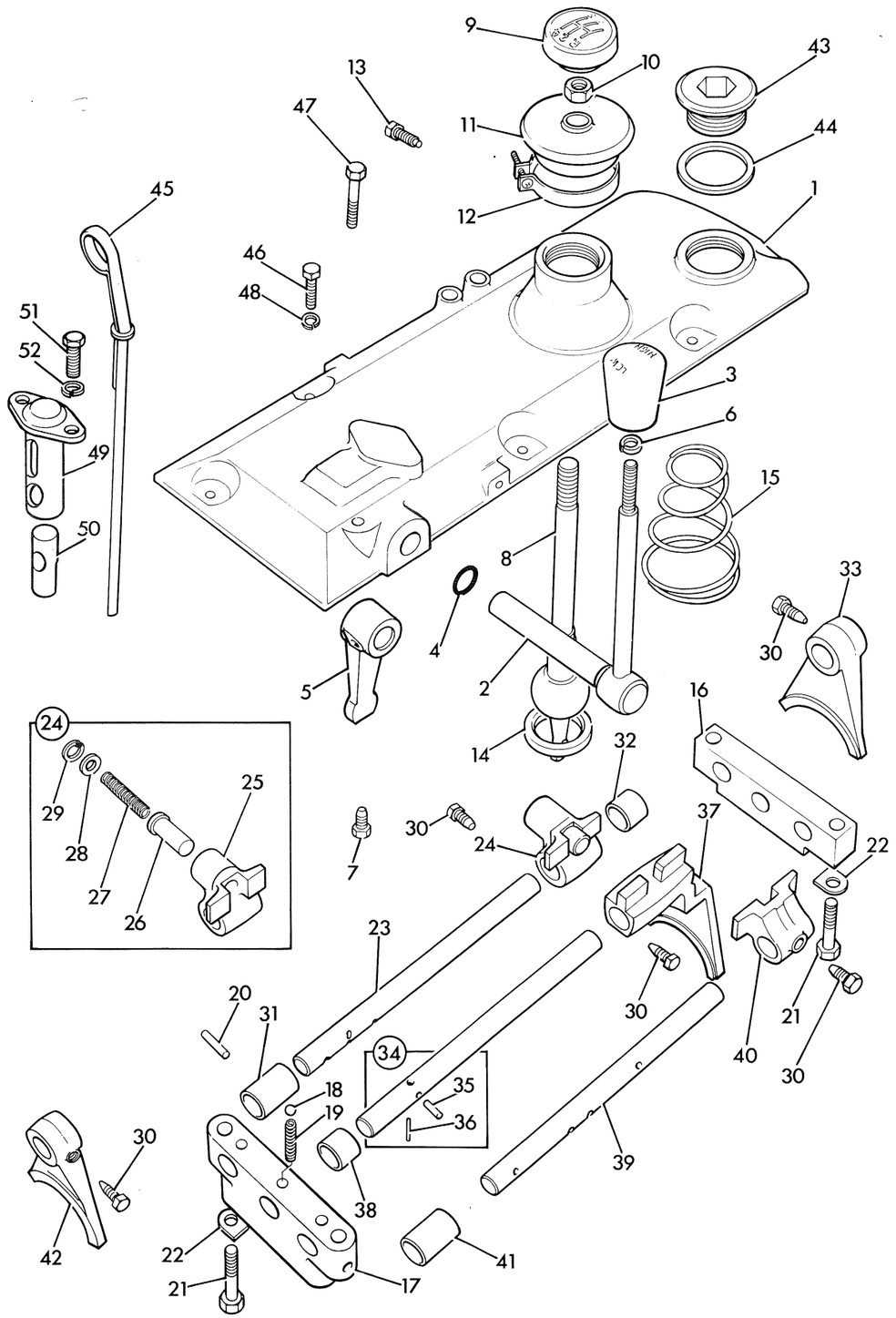
MF 16–1 LAYSHAFT

110M **ISSUE** 4*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. STD	QTY. TC/3
1	CTJ 5722 988/00085	Superseded	Layshaft	....	1	1
2	ATJ 6053	....	:Bush	....	1	1
3	988/00069	....	Bearing	....	1	1
4	ESC050 ESC 50	Superseded	Circlip	....	2	2
5	ATJ 7504 988/00073	Superseded	Gear	2nd & 3rd Speed	1	1
6	988/00069	....	Bearing	....	1	1
7	NT 6774	....	Distance Piece	....	1	1
8	ATJ 7505 988/00141	Superseded	Gear	4th Speed	1	1
9	ATJ 7506 988/00142	Superseded	Gear	Constant Mesh -Low Range	1	1
10	988/00069	....	Bearing	....	1	1
11	ISC 390	....	Circlip	....	2	2
12	CTJ 5671 988/00164	Superseded	Spacer	19.05mm.	A/R	A/R
	CTJ 5672 988/00165	Superseded	*Spacer	19.30mm.	A/R	A/R
	CTJ 5673 988/00166	Superseded	*Spacer	19.56mm.	A/R	A/R
	CTJ 5674 988/00167	Superseded	*Spacer	19.81mm	A/R	A/R
	CTJ 5675 988/00168	Superseded	Spacer	20.07mm.	A/R	A/R
13	CTJ 5666 988/00136	Superseded	Gear	Constant Mesh -High Range	1	
14	CTJ 5767	....	Collar	....		1
15	83H 723	....	Circlip	....	1	1
16	ATJ 7783 988/00082	Superseded	Reverse Gear	....	1	
17	ATJ 2082	....	:Bearing	....	2	
18	ATJ 1068	....	:Circlip	....	2	
19	ATJ 7665	....	Thrust Washer	....	1	
20	ATJ 7666	....	Thrust Washer	....	1	
21	ATJ 7511	....	Shaft	....	1	
22	1305/3216	....	Bolt	....	1	
23	1416/0006	....	Washer	....	1	

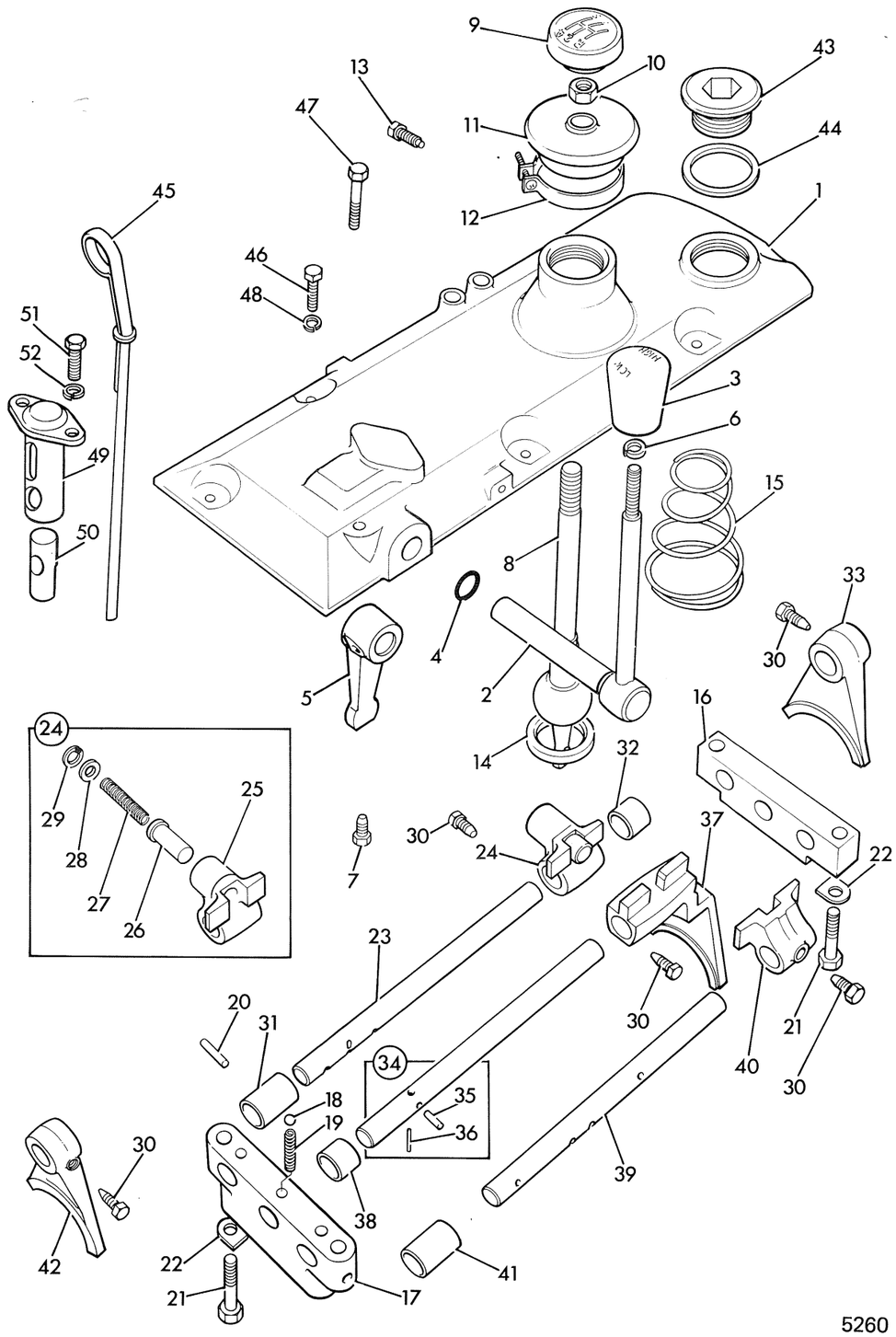
MF 17 GEAR LEVER & SELECTORS 10-SPEED GEARBOX



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 7526	....	Gearbox Cover	....	1
	ATJ 7656	....	Gearbox Cover	German Machines Only	1
2	ATJ 7529	....	Lever-High & Low Range	....	2
3	ATJ 7533	....	Knob-High & Low Range	....	1
4	TRS 0912	....	'O'Ring	....	1
5	ATJ 7532	... .	Selector Lever	....	1
	ATJ 7766	....	Selector Lever	German Machines Only	1
6	2K 2562	....	Thackeray Washer	....	1
7	ATJ 7384	....	Pin	....	1
8	NT 5796	....	Lever	....	1
9	NT 5804	....	Knob	....	1
10	FNZ 208	....	Locknut	....	1
11	ATJ 7376	....	Gaiter	....	1
12	HCS 340 2201/0012	Superseded	Clip	....	1
13	ATJ 7157 ATJ 7977	Superseded	Locating Pin	....	1
14	NT 1138	....	Retainer	....	1
15	NT 1134	....	Spring	....	1
16	NT 1140	....	Block-Bearing	....	1
17	NT 5201	....	Block-Interlock	....	1
18	BLS 110	....	Bolt	....	3
19	ATJ 1003	....	Spring	....	3
20	NT 5025	....	Plunger-Interlock	....	2
21	ATJ 1009	....	Bolt	Block to Cover	4
22	NT 5202 ATJ 7773	Superseded	Tab Washer	....	4
23	NT 6096	....	Selector Rod	1st and Reverse	1
24	NT 6105 ATJ 5224	Superseded	Jaw & Plunger-1st and Reverse	....	1
25	N.S.P.	... .	:Jaw	....	1
26	NT 5994	....	:Plunger	....	1
27	ATJ 1004	....	:Spring	....	1
28	NT 5995	....	:Washer	....	1
29	ISC 319 2201/1019	Superseded	:Circlip	Correction was 2202/1019	1
30	NT 5798 ATJ 7775 ATJ 5517	Superseded Superseded	Pin	Jaw Retaining	5

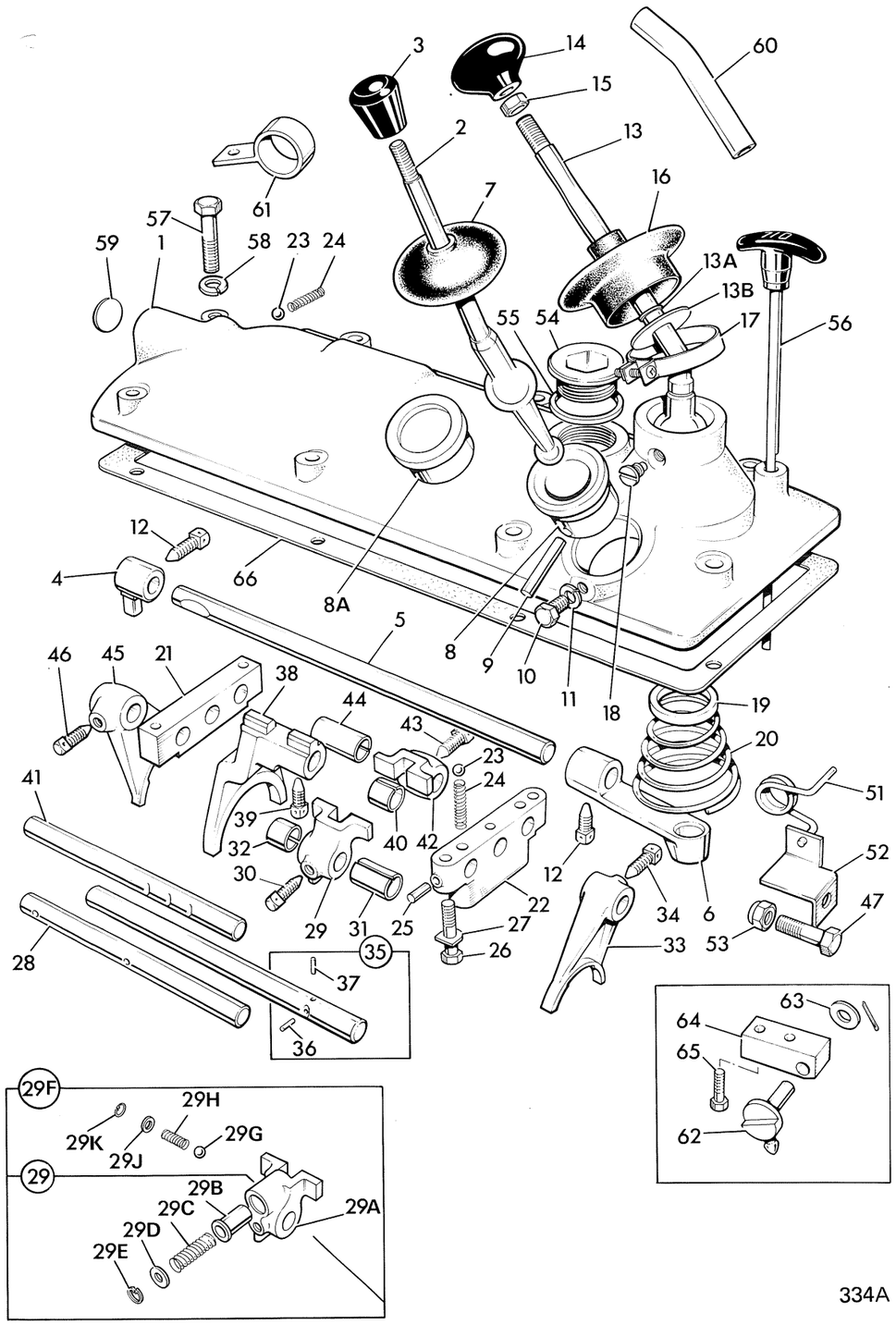
MF 17 GEAR LEVER AND SELECTORS 10-SPEED GEARBOX

110M ISSUE 4

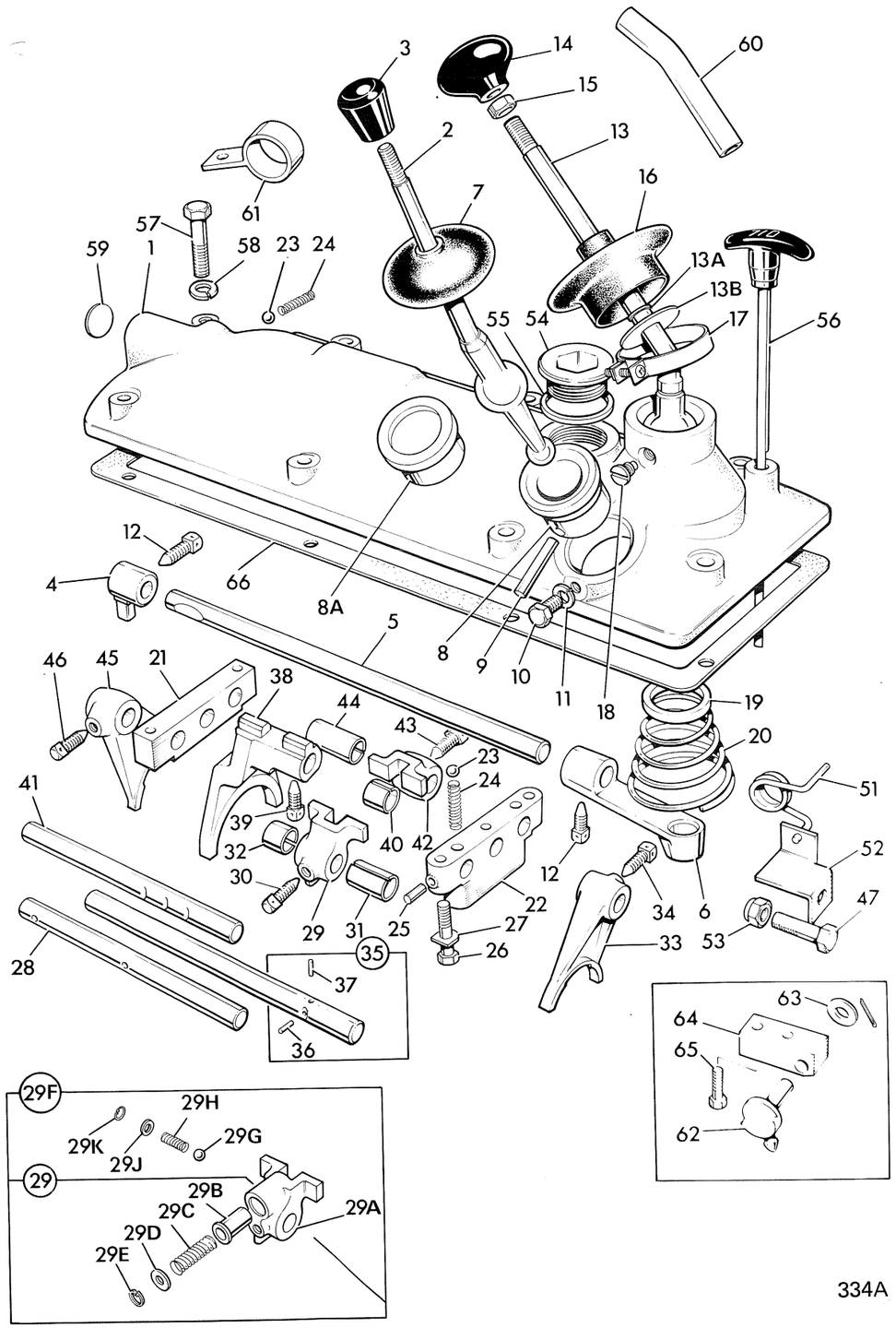


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	NT 6006	....	Tube-Distance -Intermediate	....	1
32	NT 6005	....	Tube-Distance-Short	....	1
33	NT 5797 ATJ 7892	Superseded	1st & Reverse Selector Fork	....	1
34	NT 5175	....	Selector Rod	2nd and 3rd	1
35	NT 5024	....	Pin-Interlock	....	1
36	ATJ 1034	....	Locking Pin	....	1
37	ATJ 7760	....	2nd & 3rd Selector Fork	....	1
38	NT 6005	....	Tube-Distance-Short	....	1
39	NT 6114	....	Selector Rod-4th and 5th	....	1
	ATJ 7653	....	Selector Rod-4th & 5th	German Machines Only	1
40	ATJ 7761	....	Selector Jaw-4th & 5th	....	1
41	NT 6004	....	Tube-Distance-Long	....	1
42	NT 5797 ATJ 7892	Superseded	Selector Fork-4th & 5th	....	1
43	NT 5847	....	Filler Plug	....	1
44	ATJ 1030	....	Washer	....	1
45	NT 5292	....	Dipstick	....	1
46	HBN 0610 1305/3208	Superseded	Bolt	Cover to Gearbox	7
47	HBN 0616 1305/3214	Superseded	Bolt	Cover to Gearbox	1
48	LWN 206 1416/0006	Superseded	Washer	....	1
49	ATJ 7769	....	Plunger Body	German Machines Only	1
50	ATJ 7770	....	Plunger Locking	German Machines Only	1
51	HNS 0507 1305/0105	Superseded	Bolt	German Machines Only	2
52	LWN 205 1416/0005	Superseded	Washer	German Machines Only	2
53	103/40901	....	Gear Lever Extension	....	1
	N.S.P.	....	Spacer Tube Was ATJ7988	German Machines Only	1

MF 18 GEAR LEVER SELECTOR



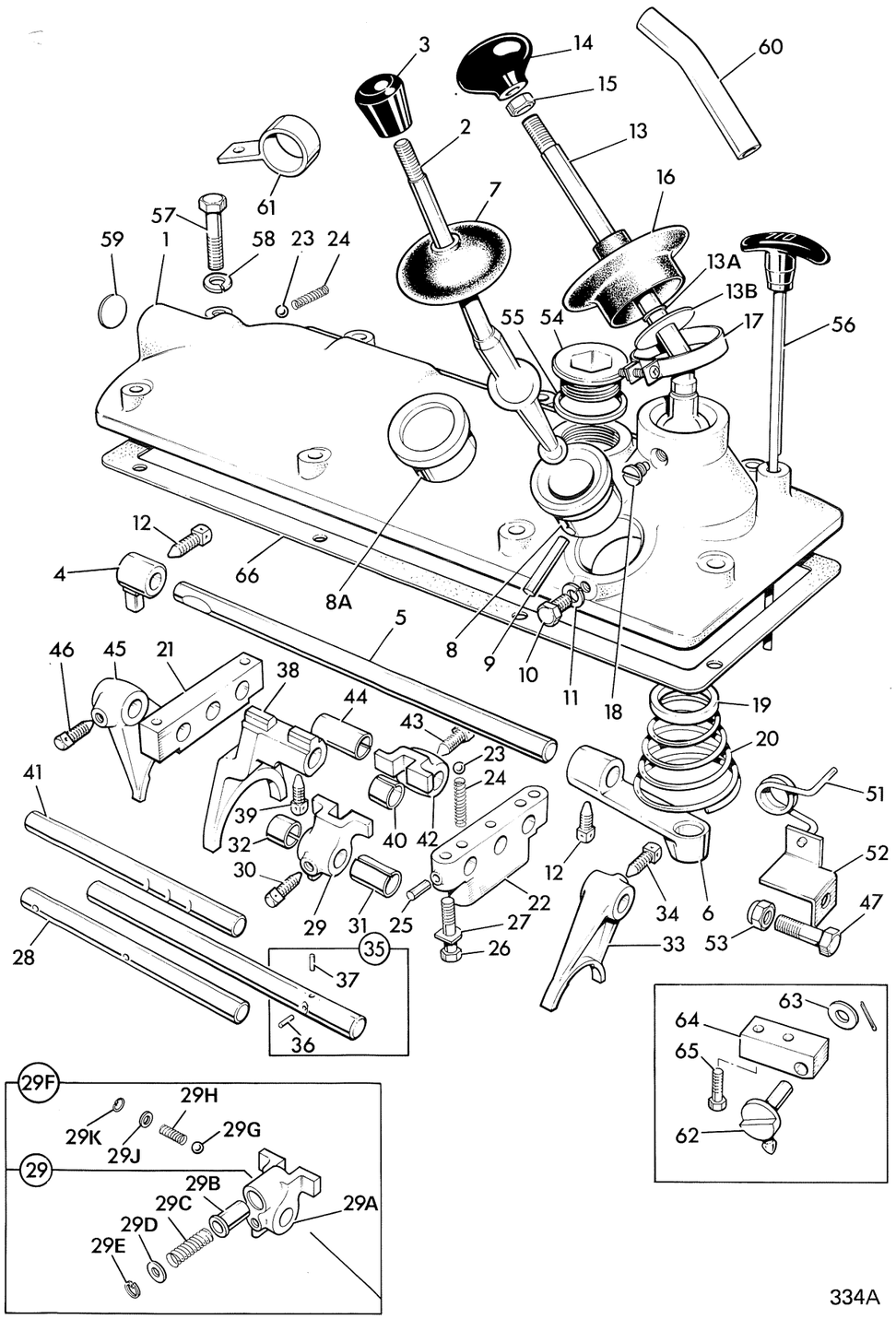
ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD STD	TC /3	TC /3R	Road Speed Control
1	ATJ 7806	....	Gearbox Cover	....	1	1	1	
	ATJ 7945	....	Gearbox Cover	....				1
2	ATJ 7812	....	Lever	....	1			1
	103/65004 ATJ 7812	To M46526	Lever	JCB 3D	1			1
3	ATJ 7533	... .	Knob	....	1			1
4	ATJ 7809	....	Selector Striker	....	1	1	1	1
5	ATJ 7810	....	Rod	....	1	1	1	1
6	ATJ 7811	....	Selector Arm	....	1	1	1	
	ATJ 7948	....	Selector Arm	....				1
7	ATJ 7813	....	Gaiter	....	1			1
8	ATJ 7814	....	Housing	....	1			1
8A	ATJ 5558	....	Plug	....		1	1	
9	ATJ 7815	....	Pivot Pin	....	1			1
10	ATJ 7816	....	Bolt	....	1	1	1	1
11	LWN 205 1416/0006	Superseded	Washer	....	1	1	1	1
12	ATJ 7775 ATJ 5517	Superseded	Retaining Pin	Was ATJ7776	2	2	2	2
13	ATJ 7808 ATJ 7990 ATJ 5636	Superseded Superseded	Lever ATJ7990 N/A Use ATJ5636 with ATJ2134 & PWN210		1	1	1	
	ATJ 5507	....	Lever	....				1
13A	ATJ 2134	....	Circlip	....	1	1	1	
13B	PWN 210	....	Washer	....	1	1	1	
14	NT 5804	....	Knob 6 gear positions		1			
	446/06901 ATJ 5564	Superseded	Knob 4 gear positions			1	1	
	ATJ 9197	....	Knob 3 gear positions German/ Austrian			1		
	ATJ 7992	....	Knob 5 gear positions					1
15	FNZ 208	....	Nut	....	2	2	2	2
16	ATJ 7376	....	Gaiter	....	1	1	1	1
17	HCS 1622 GHC 1622 2201/0012	Superseded Superseded	Clip	....	1	1	1	1
18	ATJ 7977	....	Locating Screw	....	1	1	1	1
19	NT 1138	....	Retainer	....	1	1	1	1
20	NT 1134	....	Spring	....	1	1	1	1



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ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD STD	TC /3	TC /3R	Road Speed Control
21	NT 1140	....	Block	....	1	1	1	1
22	NT 5201	....	Block	....	1	1	1	1
23	BLS 110	....	Ball	....	4	3	4	4
24	ATJ 1003	....	Spring	....	4	3	4	4
25	NT 5025	....	Plunger	....	2	1	2	2
26	HBN 616 1305/3214	Superseded	Bolt	....	4	4	4	4
27	ATJ 7773	....	Tab Washer	....	4	4	4	4
28	NT 6096	....	Rod 1st & Reverse	....	1		1	1
29	NT 6105 See item 29F	Superseded	Jaw Assembly	....	1		1	1
29A	N.S.P.		:Jaw	Correction was ATJ 7762	1		1	1
29B	NT 5994	To T153469	:Plunger	....	1		1	1
29C	ATJ 1004		:Spring	....	1		1	1
29D	NT 5995		:Washer	....	1		1	1
29E	ISC 319 CCN 212 2201/1019	Superseded Superseded	:Circlip	....	1		1	1
29F	ATJ 5224		Jaw Assembly	....	1		1	1
29G	ATJ 5226		:Ball	....	1		1	1
29H	ATJ 5230	T153470 on	:Spring	....	1		1	1
29J	N.S.P.		:Washer	Correction was ATJ5227	1		1	1
29K	N.S.P.		:Circlip	Correction was ATJ 2153	1		1	1
30	ATJ 7775 ATJ 5517	Superseded	Retaining Pin	....	1		1	1
31	NT 6006	....	Tube	....	1			1
	N.S.P.	....	Tube	....			1	
32	NT 6005	....	Tube	....	1			1
	N.S.P.	....	Tube	....				1
33	ATJ 7892	....	Selector Fork	4th & 5th	1	1	1	1
34	ATJ 7775 ATJ 5517	Superseded	Retaining Pin	....	1	1	1	1
35	NT 5175	....	Rod	2nd & 3rd	1	1	1	1
36	NT 5024	....	:Pin	....	1	1	1	1
37	ATJ 1034	....	:Pin	....	1	1	1	1

MF 18 GEAR LEVER SELECTOR



ITEM	PART No.	CHANGE No.	DESCRIPTION		QTY. OFF BUILD STD	TC /3	TC /3R	Road Speed Control
38	ATJ 7891	....	Selector Fork	2nd & 3rd	1			1
	ATJ 5451	....	Selector Fork	2nd & 3rd		1	1	
39	ATJ 7775 ATJ 5517	Superseded	Retaining Pin	....	1	1	1	1
40	NT 6005	....	Tube	....	1	1	1	1
41	NT 6114	....	Rod	4th & 5th	1	1	1	1
42	ATJ 7761	....	Jaw	....	1	1	1	1
43	ATJ 7775 ATJ 5517	Superseded	Retaining Pin	....	1	1	1	1
44	NT 6004	....	Tube	....	1	1	1	1
	NT 6004 ATJ 7988	To T186433	Tube	German/Austrian		1		
	ATJ 7988	M56202 on	Tube	Swiss	1	1		
45	ATJ 7892	....	Selector Fork	1st & Reverse	1		1	1
46	ATJ 7775 ATJ 5517	Superseded	Retaining Pin	....	1		1	1
47	HZS 0610 1305/0208	Superseded	Bolt	....	1			1
51	BTJ 239	....	Spring	Correction was BJT239	1			1
52	ATJ 7930	....	Bracket	....	1			1
53	LNZ 206 GHF223	Superseded	Nut	....	1			1
54	NT 5847	....	Plug	....	1	1	1	1
55	ATJ 1030	....	Washer	....	1	1	1	1
56	103/65800 ATJ 9152	Superseded	Dipstick	....	1	1	1	1
57	HBN 0616 1305/3214	Superseded	Bolt	....	8	8	8	8
58	LWN 206 1416/0006	Superseded	Washer	....	8	8	8	8
59	2K8168	....	Plug	....	1	1	1	1
60	103/40901 106/65328	Superseded	Extension	JCB 3D	1			
61	106/42800 106/72900	To M47729	Guard-Isolator & Switch	....	1	1	1	1
62	ATJ 7946	....	Lever	5th High Lock Out				1
63	PWN 108	....	Washer	....				1
64	ATJ 7952	....	Bracket	....				1
65	ATJ 7951	....	Bolt	....				2
66	ATJ 5605 988/00128	Superseded	Gasket	....	1	1	1	1

ISSUE 2

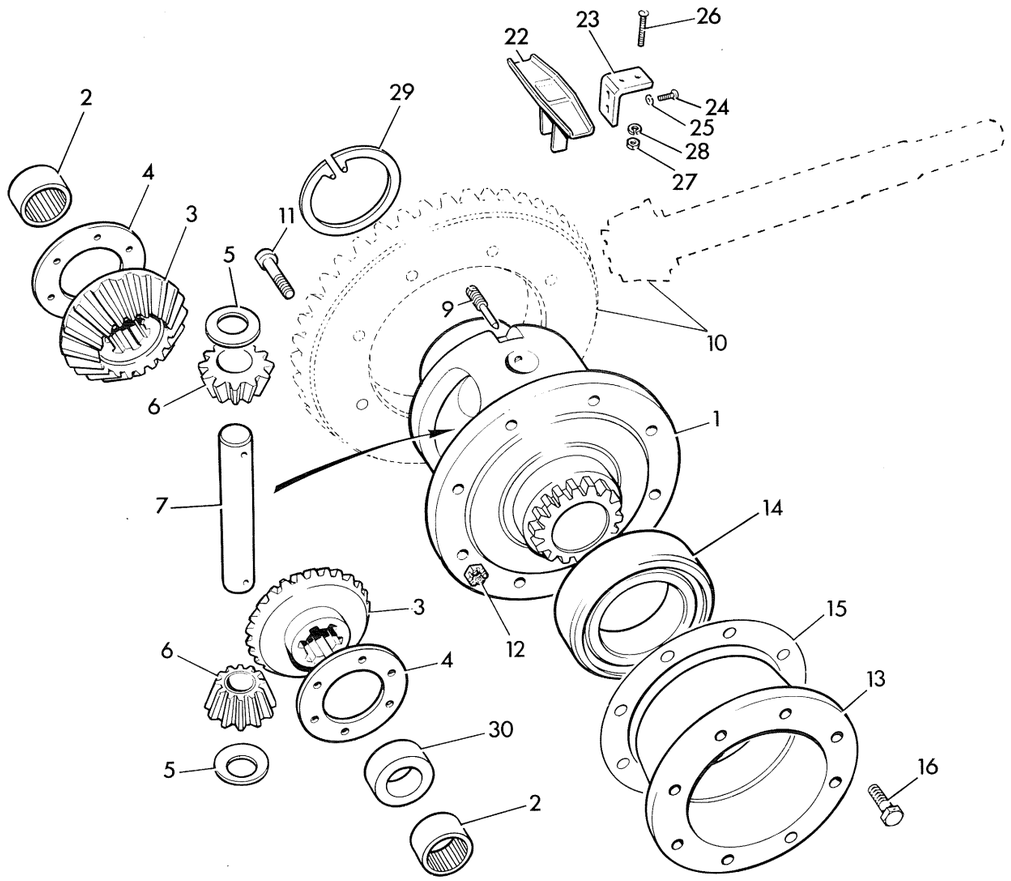
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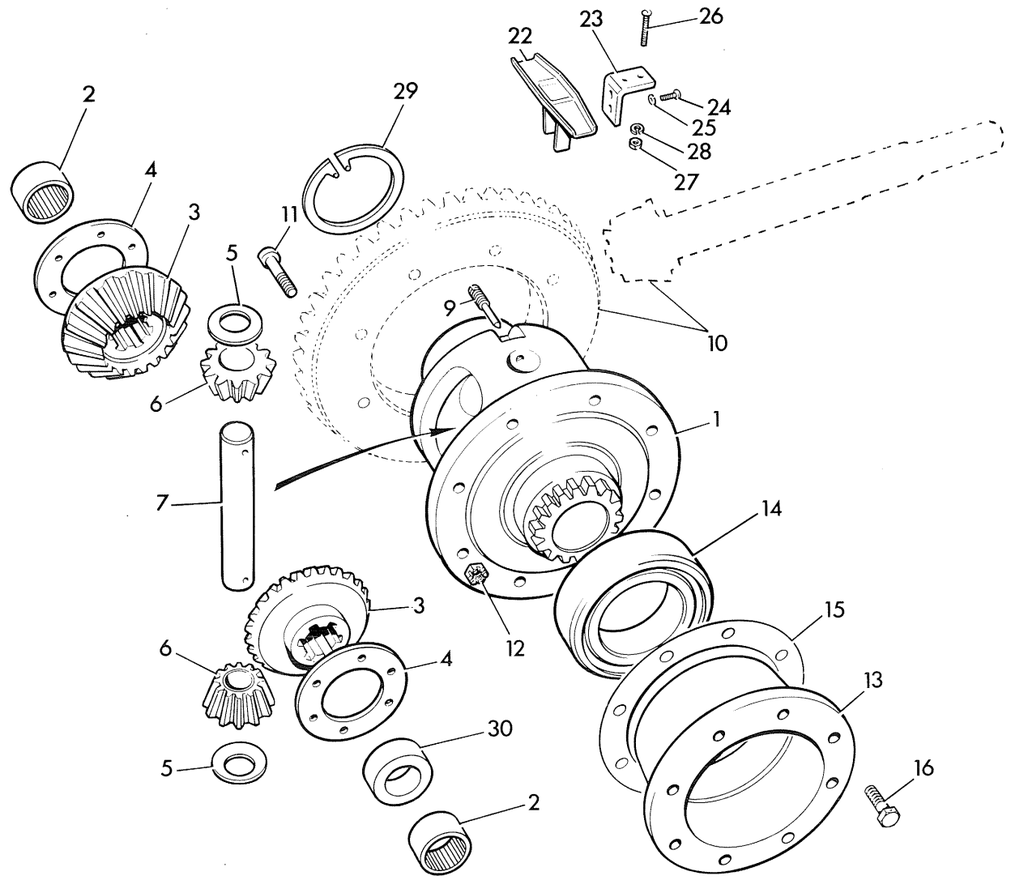
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MF 19 DIFFERENTIAL

110M **ISSUE** 7*



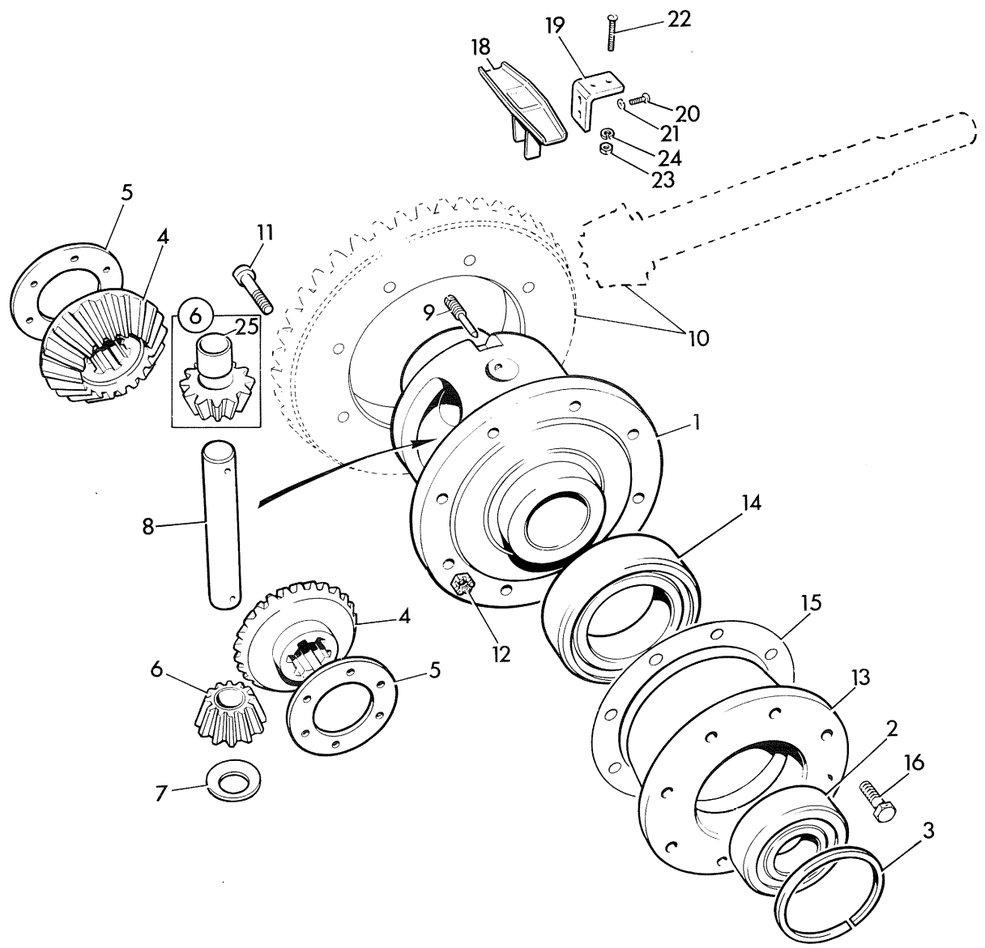
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 7446 ATJ7801 ATJ9153	Superseded Superseded	Differential Housing	ATJ7801 N/A Use ATJ9153 with 1 off ATJ2101 1 off ATJ2011 & 4 off ATJ1076	1
2	ATJ 2011	....	Bearing	Use 2 off with ATJ7801	1
	ATJ 2101	....	Bearing	Use with ATJ9153	1
3	ATJ 7437 988/00080	Superseded	Gear	....	2
4	NT 3077 988/00049	Superseded	Thrust Washer	....	2
5	NT 5145	....	Thrust Washer	....	2
6	NT 5144 ATJ 7776 ATJ 7778 ATJ 7797 ATJ 7803 ATJ 5528 988/00076	Superseded Superseded Superseded Superseded Superseded Superseded	Pinion	....	2
7	ATJ 7495 ATJ 7719 ATJ 7776 ATJ 5477 988/00090	Superseded Superseded Superseded Superseded	Pinion Shaft	....	1
9	NT 5917	....	Pin	Pinion Shaft to Housing	1
10	See Index	....	Main Shaft & Crown Wheel	....	1pr
11	NT 5812 988/00173	Superseded	*Bolt	Crown Wheel to Housing	8
12	FNN 307 ND 607041	Superseded	Nut	....	8
13	ATJ 7782 ATJ 7667	Superseded	Housing	....	2
14	ATJ 7067 988/00154	Superseded	Bearing	....	2
15	NT 1187	....	Shim-Bearing Housing	.003in.(.076mm)	As Reqd.
	NT 1188	....	Shim-Bearing Housing	.010in.(.254mm)	As Reqd.
	NT 1189	....	Shim-Bearing Housing	.025in.(.635mm)	As Reqd.
16	ATJ 1007	....	Bolt	Housing to Gearbox	16
22	ATJ 5453 ATJ 3219	Superseded	Oil Catcher	....	1
23	ATJ 3223	....	Bracket	....	1
24	PWN 0407 PMZ 407	Superseded	Screw	Bracket to Oil Catcher	2
25	LWN 204 1416/0004	Superseded	Washer	....	2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
26	NT 5846	....	Screw	Oil Catcher to Gearbox	2
27	FNN 105 1340/0101	Superseded	Nut	....	2
28	LWN 305 1416/0005	Superseded	Washer	....	2
29	ATJ 1076	....	Circlip	Use with ATJ7801	3
	ATJ 1076	....	Circlip	Use with ATJ9153	4
30	37H7556	....	Spacer	Correction was ATJ7556	1

MF 20 DIFFERENTIAL

110M **ISSUE** 6*

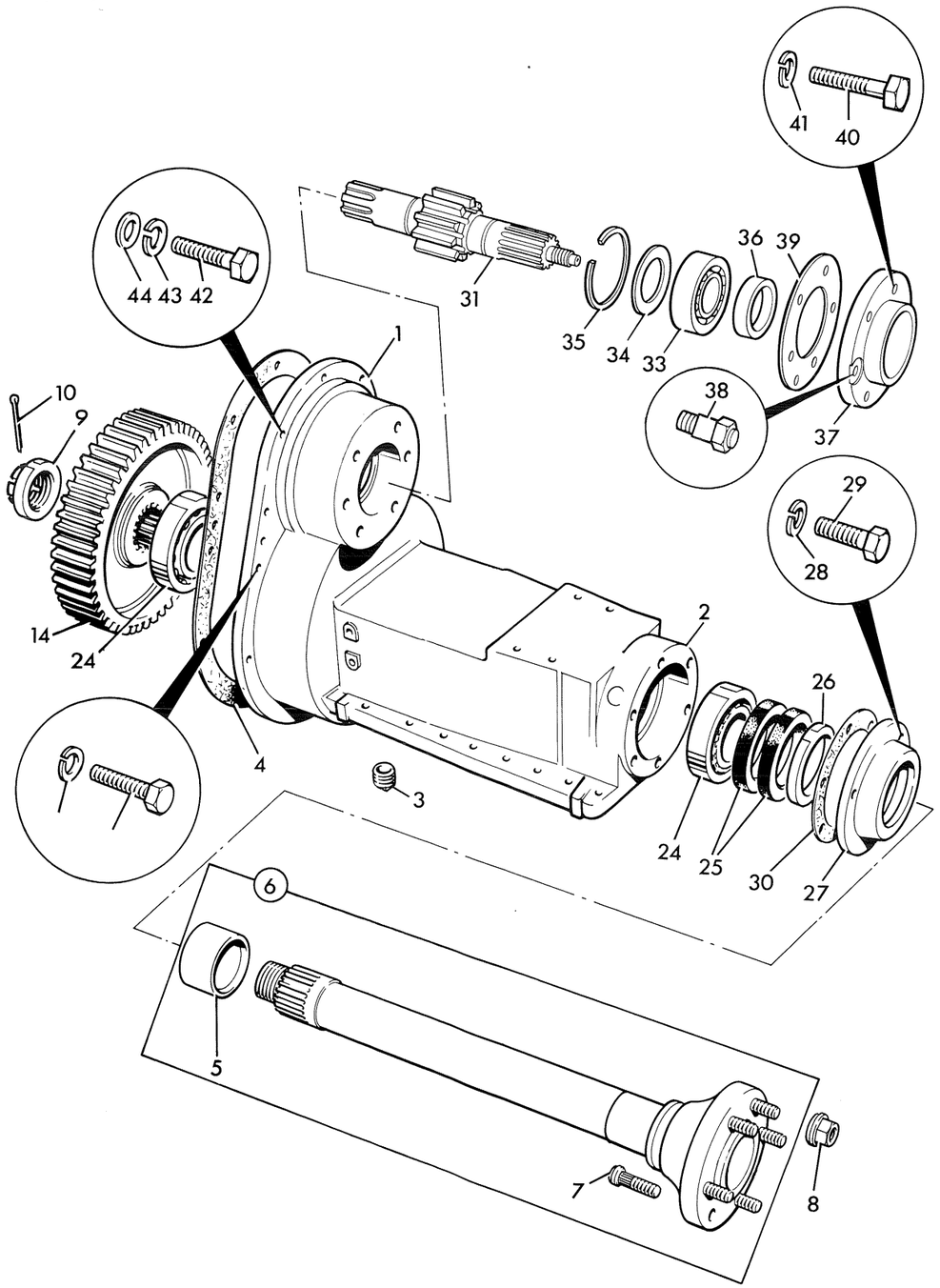


195A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 7470 ATJ 5189	Superseded	Differential Housing	....	1
2	ATJ 2098 988/00001	Superseded	Bearing	....	2
3	NT 4017	....	Circlip	....	4
4	ATJ 7437 988/00080	Superseded	Gear	....	2
5	NT 3077 988/00049	Superseded	Thrust Washer	....	2
6	ATJ 7803 ATJ 5528 988/00076	Superseded Superseded	Pinion	....	2
7	NT 5145	....	Thrust Washer	....	1
8	ATJ 7776 ATJ 5477 988/00090	Superseded Superseded	Pinion Shaft	....	1
9	NT 5917	....	Shaft Pin		
10	See Index	....	Mainshaft & Crown Wheel	....	1
11	NT 5812 988/00173	Superseded	*Bolt	Crown Wheel to Housing	8
12	FNN 307 ND 607041	Superseded	Nut	....	8
13	ATJ 7929 CTJ6375	To T230477	Bearing Housing	ATJ7929 N/A Use CTJ6375 with CTJ6374	2
13A	CTJ6374	....	Spacer	....	2
14	ATJ 7067 988/00154	Superseded	Bearing	....	2
15	NT 1187	....	Shim Bearing Housing	.003in.(.076mm)	As Reqd.
	NT 1188	....	Shim Bearing Housing	.010in.(.254mm)	As Reqd.
	NT 1189	....	Shim Bearing Housing	.025in.(.635mm)	As Reqd.
16	ATJ 1007	....	Bolt	Housing to Gearbox	16
18	ATJ 3219	....	Oil Catcher	....	1
19	ATJ 3223	....	Bracket	....	1
20	PMN 0407 PMZ 407	Superseded	Screw	Bracket to Oil Catcher	2
21	LWN 204 1416/0004	Superseded	Washer	....	2
22	NT 5846	....	Screw	Oil Catcher to Gearbox	2
23	FNN 105 1340/0101	Superseded	Nut	....	2
24	LWN 205 1416/0005	Superseded	Washer	....	2
25	ATJ 1096 831/00040	Superseded	Bush	....	2

MF 21 HALF SHAFT & HOUSING

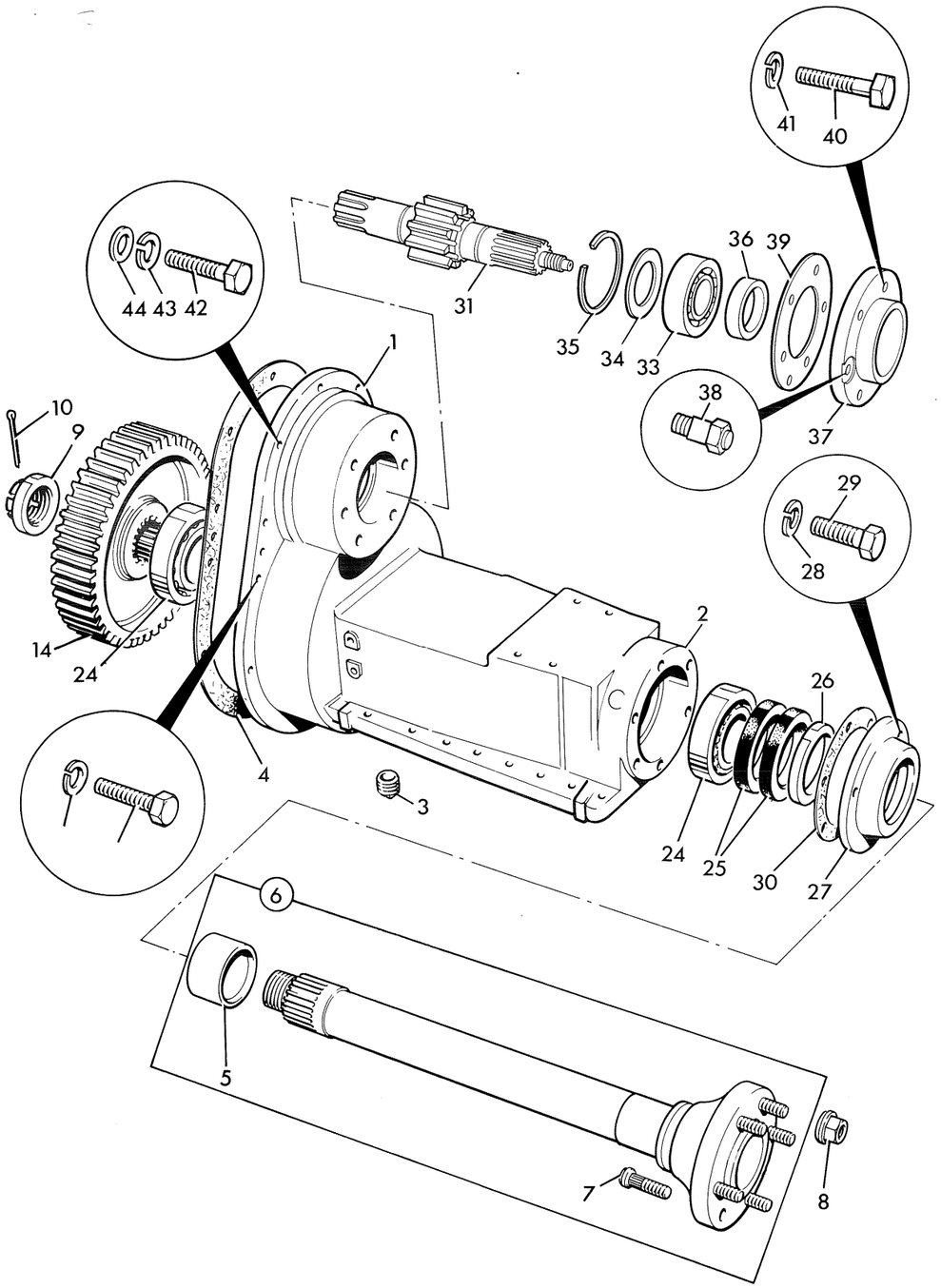
110M **ISSUE** 6



5261

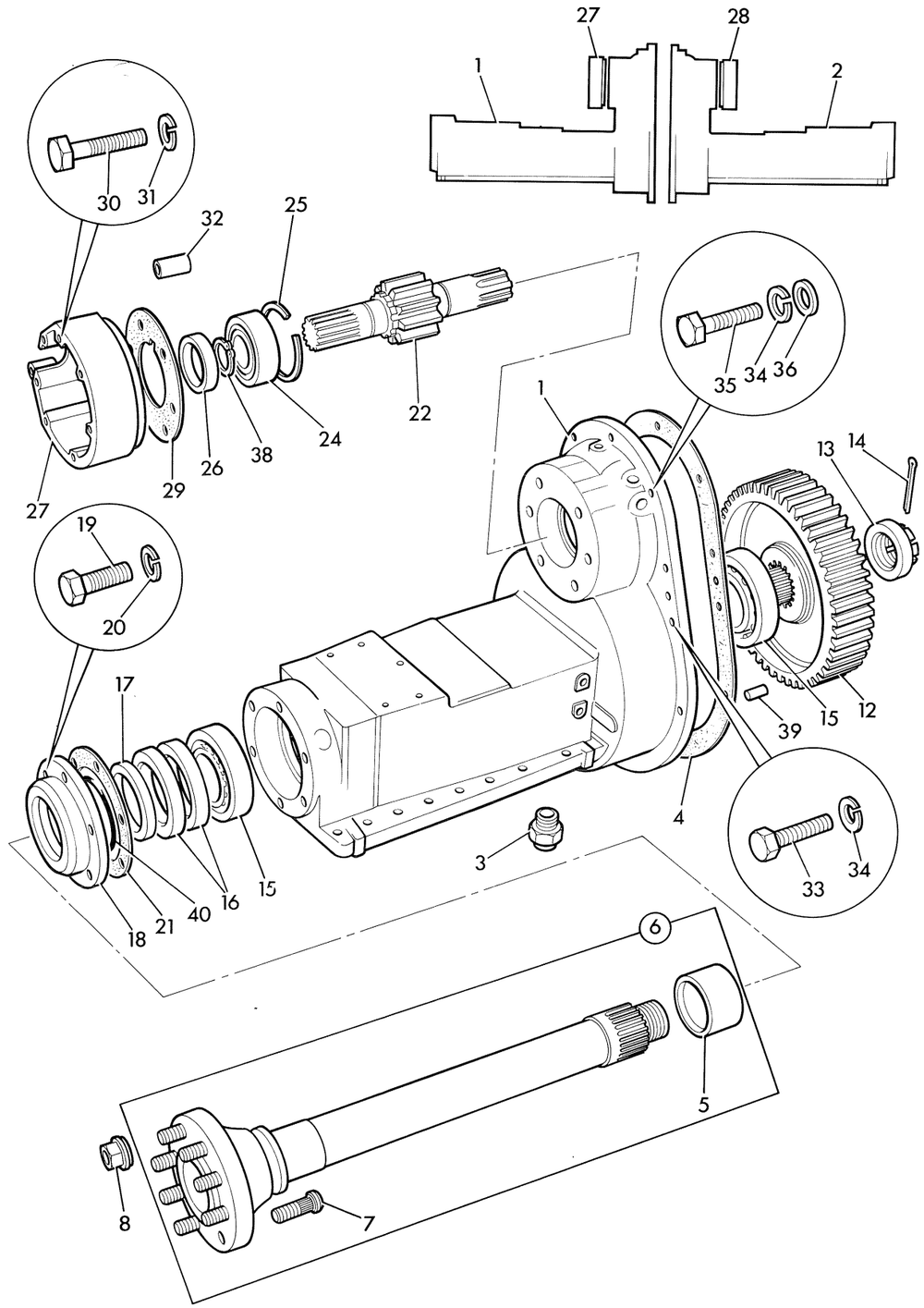
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 7179	....	Casing R.H.	....	1
2	NT 7179	....	Casing L.H.	....	1
3	ADP 116	....	Drain Plug	....	2
4	NT 4073 ATJ 5629 988/00130	Superseded Superseded	Gasket	....	2
5	ATJ 7056 ATJ 7784 988/00144	Superseded Superseded	Sleeve	....	2
6	ATJ 7675 ATJ 7786 AHM 9012 990/52601	Superseded Superseded Superseded	Half Shaft	....	2
7	NT 7184 988/00011	Superseded	Stud	....	12
8	T8/15/R	....	Nut	....	12
9	ATJ 7673	....	Nut	....	2
10	CPS 0628 CPS 628	Superseded	Split Pin	....	2
14	ATJ 7551 ATJ 7795 ATJ 7927 ATJ 5217 988/00018	To T95798 Superseded Superseded Superseded	Gear	....	2
24	2K 6008	....	Bearing	....	4
25	ATJ 1024	....	Oil Seal	....	4
26	NT 7183	....	Felt Washer	....	2
27	NT 7182	....	End Cover	....	2
28	HBN 0612 1305/3210	Superseded	Bolt	....	6
29	LWN/306 1416/0006	Superseded	Washer	....	6
30	NT 8001 ATJ 5627 988/00117	Superseded Superseded	Gasket	Correction was ATJ5629	2
31	ATJ 7451 ATJ 9495	Superseded	Pinion	....	2
33	ATJ 1000 ATJ 2098 988/00001	Superseded Superseded	Bearing	....	2
34	ATJ 7164	....	Washer	....	2
35	NT 4017	....	Circlip	....	2
36	ATJ 7651	....	Oil Seal	....	2
37	NT 7177	....	Cover	....	2
38	NT 7309	....	Dowel Bolt	....	4

MF 21 HALF SHAFT & HOUSING



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
39	NT 1331	....	Shim	....	As Reqd.
40	HBN 0712 1305/3310	Superseded	Bolt	....	24
41	LWN 307	....	Washer	....	24
42	HBN 0714 1305/3312	Superseded	Bolt	....	4
43	LWN 307	....	Washer	....	4
44	PWN 107 PWZ 107 1411/0004	Superseded Superseded	Washer	....	4

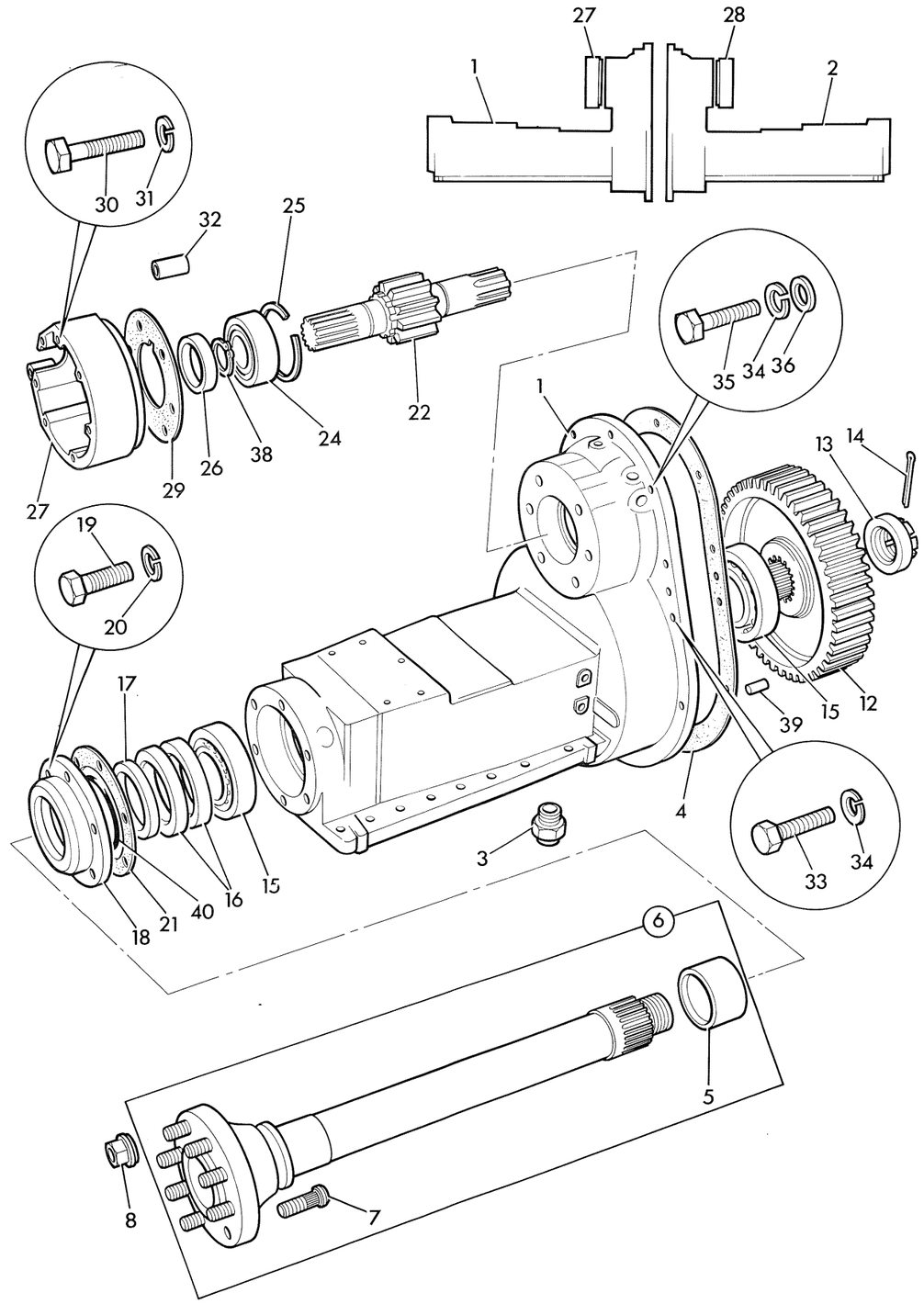
MF 27 HALF SHAFT & HOUSING (10-SPEED GEARBOX)



5262

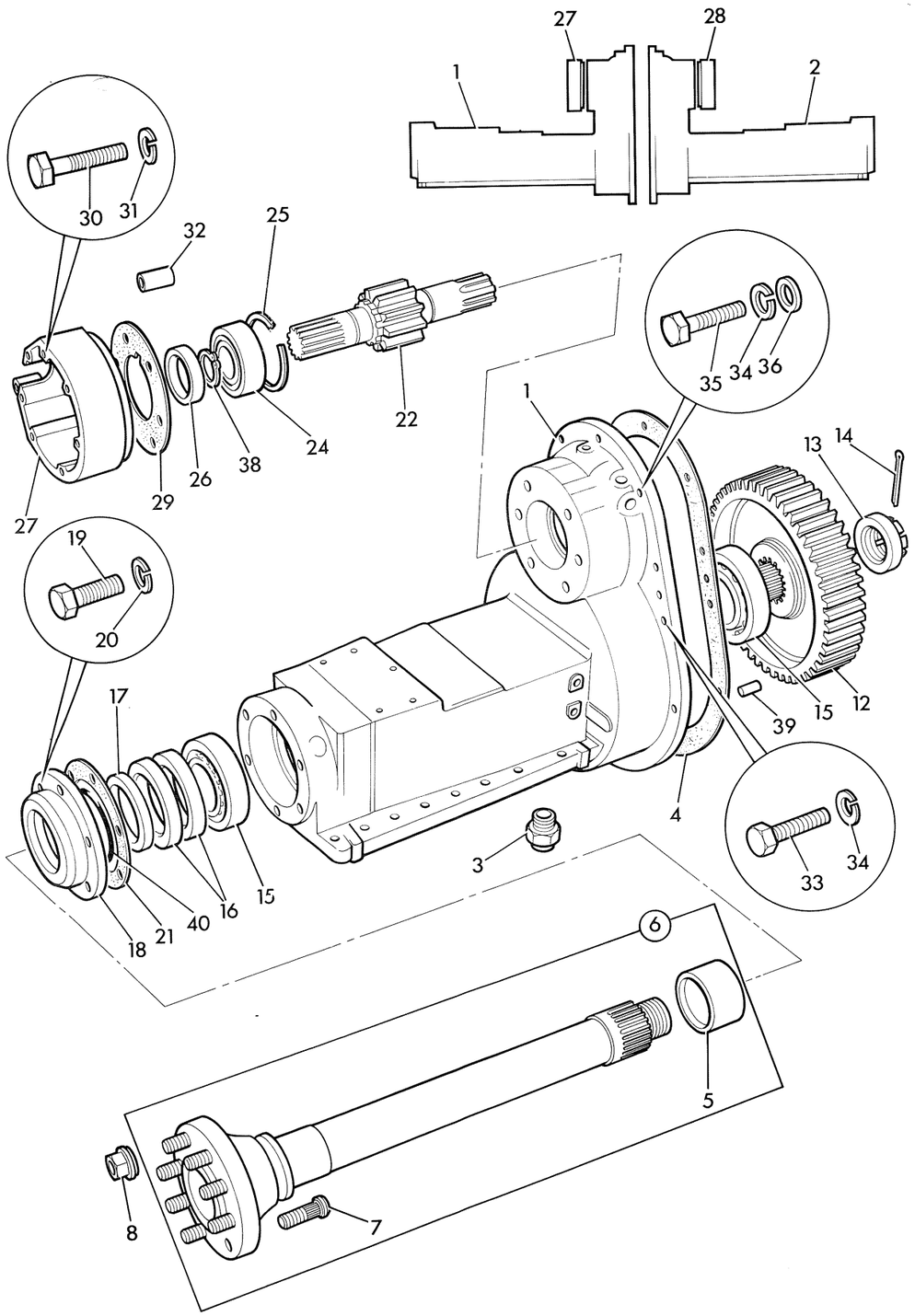
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 7763	....	Casing R.H.	... .	1
2	ATJ 7763	....	Casing L.H.	....	1
3	ADP 116	....	Plug	....	2
4	NT 4073 ATJ 5629 988/00130	Superseded Superseded	Gasket	....	2
5	ATJ 7056 ATJ 7784 988/00144	To T89156 Superseded	Sleeve	....	2
	ATJ 7784 988/00144	Superseded	Sleeve	When Wheel Brakes are fitted	2
6	ATJ 7786 AHM 9012 990/52601 ATJ 7884 ATJ 5631 ATJ 5650	Superseded Superseded To T98999 Superseded	Half Shaft 6 Stud 8 Stud	....	2
	ATJ 7788 AHM 9012 990/52601 ATJ 7885 ATJ 5632 ATJ 5651 ATJ 5695	Superseded Superseded To T98999 Superseded Superseded Superseded	Half Shaft 6 Stud 8 Stud	When Wheel Brakes are fitted	2
7	988/00011 NT 7184 988/00011	To T98999 Superseded	Stud	....	12 16
	ATJ 7246 108/48601 ATJ 5696 ATJ 5696	Superseded Superseded To T98999	Stud	When Wheel Brakes are fitted	12 16
8	T8/15/R ATJ 7898 106/40001	To T98999 Superseded	Nut	....	12 16
12	ATJ 7551 ATJ 7795 ATJ 7927 ATJ 5217 ATJ 9492	To T95798 Superseded Superseded To T189269	Gear	STD Machine	2
	ATJ 7551 ATJ 5217 ATJ 9492	To T95798 To T183155	Gear	TC Machines	2
13	ATJ 7673	....	Nut	....	2
14	CPS 628	....	Pin	Correction was OPS 0628	2
15	2K 6008 988/00018	Superseded	Bearing	....	4
16	ATJ 1024	....	Oil Seal	....	4

MF 27 HALF SHAFT & HOUSING (10-SPEED GEARBOX)



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
17	NT 7183	....	Washer	....	2
18	NT 7182	....	Cover	....	2
	ATJ 7171	To T98999	Cover	When Wheel Brakes	2
	ATJ 7893	To T161043		are fitted	
	ATJ 5462				
19	HBN 0612	Superseded	Bolt	....	6
	1305/3210				
	ATJ 7163	Superseded	Bolt	When Wheel Brakes	6
	826/00030	Superseded		are fitted	
	1305/3212				
20	LWN 206	Superseded	Washer	....	6
	1416/0006				
21	NT 8001	Superseded	Gasket	....	2
	ATJ 5627	Superseded			
	988/00117				
	ATJ 7207	Superseded	Gasket	When Wheel Brakes	2
	ATJ 5622	Superseded		are fitted	
	988/00115				
22	ATJ 7640	To T95798	Pinion	STD Machine	
	ATJ 7805	Superseded		ATJ7640 N/A Use	
	ATJ 7925	Superseded		988/00088 with	
	988/00072	Superseded		ATJ5217	
	ATJ 5521	Superseded			
	ATJ 5581	Superseded			
	988/00088	To T189269			
	ATJ5504	Superseded			
	988/00087	Superseded			
	988/00155				
	ATJ 7640	To T95798	Pinion	TC Machines	
	ATJ 5581	Superseded			
	988/00088	To T183155			
	ATJ 5504	Superseded			
	988/00087	Superseded			
	988/00155				
24	ATJ 2098	Superseded	Bearing	....	2
	988/00001				
25	NT 4017	....	Circlip	....	2
26	ATJ 7558	Superseded	Oil Seal	....	2
	ATJ 2142	Superseded			
	988/00002				
27	ATJ 7556	To T98999	Housing R.H.	....	1
	ATJ 7890				
28	ATJ 7555	....	Housing L.H.	....	1
29	ATJ 7557	Superseded	Gasket	....	2
	ATJ 5623	Superseded			
	988/00119				
30	HBN 0715	Superseded	Bolt	....	12
	1305/3313				

MF 27 HALF SHAFT & HOUSING (10-SPEED GEARBOX)

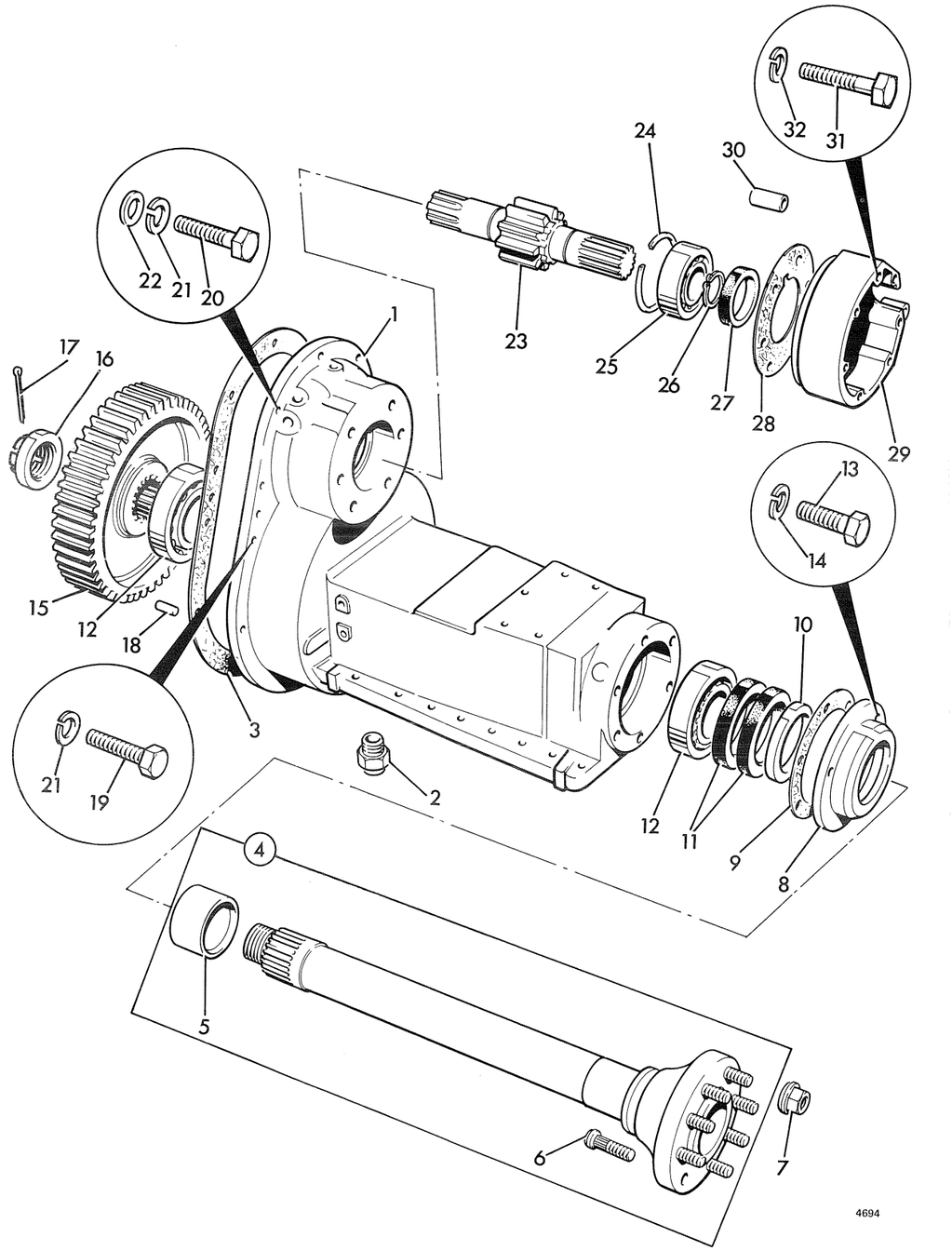


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	LWN 207 1416/0007	Superseded	Washer	....	12
32	02/394006	....	*Dowel	....	4
33	1305/3310 HBN 0712 1305/3310	To T98999 Superseded	Bolt	....	24 26
34	LWN 207 1416/0007	Superseded	Washer	....	28
35	1305/3312 HBN 0714 1305/3312	To T98999 Superseded	Bolt	....	4 2
36	1411/0004 PWN 107 PWZ 107 1411/0004	To T98999 Superseded Superseded	Washer	....	4 2
38	ESC 045 ESC 45 2203/0060	Superseded Superseded	*Circlip	....	2
39	NT 8224	T99001 on	Dowel	....	2
40	ATJ 3970 988/00061	Superseded	'O'Ring-End Cover	When Wheel Brakes are fitted	2

5262

MF 27–1 HALF SHAFT & HOUSING (STANDARD)

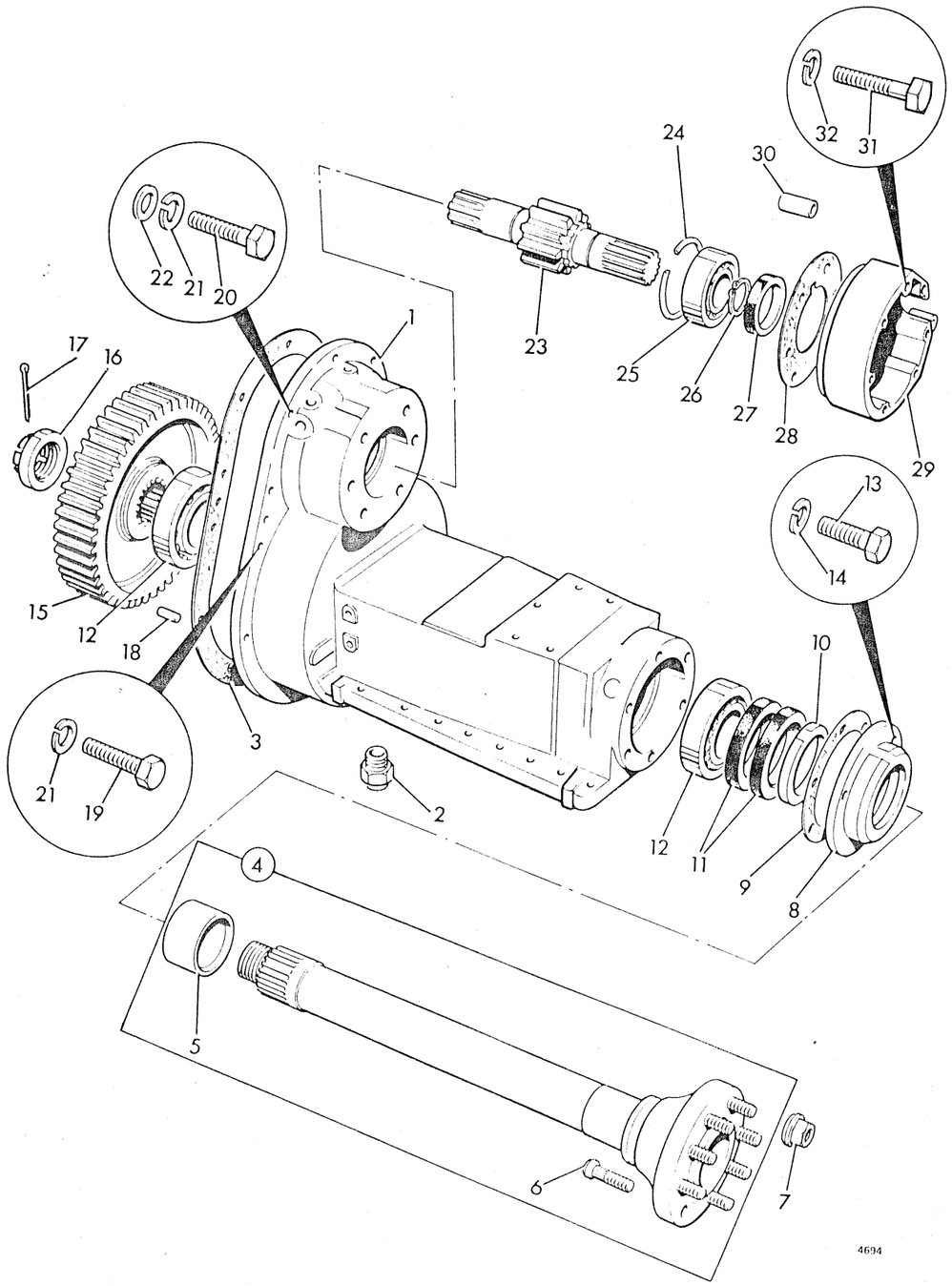
110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
					m/c Assy.
1	ATJ 7763	....	Casing	....	2
2	ADP 116	....	Plug	....	2
3	ATJ 5629 988/00130	Superseded	Gasket	....	2
4	ATJ 5650	....	Half Shaft	....	2
5	ATJ 7784 988/00144	Superseded	:Sleeve	....	2
6	988/00011	....	:Stud	....	16
7	106/40001	....	Nut	....	16
8	NT 7182	....	Cover	....	2
9	ATJ 5627 988/00117	Superseded	Gasket	....	2
10	NT 7183	....	Washer	....	2
11	ATJ 1024	....	Oil Seal	....	4
12	988/00018	....	Bearing	....	4
13	1305/3210	....	Bolt	....	6
14	1416/0006	....	Washer	....	6
15	988/00079 ATJ9492	Superseded	Gear 46T	5 x 2 384B	2
	CTJ 7448	....	Gear 45T	Transmission 3 x 3 272B Transmission	2
16	ATJ 7673	....	Nut	....	2
17	CPS 628	....	Split Pin	....	2
18	NT 8224	....	Dowel	....	2
19	1305/3310	....	Bolt	....	26
20	1305/3312	....	Bolt	....	2
21	1416/0007	....	Washer	....	2
22	1411/0004	....	Washer	....	2
23	988/00087 CTJ 7449 988/00155	Superseded Superseded	Pinion-11T	5 x 2 384B Transmission	2
	CTJ 7447	....	Pinion 12T	3 x 3 272B Transmission	2
24	NT 4017	....	Circlip	....	2
25	988/00001	....	Bearing	....	2
26	ESC 45 2203/0060	Superseded	Circlip	....	2
27					
28					
29	See Page MF33-1		Brake Assy.	7 x 4 Brakes	

MF 27–1 HALF SHAFT & HOUSING (STANDARD)

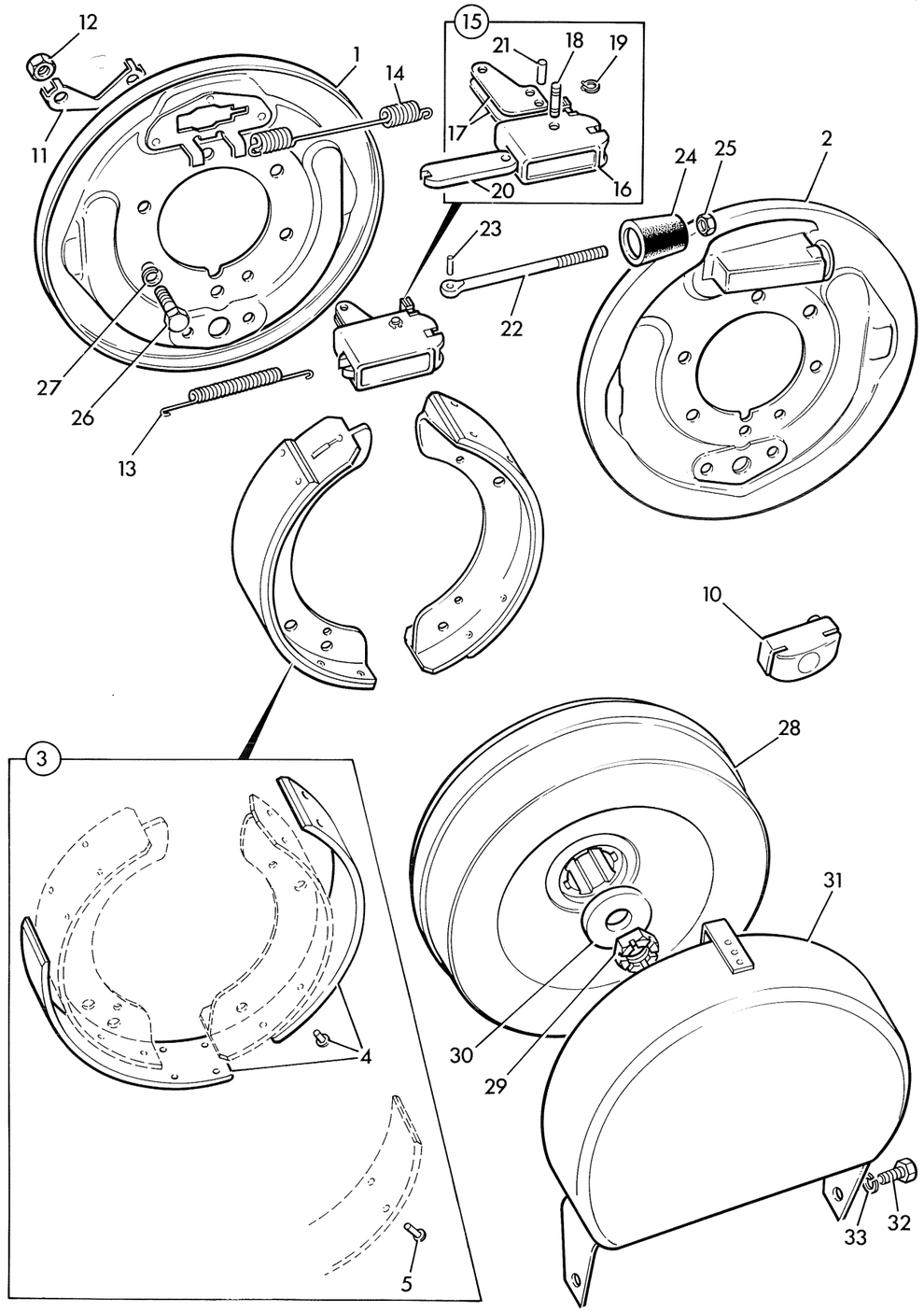
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
30					
31					
32					
33	106/65331	....	Location Pin	....	2

MF 31 TRANSMISSION BRAKE

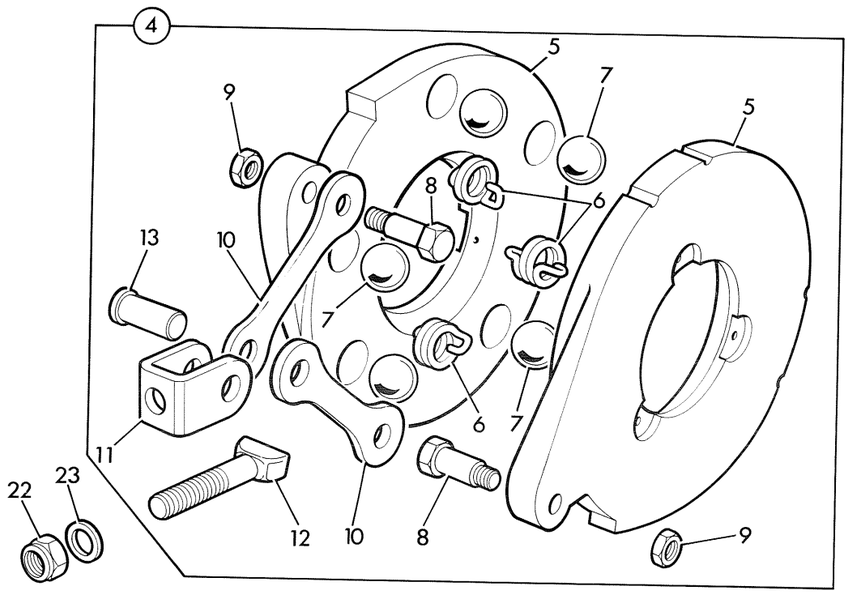
110M **ISSUE** 3

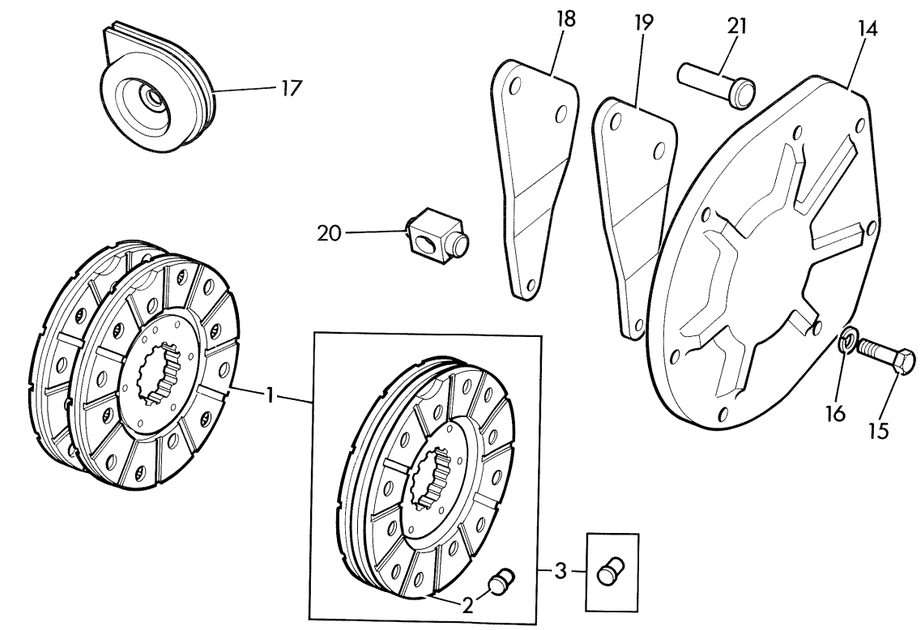


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	17H 7025	....	Back Plate	R.H.	1
2	17H 7026	....	Back Plate	L.H.	1
3	8G 8629 18G 8652	Superseded	Bracke Shoe	....	2
4	8G 8630 18G 8653	Superseded	:Lining & Rivet	....	1set
5	7H 7398	....	::Rivet	....	48
10	17H 7726	....	Abutment	....	2
11	N.S.P.	....	Locking Plate	Was 17H 7725	2
12	FNN 107 1340/0301	Superseded	Nut	....	4
13	17H 7034	....	Spring	....	2
14	17H 7035	....	Spring	....	2
15	ATJ 9307	....	Expander Unit	....	2
16	17H 7024	....	:Body	....	2
17	17H 7727	....	:Lever-Outer	....	2
18	17H 7027	....	:Pivot Pin	....	2
19	27H 7475	....	:Circlip	....	2
20	17H 7038	....	:Lever-Inner	....	2
21	17H 7039	....	:Pin	....	2
22	17H 7031	....	:Rod	....	2
23	17H 7032	....	Pin	....	2
24	17H 7028	....	Boot	....	2
25	FNN 106 1340/0201	Superseded	Nut	....	2
26	ATJ 1014	....	Bolt	....	8
27	LWN 206 1416/0006	Superseded	Washer	....	8
28	NT 6625	....	Brake Drum	....	2
29	FNN 412 1340/0705	Superseded	Nut	....	2
30	NT 3086 ATJ 9325	Superseded	Washer	....	2
31	NT 6634	....	Cover	....	2
32	HNS 0504 1305/0102	Superseded	Screw	....	6
33	LWN 205 1416/0005	Superseded	Washer	....	6

MF 33 TRANSMISSION BRAKE (10-SPEED GEARBOX)

110M **ISSUE** 6



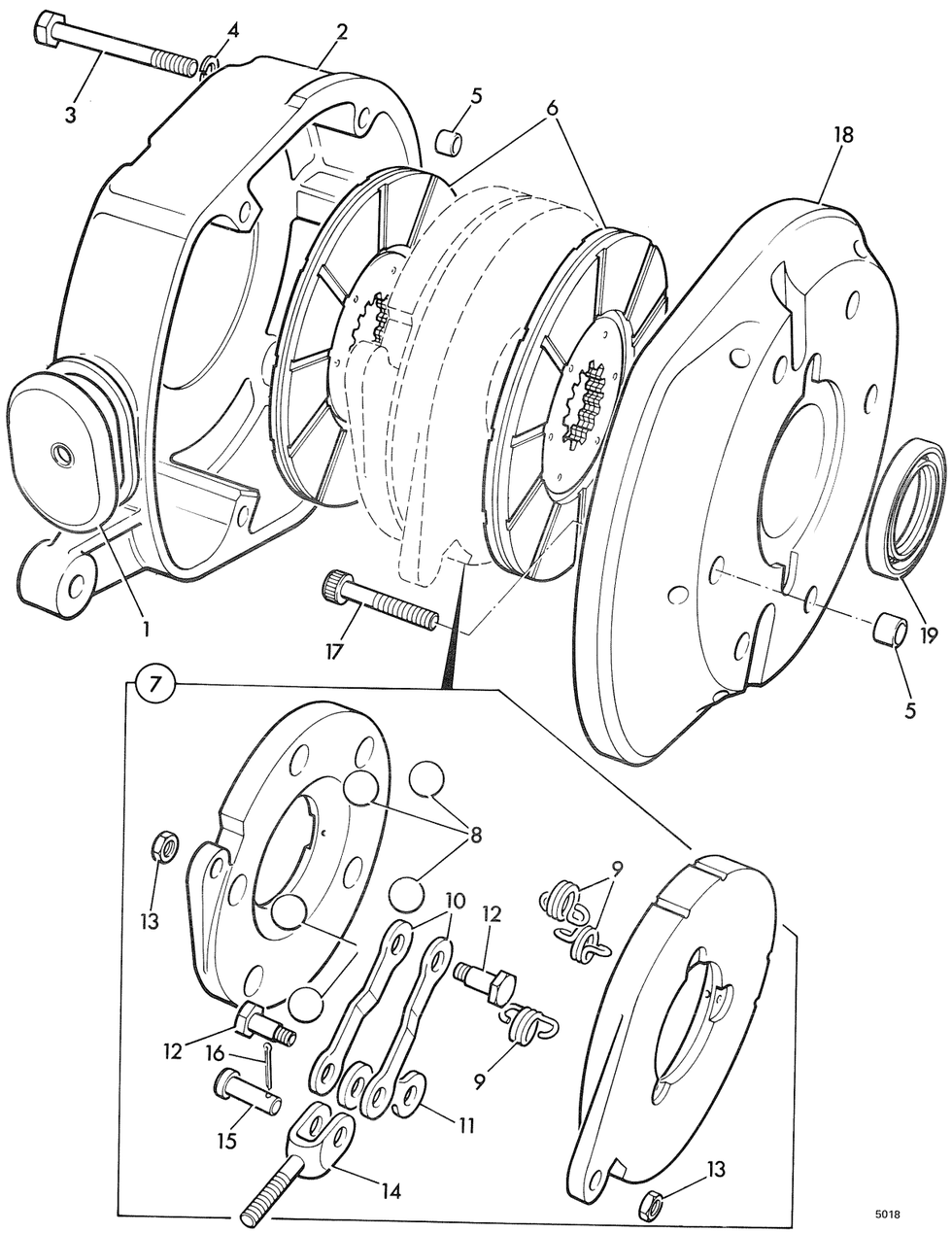


5264

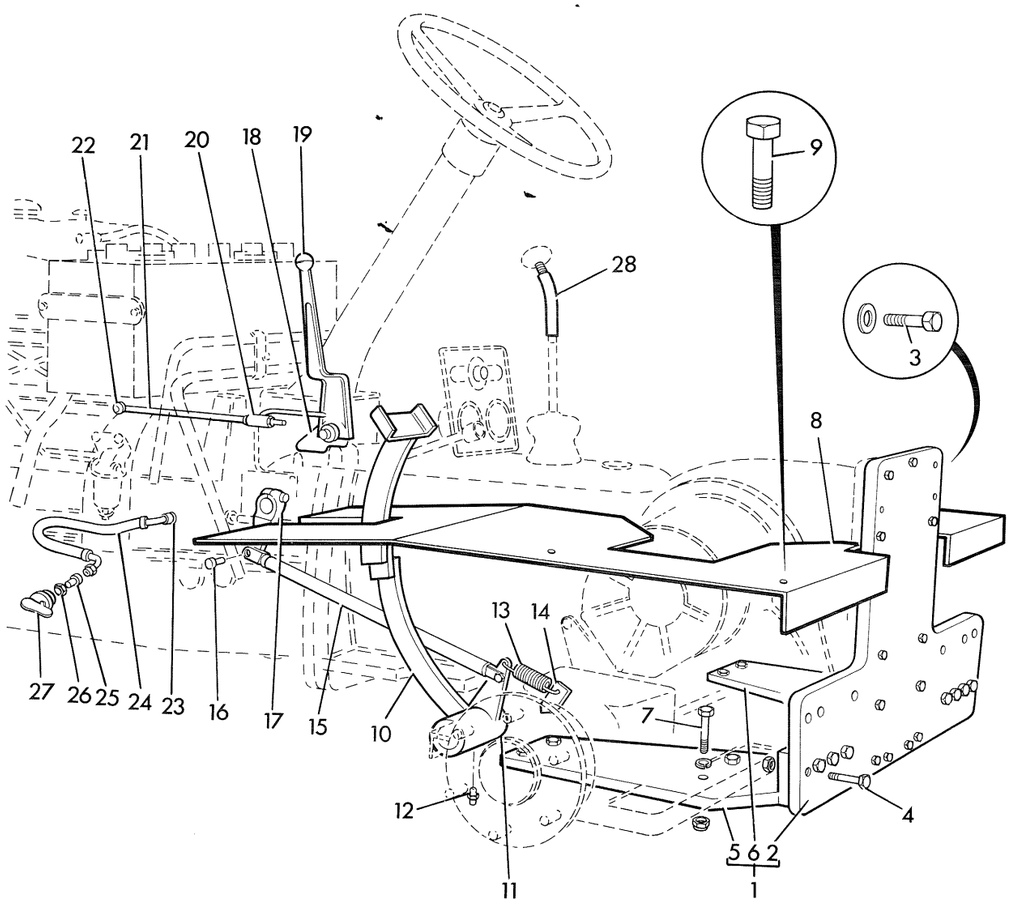
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	8G 8956 18G 8238 990/36100	Superseded Superseded	Friction Disc	....	2sets
2	8G 8957 18G8239 988/00017	Superseded Superseded To T166431	Lining and Rivets	....	1set
3	27H 3505	To T166431	:Rivet	....	48
4	27H 3508 988/00021 37H 1567 988/00029	Superseded To T98999 Superseded	Actuating Unit	....	2
5	N.S.P.	....	Actuating Disc	Was 27H 3504 & 37H 1568	4
6	27H 3503 988/00160	Superseded	Spring	....	6
7	BLS 128 988/00050	Superseded	Ball	....	10
8	27H 3501 37H 1569	To T92868	Pivot Pin	....	4
9	FNZ 205 FNZ 206 NT 606041	To T92868 Superseded	Nut	....	4
10	27H 3500 27H 7743 37H 1570	Superseded To T92868	Link	....	2
	37H 1571	....	Link	....	4
11	27H 3499	....	Yoke	....	2
12	27H 3498	....	Rod	....	2
13	27H 3497	....	Jaw Pin	....	
14	ATJ 7561	... .	Cover Plate	....	2
15	HBN 0610 1305/3208	Superseded	Bolt	....	14
16	LWN 206 1416/0006	Superseded	Washer	....	14
17	ATJ 7660	....	Rubber Boot	....	2
18	ATJ 7571	....	Lever R.H.	....	2
19	ATJ 7572	....	Lever L.H.	....	2
20	ATJ 7573	....	Trunnion	....	2
21	CLZ 0833 CLZ 833	Superseded	Pivot Pin	....	2
22	LNZ 208	....	Nut	....	2
23	PWZ 108 1411/0005	Superseded	Washer	....	2

MF 33–1 TRANSMISSION BRAKE 7×4

110M **ISSUE** 2



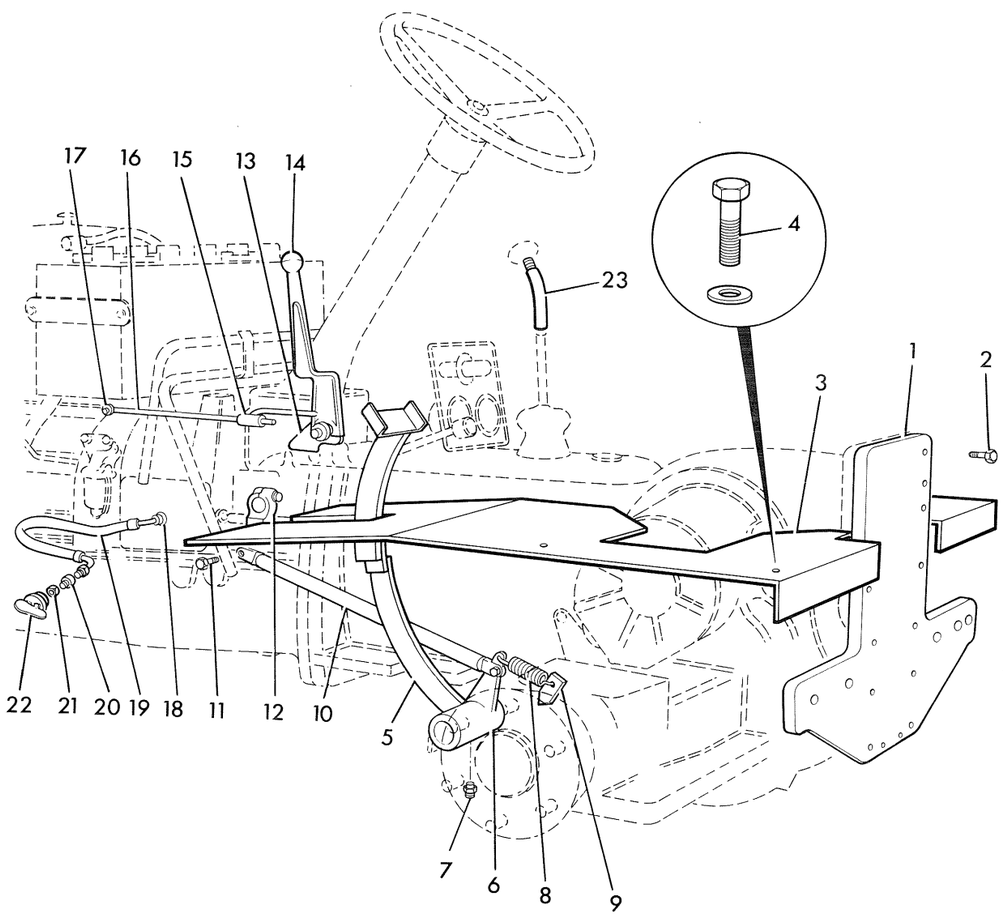
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	109/54003	....	Cap	....	2
2	109/54102	....	Housing R.H.	....	1
	109/54002	....	Housing L.H.	....	1
3	1305/3326	....	Bolt	....	5
4	1416/0007	....	Washer	....	5
5	109/54004	....	Dowel	....	4
6	15/104700	....	Disc	....	2prs
7	15/104600	....	Actuating Unit	....	2
8	988/00050	....	:Ball	....	5
9	27H 3503 988/00160	Superseded	:Spring	....	3
10	37H 1571	....	:Lever	....	2
11	37H 1570	....	:Lever	....	1
12	37H 1569	....	:Pivot Pin	....	2
13	GHF 202	....	:Nut	....	2
14	109/54301	....	Pull Rod	....	1
15	2101/0507	....	Clevis Pin	....	1
16	2103/0507	....	Split Pin	....	1
17	1381/3312	....	Capscrew	....	6
18	109/54101	....	Plate R.H.	....	1
	109/54001	....	Plate L.H.	....	1
19	988/00002	....	Oil Seal	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
	For items 1 to 7 Refer to Page MF4				
8	L17/47	....	Footplate N/S	....	1
9	1305/0204	....	Bolt	....	2
	For items 10 to 17 Refer to Page ME1				
	For items 18 to 22 Refer to Index ME				
	For Items 23 to 27 Refer to Page ME2				
28	AL17/125	....	Extension	....	1
	AL16/55 104/81300	Superseded	Bracket	....	1

MF 35 TRANSMISSION FITTINGS

110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
	For items 1 and 2 Refer to Page MF4				
3	L16/52 104/85201	Superseded	Footplate	....	1
4	1305/8208	....	Bolt	....	4
	1412/0003	....	Washer	....	4
	For items 5 to 12 Refer to Index ME				
	For items 13 to 17 Refer to Index MA				
	For items 18 to 22 Refer to Page ME2				
23	AL17/125	....	Extension	....	1
	AL16/55 104/81300	Superseded	Bracket	....	1

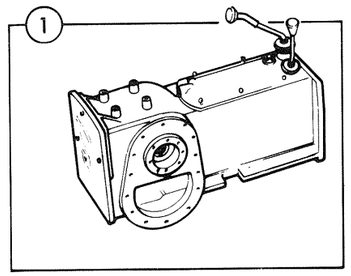
MF

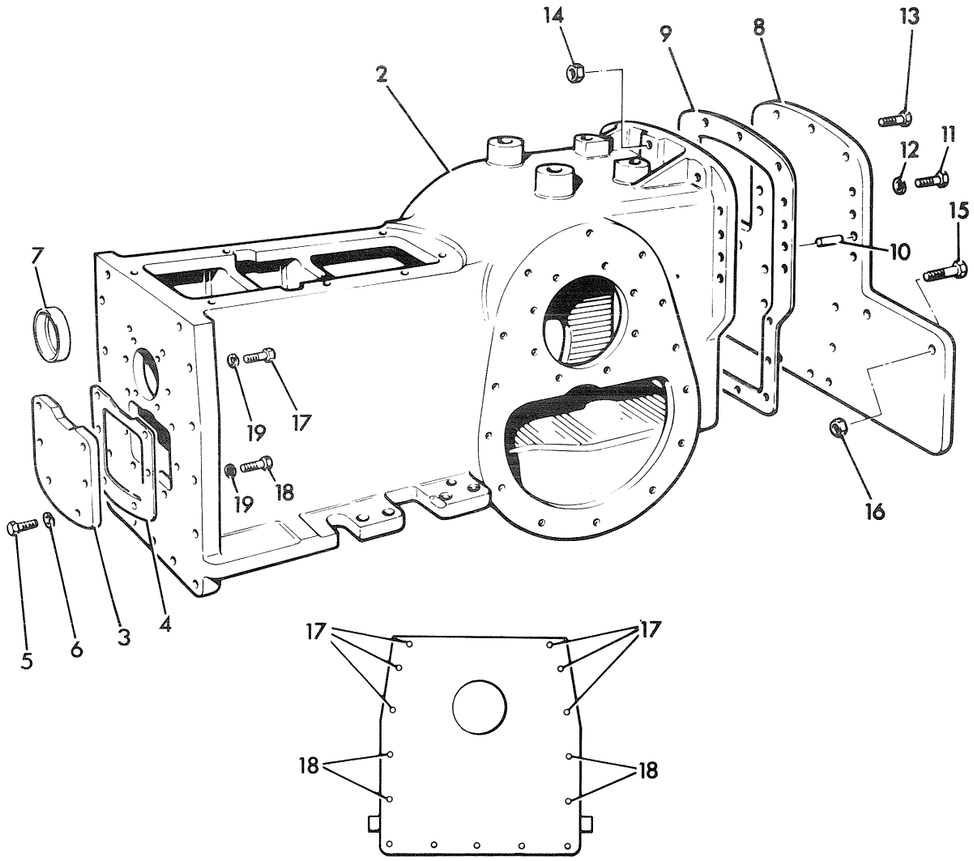
Pages MF 36 to MF 40

MF 36 GEARBOX CASING

5192

110M **ISSUE** 1



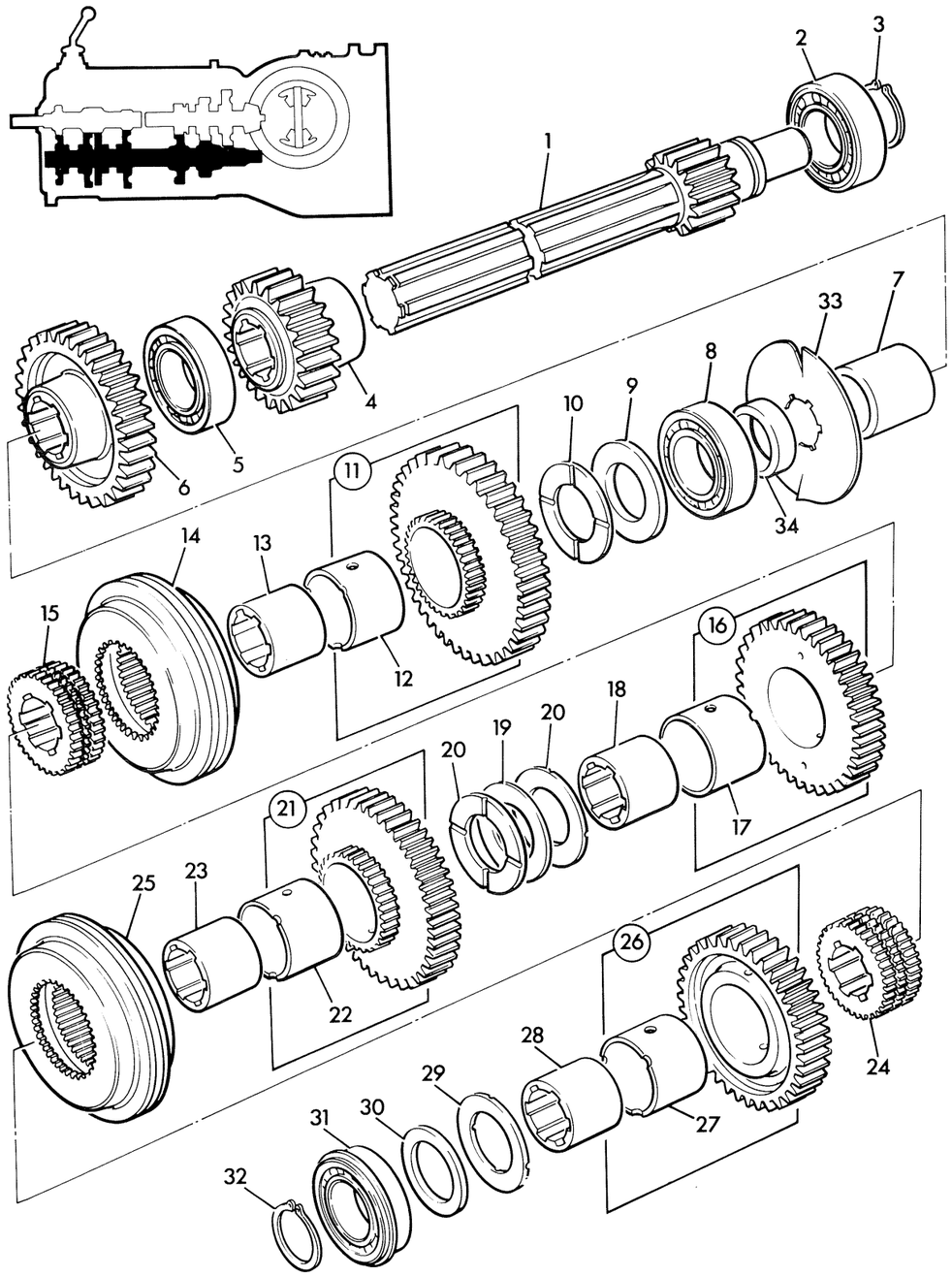


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	CTJ 7209	....	Gearbox Assembly	STD	1
		....	Gearbox Assembly	German	1
2	CTJ 7020	....	:Casing	....	1
3	CTJ 7091	....	:Cover	....	1
4	ATJ 5621 988/00114	Superseded	:Gasket	....	1
5	1305/3208	....	:Bolt	....	6
6	1416/0006	....	:Washer	....	6
7	2K 8158	....	:Plug	Selector Rod	2
8	107/40005 03/200001	To M	Cover	....	1
9	ATJ 5630 988/00127	Superseded	Gasket	....	1
10	NT 3582	....	Dowel	....	2
11	1305/3310	....	Bolt	....	12
12	1416/0007	....	Washer	....	12
13	1305/3420	....	Bolt	....	3
14	1340/0403	....	Nut	....	3
15	1305/3718	....	Bolt	....	4
16	1340/0703	....	Nut	....	4
17	ATJ 1079	....	Bolt	....	13
18	ATJ 7257	....	Bolt	....	2
19	1416/0007	....	Washer	....	15

MF 37 LAYSHAFT

5193

110M **ISSUE** 1



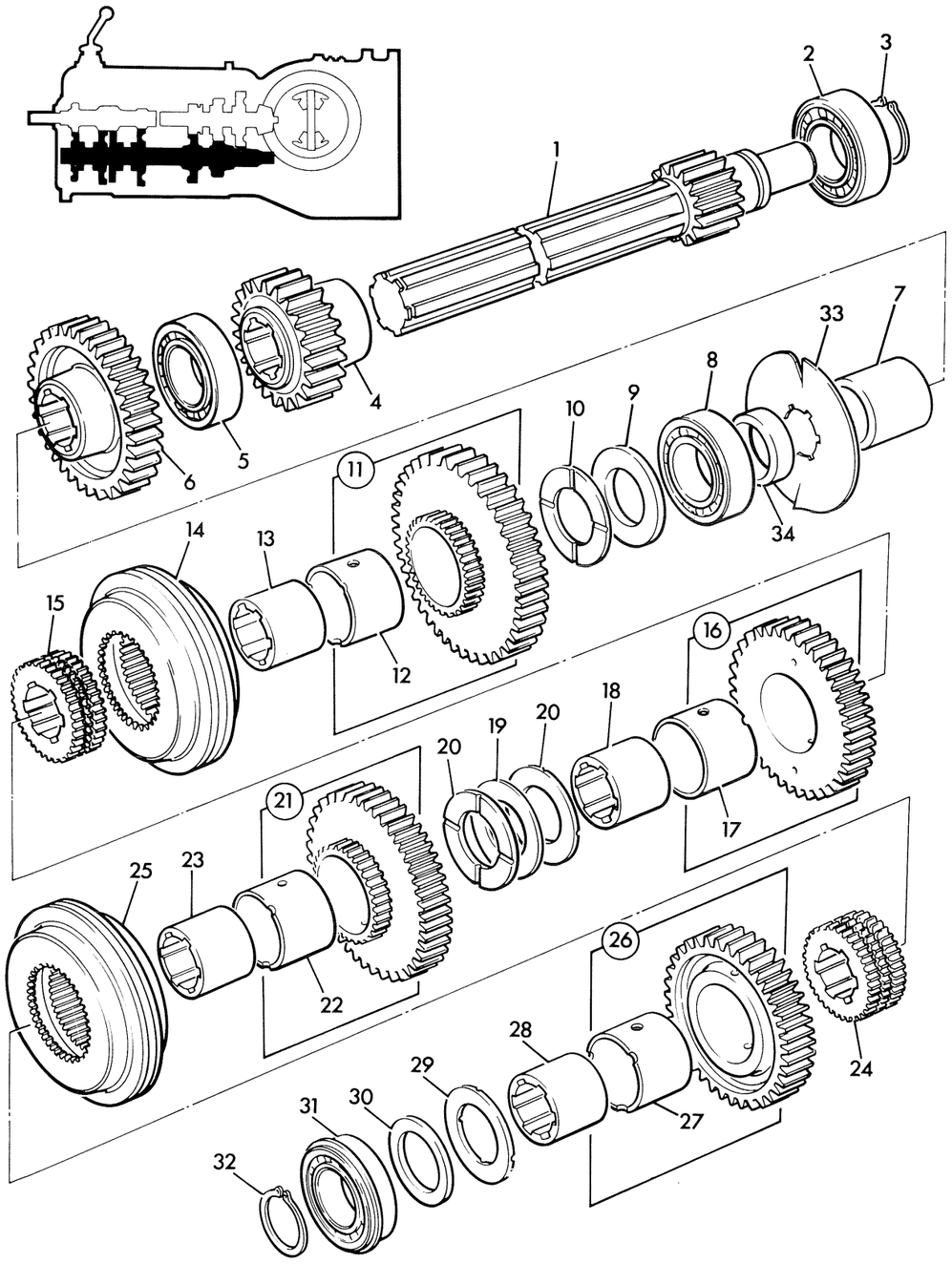
5193A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	CTJ 7026	....	Layshaft	....	1
2	83H 861	....	Bearing-Rear	....	1
3	83H 723	....	Circlip	....	1
4	CTJ 7071	....	Gear	Mid Range	1
5	83H 779 988/00180	Superseded	Bearing	Centre	1
6	CTJ 7070		Gear	High Range....	1
7	CTJ 7065 CTJ 7995	To T238533	Distance Piece	82.8mm	As Reqd
	CTJ 7907 CTJ 7996	To T238533	Distance Piece	83.1mm	As Reqd
	CTJ 7066 CTJ 7997	To T238533	Distance Piece	83.3mm	As Reqd
	CTJ 7908 CTJ 7998	To T238533	Distance Piece	83.6mm	As Reqd
	CTJ 7067 CTJ 8067	To T238533	Distance Piece	83.8mm	As Reqd
	CTJ 7909 CTJ 8068	To T238533	Distance Piece	84.1mm	As Reqd
	CTJ 7068 CTJ 8069	To T238533	Distance Piece	84.3mm	As Reqd
	CTJ 7910 CTJ 8070	To T238533	Distance Piece	84.6mm	As Reqd
	CTJ 7069 CTJ 8071	To T238533	Distance Piece	84.8mm	As Reqd
8	83H 861	....	Bearing	....	1
9	CTJ 7037	....	Spacer	....	1
10	CTJ 7034	....	Washer	....	1
11	CTJ 7045	....	Gear-47T	....	1
12	CTJ 7040	....	:Bush	....	1
13	CTJ 7035	....	Sleeve	....	1
14	CTJ 7064	....	Synchromesh Unit	....	1
15	CTJ 7036	....	Hub Coupler	....	1
16	CTJ 7043	....	Gear-39T	Reverse	1
17	CTJ 7040	....	:Bush	....	1
18	CTJ 7035	....	Sleeve	....	1
19	CTJ 7892	....	Spacer	2.29mm	As Reqd
	CTJ 7893	....	Spacer	2.49mm	As Reqd
	CTJ 7894	....	Spacer	2.59mm	As Reqd
	CTJ 7895	....	Spacer	2.69mm	As Reqd

MF 37 LAYSHAFT

5193

110M **ISSUE** 1



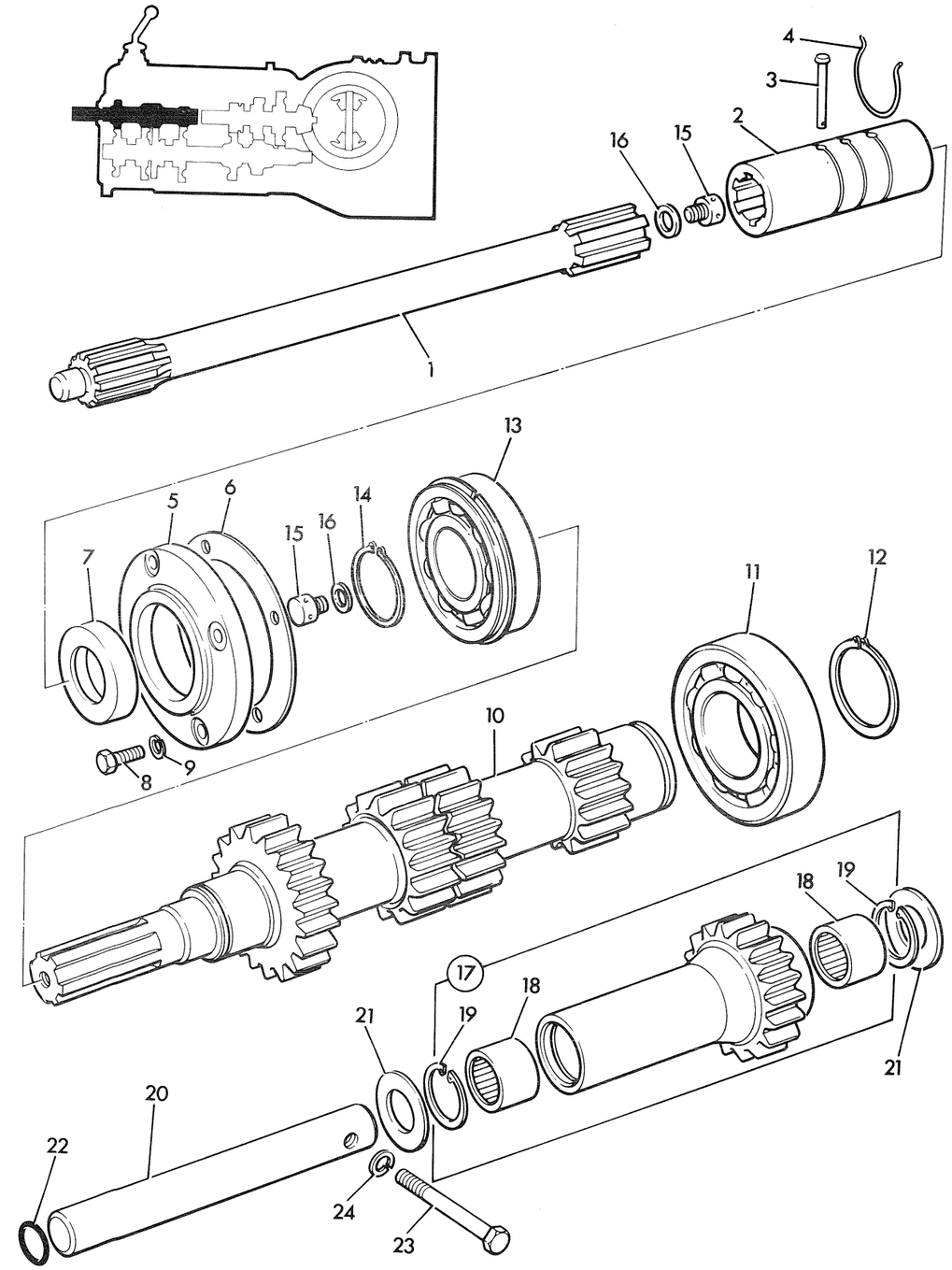
5193A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
19	CTJ 7896	....	Spacer	2.79mm	As Reqd
	CTJ 7897	....	Spacer	2.90mm	As Reqd
	CTJ 7898	....	Spacer	3.00mm	As Reqd
	CTJ 7899	....	Spacer	3.10mm	As Reqd
	CTJ 7900	....	Spacer	3.20mm	As Reqd
	CTJ 7901	....	Spacer	3.30mm	As Reqd
	CTJ 7902	....	Spacer	3.40mm	As Reqd
	CTJ 7903	....	Spacer	3.51mm	As Reqd
	CTJ 7904	....	Spacer	3.61mm	As Reqd
	CTJ 7905	....	Spacer	3.71mm	As Reqd
	CTJ 7906	....	Spacer	3.81mm	As Reqd
20	CTJ 7034	....	Thrust Washer	....	2
21	CTJ 7041	....	Gear-45T	2nd. Speed....	1
	CTJ 8149	....	-44T		
22	CTJ 7040	....	:Bush	....	1
23	CTJ 7035	....	Sleeve	....	1
24	CTJ 7036	....	Hub Coupler	....	1
25	CTJ 7064	....	Synchromesh Unit	....	1
26	CTJ 7038	....	Gear-41T	3rd. Speed....	1
27	CTJ 7040	....	:Bush	....	1
28	CTJ 7035	....	Sleeve	....	1
29	CTJ 7034	....	Thrust Washer	....	1
30	CTJ 7911	....	Spacer	....	As Reqd
31	ACU 1031	....	Bearing	....	1
32	83H 723	....	Circlip	....	1
33	CTJ 7986	T238534 on	Oil Flinger	....	1
34	CTJ 7987	T238534 on	Spacer	....	1

MF 38 PRIMARY SHAFT

5194

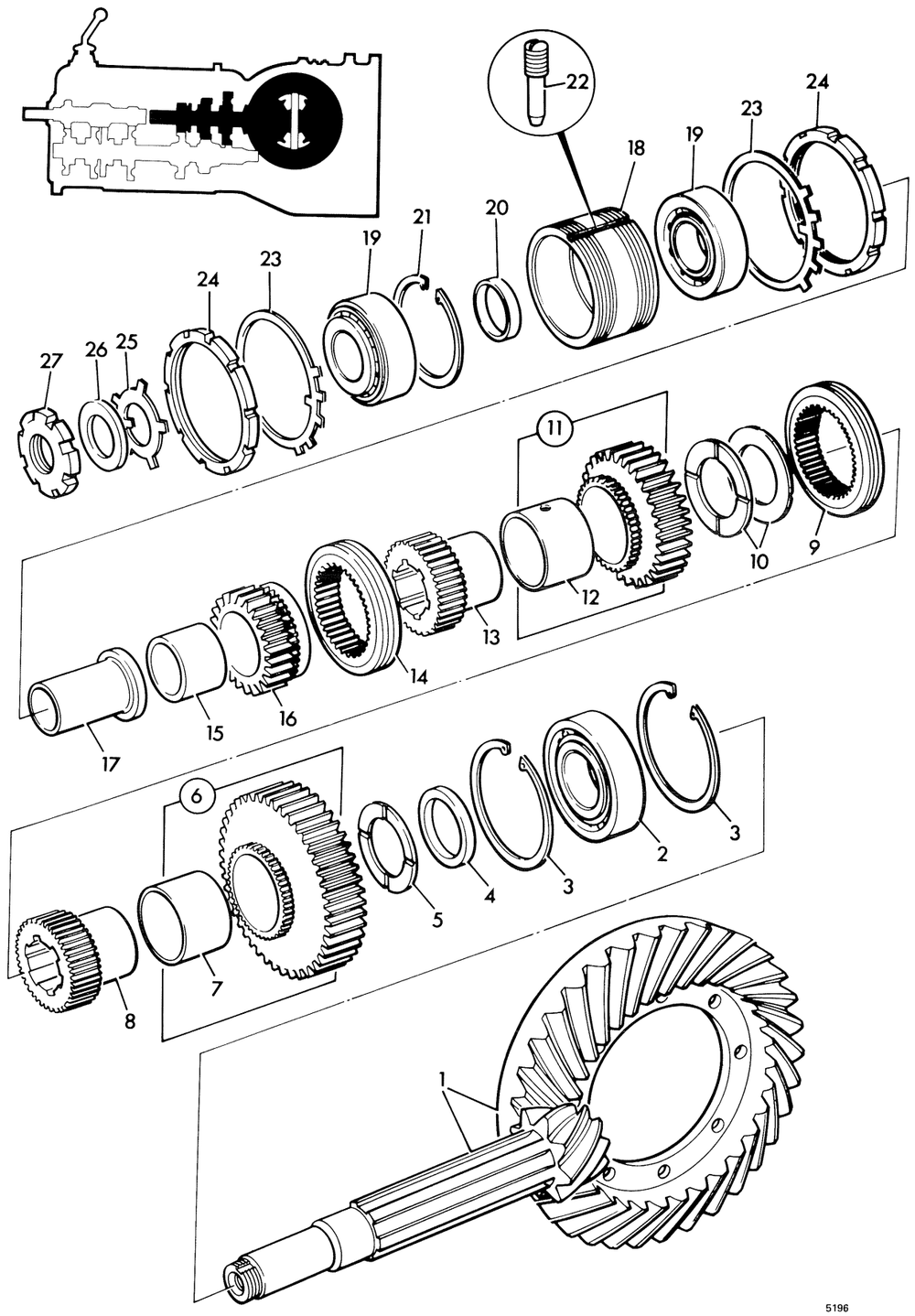
110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	ATJ 7271	....	Shaft	....	1
2	988/00081	....	Sleeve	....	1
3	ATJ 5612	....	Pin	....	2
4	ATJ 5613	....	Clip	....	2
5	ATJ 7521	....	Cover	....	1
6	ATJ 5617 988/00116	Superseded	Gasket	....	1
7	ATJ 2123	....	Seal	....	1
8	1305/0107	....	Bolt	....	4
9	1416/0006	....	Washer	....	4
10	CTJ 7023	....	Primary Shaft	....	1
11	1D 3791	....	Bearing-Rear	....	1
12	ATJ 1066	....	Circlip	....	1
13	6K 777 988/00067	Superseded	Bearing-Front	....	1
14	ESC 40	....	Circlip	....	1
15	ATJ 7240 988/00175	Superseded	Plug	....	2
16	ATJ 1027	....	Washer	....	2
17	CTJ 7072	....	Gear-Reverse	....	1
18	ATJ 2082	....	:Bearing	....	2
19	ATJ 1068	....	:Circlip	....	2
20	CTJ 7075	....	Shaft	....	1
21	CTJ 7074	....	Washer	....	2
22	83H 902	....	'O' Ring	....	1
23	BH 606201	....	Bolt	....	1
24	GHF 333	....	Washer	....	1

MF 39 MAINSHAFT/CROWNWHEEL

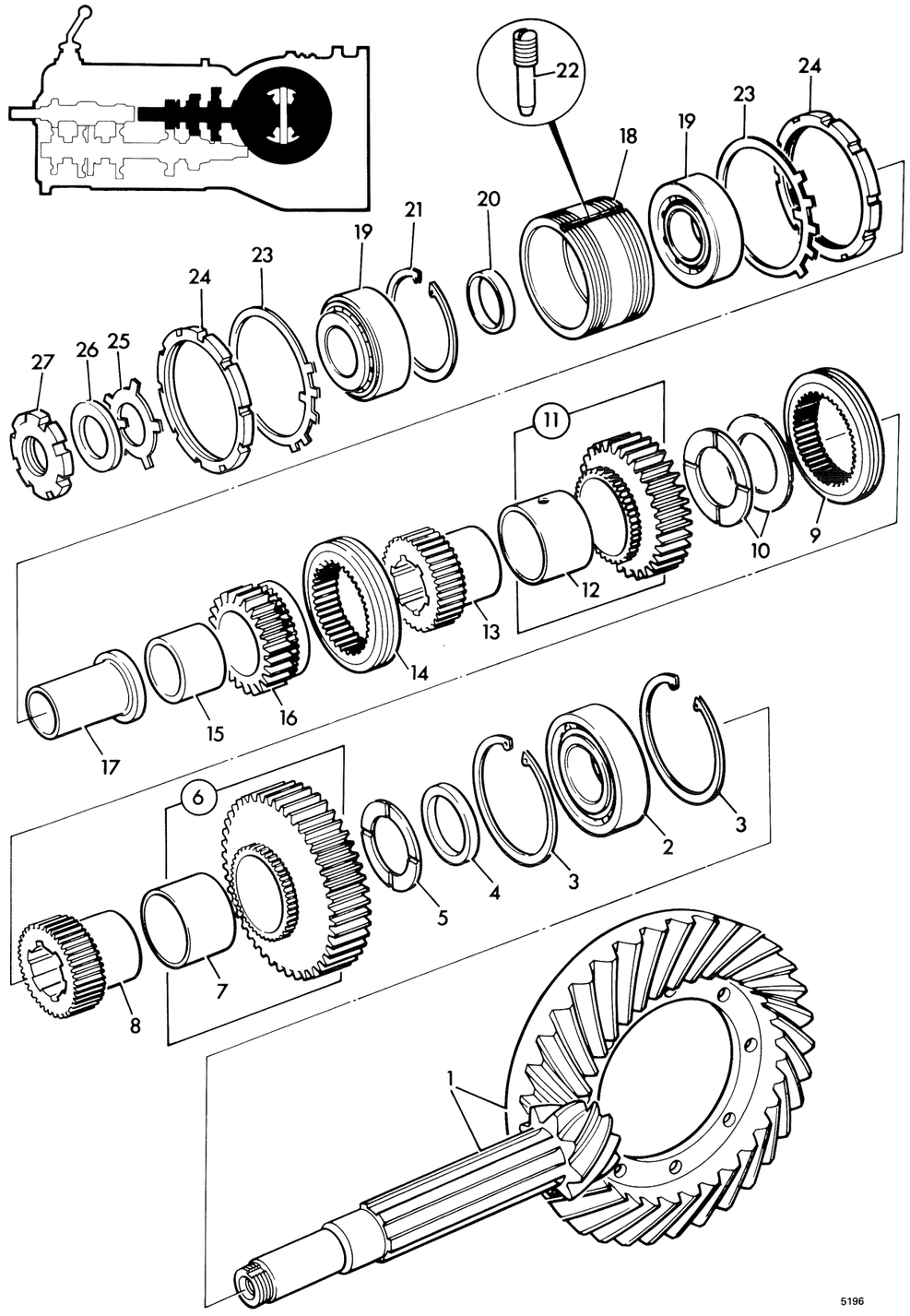
110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	CTJ 7094	....	Main Shaft & Crown Wheel	....	1
2	83H 724 988/00179	Superseded	Bearing-Rear	....	1
3	267985	....	Circlip	....	3
4	CTJ 7047	....	Spacer	3.556mm	As Reqd
	CTJ 7048	....	Spacer	3.683mm	As Reqd
	CTJ 7049	....	Spacer	3.810mm	As Reqd
	CTJ 7050	....	Spacer	3.937mm	As Reqd
	CTJ 7051	....	Spacer	4.064mm	As Reqd
	CTJ 7052	....	Spacer	4.191mm	As Reqd
	CTJ 7053	....	Spacer	4.318mm	As Reqd
	CTJ 7054	....	Spacer	4.445mm	As Reqd
	CTJ 7055	....	Spacer	4.572mm	As Reqd
	CTJ 7056	....	Spacer	4.699mm	As Reqd
	CTJ 7057	....	Spacer	4.826mm	As Reqd
	CTJ 7058	....	Spacer	4.953mm	As Reqd
	CTJ 7059	....	Spacer	5.080mm	As Reqd
	CTJ 7060	....	Spacer	5.207mm	As Reqd
	CTJ 7061	....	Spacer	5.334mm	As Reqd
	CTJ 7062	....	Spacer	5.461mm	As Reqd
	CTJ 7063	....	Spacer	5.591mm	As Reqd
5	CTJ 7034	....	Thrust Washer	....	1
6	CTJ 7079 CTJ 8150	Superseded	Gear -45T	Low Range N/A Use CTJ 8150 + CTJ 8149	1
7	CTJ 7040	....	:Bush	....	1
8	CTJ 7081	....	Hub Coupler	....	1
9	CTJ 7082	....	Collar	....	1
10	CTJ 7883	....	Thrust Washer	Correction was CTJ7034	1
11	CTJ 7083	....	Gear	Mid Range	1
12	CTJ 7040	....	:Bush	....	1
13	CTJ 7081	....	Hub Coupler	....	1
14	CTJ 7082	....	Collar	....	1
15	CTJ 6534	....	Sleeve	....	1
16	CTJ 7085	....	Gear	High Range....	1
17	CTJ 3071	....	Carrier	....	1

MF 39 MAINSHAFT/CROWNWHEEL

110M **ISSUE** 1



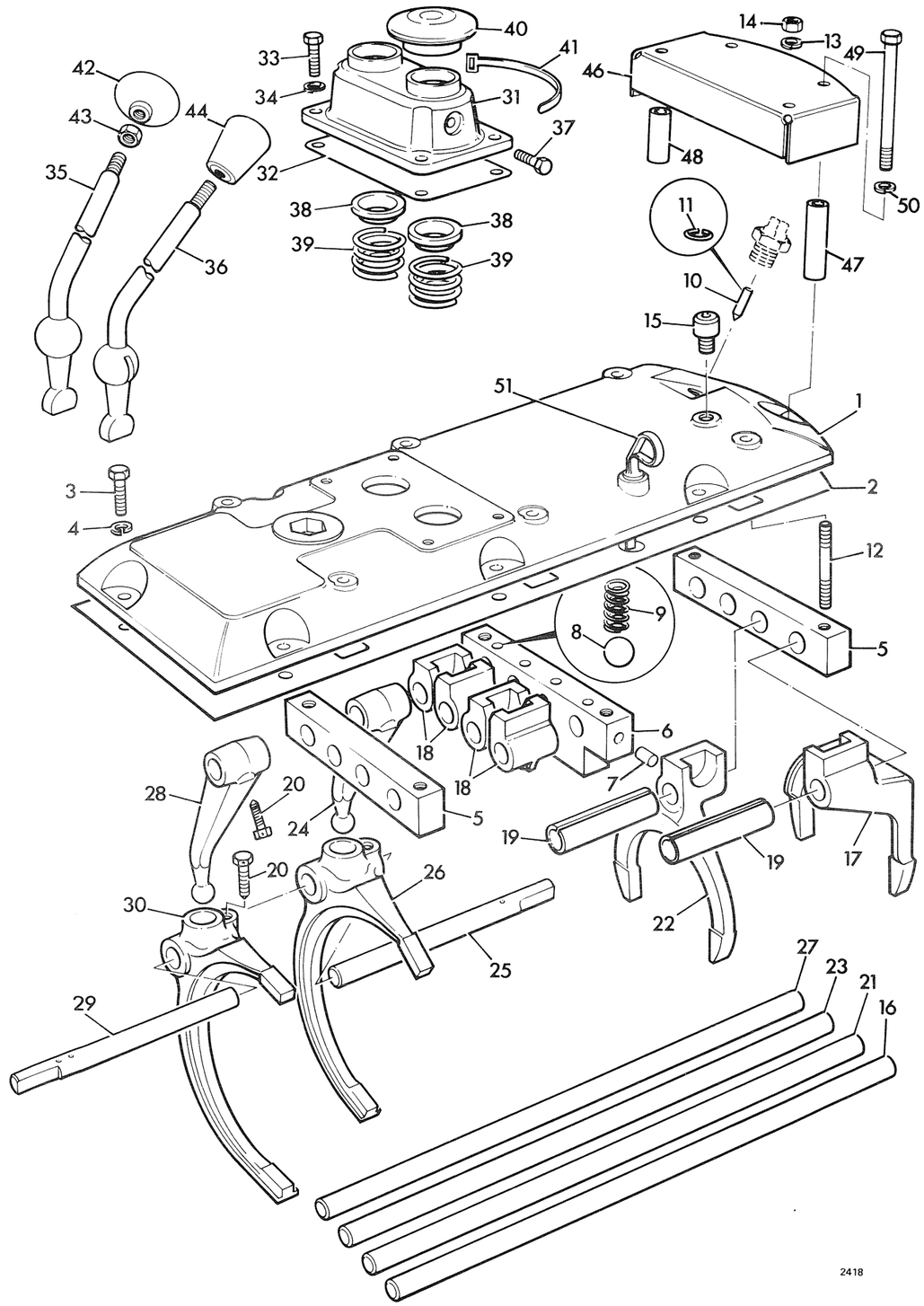
5196

ITEM	PART No.	CHANGE No.		DESCRIPTION	REMARKS	QTY.
18	CTJ 3069	....	....	Housing	....	1
19	13H 997	....	....	Bearing	....	2
20	CTJ 3827	....	....	Spacer	7.772mm	As Reqd
	CTJ 3828	....	....	Spacer	7.823mm	As Reqd
	CTJ 3829	....	....	Spacer	7.874mm	As Reqd
	CTJ 3830	....	....	Spacer	7.925mm	As Reqd
	CTJ 3072	....	....	Spacer	7.976mm	As Reqd
	CTJ 3831	....	....	Spacer	8.026mm	As Reqd
	CTJ 3832	....	....	Spacer	8.077mm	As Reqd
	CTJ 3833	....	....	Spacer	8.128mm	As Reqd
	CTJ 3834	....	....	Spacer	8.179mm	As Reqd
21	CCN 260	....	....	Circlip	....	1
22	NT 4960	....	....	Pin	....	1
23	ATJ 7868	....	....	Lockwasher	....	2
24	ATJ 7866	....	....	Locknut	....	2
25	CTJ 7089	....	....	Lockwasher	....	1
26	CTJ 7090	....	....	Washer	....	1
27	CTJ 7088	....	....	Locknut	....	1

MF 40 COVER ASSEMBLY

5195

110M **ISSUE** 1

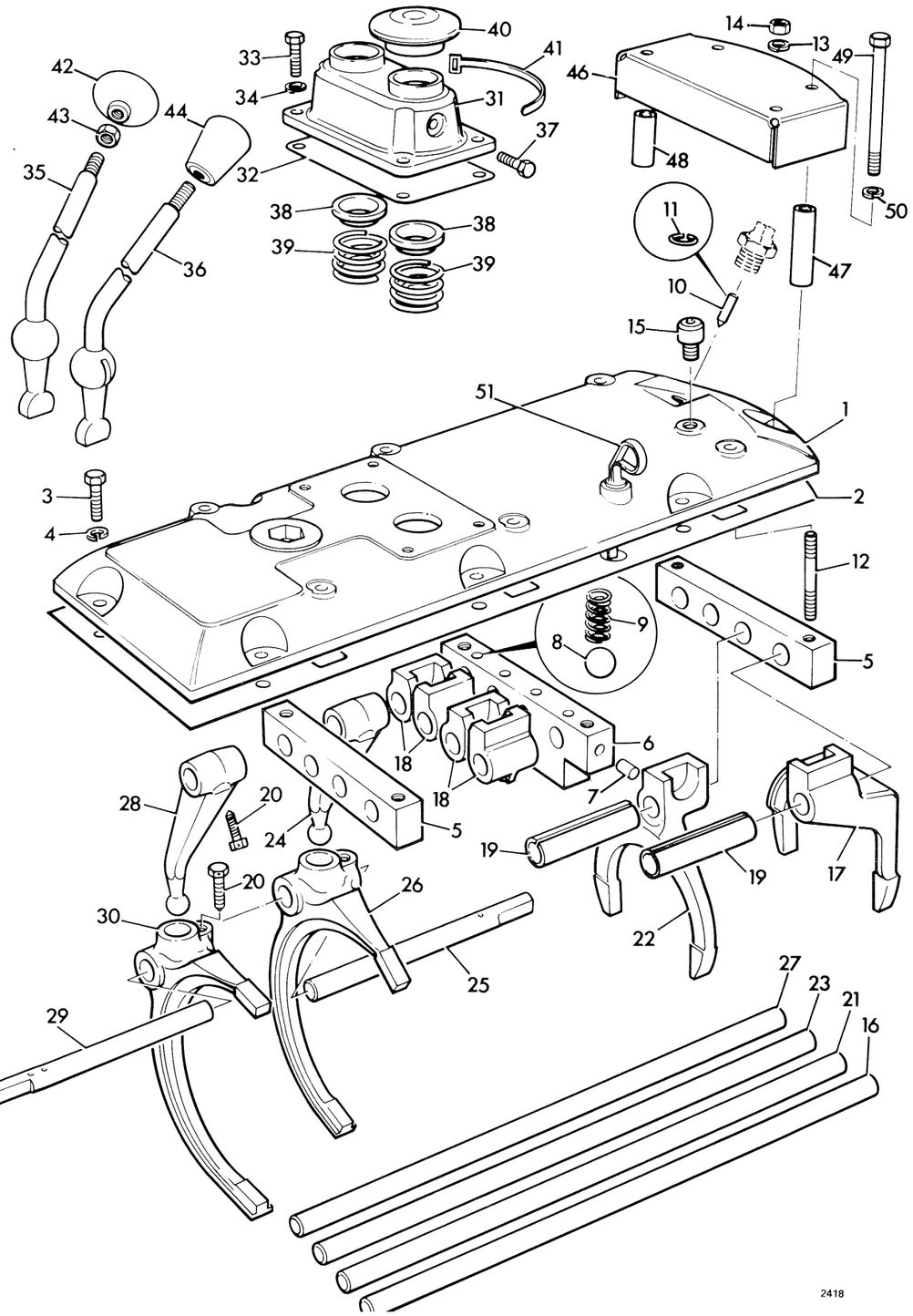


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	CTJ 7792	....	Cover	....	1
2	CTJ 7101	....	Gasket	....	1
3	GHF 106	....	Bolt	....	6
4	GHF 333	....	Washer	....	8
5	CTJ 7102	....	Bearing Block Front & Rear	....	2
6	CTJ 7103	....	Interlock Block	....	1
7	CTJ 7104	....	Plunger	....	3
8	BLS 110	....	Ball	....	6
9	ATJ 1003	....	Spring	....	4
10	CTJ 7106	....	Pin	....	1
11	ACU 1825	....	Clip	....	1
12	FLS 2620	....	Stud-Short	....	4
	FLS 2630 CTJ 9963	Superseded	Stud-Long	....	2
13	GHF 333	....	Washer	....	6
14	NH 606061	....	Nut	....	6
15	21H 6060	....	Breather	....	1
16	CTJ 7795	....	Rod	....	1
17	CTJ 7117	....	Fork	....	1
18	CTJ 7120	....	Jaw	....	4
19	CTJ 7119	....	Tub	....	2
20	ATJ 5517	....	Pin	....	9
21	CTJ 7796	....	Rod-Med/High	....	1
22	CTJ 7118	....	Fork	....	1
23	CTJ 7797	....	Rod-Reverse	....	1
24	CTJ 7121	....	Arm-1st/Reverse	....	1
25	CTJ 7032 CTJ 7817	Superseded	Shaft-1st/Reverse	....	1
26	CTJ 7030	....	Fork-1st/Reverse	....	1
27	CTJ 7798 CTJ 8035	Superseded	Rod-2nd/3rd	....	1
28	CTJ 7123	....	Arm-2nd/3rd	....	1
29	CTJ 7031 CTJ 7816	Superseded	Shaft-2nd/3rd	....	1
30	CTJ 7029	....	Fork-2nd/3rd	....	1
31	CTJ 7141	....	Housing	....	1
32	CTJ 7142	....	Gasket	....	1
33	GHF 133	....	Screw	....	4

MF 40 COVER ASSEMBLY

5195

110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
34	GHF 382	....	Washer	....	4
35	CTJ 7794	....	Lever	....	1
36	CTJ 7146	....	Lever	....	1
37	CTJ 7147 CTJ 7956	Superseded	Pin	....	2
38	CTJ 7144	....	Retainer	....	2
39	CTJ 7143	....	Spring	....	2
40	CTJ 7148 CTJ 7961	Superseded	Gaiter	....	2
41	AAU 5884	....	Clip	....	1
42	CTJ 7139	....	Knob	....	1
43	GHF 204	....	Nut	....	1
44	CTJ 7140	....	Knob	....	1
45	109/64601	....	Lever Extension	Not illustrated	1
46	CTJ 7813	....	Cover	For use on m/c's	1
47	CTJ 7815	....	Spacer-Long	without	1
48	CTJ 7814 CTJ 7955	Superseded	Spacer-Short	weather	1
49	BH 606281	....	Bolt	Without heater	2
	1305/0210		Bolt	With heater	2
50	GHF 333	....	Washer	....	2
51	CTJ 7099	....	Dipstick	....	1

End of Section MF

MG

Steering Column

Page MG 2 only

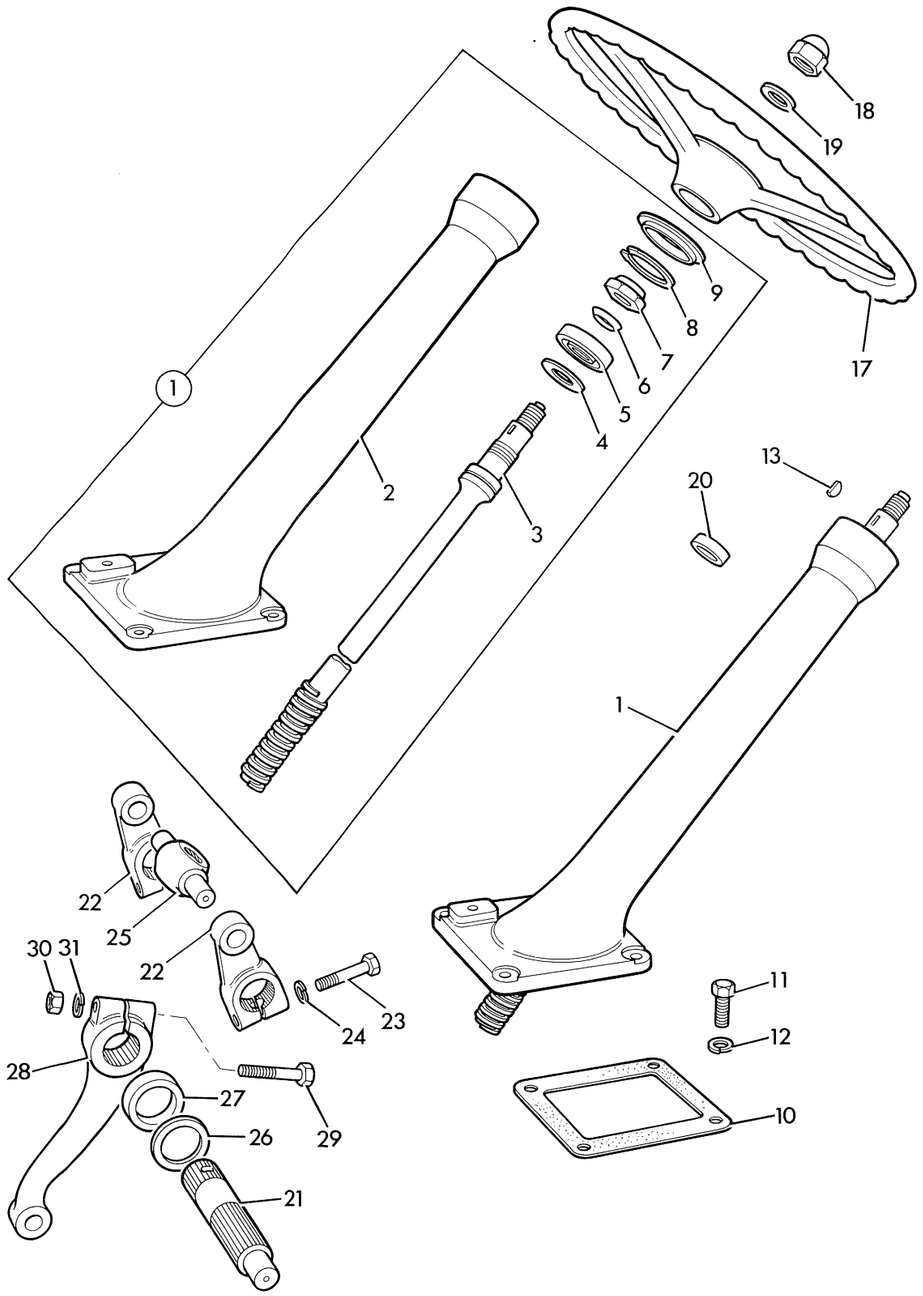
SECTION MG

STEERING COLUMN (Up to Tractor No. 98999) MG2

Note:- From Tractor No. 99001 see machine parts catalogue for details of steering

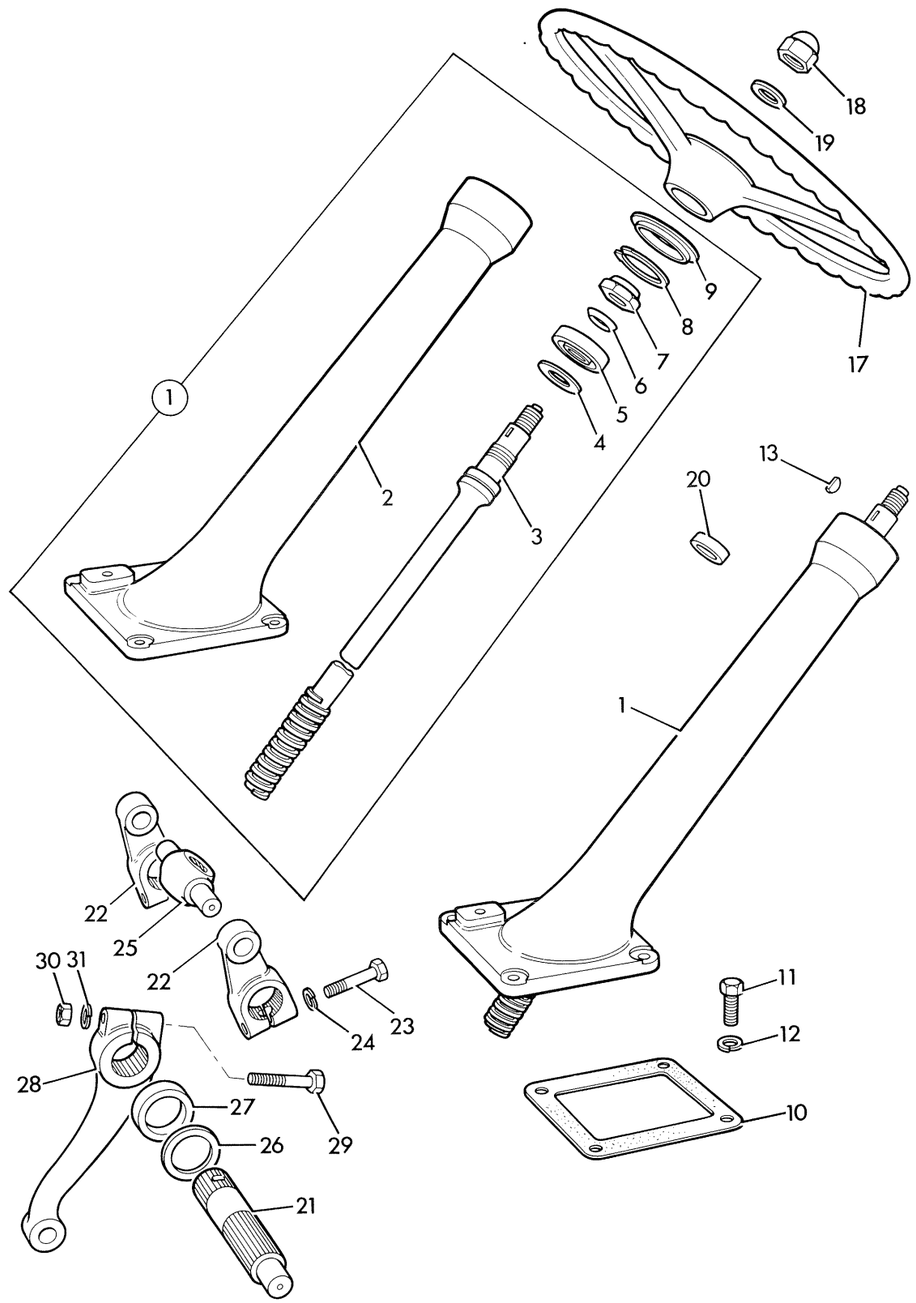
MG 2 STEERING COLUMN

110M **ISSUE** 6



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 4179 ATJ 4360	Superseded	STEERING COLUMN	2 and 3	1
	AL17/9/2 104/80500	Superseded	STEERING COLUMN	3C and 4C	1
	103/29000		STEERING COLUMN	3D	1
2	NT 6760		:Column - 2 and 3	....	1
	AL17/2 104/80600	Superseded	:Column - 3C and 4C	....	1
	103/29100		:Column - 3D	....	1
3	ATJ 4122		:Shaft - 2 and 3	....	1
	AL17/7 104/80700	Superseded	:Shaft - 3C and 4C	....	1
	103/29200		:Shaft - 3D	....	
4	NT 1241		:Seal	....	1
5	ATJ 4186 ATJ 1088	Superseded	:Bearing	....	1
6	NT 3067		:Belleville Washer	....	1
7	NT 5623		:Nut	....	1
8	ATJ 4192		:Circlip .079in.(2.08mm)	....	As Reqd.
	ATJ 4193		:Circlip.082in.(2.084mm)	....	As Reqd.
	ATJ 4194		:Circlip.085in.(2.160mm)	....	As Reqd.
	ATJ 4195		:Circlip.088in.(2.236mm)	....	As Reqd.
9	N.S.P.		:Cover	Was NT 5015	1
10	NT 6749		Gasket	Column to Housing	1
11	HNS 0710 1305/0108	Superseded	Bolt - 2 and 3	Column to Housing	4
	1305/3314		Bolt - 3C,3D and 4C	Column to Housing	4
12	LWN 207 G16/8 1416/0007	Superseded Superseded	Washer	....	4
13	WKN 606		Woodruff Key	....	1
17	ATJ 4121		Steering Wheel - 2,3,	3C and 4C	1
	SW3/1		Steering Wheel - 3D	....	1
18	ATJ 4123		Nut	....	1
19	PWZ 110 1411/0007	Superseded	Washer	....	1
20	ATJ 9383		Packing Washer	Steering Wheel	1
21	NT 8003		Cross-Shaft	... .	1
22	NT 8002		Lever-Trunnion	....	2
23	HNS 0718 1305/3316	Superseded	Screw	Lever to Cross-Shaft	2

MG 2 STEERING COLUMN



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
24	LWN 207 1416/0007	Superseded	Washer	....	2
25	NT 6541	....	Nut-Trunnion	....	1
26	ATJ 4161	....	Oil Seal	....	1
27	NT 5477	....	Distance Piece	....	1
28	NT 7464	....	Steering Drop-Arm	....	1
29	HBN 0824 1305/3422	Superseded	Bolt	Drop-Arm to Cross-Shaft	1
30	FNN 108 FNZ 108	Superseded	Nut	....	1
31	LWN 208 1416/0008	Superseded	Washer	....	1
	G16/8 1416/0007	Superseded	Washer	....	4

End of Section MG

ISSUE 1

MJ

Brakes

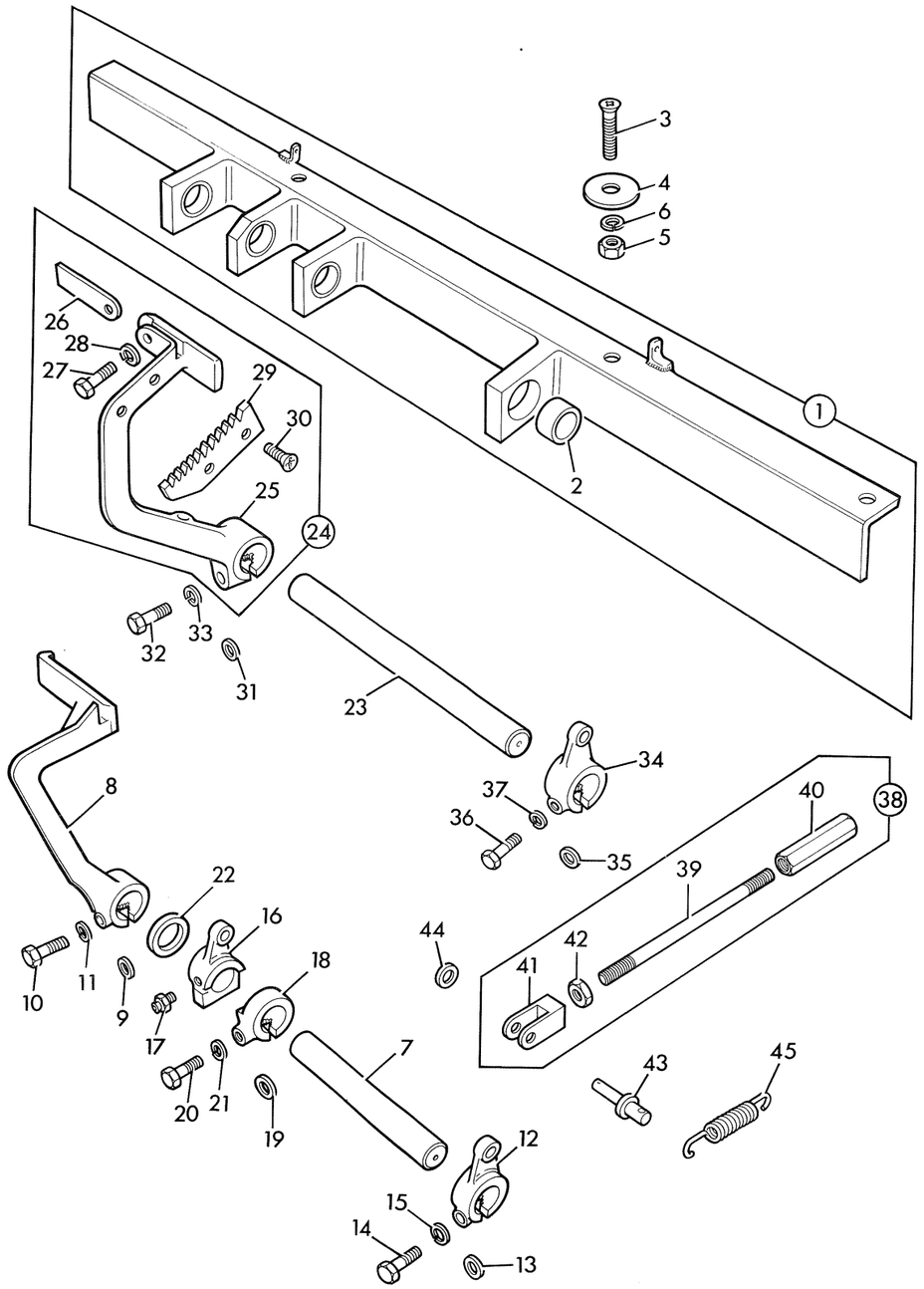
Pages MJ1 to MJ6-4

PCA 110M

Description	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Brakes -Transmission	See Index MF							
-Handbrake	MJ7 T98999 MF10.1	MJ10.1	MJ7 T98999 MJ10.1	MJ10 T98999 MJ10.1	MJ11 T98999 MJ10.1	MJ10	MJ10.1	MJ10.1
-Linkage-Manual Transmission	MJ1 M20486 MJ6 T98999 MJ6.1	MJ6.1 M118490 MJ6.3	MJ1 M41419 MJ6 T98999 MJ6.1 M118490 MJ6.3	MJ6 T98999 MJ6.1 M118490 MJ6.3	MJ12 T98999 MJ12.1 M46852 MJ6.1 M118490 MJ6.3	MJ6	MJ6.1	
-T/C Trans.	MJ6.1	MJ6.1 M63022 MJ6.2 M118353 MJ6.4	MJ6.1 M63022 MJ6.2 M118353 MJ6.4	MJ6.1 M63022 MJ6.2 M118353 MJ6.4	MJ12.1 M46852 MJ6.1 M63022 MJ6.2 M118353 MJ6.4			MJ6.1 M63022 MJ6.2 M118353 MJ6.4
German/Austrian -Wheel Brakes	MJ13 T98999 MJ14 M53737 MJ14.1	MJ14.1	MJ13 T98999 MJ14 M53737 MJ14.1	MJ13 T98999 MJ14 M53737 MJ14.1	MJ13 T98999 MJ14 M53737 MJ14.1	MJ13		MJ14 M53737 MJ14.1
-Balancer Lever	MJ16.1 T98999 MJ18 M53737 MJ18.1	MJ18 M53737 MJ18.1	MJ16.1 T98999 MJ18 M53737 MJ18.1	MJ16.1 T98999 MJ18 M53737 MJ18.1	MJ16.1 T98999 MJ18 M53737 MJ18	MJ16.1		MJ18 T153737 MJ18.1
-Handbrake/ Linkage	MJ15 T98999 MJ18 M53737 MJ18.1	MJ18 M53737 MJ18.1	MJ15 T98999 MJ18 M53737 MJ18.1	MJ17 T98999 MJ18 M53737 MJ18.1	MJ17 T98999 MJ18 M53737 MJ18.1	MJ17		MJ18 M53737 MJ18.1
Heavy Duty -Optional		MJ19	MJ19	MJ19	MJ19			MJ19

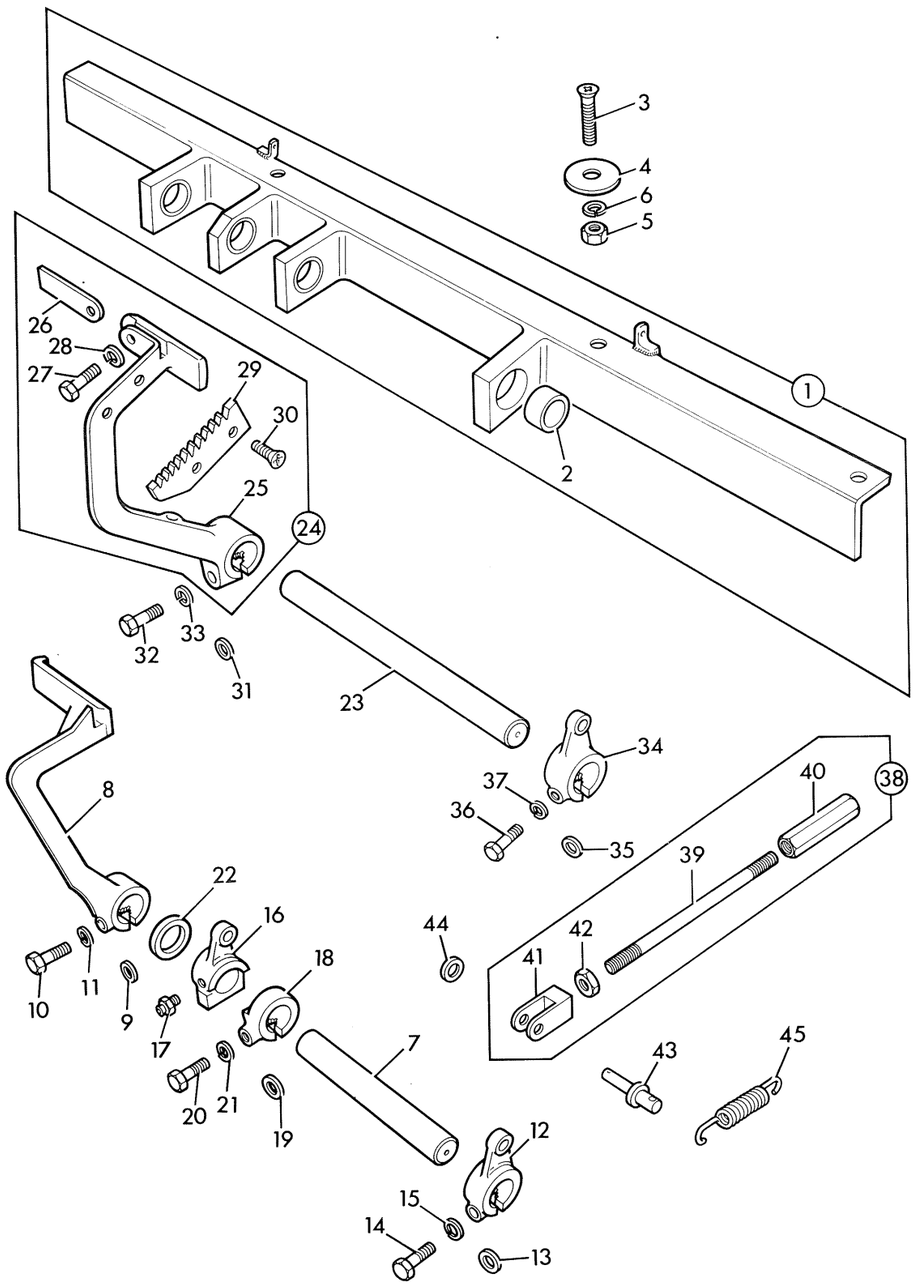
MJ 1 BRAKE LINKAGE 5-SPEED GEARBOX

110M **ISSUE** 4*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 7576	....	Support Bracket	Includes item 2	1
2	LBS 1812 ATJ 1095	Superseded	:Bush	....	4
3	CMN 0728 ATJ 9370	Superseded	Screw	....	2
4	AJD 7252	....	Washer	....	2
5	FNN 107 AJD 8107 1340/0301	Superseded Superseded	Nut	....	2
6	LWN 207 1416/0007	Superseded	Washer	....	2
7	NT 5963	....	Shaft	....	1
8	NT 5602	....	Brake Pedal	....	1
9	NT 5955	....	Key	....	1
10	HBN 0618 1305/3216	Superseded	Bolt	....	1
11	LWN 206 1416/0006	Superseded	Washer	....	1
12	NT 8060	....	Lever	....	1
13	NT 5955	....	Key	....	1
14	HBN 0615 1305/3213	Superseded	Bolt	....	1
15	LWN 206 1416/0006	Superseded	Washer	....	1
16	NT 6144	....	Lever	....	1
17	UHN 105 1450/0004	Superseded	*Grease Nipple	....	1
18	NT 6145	....	Lever	....	1
19	NT 5955	....	Key	....	1
20	HBN 0615 1305/3213	Superseded	Bolt	....	1
21	LWN 206 1416/0006	Superseded	Washer	....	1
22	NT 5964	....	Distance Piece	....	1
23	NT 5966	....	Shaft	....	1
24	NT 8353	....	Brake Pedal	....	1
25	NT 8348	....	:Pedal	....	1
26	NT 1682 ATJ 5815	Superseded	:Latch	....	1
27	HBN 0510	....	:Bolt	....	1
28	LWN 205 1416/0005	Superseded	:Washer	....	1

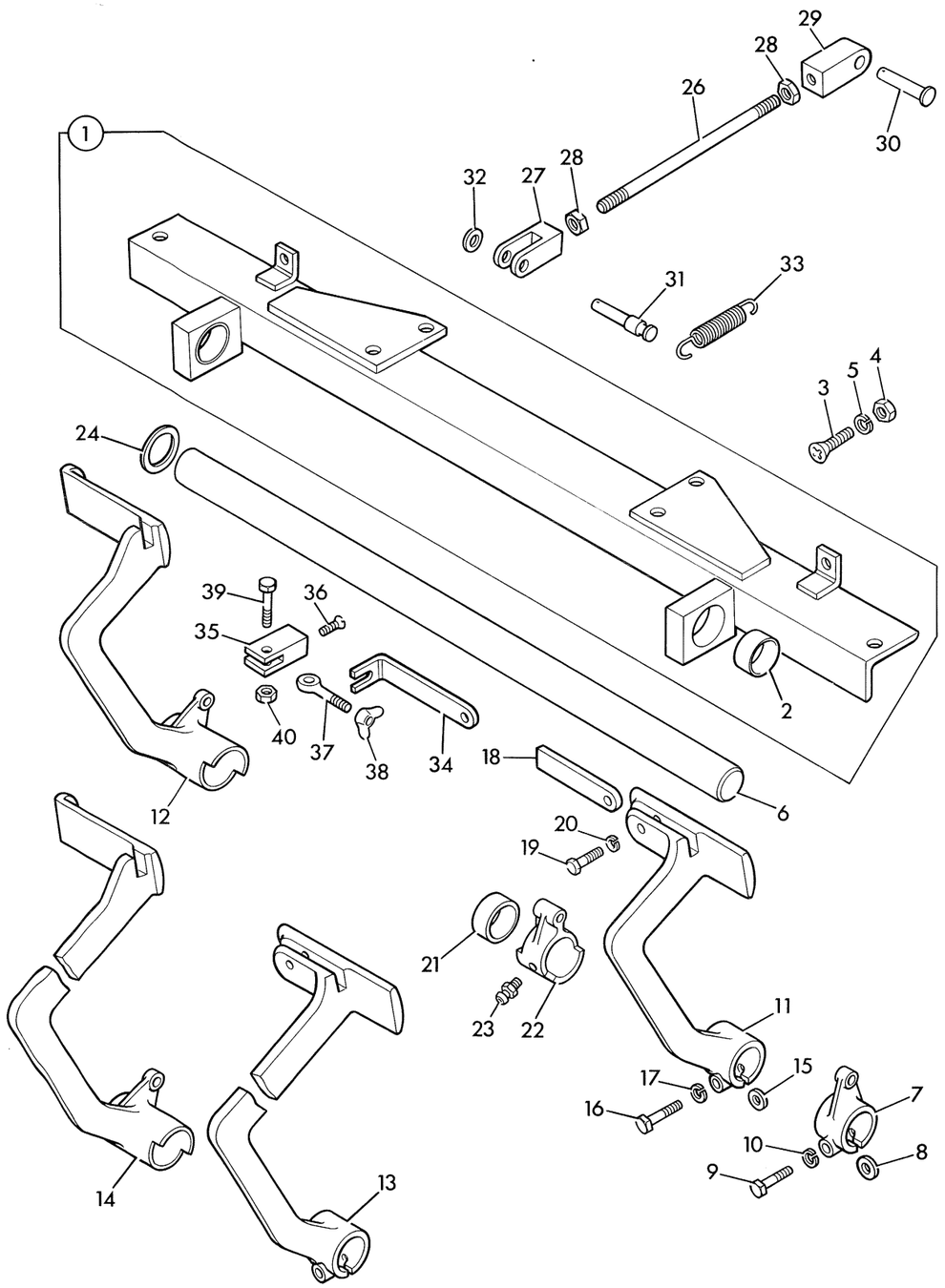
MJ 1 BRAKE LINKAGE 5-SPEED GEARBOX



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
29	NT 8349	....	:Ratchet	....	1
30	CMN 0412 CMN 412	Superseded	:Screw	....	1
31	NT 5955	....	Key	....	1
32	HBN 0618 1305/3216	Superseded	Bolt	....	1
33	LWN 206 1416/0006	Superseded	Washer	....	1
34	NT 8061	....	Lever	....	1
35	NT 5955	....	Key	....	1
36	HBN 0615 1305/3213	Superseded	Bolt	....	1
37	LWN 206 1416/0006	Superseded	Washer	....	1
38	N.S.P.	....	Rod	Was NT 7212	2
39	NT 6975	....	:Rod	....	1
40	NT 6974	....	:Adjustor	....	2
41	NT 5545	....	:Clevis	....	2
42	FNN 106 1340/0201	Superseded	:Locknut	....	2
43	NT 2050	....	Clevis Pin	....	2
44	PWN 105 1411/0002	Superseded	Washer	....	4
45	NT 3287	....	Spring	....	2

MJ 6 BRAKE LINKAGE 10-SPEED GEARBOX

110M **ISSUE** 6*

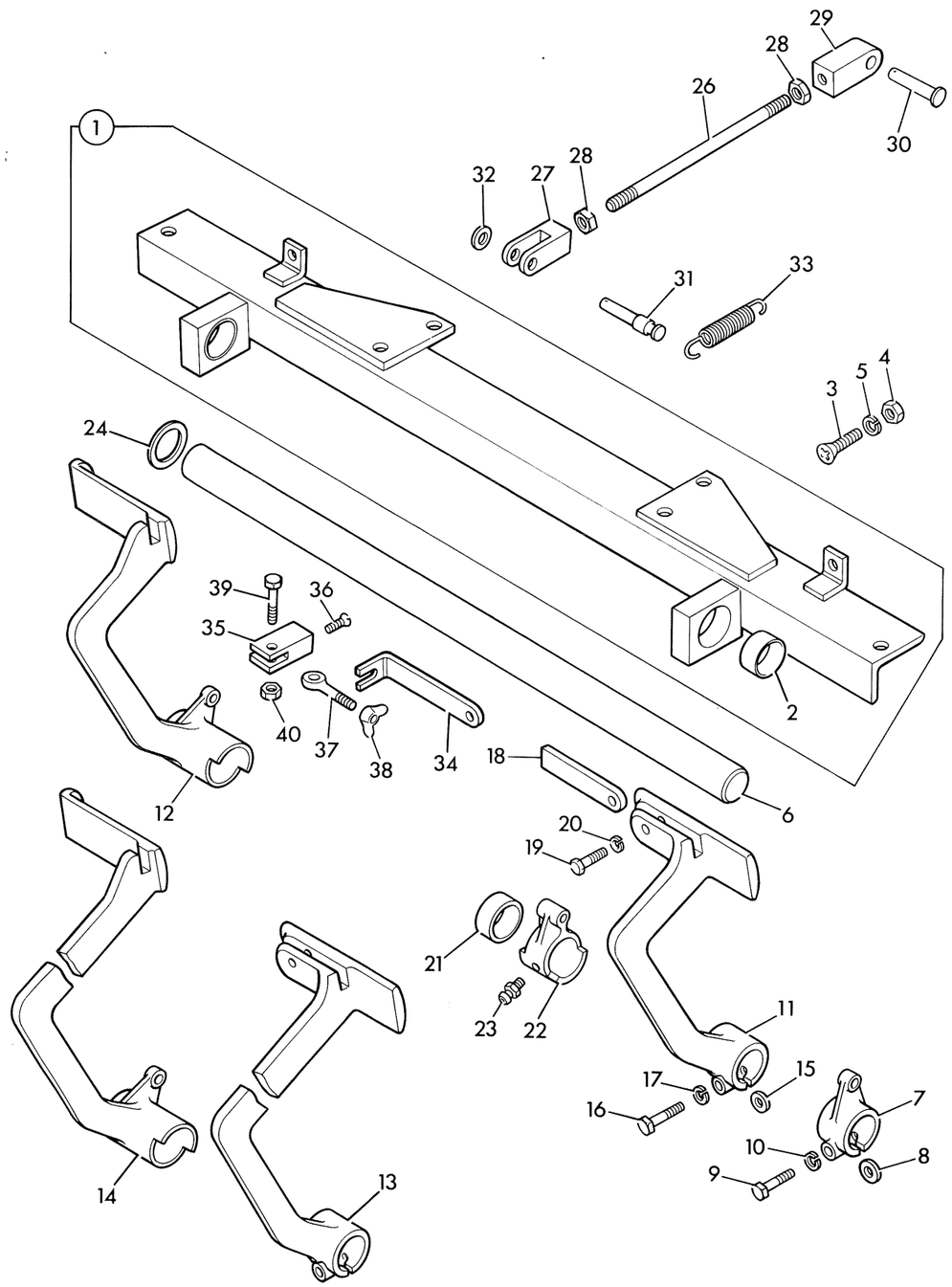


5266

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 9460	....	Bracket	....	1
2	LBS 1812 ATJ 1095	Superseded	Bush	....	2
3	CMN 0736 CMN 736	Superseded	Screw	....	2
4	FNN 107 1340/0301	Superseded	Nut	....	2
5	LWN 207 1416/0007	Superseded	Washer	....	2
6	ATJ 7564	....	Shaft	....	1
7	ATJ 7565	....	Lever	....	1
8	NT 5955	....	Key	....	1
9	HBN 0616 1305/3214	Superseded	Bolt	....	1
10	LWN 206 1416/0006	Superseded	Washer	....	1
11	ATJ 7566 ATJ 7750	Superseded	Pedal-Left Hand 3 Cyl.	....	1
12	ATJ 7567 ATJ 7749	Superseded	Pedal-Right Hand 3 Cyl.	....	1
13	104/85600	....	Pedal-Left Hand 4 Cyl.	....	1
14	104/85500	....	Pedal-Right Hand 4 Cyl.	....	1
15	NT 5955	....	Key	....	1
16	HBN 0616 1305/3214	Superseded	Bolt	....	1
17	LWN 206 1416/0006	Superseded	Washer	....	1
18	NT 1682 ATJ 5815	Superseded	Latch	....	1
19	HBN 0510 HNS 0509 1305/0107	Superseded Superseded	Bolt	....	1
20	LWN 205 1416/0005	Superseded	Washer	....	1
21	LBS 1812 ATJ 1095	Superseded	Bush	....	2
22	ATJ 7569	....	Lever	....	1
23	UHN 105 1450/0004	Superseded	*Grease Nipple	....	1
24	PWN 118 1411/0011	Superseded	Washer	....	1
26	ATJ 7575	....	Rod	....	3
27	NT 5545	....	Clevis	....	2

MJ 6 BRAKE LINKAGE 10-SPEED GEARBOX

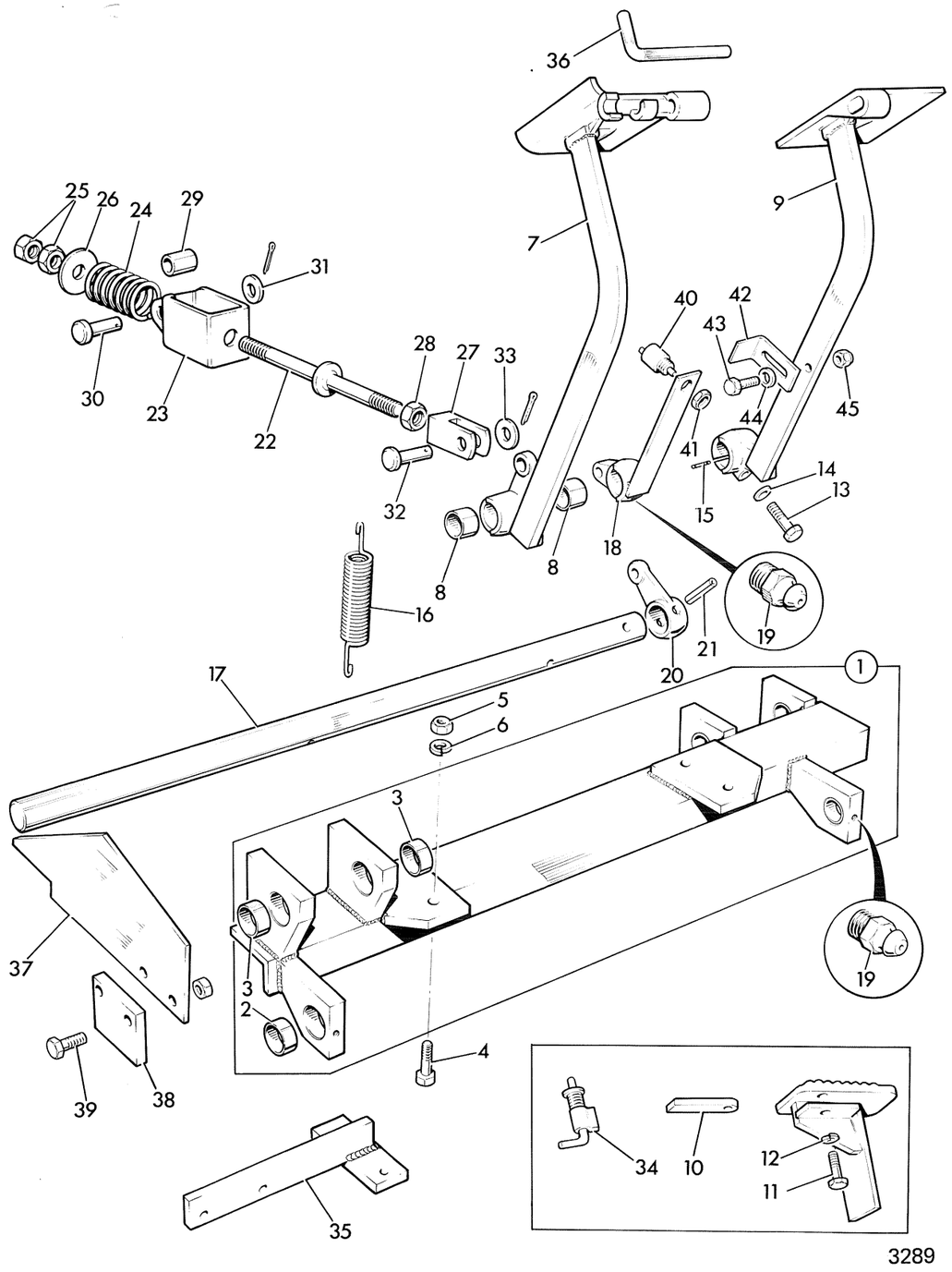
110M **ISSUE 1**



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
28	FNN 106 1340/0201	Superseded	Locknut	....	4
29	ATJ 7576	....	Link	....	2
30	ATJ 7577	....	Clevis Pin	....	2
31	ATJ 7657	....	Clevis Pin	....	2
32	PWN 105 1411/0002	Superseded	Washer	....	4
33	ATJ 7658	....	Spring	....	2
34	L17/264	....	Latch	German Machines Only	1
35	L17/265	....	Mounting Block	German Machines Only	1
36	G96/0	....	Screw	German Machines Only	2
37	L17/266	....	Swing Bolt	German Machines Only	1
38	G54/1	....	Wing Nut	German Machines Only	1
39	1305/3008	....	Bolt	German Machines Only	1
40	1340/0003	....	Nut	German Machines Only	1

5266

MJ 6–1 BRAKE LINKAGE

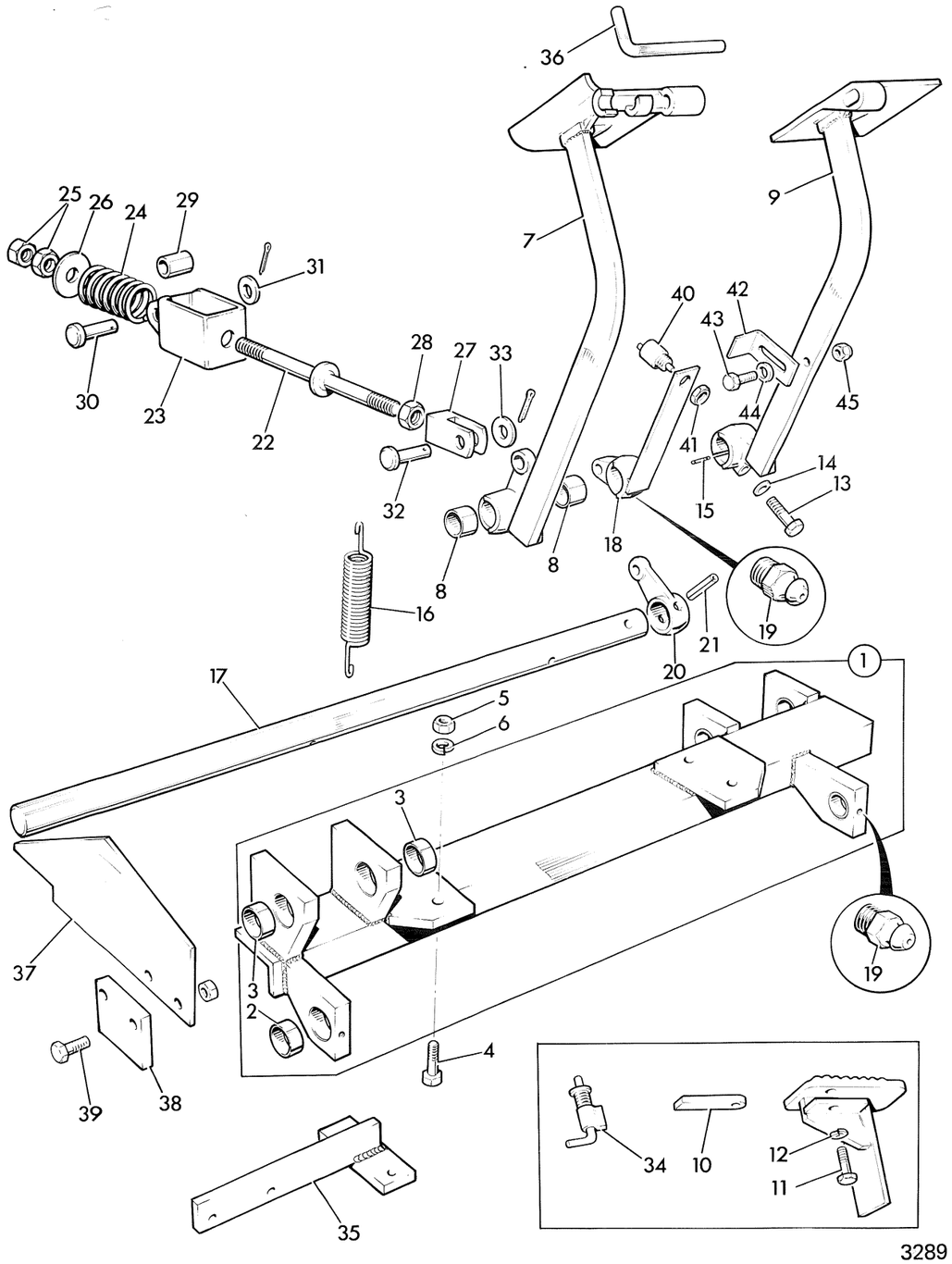


3289

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 5105 106/65309 ATJ 5184	Superseded Superseded	Bracket	STD Handbrake	1
	106/24000	....	Bracket	Heavy Duty Handbrake	1
2	LBS 1812 ATJ 1095	Superseded	Bush	....	2
3	LBS 3612	....	Bush	....	4
4	HBZ 0618 1305/3216	Superseded	Bolt	....	4
5	FNZ 106 1340/0201	Superseded	Nut	....	4
6	LWZ 206 1416/0006	Superseded	Spring Washer	....	4
7	106/40500 107/45100	To M21618	Brake Pedal R.H.	JCB 2B	1
	106/40500 107/45100	To M46853	Brake Pedal R.H.	JCB 3C	1
	107/30800 107/45100	To M46853	Brake Pedal R.H.	JCB Mk 11	1
	107/45100	....	Brake Pedal R.H.	JCB,2D,3D,4D,700	1
8	LBS 1812 ATJ 1095	Superseded	Bush	....	1
9	106/40600 107/45200	To M21618	Brake Pedal L.H.	JCB 2B	1
	106/40600 107/45200	To M46853	Brake Pedal L.H.	JCB 3C	1
	107/30900 107/45200	To M46853	Brake Pedal L.H.	JCB Mk 11	1
	107/45200	....	Brake Pedal	JCB 2D,3D,4D & 700	1
10	106/55101 See item 36	To M21618	Latch	JCB 2B	1
	106/55101 See item 36	To M46853	Latch	JCB 3C	1
	107/30003 See item 36	To M46853	Latch	JCB 3	1
11	HZS 0508 1305/3210	To M21618	Bolt	JCB 2B	1
	HZS 0508 1305/3210	To M46853	Bolt	JCB 3C	
	1305/3210	....	Bolt	JCB 3	
12	LWZ 205 1416/0005	Superseded	Washer	....	1

MJ 6–1 BRAKE LINKAGE

110M **ISSUE** 8*

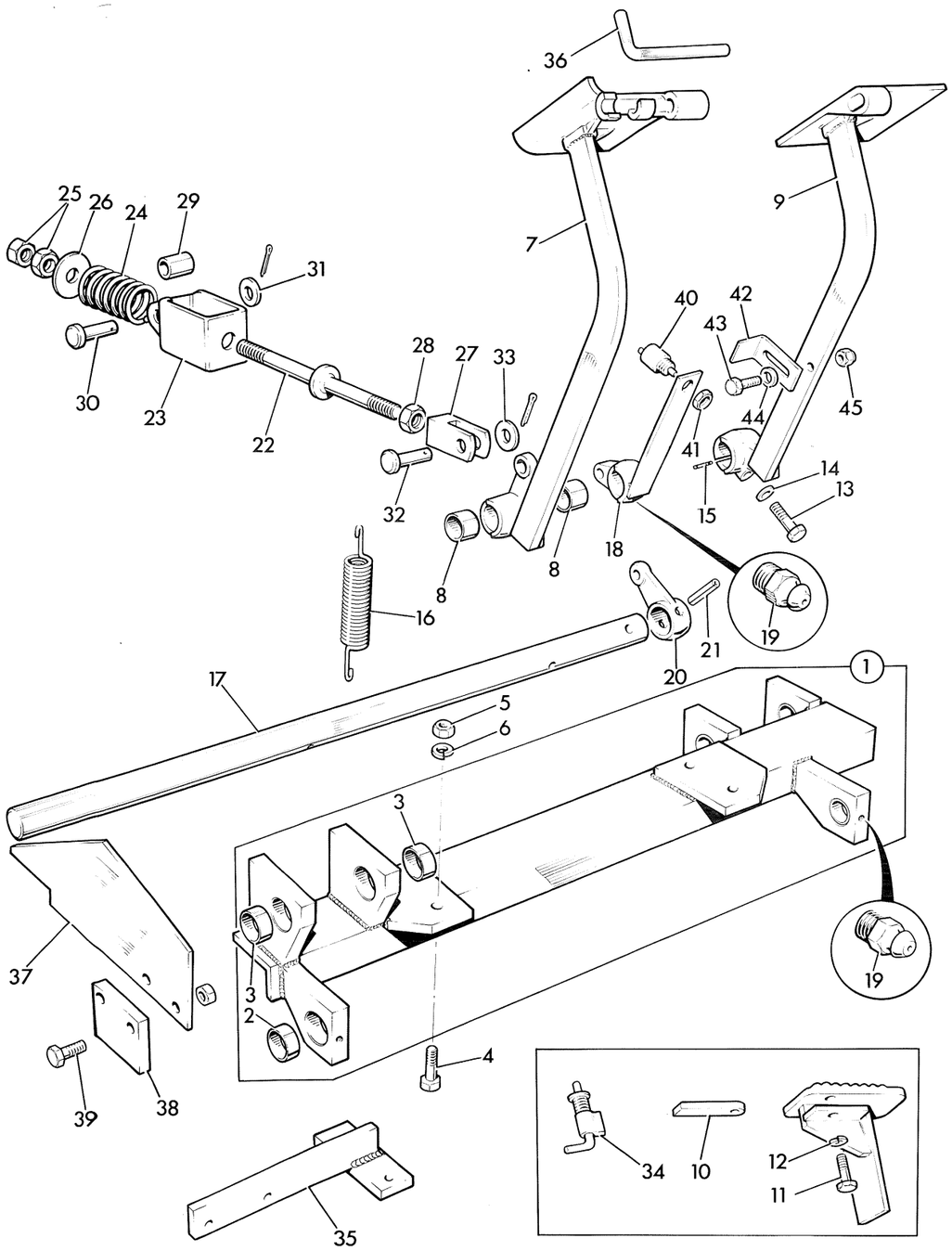


3289

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
13	HBZ 0618 1305/3216	Superseded	Bolt	....	1
14	LWZ 206 1416/0006	Superseded	Washer	....	1
15	NT 5955	....	Key	....	1
16	ATJ 5123 107/45004	To M21618	Spring	JCB 2B	2
	ATJ 5123 107/45004	To M46853	Spring	JCB 3C	2
	103/37009 107/45004	To M46853	Spring	JCB 3	2
	107/45004	....	Spring	JCB 2D,3D,4D, & 700	2
17	ATJ 5110 CTJ 6372	See Remarks	Pedal Shaft	ATJ5110 N/A Use CTJ6372 + ACK1076	1
18	ATJ 5111 ATJ 8951 ATJ 3994	Superseded To M66540	Lever-Handbrake	....	1
19	UHN 105 1450/0004	Superseded	*Grease Nipple	....	1
20	ATJ 5112 CTJ 6365	Superseded	Lever L.H.	....	1
21	ATJ 2085 RPS 1628 MPS 2814 108/41401	Superseded Superseded Superseded	Pin	Lever to Shaft	1
22	ATJ 5116	To T112798	Compensator Rod	ATJ5116 N/A Use ATJ5174 with ATJ7576 & ATJ7577	2
23	ATJ 5118	To T112798	:Link	ATJ5116 N/A Use ATJ5174 with ATJ7576 & ATJ7577	2
24	ATJ 5119	To T112798	Spring	....	2
25	FNZ 206 NT 606041	Superseded To T112798	Nut	....	4
26	PWZ 206	To T112798	Washer	....	2
27	NT 5545	....	Fork	....	2
28	FNZ 106 1340/0201	Superseded	Nut	....	2
29	ATJ 5120	To T112798	Distance Piece	....	2
30	ATJ 5124 ATJ 7577	To T112798	Link Pin	....	2
31	PWZ 105 WA108051 1411/0002	Superseded Superseded	Washer	....	2
32	NT 3033 CLZ 517	Superseded	Clevis Pin	....	2

MJ 6–1 BRAKE LINKAGE

110M **ISSUE** 3*

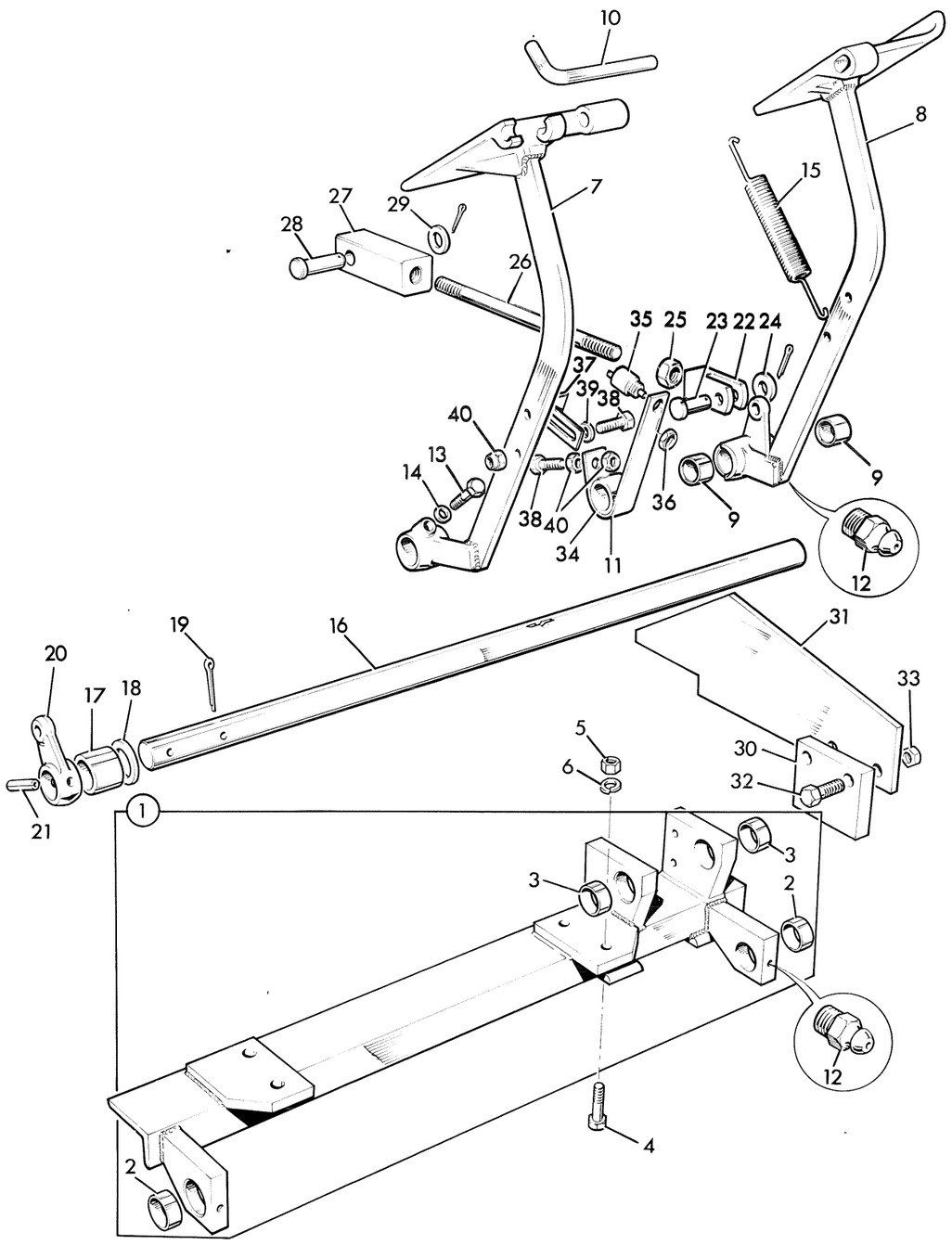


3289

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
33	PWZ 105 1411/0002	Superseded	*Washer	....	2
34	106/55000	....	Lock Pedal Link	Welded to Pedal	1
35	107/30600	....	Bracket	....	1
36	107/45005	....	Locking Pin	....	1
37	102/85103	....	Support Plate	....	1
38	102/85104	....	Lug	Weld to item 1 on Assy.	1
39	1305/0206	....	Bolt	....	2
	1340/0203	....	Nut	....	2
	UHN 105 1450/0004	Superseded	*Grease Nipple	....	2
40	See 180° Catalogue		Switch	....	1
41	1340/0401	....	Nut	....	1
42	106/07802	....	Bracket	....	1
43	1305/3210	....	Bolt	....	1
44	1411/0003	....	Washer	....	1
45	1340/0203	....	Nut	....	1

MJ 6–2 BRAKE LINKAGE—TORQUE CONVERTER MACHINES

110M **ISSUE** 4*

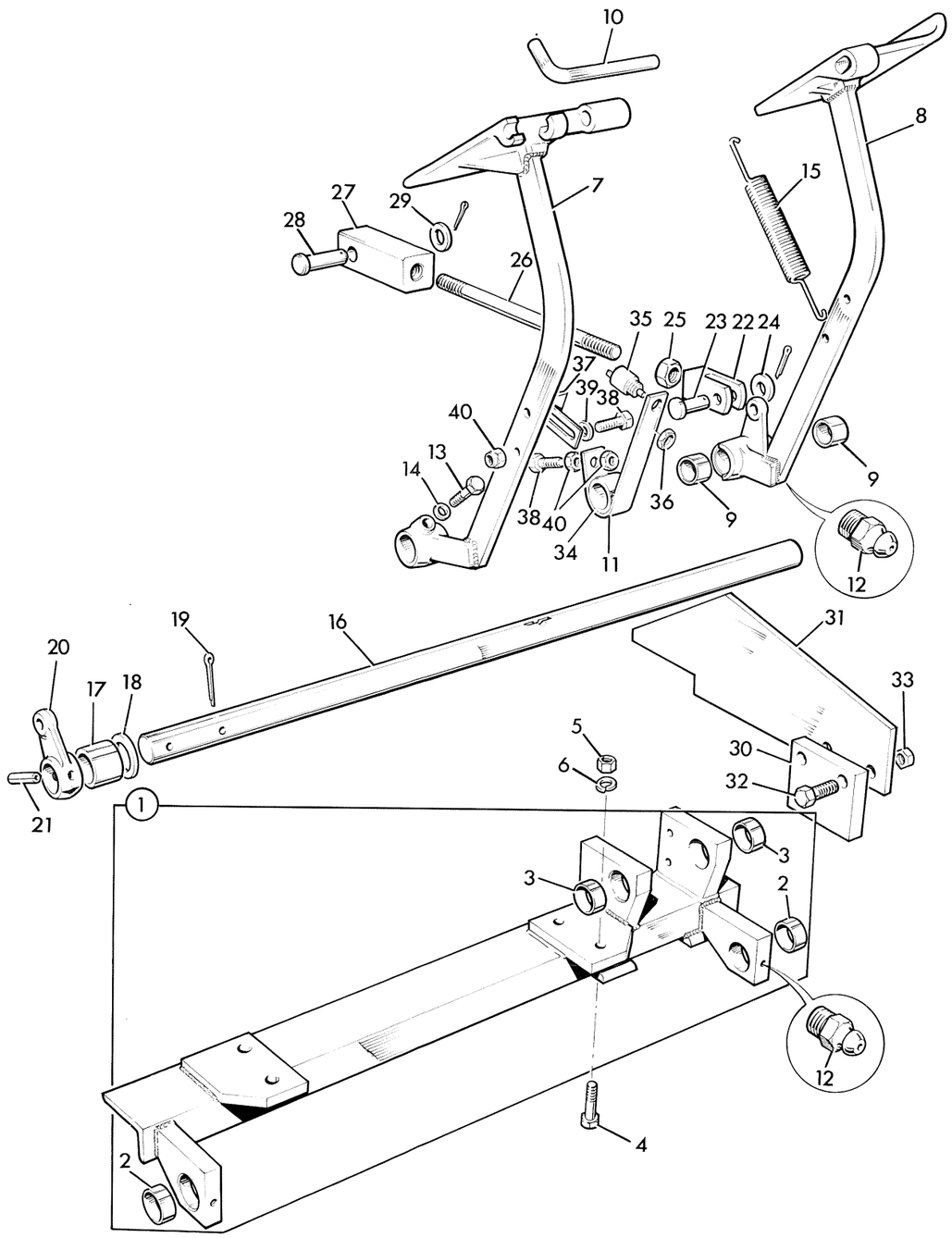


2680A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	108/56100 ATJ 4425	Superseded	Bracket	STD Handbrake	1
	106/24700	....	Bracket	Heavy Duty Handbrake	1
2	ATJ 1095	....	Bush	....	2
3	LBS 3612	....	Bush	....	2
4	1305/3216	....	Bolt	Bracket to Gearbox	4
5	FNZ 106 1340/0201	Superseded	Nut	....	4
6	LWZ 206 1416/0006	Superseded	Spring Washer	....	4
7	108/56200	....	Foot Pedal. R.H.	....	1
8	108/56300	....	Foot Pedal L.H.	....	1
9	LBS 1812 ATJ 1095	Superseded	Bush	....	2
10	107/45005	....	Locking Pin	....	1
11	ATJ 8951 ATJ 3994	To M66540	Lever	Handbrake	1
12	UHN 105 1450/0004	Supersded	*Grease Nipple	....	4
13	1305/3216	....	Bolt	....	1
14	NT 5955	....	Key	Pedal to Shaft	1
15	107/45004	....	Spring	....	2
16	ATJ 5110 988/00185	Superseded	*Pedal Shaft	....	1
17	ATJ 5181	....	Spacer	....	1
18	PWZ 118	....	Washer	....	1
19	N.S.P.	....	Split Pin	....	1
20	ATJ 5112	....	Lever R.H.	....	1
21	108/41401	....	Pin	....	1
22	NT 5545	....	Fork	....	2
23	CLZ 517	....	Clevis Pin	....	2
24	PWZ 105 1411/0002	Superseded	Washer	....	2
25	FNZ 106 1340/0201	Superseded	Nut	....	2
26	ATJ 5174	....	Compensator Rod	....	2
27	ATJ 7576	....	Link	....	2
28	ATJ 7577	....	Link Pin	....	2
29	PWZ 105 1411/0002	Superseded	Washer	....	2
30	102/85104	....	Lug	Weld to Item 1 to Assy.	1

MJ 6–2 BRAKE LINKAGE—TORQUE CONVERTER MACHINES

110M **ISSUE** 3

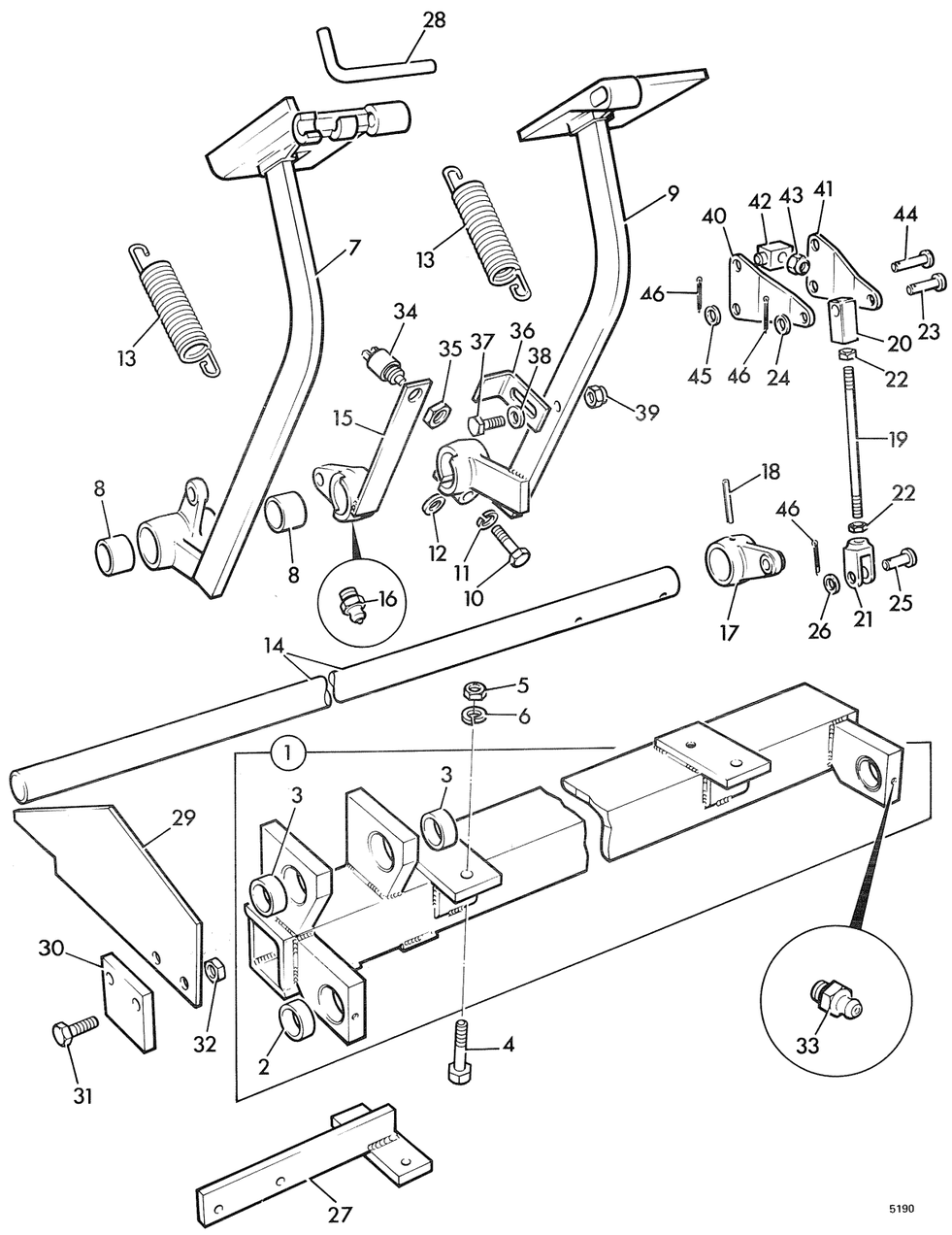


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	102/85103	....	Support Plate	....	1
32	1305/0206	....	Bolt	....	2
33	1340/0203	....	Nut	....	2
34	ATJ 5782	....	Spacer	German/Austrian Only	1
35	See 180° Catalogue		Switch	....	1
36	1340/0401	....	Nut	....	1
37	106/07802	....	Bracket	....	1
38	1305/3210	....	Bolt	....	1
39	1411/0003	....	Washer	....	1
40	1340/0203	....	Nut	....	1

2680A

MJ 6–3 BRAKE LINKAGE (MANUAL)

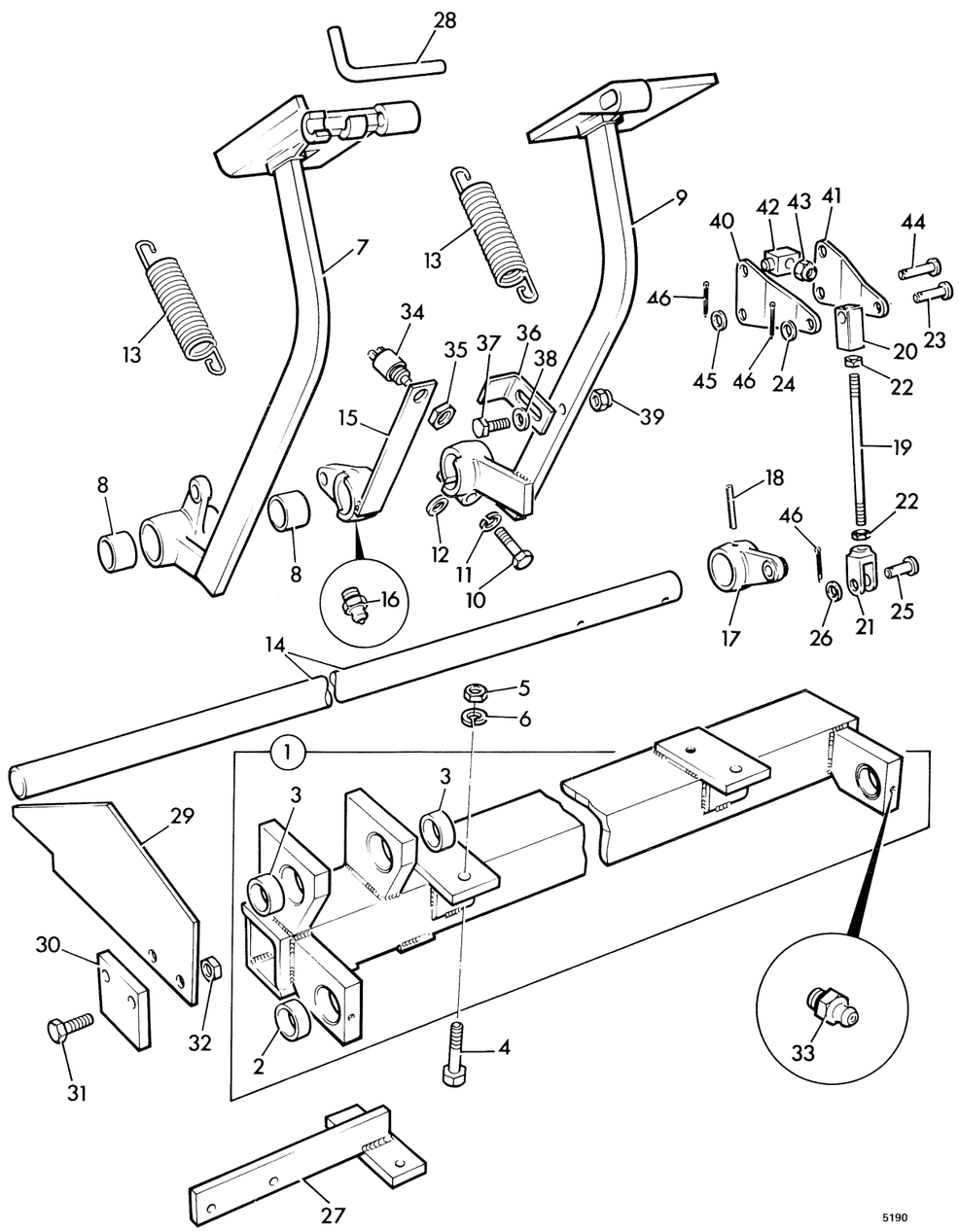
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	109/55300		Bracket	STD Handbrake	1
	106/24000		Bracket	Heavy Duty Handbrake	1
2	ATJ 1095		:Bush	....	2
3	LBS 3612		:Bush	....	4
4	1305/3214		Bolt	....	2
5	1340/0203		Nut	....	2
6	1416/0006		Washer	....	2
7	109/56200		Pedal R.H.	....	1
8	ATJ 1095		Bush	....	2
9	109/55800		Pedal L.H.	....	1
10	1305/3216		Bolt	....	1
11	1416/0006		Washer	....	1
12	NT 5955		Key	....	1
13	814/00146		Spring	....	2
14	109/54402		Shaft	....	1
15	106/07800		Lever	....	1
16	1450/0004		Grease Nipple	....	1
17	109/54401		Lever L.H.	....	1
18	2102/0919		Pin	....	1
19	826/00497		Rod	....	2
20	ATJ 7576		Link	....	2
21	NT 5545		Fork	....	2
22	1340/0201		Nut	....	2
23	2101/0209		Link Pin	....	2
24	1410/0002		Washer	....	2
25	2101/0205		Clevis Pin	....	2
26	1410/0002		Washer	....	2
27	107/30600		Bracket	....	1
28	107/45005		Locking Pin	....	1
29	102/85103		Plate	....	1
30	102/85104		Lug	....	1
31	1305/0206		Bolt	....	2
32	1340/0203		Nut	....	2
33	1450/0004		Grease Nipple	....	2
34	See Index C	....	Switch	....	1
35	1340/0401		Nut	....	1

MJ 6–3 BRAKE LINKAGE (MANUAL)

110M **ISSUE** 1

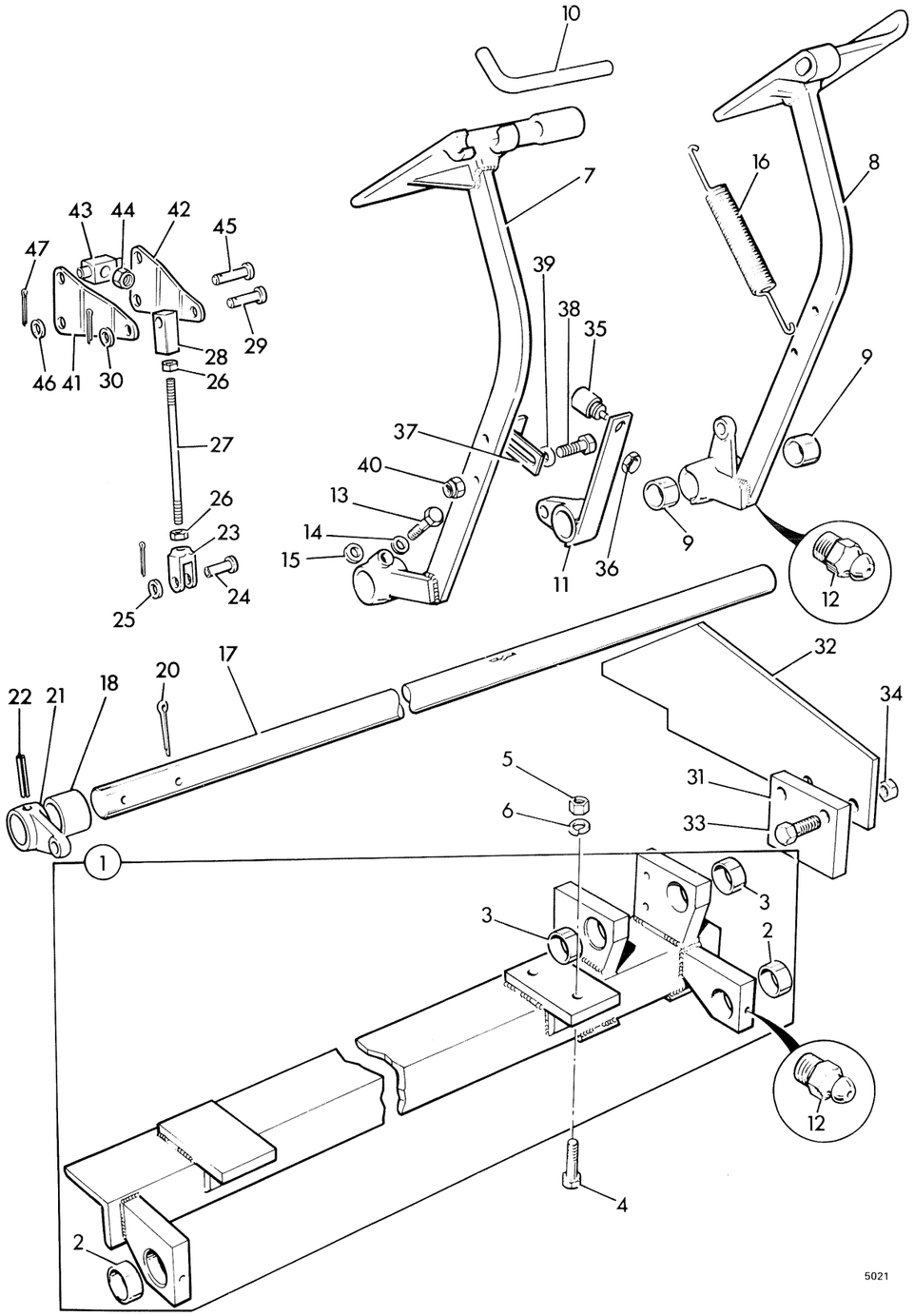


5190

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
36	106/07802	....	Bracket	....	1
37	1305/3210	....	Bolt	....	1
38	1411/0003	....	Washer	....	1
39	1340/0203	....	Nut	....	1
40	109/54403	....	Lever	....	2
41	109/54403	....	Lever	....	2
42	ATJ 7573	....	Trunnion Block	....	2
43	1340/0403	....	Nut	....	2
44	109/54410	....	Pivot Pin	....	2
45	1410/0005	....	Washer	....	2
46	2103/0506	....	Split Pin	....	10

MJ 6–4 BRAKE PEDAL—T/C TRANSMISSION

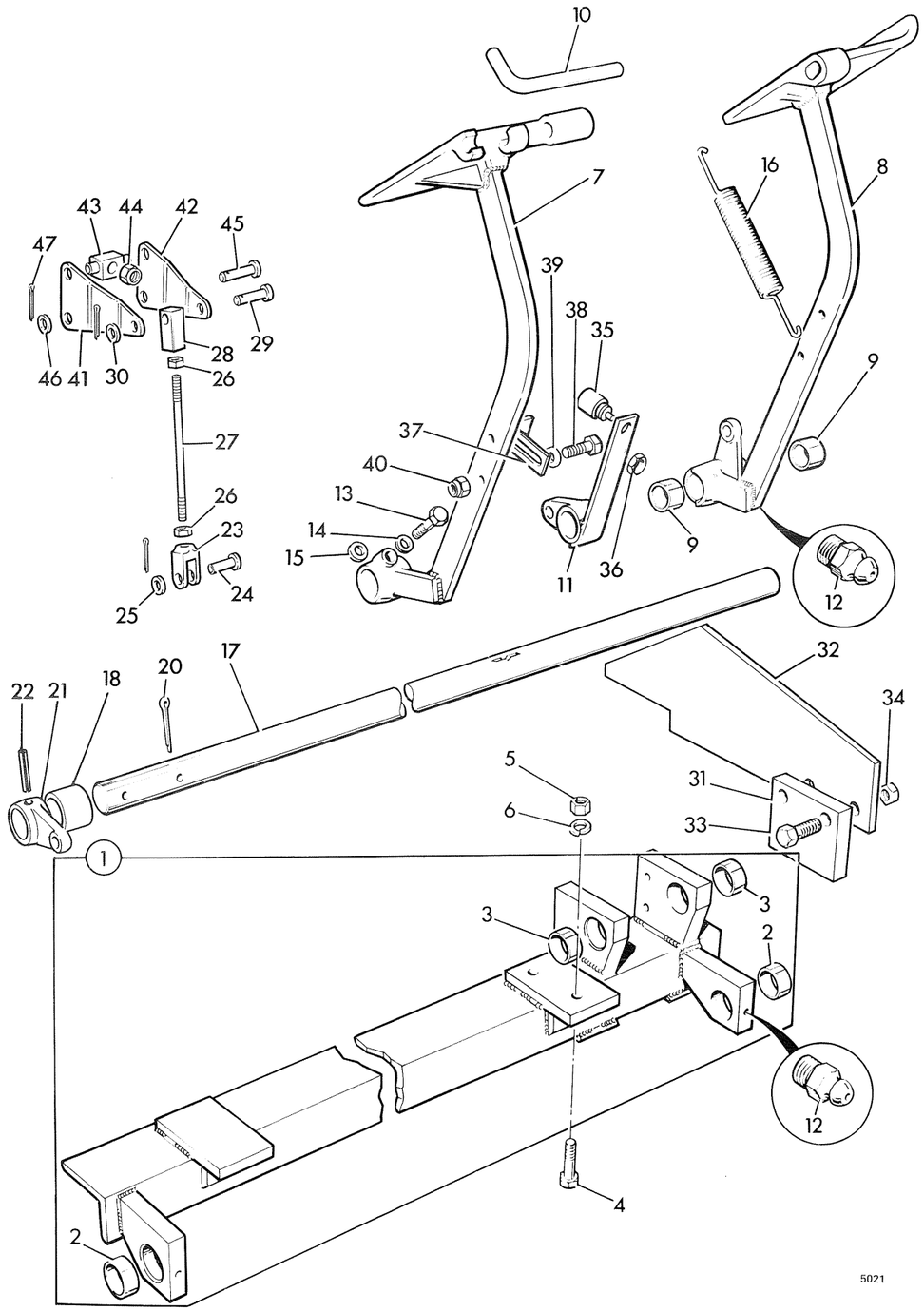
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	109/55400	....	Support Bracket	....	1
	529/56300	....	Support Bracket	Heavy Duty Handbrake	1
2	ATJ 1095	....	:Bush	....	2
3	LBS 3612	....	:Bush	....	2
4	1305/3214	....	Bolt	Bracket to Gearbox	4
5	1305/0203	....	Nut	....	4
6	1416/0006	....	Spring Washer	....	4
7	109/55700	....	Foot Pedal R.H.	STD	1
	108/85400	....	Foot Pedal R.H.	Swedish	1
8	109/56100	....	Foot Pedal L.H.	STD	1
	108/85500	....	Foot Pedal L.H.	Swedish	1
9	ATJ 1095	....	Bush	....	2
10	107/45005	....	Locking Pin	....	1
11	106/07800	....	Lever	Handbrake	1
12	1450/0004	....	Grease Nipple	....	4
13	1305/3216	....	Bolt	....	1
14	1416/0006	....	Washer	....	1
15	NT 5955	....	Key	Pedal to Shaft	1
16	814/00146	....	Spring	....	2
17	109/54402	....	Pedal Shaft	....	1
18	109/54404	....	Spacer	....	1
19	Not Applicable				
20	2103/1113	....	Split Pin	....	1
21	109/54401	....	Lever R.H.	....	1
22	2102/0919	....	Pin	....	1
23	NT 5545	....	Fork	....	2
24	2101/0205	....	Clevis Pin	....	2
25	1410/0002	....	Washer	....	2
26	1340/0201	....	Nut	....	2
27	826/00497	....	Compensator Rod	....	2
28	109/54407	....	Link	....	2
29	2101/0209	....	Link Pin	....	2
30	1410/0005	....	Washer	....	2
31	102/85104	....	Lug	Weld to item 1 on Assembly	1

MJ 6–4 BRAKE PEDAL—T/C TRANSMISSION

110M **ISSUE** 1



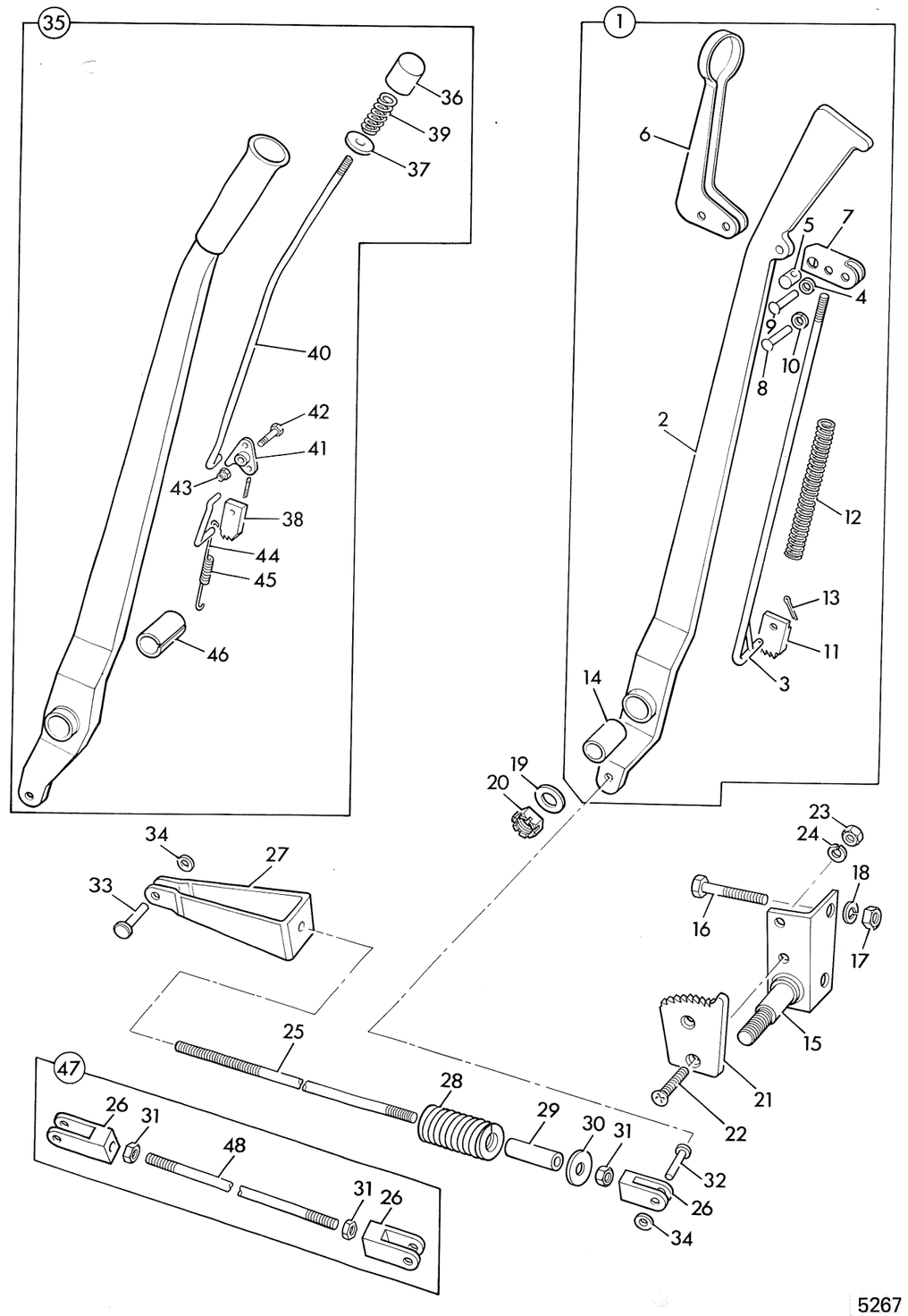
5021

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
32	102/85103	....	Support Plate	....	1
33	1305/0206	....	Bolt	....	2
34	1340/0203	....	Nut	....	2
35	See Index C	....	Switch	....	1
36	1340/0401	....	Nut	....	1
37	106/07802	....	Bracket	....	1
38	1305/3210	....	Bolt	....	1
39	1411/0003	....	Washer	....	1
40	1340/0203	....	Nut	....	1
41	109/54403	....	Lever	....	2
42	109/54403	....	Lever	....	2
43	109/54406	....	Trunnion Block	....	2
44	1340/0403	....	Nut	....	2
45	109/54410	....	Pivot Pin	....	2
46	1410/0005	....	Washer	....	2
47	2103/0506	....	Split Pin	....	10

MJ

Pages MJ7 to MJ14-1

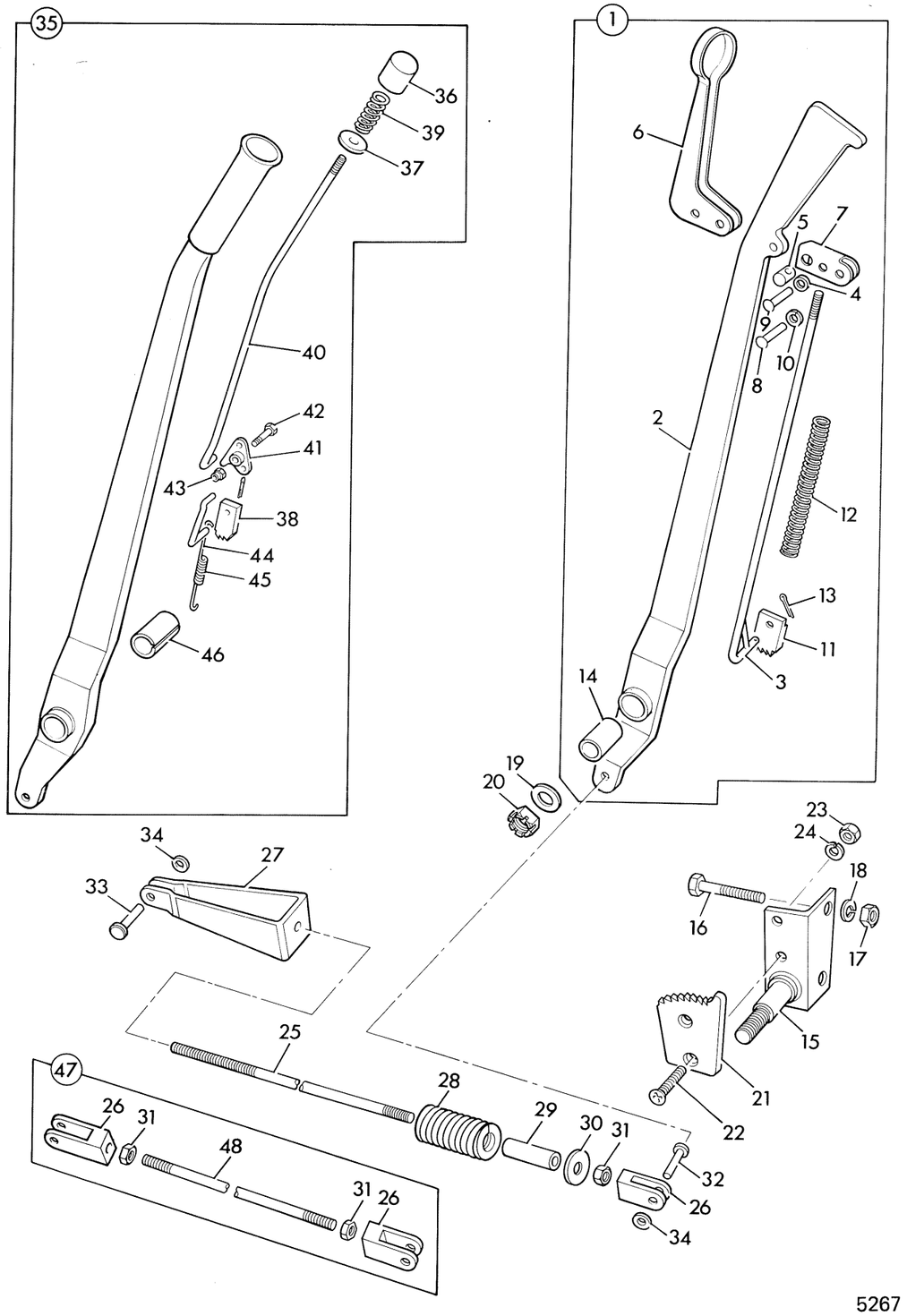
MJ 7 HANDBRAKE 3 CYLINDER



5267

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 6644 See item 35	Superseded	Handbrake Assembly	....	1
2	AAK 3000	....	:Lever	....	1
3	AAK 5328	....	:Pawl Rod	....	1
4	AAK 3002	....	:Washer	....	2
5	AAK 3003	....	:Nipple	....	1
6	AAK 3004	....	:Trigger	....	1
7	AAK 3005	....	:Link	....	1
8	RRS 0412	....	:Rivet	....	1
9	RRS 0316 RRS 316	Superseded	:Rivet	....	1
10	AAK 3008	....	:Fibre Washer	... .	2
11	AAK 5329	....	:Pawl	....	1
12	AMK 3214	....	:Spring	....	1
13	CPS 0204 CPS 204	Superseded	:Split Pin	....	1
14	AMK 3213	....	:Bush	....	1
15	NT 7472	....	Bracket	....	1
16	NT 5548	....	Bolt	....	2
17	ATJ 1081	....	Nut	....	2
18	LWN 209 1416/0009	Superseded	Washer	....	4
19	PWN 110	....	Washer	....	1
20	FNN 410 1340/0605	Superseded	Nut	....	1
21	NT 7083	....	Ratchet	....	1
22	CMN 0616 CMN 616	Superseded	Screw	....	2
23	FNN 106 1340/0201	Superseded	Nut	....	2
24	LWN 206 1416/0006	Superseded	Washer	....	2
25	ATJ 7586	....	Rod	....	1
26	NT 5545	....	Clevis	....	1
27	ATJ 7582	....	Link	....	1
28	ATJ 7583	....	Spring	....	1
29	ATJ 7584	....	Bush	....	1
30	ATJ 7585	....	Washer	....	1
31	FNN 206 1340/0201	Superseded	Nut	....	5

MJ 7 HANDBRAKE 3 CYLINDER

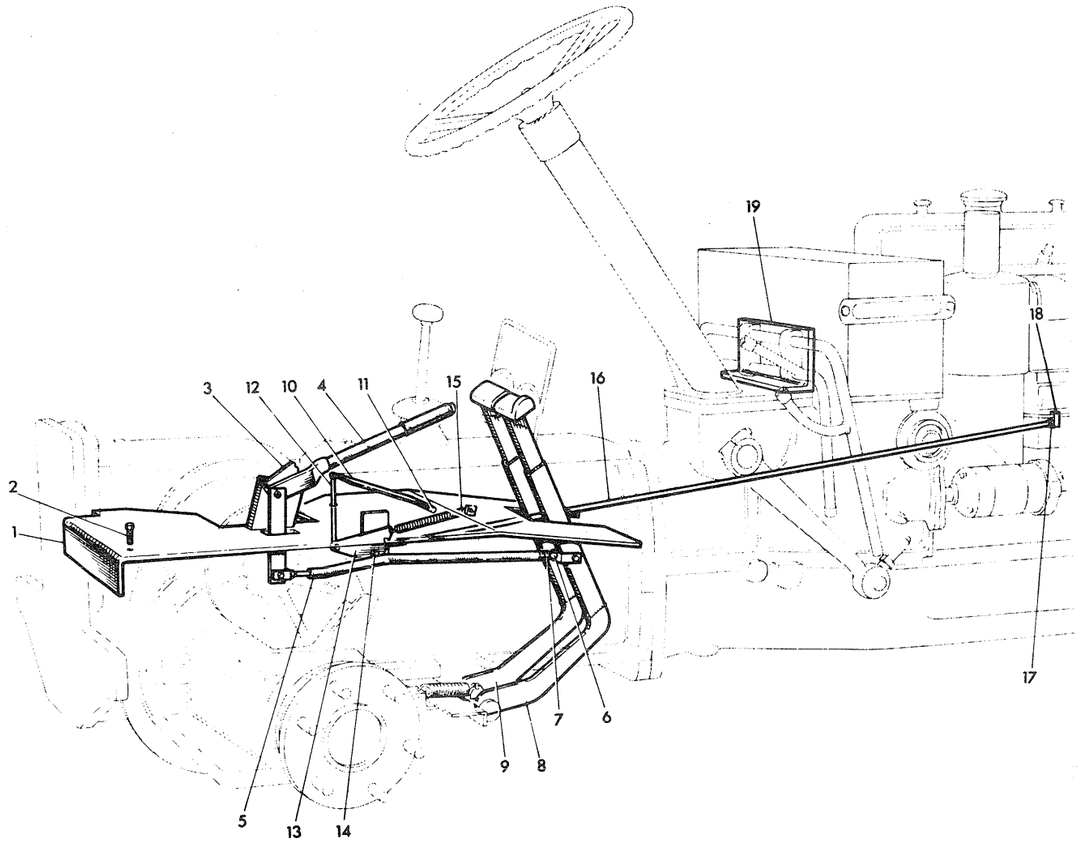


5267

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
32	NT 3033 CLZ 517	Superseded	Clevis Pin	....	1
33	ATJ 7587	....	Clevis Pin	....	1
34	PWN 105 1411/0002	Superseded	Washer	....	2
35	ATJ 5079	....	Handbrake Assembly	....	1
36	27H 7626	....	:Button	....	1
37	27H 7627	....	:Washer	....	1
38	N.S.P.	....	:Pawl	Was AAK3009	1
39	27H 7628 25/700007	Superseded	:Spring	....	1
40	27H 7629	....	:Pawl Rod	....	1
41	27H 7630	....	:Relay	....	1
42	27H 7640	....	:Bolt	....	1
43	27H 7641	....	:Nut	....	1
44	27H 7642	....	:Rod	....	1
45	27H 7643	....	:Spring	....	1
46	AMK 3213	....	:Bush	....	1
47	NT 7474	....	Rod	5 Speed Gearbox Only Comprises items 26,31 and 48	1
48	NT 7473	....	Rod	....	1

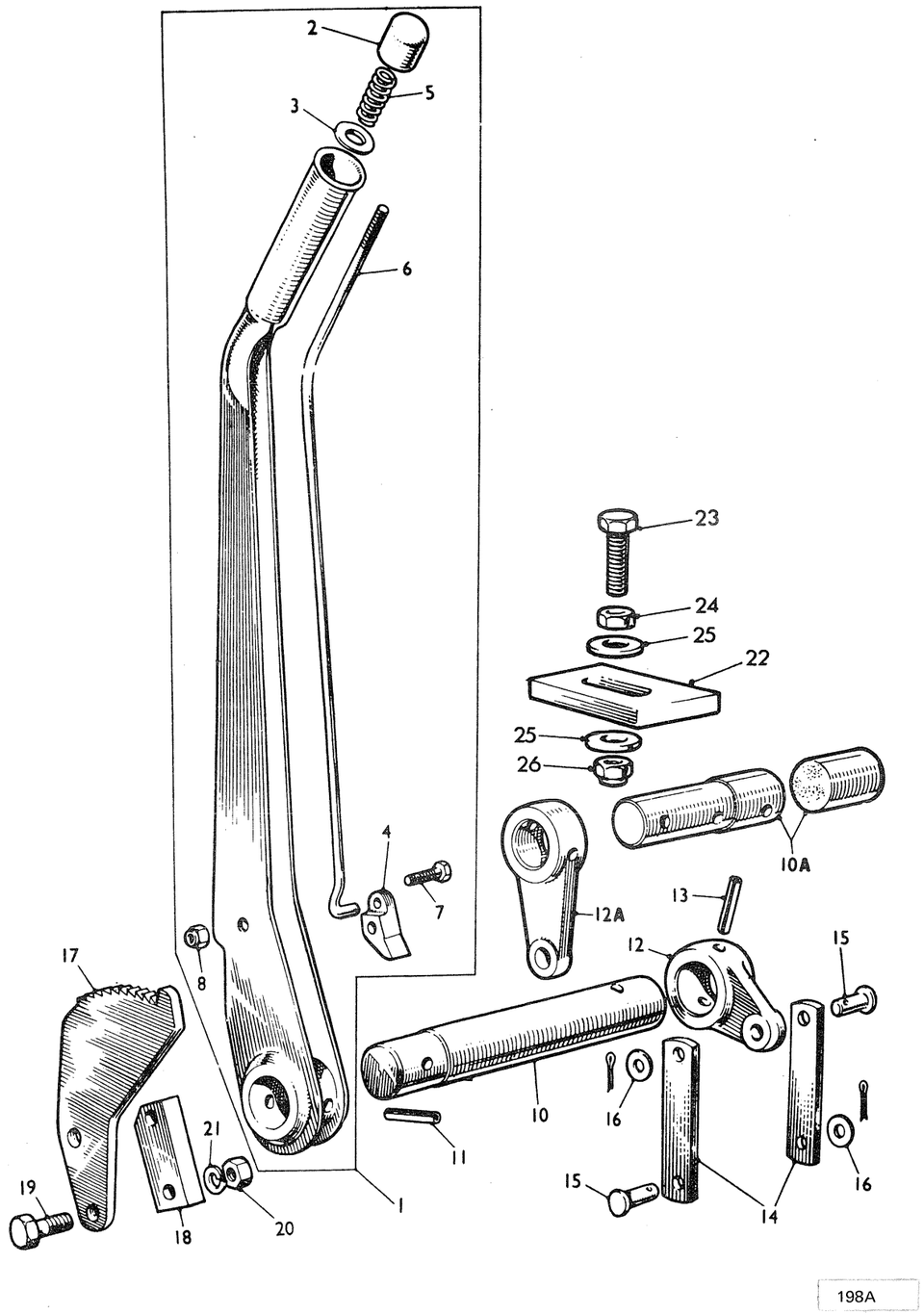
MJ 10 HANDBRAKE 4 CYLINDER

110M **ISSUE** 3



239A

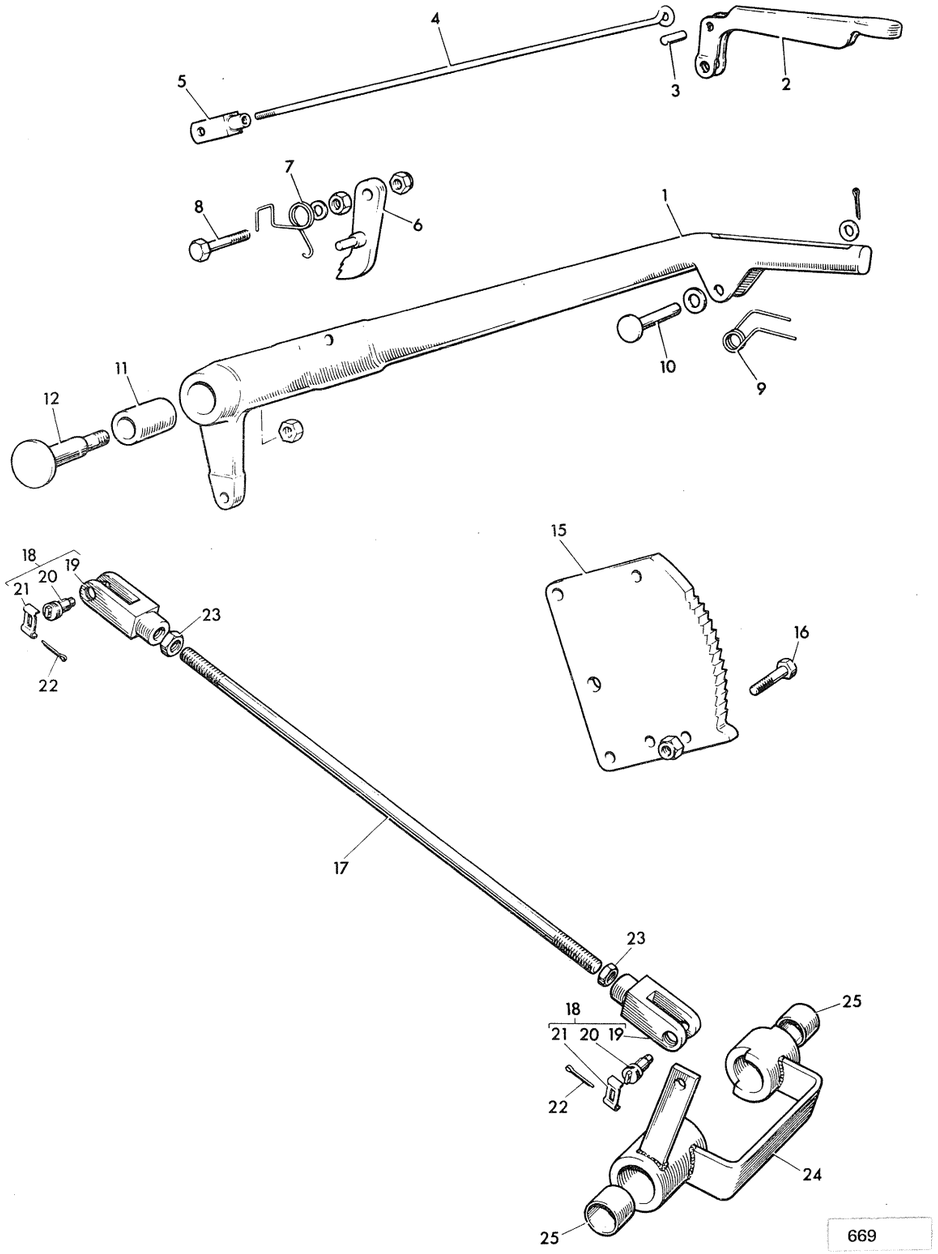
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	AL17/71	....	Footplate - 3C	....	1
	104/85100	....	Footplate - 4C	....	1
2	1305/0204	....	Bolt - 3C	....	1
	1305/3208	....	Bolt - 4C	....	1
	G14/3 1412/0003	Superseded	Washer	....	1
3	BR9/7	....	Ratchet	....	1
4	104/86100	....	Handbrake	....	1
5	104/86000	....	Rod	....	1
6	104/85900	....	Link	....	1
7	1340/0202	....	Locknut	....	2
8	104/85500	....	Pedal	Outer	1
9	104/85600	....	Pedal	Inner	1
10	104/85300	....	Throttle Pedal	....	1
11	1305/3038	....	Bolt	....	1
	1340/0003	....	Nut	....	1
12	106/40901	....	Push Rod	... .	1
13	106/40902	....	Bellcrank	....	1
14	106/40904	....	Pivot Bolt	....	1
15	L5/623 104/85209	Superseded	Spring	....	1
16	104/85206	....	Pull Rod	....	1
	G14/13 1411/0001	Superseded	Washer	....	2
	G3/8 2103/0706	Superseded	Split Pin	....	2
17	1340/0003	....	Locknut	....	2
18	104/85207	....	Lug	Welded to BMC Throttle Rod	1
19	AL17/38	....	Pipe Bracket - 3C Only	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 5100	....	Handbrake	....	1
2	27H 7626	....	:Button	....	1
3	27H 7627	....	:Washer	....	1
4	27H 9409	....	:Pawl	....	1
5	27H 9410	....	:Spring	....	1
6	27H 9411	....	:Pawl Rod	....	1
7	27H 7640	....	:Bolt	....	1
8	27H 7641	....	:Nut	....	1
9	N.S.P.	....	:Bush	Not illustrated	1
10	ATJ 5101	....	Shaft	....	1
	ATJ 5101 108/55804 ATJ 3964	To M63022 Superseded	Shaft	Torque Converter m/c's	1
10A	ATJ 5778 See Index	To M53737	Shaft	When Wheel Brakes are fitted	1
11	RPS 1624 ATJ 5492	Superseded	Pin	....	1
12	ATJ 5102	....	Lever	....	1
12A	ATJ 5783 See Index	To M53737	Lever	When Wheel Brakes are fitted	1
13	RPS 1624 ATJ 5492	Superseded	Pin	....	1
14	ATJ 5/22 See item 27	To C191418	Link	....	2
15	CLZ 517	....	Pin	....	2
16	PWZ 105 1411/0002	Superseded	Washer	....	2
17	ATJ 5103	....	Ratchet	....	1
18	ATJ 5104	....	Distance Piece	....	1
19	HBZ 0616 1305/3214	Superseded	Bolt	....	2
20	FNZ 106 1340/0201	Superseded	Nut	....	2
21	LWZ 206 1416/0006	Superseded	Washer	....	2
22	107/49203	....	Adjuster	....	1
23	1305/3210	....	Bolt	....	1
24	1340/0202	....	Nut	....	1
25	1411/0003	....	Washer	... .	2
26	1340/0203	....	Nut	....	1
27	CTJ 5187	C191419 on	Adjuster	....	1

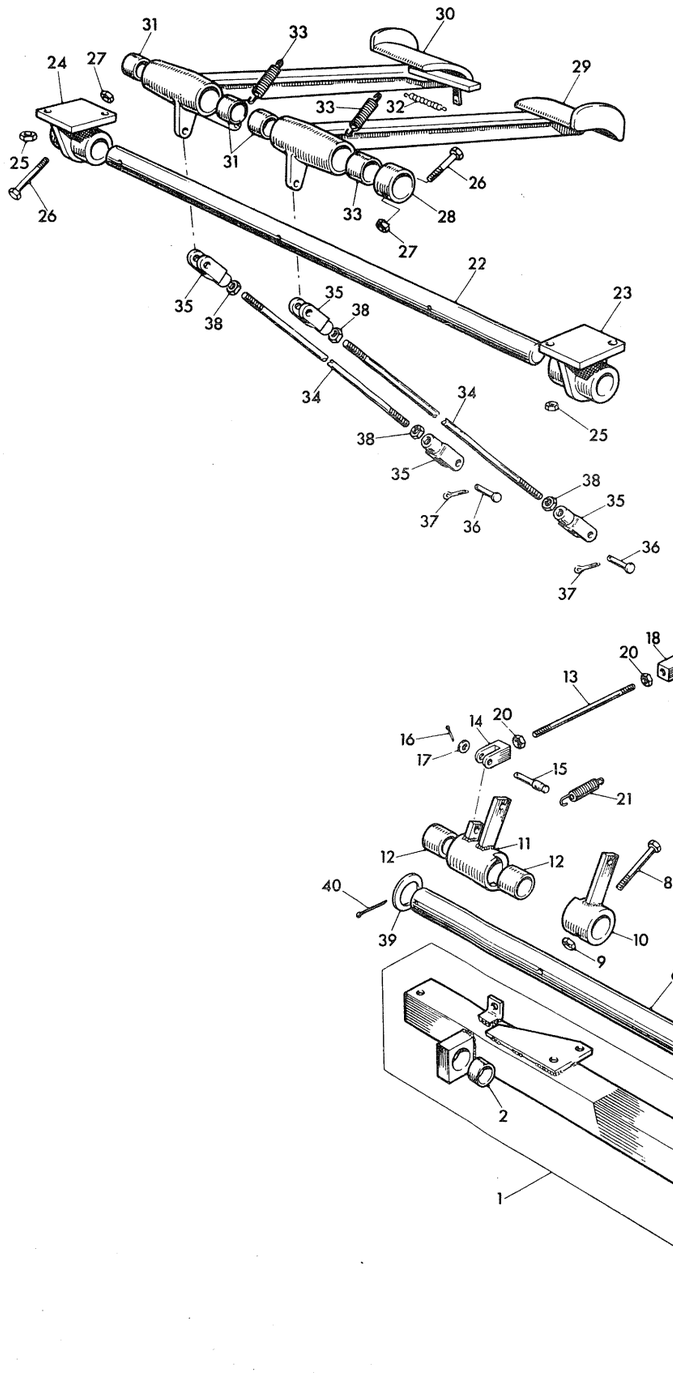
MJ 11 HANDBRAKE 3D

110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
	103/39000	....	HANDBRAKE LEVER ASSY.	....	1
1	BR9/28	....	:Lever	Includes item 11	1
2	BR9/29	....	:Trigger	....	1
3	BR9/30	....	:Rivet	....	1
4	BR9/31	....	:Pawl Rod	....	1
5	BR9/32	....	:Clevis	....	1
6	BR9/33	....	:Pawl and Pin	....	1
7	BR9/34	....	:Return Spring	....	1
8	1325/6110	....	:Bolt	....	1
	BR9/38	....	:Locknut	....	1
	BR9/39	....	:Nut	....	1
9	BR9/35	....	:Spring	....	1
10	BR9/36	....	:Pivot Pin	....	1
	G14/51 1410/0001	Superseded	:Washer	....	2
	BR9/40	....	:Split Pin	....	1
11	BR9/37	....	:Bronze Bush	....	1
12	200/35802	....	Pivot Pin	....	2
	1340/0403	....	Locknut	....	1
15	BR9/9	....	Quadrant Plate	....	1
16	1305/3208	....	Bolt	....	2
	1340/0203	....	Nut	....	2
17	103/37008	....	Rod	....	1
18	200/31500	....	Clevis and Pin	....	2
19	200/31501	....	Clevis	....	2
20	200/31502	....	Clevis Pin	....	2
21	200/31503	....	Lock Washer	....	2
22	G3/10 2103/0507	Superseded	Split Pin	....	2
23	1340/0402	....	Locknut	....	2
24	103/37400	....	Bellcrank	....	1
25	103/37005	....	Oilite Bush	....	2

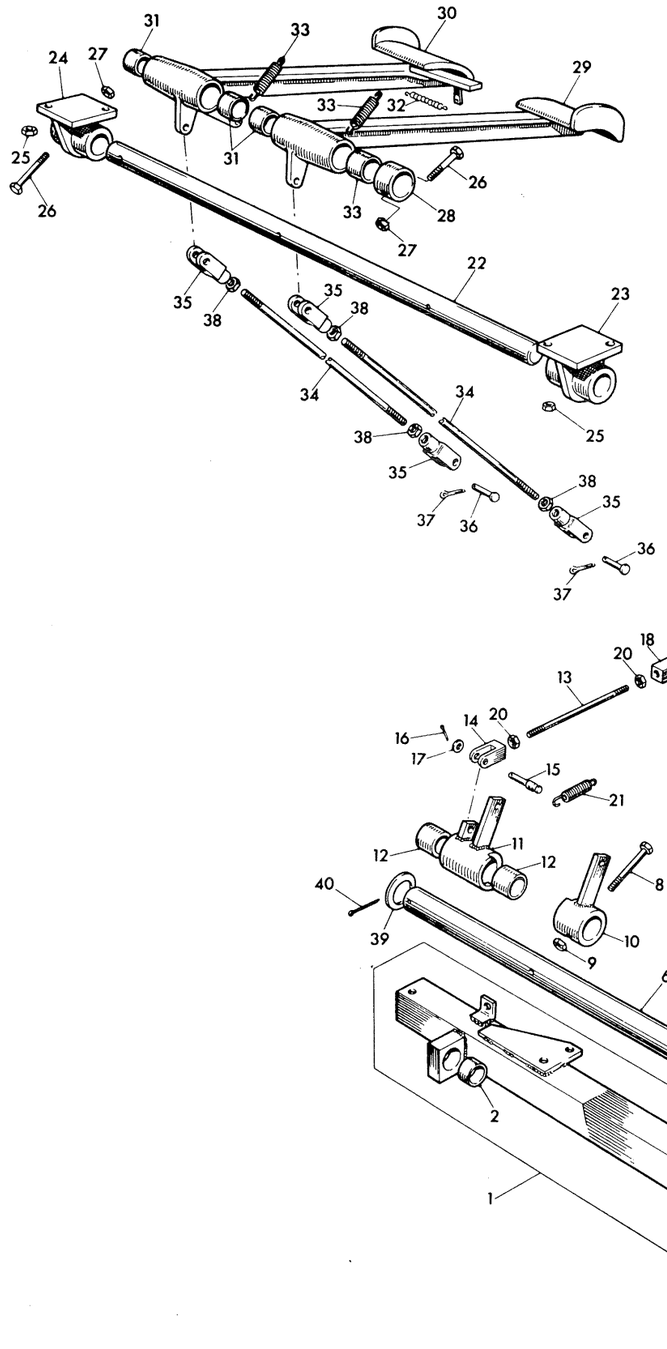
MJ 12 BRAKE LINKAGE



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 9460	....	Support Bracket	....	1
2	LBS 1812 ATJ 1095	Superseded	:Bush	....	2
3	N.S.P.	....	Screw	Was CMN 0736	2
4	FNN 107 1340/0301	Superseded	Nut	....	2
5	LWN 207 1416/0007	Superseded	Spring Washer	....	2
6	103/37004	....	Lower Cross Shaft	....	1
7	103/37700	....	Lever-Brake Pedal Shaft	Left Hand	1
8	1305/3218	....	Bolt	Lever to Shaft	2
9	1340/0203	....	Nut	....	2
10	103/37600	....	Lever-Footbrake L.H.	....	1
11	103/37500	....	Lever-Footbrake R.H.	Right Hand Includes item 12	1
12	103/37005	....	:Bush	....	2
13	ATJ 7575	....	Rod	....	2
14	NT 5545	....	Clevis	....	2
15	ATJ 7657	....	Clevis Pin	....	2
16	G3/14 2103/0306	Superseded	Split Pin	....	4
17	PWN 105 1411/0002	Superseded	Plain Washer	....	4
18	ATJ 7576	....	Link	....	2
19	ATJ 7577	....	Clevis Pin	....	2
20	FNN 106 1340/0201	Superseded	Locknut	....	4
21	ATJ 7658	....	Return Spring	....	2
22	103/37003	....	Pedal Cross Shaft	....	1
23	103/37900	....	Mounting Bracket L.H.	....	1
24	103/37800	....	Mounting Bracket R.H.	....	1
25	1340/0203	....	Nut	Bracket to Frame	4
26	1305/3218	....	Bolt	....	2
27	1340/0203	....	Nut	....	2
28	103/37701	....	Spacer Collar	....	1
29	103/37201	....	Brake Pedal L.H.	....	1
30	103/37200	....	Brake Pedal R.H.	....	1
31	103/37005	....	:Bush	....	4
32	103/37202	....	Tension Spring	Brake Interlink	1

MJ 12 BRAKE LINKAGE

110M **ISSUE 1**

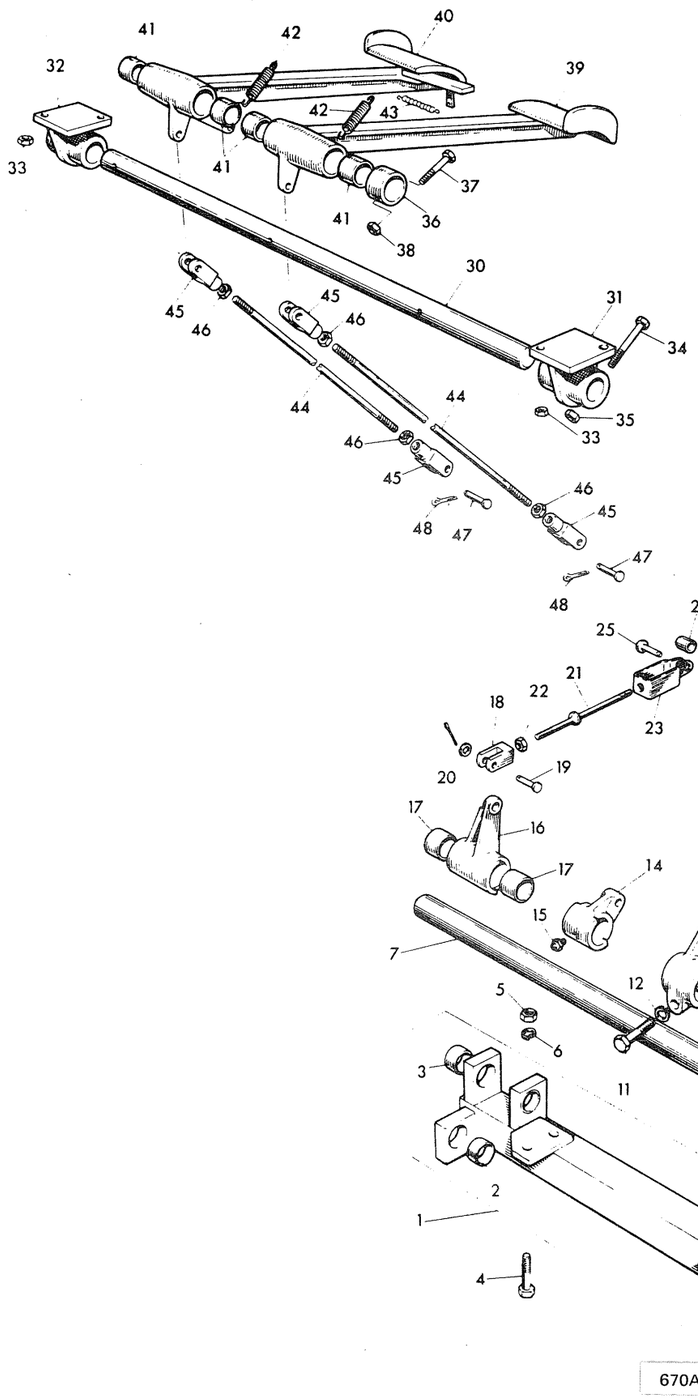


670

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
33	103/37009	....	Return Spring	....	2
34	103/37006	....	Rod	....	2
35	103/39300	....	Clevis and Pin	....	4
36	L5/806	....	Clevis Pin	....	4
37	G3/10 2103/0507	Superseded	Split Pin	....	4
38	1340/0202	....	Locknut	....	4
39	G14/56 1410/0011	Superseded	Washer	....	1
40	G3/3 2103/1113	Superseded	Split Pin	....	1
	G14/60 1410/0011	Superseded	Washer	....	As Reqd.

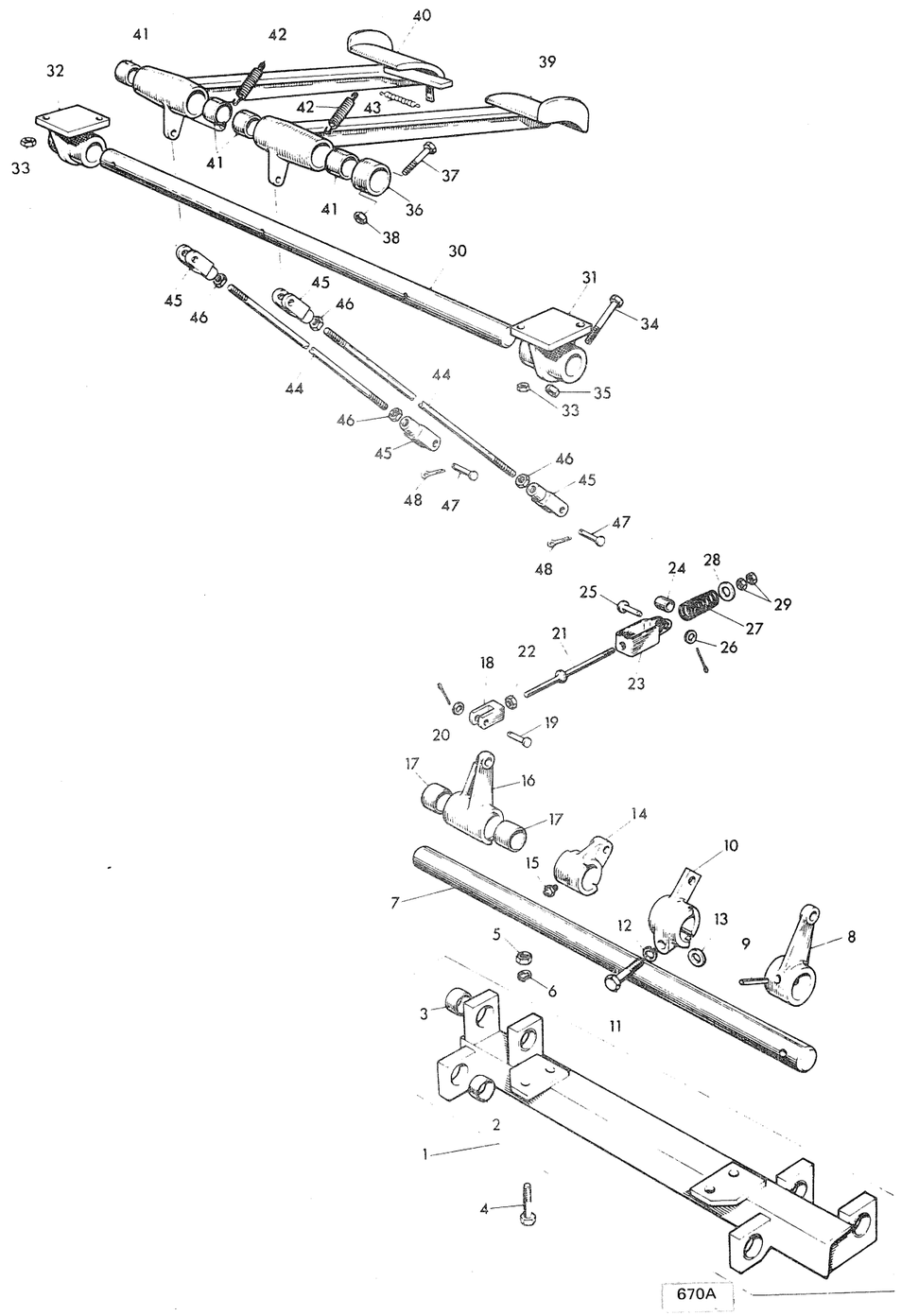
MJ 12–1 BRAKE LINKAGE—3D

110M **ISSUE** 4*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 5105 ATJ 5185 ATJ 5184	Superseded Superseded	Bracket	....	1
2	LBS 1812 ATJ 1095	Superseded	:Bush	....	2
3	LBS 3612	....	:Bush	....	4
4	HBZ 0618 1305/3216	Superseded	Bolt	....	4
5	FNZ 106 1340/0201	Superseded	Nut	....	4
6	LWZ 206 1416/0006	Superseded	Washer	....	4
7	ATJ 5110 988/00185	Superseded	*Shaft	....	1
8	ATJ 5112	....	Lever	....	1
9	ATJ 2085 108/41401	Superseded	Pin	....	1
10	103/76200	....	Pivot-L.H.	....	1
11	HBZ 0618 1305/3216	Superseded	Bolt	....	1
12	LWZ 206 1416/0006	Superseded	Washer	....	1
13	NT 5955	....	Key	....	1
14	ATJ 5111 ATJ 8951	Superseded	Lever	....	1
15	UHN 105 1450/0004	Superseded	*Grease Nipple	....	1
16	103/76300	....	Pivot-R.H.	....	1
17	LBS 1812 ATJ 1095	Superseded	Bush	....	2
18	NT 5545	....	Fork	....	2
19	NT 3033 CLZ 517	Superseded	Clevis Pin	....	2
20	PWZ 105 1411/0002	Superseded	Washer	....	2
21	ATJ 5116 ATJ 5174	To T112798	Rod	ATJ 5116 N/A Use ATJ 5174 with ATJ 7576 & ATJ 7577	2
22	FNZ 106 1340/0201	Superseded	Locknut	....	2
23	ATJ 5118 ATJ 7576	To T112798	Link	ATJ 5118 N/A Use ATJ 7576 with ATJ 5174 & ATJ 7577	2
24	ATJ 5120	....	Distance Piece	....	2

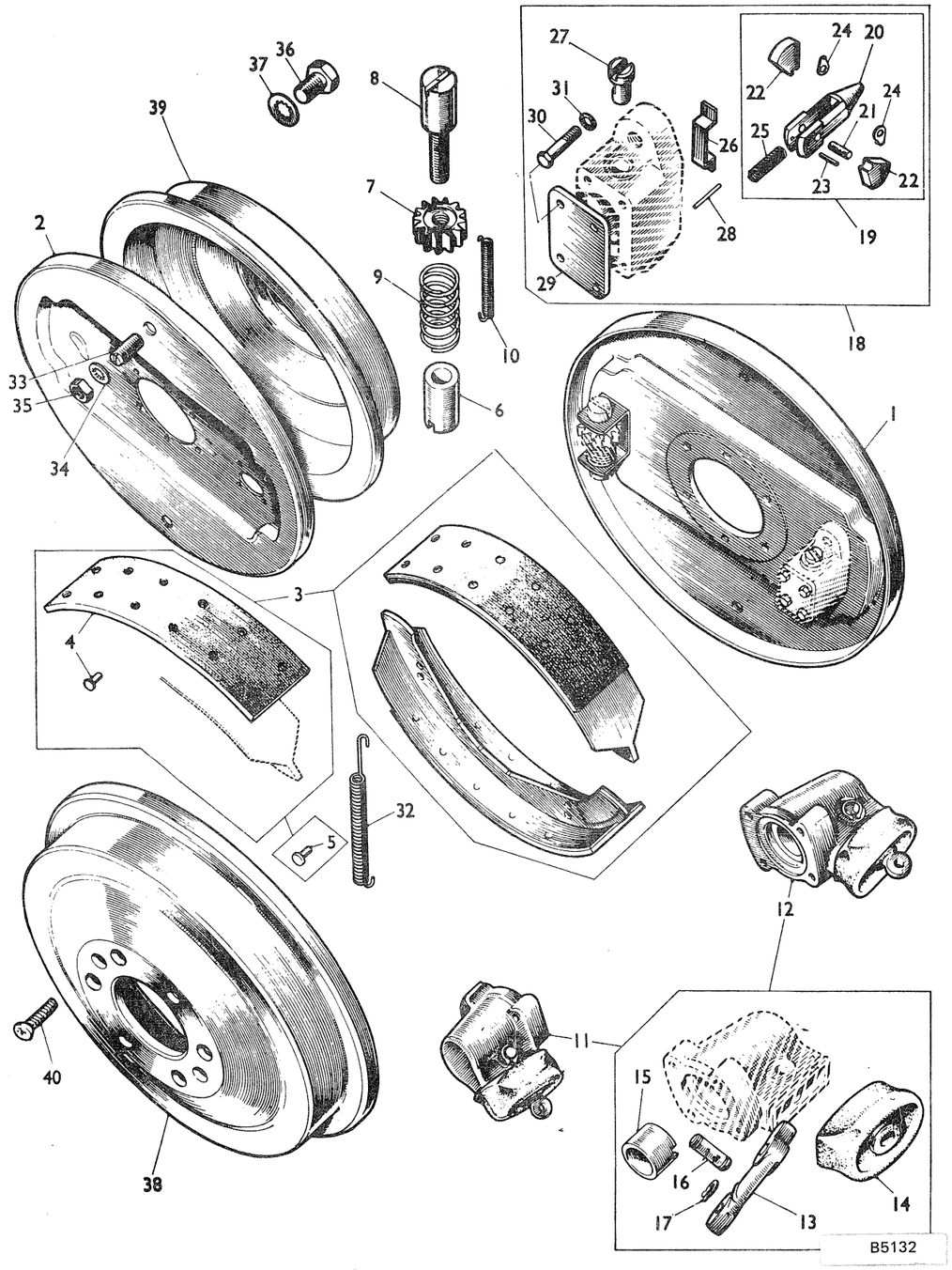
MJ 12–1 BRAKE LINKAGE—3D



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
25	ATJ 5124	....	Pin-Link	....	2
26	PWZ 105 1411/0002	Superseded	Washer	....	2
27	ATJ 5119	To T112798	Spring	....	2
28	PWZ 206	To T112798	Washer	....	2
29	FNZ 206 1340/0201	Superseded To T112798	Locknut	....	4
30	103/75007	....	Cross-shaft	....	1
31	103/37800	....	Bracket-L.H.	....	1
32	103/76600	....	Bracket-R.H.	....	1
33	1340/0203	....	Nut	....	4
34	1305/3218	....	Bolt	....	1
35	1340/0203	....	Nut	....	1
36	103/37701	....	Collar	....	1
37	1305/3218	....	Bolt	....	1
38	1340/0203	....	Nut	....	1
39	103/75001	....	Pedal-L.H.	....	1
40	103/75100	....	Pedal-R.H.	....	1
41	103/37005	....	:Bush	....	4
42	103/37009	....	Spring	....	2
43	103/37202	....	Spring	....	1
44	103/75003	....	Rod	....	2
45	103/39300	....	Clevis and Pin	....	4
46	1340/0202	....	Locknut	....	4
47	L5/806	....	Clevis Pin	....	4
48	G3/10 2103/0507	Superseded	Split Pin	....	4

MJ 13 WHEEL BRAKES UP TO TRACTOR NO: 98999

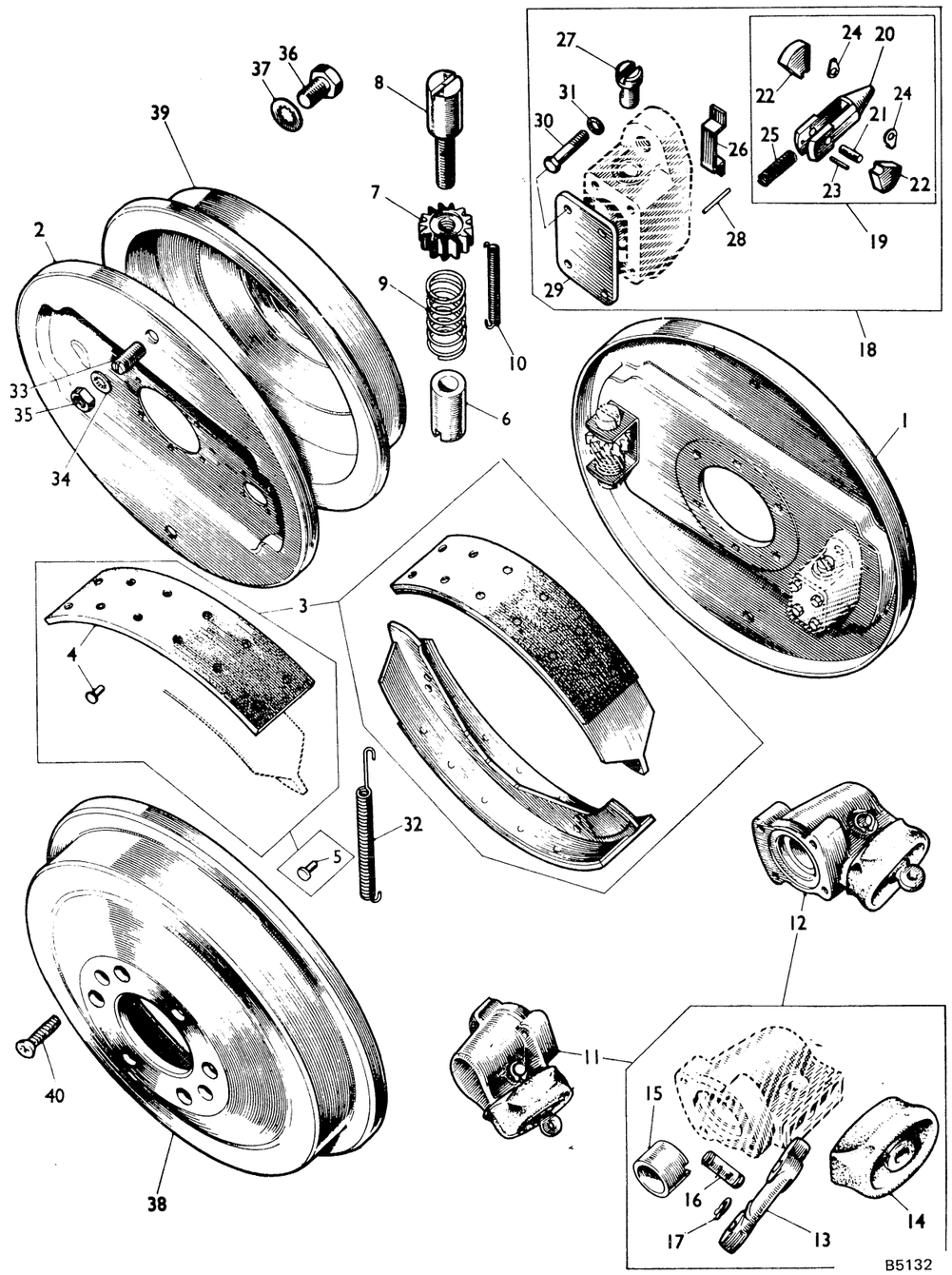
110M **ISSUE** 4



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	17H 7745	....	Backplate R.H.	....	1
2	17H 7746	....	Backplate L.H.	....	1
3	8G 8631 988/00039	Superseded	Brake Shoe	....	2sets
4	N.S.P.	....	:Lining and Rivet	Was 8G 8632	1set
5	N.S.P.	....	:Rivet	Was 7H7399	56
6	17H 7888	....	Adjuster Body	....	2
7	17H 7749	....	Adjusting Wheel	....	2
8	17H 7750	....	Adjusting Screw	....	2
9	17H 7751	....	Spring	....	2
10	17H 7761	....	Spring	....	2
11	17H 7757	....	Expander R/H Assembly	....	1
12	17H 7758	....	Expander L/H Assembly	....	1
13	17H 7759	....	:Lever	....	2
14	7H 7572	....	:Rubber Boot	....	2
15	17H 7760	....	:Piston	....	2
16	7H 7570	....	:Pin	....	2
	18G 8006	....	:Wrist Pin	....	2sets
	27H 4642	....	:Pin	....	2
	27H 3977	....	:Seal	....	4
	17H 2201	....	:Retainer	....	4
17	7H 7385	....	:Circlip	....	4
18	8G 8572	....	Bisector and Fork Assy	....	2
19	17H 7752	....	:Fork Assembly	....	2
20	7H 7603	....	::Fork	....	2
21	7H 7605	....	::Pivot Pin	....	2
22	7H 7604	....	::Segment	....	4
23	7H 7607	....	::Pin	....	2
24	N.S.P.	....	::Segment Retainer	Was 7H 7606	4
25	7H 7315	....	::Spring	....	2
26	N.S.P.	....	:Spring Retainer	....	2
27	N.S.P.	....	:Tappet	....	4
28	N.S.P.	....	:Mills Pin	....	4
29	N.S.P.	....	:Cover	....	2
30	HBN 0520 1305/3118	Superseded	:Bolt	....	8
31	LWN 405	....	:Washer	....	8

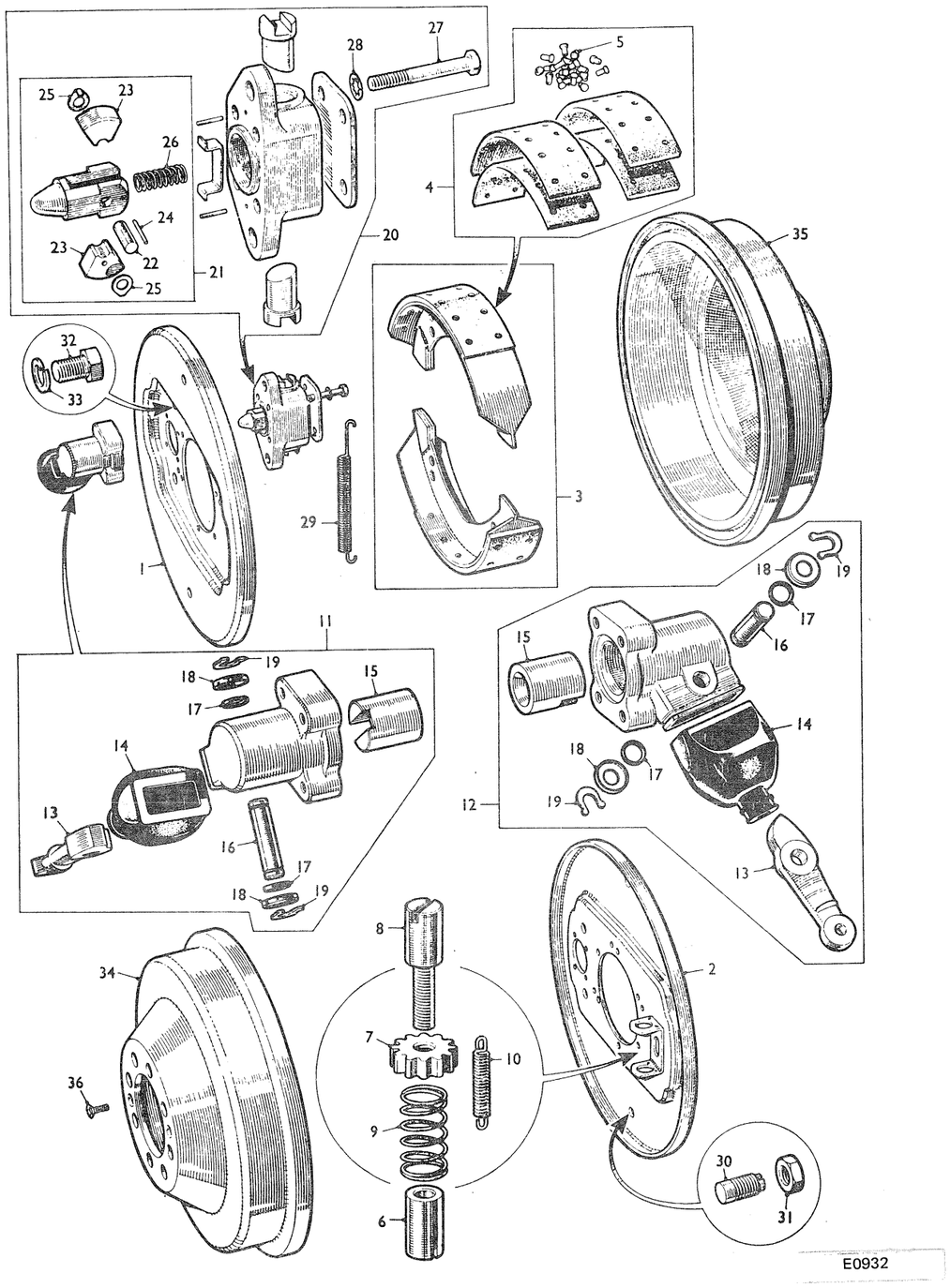
MJ 13 WHEEL BRAKES UP TO TRACTOR NO: 98999

110M **ISSUE** 1

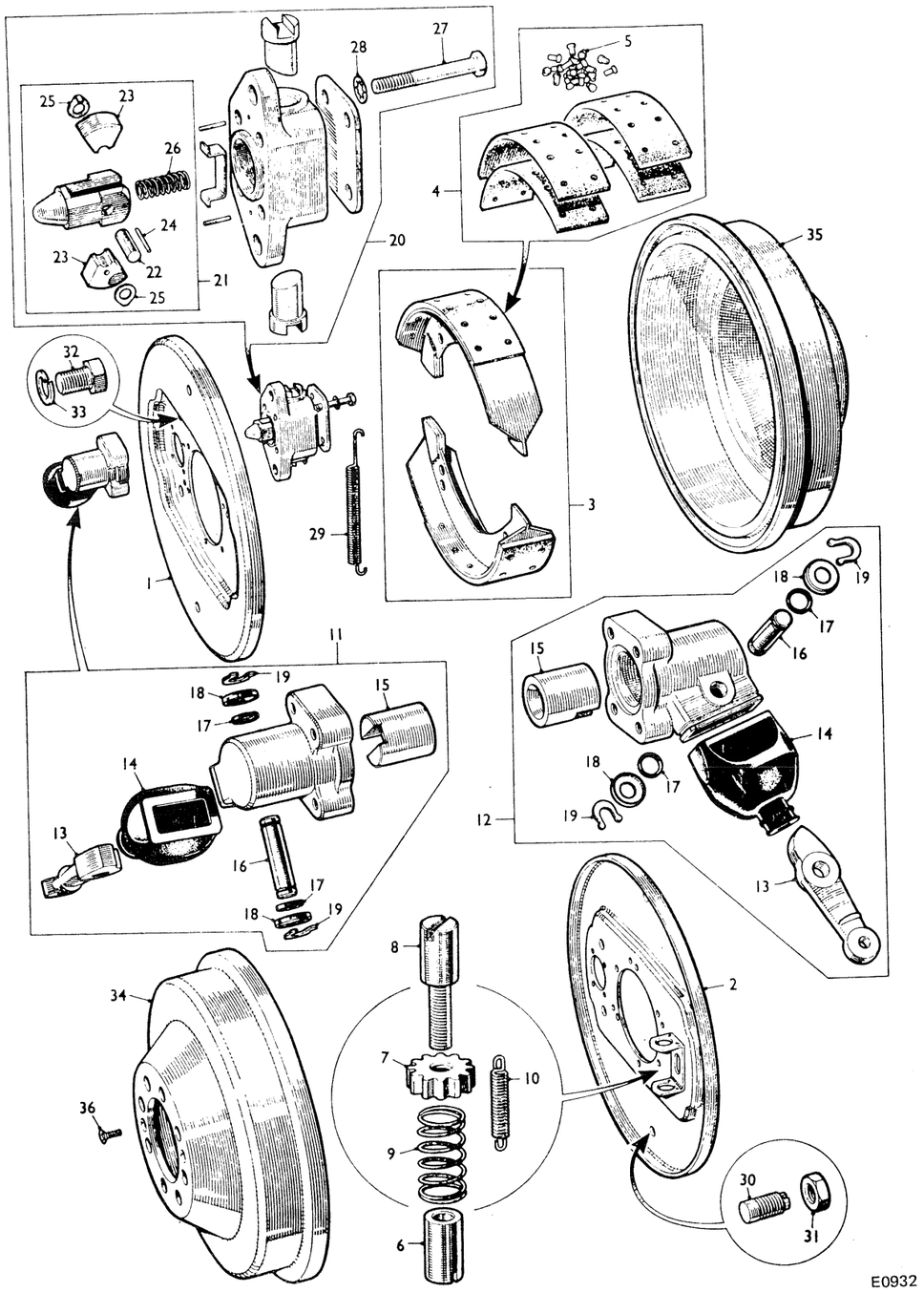


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
32	7H 7818	....	Spring	....	4
33	7H 7594	....	Pin-Steady	....	4
34	N.S.P.	....	Washer	....	4
35	FNN 208 1340/0401	Superseded	Nut	....	4
36	HNS 0806	....	Bolt	....	4
37	LWN 208 1416/0008	Superseded	Washer	....	4
38	ATJ 7170	....	Brake Drum	Correction was ATJ 7170	1
39	ATJ 7170	....	Brake Drum	Correction was ATJ 7170	1
40	CMZ 612	....	Retaining Screw	....	4

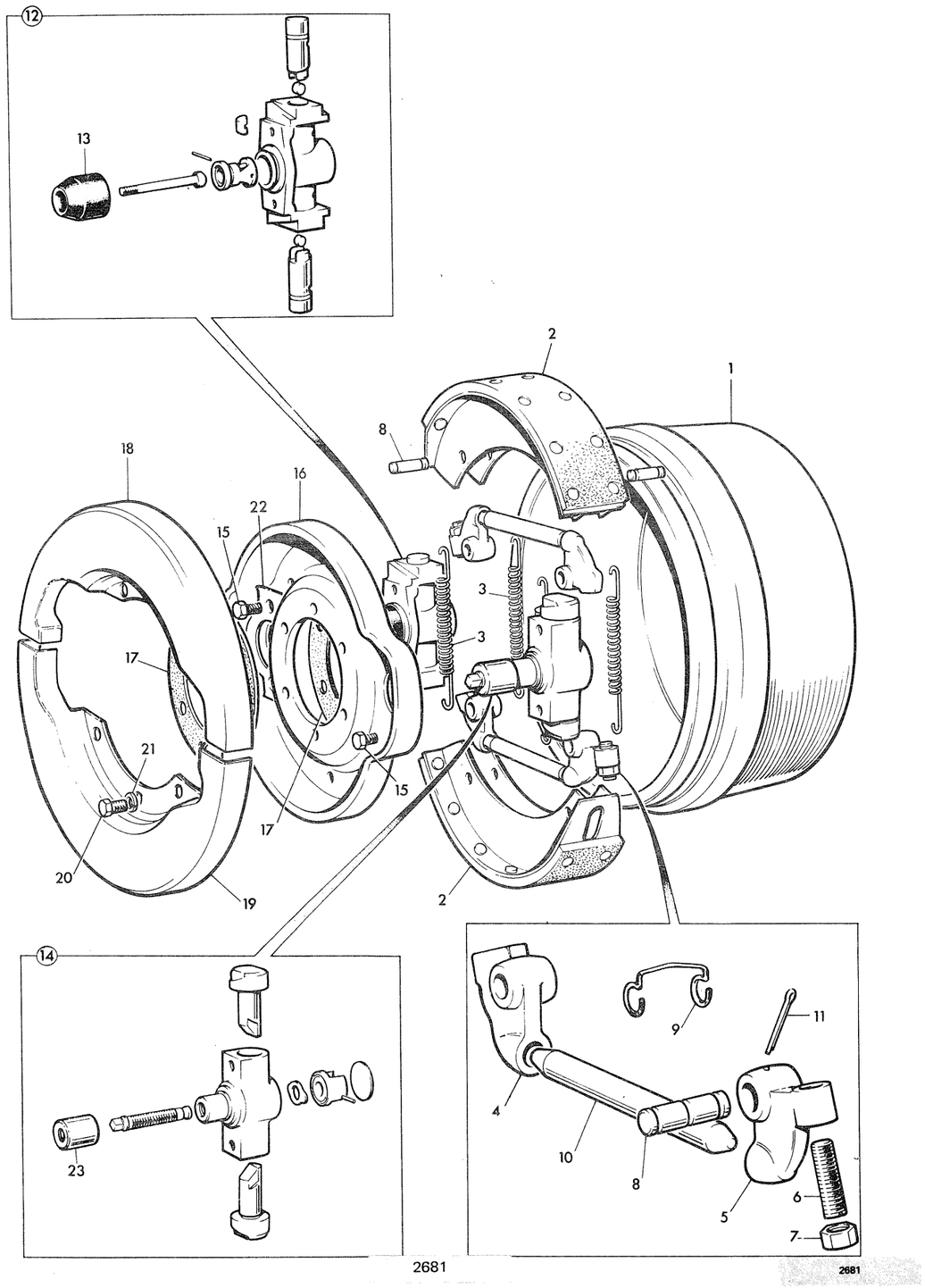
MJ 14 WHEEL BRAKES UP TO TRACTOR NO: 99001



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	37H 2007	....	Backplate R.H.	....	1
2	37H 2008	....	Backplate L.H.	....	1
3	18G 8322	....	BRAKE SHOE	....	2 sets
4	18G 8323 8G 8333	Superseded	Lining	....	1set
5	N.S.P.	....	:Rivet	Was 7H7399	28
6	17H 7888	....	Body	....	2
7	17H 7749	....	Wheel	....	2
8	17H 7750	....	Screw	....	2
9	17H 7751	....	Spring	....	2
10	17H 7761	....	Spring	....	2
11	17H 7757	....	EXPANDER - R.H.	....	1
12	17H 7758	....	EXPANDER - L.H.	....	1
13	17H 7759	....	:Lever	....	2
14	7H 7572	....	:Boot	....	2
15	17H 7760	....	:Piston	....	2
16	27H 4642	....	:Pin	....	2
17	27H 3977	....	:Seal	....	4
18	17H 2001	....	:Retainer	....	4
19	7H 7385	....	:Circlip	....	4
20	8G 8572	....	BISECTOR AND FORK	....	2
21	17H 7752	....	:FORK	....	2
22	7H 7605	....	::Pin	....	2
23	7H 7604	....	::Segment	....	4
24	7H 7607	....	::Pin	....	2
25	7H 7606	....	::Retainer	....	4
26	7H 7315	....	::Spring	Was 7H 7315	2
27	HBN 0520 1305/3118	Superseded	:Bolt	....	8
28	LWN 405	....	:Washer	....	8
29	7H 7818	....	Spring	....	4
30	7H 7594	....	Pin	....	4
31	FNZ 208 1340/0401	Superseded	Nut	....	4
32	HNS 0806	....	Bolt	....	4
33	LWN 208 1416/0008	Superseded	Washer	....	4
34	ATJ 7894	....	Brake Drum	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
35	ATJ 7894	....	Brake Drum	....	1
36	CMZ 612	....	Screw	....	4



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 5996 ATJ 5356	to M61677	:Brake Drum	....	2
2	18G 9002 18G 9005	to M61677	:Brake Shoe & Linings	....	2
3	17H 4044	....	:Spring	....	4
4	37H 4713	....	:Bellcrank	....	2
5	37H 4712	....	:Bellcrank	....	2
6	17H 4040	....	:Adjuster	....	2
7	17H 4025	....	::Nut	....	2
8	17H 4041	....	::Pivot Pin	....	4
9	37H 4714	....	:Clip	....	4
10	17H 4043	....	:Push Rod	....	2
11	N.S.P.	....	:Split Pin	....	4
12	37H 4977	....	:Expander Assembly	....	1
13	37H 7634	....	::Dust Cover	....	1
14	37H 7635	....	:Adjuster Assembly	....	1
15	HNS 0806	....	:Bolt	....	4
16	37H 7633 988/00034	Superseded	:Back Plate	....	
17	ATJ 5622 988/00115	Superseded	Gasket	....	2
18	ATJ 5328 ATJ 5349	to M 61677	Dust Plate	....	2
19	ATJ 5328 ATJ 5349	to M61677	Dust Plate	....	2
20	1305/0001	....	Bolt	....	6
21	1416/0004	....	Washer	....	6
22	17H 4873	....	Lock Plate	....	2
23	17H 8822	....	Dust Cover	....	1
24	CMZ 612	....	Screw	....	2

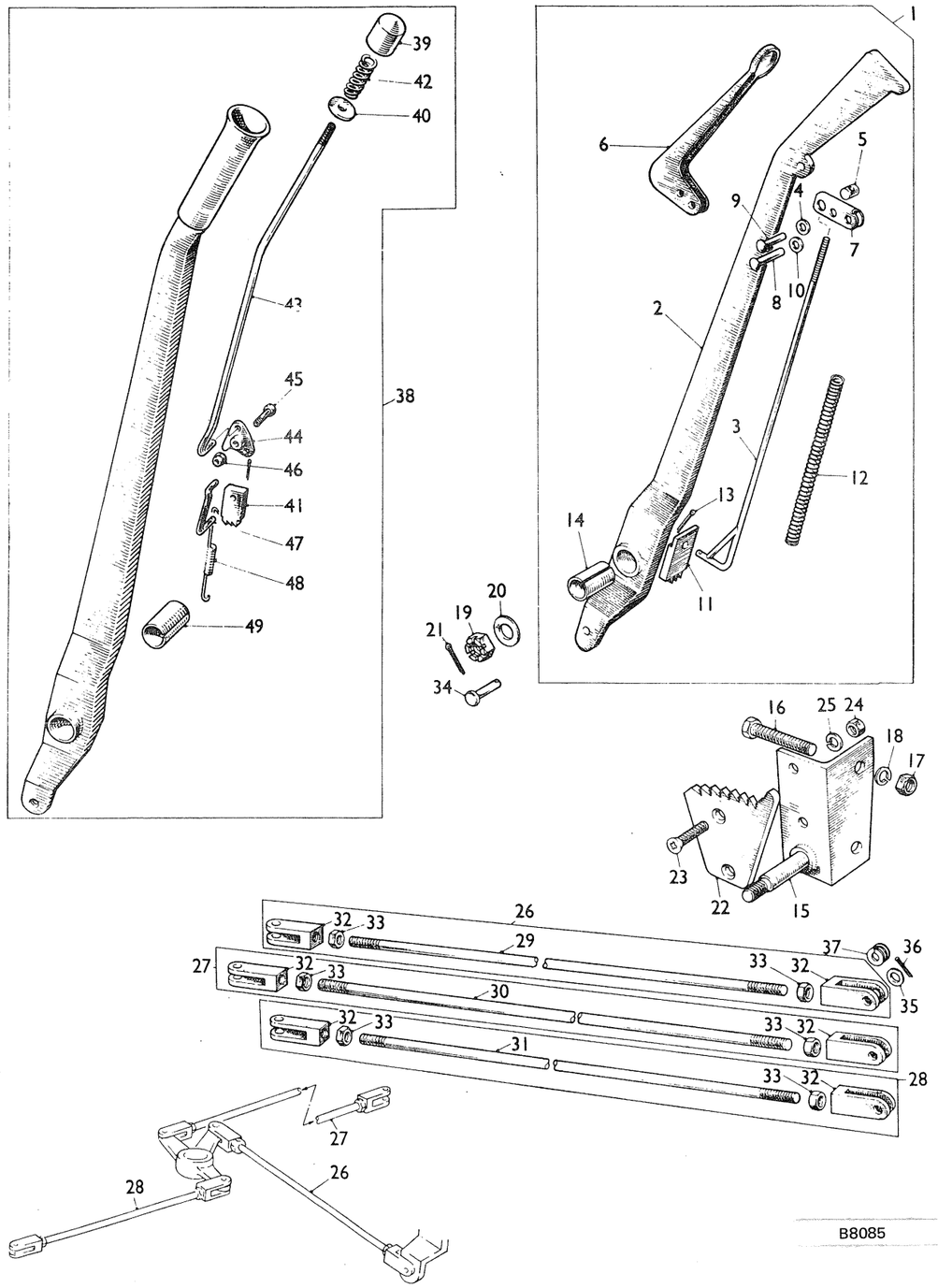
ISSUE 1

MJ

Pages MJ15 to MJ19

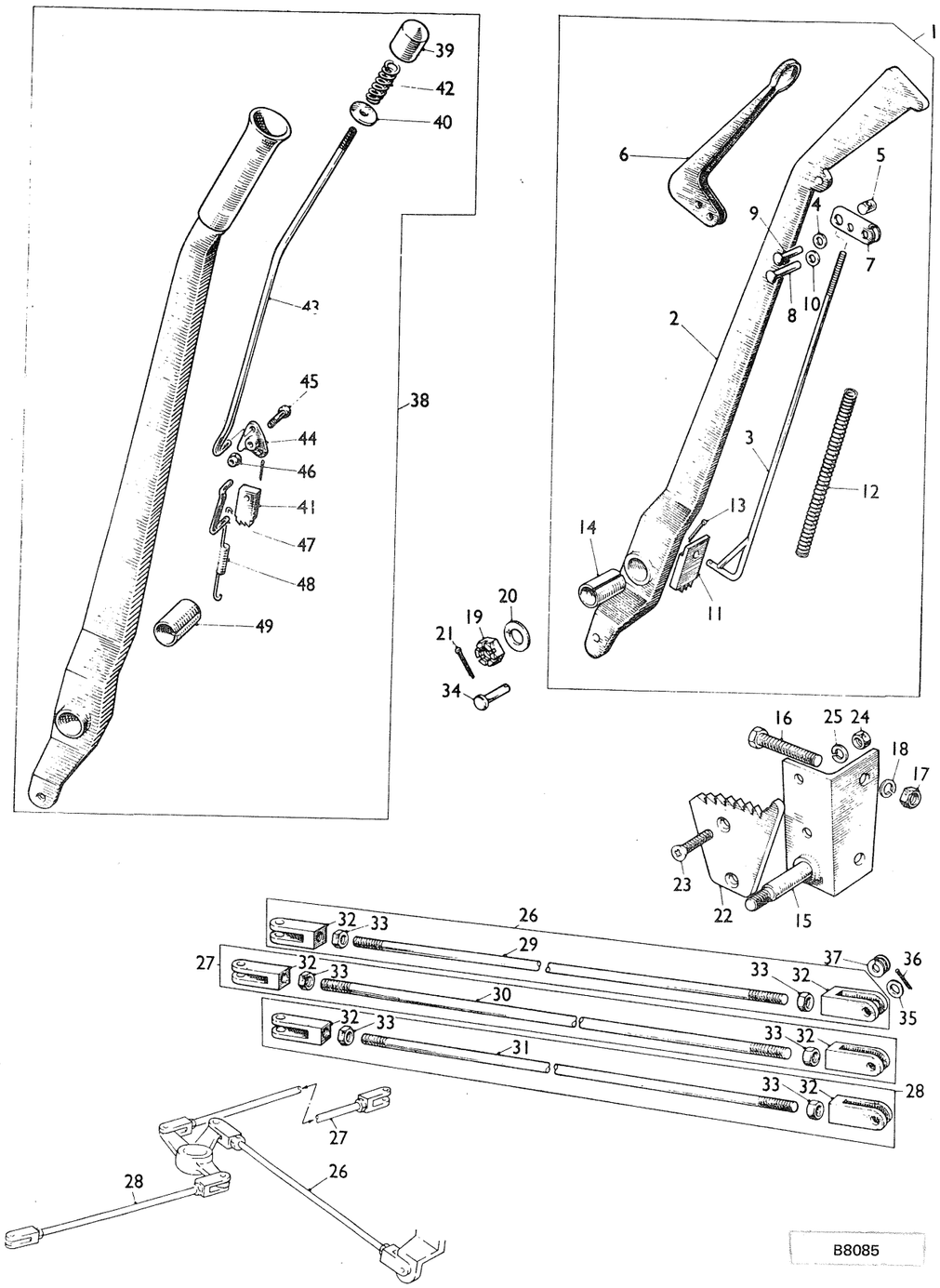
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MJ 15 HANDBRAKE & LINKAGE WHEEL BRAKES UP TO TRACTOR NO: 98999



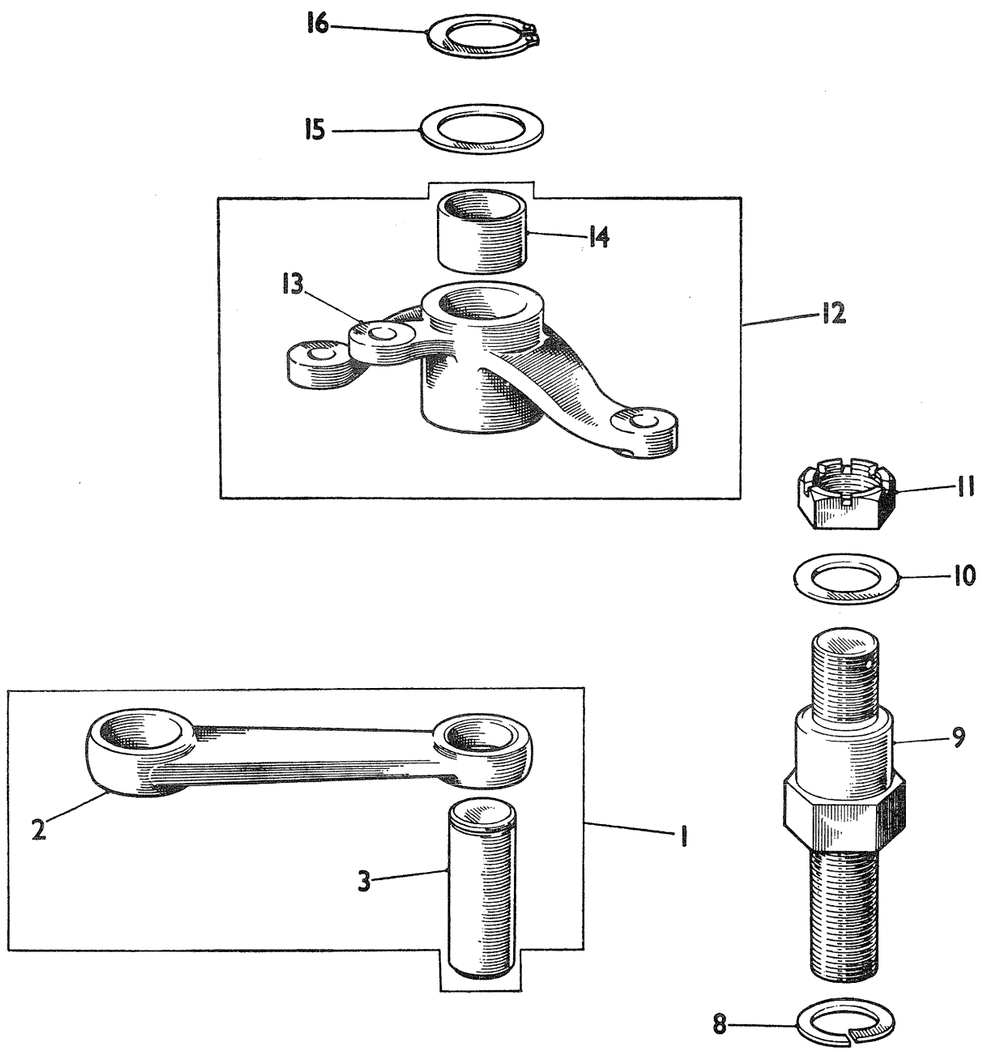
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 6644 See item 38	Superseded	Handbrake Lever Assembly	....	1
2	N.S.P.	....	:Lever	Was AAK 3000	1
3	AAK 5328	....	:Pawl Rod	....	1
4	AAK 3002	....	:Washer	....	2
5	AAK 3003	....	:Nipple	....	1
6	AAK 3004	....	:Trigger	....	1
7	AAK 3005	....	:Link	....	1
8	RRS 412	....	:Rivet	....	1
9	RRS 315	....	:Rivet	....	1
10	AAK 3008	....	:Fibre Washer	....	2
11	AAK 5329	....	:Pawl	....	1
12	N.S.P.	....	:Spring	Was AMK 3214	1
13	CPS 0204 CPS 204	Superseded	:Split Pin	....	1
14	AMK 3213	....	:Bush	....	1
15	NT 7472	....	Bracket	....	1
16	NT 5548	....	Bolt	....	2
17	ATJ 1081	....	Nut	....	2
18	LWN 209 1416/0009	Superseded	Washer	....	2
19	FNN 410 1340/0605	Superseded	Nut	....	1
20	PWN 110 1411/0007	Superseded	Washer	....	1
21	CPS 0412	....	Split Pin	....	1
22	NT 7083	....	Ratchet	....	1
23	CMN 0616 CMN 616	Superseded	Screw	....	2
24	FNN 106 1340/0201	Superseded	Nut	....	2
25	LWN 206 1416/0006	Superseded	Washer	....	2
26	ATJ 7210	....	Rod - 3 & 4 Cylinder	Handbrake to Compensator Comprises Items 29,32 and 33	1
27	ATJ 7208	....	Rod - 3 & 4 Cylinder	Right Handbrake to Compensator Comprises Items 30,32 & 33	1

MJ 15 HANDBRAKE & LINKAGE WHEEL
BRAKES UP TO TRACTOR NO: 98999



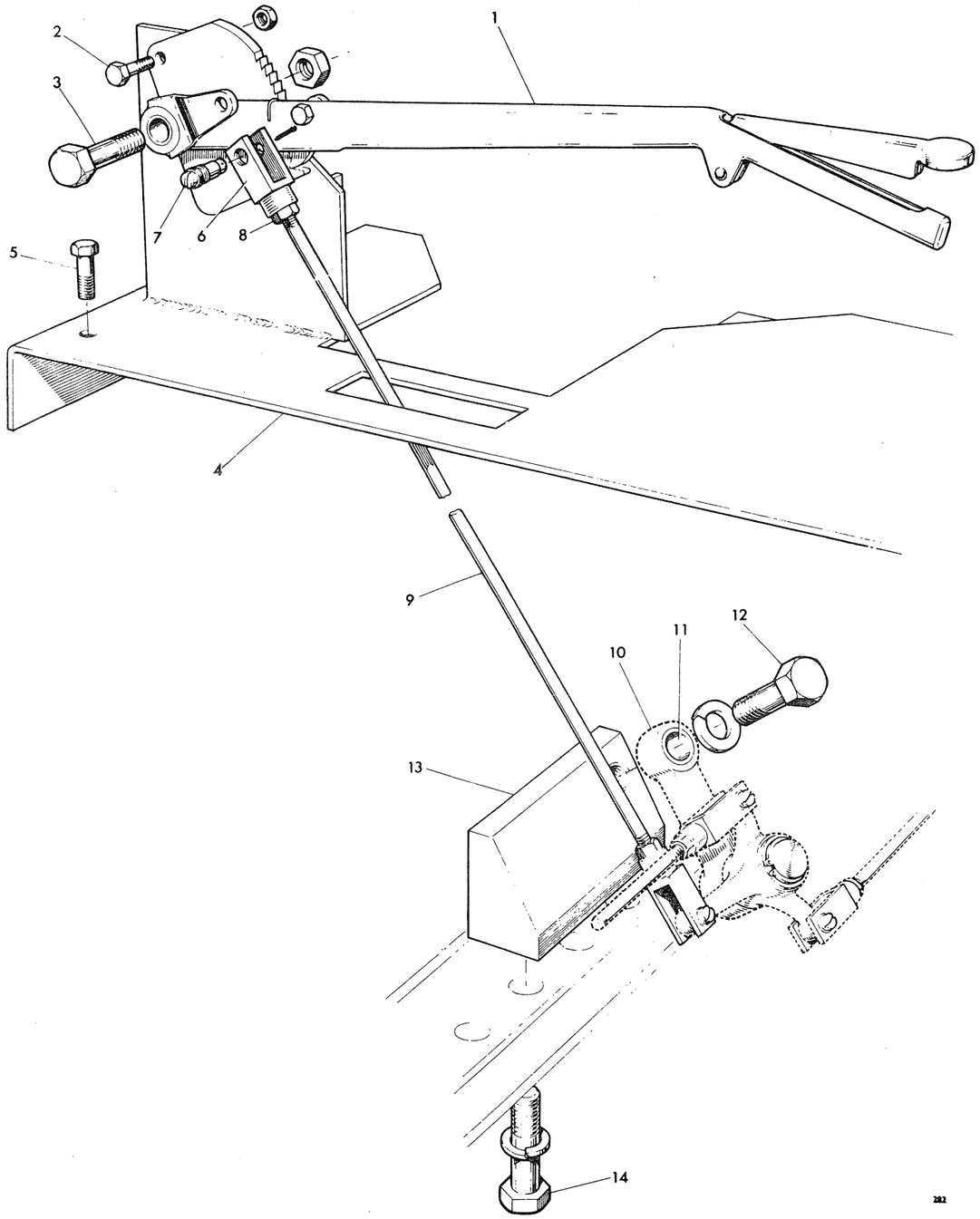
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
28	ATJ 7212	....	Rod - 3 & 4 Cylinder	Left Handbrake to Compensator Comprises Items 31,32 & 33	1
29	ATJ 7211	....	Rod - 3 & 4 Cylinder	....	1
30	ATJ 7209	....	Rod - 3 & 4 Cylinder	....	1
31	ATJ 7213	....	Rod - 3 & 4 Cylinder	....	1
32	NT 5545	....	Clevis - 3 & 4 Cylinder	....	6
33	FNN 106 1340/0201	Superseded	Locknut	....	6
34	NT 3033 CLZ 517	Superseded	Clevis Pin	....	6
35	PWN 105 1411/0002	Superseded	Washer	....	6
36	CPS 206	....	Split Pin	....	6
37	AJD 7731	....	Thackeray Washer	....	1
38	ATJ 5079	....	Handbrake Assembly	....	1
39	27H 7626	....	:Release Button	....	1
40	27H 7627	....	:Plain Washer	....	1
41	N.S.P.	....	:Pawl	Was AAK3009	1
42	27H 7628 25/700007	Superseded	:Return Spring	....	1
43	27H 7629	....	:Pawl Rod	....	1
44	27H 7630	....	:Relay	....	1
45	27H 7640	....	:Bolt	....	1
46	27H 7641	....	:Nut	....	1
47	27H 7642	....	:Pawl Rod	....	1
48	27H 7643	....	:Spring	....	1
49	AMK 3213	....	:Bush	....	1

MJ 16 BRAKE BALANCE LEVER WHEEL
BRAKES UP TO TRACTOR NO: 98999



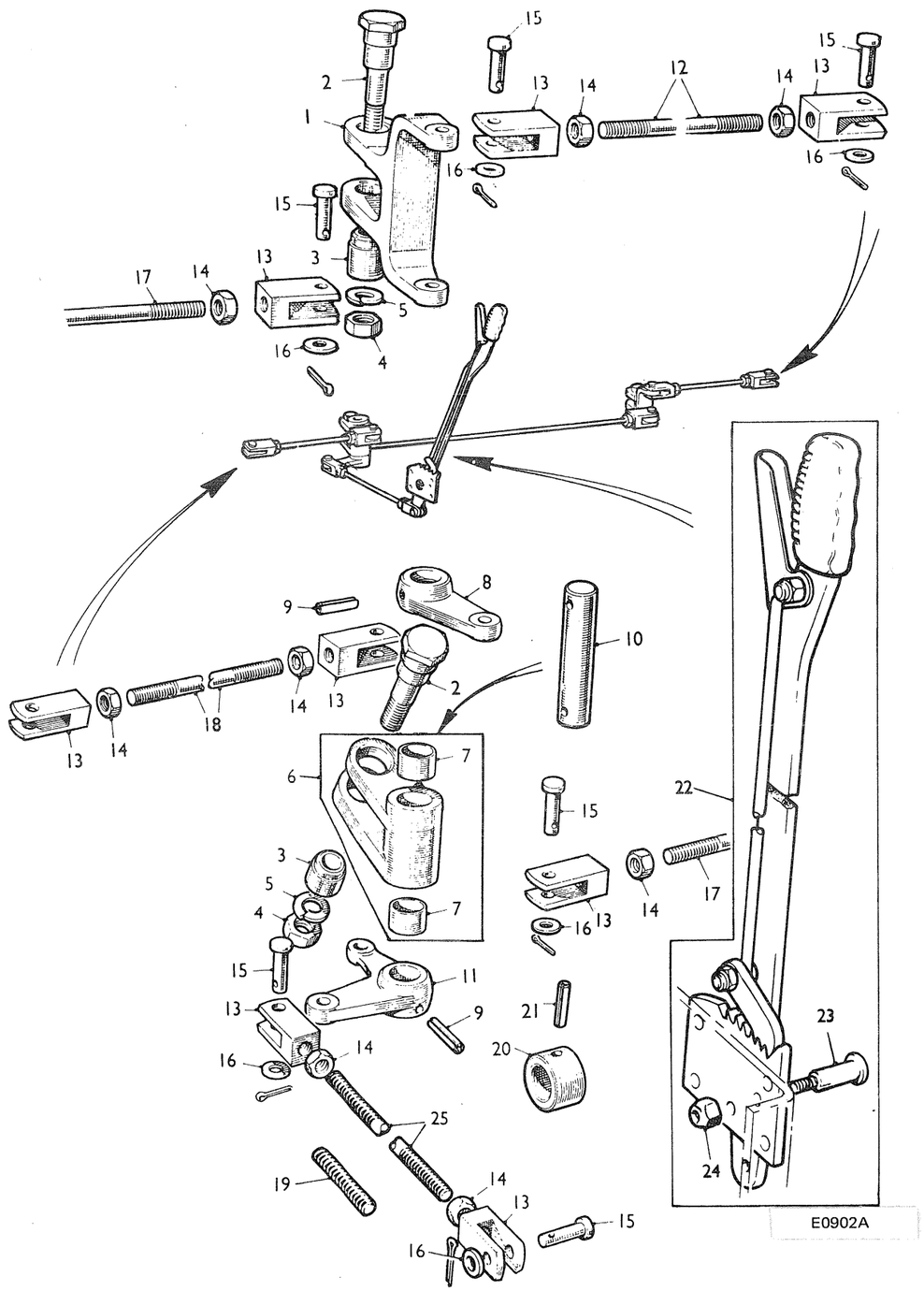
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 7177	....	Pivot Arm and Pin Assy	....	1
2	ATJ 7178	....	:Pivot Arm	....	1
3	ATJ 7179	....	:Pivot Pin	....	1
8	LWZ 212 1416/0011	Superseded	Washer	....	1
9	ATJ 7610	....	Swivel Pin	3 cylinder	1
	See Page MJ17	....	Bolt	4 cylinder	1
10	PWZ 112 1411/0008	Superseded	Washer	....	1
11	FNZ 412 1340/0805	Superseded	Slotted Nut	....	1
12	ATJ 7172	....	Compensator Lever	....	1
13	ATJ 7173	....	:Lever	....	1
14	ATJ 1033	....	:Bush	....	2
15	ATJ 1045	....	Washer	....	1
16	CCN 114	....	Circlip	....	1

MJ 17 HANDBRAKE



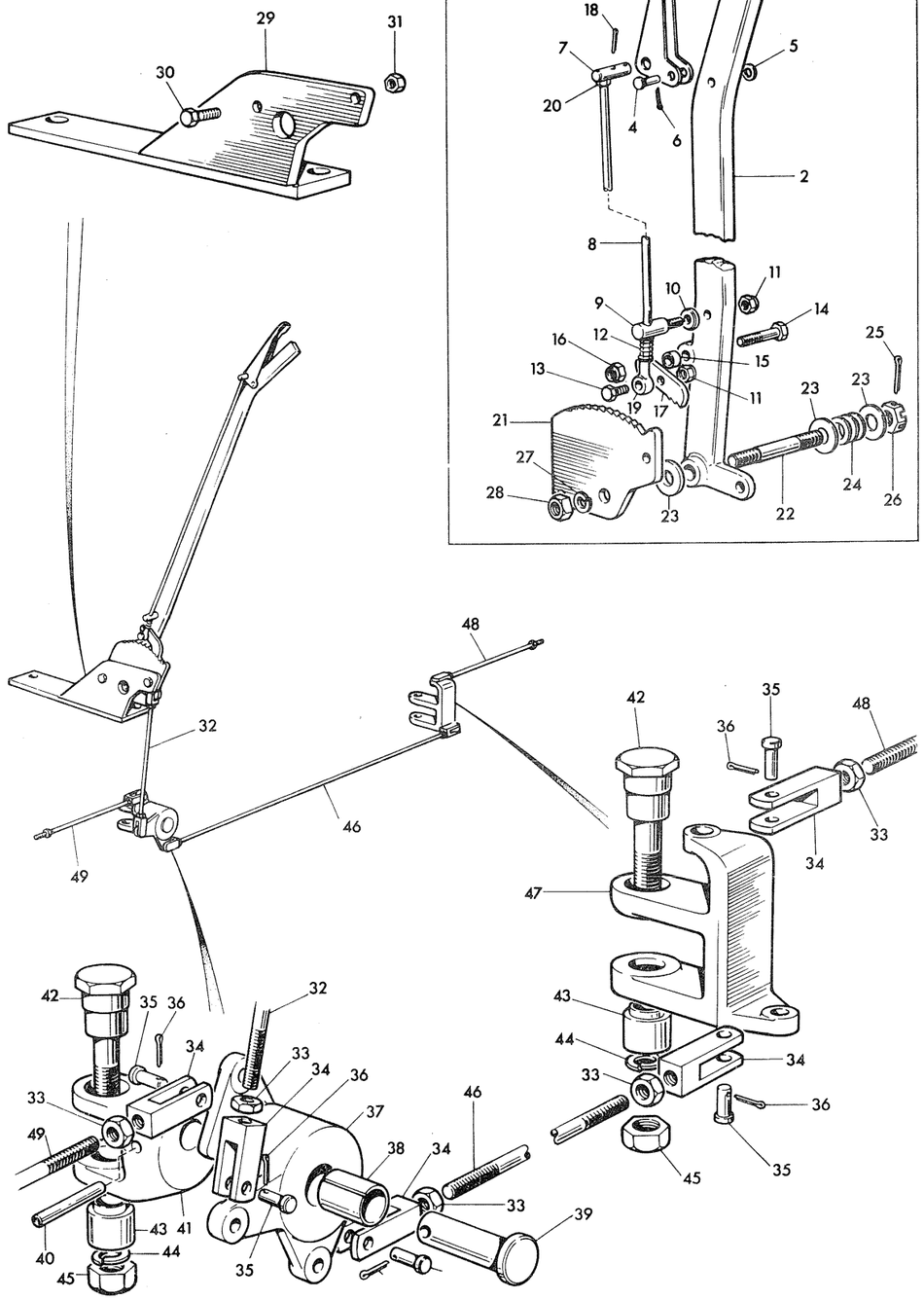
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	AL17/210	....	Handbrake	....	1
2	G64/31 1305/3208	Superseded	Bolt	....	2
	G43/16 1340/0203	Superseded	Nut	....	2
3	200/35802	....	Pivot Bolt	....	1
	G43/12 1340/0403	Superseded	Nut	....	1
4	AL17/214	....	Footplate JCB 3c	....	1
	AL16/50 104/85100	Superseded	Footplate-JCB 4c	....	1
5	G64/27 1305/0204	Superseded	Bolt	....	2
6	L5/344 103/39300	Superseded	Clevis and Pin	....	2
7	L5/806	....	:Clevis Pin	....	2
	G3/10 2103/0507	Superseded	Split Pin	....	2
8	G10/12 1340/0202	Superseded	Locknut	....	2
9	L17/216	....	Rod	....	1
10	See Page MJ16	....	Compensator	....	1
11	L17/201	....	Bush	....	1
	G16/3 1416/0011	Superseded	Washer	....	1
12	G64/36 1305/3714	Superseded	Bolt	....	1
13	L17/212	....	Block	....	1
14	G64/11 1305/3718	Superseded	Bolt	....	1
15	G16/3 1416/0011	Superseded	Washer	....	1

MJ 18 BRAKE LINKAGE FROM TRACTOR NO: 99001



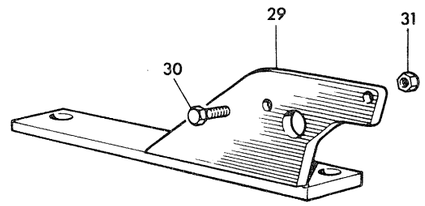
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 5773	....	Lever	....	1
2	ATJ 5780	....	Bolt	....	2
3	ATJ 5770	....	Spacer	....	2
4	FNZ 508 1340/0401	Superseded	Nut	....	2
5	LWZ 208 1416/0008	Superseded	Washer	....	2
6	ATJ 5767	....	Bracket	....	1
7	ATJ 5772	....	:Bush	....	1
8	ATJ 5781	....	Lever	....	1
9	RPS 1620 2102/0215	Superseded	Roll Pin	....	2
10	ATJ 5771	....	Shaft	....	1
11	ATJ 5769 106/84100	See Note	Lever	....	1
12	106/53401	....	Rod - L.H.	....	1
13	NT 5545	....	Fork	....	8
14	FNZ 506 1340/0201	Superseded	Nut	....	8
15	NT 3033 CLZ 517	Superseded	Clevis Pin	....	8
16	PWZ 105 1411/0002	Superseded	Washer	....	8
17	106/53402	....	Rod	....	1
18	ATJ 5776	....	Rod - R.H.	....	1
19	ATJ 5774	....	Rod	....	1
20	ATJ 5779	....	Ring	....	1
21	RPS 1624 ATJ 5492	Superseded	Roll Pin	....	1
22	108/45400	....	HANDBRAKE ASSEMBLY	....	1
23	200/35802	....	Pivot Pin	....	1
24	1340/0403	....	Nut	See Note	1
25	108/45601	....	Rod	....	1

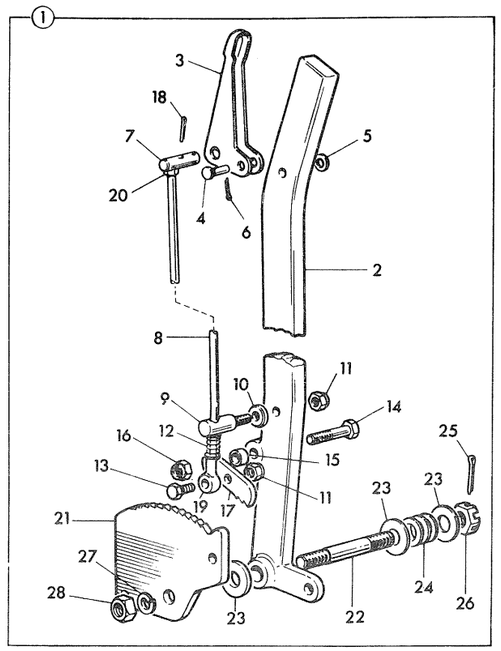
Note:- Fitted from JCB 2B 50711
JCB 3 50834
JCB 3C 49449
JCB 3D 51337



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	108/46000	....	Lever Assembly	....	1
2	N.S.P.	....	:Lever	....	1
3	108/46004	....	:Release Lever	....	1
4	2101/9530 2101/0105	Superseded	:Clevis Pin	....	1
5	1410/0001	....	:Washer	....	1
6	G3/36 2103/0305	Superseded	:Split Pin	....	1
7	108/46010	....	:Pivot Pin	....	1
8	108/46005	....	:Rod	....	1
9	108/46006	....	:Guide Pin	....	1
10	108/46013	....	:Washer	....	1
11	1350/0003	....	:Lock Nut	....	2
12	108/46009	....	:Spring	....	1
13	108/46011	....	Bolt	....	1
14	1325/3112	....	:Bolt	....	1
15	108/46008	....	:Spacer	....	1
16	1350/0103	....	:Lock Nut	....	1
17	108/46003	....	:Pawl	....	1
18	G3/24 2103/0509	Superseded	:Split Pin	....	1
19	108/46012	....	:Eye End	....	1
20	1350/0001	....	:Nut	....	1
21	108/46001	....	Ratchet	....	1
22	108/46007	....	Pivot Pin	....	1
23	108/46014	....	Washer	....	3
24	108/46015	....	Spring	....	1
25	G3/4 2103/0710	Superseded	Split Pin	....	1
26	1350/0605	....	Nut	....	1
27	1416/0008	....	Lock Washer	....	1
28	1350/0401	....	Nut	....	1
29	108/46200	....	Mounting Plate	....	1
	102/04000	....	Mounting Plate	2D with Three Point Linkage	1
30	1305/3210	....	Bolt	....	2
31	1340/0203	....	Nut	....	2

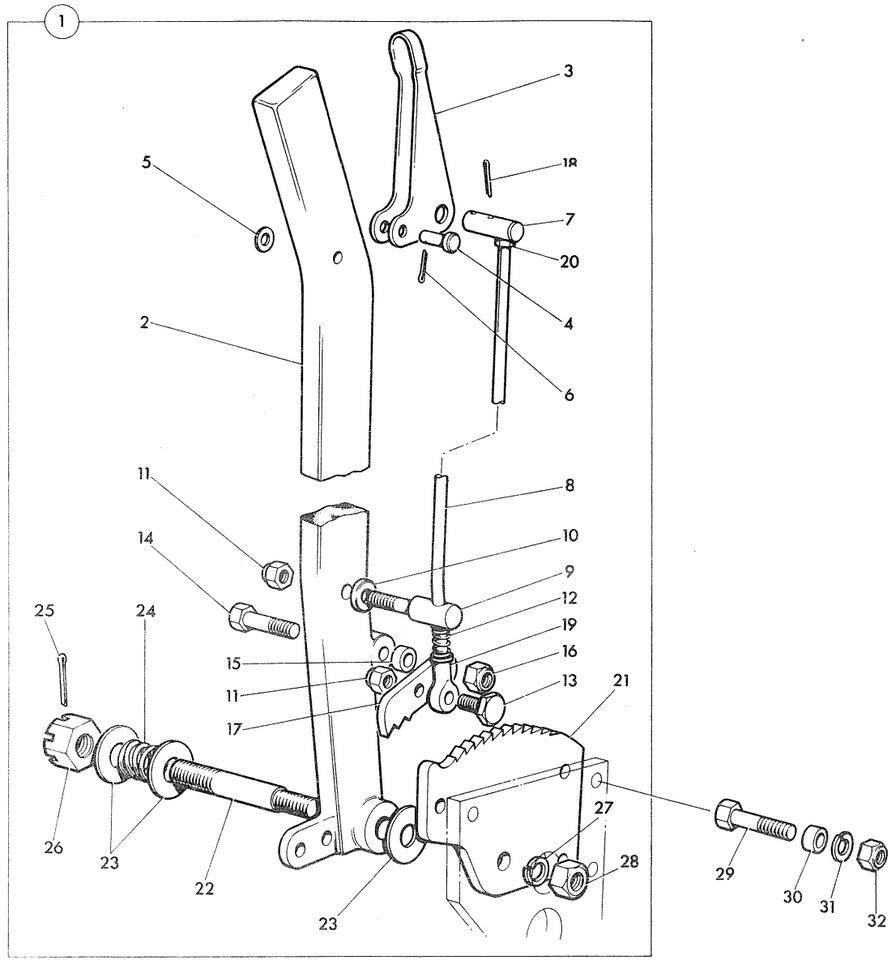
MJ 18–1 BRAKE LINKAGE—GERMAN WHEEL BRAKES

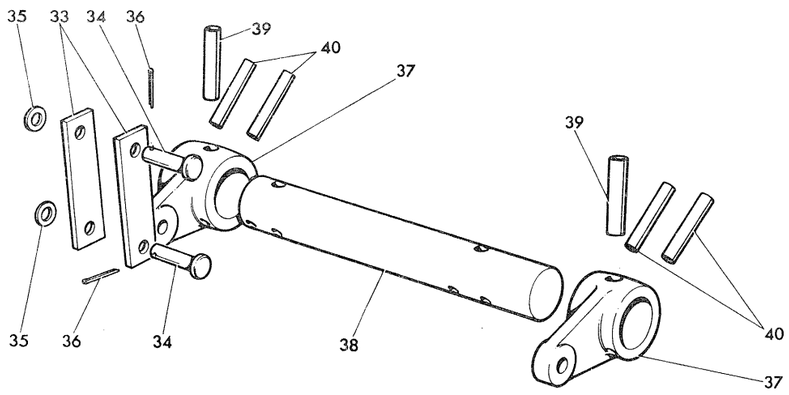




ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
32	108/45907	....	Rod	Correction Was 108/47907	1
33	FNZ 506 1340/0201	Superseded	Nut	....	8
34	NT 5545	....	Clevis	....	8
35	NT 3033 CLZ 517	Superseded	Clevis Pin	....	8
36	G3/14 2103/0306	Superseded	Split Pin	....	8
37	108/45905	....	Compensator	....	1
38	831/00013	....	Bush	....	1
39	108/45904	....	Pivot Pin	....	1
40	2102/0821	....	Tension Pin	....	1
41	108/45901	....	Compensator	....	1
42	ATJ 5780	....	Bolt	....	2
43	ATJ 5770	....	Spacer	....	2
44	LWZ 208 1416/0008	Superseded	Washer	....	2
45	FNZ 508 1340/0401	Superseded	Nut	....	2
46	108/45909	....	Rod	....	1
47	108/45906	....	Compensator	....	1
48	108/45908	....	Rod	....	1
49	108/45910	....	Rod	....	1

MJ 19 HEAVY DUTY HANDBRAKE



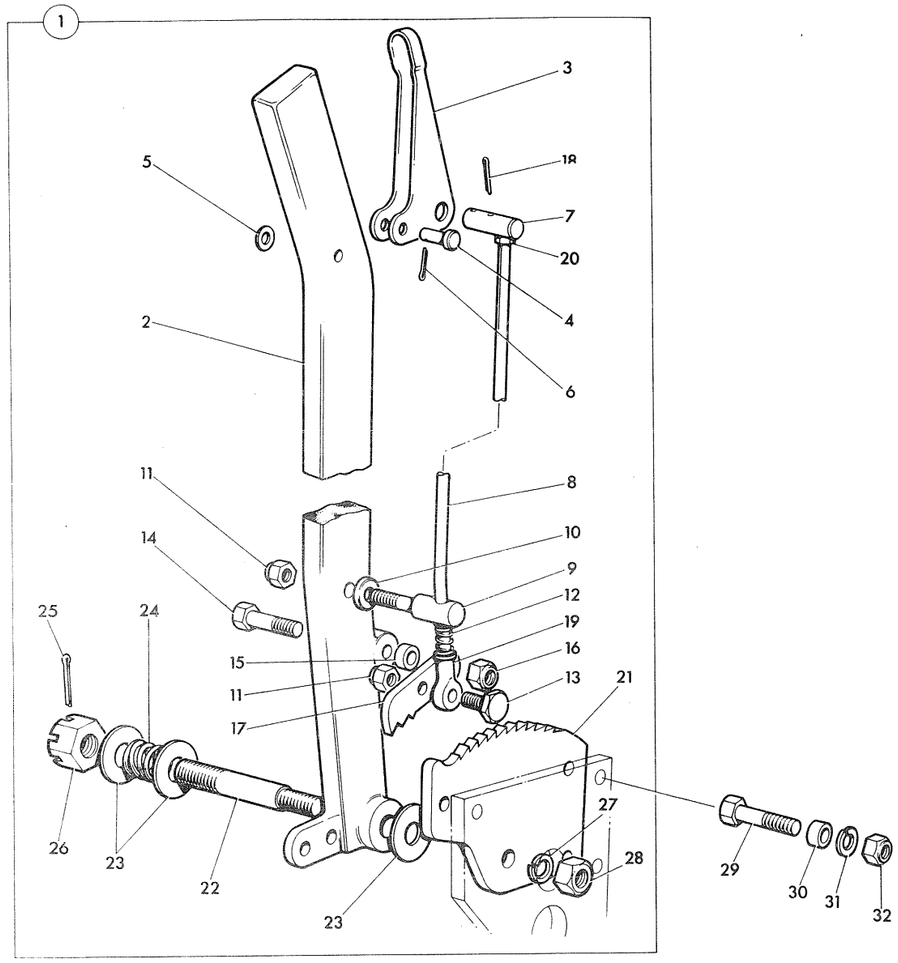


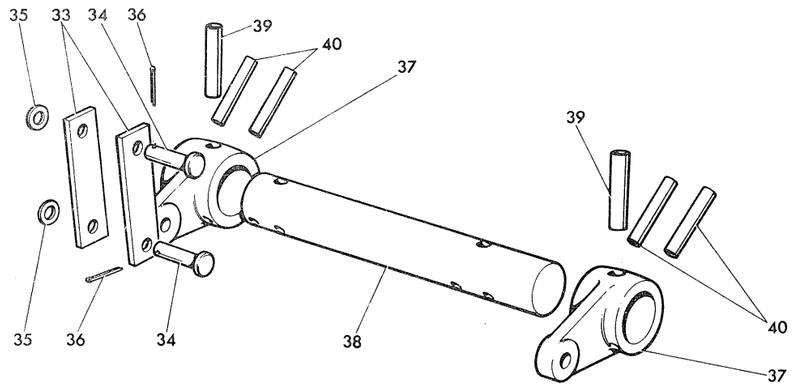
3598

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	106/24100	....	Handbrake Lever	STD	1
	106/24600	....	Handbrake Lever	TC	1
2	N.S.P.	....	:Lever	....	1
3	108/46004	....	:Release Lever	....	1
4	2101/9530 2101/0105	Superseded	:Clevis Pin	....	1
5	1410/0001	....	:Washer	....	1
6	2103/0305	....	:Split Pin	....	1
7	108/46010	....	:Pivot Pin	....	1
8	108/46005	....	:Rod	....	1
9	108/46006	....	:Guide Pin	....	1
10	108/46013	....	:Washer	....	1
11	1350/0003	....	:Lock Nut	....	2
12	108/46009	....	:Spring	....	1
13	108/46011	....	:Bolt	....	1
15	108/46008	....	:Spacer	....	1
16	1350/0103	....	:Lock Nut	....	1
17	108/46003	....	:Pawl	....	1
18	2103/0509	....	:Split Pin	....	1
19	108/46012	....	:Eye End	....	1
20	1350/0001	....	:Nut	....	1
21	108/46001	....	:Bracket	....	1
22	108/46007	....	:Pivot Pin	....	1
23	108/46014	....	:Washer	....	3
24	108/46015	....	:Spring	....	1
25	2103/0710	....	:Split Pin	....	1
26	1350/0605	....	:Nut	....	1
27	1416/0008	....	:Lock Washer	....	1
28	1350/0401	....	:Nut	....	1
29	1305/0210	....	Bolt	....	3
30	106/24202	....	Spacer	....	3
31	1416/0006	....	Washer	....	3
32	1340/0201	....	Nut	....	3
33	106/24201	....	Link	....	2
34	2101/0306	....	Clevis Pin	Correction Was 2101/0206	2

MJ 19 HEAVY DUTY HANDBRAKE

110M **ISSUE** 2



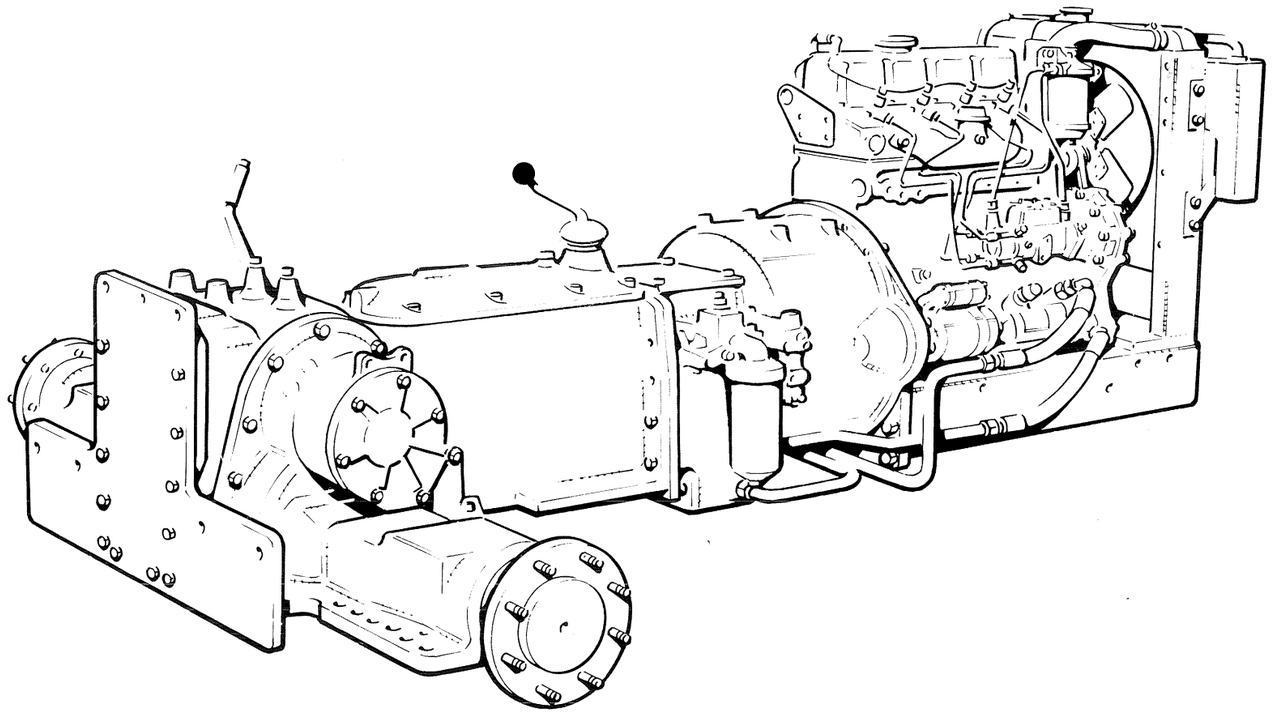


3598

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
35	1410/0002	....	Washer	....	2
36	2103/0706	....	Split Pin	....	2
37	106/24203	....	Lever	....	2
38	106/24204	....	Shaft	....	1
39	2102/0817	....	Tension Pin	....	2
40	2102.0617	....	Tension Pin	....	4

End of Section MJ

180° ENGINE & TRANSMISSION



BMC

4 Cylinder Engine	EA
3 Cylinder Engine	EC
Throttle Linkage	MA
Clutch	ME
Gearbox & Transmission	MF
Steering Column	MG
Brakes	MJ
Electrical Equipment	MK
Floor Plate	MN
Drawbar	MO
P.T.O. & Hydraulics	MR
Torque Converter	TC

CHANGE NOTIFICATION

110M **ISSUE** 6*

The following pages have changed in content, or are new in comparison with the preceding issue of this fiche.

Page	Text	Illustration
EA2	*	
Frame 2	*	
Frame 3	*	
Frame 4	*	
EA3	*	
Frame 2	*	
EA4	*	
Frame 2	*	
Frame 3	*	
EA5	*	
Frame 2	*	
EA7	*	
Frame 2	*	
EA8	*	
Frame 2	*	
Frame 3	*	
EA9	*	
Frame 2	*	
EA10	*	
Frame 2	*	
EA11	*	
Frame 2	*	
EA12	*	
Frame 2	*	
EA13	*	
EA14	*	
Frame 2	*	
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EA15	*	
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EA16	*	
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EA19	*	
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EA27–1		
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EC14	*	
EC18	*	
EC19	*	
EC20	*	
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Frame 3	*	
EC21–1		
Frame 2	*	
EC22	*	
EC32	*	
EC33	*	
EC34	*	
Frame 2	*	
MF15	*	
MF16–1	*	
MF19	*	
MF20	*	
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MJ6–1		
Frame 2	*	
Frame 3	*	
MJ6–2	*	
MJ12–1	*	
MK2–1	*	
MK2–2		
Frame 2	*	
MK4–2	*	
MK4–3	*	
Frame 2	*	
MK5	*	
MK6	*	
Frame 2	*	
MK7–1	*	
MK7–2	*	
MR21–2	*	
MR23	*	
MR24–1	*	
MR27	*	
TC7	*	

ISSUE 2

MK

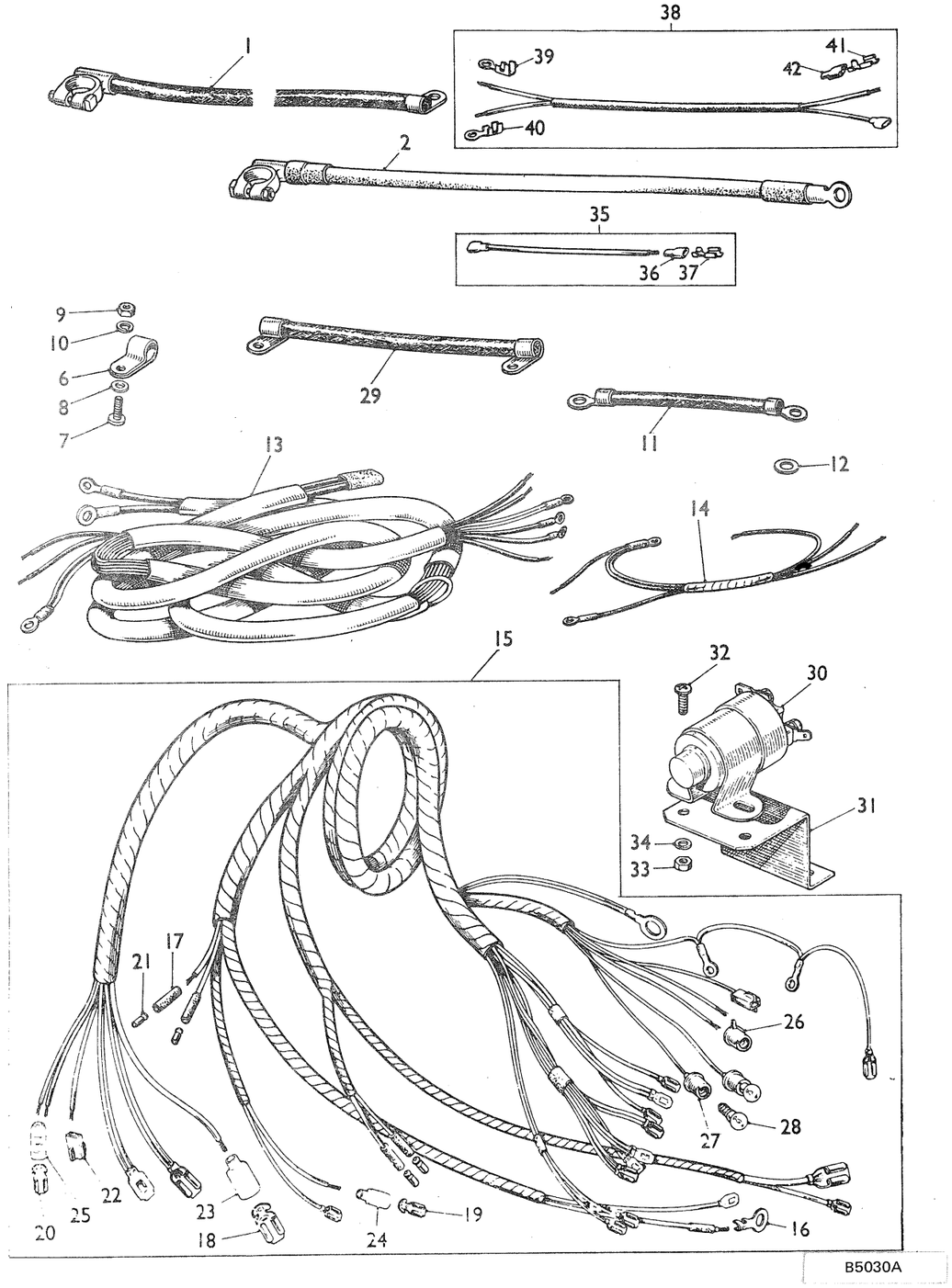
Electrical Equipment

Page MK 1 to MK 4·1

Description	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Alternator								
-Optional								
Lucas 15 ACR	MK4.4E38TD51553		MK4.4E38TD51553	MK4.4E38TD51553	MK4.4E38TD51553			MK.4E58TD51553
-Standard								
Lucas 18 ACR	MK4.2E498NT2724	MK4.2E498NT2724	MK4.2E498NT2724	MK4.2E498NT2724	MK4.2E498NT2724		MK4.2E498NT2724	MK4.2E498NT2724
-Standard								
A.C.Delco DN460	MK4.3	MK4.3	MK4.3	MK4.3	MK4.3		MK4.3	MK4.3
-Optional Sealed								
Type		MK4.6	MK4.6	MK4.6	MK4.6			MK4.6
-Installation		MK4.5	MK4.5	MK4.5	MK4.5			MK4.5
Battery Tray	MK12 T98999 MK2.1 M49494 MK2.2	MK2.2	MK12 T98999 MK2.1 M49739 MK2.2	MK12 T98999 MK2.1 M49345 MK2.2	MK12 T98999 MK2.1 M49740 MK2.2	MK12	MK2.2	MK2.2
Control Panel	From M52478 MK8.1E38TD5133		From M52478 MK8.1 T51553	From M52478 MK8.1 T51551	From M52478 MK8.1 T51552		From M52478 MK8.1 T57553	From M52478 MK8.1 T51553
Dynamo C40	MK3 98999		MK3 98999	MK3 98999	MK3 98999	MK3 98999	MK4.1E38TD51553	MK4.1E38TD51553
C40T	MK4		MK4	MK4	MK4	MK4		
	MK4.1E38TD51553		MK4.1E38TD51553	MK4.1E38TD51553	MK4.1E38TD51553			
Horn	MK12 T98999 MK2.2	MK2.2	MK12 T98999 MK2.2	MK12 T98999 MK2.2				
Instruments								
& Controls	MK10 M20485 MK11 T98999 MK11.1	MK11.1	MK10 M41419 MK11 T98999 MK11.1	MK11 T98999 MK11.1	MK14 T98999 MK11.1	MK14	MK11.1	MK11.1
Instrument Panel								
-Manual Trans.	MK9 M20485 MK11 T98999 MK15 M50414 MK15.1 M52477 MK15.2	MK15.2 M68150 MK15.3 MK15.4	MK9 M41419 MK11 T98999 MK15 M50414 MK15.1 M52477 MK15.2 M68150 MK15.3 MK15.4	MK11 T98999 MK15 M50414 MK15.1 M52477 MK15.2 M68150 MK15.3 MK15.4	MK14 T98999 MK15 M50414 MK15.1 M52477 MK15.2 M68150 MK15.3 MK15.4	MK11	MK15 M50414 MK15 M52477 MK15.2 M68150 MK15.3	
-T/C Trans.	MK15.1 M52477 TC7A	TC7A M68150 MK15.3 MK15.4	MK15.1 M52477 TC7A M68150 MK15.3 MK15.4	MK15.1 M2477 TC7A M68150 MK15.3 MK15.4	MK15.1 M52477 TC7A M68150 MK15.3 MK15.4			TC7A M68150 MK15.3 MK15.4
-T/C Panel								
Additions	TC7 M52477	MK15.5 M on	TC7 To M52477 TC15.5 M on	TC7 To M52477 TC15.5 M on	TC7 To M52477 TC15.5 M on			TC15.5 M on
-Cabless		MK15.3 MK15.6 MK15.7	MK15.3 MK15.6 MK15.7	MK15.3 MK15.6 MK15.7	MK15.3 MK15.6 MK15.7			MK15.3 MK15.6 MK15.7
-German		MK15.9 M on	MK15.9 M on	MK15.9 M on	MK15.9 M on			MK15.9 M on

Description	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Starter Motor								
-M45	MK5 M20865		MK5 M43152	MK5 M43152		MK5 M16224		
-CA45 External	MK6		MK6	MK6	MK6	MK6		
Internal	MK7 T98999		MK7 T98999	MK7 T98999	MK7 T98999	MK7 T98999		
-M50	MK7.1E38TD32296 MK7.2	MK7.1E38TD32296 MK7.2	MK7.1E38TD32296 MK7.2	MK7.1E38TD32296 MK7.2	MK7.1E38TD32296 MK7.2		MK7.1E38TD32296 MK7.2	MK7.1E38TD32296 MK7.2
Tractometer	MK13 M20485 MK11 T98999 MK11.1	MK11.1	MK13 M41419 MK11 T98999 MK11.1	MK11 T98999 MK11.1	MK14 T98999 MK11.1	MK11	MK11.1	MK11.1
Voltage Regulator	MK8 T98999 MK15 M50414 MK15.1 M52477 MK8.1 E51553	MK8.1	MK8 T98999 MK15 M50414 MK15.1 M52477 MK8.1 E51553	MK8 T98999 MK15 M50414 MK15.1 M52477 MK8.1 E51553	MK8 T98999 MK15 M50414 MK15.1 M52477 MK8.1 E51553	MK8 T98999	MK15 M50414 MK15 MK52477 MK8.1 E51553	MK8.1 E51533
Wiring Harness -Engine	MK1 T98999 MK2.1 M52477 MK2.2	MK2.2	MK1 T98999 MK2.1 M52477 MK2.2	MK2 T98999 MK2.1 M52477 MK2.2	MK2 T98999 MK2.1 M52477 MK2.2	MK2	MK2.1 M52477 MK2.2	MK2.2
-Engine(Opt 15 ACR Alt)	MK4.4 E51533	MK4.4 E51553	MK4.4 E51553	MK4.4 E51553	MK4.4 E51553			MK4.4 E51553
-Panel	MK1 M20485 From M61767 MK2.2	From M61767 MK2.2 M68150 MK15.3 MK15.4	MK1 M41419 From M61767 MK2.2 M68150 MK15.3 MK15.4	From M61767 MK2.2 M68150 MK15.3 MK15.4	See 3 T98999 From M61767 MK2.2 M68150 MK15.3 MK15.4		From M61767 MK2.2 M68150 MK15.3	From M61767 MK2.2 M68150 MK15.3 MK15.4
-Hazard Warning - U.K.		MK15.8	MK15.8	MK15.8	MK15.8			MK15.8
- German		MK15.9	MK15.9					MK15.9

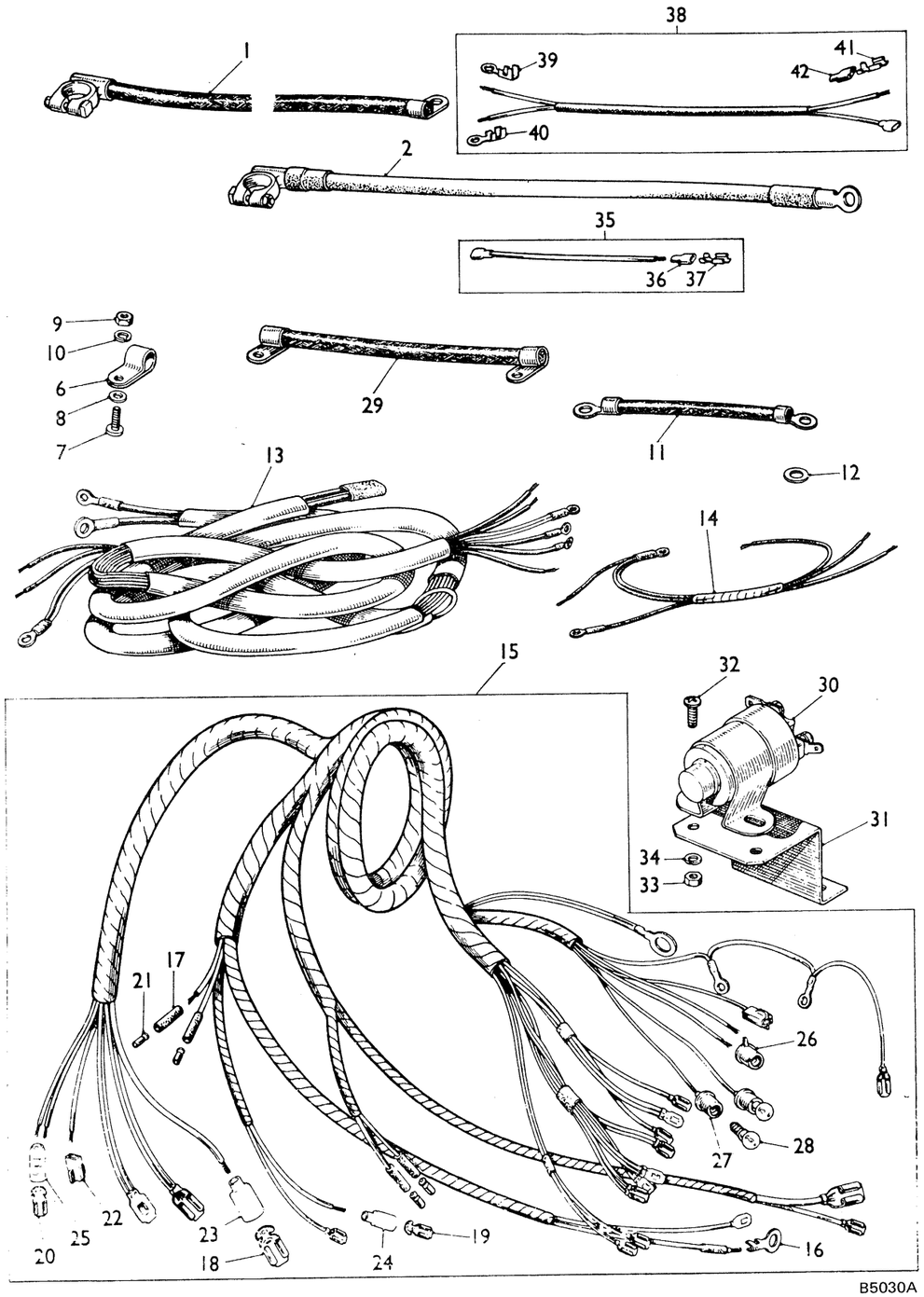
MK 1 WIRING HARNESS 3 CYLINDER



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	L15/136 ATJ 8683	To T91288	Earth Lead	....	1
2	ATJ 8331	....	Battery Lead	....	1
6	PCR 0709 PCR 709	Superseded	Clip	....	1
7	PWZ 0308	....	Screw	....	1
8	PWZ 103	....	Washer	....	1
9	FNZ 103	....	Nut	....	1
10	LWZ 203 1416/0003	Superseded	Washer	....	1
11	ATJ 2079	....	Earth Lead	....	1
	ATJ 8503	....	Earth Lead	Heavy Duty Starter	1
12	PWZ 106 1411/0003	Superseded	Washer	....	1
13	ATJ 8495	....	Main Harness-5 speed Gearbox	....	1
14	ATJ 8329	....	Panel Harness-5 Speed Gearbox	....	1
15	ATJ 8559	....	Main Harness-10 Speed Gearbox	....	1
16	17H 5288	....	Eyelet	....	1
17	2H 3406	....	Connector	2 Way	4
18	47H 5419	....	Connector-Lucar-35amp	....	4
19	47H 5496	....	Connector-Lucar-17amp	....	11
20	47H 5499 RTC 220	Superseded	Connector-Lucar-17.5 DBC	....	5
21	2H 2704 3632	Superseded	Nipple	....	4
22	BMK 449	....	Sleeve-Index	....	2
23	5L 289	....	Sleeve-Lucar	....	4
24	5L 286 511269	Superseded	Sleeve-Lucar	....	8
25	5L 287	....	Sleeve-Index	....	5
26	57H 5445	....	Adapter	....	1
27	57H 5206 13H 1927	Superseded	Adapter	....	2
28	BFS 987	....	Bulb	....	3
29	ATJ 8503	....	Earth Lead	Heavy Duty Starter	1
30	13H 1605 13H 5773	Superseded	Relay	....	1

MK 1 WIRING HARNESS 3 CYLINDER

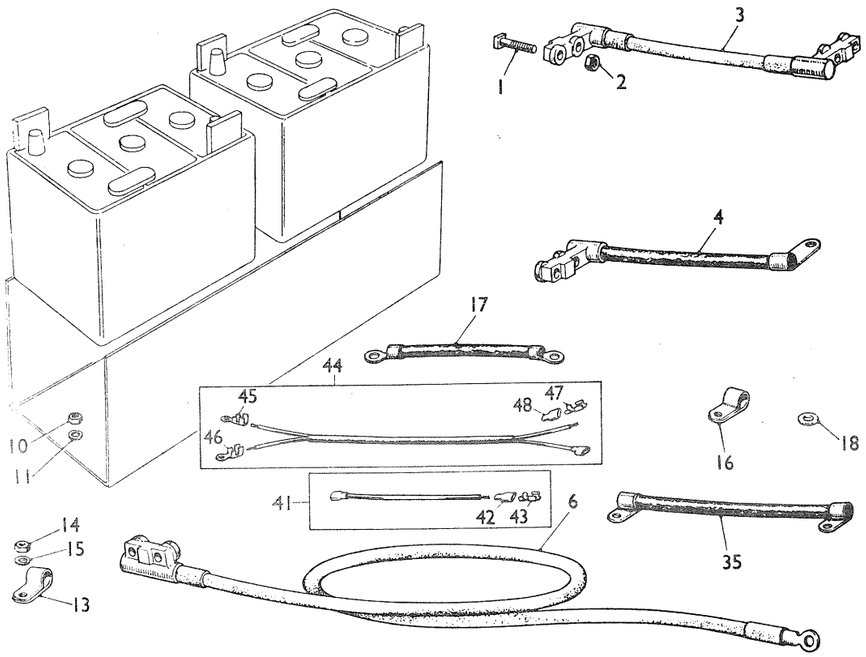
110M **ISSUE** 1

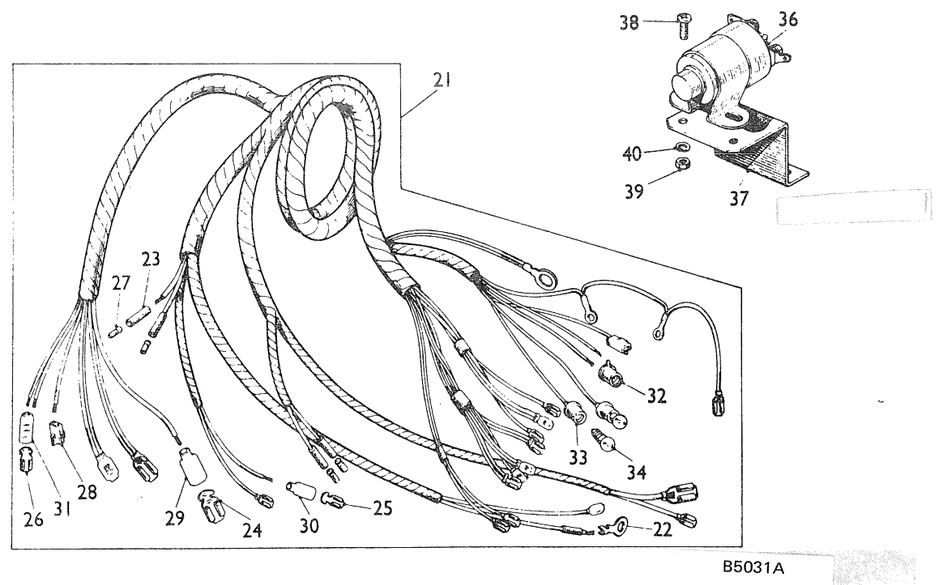


B5030A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	ATJ 8508	....	Bracket	....	1
32	PMZ 0306	....	Screw	....	4
33	FNZ 103	....	Nut	....	4
34	LWZ 203	....	Washer	....	4
35	ATJ 8571	....	Cable	....	1
36	5L 286 511269	Superseded	Sleeve-Lucar	....	1
37	47H5496	....	Connector-Lucar-17 amp	....	1
38	ATJ 8572	....	Cable	....	1
39	37H 5128	....	Eyelet	....	1
40	17H 5287	....	Eyelet	....	1
41	47H 5419	....	Connector-Lucar-35 amp	....	1
42	5L 289	....	Lucar	....	1

MK 2 WIRING HARNESS

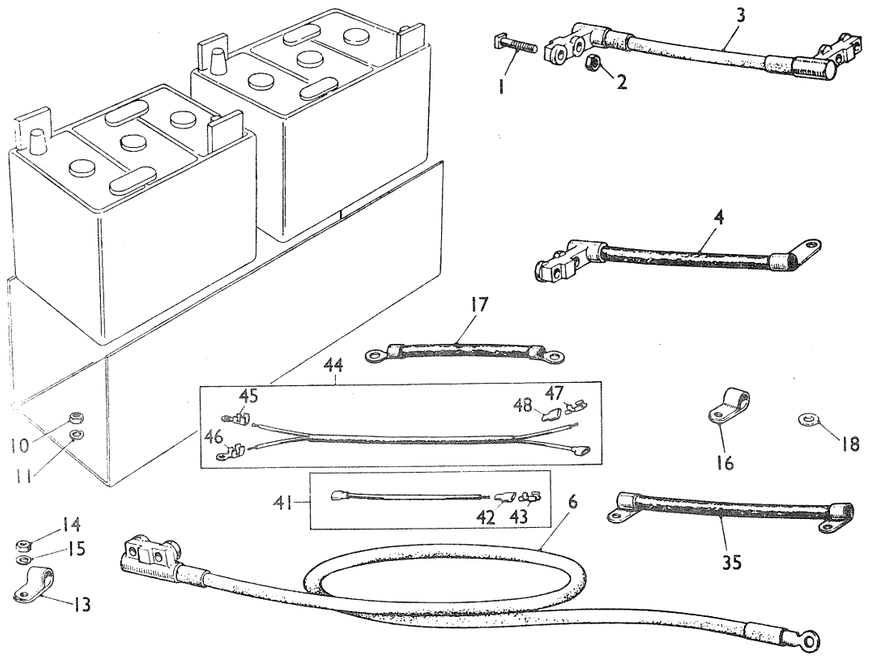


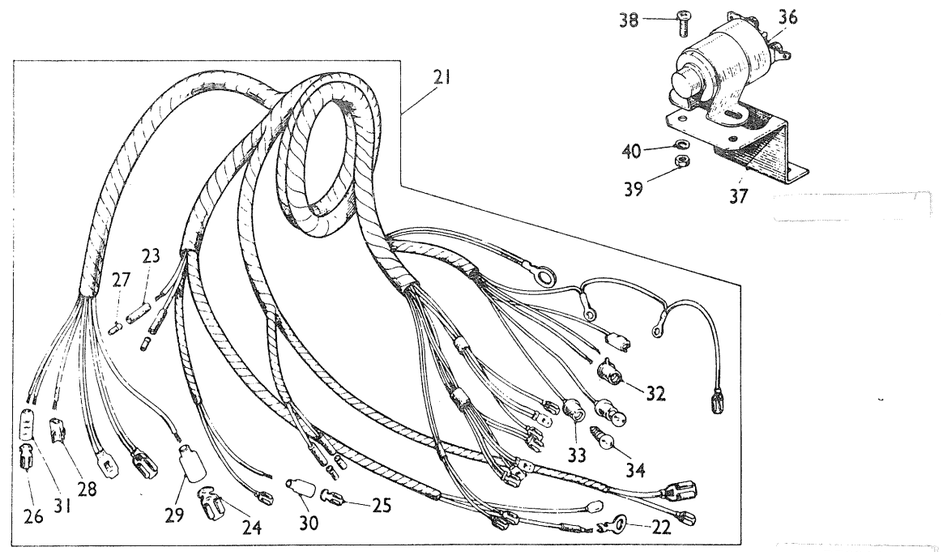


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	27H 2124 27H 8709 37H 4307	Superseded Superseded	Bolt	....	8
2	NT 6994 27H 8710	Superseded	Nut	....	8
	N.S.P.	....	Washer	....	8
3	NT 6984 703/08400	Superseded	Link	....	1
4	L17/261 ATJ 8684	To T 91475	Lead-Battery Earth	....	1
6	ATJ 8311	....	Lead	....	1
10	FNZ 105 1340/0101	Superseded	Nut	....	1
11	LWZ 205 WL 600051 1416/0005	Superseded Superseded	Washer	....	1
13	PCR 0709 PCR 709	Superseded	Clip	....	1
14	FNZ 104 1340/0001	Superseded	Nut	....	1
15	LWZ 204 1416/0004	Superseded	Washer	....	1
16	PCR 0609	....	Clip	....	2
17	ATJ 2079 ATJ 8503	To M42383	Lead-Starter Earth	JCB 3C	1
	ATJ 2079 ATJ 8503	To M16220	Lead-Starter Earth	JCB 4C	1
18	PWN 106 1411/0003	Superseded	Washer	....	1
21	ATJ 8559	....	Engine Harness	....	1
	ATJ 8774	....	Engine Harness	JCB 3D only	1
22	17H 5288	....	:Eyelet	....	1
23	2H 3406	....	:Connector	2 Way	4
24	47H 5419	....	:Connector-Lucar	35 amp	4
25	47H 5496	....	:Connector-Lucar	17amp	11
26	47H 5499 RTC 220	Superseded	:Connector-Lucar	17-5 D.B.C.	5
27	2H 2704 3632	Superseded	:Nipple	....	4
28	BMK 449	....	:Sleeve-Index	....	2
29	5L 289	....	:Sleeve-Lucar	....	4
30	5L 286 511269	Superseded	:Sleeve-Lucar	....	8

MK 2 WIRING HARNESS

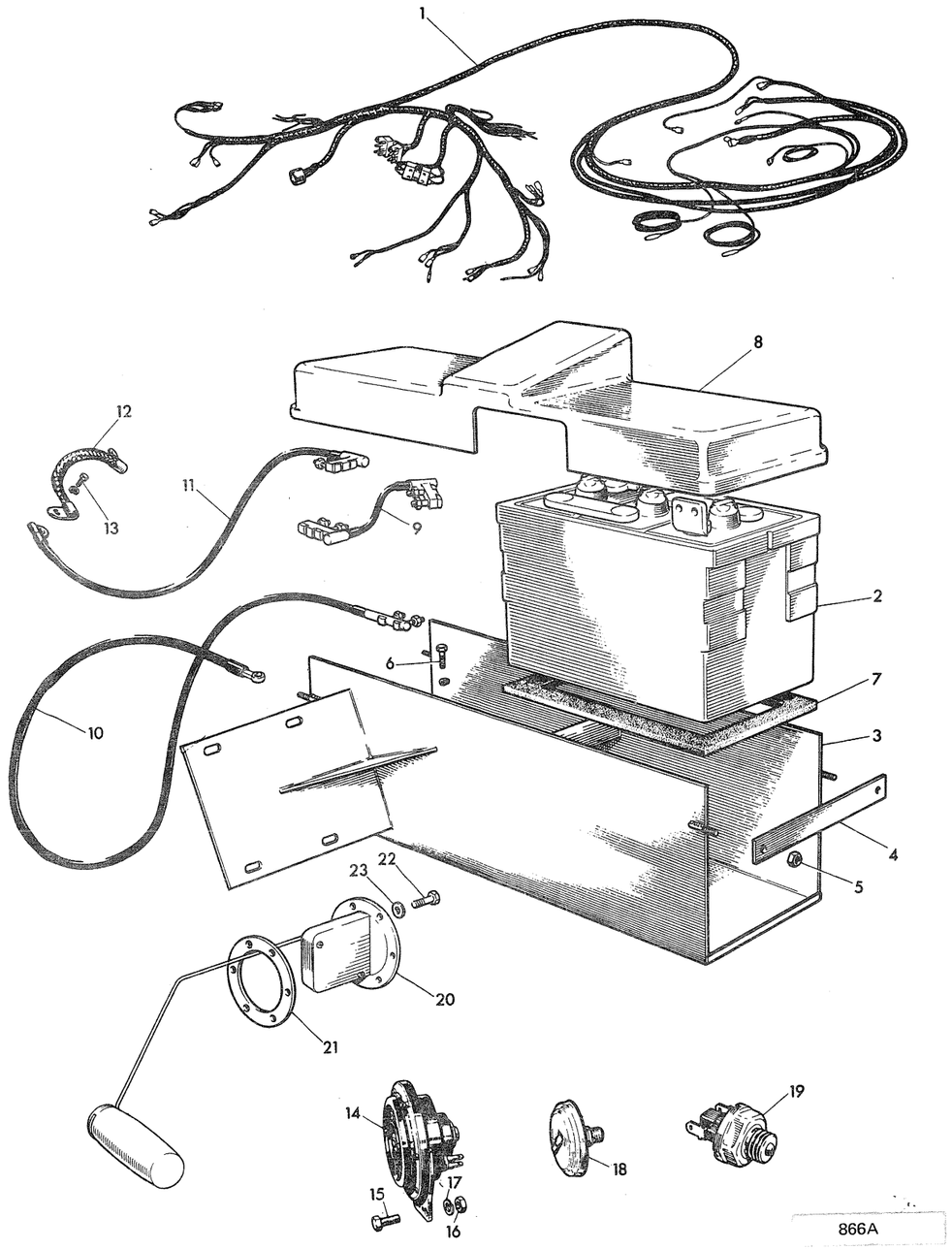
110M **ISSUE** 2



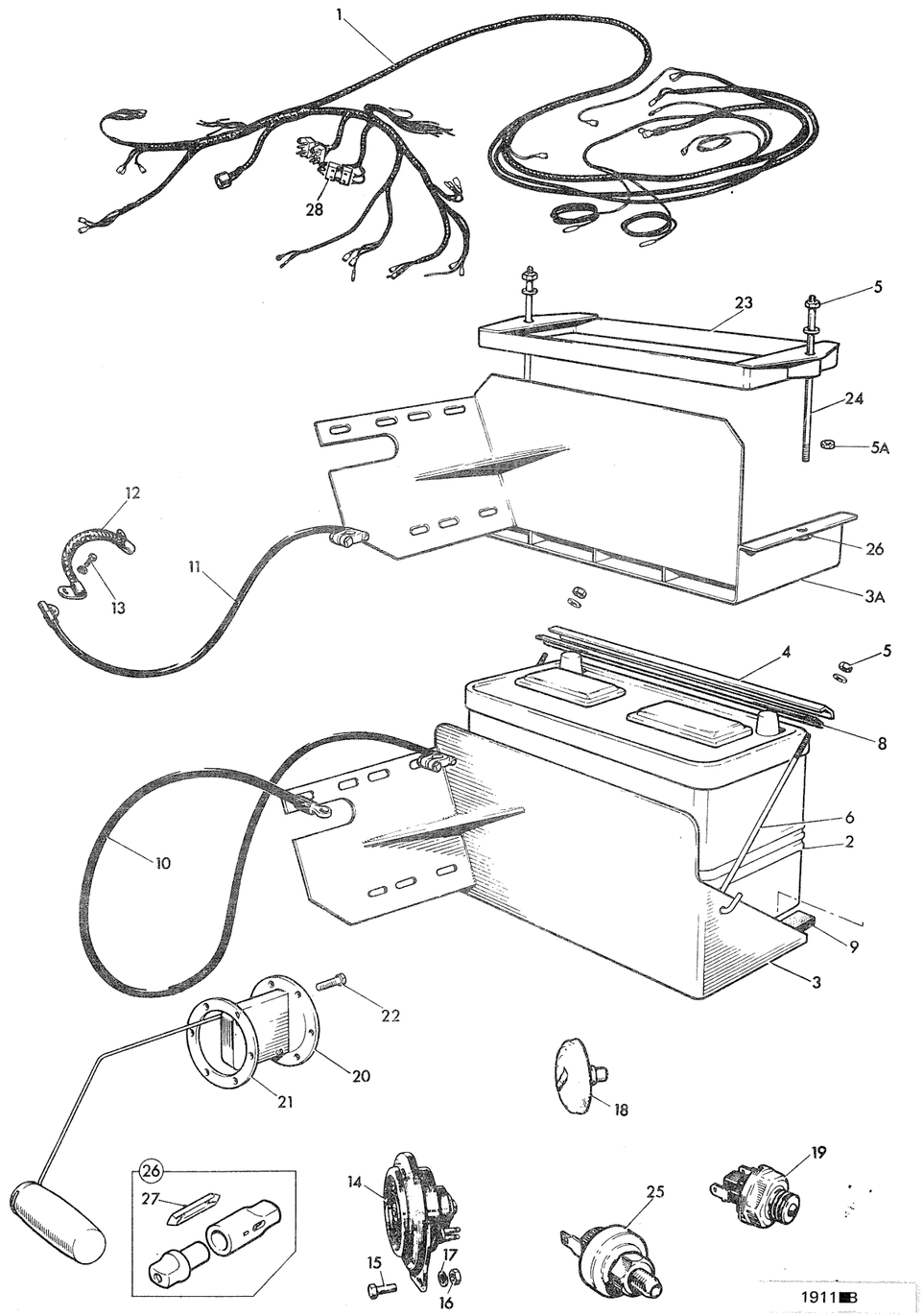


B5031A

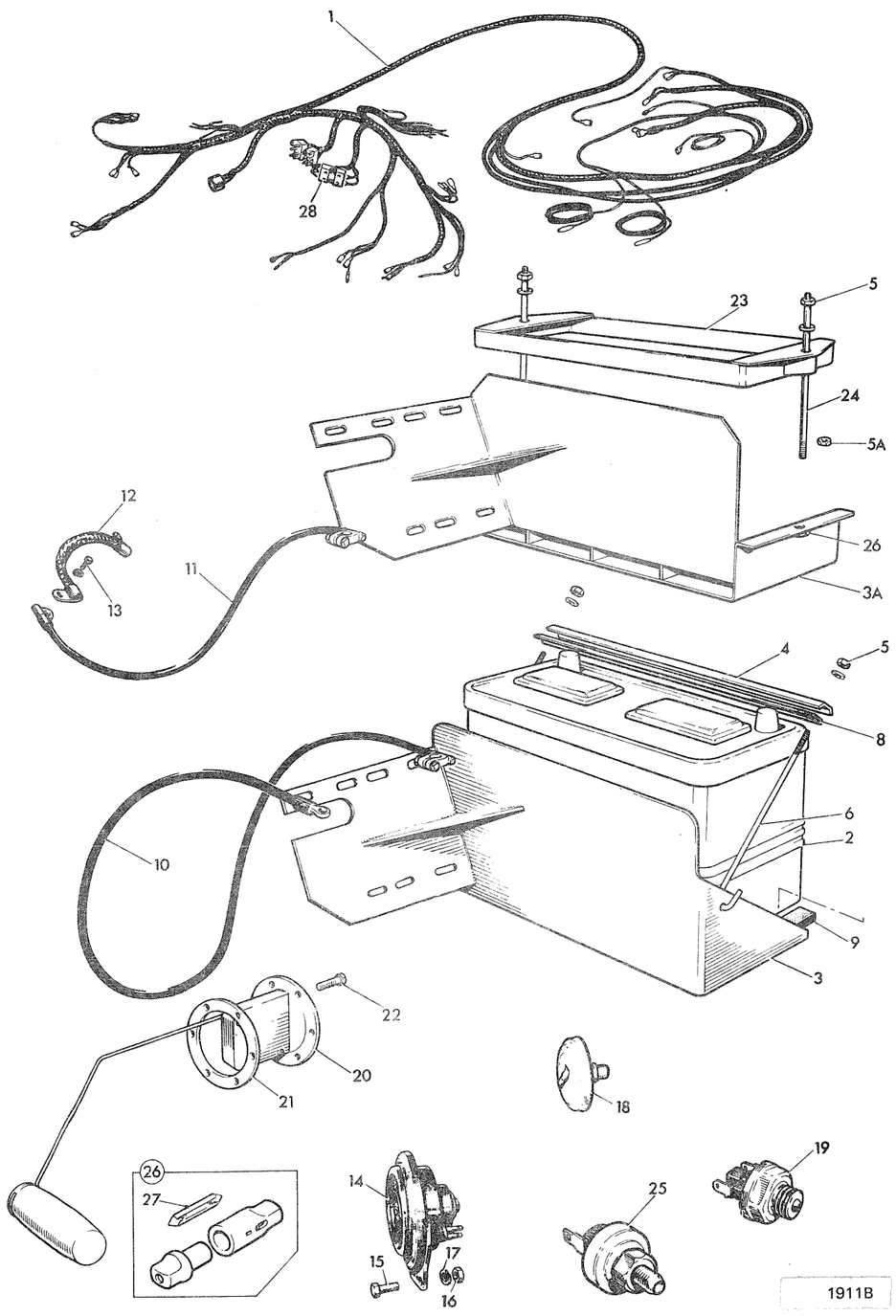
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	5L 287	....	:Sleeve-Index	....	5
32	57H 5445	....	:Adapter	....	1
33	57H 5206 13H 1927	Superseded	:Adapter	....	2
34	BFS 987 GLB 987	Superseded	:Bulb	....	3
35	ATJ 8503	....	Lead-Starter Earth	....	1
36	13H 1605 13H 5773	Superseded	Relay	....	1
37	ATJ 8508	....	Bracket	....	1
38	PMZ 0306	....	Screw	....	4
39	FNZ 103	....	Nut	....	4
40	LWZ 203 1416/0003	Superseded	Washer	....	4
41	ATJ 8571	....	Cable	....	1
42	5L 286 511269	Superseded	Sleeve-Lucar	....	1
43	47H 5496	....	Connector-Lucar	17amp	1
44	ATJ 8572	....	Cable	....	1
45	37H 5128 17H 5288	Superseded	Eyelet	....	1
46	17H 5287	....	Eyelet	....	1
47	47H 5419	....	Connector-Lucar	35 amp	1
48	5L 289	....	Sleeve-Lucar	....	1
49	ATJ 3251	....	Cable	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	703/00300	....	Engine Harness	....	1
	703/10400	....	Auxiliary Panel Harness	Austrian	1
2	N.S.P.	....	Battery	Was 703/00100	2
3	102/40100	....	Battery Box	3 Cylinder	1
	106/41900	....	Battery Box	4 Cylinder	1
4	106/40007	....	Strap	....	2
5	1340/0002	....	Nut	....	4
	1411/0002	....	Washer	....	4
6	1305/0305	....	Bolt	....	4
	1412/0005	....	Washer	....	4
7	824/50010 824/50013 824/50024	Superseded Superseded	Pad	....	2
8	103/28011	....	Cover	....	1
9	703/08400	....	Link	....	1
10	703/08500	....	Lead	....	1
11	703/08200	....	Lead-Battery Earth	....	1
12	ATJ 8805	....	Lead-Starter Earth	....	1
13	HZS 0503 1305/0101	Superseded	Bolt	....	1
	LWZ 205 WL 600051 1416/0005	Superseded Superseded	Washer	....	1
14	13H 2782 707/10300	Superseded	Horn	....	1
15	HZS 0404 1305/0002	Superseded	Bolt	....	2
16	FNZ 104 1340/0001	Superseded	Nut	....	2
17	LWZ 204 1416/0004	Superseded	Washer	....	2
18	ATJ 8798 701/02500	Superseded	*Switch-Air Cleaner	....	1
19	13H 2024 713/01900	Superseded	Isolator Switch	....	1
20	703/01700	....	Fuel Tank Unit	....	1
21	103/77101	....	Gasket	....	1
22	1360/0204 1360/0203	Superseded	Bolt	....	6
23	1416/0003	....	Washer	....	6



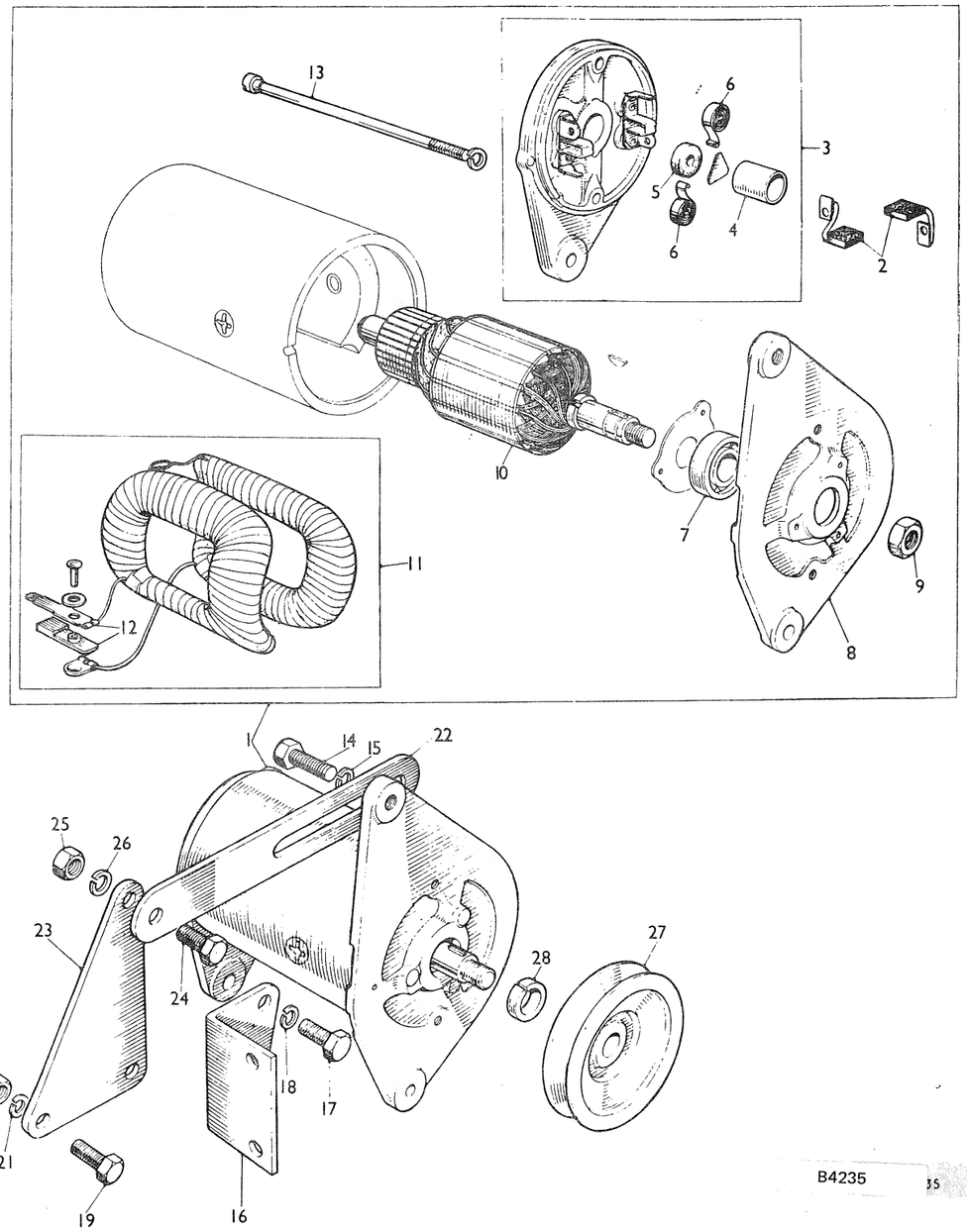
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	706/11700	To N118044	Engine Harness	Japan	1
	706/14000				
	703/14300	To M58333	Engine Harness	STD	1
	703/24800	To M61767			
	703/23500	To M66540			
	703/31900	To M68150			
	706/01300	To M118043			
	706/13800				
	703/14300	To M58333	Engine Harness	German,Austrian,Swiss	1
	703/24800	To M61767			
	703/23500	To M65094			
	703/31900	To M68150			
	706/01300	To M118043			
	706/13800				
	706/09200	To M118043	Engine Harness	Swedish	
	706/14400				
	From M61768		Panel Harness	....	1
	703/23600	To M66540			
	703/32000	To M68150			
	See MK 15-3				
	From M61768		Panel Harness	German,Austrian,Swiss	1
	703/23600	To M65094			
	703/32000	To M68150			
	See MK 15-3				
	703/15300	To M61767	Auxiliary Panel Harness	Austrian	1
2	703/11000	Superseded	Battery-Wet Charge	....	1
	703/11200				
	707/05100	Superseded	Battery-Wet Charge	Cold Climate	1
	708/00100				
	703/11200	....	Battery-Dry Charge	....	1
3	106/81300	....	Battery Carrier 2B	3 Cylinder Only	1
3A	106/94300	Superseded	Battery Carrier	....	1
	109/59700				
	108/57300	Superseded	Battery Carrier	Japan	1
	109/59800				
4	106/43101	To M51950	Clamp	....	1
	See item 23				
5	1340/0003	....	Nut	....	2
5A	1340/0002	....	Nut	....	2
	1410/0001	....	Washer	....	2
6	252/12401	To M51950	Rod	....	2
	See item 24				
7	1305/0305	....	Bolt	....	4
8	G76/5	Superseded	Rubber Strip	....	2
	824/50014				



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
9	824/50016	....	Rubber Strip	....	2
10	711/00200	....	Battery Lead	....	1
11	703/11100 703/19700	Superseded	Earth Lead	....	1
12	ATJ 8805	....	Starter Earth Lead	....	1
13	HZS 0503 1305/0101	Superseded	Bolt	....	2
	LWZ 205 WL600051 1416/005	Superseded Superseded	Washer	....	2
14	13H 2782 707/10300	Superseded	Horn	... .	1
15	HZS 0404 1305/0002	Superseded	Bolt	....	2
16	FNZ 104	....	Nut	....	2
17	LWZ 204 1416/0004	Superseded	Washer	....	2
18	ATJ 8798 701/02500	Superseded	*Air Cleaner Switch	....	1
19	13H 2024 713/01900	Superseded	Isolator Switch	....	1
20	703/01700 703/12600	To M51151	Fuel Tank Unit	....	1
21	103/77101	....	Gasket	....	1
22	1360/0203	....	Bolt	....	6
	1416/0003	....	Washer	....	6
23	106/81400	M51950 on	Clamp	....	1
24	1305/3050 252/24601	Superseded	Rod	....	2
	108/57201	....	Rod	.... Japan	1
	252/24601	....	Rod	....	1
25	711/00100	M52478 on	Oil Pressure Switch	....	1
26	990/36000	....	Inline Fuse Holder & Fuse	....	1
27	703/07802	....	:Fuse	....	1
28	ATJ 8802	....	Connector	....	1
29	826/00328	....	'P'Clip	....	1

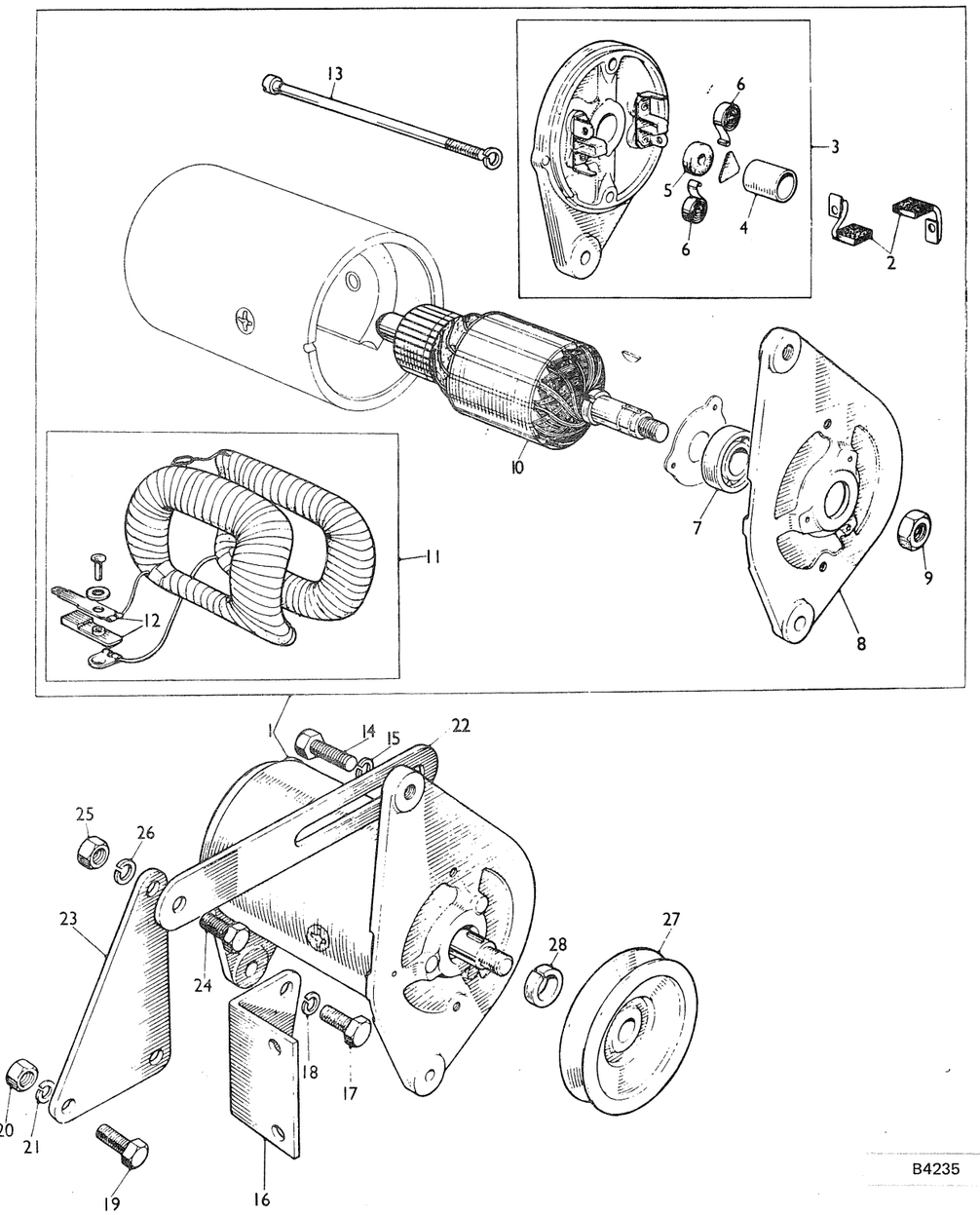
Note: 12 volt Exide 6 RHAZ 15L
12 volt Lucas ATV 15 T-8 Alternatives

MK 3 DYNAMO C40



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	BMK 960 37H 8231	Superseded	Dynamo Lucas C40	....	1
2	47H 5388 GGB 102	Superseded	:Brush Set	....	1
3	57H 5122	....	:Bracket	....	1
4	7H 5390	....	:Bush	....	1
5	47H 5394	....	:Oiler	....	1
6	47H 5389 RTC 466	Superseded	:Spring Set	....	1
7	17H 5043	....	:Bearing	....	1
8	57H 5121	....	:Bracket	....	1
9	FNN 207 1340/0301	Superseded	:Nut	....	1
10	17H 6969 37H 2985	Superseded	:Armature	....	1
11	57H 5341	....	:Field Coil	....	1
12	57H 5084 37H 3752	Superseded	:Terminal Set	....	1
13	17H 5217 242657	Superseded	:Bolt	....	1
	57H 5085 37H 6836	Superseded	:Sundry Parts	....	1set
14	NCS 0507 NCS 507	Superseded	Screw	....	1
15	LWN 305 1416/0005	Superseded	Washer	....	1
16	N.S.P.	....	Bracket	Was AMK 56	1
17	HNS 0506 HZS 506 1305/0104	Superseded Superseded	Bolt	....	2
18	LWN 305 1416/0005	Superseded	Washer	....	2
19	HNS 0508 HZS 508 1305/0106	Superseded Superseded	Bolt	....	2
20	FNN 505 FNZ 505	Superseded	Nut	....	2
21	LWN 305 1416/0005	Superseded	Washer	....	2
22	AMK 54	....	Link	....	1
23	AMK 55	....	Bracket	....	1
24	HNS 0607 1305/0205	Superseded	Bolt	....	1

MK 3 DYNAMO C40

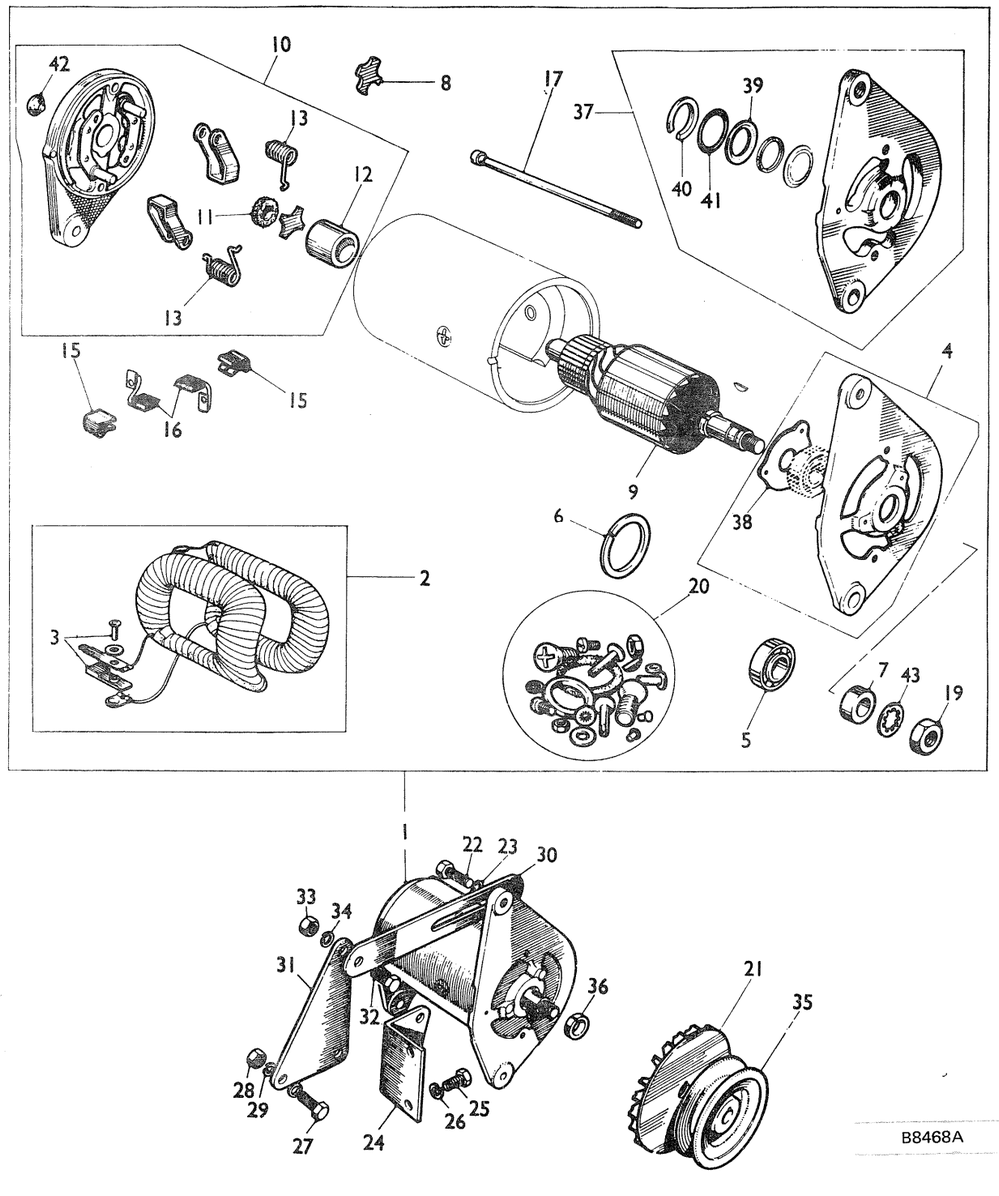


B4235

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
25	FNN 506 1340/0201	Superseded	Nut	....	1
26	LWN 306 1416/0006	Superseded	Washer	....	1
27	AMK 2886	....	Pulley	....	1
28	AMK 951	....	Distance Piece	....	As Reqd.

MK 4 DYNAMO C40T

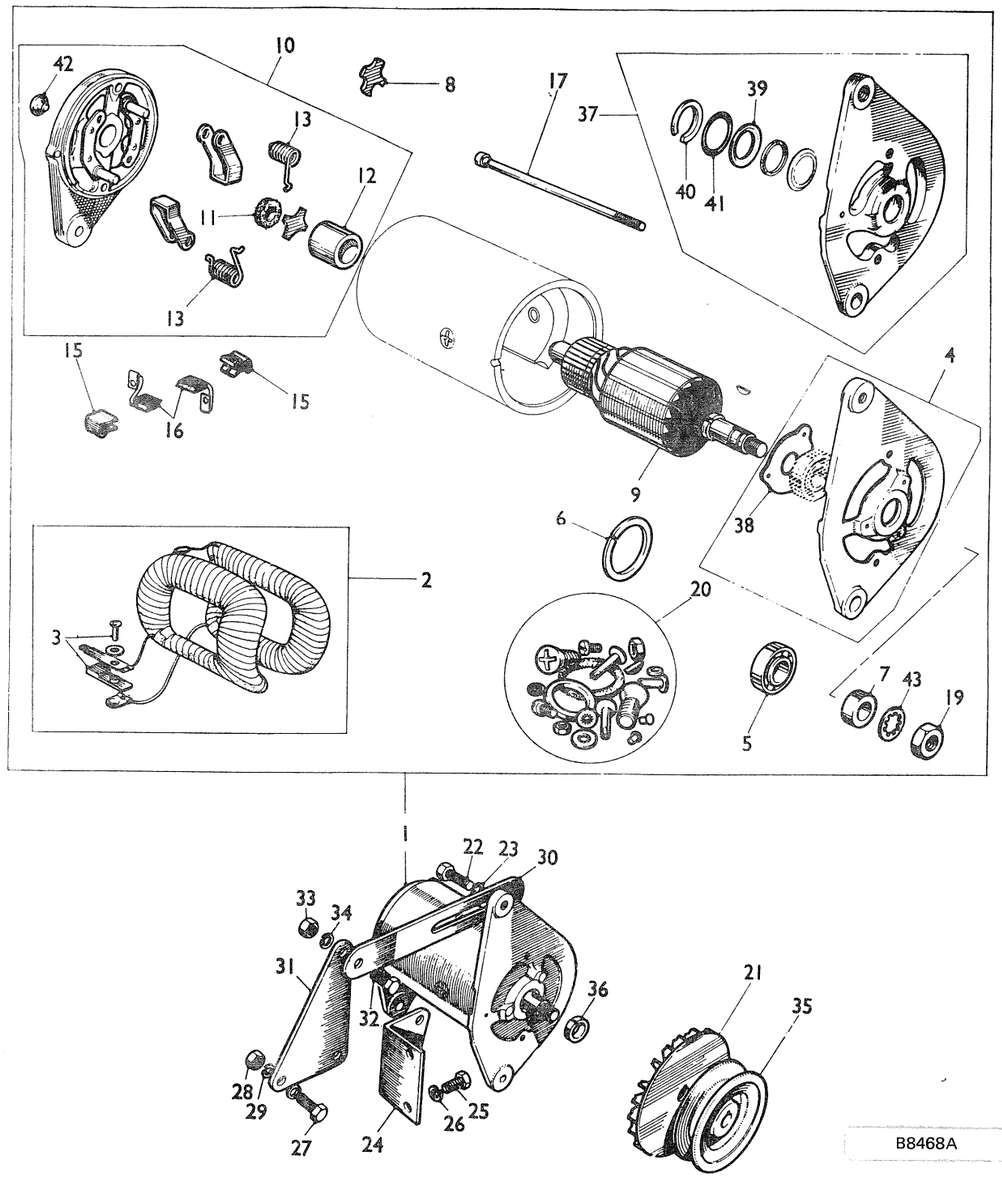
110M **ISSUE** 4



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	13H 1707 83H 544	Superseded	Dynamo(Lucas C40T)	A & B #	1
2	57H 5341 37H6787 607141	Superseded Superseded	:Field Coil	... .	1set
3	57H 5084 37H 3752	Superseded	:Terminal	....	1set
4	47H 5393 27H 7647	Superseded	:Bracket Drive End	A #	1
5	17H 5043 47H 5431	Superseded	:Bearing Drive End	....	1
6	27H 3798	....	:Retainer	....	1
7	27H 3548	....	:Collar	....	1
8	27H 3799	....	:Thrust Washer	....	1
9	17H 6969 37H 2985	Superseded	:Armature	....	1
10	27H 3795	....	:Bracket	....	1
11	47H 5394	....	:Oiler	....	1
12	7H 5390	....	:Bush	....	1
13	27H 3796 37H 6835 605060	Superseded Superseded	:Spring Set	....	1
15	N.S.P.	....	:Clip Brush	Was 27H 3792	2
16	27H 3793	....	:Brush Set	....	1
17	17H 5217 242675	Superseded	:Bolt	....	2
19	FNN 207 1340/0301	Superseded	:Nut	....	1
20	57H 5085 37H 6836	Superseded	:Sundry Parts	....	1
21	17D 11 13H 4584 988/00014	Superseded Superseded	Dynamo Fan	....	1
22	NCS 0507 NCS 507	*Superseded	Screw	....	1
23	LWN 305 1416/0005	Superseded	Washer	....	1
24	N.S.P.	....	Bracket	Was AMK 56	1
25	HNS 0506 HZS 506 1305/0104	Superseded Superseded	Bolt	....	2
26	LWN 305 1416/0005	Superseded	Washer	....	2

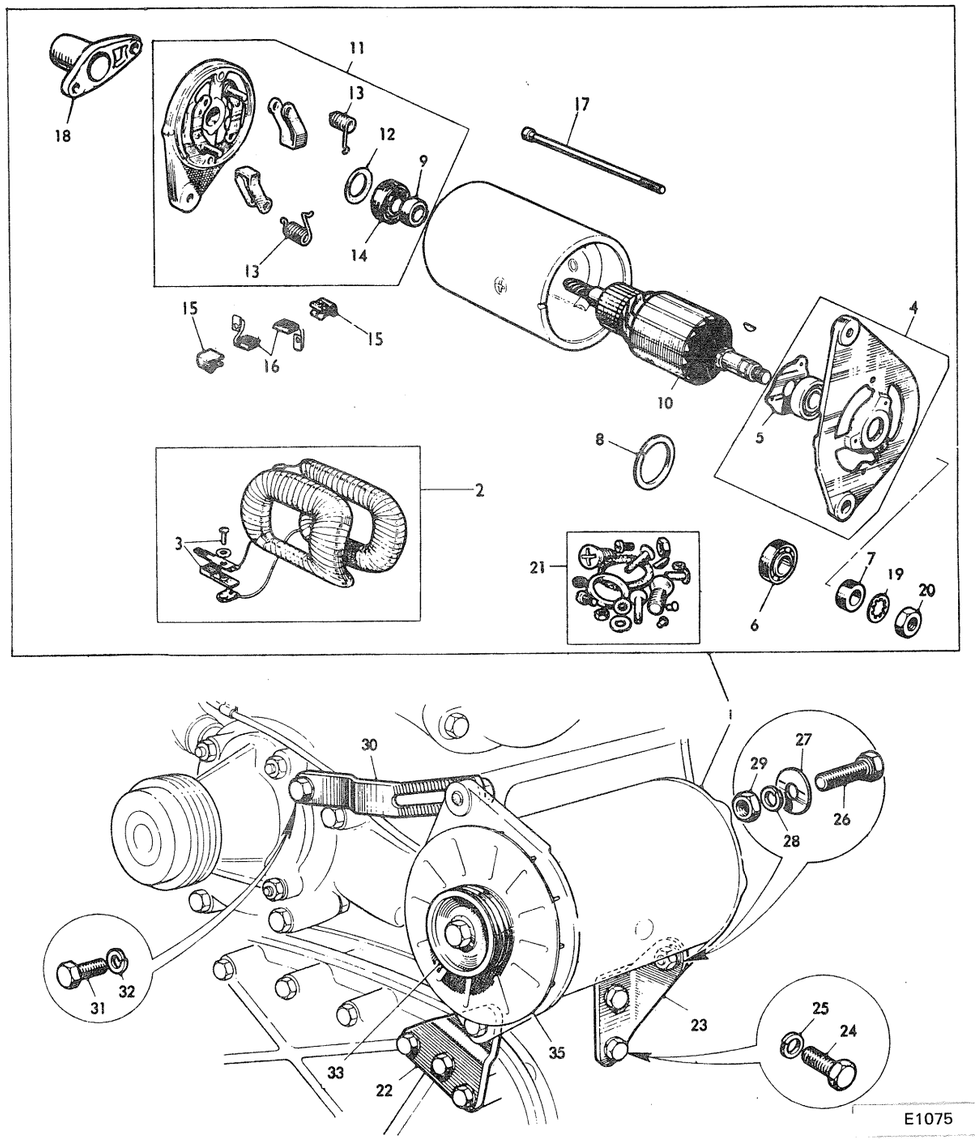
MK 4 DYNAMO C40T

110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
27	HNS 0508 HZS 508 1305/0106	Superseded Superseded	Bolt	....	2
28	FNN 505 FNZ 505 1340/0101	Superseded Superseded	Nut	....	2
29	LWN 305 1416/0005	Superseded	Washer	....	2
30	AMK 54	....	Link	....	1
31	N.S.P.	....	Bracket	Was AMK 55	1
32	HNS 0607 1305/0205	Superseded	Bolt	....	1
33	FNN 506 1340/0201	Superseded	Nut	....	1
34	LWN 306 1416/0006	Superseded	Washer	....	1
35	AMK 2886	....	Pulley	....	1
36	AMK 951	....	Distance Piece	....	As Reqd.
37	27H 7647	....	Bracket-Drive End	B #	1
38	27H 3546	....	Plate	A #	1
39	27H 3831	....	Plate	B #	1
40	27H 3830 37H 1878	Superseded	Circlip	B #	1
41	27H 3832	....	'O'Ring	B #	1
42	27H 5277	....	Oil Plug	B #	1
43	LWN 207 1416/0007	Superseded	Washer	....	1

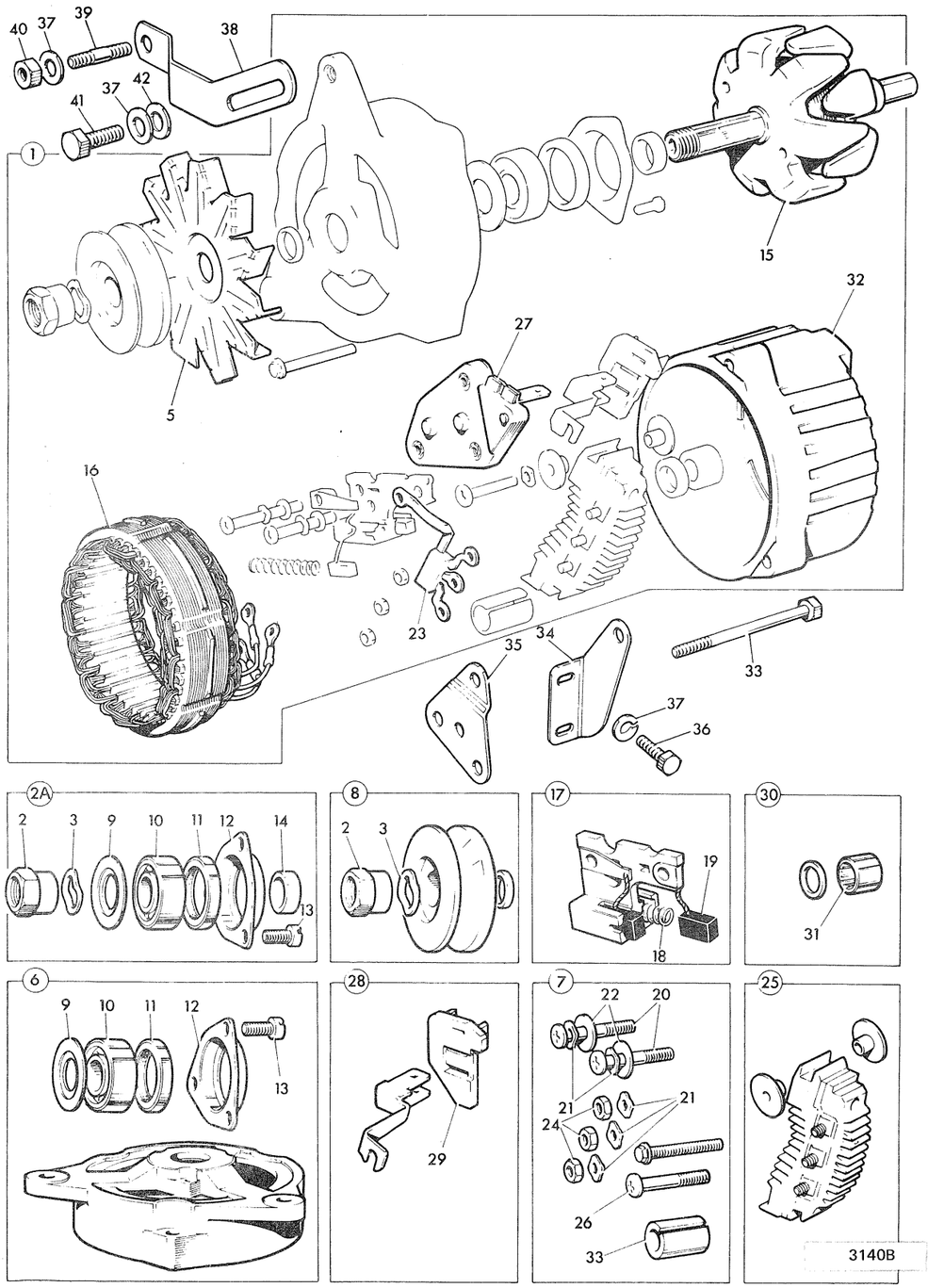
Refer to the Suffix Letter of the Manufacturers part no. stamped on the dynamo to ensure receiving correct part.



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	13H 4519 37H 2101 37H 4602 GEU 105	Superseded Superseded Superseded	Dynamo-Negative Return Dynamo-Positive Return	....	1
2	57H 5341 37H6787 607141	Superseded Superseded	:Field Coils	....	1set
3	57H 5084 37H 3752	Superseded	:Terminal	....	1set
4	37H 2106	....	:Bracket	....	1
5	37H 2105	....	:Bearing Retaining Plate	....	1
6	27H 6657 988/00025	Superseded	:Bearing	....	1
7	27H 8844	....	:Collar	....	1
8	27H 3798	....	:Ring	....	1
9	37H 2104	....	:Thrust Collar	....	1
10	54218417	....	:Armature	....	1
11	37H 2108	....	:Bracket	....	1
12	37H 2103	....	:Pressure Ring	....	1
13	27H 3796 37H 6835 605060	Superseded Superseded	:Bush Assembly	....	1set
14	37H 2102 988/00032	Superseded	:Bearing	....	1
15	N.S.P.	....	:Clip Brush	Was 37H 3792	2
16	27H 3793	....	:Brushes	....	1set
17	17H 5217 242675	Superseded	:Bolt	....	2
18	N.S.P.	....	:Cover	Was 27H 3791	1
19	LWZ 207 1416/0007	Superseded	:Washer	....	1
20	FNN 207 1340/0301	Superseded	:Nut	....	1
21	57H 5085 37H 6836	Superseded	:Sundry Parts	....	1set
22	CMK 2121 CMK 2122	Superseded	Bracket-Front	....	1
23	CMK 2128	....	Bracket-Rear	....	1
24	HNS 0506 HZS 506 1305/0104	Superseded Superseded	Bolt	....	2

MK 4–3 ALTERNATOR—AC DELCO DN 460

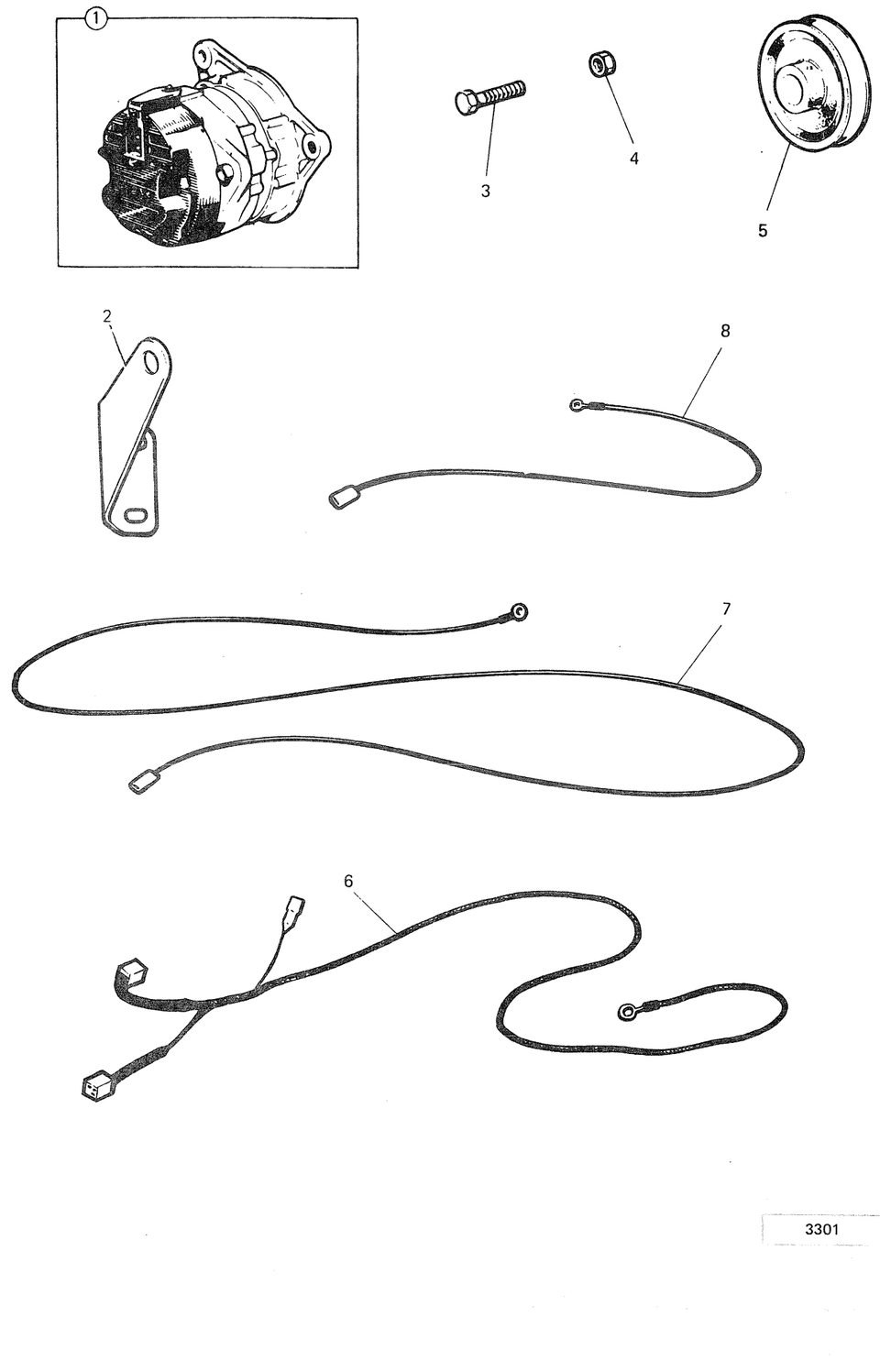
110M **ISSUE** 5*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
27	37H 8017 37H 8795	Superseded	:Regulator	....	1
28	7982793	....	:Kit	....	1
29	N.S.P.	....	::Terminal Block	....	1
30	7982723	....	:Bearing Kit	....	1
31	N.S.P.	....	::Bearing	....	1
32	37H 8014	....	:Frame	....	1
33	1305/3134	....	Bolt	....	1
34	37D 196	....	Bracket-Rear	....	1
35	CMK 2121	....	Bracket-Front	....	1
36	1305/0104	....	Bolt	....	2
37	1416/0005	... .	Washer	....	2
38	86K 890	....	Bracket	....	1
39	826/00577	....	*Stud	....	1
40	1340/0101	....	Nut	....	1
41	NCS 0507 NCS 507	Superseded	Bolt	....	1
42	WA108051	....	Washer	....	1

MK 4–4 ALTERNATOR 15 ACR

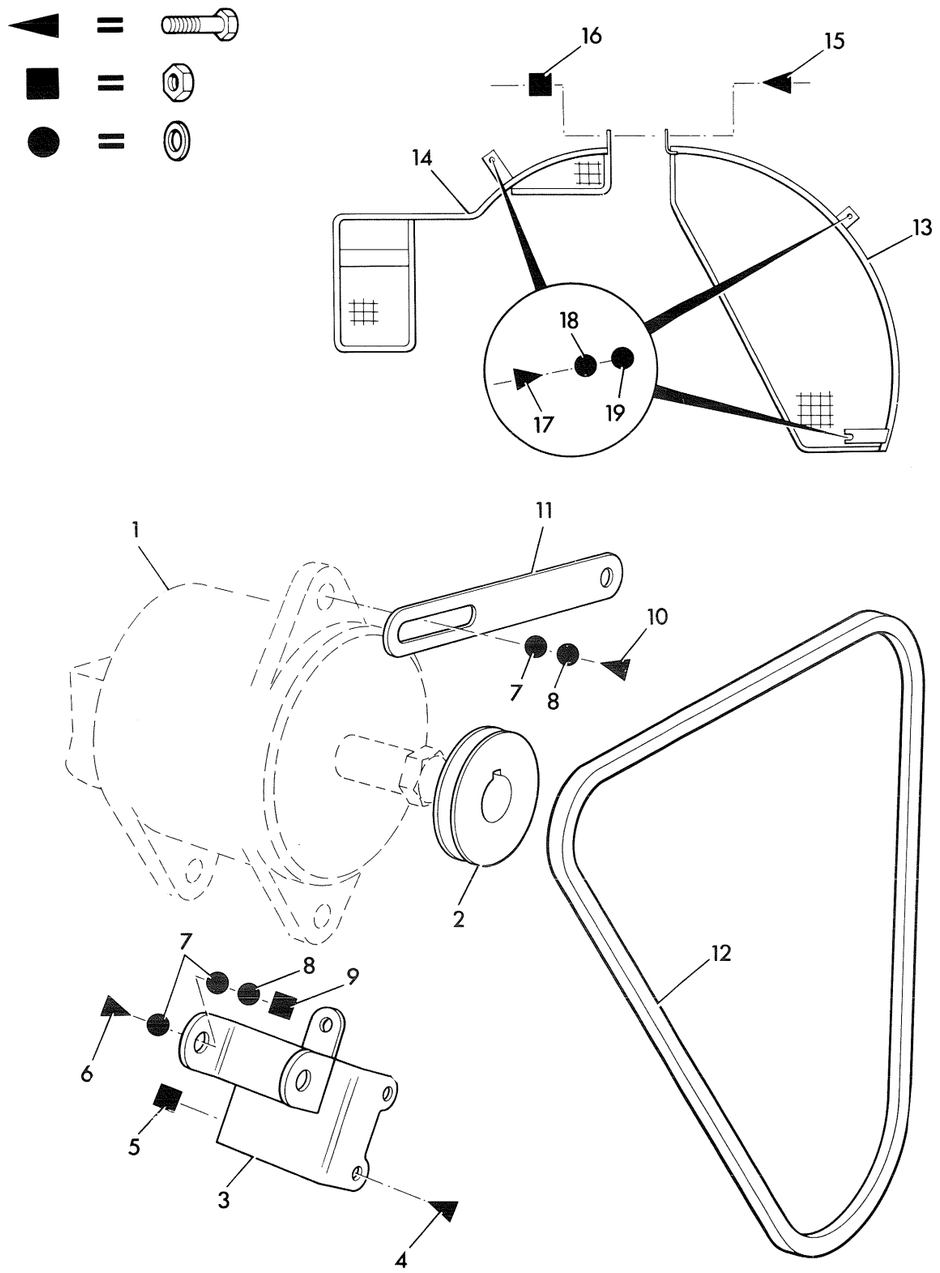
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	703/19900	....	Alternator	....	1
2	703/10601	....	Bracket	....	1
3	1305/3134	....	Bolt	....	1
4	1340/0103	....	Nut	....	1
5	AMK 2886	....	Pulley	....	1
6	703/20000	....	Engine Harness	....	1
7	703/10700	....	Wire-Alternator to Starter	....	1
8	703/10800	....	Earth Wire	....	1

MK 4–5 SEALED ALTERNATIVE INSTALLATION (OPTIONAL)

110M **ISSUE** 1

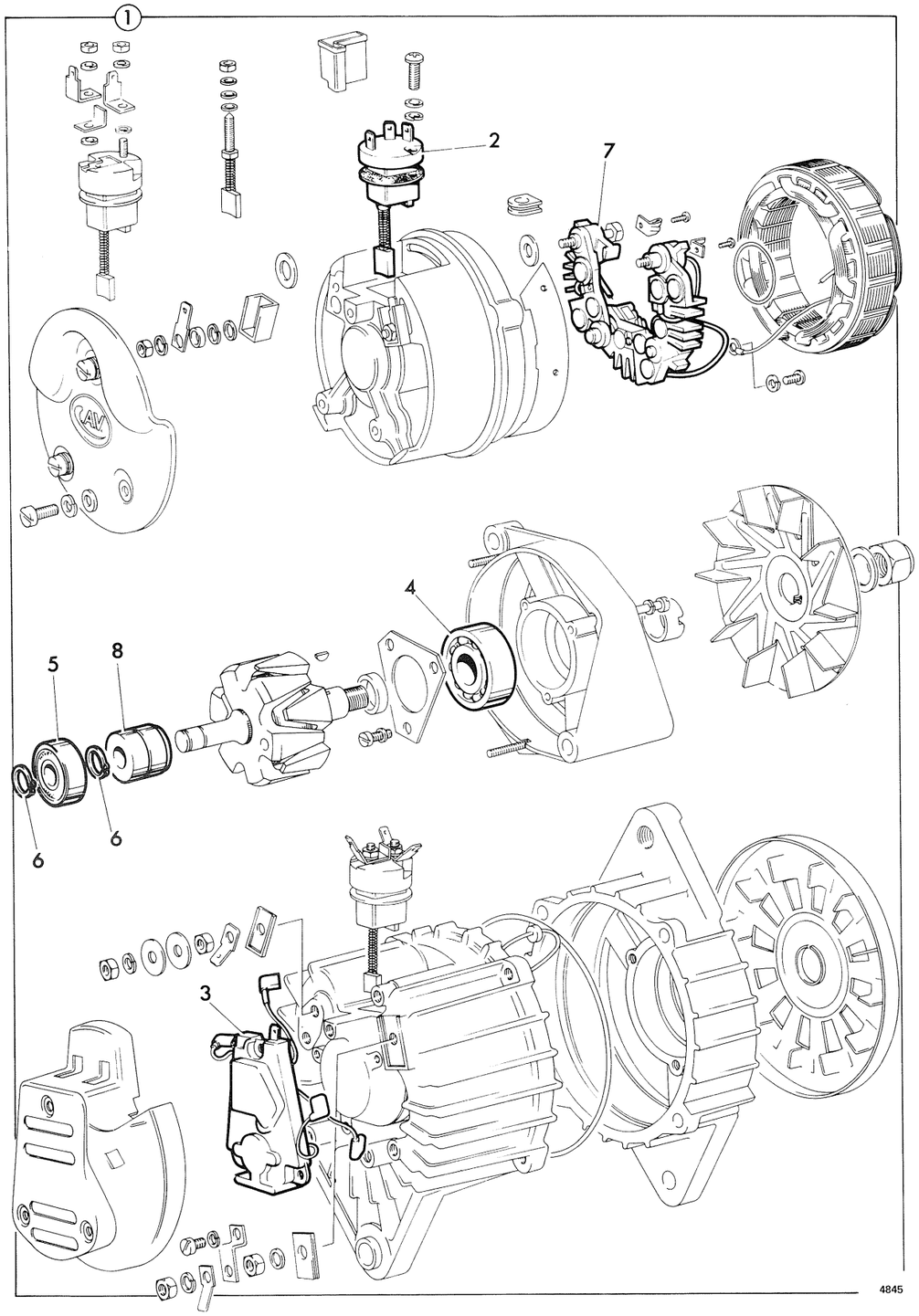


ITEM	PART No.	CHANGE No.		DESCRIPTION	REMARKS	QTY. m/c Assy.
1	See Index	....	....	Alternator	....	1
2	529/63201	....	....	Pulley	....	1
3	529/63300	....	....	Bracket	....	1
4	1305/3128	....	....	Bolt	....	2
5	1340/0103	....	....	Nut	....	2
6	1305/3412	...	....	Bolt	....	2
7	1411/0005	....	....	Washer	....	6
8	1416/0008	...	....	Washer	....	3
9	1340/0401	....	....	Nut	....	2
10	1305/1906	....	....	Bolt	....	1
11	529/63400	....	....	Bracket	....	
12	529/63202	....	....	Belt	....	1
13	529/63502	....	....	Guard L.H.	....	1
14	529/63501	....	....	Guard R.H.	....	1
15	1305/0004	....	....	Bolt	....	1
16	1340/0003	....	....	Nut	....	1
17	1305/0002	....	....	Bolt	....	4
18	1411/0001	....	....	Washer	....	4
19	1416/0004	....	....	Washer	....	4

MK 4–6 ALTERNATOR

4845

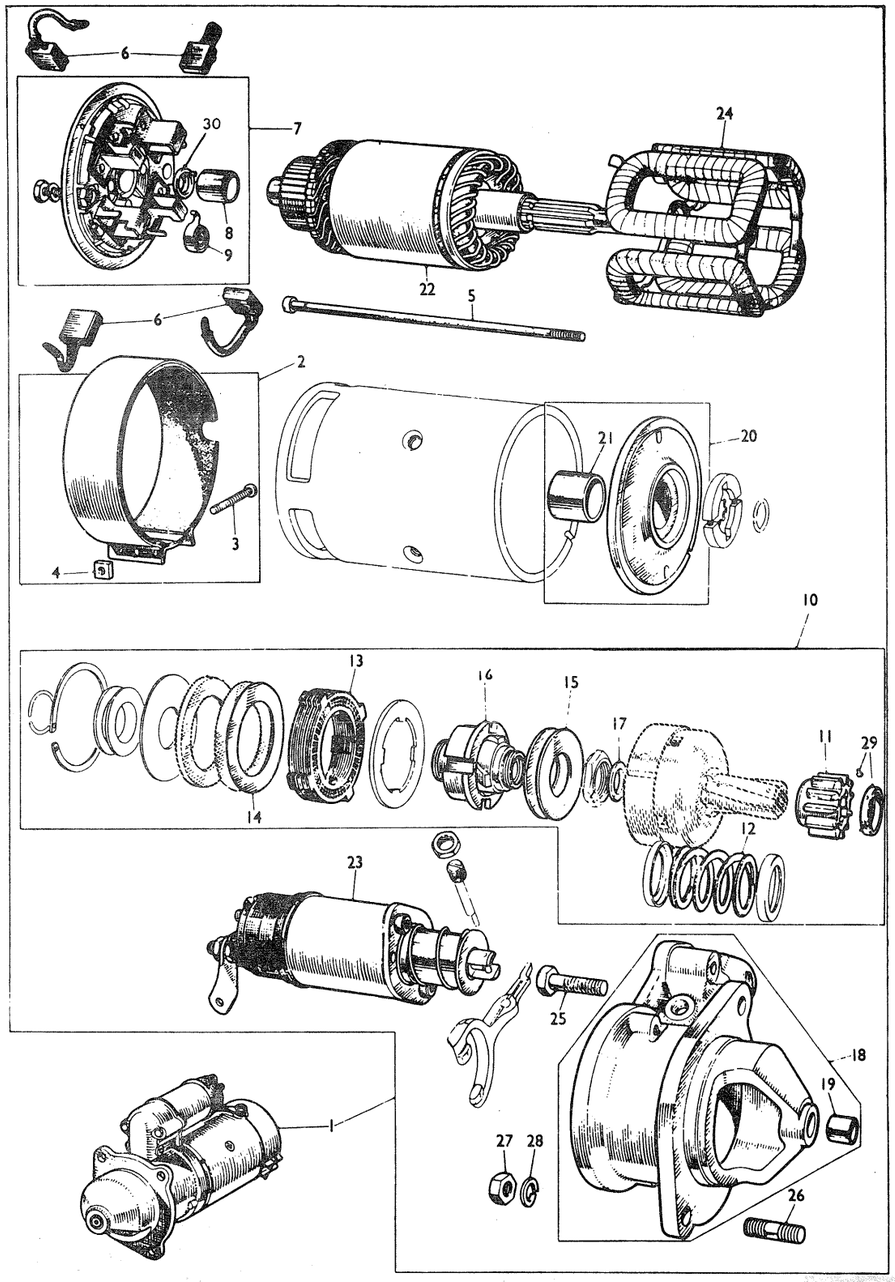
110M **ISSUE** 1



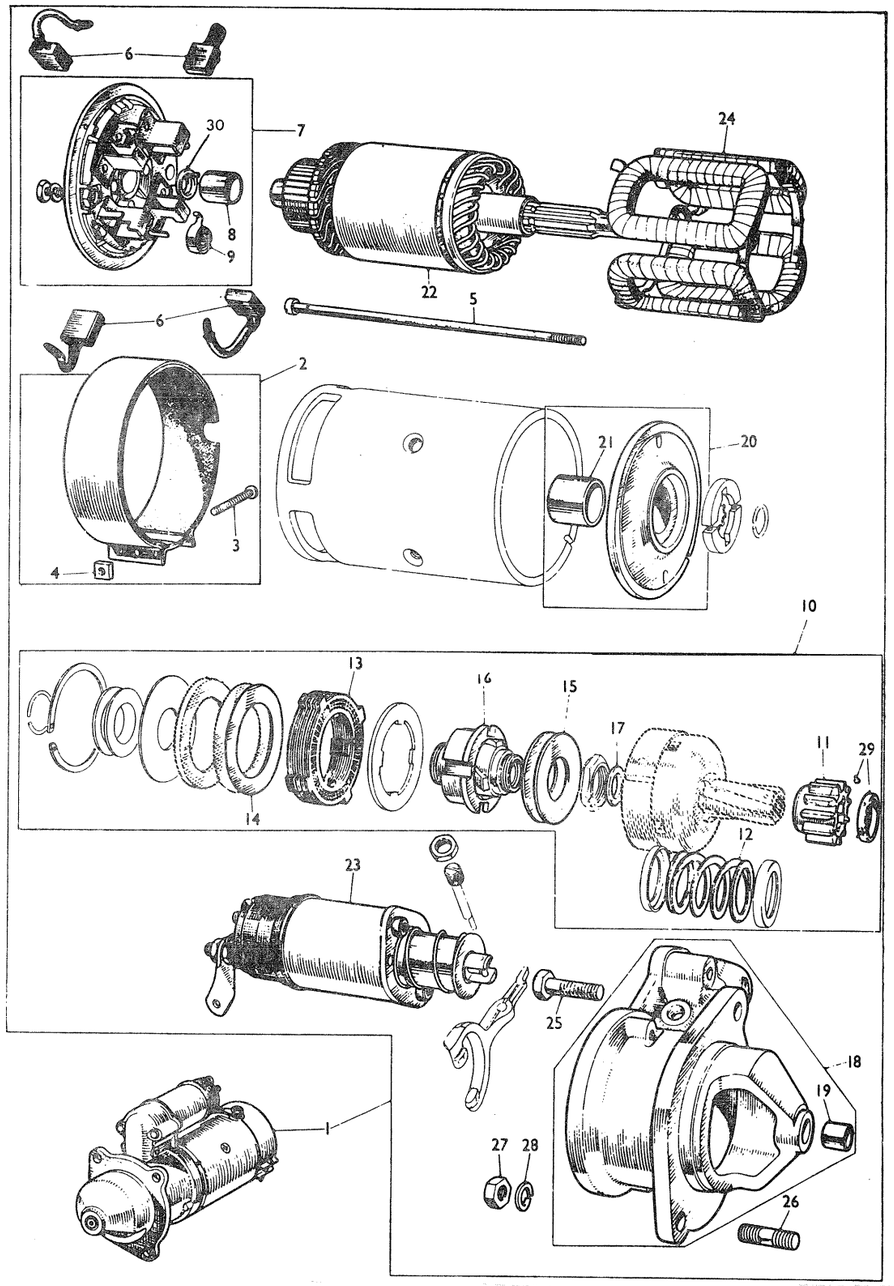
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	714/01400	....	Alternator	....	1
2	714/01401	....	:Holder & Brushes	....	1
3	714/01402	....	:Regulator	....	1
4	714/01403	....	:Bearing-Drive End	....	1
5	714/01404	....	:Bearing-Slip Ring End	....	1
6	714/01405	....	:Circlip	....	2
7	714/01406	....	:Heat Sink & Diodes	....	1
8	714/01407	....	:Slip Ring	....	1

MK 5 STARTER MOTOR

110M **ISSUE** 4*



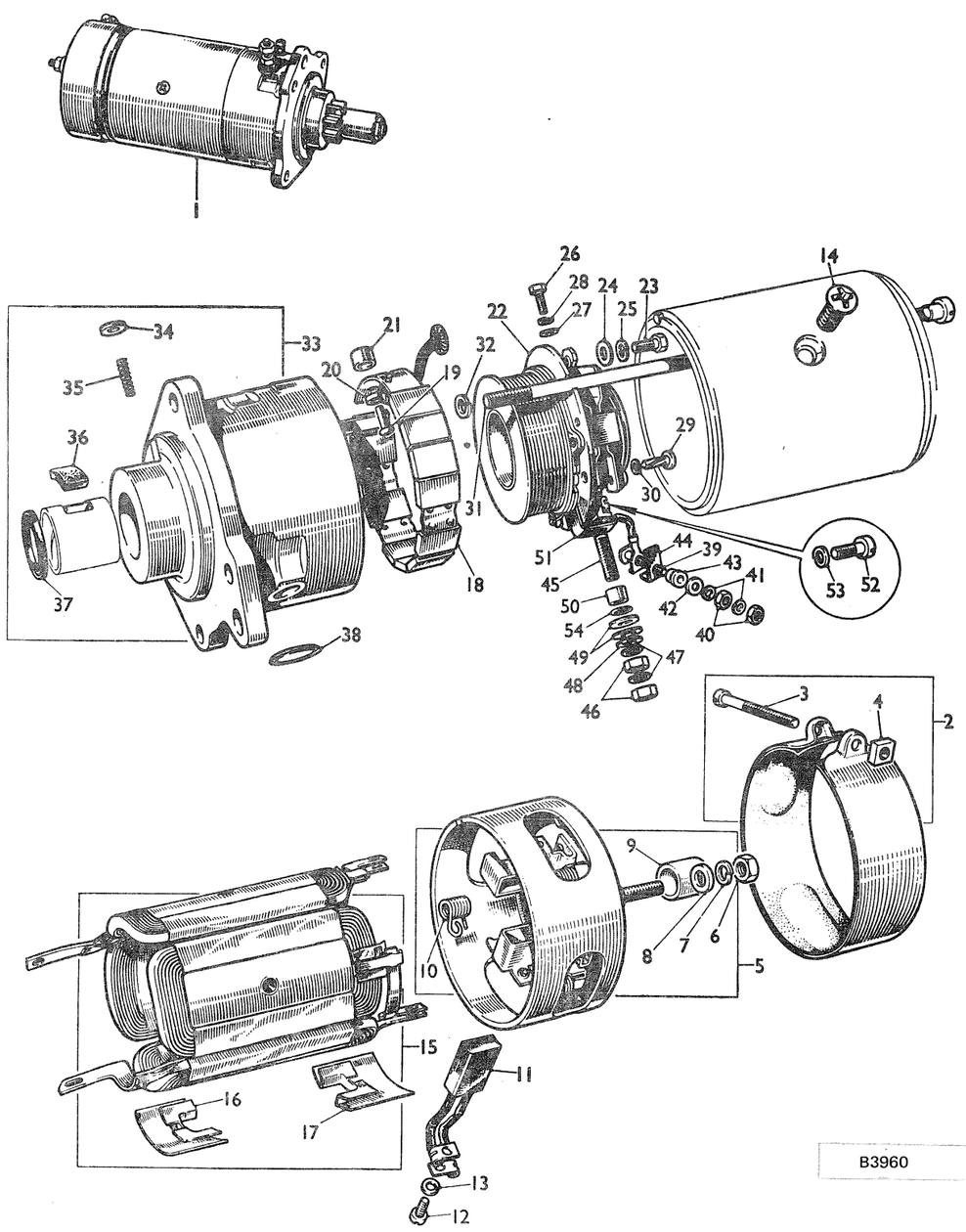
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	BMK 1032 GEU 460	Superseded	Starter Assembly	....	1
2	27H 5327	....	:Band Cover	....	1
3	N.S.P.	....	:Screw	....	1
4	AJD 8612	....	::Nut	....	4
5	57H 5389 17H 8696	Superseded	:Bolt	....	2
6	37H 5030 GSB 101	Superseded	:Brush Set	....	1
7	57H 5388	....	:Bracket	....	1
8	7H 5004 242958	Superseded	*::Bush	....	1
9	709/02817	....	*::Spring	....	1set
10	27H 5528 37H8385	Superseded	:Drive	Includes items 11 to 17 and 29	1
11	17H 8846 17H 8845	Superseded	::Pinion	....	1
12	17H 8745	....	::Spring	....	
13	37H 5041	....	::Clutch Plate	....	1set
14	37H 5035	....	::Shim .006in.(.152 mm)	....	As Reqd.
	37H 5036	....	::Shim.005in.(.127mm)	....	As Reqd.
	37H 5037	....	::Shim.004in.(012 mm)	....	As Reqd.
15	27H 5329	....	::Pressure Plate	....	2
16	27H 5333	....	::Sleeve and Bush	....	1
17	27H 5334	....	::Thrust Washer	....	1
18	N.S.P.	....	:Housing	....	1
19	57H 5277	....	::Bush	....	1
20	57H 5278 988/00036	Superseded	:Brake Bracket	....	1
21	57H 5279	....	::Bush	....	1
22	57H 5280	....	:Armature	....	1
23	27H 5532 RTC 460	Superseded	:Solenoid	....	1
24	27H 5326 279010	Superseded	:Field Coil	....	1set
	37H 5028 270251	Superseded	:Sundry Parts	....	1set



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
25	HBN 0711 HNS 711 1305/0309	Superseded Superseded	Bolt	....	2
26	AMK 1937 FHS 0713	Superseded	Stud	....	1
27	FNN 607 1340/0302	Superseded	Nut	....	1
28	LWN 307	....	Washer	....	3
29	27H 4372	....	Ring and Rivet	....	1
30	37H 3734	....	Oil Seal Bracket -Commuter End	....	1

MK 6 STARTER MOTOR CA45

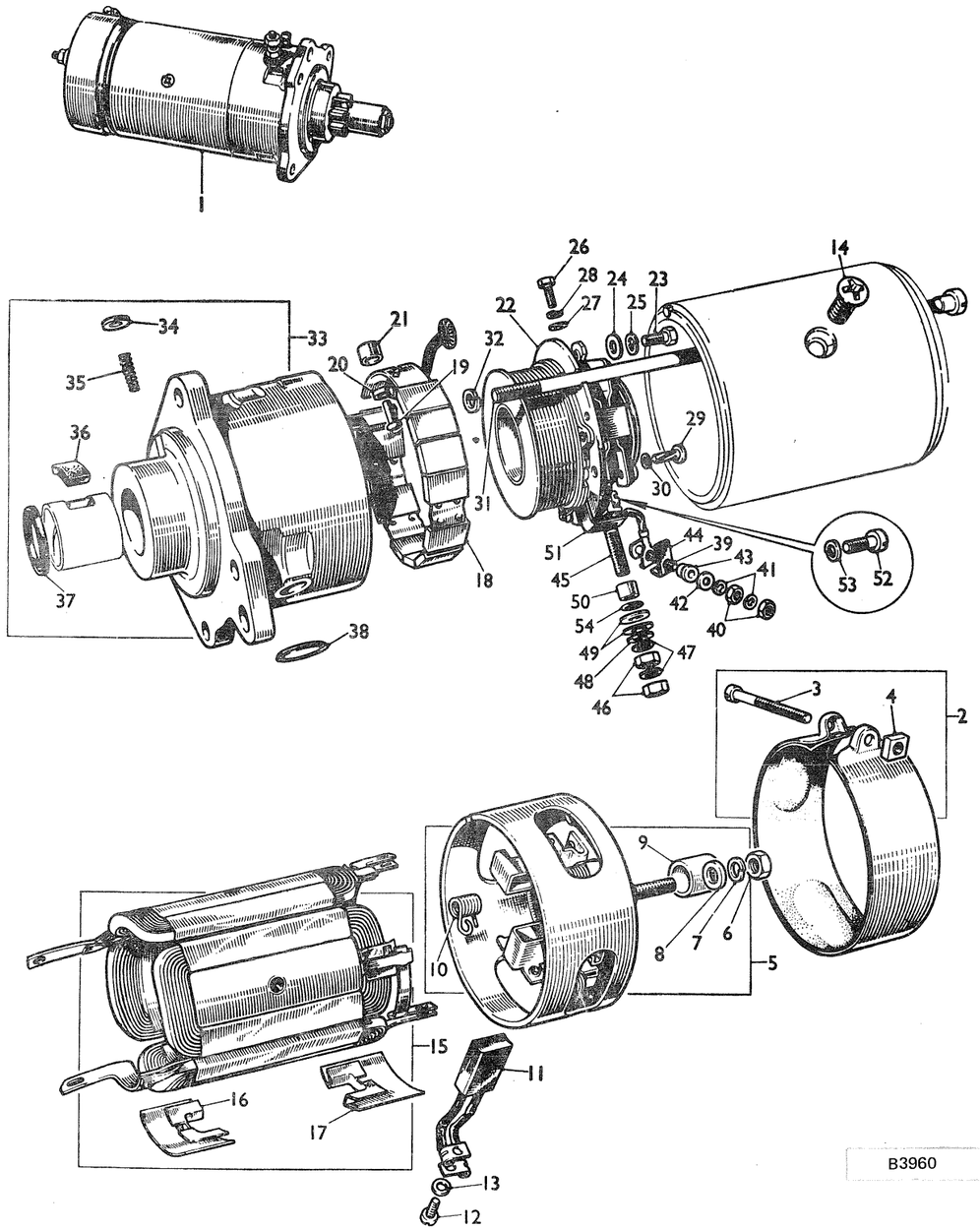
110M **ISSUE** 4*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	BMK 1055	....	Starter (CA45 type)	....	1
2	17H 9230	....	:Band Cover	....	1
3	17H 8059 27H 3666	Superseded	:Screw	....	1
4	17H 753	....	:Nut	....	1
5	17H 9233 37H 1683	Superseded	:Shield	....	1
6	7H 5978	....	::Nut	....	1
7	LWZ 205 WL 600051 1416/0005	Superseded Superseded	::Washer	....	1
8	17H 3649	....	::Spacer	....	4
9	37H 671	....	::Bearing	....	1
10	37H 296	....	::Spring	....	4
11	17H 9235	....	::Brushes	....	1
12	17H 1908	....	:Screw	... .	4
13	1416/0003	....	*:Washer	....	4
14	17H 9236	....	:Screw	....	4
15	17H 9237	....	:Field Coil	....	1set
16	7H 5982	....	::Insulation	....	2
17	17H 9238	....	::Insulator-Large	....	2
18	17H 9240	....	:Resistor	....	1
19	17H 3652	....	:Rivet	....	1
20	17H 3648	....	:Bush	....	1
21	7H 5983	....	:Spacer	....	1
22	17H 9241	....	:Solenoid	....	1
23	N.S.P.	....	:Screw	....	1
24	N.S.P.	....	:Washer	....	1
25	1416/0003	....	*:Washer	....	1
26	N.S.P.	....	:Screw	....	2
27	N.S.P.	....	:Washer	....	2
28	1416/0003	....	*:Washer	....	2
29	N.S.P.	....	:Screw	....	2
30	1416/0003	....	*:Washer	....	2
31	17H 746	....	:Bolt	....	2
32	37H 1142 LWZ 305	Superseded	:Washer	....	2
33	17H 9249	....	:Shield	....	1

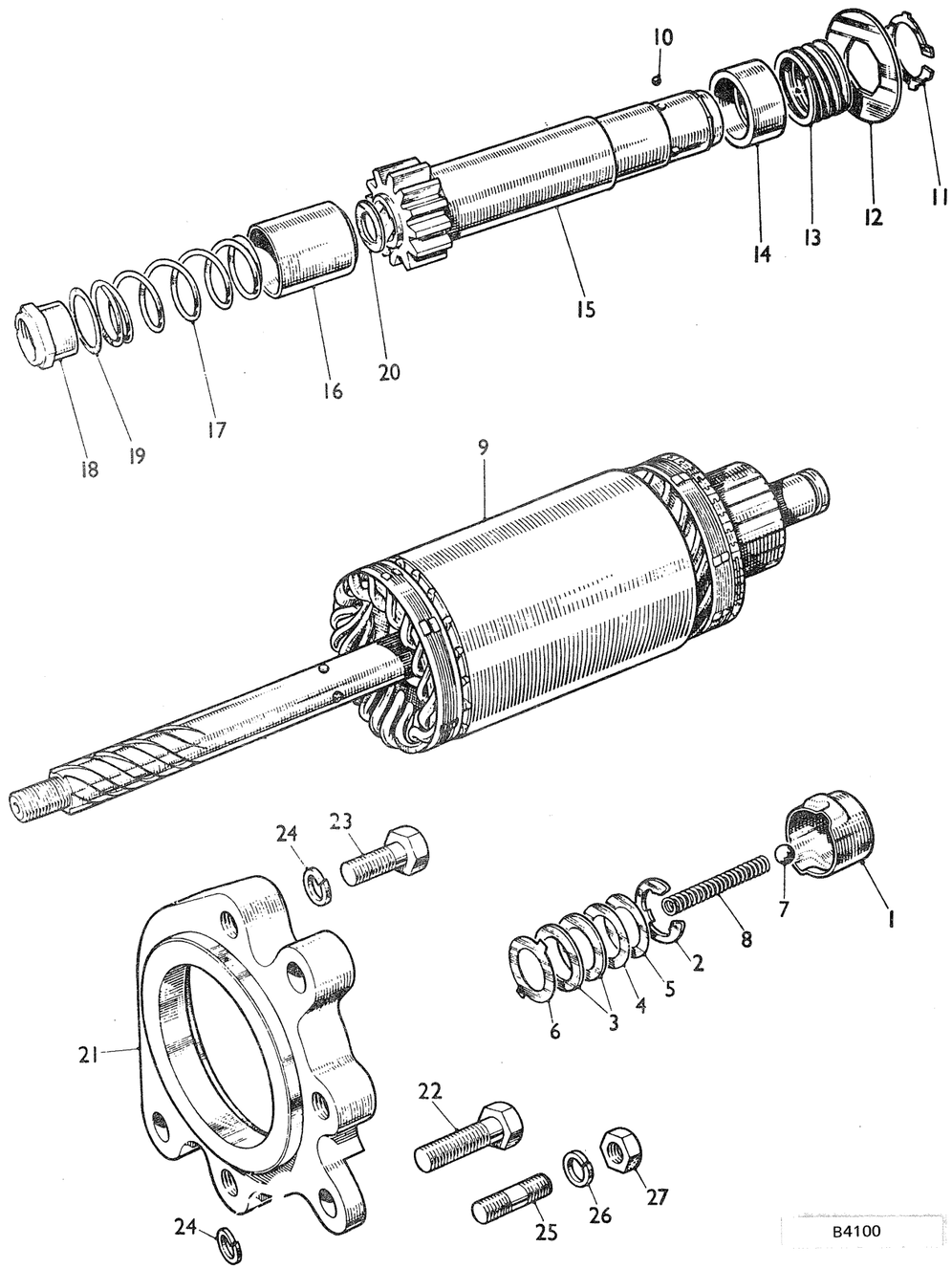
MK 6 STARTER MOTOR CA45

110M **ISSUE** 4*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
34	27H 2255 37H 307	Superseded	::Core Plug	....	1
35	37H 306	....	::Spring	....	1
36	17H 1873	....	::Felt Pad	....	1
37	27H 2256	....	::Dust Seal	....	1
38	17H 9250	....	:Core Plug	....	2
39	7H 5987 37H 3567	Superseded	:Terminal	....	1
40	37H 272 FNZ 103	Superseded	:Nut	....	2
41	1416/0003	....	*:Washer	....	1
42	N.S.P.	....	:Washer	....	1
43	17H 9251	....	:Insulating Bush	....	1
44	N.S.P.	....	:Insulator	....	1
45	7H 5899	....	:Terminal	....	
46	7H 5978	....	:Nut	....	2
47	LWZ 205 1416/0005	Superseded	:Washer	....	2
48	17H 9253	....	:Washer	....	1
49	17H 9254	....	:Washer	....	2
50	37H 277	....	:Insulating Bush	....	1
51	17H 9255	....	:Insulator	....	1
52	37H 269	....	:Screw	....	1
53	17H 9256 LWZ 204 1416/0004	Superseded Superseded	:Washer	....	1
54	17H 9257	....	:Sealing Ring	....	1

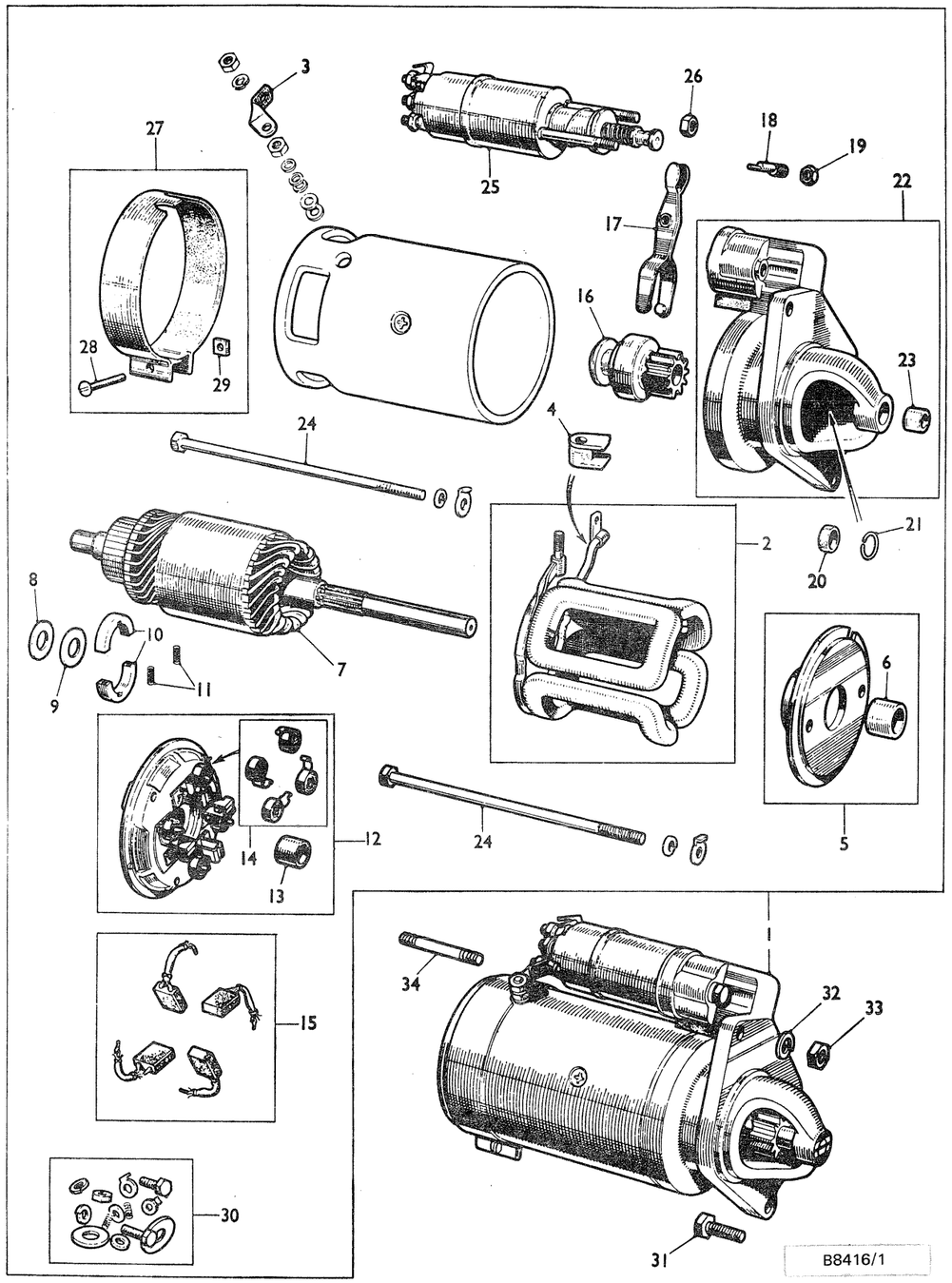
MK 7 STARTER MOTOR CA45



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
	See Page MK6	....	Starter	....	1
1	17H 6834 27H 3651	Superseded	:End Cap	....	1
2	37H 279	....	:Retaining Clip	....	1
3	37H 313	....	:Thrust Washer	....	As Reqd.
4	17H 1894	....	:Shim .008in.(.203mm)	....	As Reqd.
5	17H 1895	....	:Shim.012in.(.305mm)	....	As Reqd.
6	37H 286	....	:Thrust Tab	....	1
7	BLS 110	....	:Ball	....	1
8	37H 309	... .	:Spring	....	1
9	17H 9258	....	:Armature	....	1
10	BLS 106	....	:Ball	....	4
11	27H 2257	....	:Circlip	....	1
12	17H 9259	....	:Collar	....	1
13	37H 308 27H 3650	Superseded	:Spring	....	1
14	7H 5989 37H 284 988/00037	Superseded Superseded	:Collar	....	1
15	17H 9260	....	:Pinion	....	1
16	17H 9261	....	:Cover	....	1
17	17H 9262	....	:Spring	....	1
18	17H 9265	....	:Nut	....	1
19	17H 9263	....	:Shim	....	1
20	17H 9264	....	:Washer	....	1
21	CMK 1744	....	Distance Piece	....	1
22	HBN 0714 1305/3312	Superseded	Bolt	....	2
23	HBN 0710 HNS 0711 1305/0309	Superseded Superseded	Screw	....	1
24	LWN 307	....	Washer	....	3
25	FNS0612 FHS 0613	Superseded	Stud	....	3
26	LWN 306 1416/0006	Superseded	Washer	....	3
27	FNN 106 1340/0201	Superseded	Nut	....	3

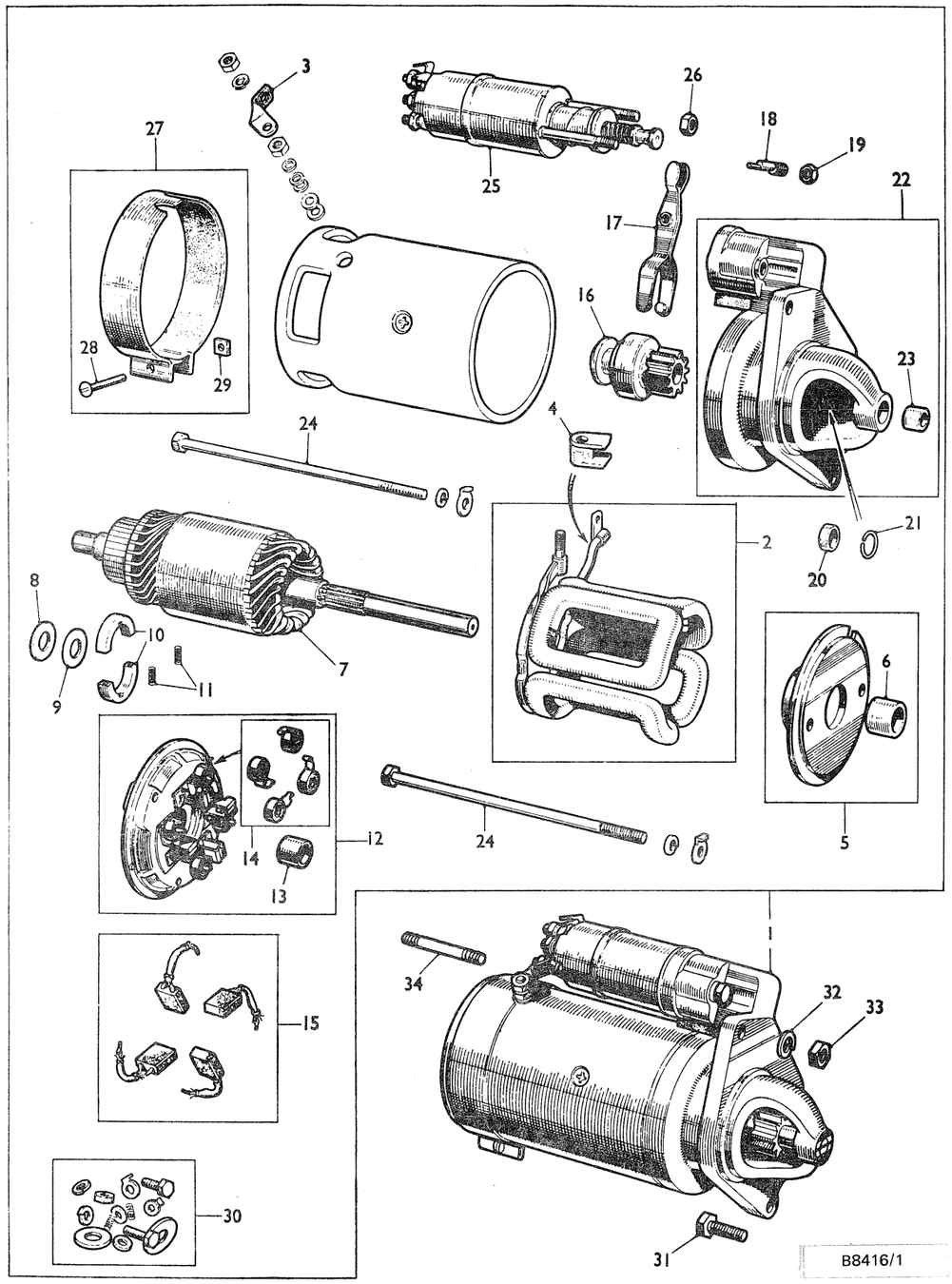
MK 7–1 STARTER MOTOR M50

110M **ISSUE** 8*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	83H 181 GEU 436 714/03000	Superseded Superseded	Starter Motor	....	1
2	27H 6937 37H6172	Superseded	:Field Coils	Set	1
3	N.S.P.	....	:Field Terminal	....	1
4	N.S.P.	....	:Grommet	....	1
5	N.S.P.	....	:Bracket-Intermediate	....	1
6	N.S.P.	....	:Bearing Bush	....	1
7	27H 6935	....	:Armature A & B	....	1
10	709/02806	....	*:Brake Shoe	....	2
8	N.S.P.	....	::Thrust Washer Was 27H7607	Commutator End(Fibre)	1
9	N.S.P.	....	::Thrust Washer	....	1
11	N.S.P.	....	*::Spring Brake Shoe	Was 27H 7902	2
12	27H 6930 37H 6167	Superseded	:Bracket	Commutator End	1
13	27H 6931 37H 6166 608304	Superseded Superseded	:Bearing Bush	....	1
14	709/02817	....	*:Spring Bush	....	1
15	714/03005	....	*:Brush Set	....	1
16	37H 7269 37H 8124 BAU1699	Superseded Superseded	:Drive-Roller Clutch	Suffix A to D #	1
	27H 9294 37H 6169 37H8123	Superseded Superseded	:Drive-Roller Clutch	Suffix E #	1
17	709/02809	....	*:Lever-Pinion Engage	....	1
18	N.S.P.	....	:Pivot Pin-Lever	....	1
19	N.S.P.	....	:Nut	....	1
20	N.S.P.	....	:Thrust Collar	....	1
21	N.S.P.	....	:Retaining Ring	....	1
22	27H 6933	....	:Bracket Fixing	....	1
23	27H 2587 37H 6166 608304	Superseded Superseded	:Bearing Bush	....	1
24	N.S.P.	....	:Bolt	....	2
25	714/03004	....	*:Solenoid	....	1
26	N.S.P.	....	:Nut-Solenoid to Starter	....	2

MK 7–1 STARTER MOTOR M50

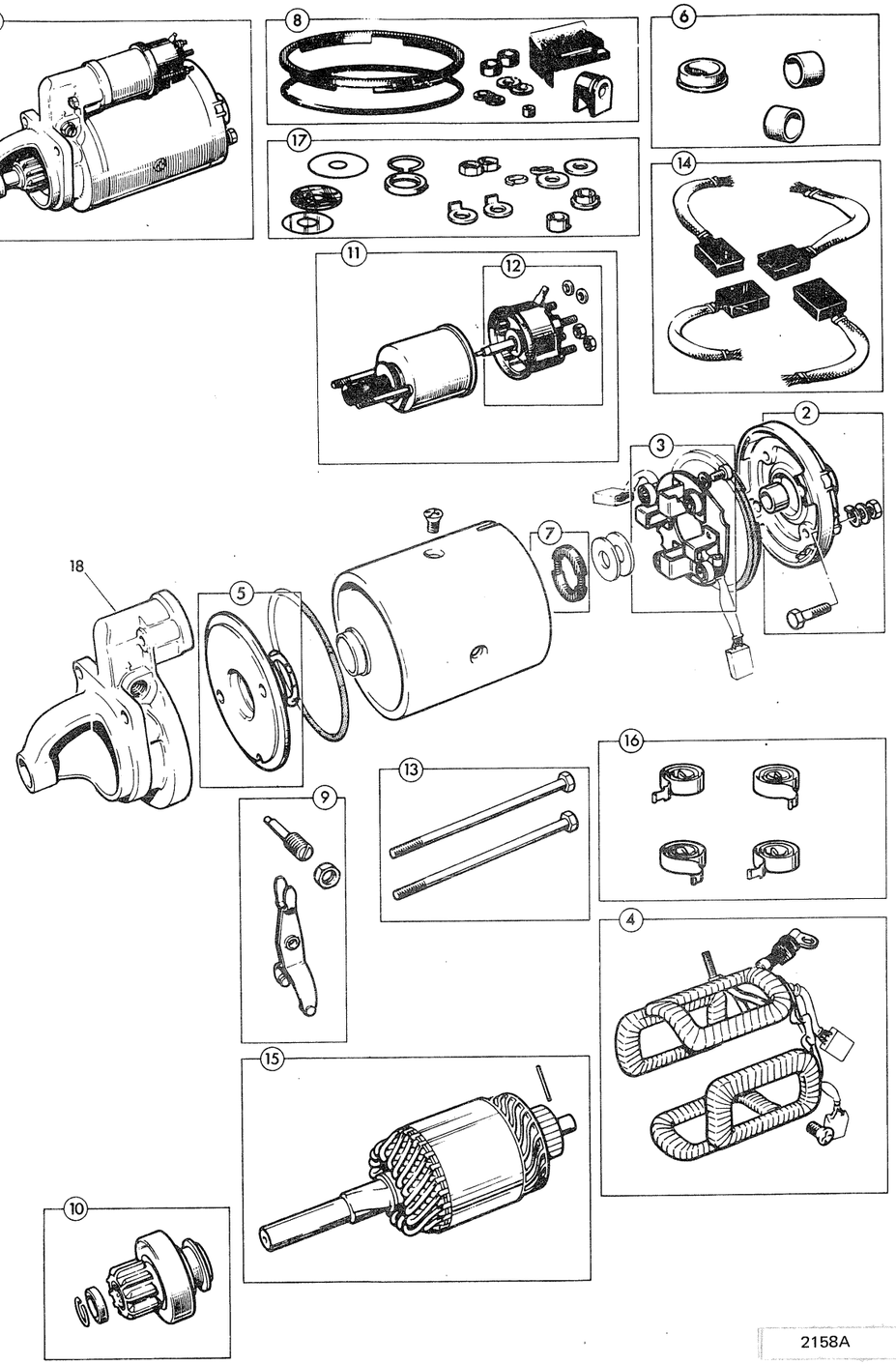


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
27	N.S.P.	....	:Band Cover	....	1
28	AJD 1252Z	....	:Screw Band Cover	....	1
29	AJD 8612	....	:Nut	....	1
30	37H 5028 270251	Superseded	Sundry Parts Set	....	1
31	HBN 0718 HNS 712 1305/0310	Superseded Superseded	Bolt	....	3
32	LWN 307	....	Washer	....	3
33	FNN 507 FNZ 507 1340/0301	Superseded Superseded	Nut	....	3
34	FHS 0715	....	Stud	....	1
	HBN 0714 1305/3312	Superseded	Bolt	....	3
	PWN 107 PWZ 107 1411/0004	Superseded Superseded	Washer	....	3
	FNN 507 FNZ 507 1340/0301	Superseded Superseded	Nut	When T/C Fitted	3

Refer to the Suffix letter of the Manufacturer's part no. stamped onto the starter, to ensure receiving the correct part.

MK 7–2 STARTER MOTOR M50

110M **ISSUE** 4*

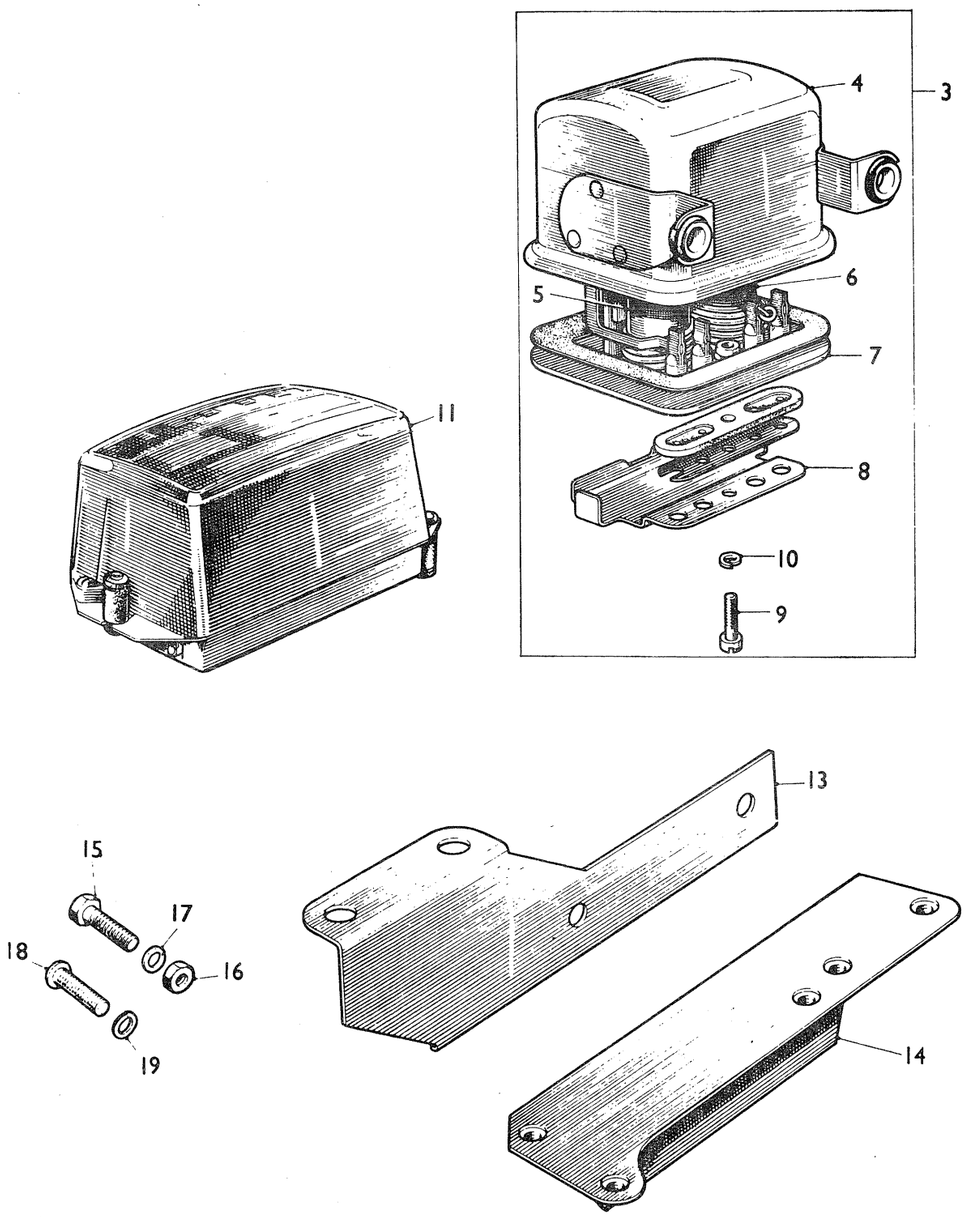


2158A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	83H 282 83H 181 GEU 436 714/03000	Superseded Superseded Superseded	Starter Motor	....	1
2	709/02801	....	*:C.E.Bracket Kit	....	1
3	714/00506	....	*:Brush Mounting Plate Kit	....	1
4	709/02803	....	*:Field Coil Kit	....	1
5	714/03001	....	*:Intermediate Bracket Kit	....	1
6	37H 6166 608304	Superseded	:Bush Service Kit	....	1
7	709/02806	....	*:Brake Assembly Kit	....	1
8	714/03002	....	*:Sealing Rubber Kit	....	1
9	709/02809	....	*:Solenoid Link Kit	....	1
10	714/03003	....	*:Drive Assembly Kit	....	1
11	714/03004	....	*:Solenoid	....	1
12	N.S.P.	....	::Solenoid End Cover Kit	Was 37H 7540	1
13	709/02814	....	*:Through Bolt Kit	....	1
14	714/03005	....	*:Brush Kit	....	1
15	714/00507	....	*:Armature	....	1
16	709/02817	....	*:Brush Spring Kit	....	1
17	709/02819	....	*:Sundry Parts Kit	....	1
18	37H 7116	....	:D.E.Bracket	....	1

MK 8 VOLTAGE REGULATOR & BRACKET

110M **ISSUE** 5

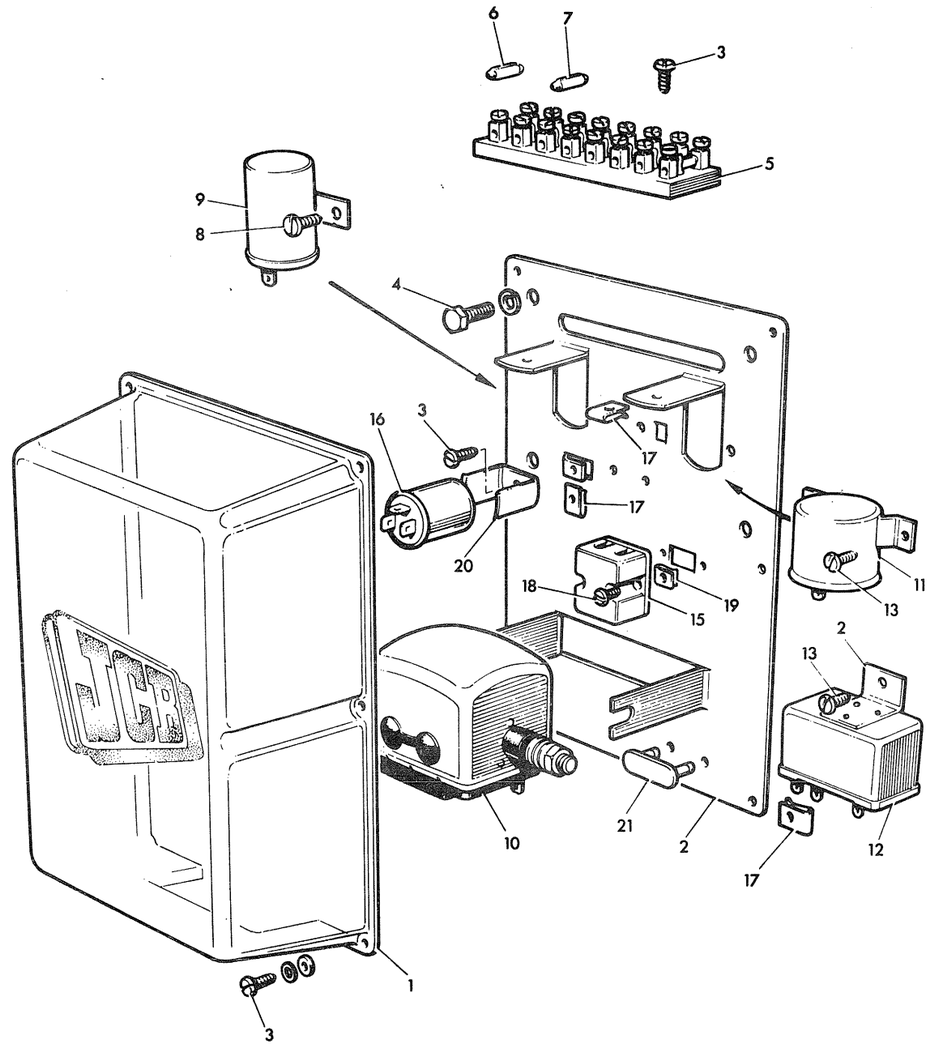


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
3	ATJ 8496 NT 8380	Superseded	Control Box	5 Speed Gearbox	1
4	N.S.P.	....	:Cover	....	1
5	N.S.P.	....	:Contact Set-Cut Out	....	1
6	N.S.P.	....	:Contact Set-Regulator	....	1
7	N.S.P.	....	:Bracket	....	1
8	N.S.P.	....	:Clamping Plate	....	1
9	N.S.P.	....	:Screw	....	1
10	LWZ 203 1416/0003	Superseded	:Washer	....	1
11	ATJ 2078 37H 7023	Superseded	Control Box	10 Speed Gearbox	1
13	N.S.P.	....	Bracket-5 Speed Gearbox	....	1
14	N.S.P.	....	Bracket-10 Speed Gearbox	....	1
15	HNS 0406 SH604061 1305/0004	Superseded Superseded	Bolt	....	2
16	FNZ 104 1340/0001	Superseded	Nut	5 Speed Gearbox	2
17	LWZ 204 WL600041 1416/0004	Superseded Superseded	Washer	....	2
18	PMZ 0318	....	Screw	....	3
19	LWZ 203 1416/0003	Superseded	Washer	10 Speed Gearbox	3
	N.S.P.	....	Cover-Control Box	... .	1
	N.S.P.	....	Stud	....	3
	LWZ 203 1416/0003	Superseded	Washer	....	3

MK

Page MK 8-1 to MK15

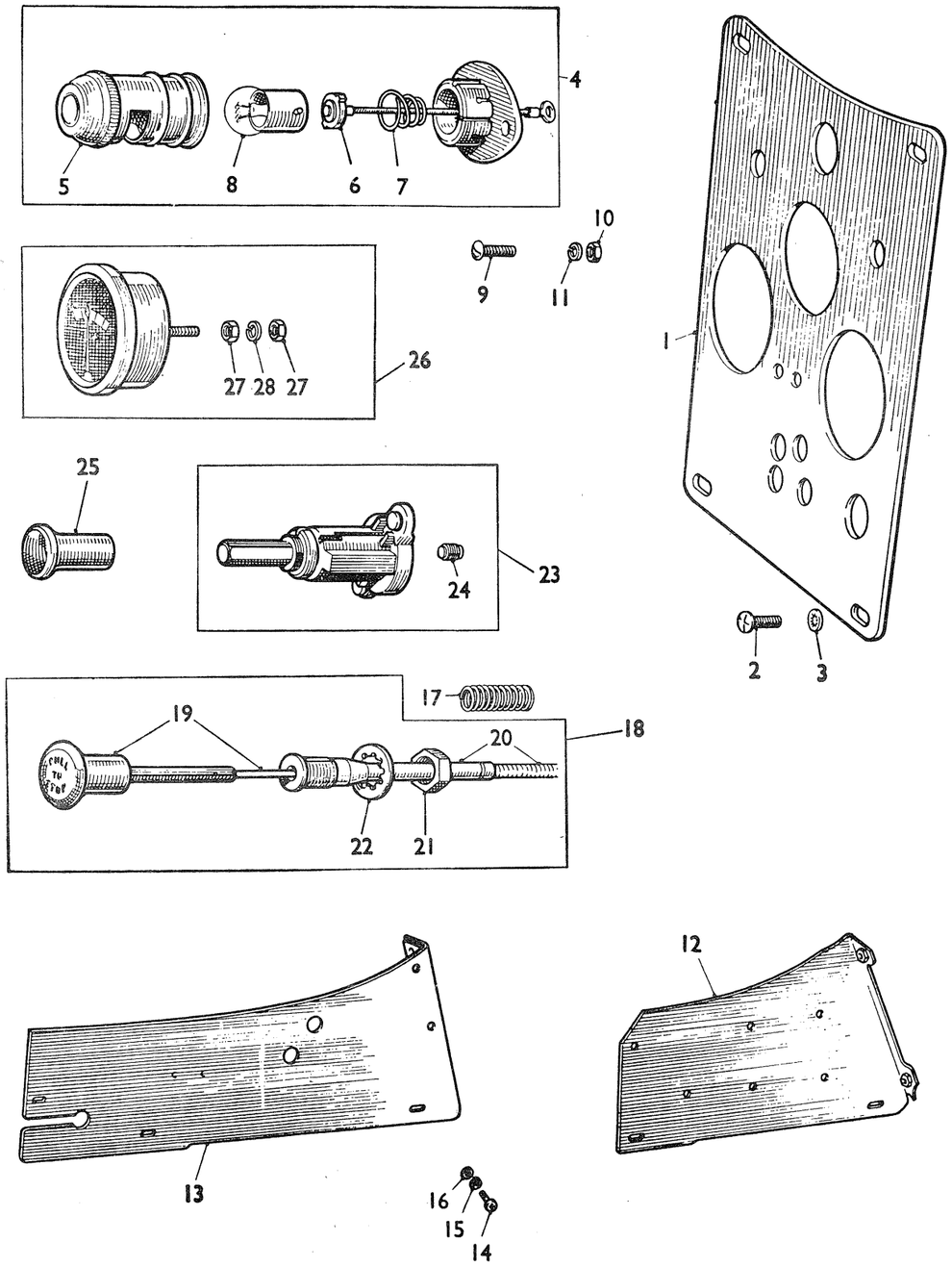
MK 8–1 CONTROL PANEL



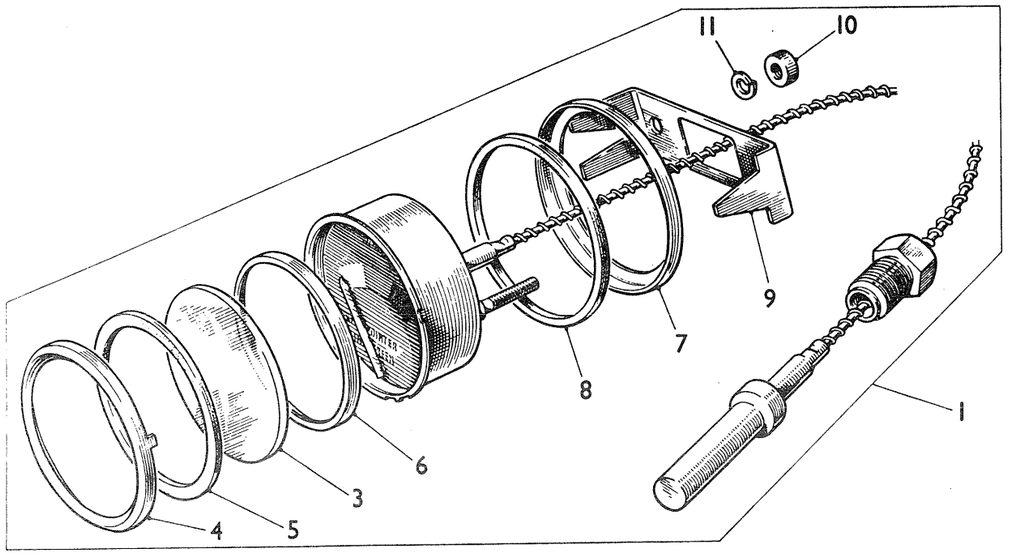
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	106/82501	....	Cover	....	1
2	106/82600 106/89101	Superseded	Bracket	....	1
3	1360/0204	....	Bolt	....	6
	826/00023	....	Screw	....	9
	1414/0011	....	Washer	....	6
	1358/0203	....	Nut	....	6
	106/82502	....	Washer	... .	6
4	1305/0204	....	Bolt	....	4
	1416/0006	....	Washer	....	4
5	703/14200	....	Fuse Box	....	1
6	703/07801	....	Fuse-25/40 Amp.	....	2
7	703/07802	....	Fuse-8/16 Amp	....	6
8	1430/0302	....	Screw	....	2
9	703/07600 See items 16 & 20	Superseded	Flasher Unit-42 Watt	....	1
10	ATJ 8824	....	Regulator	....	1
11	703/12100	....	Relay	....	1
12	703/12200	....	Relay	Austrian	1
13	1430/0302	....	Screw	....	2
14	G81/25	....	Grommet	....	
15	703/16800	....	Junction Box	....	1
16	703/20100	To M56149	Flasher Unit	....	1
	703/17900 703/29000	To M61767	Flasher Unit-German	....	1
17	826/00021	....	'U'Nut	....	9
18	826/00024	....	Bolt	....	2
19	826/00022	....	'U'Nut	....	2
20	106/89103 826/00261	Superseded	Clip	....	1
21	106/89102	....	Clip	....	2

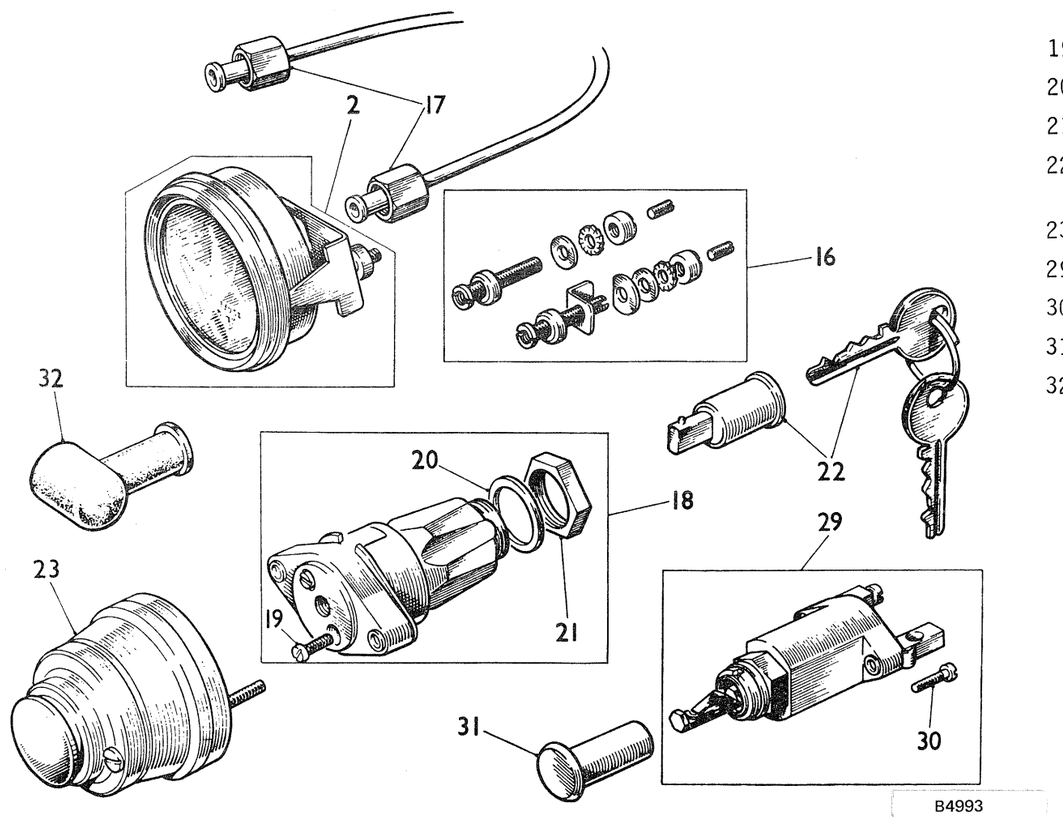
MK 9 INSTRUMENT PANEL 5-SPEED GEARBOX

110M **ISSUE** 2



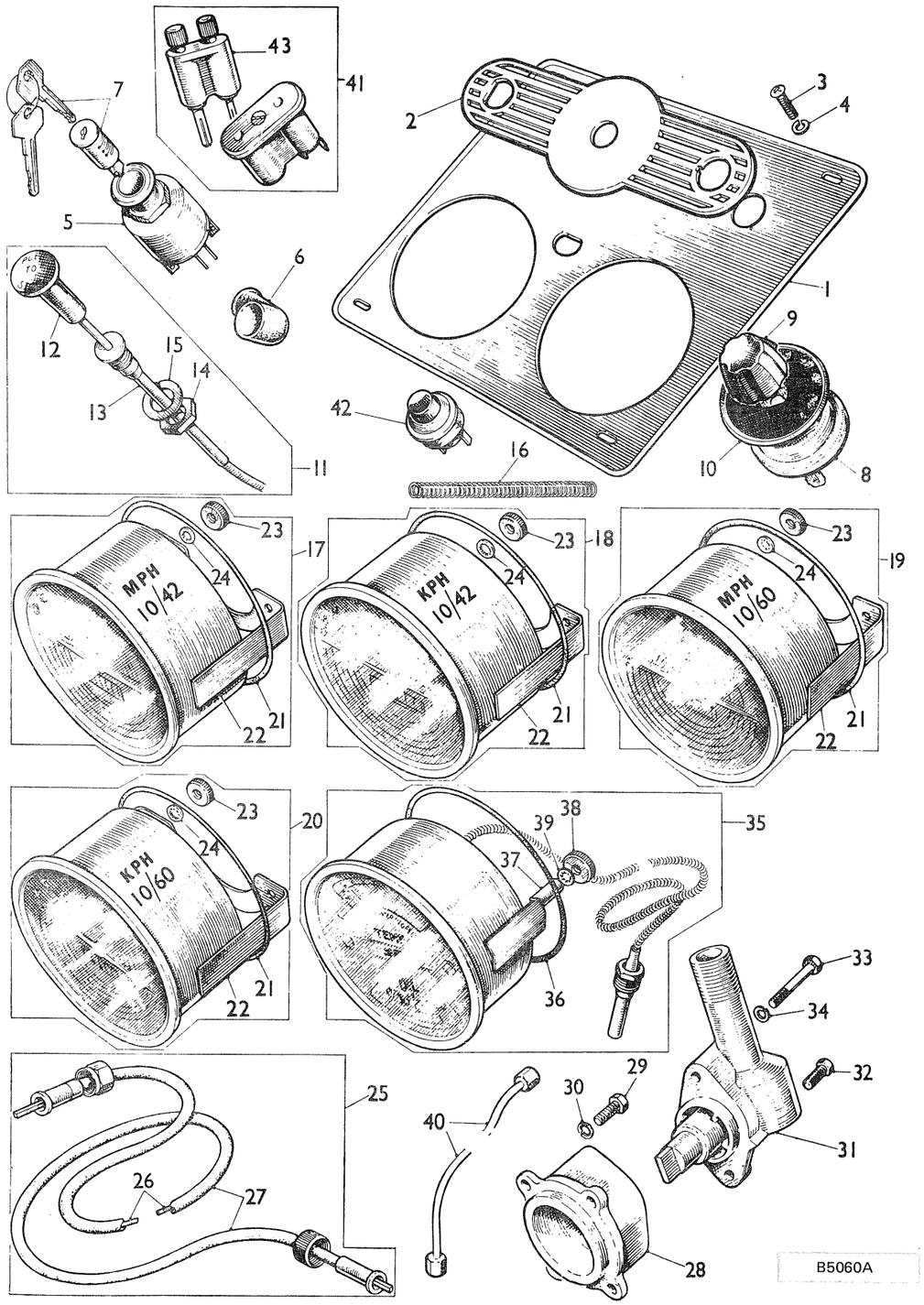
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 8316	....	Instrument Panel	....	1
2	PMZ 408	....	Screw	Instrument Panel to Side Panel	4
3	LWZ 204 1416/0004	Superseded	Washer	 4	
4	NT 5837	....	Panel Light	 1	
5	37H 5095	....	:Cover	 1	
6	37H 5126	....	:Contact and Cable	....	1
7	37H 5120	....	:Spring	....	1
8	N.S.P.	....	:Bulb	Was 47W 5122	1
9	PMZ 0206 PMZ 206	Superseded	Screw	Panel Light to Panel	2
10	CNZ 102	....	Nut	....	2
11	LWZ 202 1416/0002	Superseded	Washer	....	2
12	NT 6764	....	Side Panel-R.H.	....	1
13	NT 6765	....	Side Panel-L.H.	....	1
14	PMZ 0408 PMZ 408	Superseded	Screw	....	8
15	LWN 204 1416/0004	Superseded	Washer	....	8
16	PWN 204	....	Washer	....	8
17	ATJ 3067	....	Return Spring	....	1
18	ATJ 3113	....	Engine Stop Control Assy	....	1
19	27H 3362	....	:Knob and Cable	....	1
20	27H 3361	....	:Body and Tube	....	1
21	27H 4761	....	:Nut	....	1
22	LWZ 408	....	:Washer	....	1
23	3H 3098	....	Ligh Switch	....	1
24	17H 5588	....	:Screw	....	3
25	AHH 5362	....	Knob	....	1
26	37H 5149	....	Ammeter	....	1
27	37H 5000	....	:Nut	....	4
28	LWZ 203 1416/0003	Superseded	:Washer	....	2





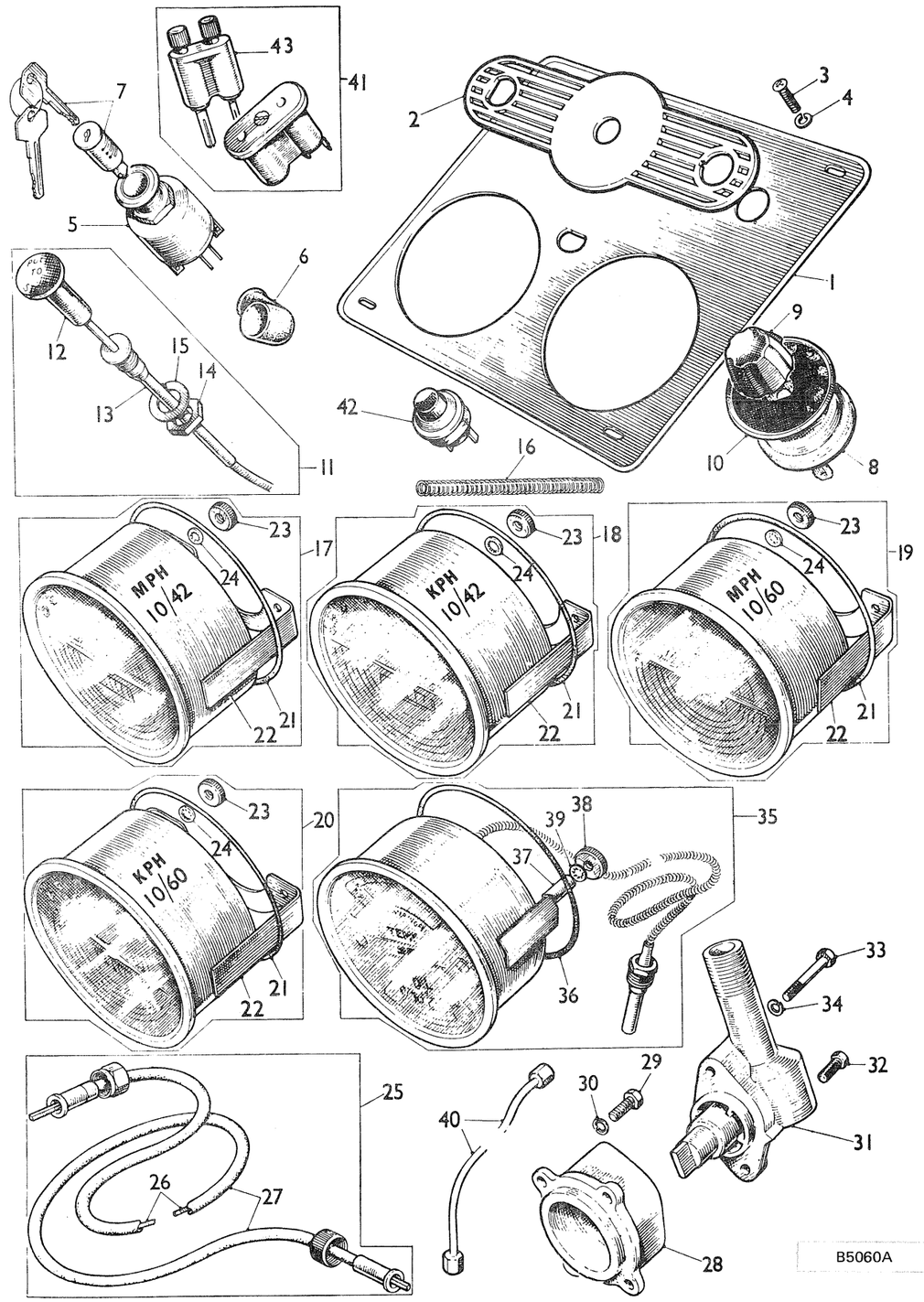
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	27H 665	....	Thermometer Assembly	....	1
2	NT 7445 BTJ 2220 BTJ 2762	Superseded Superseded	Oil Gauge Assembly	....	1
3	N.S.P.	....	:Glass	Was 17H 90	1
4	N.S.P.	....	:Bezel	Was 17H 91	1
5	N.S.P.	....	:Rubber Ring	Was 17H 92	1
	N.S.P.	....	:Rubber Ring	Was AJH 5184	1
6	N.S.P.	....	:Spacer Ring	Was 17H 866	1
7	N.S.P.	....	:Cup	Was 17H 960	1
8	N.S.P.	....	:Rubber Ring	Was 17H 865	1
9	N.S.P.	....	:Securing Bracket	Was 17H 933	1
10	N.S.P.	....	:Nut	Was 17H 932	2
11	N.S.P.	....	:Washer	Was LWZ 302	2
16	AAA 6081	....	Inspection Lamp Socket	....	1set
17	NT 7054	....	Pipe	Oil Gauge to Block	1
18	3H 2825 13H 251	Superseded	Starter Switch Assy.	....	1
19	17H 5588	....	:Terminal Screw	....	2
20	37H 5138	....	:Washer	....	1
21	37H 5139	....	:Nut	....	1
22	NT 6727 24G1345	Superseded	Barrel Lock	With 2 Keys	1
23	47H 5598	....	Horn Push	....	1
29	47H 5396	....	Starter Push	....	1
30	17H 5588	....	:Screw	....	2
31	11K 9031	....	Knob	....	1
32	8G 548	....	Rubber Boot	....	1

MK 11 INSTRUMENT PANEL

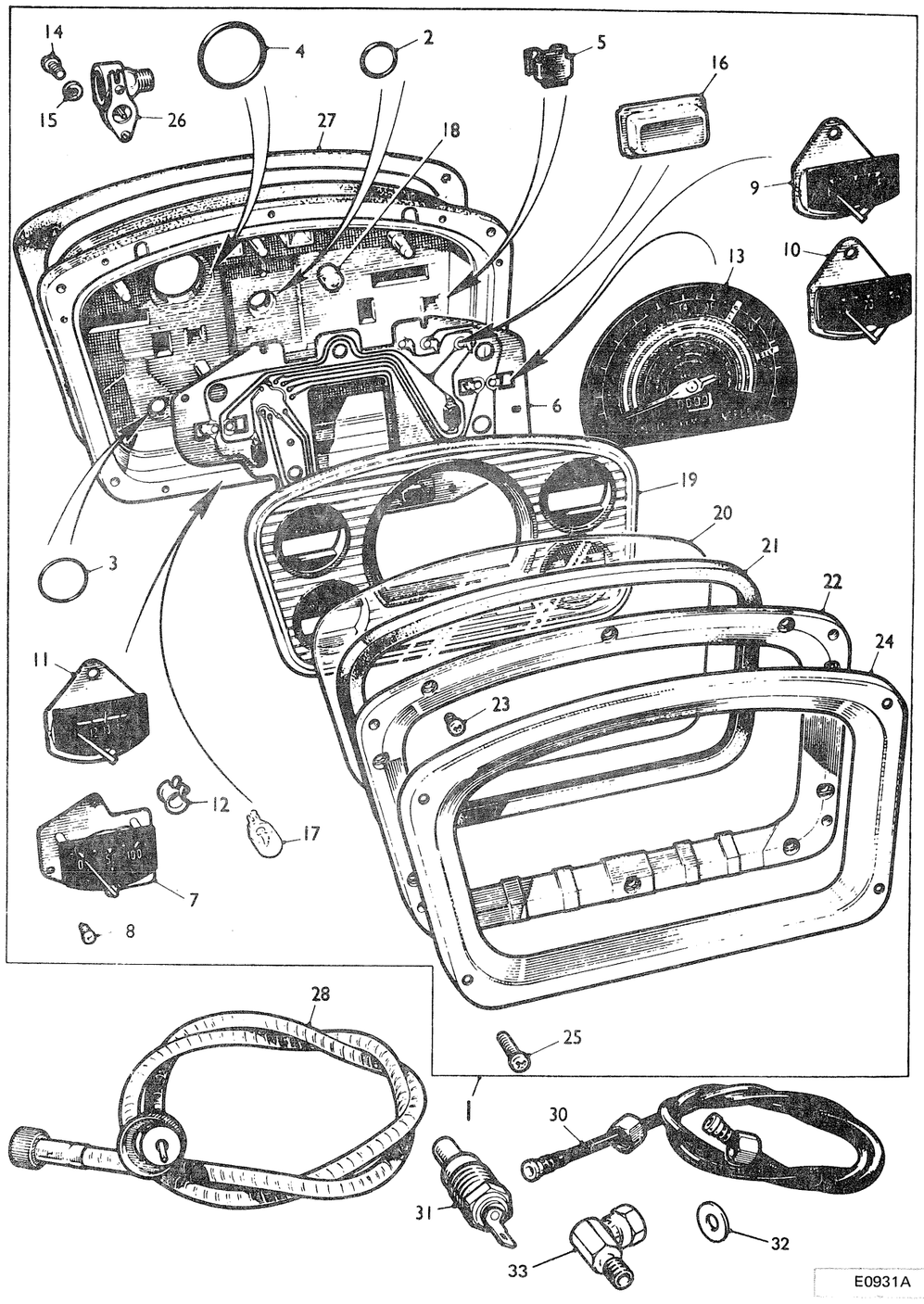


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	N.S.P.	....	Panel	Was ATJ 8516	1
2	N.S.P.	....	Panel	Was ATJ 8517	1
3	PMZ 0408	....	Bolt	....	4
4	LWZ 204 1416/0004	Superseded	Washer	....	4
5	BMK 1094	....	Switch-M45 Starter	....	1
	ATJ 2112	....	Switch-CA45 Starter	....	1
	27H 5901 988/00024	Superseded	Key-CA45 Starter	... .	1
6	8G 548	....	Boot	....	1
7	24G 1345	....	Lock & Key	....	1
8	27H 3698 37H 2923	Superseded	Switch	....	1
9	27H 3699	....	Knob	....	1
10	ATJ 2068	....	Plate	....	1
11	ATJ 3110 ATJ 9142 ATJ 9530	Superseded To T92473	Engine Stop Control	4 Cylinder	1
	ATJ 3113	....	Engine Stop Control	3 Cylinder	1
12	27H 2321 27H 8828	.To T92473	:Knob & Inner Cable	4 Cylinder	1
	17H 3362	....	:Knob & Inner Cable	3 Cylinder	1
13	27H 2322 N.S.P.	To T92473	:Outer Cable	4 Cylinder	1
	17H 3361	....	:Outer Cable	3 Cylinder	1
14	27H 4761 27H 2323	To T92473	:Nut	....	1
15	LWZ 408	....	:Washer	....	1
16	ATJ 3067	....	Spring	....	1
17	ATJ 8513	....	Tractometer Head m.p.h.	... 3 cylinder	1
18	ATJ 8514	....	Tractometer Head k.p.h.	....	1
19	ATJ 8511	....	Tractometer Head m.p.h.	.... 4 Cylinder	1
20	ATJ 8512	....	Tractometer Head k.p.h.	....	1
21	N.S.P.	....	:Ring	Was 17H 2105	1
22	N.S.P.	....	:Strap	Was 27H 3572	1
23	N.S.P.	....	:Nut	Was 27H 3575	2
24	2K 1369	....	:Washer	....	2
25	ATJ 8544	....	Drive Cable 64-5"	3 Cylinder	1

MK 11 INSTRUMENT PANEL



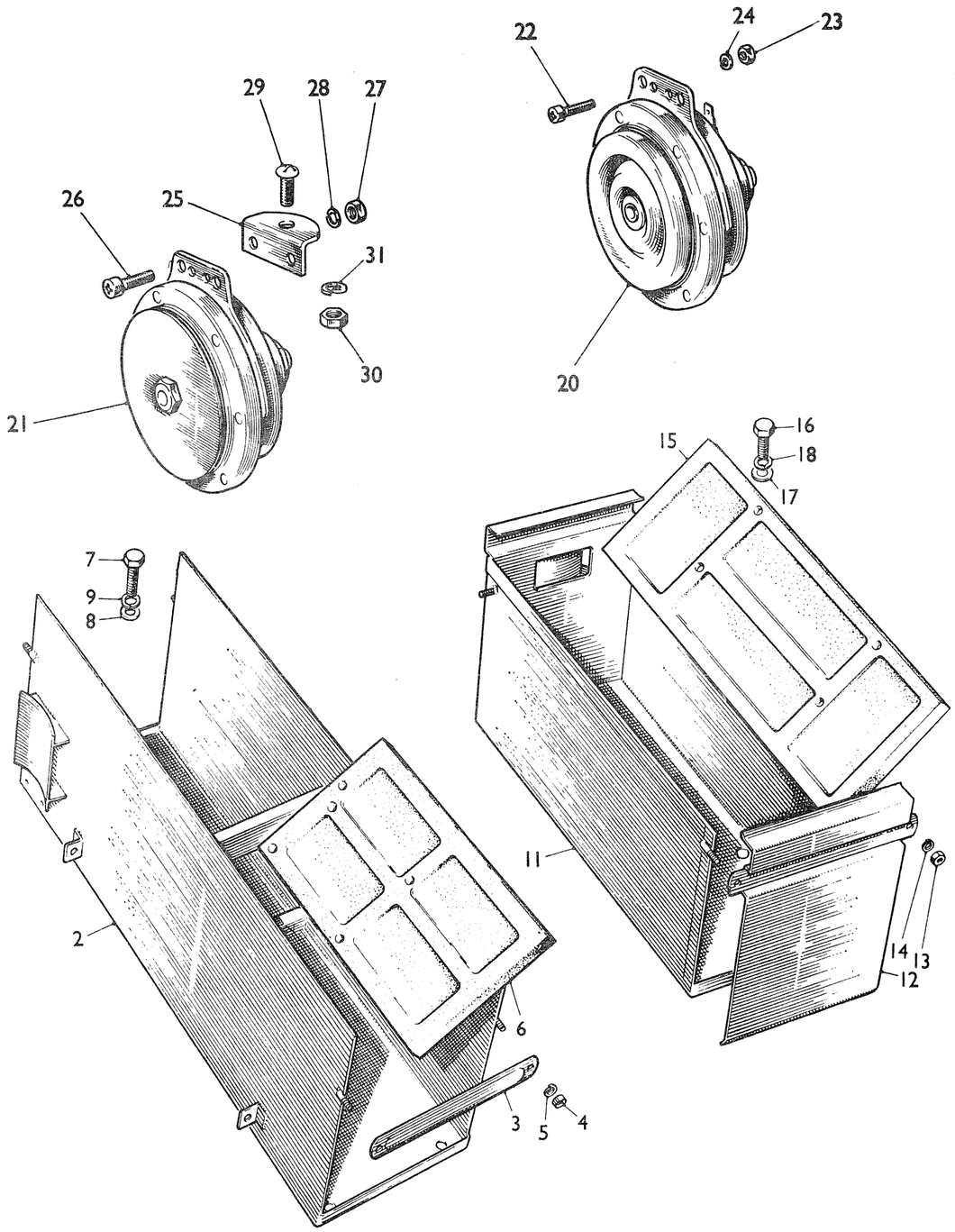
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
25	ATJ 8543 ATJ 8789 106/90000	To T92473 Superseded	Drive Cable 70" 55-5"	4 Cylinder	1
	N.S.P.	....	:Inner Cable	3 Cylinder Was 27H 3670	1
	27H 3671 37H 1337	To T92473	:Inner Cable	4 Cylinder	1
27	N.S.P.	....	:Outer Cable	Was 27H 3669 & 27H 3672	1
28	NT 8374	....	Bracket	....	1
29	HNS 0407 HZS 407 1305/0005	Superseded Superseded	Bolt	....	4
30	LWN 204 WL600041 1416/0004	Superseded Superseded	Washer	....	4
31	NT 8373	....	Drive	....	1
32	HNS 0406 SH604061 1305/0004	Superseded Superseded	Bolt	....	1
33	HBN 0412 1305/3010	Superseded	Bolt	....	1
34	LWN 204 WL600041 1416/0004	Superseded Superseded	Washer	....	2
35	ATJ 8515 ATJ 8781	To T92473	Thermometer/Oil Gauge	....	1
36	17H 2105 37H 1338	To T92473	:Ring	....	1
37	N.S.P.	....	:Clamp	Was 27H 3576	2
38	N.S.P.	....	:Nut	Was 27H 2575	2
39	2K 1369	....	:Washer	....	2
40	NT 7054 ATJ 3493	To T92473	Pipe	....	1
41	13H 1694	....	Socket & Plug	....	1
43	13H 477	....	:Plug	....	1
44	ATJ 2066 BMK 622	Superseded	Horn Push	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
18	37H 2140	....	Dessicator Pellet	....	6
19	37H 2141 37H 8238	Superseded	Mask	....	1
20	37H 2144 37H 4928	To T135000	Glass	....	1
21	37H 2145 37H 4927	Superseded	Rubber Seal-Glass	....	1
22	37H 2142	....	Bezel	....	1
23	37H 2143 53K 165	....	Screw	Bezel to Panel	14
24	37H 2146	To M52477	Finisher	....	1
25	PMZ 0314 826/00004	Superseded To M52477	Bolt	Finisher to Panel	4
26	37H 2138	To E498NY 7442	Angle Drive Unit	....	1
27	37H 2118	....	Rubber Gasket	....	1
28	103/76100 106/90000 106/16800 106/28800 109/77400	Superseded To E498NT 7442 Superseded Superseded	Tractometer Drive Cable	....	1
	103/76101 106/90001	To M56046 To E498NT 7442	Inner Cable was 106/16801	57in.Long 55in.Long	1
30	ATJ 8806 106/73100	Superseded	Oil Pressure Pipe	Use 106/73100 with 106/65306	1
31	BMK 1659 560794 GTR 111	Superseded Superseded	Transmitter	Temperature	1
32	106/65306	....	Leather Washer	....	1
33	109/11601	....	Adapter	....	1

MK 12 BATTERY TRAY & HORN

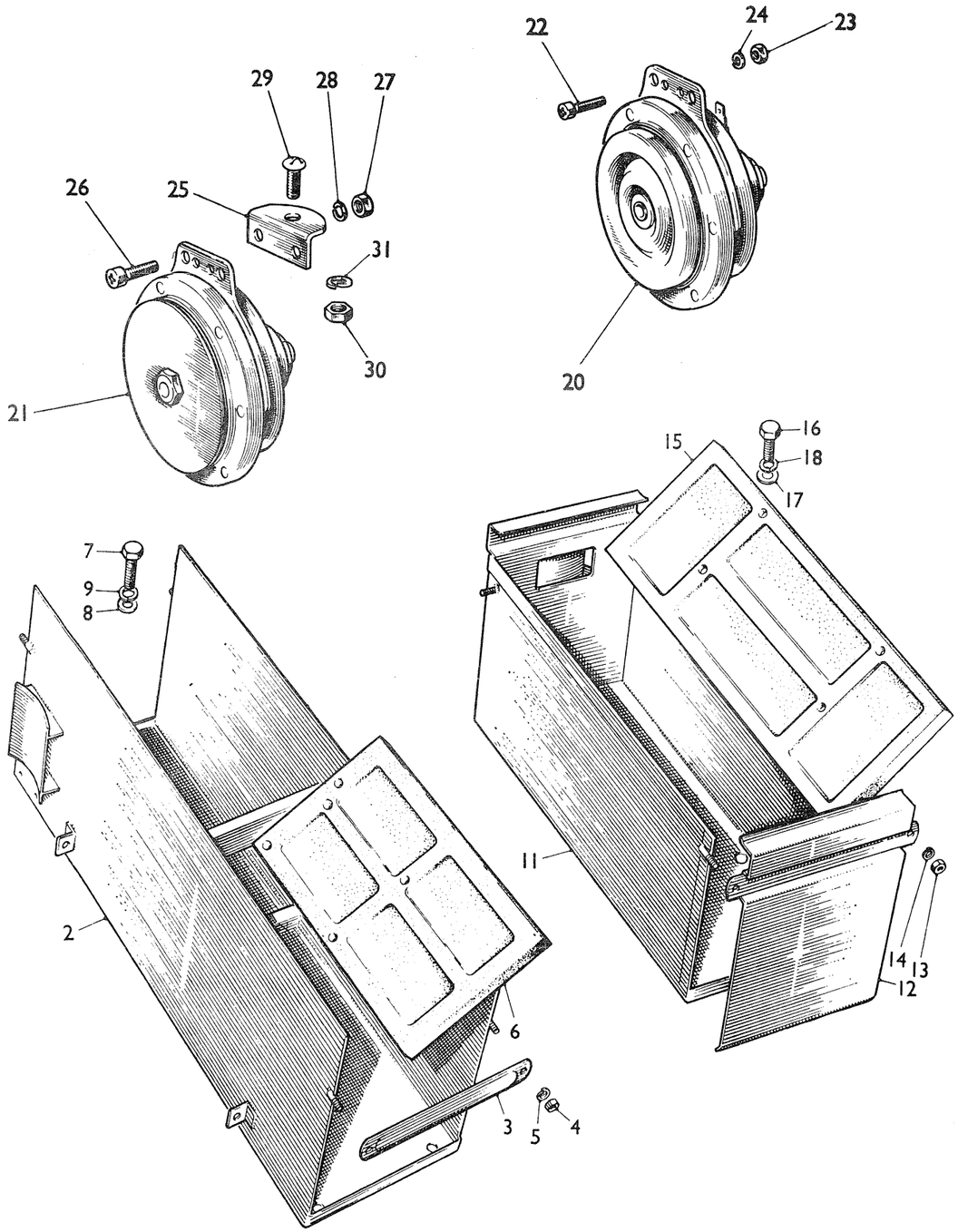
110M **ISSUE** 3



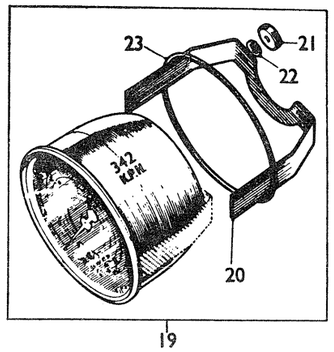
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
2	ATJ 8509	....	Tray	....	1
3	N.S.P.	....	Strap	Was NT 6530	2
4	FNZ 106 1340/0201	Superseded	Nut	....	4
5	LWZ 206 1416/0006	Superseded	Washer	....	4
6	N.S.P.	....	Packing	Was NT 6591	2
7	HNS 0708 1305/0305	Superseded	Bolt	....	4
8	PWN 107 1411/0004	Superseded	Washer	....	4
9	LWN 207 1416/0007	Superseded	Washer	....	4
11	ATJ 8510	....	Tray-5 Speed Gearbox	....	1
	ATJ 8554	....	Tray-10 Speed Gearbox	....	1
12	NT 8154	....	Shield	....	1
13	FNZ 106 1340/0201	Superseded	Nut	....	2
14	LWZ 206 1416/0006	Superseded	Washer	....	2
15	N.S.P.	....	Packing	Was NT 8155	1
16	HNS 0708 1305/0306	Superseded	Bolt	....	4
17	PWN 107 PWZ 107 1411/0004	Superseded Superseded	Washer	....	4
18	LWN 207 1416/0007	Superseded	Washer	....	4
20	ATJ 8477 13H 2782 707/10300	Superseded Superseded	Horn	....	1
21	BHA 4186 13H 2782 707/10300	Superseded Superseded	Horn	....	1
22	PWZ 308	....	Screw	....	2
23	FNZ 103	....	Nut	....	2
24	LWZ 203 1416/0003	Superseded	Washer	....	2
25	ATJ 8556	....	Bracket	... .	1
26	PWZ 0408	....	Screw	....	2
27	FNZ 104 1340/0001	Superseded	Nut	....	2

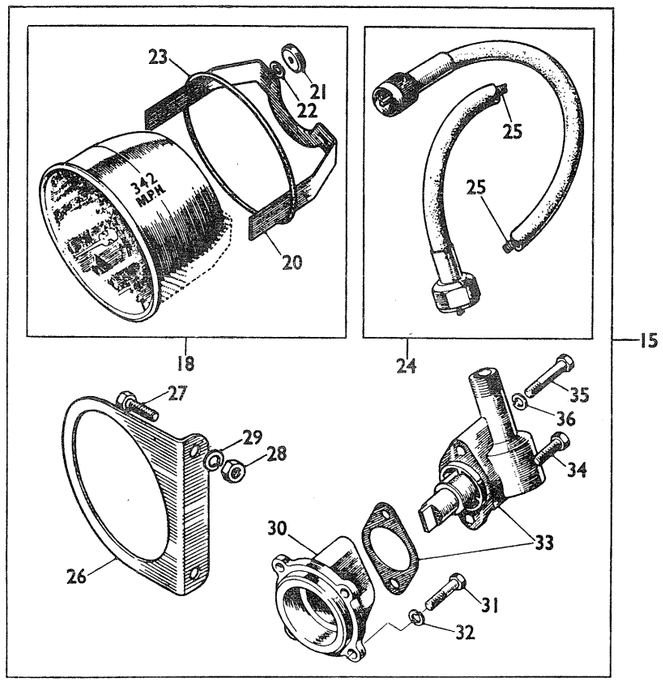
MK 12 BATTERY TRAY & HORN

110M **ISSUE** 2



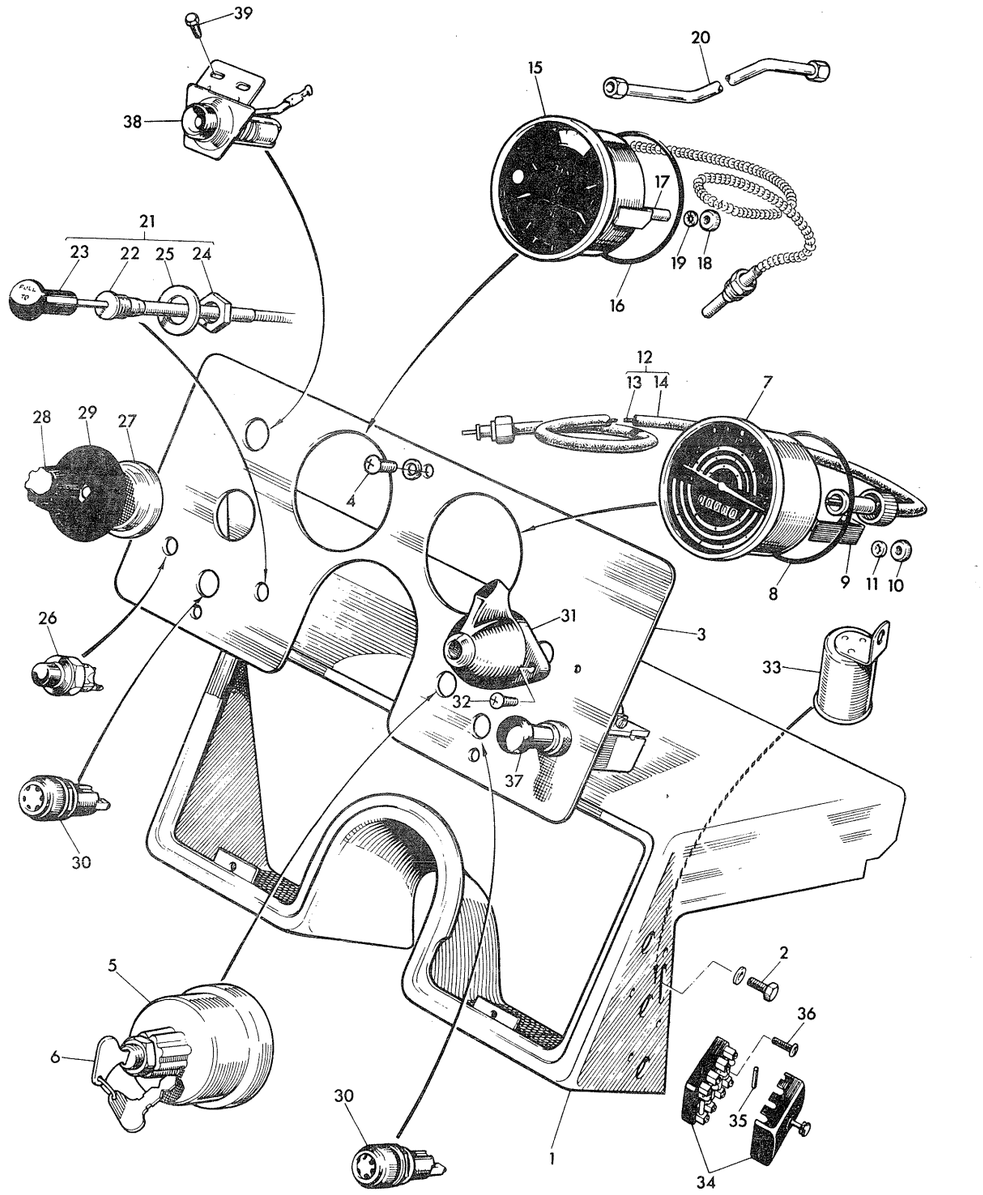
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
28	LWZ 204 1416/0004	Superseded	Washer	....	2
29	PWZ 0408	....	Screw	....	1
30	FNZ 104 1340/0001	Superseded	Nut	....	1
31	LWZ 204 1416/0004	Superseded	Washer	....	1



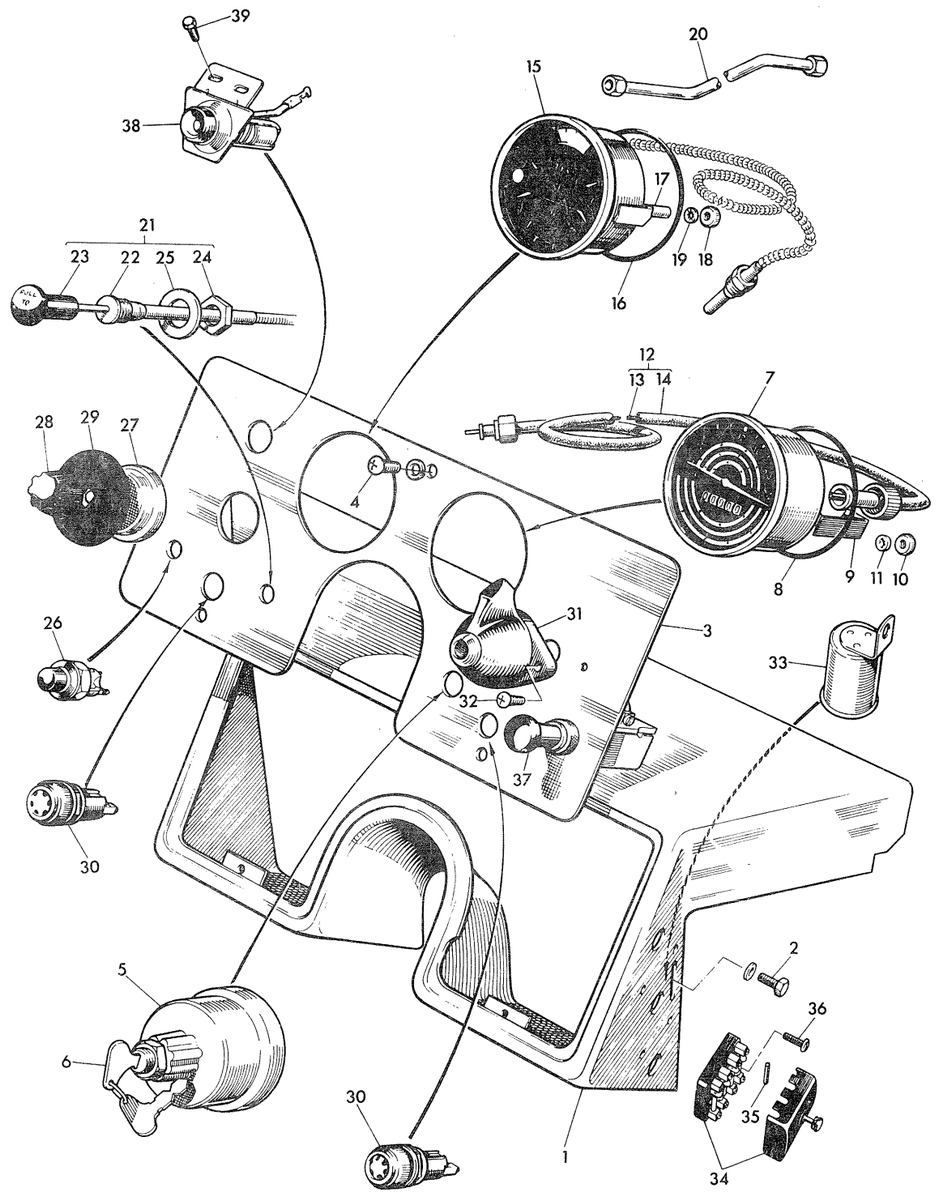


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
15	N.S.P.	....	Tractometer Drive Kit	Was ATJ 9505	1
18	ATJ 8482	....	:Tractometer Head-M.P.H.	....	1
19	ATJ 8483	....	:Tractometer Head K.P.H.	....	1
20	N.S.P.	....	::Strap	Was 27H 990	1
21	N.S.P.	....	::Nut	Was 17H 1304	2
22	LWZ 304 1416/0004	Superseded	::Washer	....	2
23	N.S.P.	....	::Ring	Was 17H 2105	1
24	NT 8375	....	:Drive Cable	....	1
25	37H 570	....	:Inner Cable	....	1
26	N.S.P.	....	:Bracket	Was NT 7013	1
27	HNS 0505 1305/0103	Superseded	:Bolt	....	2
28	FNN 105 1340/0101	Superseded	:Nut	....	2
29	LWN 205 1416/0005	Superseded	Washer	....	2
30	NT 8374	....	:Bracket	... .	1
31	HNS 0407 HZS 407 1305/0005	Superseded Superseded	:Bolt	....	4
32	LWN 204 1416/0004	Superseded	:Washer	....	4
33	NT 8373	....	:Angle Drive Unit	....	1
34	HNS 0406 SH604061 1305/0004	Superseded Superseded	:Bolt	....	1
35	HBN 412 1305/3010	Superseded	:Bolt	....	1
36	LWN 204 1416/0004	Superseded	:Washer	....	2

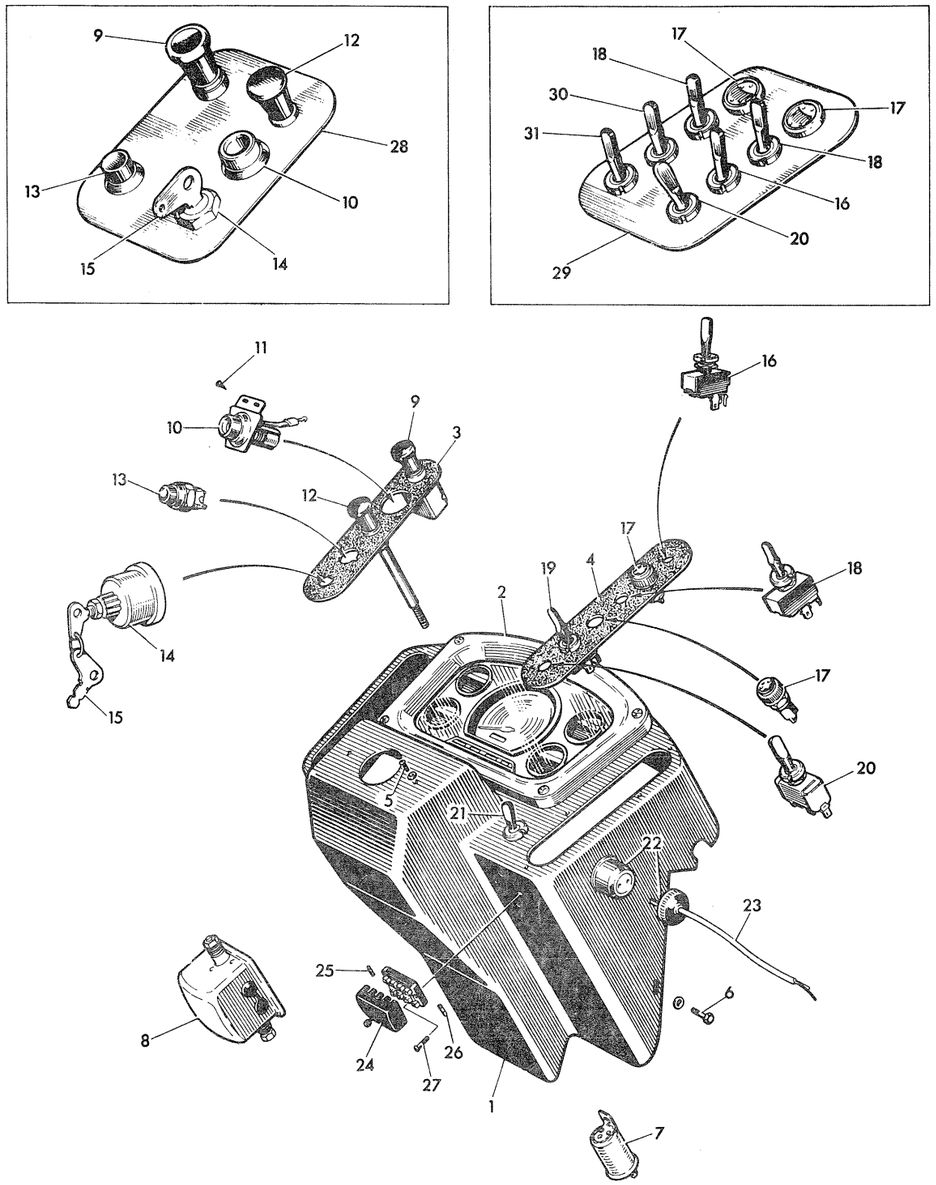
MK 14 INSTRUMENT PANEL



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	103/35101	....	Instrument Panel Surround	....	1
2	1305/0002	....	Bolt	....	2
	G14/51 1410/0001	Superseded	Plain Washer	....	2
3	103/35102	....	Instrument Panel	....	1
4	G96/0	....	Screw	....	3
	103/35103	....	Washer	....	3
5	ATJ 2112	....	Starter Switch	....	1
6	27H 5901 988/00024	Superseded	Key	....	1
7	ATJ 8511	....	Tractometer (m.p.h)	....	1
	ATJ 8512	....	Tractometer (k.p.h)	....	1
8	17H 2105	....	:Rubber Ring	....	1
9	N.S.P.	....	:Fixing Strap	Was 27H 3572	1
10	N.S.P.	....	:Thumb Nut	Was 27H 3575	2
11	2K 1369	....	:Shakeproof Washer	....	2
12	103/41200	....	Tractometer Drive	....	1
13	103/41202	....	Cable-Inner	....	1
14	103/41201	....	Cable-Outer	....	1
15	ATJ 8515 ATJ 8781	To T92473	Dual Gauge-Thermometer/ Oil	....	1
16	17H 2105 37H 1338	To T92473	:Rubber Ring	....	1
17	N.S.P.	....	:Fixing Clamp	Was 27H 3576	2
18	N.S.P.	....	:Thumb Nut	Was 27H 3575	2
19	2K 1369	....	:Shakeproof Washer	....	2
20	103/39500	....	Pipe-Oil Pressure Gauge Assembly	....	1
	103/39502	....	Tee Double End Connection	....	1
	103/39503 103/39502	Superseded	Tee Straight Connection	....	1
	103/39501 647/00500	Superseded	Tubing	....	1
21	103/41100	... .	Engine Stop Control	....	1
22	103/41103	....	:Body and Tube	....	1
23	103/41101	....	:Knob and Wire	....	1
24	27H 4761	....	:Nut	....	1

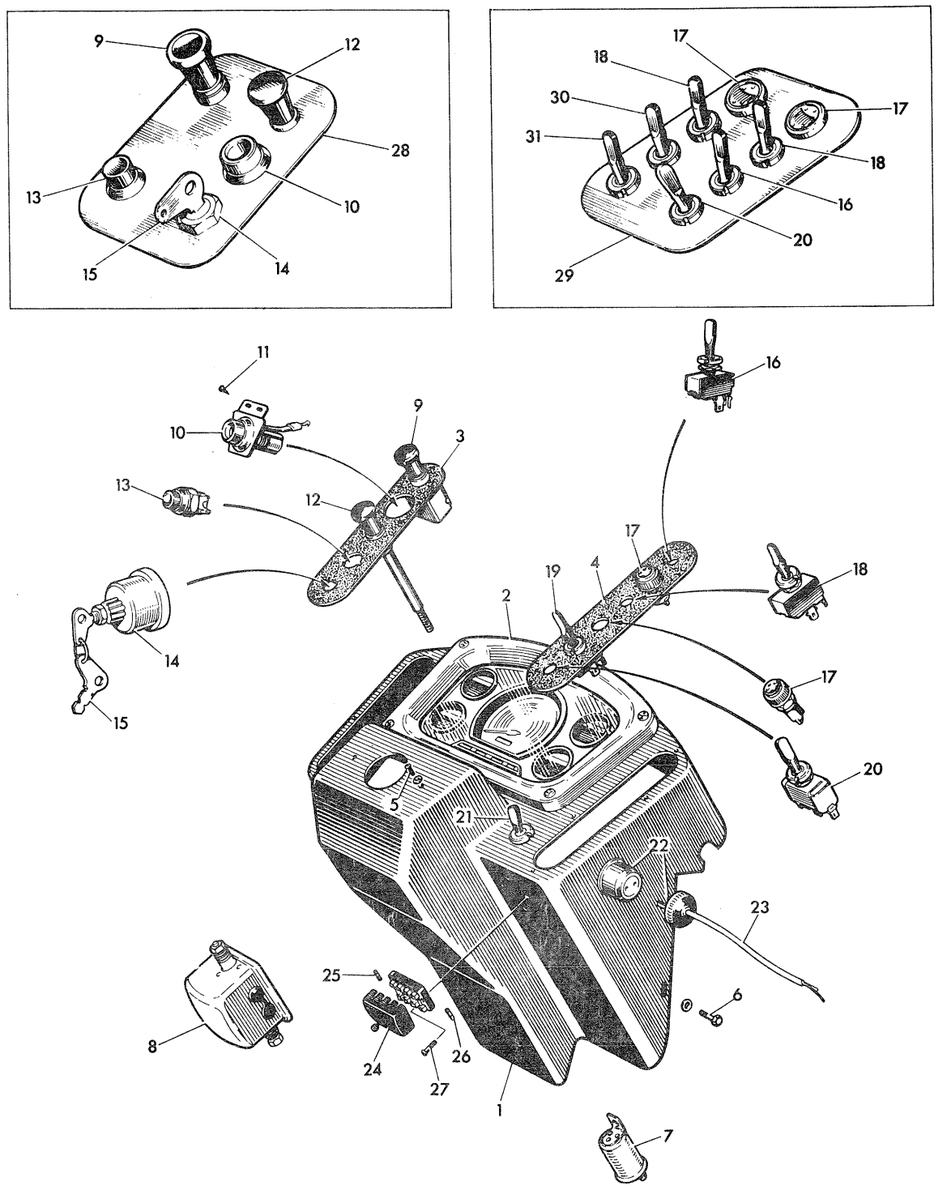


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
25	LWZ 408	....	:Spring Washer	....	1
26	ATJ 2066 BMK 622	Superseded	Horn Push	....	1
27	27H 3698	....	Light-Switch	....	1
28	27H 3699	....	Knob	....	1
29	ATJ 2068	....	Escutcheon Plate	....	1
30	702/00300	....	Warning Light(Blue)	....	2
31	704/00006	... .	Indicator Switch	....	1
32	G88/2 1430/0002	Superseded	Self Tapping Screw	....	2
33	703/07600 703/20100	Superseded	Flasher Unit	....	1
34	103/36200	....	Fuse Box	....	2
35	103/36201	....	Fuse	....	4
36	1360/0204	....	Screw	... .	4
	G14/41 1414/0011	Superseded	Washer	....	4
	1358/0203	....	Nut	....	4
37	200/09801	....	Heater Switch	....	1
38	703/21400	....	Cigarette Lighter	....	1
39	1360/0201	... .	Bolt	....	2
	G14/41 1414/0011	Superseded	Washer	....	2



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ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	106/42201 To M48172 106/72801		Instrument Panel Surround	....	1
	106/42204 To M48172 106/72802		Instrument Panel Surround	When Cab not fitted	1
	See Page TC 7	....	Instrument Panel Surround	When torque converter is fitted	
2	See Page 11.1	...	Instrument Cluster	....	1
3	106/42203 To M48172 Item 28		Switch Panel L.H.	....	1
	103/76002 To M48172 Item 28		Switch Panel L.H.	When Lighter is fitted	1
4	106/42202 To M48172 Item 29		Switch Panel R.H.	When 3 switches and 1 warning light are fitted	1
	103/76001 To M48172 Item 29		Switch Panel R.H.	When 4 switches and 2 warning lights are fitted	1
5	826/00003	....	Screw	....	2
	1414/0011	....	Washer	....	2
6	1300/0002 1305/0002	Superseded	Bolt	....	2
	1410/0001	....	Washer	....	2
7	704/00007	....	Flasher Unit-21 Watt	... .	1
	103/32800 703/07600 703/20100	Superseded Superseded	Flasher Unit-42 Watt	....	1
8	ATJ 8824	....	Regulator	....	1
9	200/09801	....	Heater Switch	....	1
	G81/0 828/00053	Superseded	Grommet	....	1
10	703/21400	....	Cigarette Lighter	....	1
11	1430/0105	....	Screw	....	2
12	103/75400 910/07900	Superseded	Engine Stop Control	....	1
13	ATJ 2066 BMK 622	Superseded	Horn Push	....	1
14	ATJ 2129 707/03200 701/02600	Superseded Superseded	Starter Switch	....	1
15	37H 1548 988/00177	Superseded	Key	....	2
16	703/01500	....	Side-Headlight Switch	....	1
17	702/00300	....	Warning Light (Blue)	....	2
	106/51901	....	Grommet-Blanking	JCB 3C German	1



885A

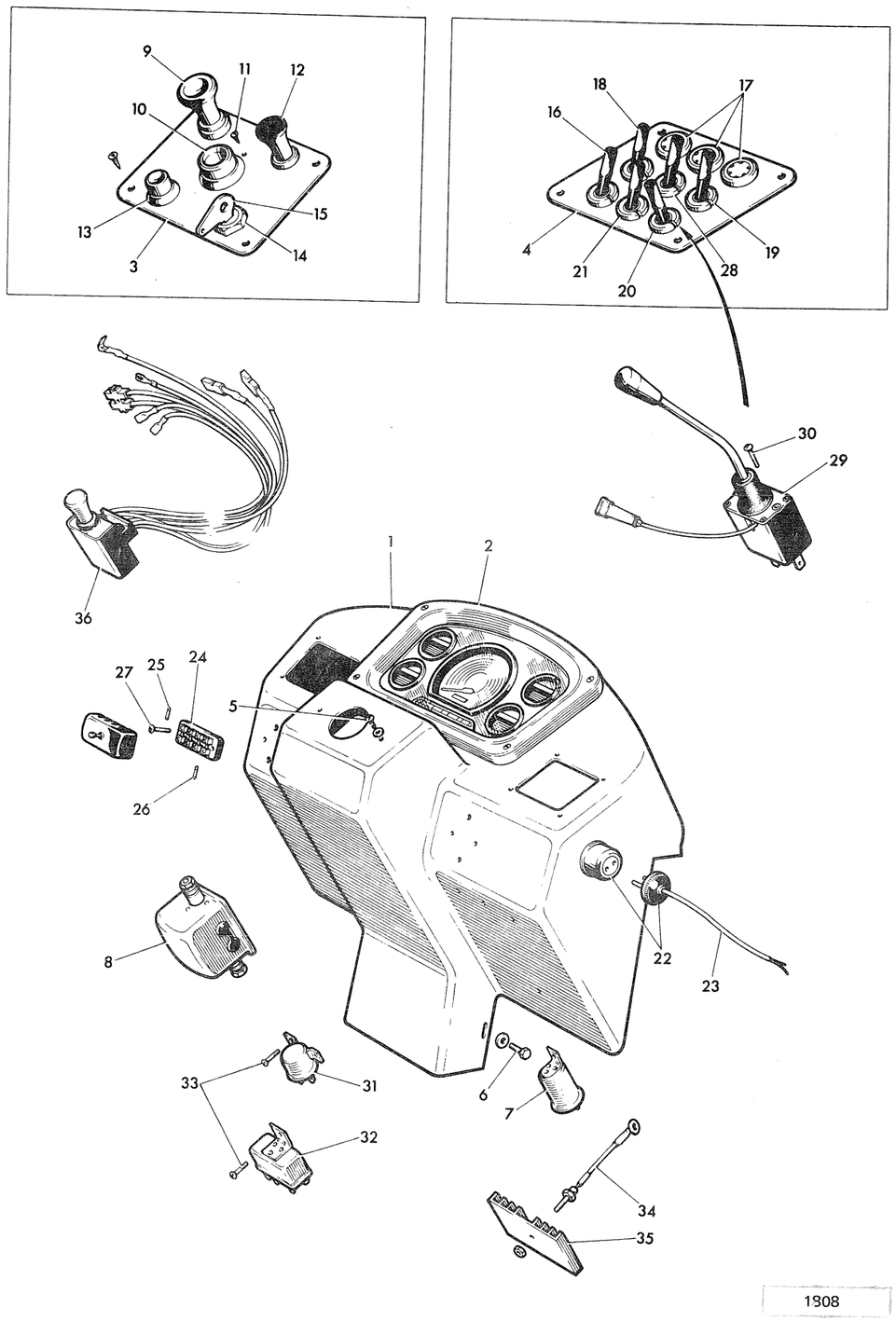
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
18	703/01600		Working Light Switch	....	1
	703/00400		Working Light Switch	JCB 3C Austrian	1
19	703/01600		Working Light Switch	....	1
	703/01800		Dip/Change Over Switch	JCB 3C German & Austrian	1
20	703/00400		Flasher Switch	....	1
21	703/01800		Dip/Change Over Switch	JCB 3D German & Austrian	1
22	103/35003		Kettle Plug and Socket	JCB 3D	1
	1430/0105		Screw	....	2
23	703/08900		Kettle Lead	... .	1
24	703/07800		Fuse Box	....	2
25	703/07801		Fuse 25-40 Amp	....	2
26	703/07802		Fuse 8-16 Amp	....	6
27	826/00003		Screw	....	4
	1414/0011		Washer	....	4
	1358/0203		Nut	....	4
28	106/72804		Switch Panel-L.H.	....	1
	106/72805		Switch Panel-L.H.	....	1
29	N.S.P.		Switch Panel-R.H.	Was 106/72803	1
30	703/01800		Switch	....	1
31	703/01600		Beacon Light Switch	....	1

MK

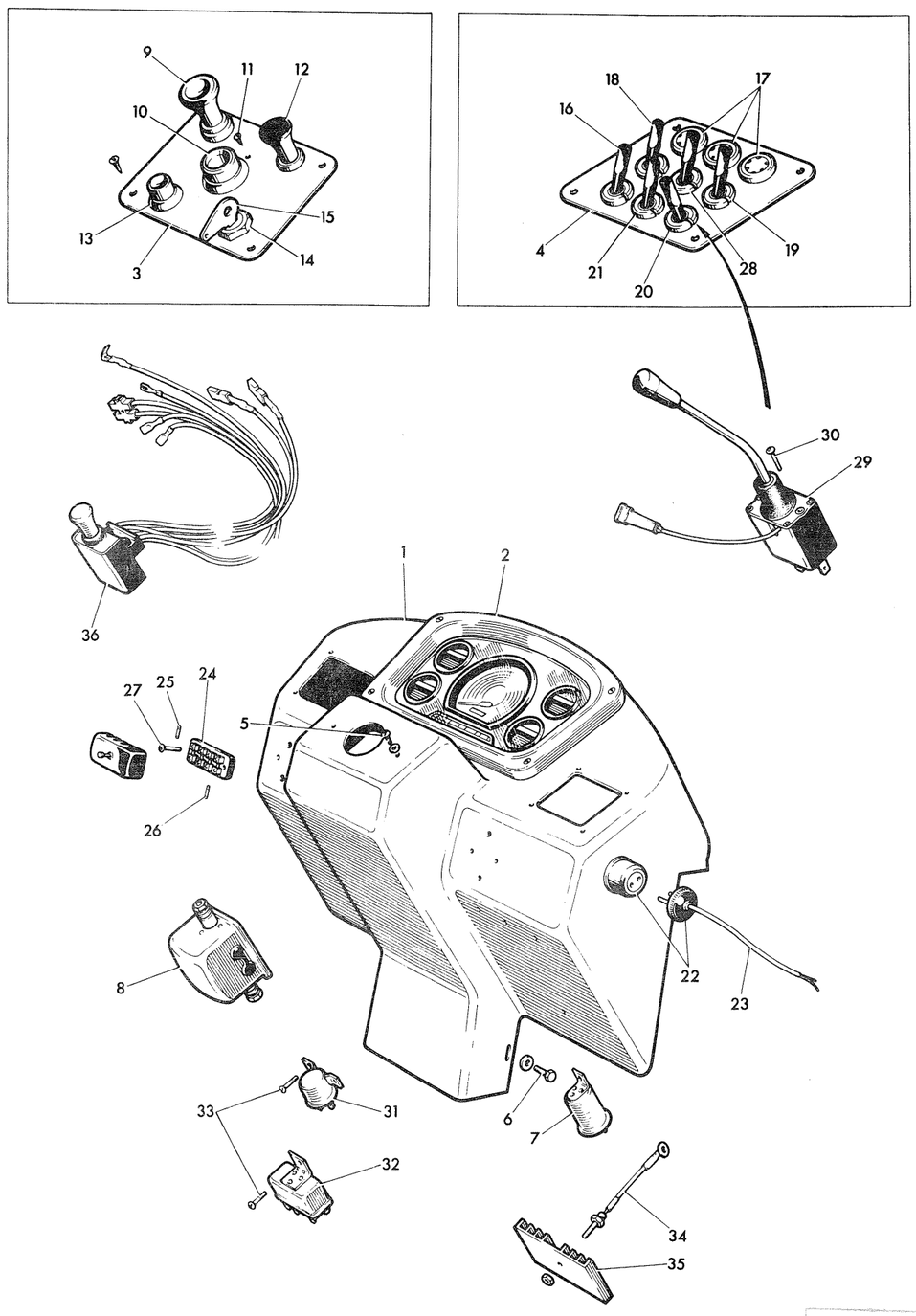
Page MK15-1 to MK16

MK 15–1 INSTRUMENT PANEL

110M **ISSUE** 4



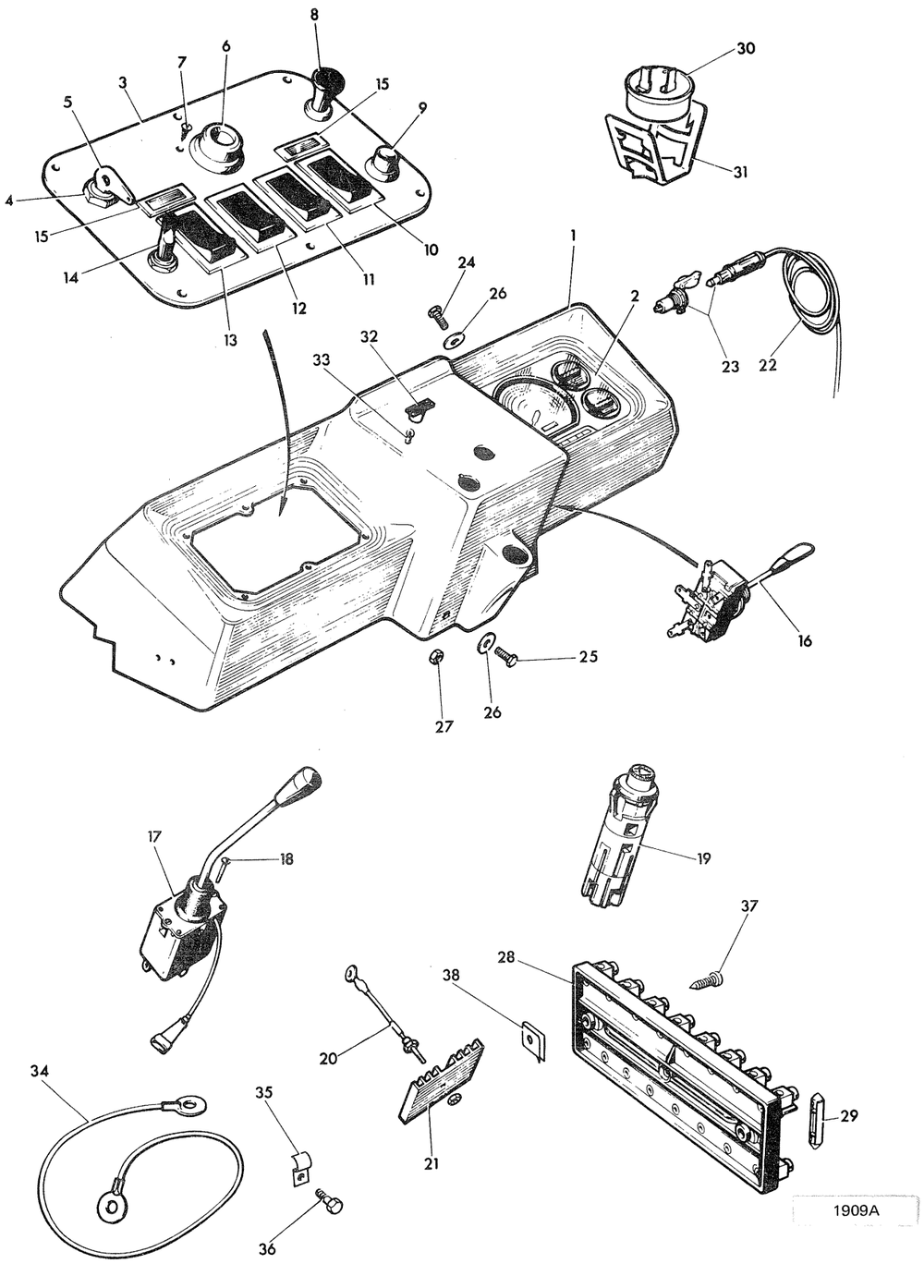
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	106/78701	....	Panel Surround	....	1
	106/78702	....	Panel Surround	When Cab not fitted	1
	See Page TC7	....	Panel Surround	Torque Converter m/c	1
2	See Page 11.1	....	Instrument Cluster	....	1
3	106/78704	....	Switch Panel L.H.	....	1
	106/78705	....	Switch Panel L.H.	When Lighter is fitted	1
4	N.S.P.	....	Switch Panel R.H.	Was 106/78703	1
	106/77502	... .	Switch Panel R.H.	Use with item 29	1
5	1430/0102	....	Screw	Panel to Surround	8
	826/00003	....	Screw	....	2
	1414/0011	....	Washer	....	2
6	1305/0002	....	Bolt	... .	2
	1410/0001	....	Washer	....	2
7	703/07600 Superseded 703/20100		Flasher Unit-42 watt	....	1
8	ATJ 8824	....	Regulator	....	1
9	See m/c Catalogue		Heater Switch	Was 703/06600	1
	828/00053	....	Grommet	Heater Switch Blanking	1
10	703/21400	....	Cigarette Lighter	....	1
11	1430/0105	....	Screw	Lighter to Panel	2
12	103/75400 Superseded 910/07900		Engine Stop Control	....	1
13	ATJ 2066 Superseded BMK 622		Horn Push	....	1
	2410/1008	....	Grommet	Horn Push Blanking	1
14	707/03200 Superseded 701/02600		Starter Switch	....	1
15	707/03201 Superseded 37H 1548 Superseded 988/00177		Key	....	2
16	703/01500	....	Side-Headlight Switch	....	1
17	702/00300	....	Warning Light (Blue)	....	3
	2410/1007	....	Grommet	Warning Light Blanking	As Reqd.
18	703/01600	....	Working Light Switch	....	1
19	703/01600	....	Working Light Switch	....	1
20	703/00400	....	Flasher Switch	....	1
21	703/01800	....	Dip Switch	....	1
	828/00053	....	Grommet	....	As Reqd.
22	703/10000	....	Plug and Socket	....	1
	1430/0105	....	Screw	....	2



1908

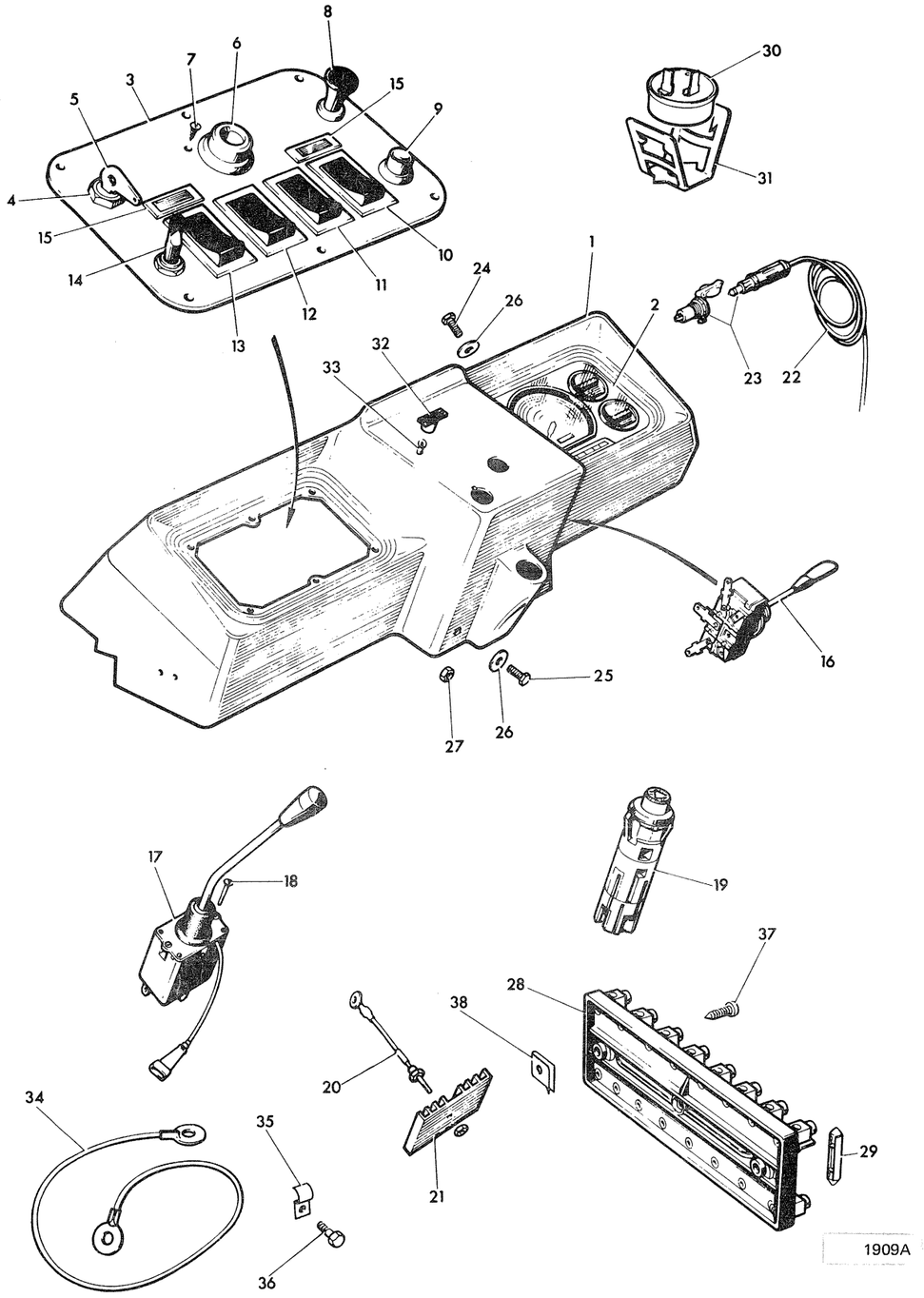
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
23	703/08900 703/16400	To M50415	Lead(Kettle)	....	1
24	703/07800	....	Fuse Box	....	2
25	703/07801	....	Fuse 25-40 amp.	....	2
26	703/07802	....	Fuse 8-16 amp	....	6
27	826/00003	....	Screw	....	4
	1414/0011	....	Washer	....	4
	1358/0203	....	Nut	....	4
28	703/01600	....	Beacon Light Switch	....	1
29	703/12000	M50753 on	Switch	Austrian machines only	1
30	826/00006		Screw		2
31	703/12100		Relay		1
32	703/12200		Relay		1
33	826/00003		Screw		3
	1358/0203		Nut		3
34	703/12300		Diode		1
35	106/77503		Heat Sink		1
36	703/13600	....	Hazard Warning Switch	German machines only	1

MK 15–2 INSTRUMENT PANEL



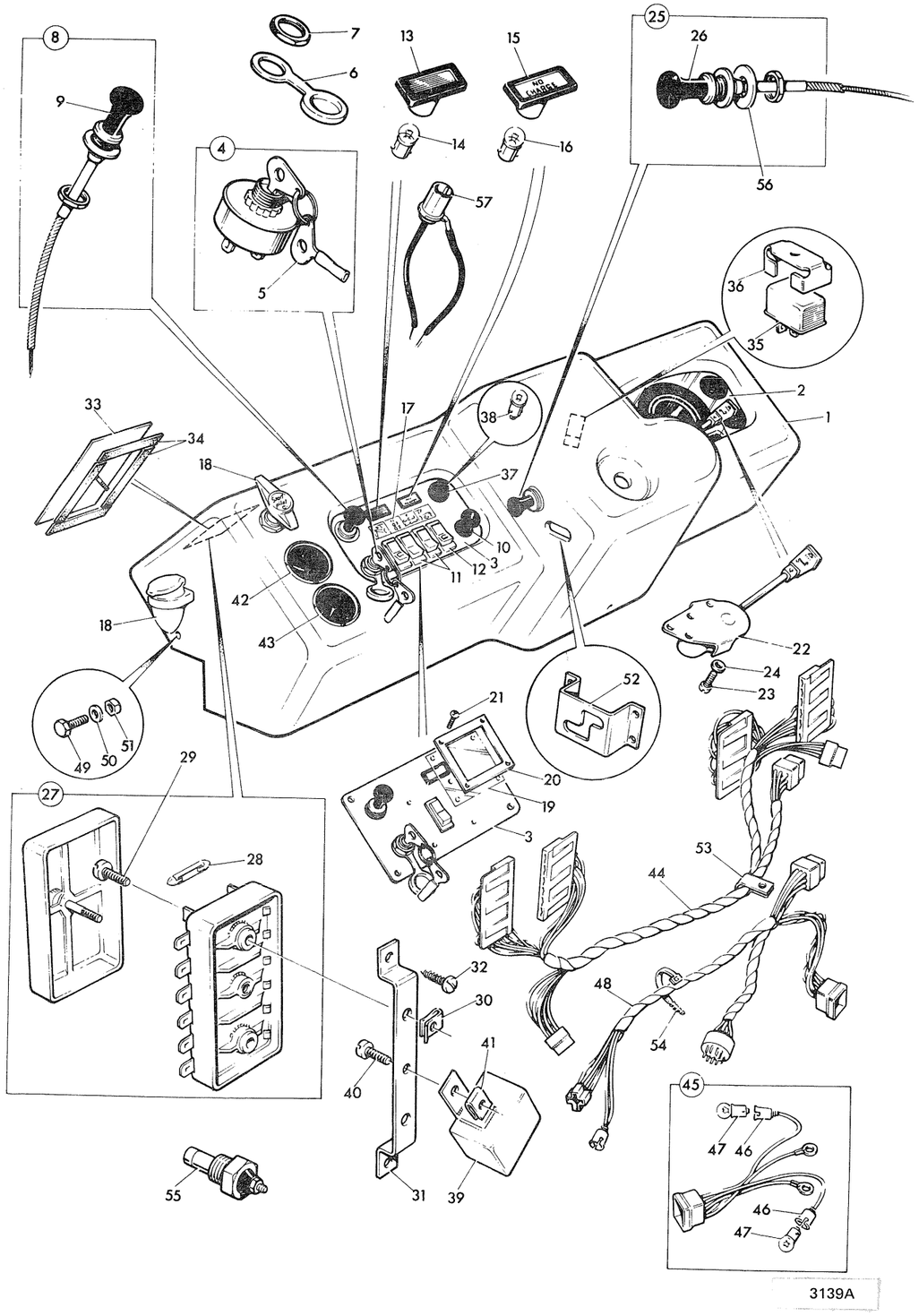
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	106/96201 106/81601	Superseded	Panel Surround	....	1
	106/81606	....	Panel Surround	When Cab is not fitted	1
	See Page TC7	Panel Surround		Torque Converter machines	1
2	See Page 11-1	....	Instrument Cluster	....	1
3	106/81604	....	Switch Panel	....	1
	106/81605	....	Switch Panel	With Lighter	1
	106/84002	....	Switch Panel	Austrian	1
	106/84001 106/91801	To M56867	Switch Panel	Austrian with Lighter	1
	106/81602	....	Rivet	Panel to Surround	6
4	707/03200 701/02600	Superseded	Starter Switch	....	1
5	37H 1548 988/00177	Superseded	Key	Was 707/03201	2
6	N.S.P.	....	Cigarette Lighter	....	1
7	1430/0105	....	Screw	....	2
8	103/75400 910/07900	Superseded	Engine Stop Control	Outer Cable 64.1/2in. Long(1638.3mm) Inner Cable 67in.Long (1701.8mm)	1
9	ATJ 2066 BMK 622	Superseded	Horn Push	....	1
	2410/1008	....	Grommet	....	1
10	703/13900	....	Switch	Front Working Light	1
11	703/14600	....	Dipswitch	....	1
12	703/14500	....	Switch	Side & Head Light	1
13	703/14400	....	Switch	Rear Working Light	1
14	See m/c Catalogue		Heater Switch	Was 703/06600 & 707/07800	1
	828/00053	....	Grommet	Heater Switch Blanking	1
15	703/14100	....	Warning Light	....	2
16	703/14000	....	Indicator Switch	....	1
17	703/12000	....	Switch	Austrian machine	1
18	826/00006	....	Screw	....	2
19	703/13600 529/04703	To M57419	Hazard Warning Switch	.... Austrian machines	1
20	703/12300	....	Diode	....	1
21	106/77503	....	Heat Sink	....	1

MK 15–2 INSTRUMENT PANEL



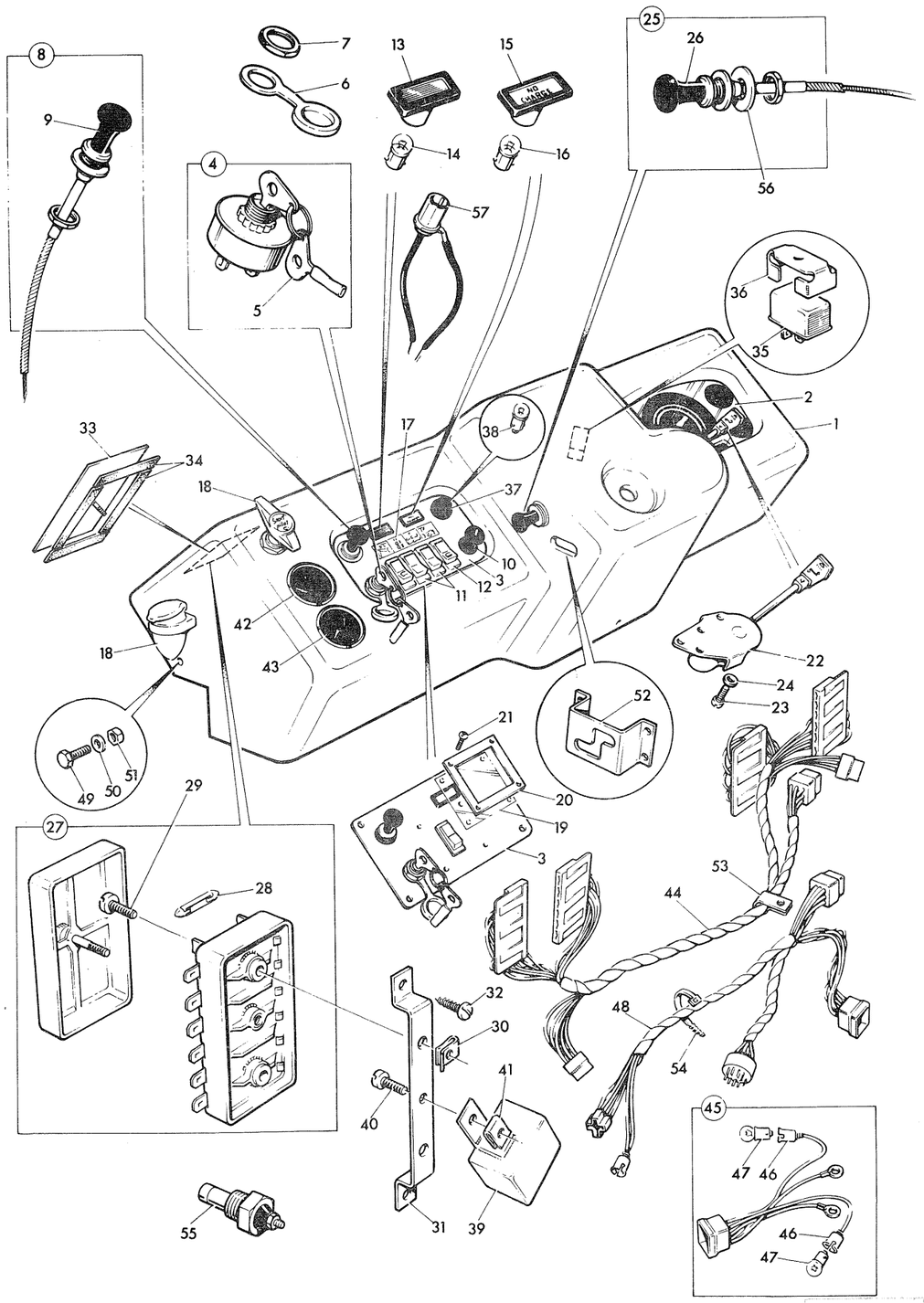
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
22	703/16400 703/24100	To M61767	Kettle Lead	....	1
23	703/16500 703/30700	To M61767	Kettle Plug & Socket	....	1
	106/81608	M58350 on	Stop Control Bracket	Not illustrated	1
24	1305/0003	....	Set Pin	....	2
25	1305/0005	... .	Set Pin	....	4
26	1412/0001	....	Washer	....	6
27	1340/0003	....	Nut	... .	2
28	703/14200	....	Fuse Carrier	....	1
29	703/07802	....	Fuse 8 to 16 amp	....	8
30	703/20100	....	Flasher Unit 42 watt	....	1
	703/17900 703/29000	To M61767	Flasher Unit	German & Austrian	1
31	106/89103 826/00261	Superseded	Flasher Clip	....	1
32	703/31800 700/00500 700/01800	Superseded Superseded	Warning Light	....	1
33	720/10023 700/01800	Superseded	Bulb	....	1
34	707/01700	M61768 on	Earth Lead Wiper	....	1
	703/12500	M61768 on	Earth Lead Panel	....	1
35	703/26501	M61768 on	Clip	....	9
36	1305/0002	M61768 on	Bolt	....	9
37	826/00023	....	Bolt	....	2
38	826/00021	....	Nut	....	2

MK 15–3 INSTRUMENT PANEL



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS		QTY.
1	106/09001	....	Instrument Panel-STD machines	....	1	
	529/12500 529/26700	Superseded	Instrument Panel-Cabless machines	....		1
	106/09101	....	Instrument Panel-T.C. machines	....	1	
	108/79802	....	Instrument Panel-T.C. m/c's Swedish & American	....	1	
	529/12600 529/26600	Superseded	Instrument Panel-T.C. Cabless machines	....	1	
2	See Index	....	Instrument Cluster	....	1	
3	106/09102	....	Switch Panel	STD m/c's		1
	529/13501	....	Switch Panel	Cabless m/c's	1	
	106/09601	....	Switch Panel	German/Austrian/ Swiss	1	
4	703/04900 707/03200 701/02600	Superseded Superseded	Ignition Switch	....	1	
5	707/03201 37H 1548 988/00177	Superseded Superseded	:Key	Correction was 703/03201	2	
6	256/05708	... .	Cap	....	1	
7	826/00270	....	Nut	....	1	
8	910/07900	....	Stop Cable	Simms Pump	1	
	910/08100 910/08700	Superseded	Stop Cable	C.A.V.D.P.A. Pump	1	
9	910/08101 910/08701	Superseded	:Inner Cable	....		1
10	703/21400	....	Cigar Lighter	....	1	
11	701/00200	....	Switch	....	2	
12	713/02300	....	Switch	....	2	
13	700/00800 700/01900	To M107003	Warning Light	Indicator	1	
14	720/10023	....	Bulb	....		1
15	700/00500 700/01800	Superseded	Warning Light	....	1	
16	720/10023	....	Bulb	....		1
17	817/00161	....	Label	....	1	
18	See Index EA	....	Start Pilot	....	1	
19	529/13503	... .	Switch Cover	....	1	
20	529/13502	... .	Switch Cover Surround	Cabless m/c's	1	
21	1430/0101	....	Screw	....	4	

MK 15–3 INSTRUMENT PANEL

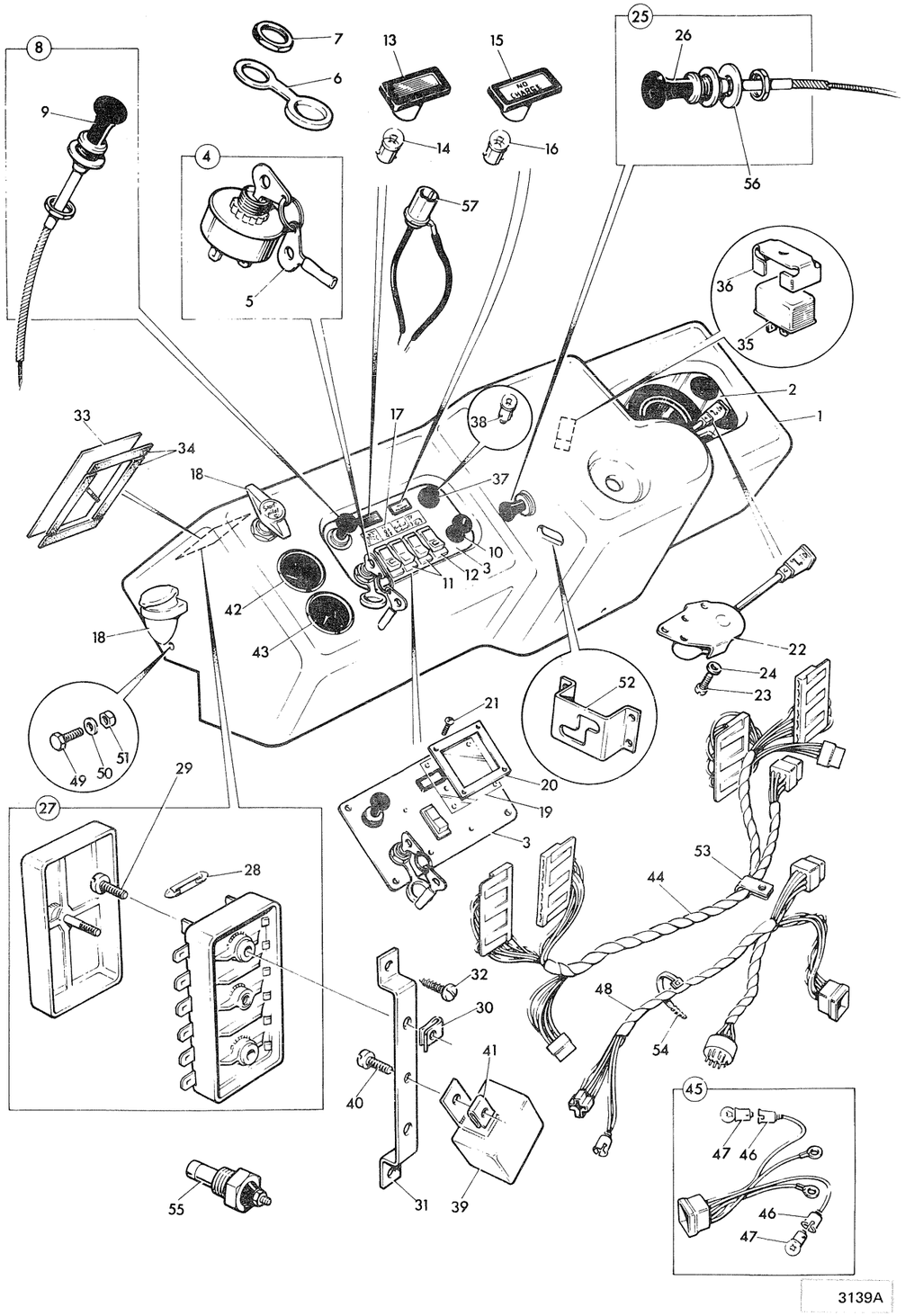


3139A

ITEM	PART No.	CHANGE No.		DESCRIPTION	REMARKS	QTY.
22	703/32300	....	....	Column Switch	....	1
23	826/00138	....	....	Screw	... .	2
24	1414/0009	....	....	Washer	....	2
25	910/08000	....	....	Cold Start Cable	C.A.V.D.P.A.Pump	1
26	910/08001	....	....	:Inner Cable	....	1
27	716/00500	....	....	Fuse Box	... .	2
28	703/07802	....	....	:Fuse 8 amp	....	6
	703/07804	....	....	Fuse 16amp	Coffee Maker	1
29	826/00023	....	....	Screw	....	4
30	826/00021	....	....	'U'Nut	....	4
31	106/09103	....	....	Bracket	....	2
32	1430/0302	....	....	Screw	....	4
33	529/13504	....	....	Cover	.... Cabless m/c's	2
34	824/50012	....	....	Strip	....	As Reqd.
35	716/00300	....	....	Flasher Unit	....	1
36	826/00261	....	....	Spring Clip	....	1
37	529/04703	To M105514		Hazard Warning Switch	....	1
	701/00800					
38	720/10023	....	....	Bulb	....	1
39	703/31201	....	....	Warning Unit	German Only	1
	529/07802	To M105514		Warning Unit	All m/c's apart from German	1
	716/00600					
40	826/00273	Superseded		Screw	....	2
	1430/0105					
41	826/00022	....	....	'U'Nut	....	2
42	703/09400	....	....	Oil Temperature Gauge	... .	1
43	446/02802	....	....	Oil Pressure Gauge	....	1
44	706/01400	....	....	Panel Harness	....	1
45	706/01600	....	....	T.C.Light Harness	....	1
46	707/02300	....	....	:Bulb Holder	....	2
47	720/20037	....	....	:Bulb	....	2
48	706/01500	....	....	Hazard Warning Harness	German Only	1
	706/01800	To M105514		Hazard Warning Harness	All m/c's apart from German	1
	706/04300					
49	1305/0008	...	....	Bolt	....	3
50	1412/0001	....	....	Washer	....	3

MK 15–3 INSTRUMENT PANEL

110M **ISSUE** 3

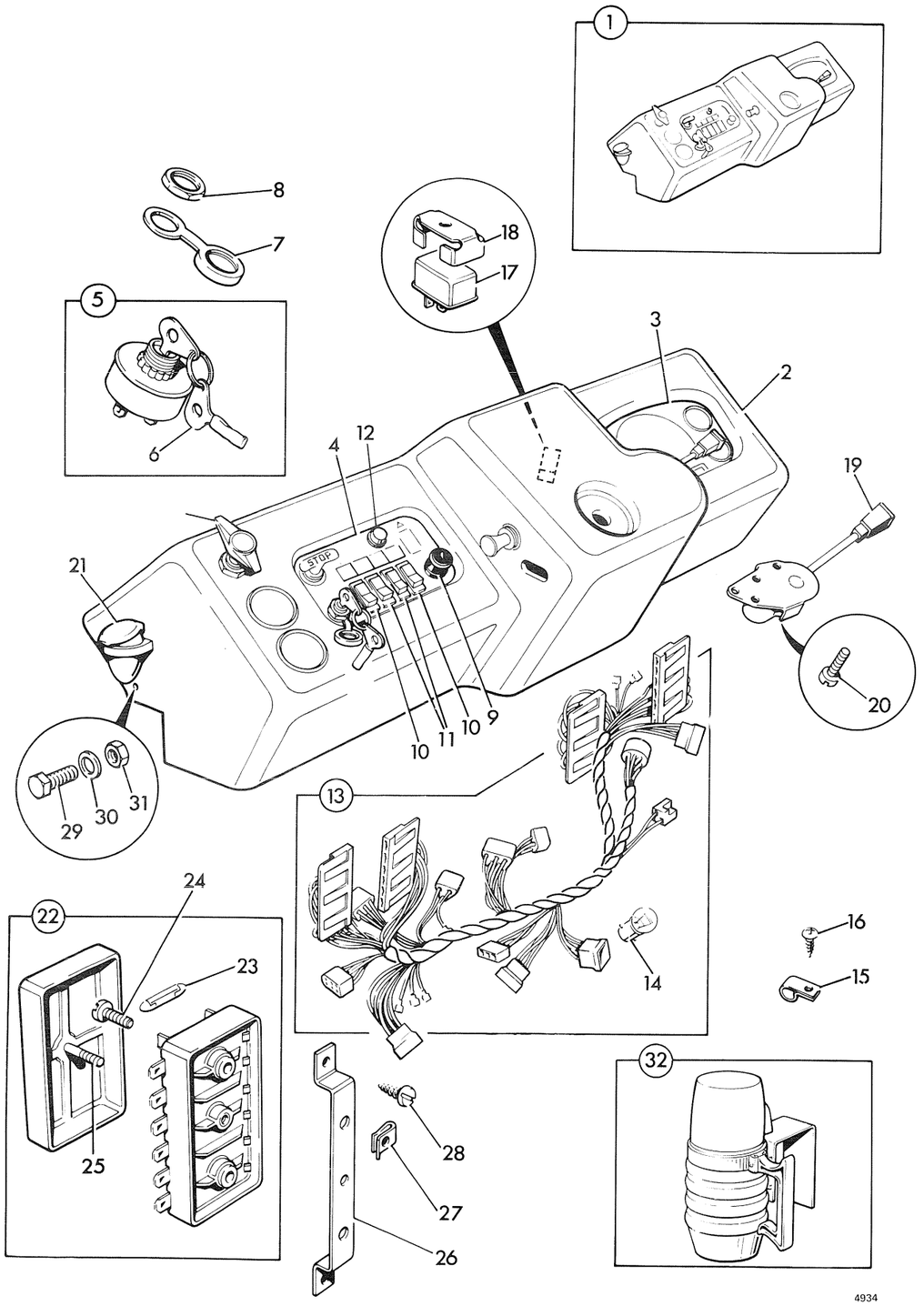


3139A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
51	1340/0003	... .	Nut	....	3
52	446/27801	... .	Gate-T.C.m/c's	....	1
53	826/00272	....	Clip	....	1
54	204/07006	....	Cable Tie	....	1
55	703/09500	....	Sender Unit	T.C.	1
56	106/09104	....	Plate	....	1
57	990/46200	....	Warning Light Kit	....	As Reqd.
58	108/67700	....	Coffee Maker Kit	....	1
59	826/00284	....	Bolt	....	2
60	256/05707	....	Bracket-Lamp T/C	....	1
61	720/10046	....	Bulb	....	1

MK 15–4 INSTRUMENT PANEL MANUAL TRANSMISSION

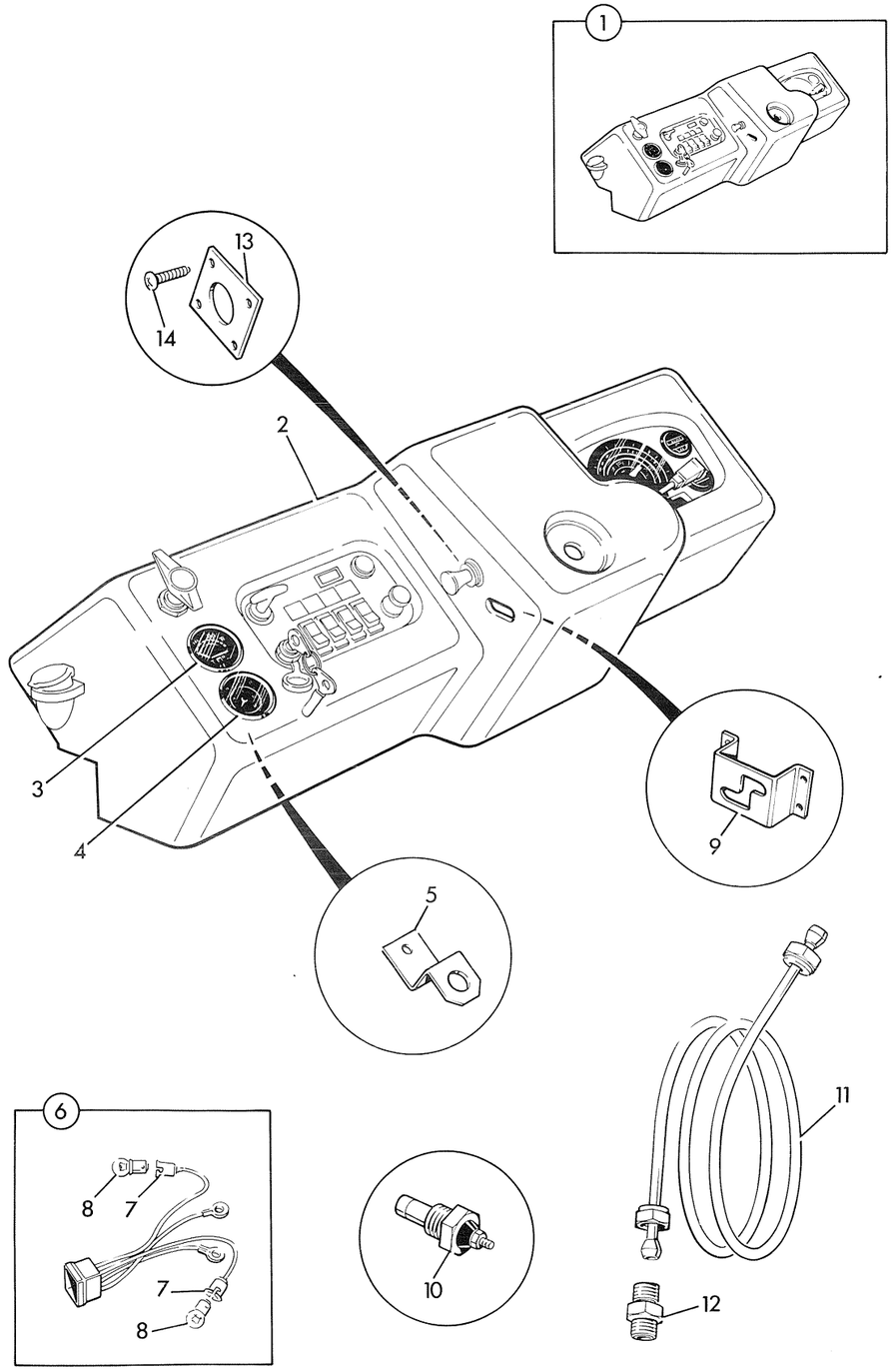
110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	106/09000 See Page	....	Panel Assembly Panel Assembly-German	....	1
2	106/09002 106/09003	Superseded	:Panel	....	1
3	See Index	....	:Cluster	....	1
4	107/85701 107/85702	To M	:Plate	....	1
5	707/03200 701/02600	Superseded	:Ignition Switch	....	1 1
6	37H1548 988/00177	Superseded	::Key	....	2
7	256/05708	....	:Cap	....	1
8	826/00270	....	:Nut	....	1
9	703/21400 717/01700	Superseded	:Cigar Lighter	Correction was 707/01700	1
10	701/01200	....	:Switch	Two Position	2
11	701/01300	....	:Switch	Three Position	2
12	700/05100	....	:Warning Light	Ignition	1
13	706/13900	....	:Panel Harness	....	1
14	720/10046	....	::Bulb	....	1
15	826/00272	....	:Clip	....	1
16	827/00271	....	:Screw	....	4
17	716/00300	....	:Flasher Unit	....	1
	716/00400	....	:Flasher Unit	Austrian/Swiss	1
18	826/00261	....	:Clip	....	1
19	703/32300	....	:Column Switch	....	1
20	826/00138	....	:Screw	....	2
21	See Index	To M130442	:Start Pilot	....	1
22	716/00500	....	:Fuse Box	....	@
23	703/07802	....	::Fuse	....	6
	703/07804	....	::Fuse	Coffee Maker	1
24	826/00023	....	:Screw	... .	4
25	826/00023	....	:Screw	....	4
26	106/09103	... .	:Bracket	... .	2
27	826/00021	....	:U Nut	....	2
28	1430/0302	....	:Screw	... .	4
29	1305/0208	....	Bolt	....	3
30	1411/0003	....	Washer	....	3
31	826/00079	....	Nut	....	3
32	108/67700	....	Coffee Maker Kit	....	1

MK 15–5 INSTRUMENT PANEL T/C TRANS

110M **ISSUE** 1



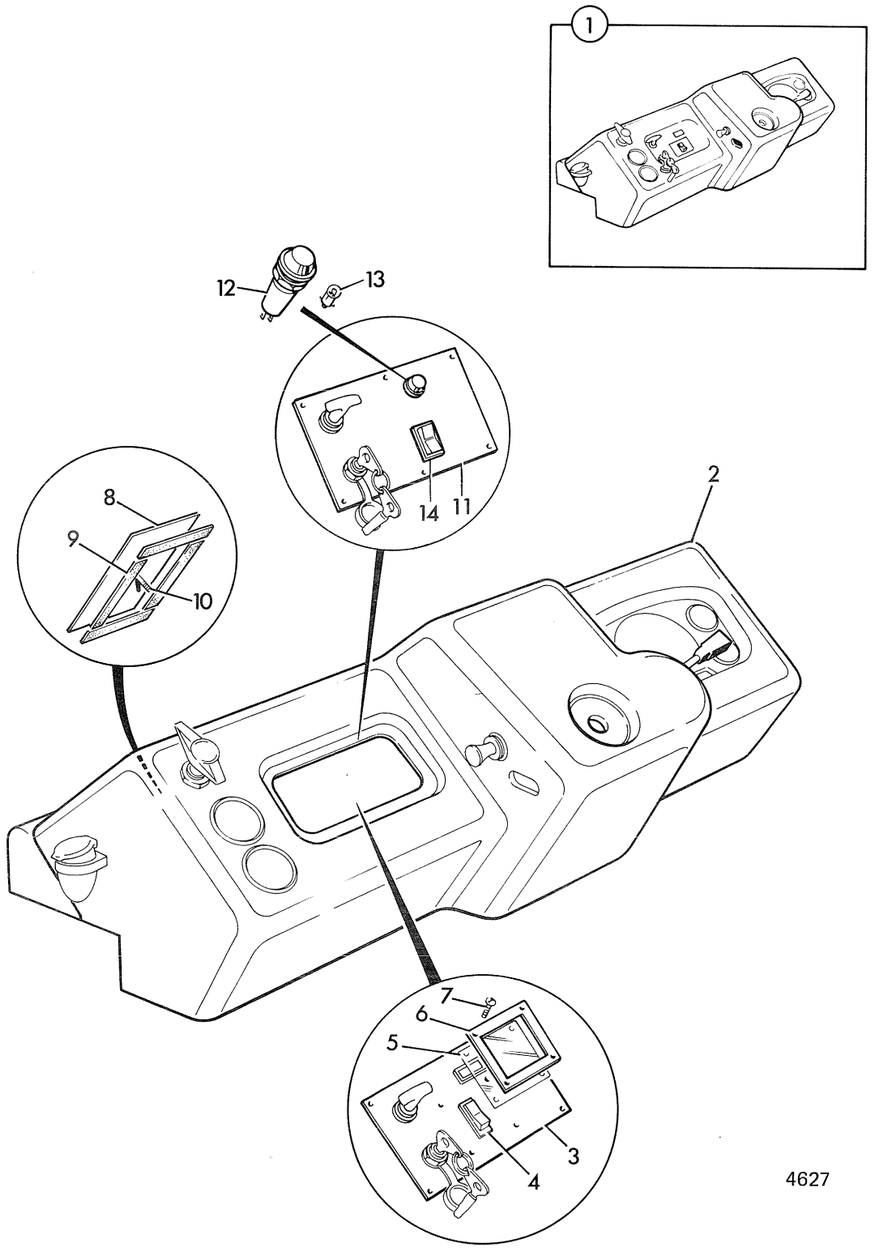
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	106/09100		Panel Assembly	....	1
	See Page C 3-6-1		Panel Assembly-German	....	1
2	106/09105		:Panel	....	1
3	703/09400		:Gauge	Oil Temperature	1
4	446/02802		:Gauge	Oil Pressure	1
5	256/05707		:Bracket	....	1
6	706/01600		:Harness	....	1
7	707/02300		::Bulb Holder	....	2
8	720/10023		::Bulb	....	2
9	446/27801		:Gate	....	1
10	703/09500		Sender Unit	....	1
11	106/73100		Pipe	Oil Pressure	1
12	1609/0001		Adapter	....	1
13	106/09104		Plate	....	1
14	1430/0105		Screw	....	2

NOTE: For other components see Manual Transmission Machine Build

4626 A

MK 15–6 INSTRUMENT PANEL—CABLESS

110M **ISSUE** 1

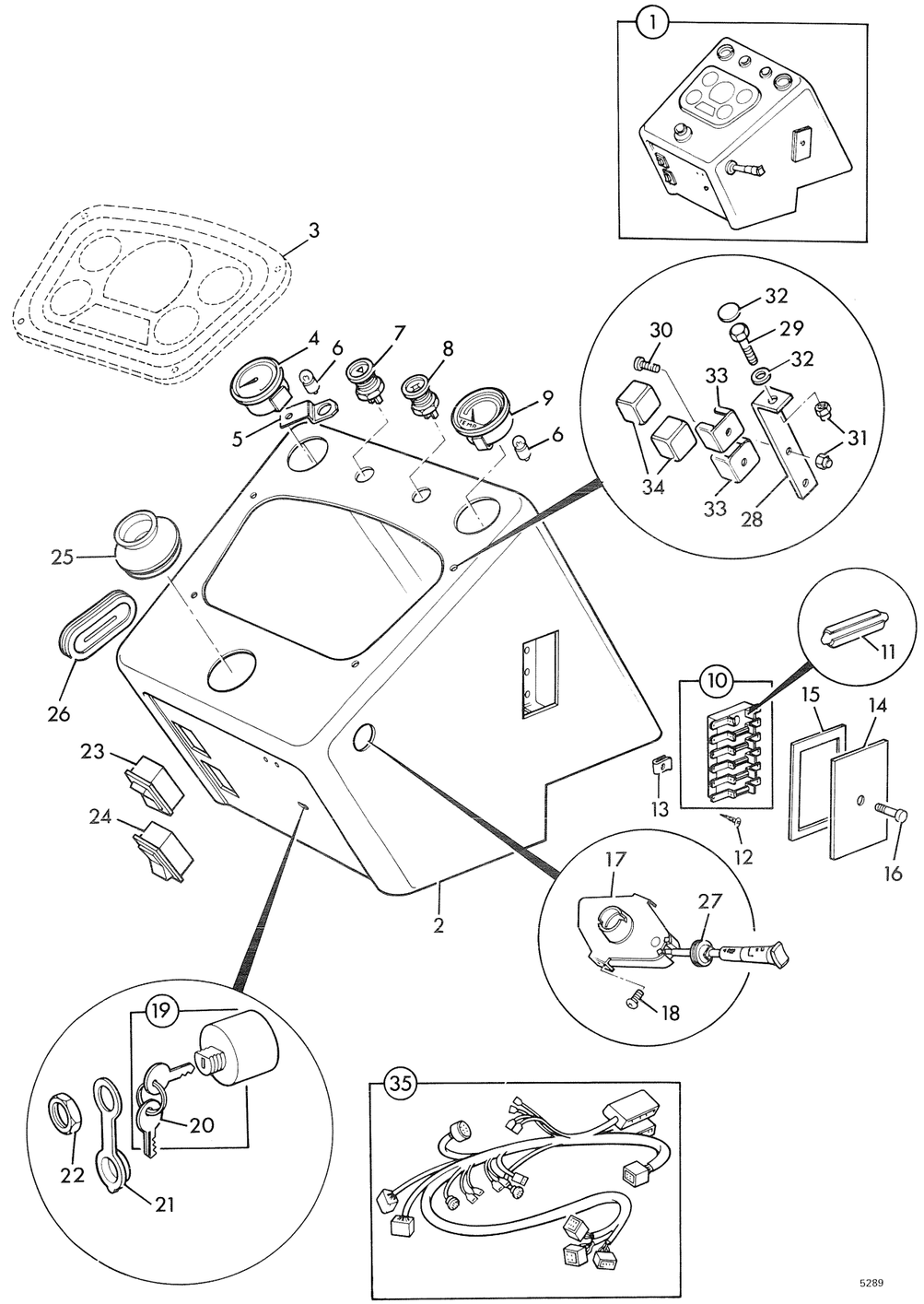


4627

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	529/13600	....	Panel Assembly	Manual Transmission	1
	529/13500	....	Panel Assembly	Torque Converter Transmission	1
2	107/84600	....	:Panel	Manual Transmission	1
	107/84500	....	:Panel	Torque Converter Transmission	1
3	529/13501	....	:Plate	....	1
4	701/00200	....	:Switch	....	1
5	529/13503	To M127646	:Cover	....	1
6	529/13502	....	:Surround	....	1
7	826/00271	....	:Screw	....	1
8	529/13504	....	:Cover	....	2
9	824/50012	....	:Seal	....	As Reqd.
10	826/00284	....	:Screw	... .	2
11	107/85901		:Plate	....	1
	107/85902				
12	700/05100	on	:Light	....	1
13	720/10046		:Bulb	....	1
14	701/01300		:Switch	....	1

MK 15–7 INSTRUMENT PANEL CANOPY/CABLESS

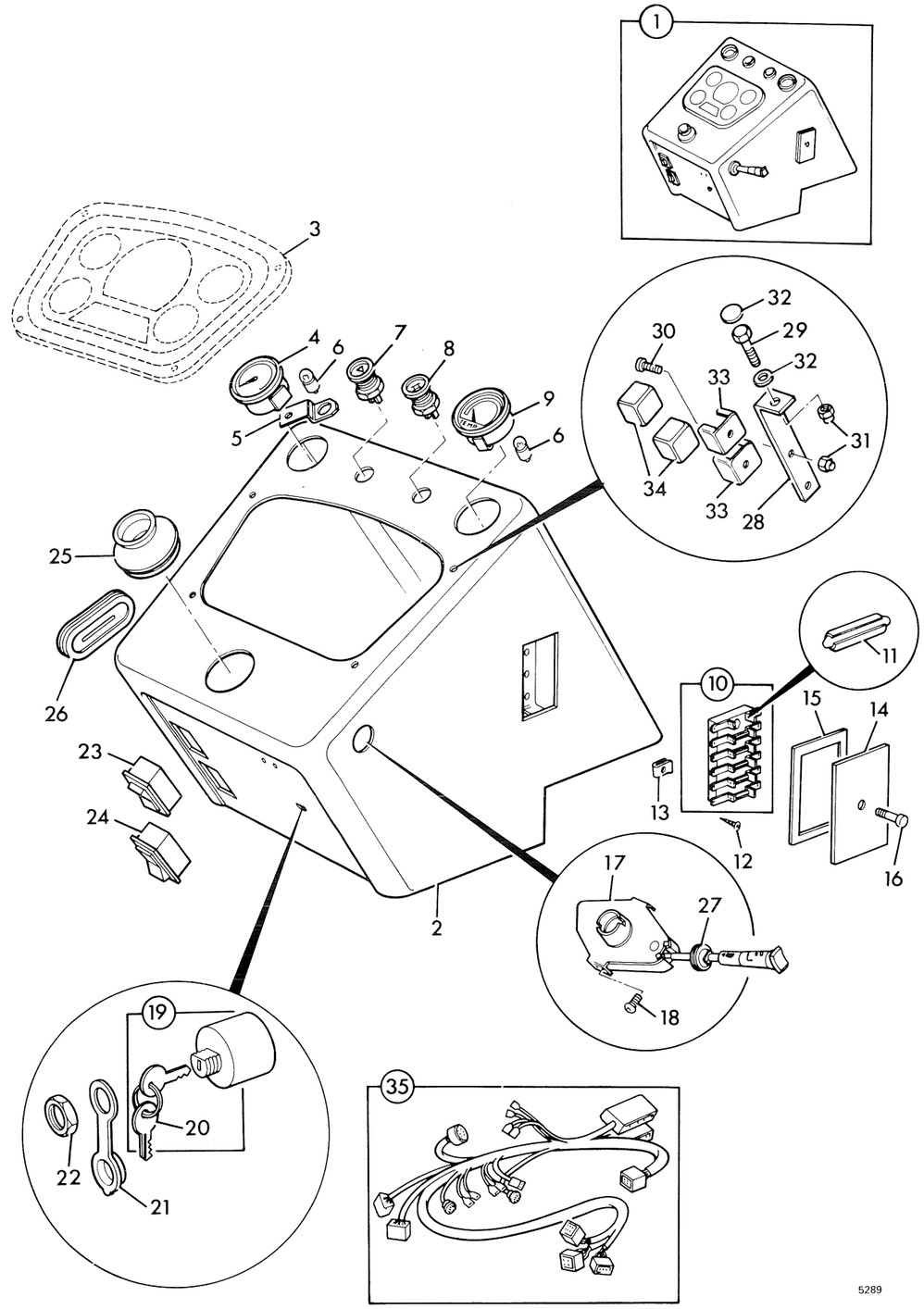
110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	109/71000	....	Instrument Panel	Manual Transmission	1
	109/68800	....	Instrument Panel	T/C Transmission	1
2	109/71100 109/75200	Superseded	:Panel	Manual Transmission	1
	109/68900 109/75100	Superseded	:Panel	T/C Transmission	1
3	See Index	....	:Cluster	... .	1
4	446/02802	....	:Gauge-Oil Pressure	T/C Transmission	1
5	256/05707	....	:Bracket	T/C Transmission	1
6	720/10046	....	:Bulb	12V	4
7	700/05300	....	:Warning Light	....	1
8	700/05100	....	:Warning Light	....	1
9	703/09400	....	:Gauge-Oil Temperature	T/C Transmission	1
10	706/00500	....	:Fuse Box	....	1
11	703/07802	....	::Fuse	....	6
12	826/00023	....	:Screw	....	2
13	826/00021	....	:'U'Nut	... .	2
14	529/13504	....	:Cover	....	1
15	824/50012	....	:Seal	....	As Reqd.
16	826/00284	....	:Screw	....	1
17	703/32300	... .	:Switch	....	1
18	1430/0301	....	:Screw	....	4
19	701/02600	....	:Switch-Ignition	....	1
20	37H1548 988/00177	Superseded	::Key	....	2
21	256/05708	....	:Cap	....	1
22	826/00270	....	:Nut	... .	1
23	701/01300	....	:Switch	3 Position	1
24	701/01900	....	:Switch	Hazard Warning	1
25	109/68801	....	:Gaiter	....	
26	109/68803	....	:Gaiter	T/C Machine only	1
27	109/68802	... .	:Gaiter	....	1
28	109/68804	....	:Bracket	....	1
29	1360/0208	....	:Bolt	....	1
30	1360/0202	... .	:Bolt	... .	2
31	1358/0203	....	:Nut	....	3
32	835/00019	....	:Cap	....	4

MK 15-7 INSTRUMENT PANEL CANOPY/CABLESS

110M **ISSUE** 1

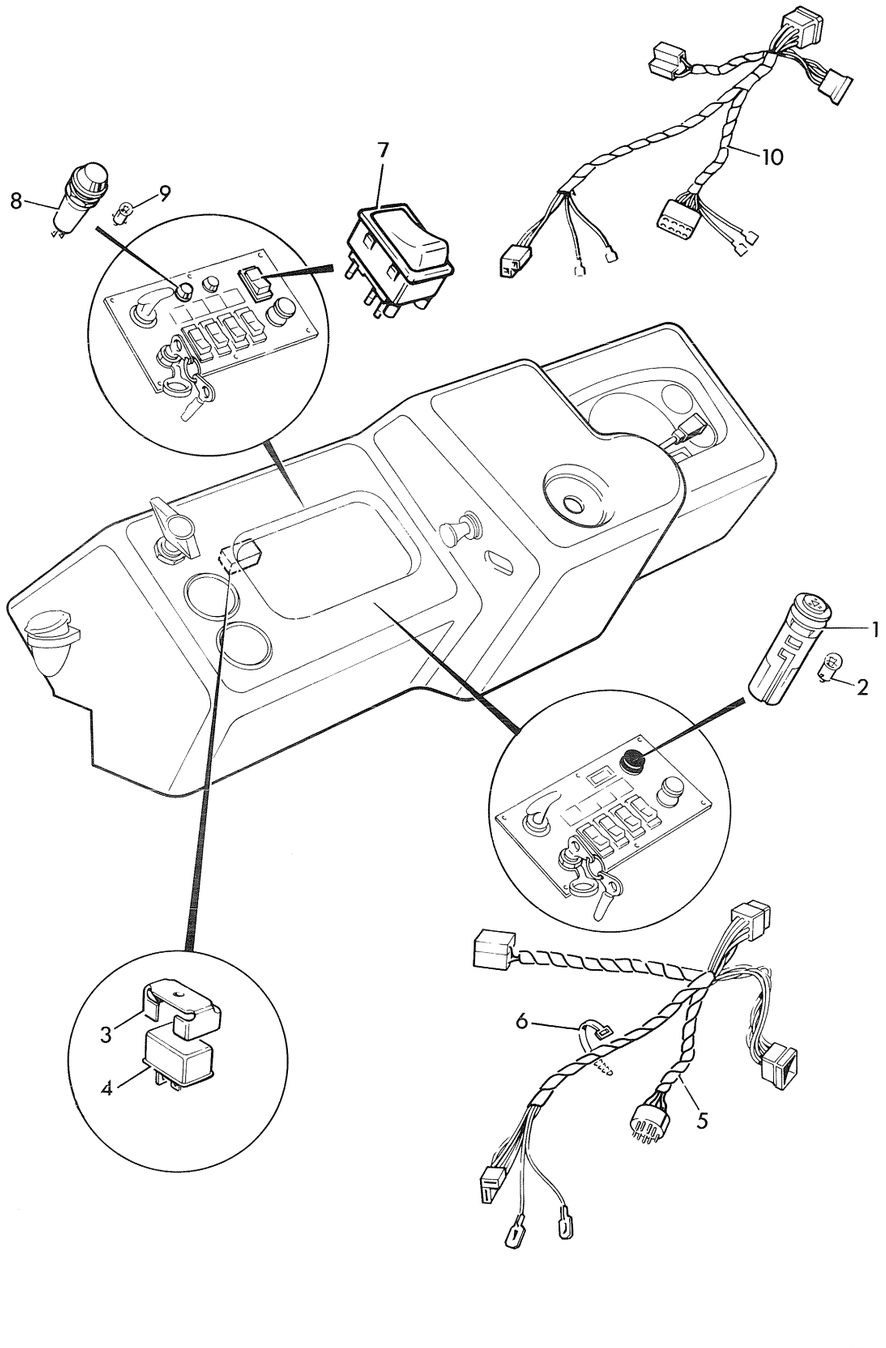


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
33	826/00261	....	:Clip	....	2
34	716/00600	....	:Flasher Unit	....	2
35	706/16600	....	:Panel Harness	....	1

5289

MK 15–8 HAZARD WARNING—U.K.

110M **ISSUE** 1

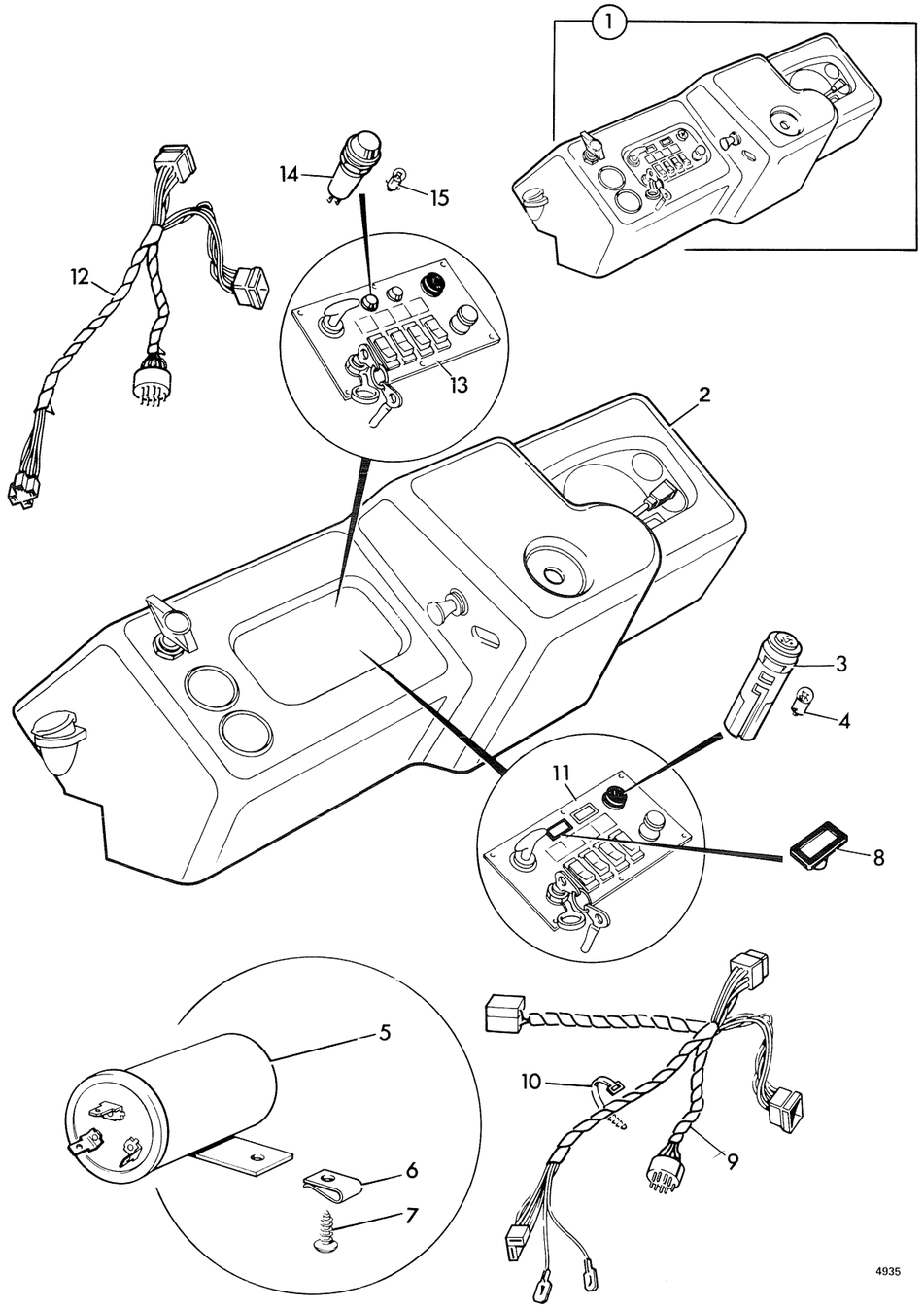


4628A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	701/00800	To M	Switch	....	1
2	720/10023	To M	Bulb	....	1
3	826/00261	....	Clip	....	1
4	716/00600	....	Flasher Unit	....	1
5	706/04300	To M	Harness	....	1
6	204/07006	....	Tie	....	2
7	701/01900		Switch	....	1
8	700/05300	on	Warning Light	....	1
9	720/10046		Bulb	....	1
10	706/14300 706/18100	To M	Harness	....	1

MK 15–9 INSTRUMENT PANEL–GERMAN

110M **ISSUE** 1

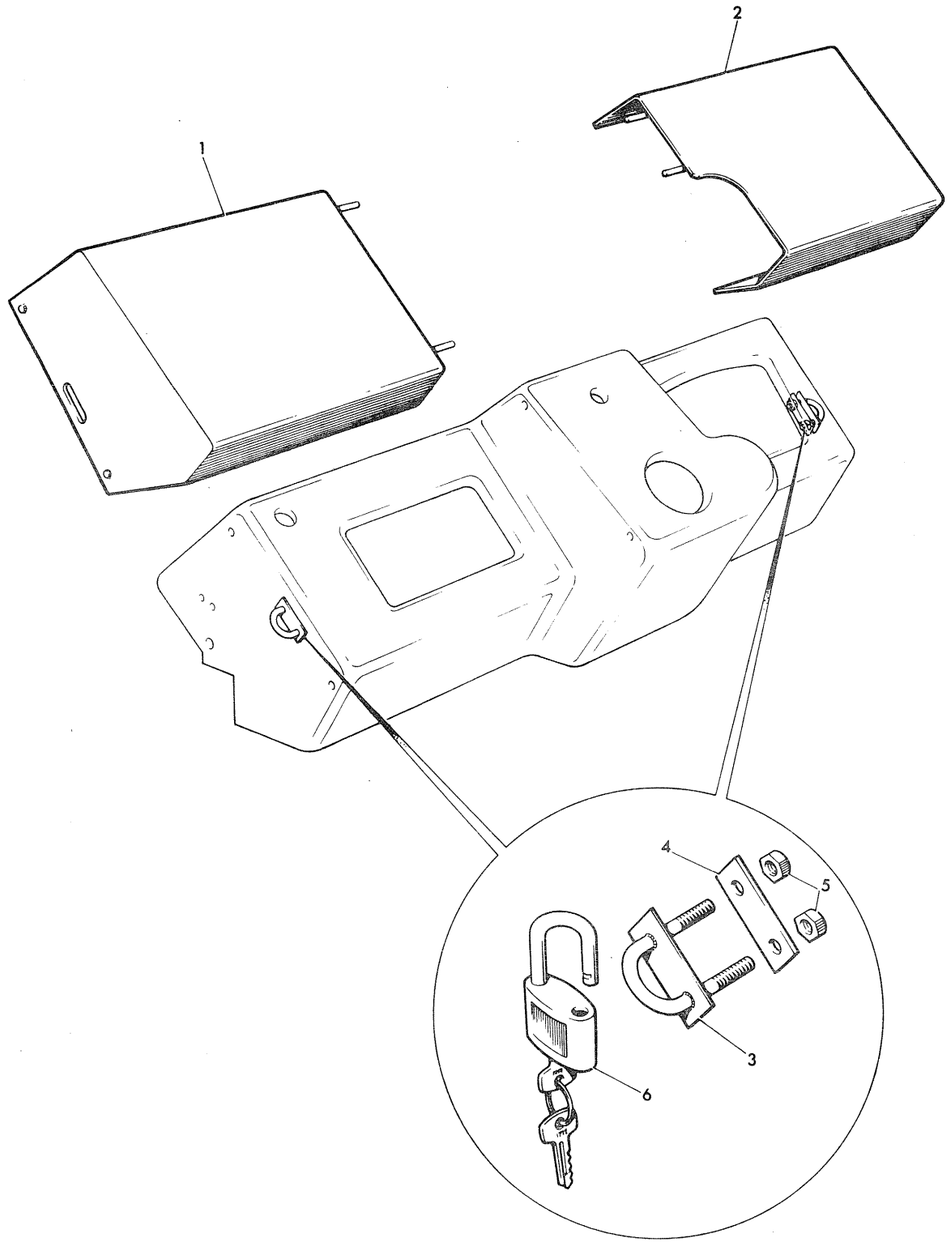


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS		QTY.
1	106/09500	....	Instrument Panel	Manual Gearbox	1	
	106/09600	....	Instrument Panel	Torque Converter Gearbox		1
2	See Index C	....	:Instrument Panel	Manual	1	
	See Index C	....	:Instrument Panel	Torque Converter		1
3	701/00800	....	:Switch	....	1	1
4	720/10023	....	:Bulb	....	1	1
5	703/31201	... .	:Relay	....	1	1
6	826/00022	....	:'U'Nut	....	1	1
7	1430/0105	....	:Screw	... .	1	1
8	700/00800	....	:Warning Light	Indicator	1	1
9	706/01500	To M	:Harness	....	1	1
10	204/07006	....	:Cable Tie	... .	1	1
11	106/09601	To M	:Panel	....	1	1
12	706/14200 706/18200	To M	:Harness	....	1	1
13	107/85801 107/85802	on	:Panel	....	1	1
14	700/05300		:Warning Light	....	1	1
15	720/10046		:Bulb	....	1	1

NOTE: For other components see Manual Transmission machine Build

MK 16 ANTI-VANDAL COVERS—INSTRUMENT PANEL

110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	529/13506	....	Cover	....	1
2	529/13505	....	Cover	....	1
3	529/27200	....	'U' Bolt	....	2
4	529/27201	....	Plate	....	2
5	1340/0003	....	Nut	....	4
6	104/72806	....	Lock	....	2

3421

MN

Floor Plate

Page MN8 Only

MO

Drawbar

Page MO4 to MO5

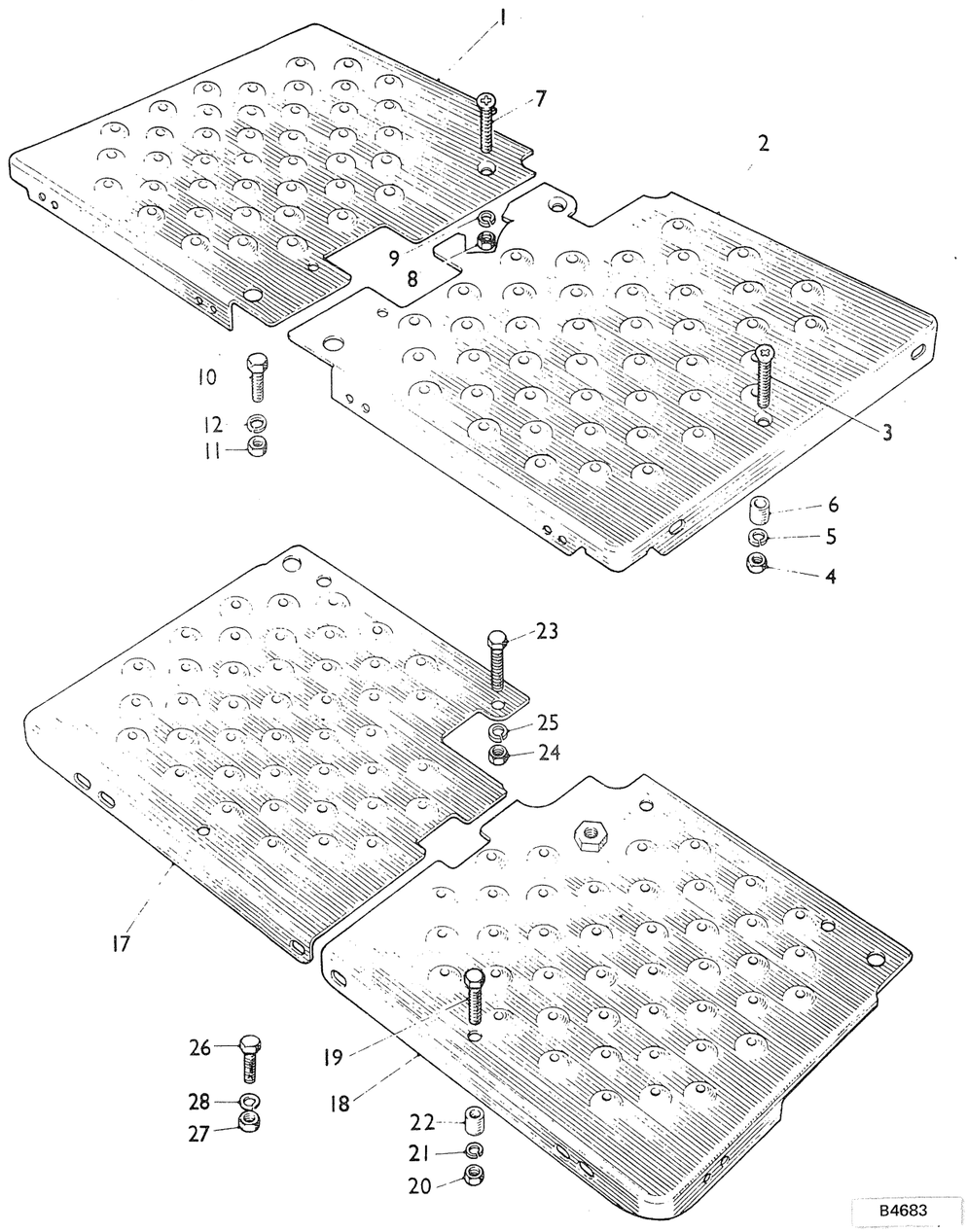
FLOORPLATES SECTION MN

FLOOR PLATES (Up to Tractor No. 98999) MN8

Note:- From Tractor No. 99001 see machine parts catalogue

MN 8 FLOOR PLATES

110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 2365	....	Floor Plate R.H.	5 Speed Gearbox	1
2	NT 2366	....	Floor Plate L.H.	5 Speed Gearbox	1
3	ATJ 9371	....	Screw	....	2
4	AJD 8107N	....	Nut	....	2
5	LWN 207 1416/0007	Superseded	Washer	....	2
6	NT 1836	....	Distance Piece	....	2
7	ATJ 9370	....	Screw	Correction was ATJ 9380	2
8	ATD 8107Z	....	Nut	....	2
9	LWN 207 1416/0007	Superseded	Washer	....	2
10	HBN 0714 1305/3312	Superseded	Bolt	....	2
11	FNN 107 1340/0301	Superseded	Nut	....	2
12	LWN 207 1416/0007	Superseded	Washer	....	2
17	ATJ 7588	....	Floor Plate R.H.	10 Speed Gearbox	1
18	ATJ 7589	....	Floor Plate L.H.	10 Speed Gearbox	1
19	HBN 0720 1305/3318	Superseded	Bolt	....	2
20	FNN 107 1340/0301	Superseded	Nut	....	2
21	LWN 207 1416/0007	Superseded	Washer	....	2
22	ATJ 7590	....	Distance Piece	....	2
23	HBN 0716 1305/3314	Superseded	Bolt	....	2
24	FNN 107 1340/0301	Superseded	Nut	....	2
25	LWN 207 1416/0007	Superseded	Washer	....	2
26	HBN 0714 1305/3312	Superseded	Bolt	....	2
27	FNN 107 1340/0301	Superseded	Nut	....	2
28	LWN 207 1416/0007	Superseded	Washer	....	2

End of Section MN

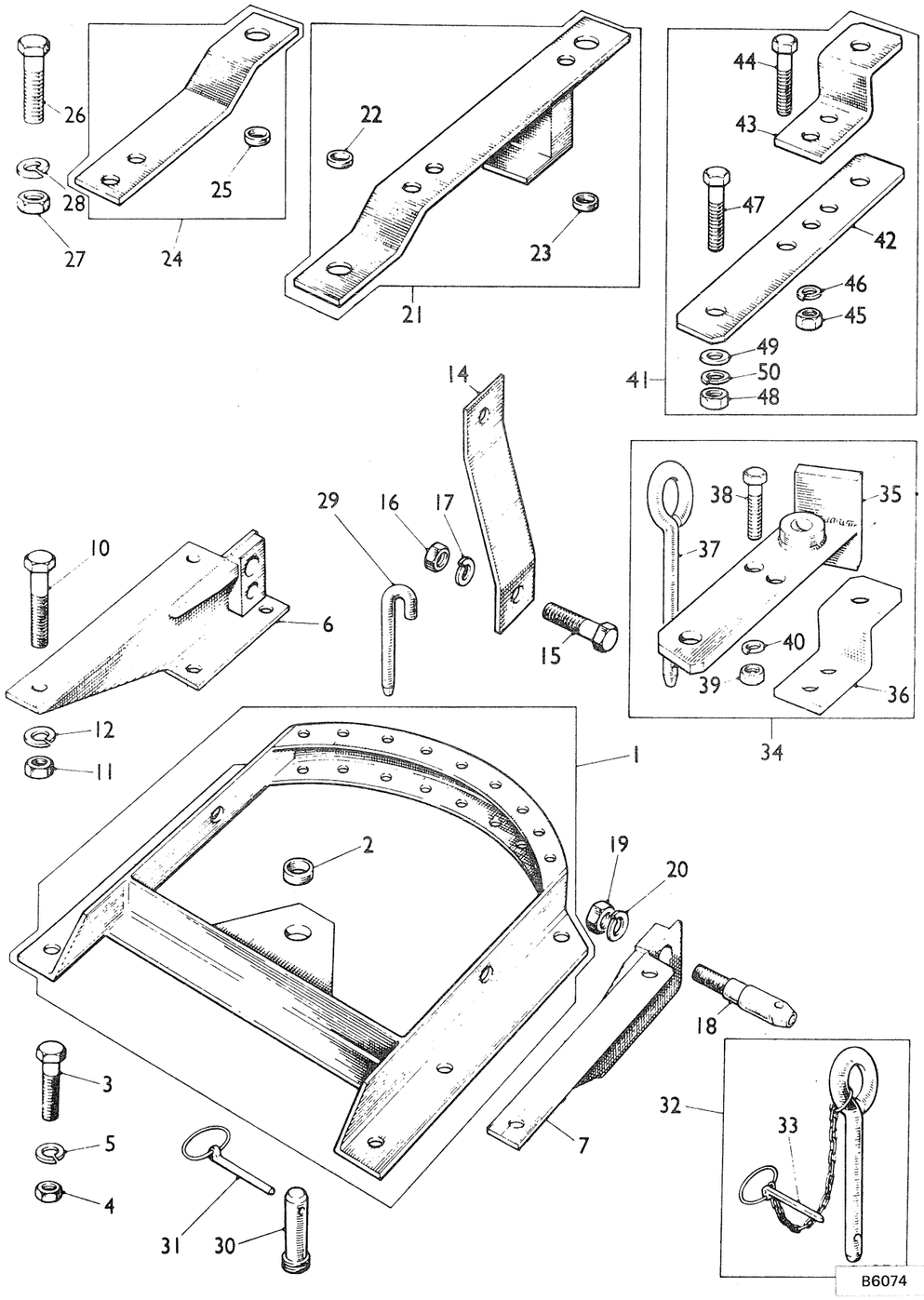
DRAWBAR SECTION MO

DRAWBAR (Up to Tractor No. 98999) MO4

DRAWBAR (From Tractor No. 99001) MO5

MO 4 DRAWBAR 5 SPEED GEARBOX

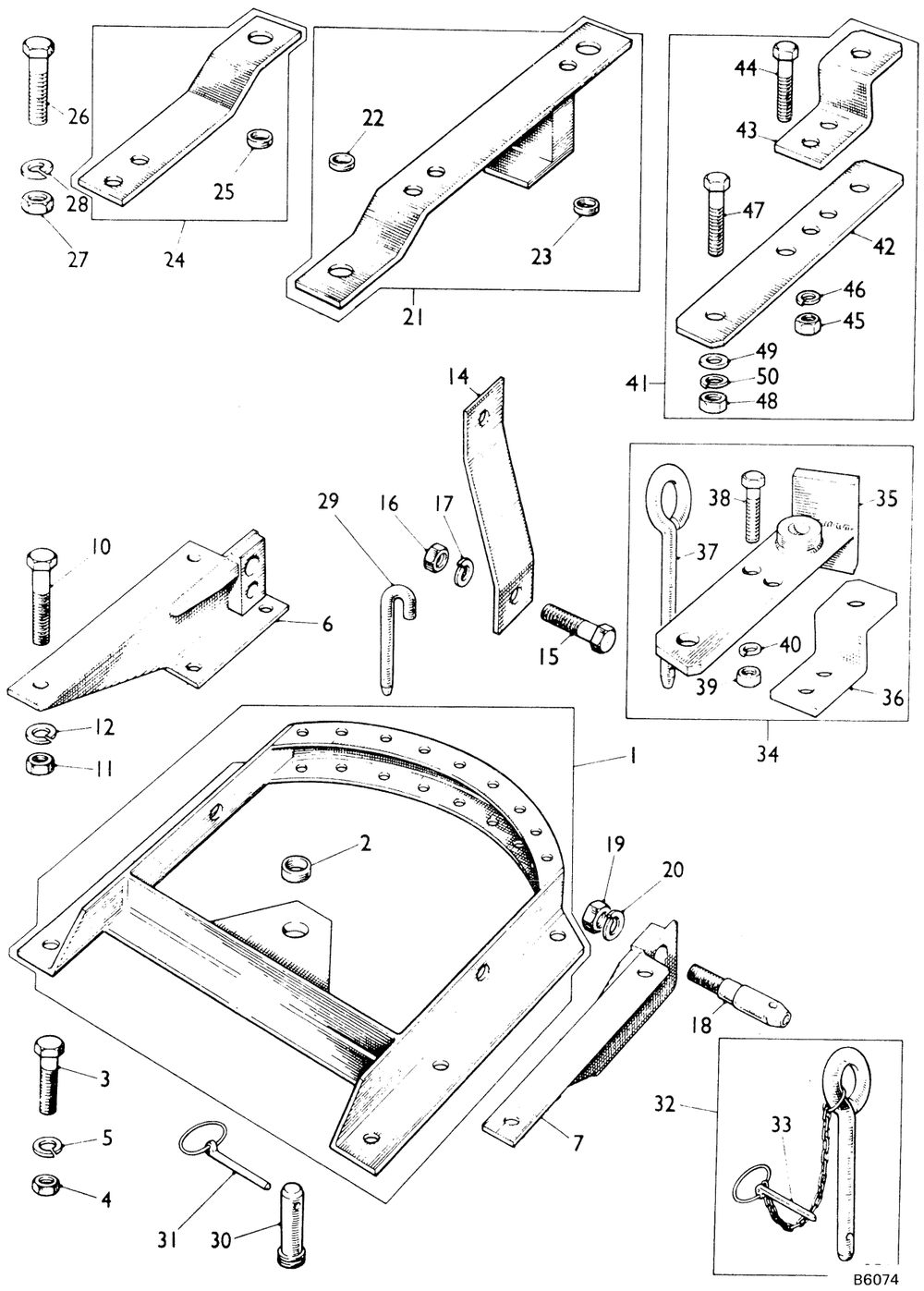
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6027	....	Drawbar Frame	Includes item 2	1
2	NT 5582	....	:Bush	....	2
3	ATJ 1016	....	Bolt	....	4
4	FNN 112 1340/0701	Superseded	Nut	....	4
5	LWN 212 1416/0011	Superseded	Washer	....	4
6	ATJ 6132	....	Support R.H.	....	1
7	ATJ 6133	....	Support L.H.	....	1
10	HBN 1220 1305/3718	Superseded	Bolt	....	4
11	FNN 112 1340/0701	Superseded	Nut	....	4
12	LWN 212 1416/0011	Superseded	Washer	....	4
14	ATJ 6009	....	Link	....	2
15	ATJ 1016	....	Bolt	....	2
16	FNN 112 1340/0701	Superseded	Nut	....	2
17	LWN 212 1416/0011	Superseded	Washer	....	2
18	NT 5666	....	Pin	....	2
19	FNN 112 1340/0701	Superseded	Nut	....	2
20	LWN 212 1416/0011	Superseded	Washer	....	2
21	ATJ 6037	....	Drawbar Strap	....	1
22	NT 5583	....	:Bush	....	1
23	NT 5584	....	:Bush	....	1
24	ATJ 6039	....	Top Strap	....	1
25	NT 5584	....	:Bush	....	1
26	HBN 1220 1305/3718	Superseded	Bolt	....	2
27	FNN 112 1340/0701	Superseded	Nut	....	2
28	LWN 212 1416/0011	Superseded	Washer	....	2
29	NT 3280	....	Pin	....	2
30	NT 8171	....	Pin	....	1
31	NT 7453	....	Pin	....	1

MO 4 DRAWBAR 5 SPEED GEARBOX

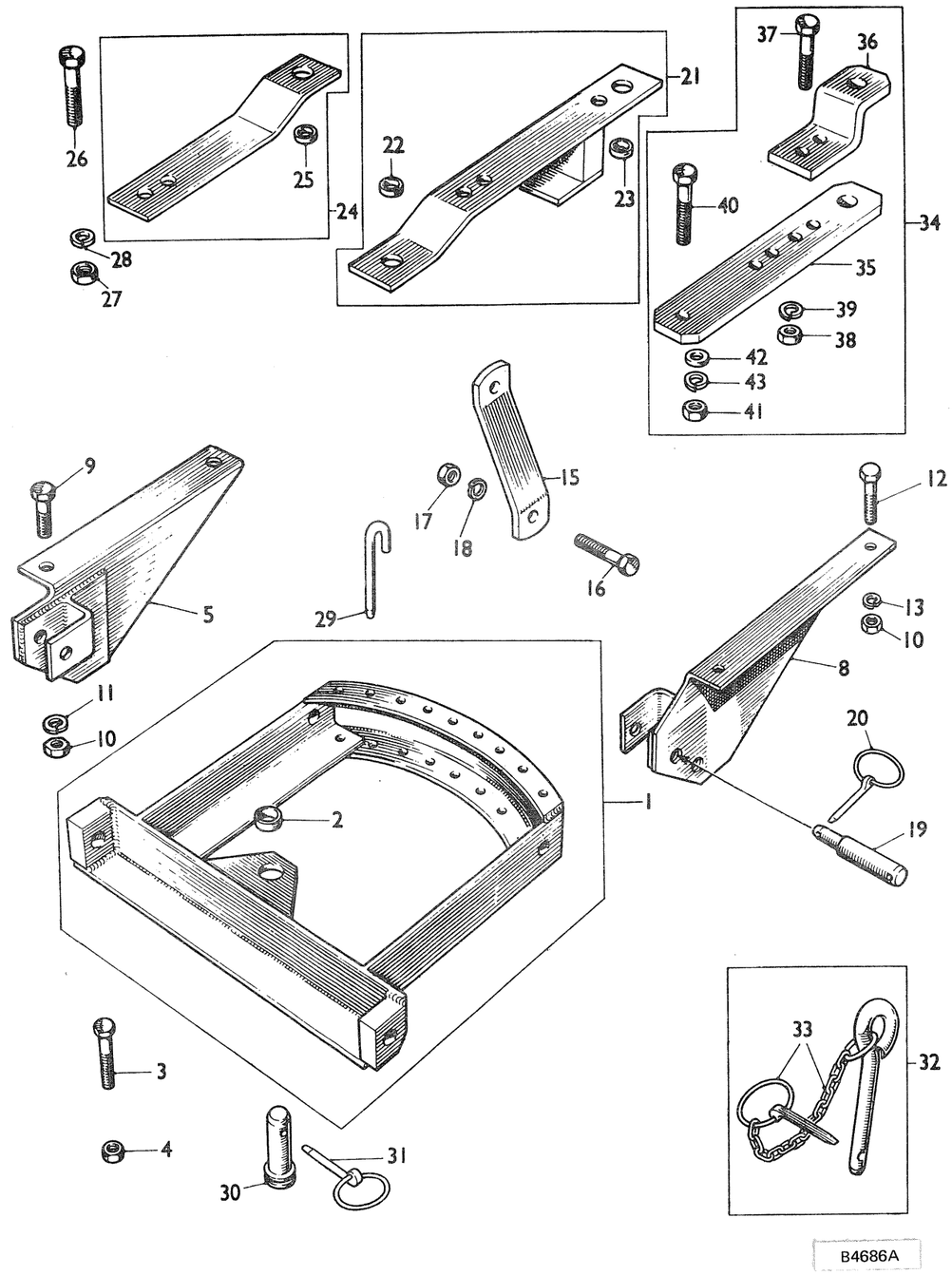
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
32	NT 4594	....	Hitch Pin	....	1
33	NT 4595	....	Pin and Chain	....	1
34	ATJ 9512	....	Offset Drawbar Extension Kit	....	1
35	NT 4143	....	:Extension	....	1
36	NT 4139	....	:Top Strap	....	1
37	NT 4603	....	:Hitch Pin	....	1
38	HBN 1220 1305/3718	Superseded	:Bolt	....	2
39	FNZ 112 1340/0701	Superseded	:Nut	....	2
40	LWN 212 1416/0011	Superseded	:Washer	....	2
41	ATJ 9484	....	Drawbar Extension Kit	....	1
42	ATJ 6251	....	:Drawbar Extension	....	1
43	NT 4110	....	:Top Strap	....	1
44	HBN 1220 1305/3718	Superseded	:Bolt	....	2
45	FNN 112 1340/0701	Superseded	:Nut	....	2
46	LWN 212 1416/0011	Superseded	:Washer	....	2
47	HBN 1222 1305/3720	Superseded	:Bolt	....	1
48	FNN 112 1340/0701	Superseded	:Nut	....	1
49	PWN 212	....	:Washer	....	1
50	LWN 212 1416/0011	Superseded	:Washer	....	1

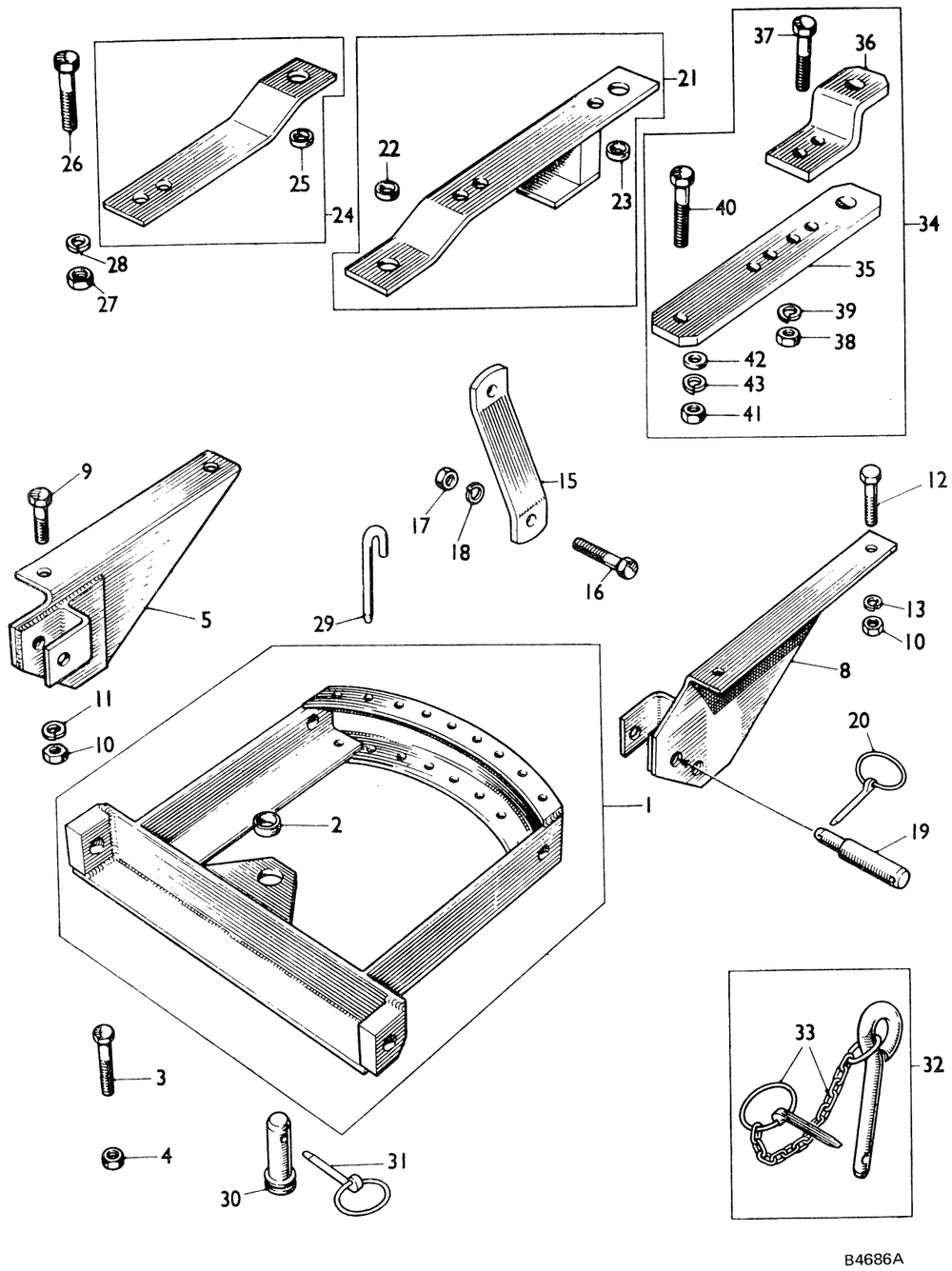
MO 5 DRAWBAR 10 SPEED GEARBOX

110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6240	....	Drawbar Frame	....	1
2	NT 5582	....	:Bush	....	1
3	ATJ 6245	....	Bolt	....	2
4	LNN 412 1340/0701	Superseded	Nut	....	2
5	ATJ 6241 ATJ 6243	to C 155082	Support R.H.	....	1
8	ATJ 6242 ATJ 6244	C 155082	Support L.H.	....	1
9	HBN 1220 1305/3718	Superseded	Bolt	....	2
10	FNN 112 1340/0701	Superseded	Nut	....	2
11	LWN 212 1416/0011	Superseded	Washer	....	2
12	N.S.P.	....	Bolt	Was ATJ 6254	2
13	LWN 212 1416/0011	Superseded	Washer	....	2
15	ATJ 6246	....	Link	....	2
16	ATJ 1016	....	Bolt	....	2
17	FNN 112 1340/0701	Superseded	Nut	....	2
18	LWN 212 1416/0011	Superseded	Washer	....	2
19	ATJ 6248	....	Pin	....	2
20	NT 7453	....	Pin	....	2
21	ATJ 6037	....	Drawbar Strap	....	1
22	NT 5583	....	:Bush	....	1
23	NT 5584	....	:Bush	....	1
24	ATJ 6039	....	Top Strap	....	1
25	NT 5584	....	:Bush	....	1
26	HBN 1220 1305/3718	Superseded	Bolt	....	2
27	FNN 112 1340/0701	Superseded	Nut	....	2
28	LWN 212 1416/0011	Superseded	Washer	....	2
29	NT 3280	....	Pin	....	2
30	NT 8171	....	Pin	....	1
31	NT 7453	....	Pin	....	1

MO 5 DRAWBAR 10 SPEED GEARBOX



B4686A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
32	NT 4594	....	Hitch Pin	....	1
33	NT 4595	....	:Pin and Chain	....	1
34	ATJ 9484	To T 98999	Drawbar Extension Kit	Optional Extra	1
35	ATJ 6251 ATJ 6740	To T 98999	:Drawbar Extension	....	1
36	NT 4110	....	:Top Strap	....	1
37	HBN 1220 1305/3718	Superseded	:Bolt	....	2
38	FNN 112 1340/0701	Superseded	:Nut	....	2
39	LWN 212 1416/0011	Superseded	:Washer	....	2
40	HBN 1222 1305/3720	Superseded	:Bolt	....	1
41	FNN 122 FNN 112 1340/0701	To T 98999 Superseded	:Nut	....	1
42	PWN 212	....	:Washer	....	1
43	LWN 212 1416/0011	Superseded	:Washer	....	1

End of Section MO

ISSUE 2

MR

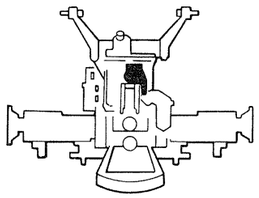
P.T.O. & Hydraulics

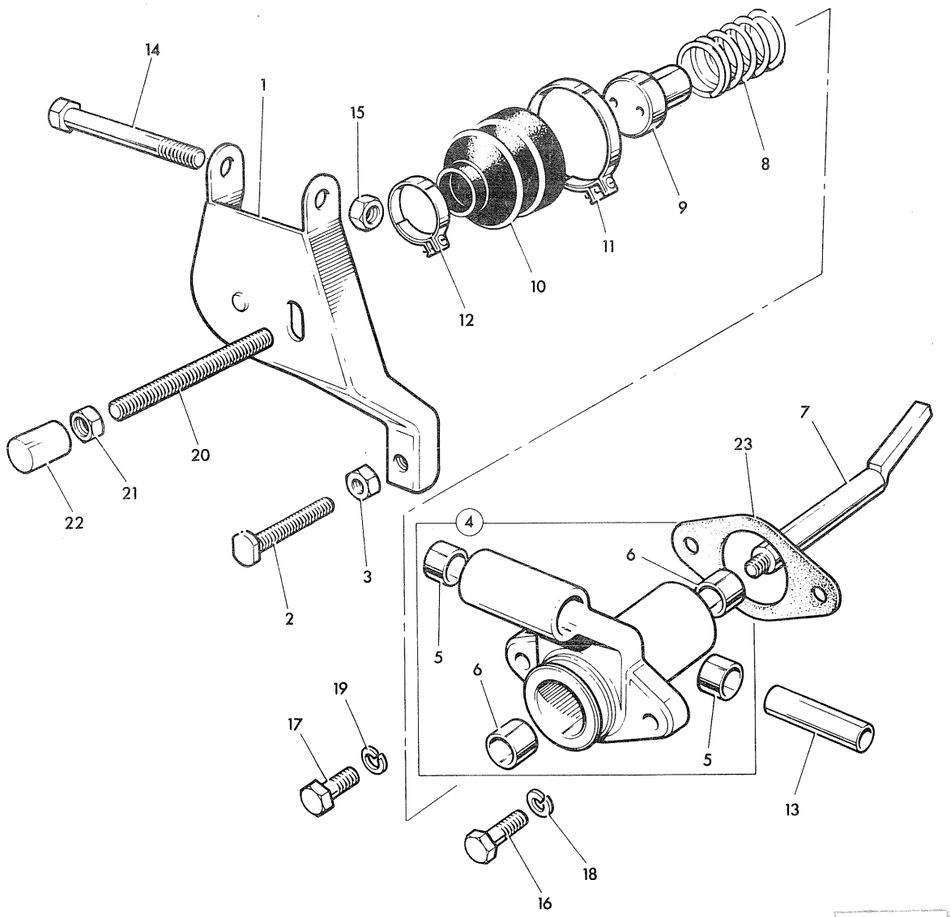
Page MR1 to MR15

PCA 110M

Cross-Shaft Housing	MR23 MR24 MR24.1	To T98999
Controls -Hand Levers- Hydraulic	MR22 MR22.2 MR22.3	To T98999 To T155081
-Hand Lever- Depth Control	MR13 MR22.21 MR22.3	To T98999 To T155081
-Hand Lever- Hydraulic & P.T.O Selector	MR10 MR10.1	To T98999
-Linkage	MR22 MR22.1 MR22.4	To T98999 To T155081
-Rack	MR22.5	T155082 on
Casing-P.T.O.	MR8.1 MR9	To T98999
Covers-P.T.O.	MR10 MR10.1	To T98999
Drawbar	See Index MO	
Draft Link	MR26	
Filter	MR9 MR21.2	To T155081
Hydraulics -Control Valve	MR17 MR19 MR19.1 MR19.2	To T98999 To T155081
-Cylinder	MR15 MR16 MR16.1	To T98999
-Depth Control Valve	MR11 MR12 MR1	To T98999 To T155081
-Pipe	MR20 MR21 MR21.1	To T98999
-Pump	MR15 MR16 MR16.1	To T98999
Lift Linkage -Lift Rods	MR27 MR28	To T71451
-Stablilisers	MR29	
-Upper Link	MR25.1 MR25.2	To T98999

MR 1 DEPTH CONTROL VALVE



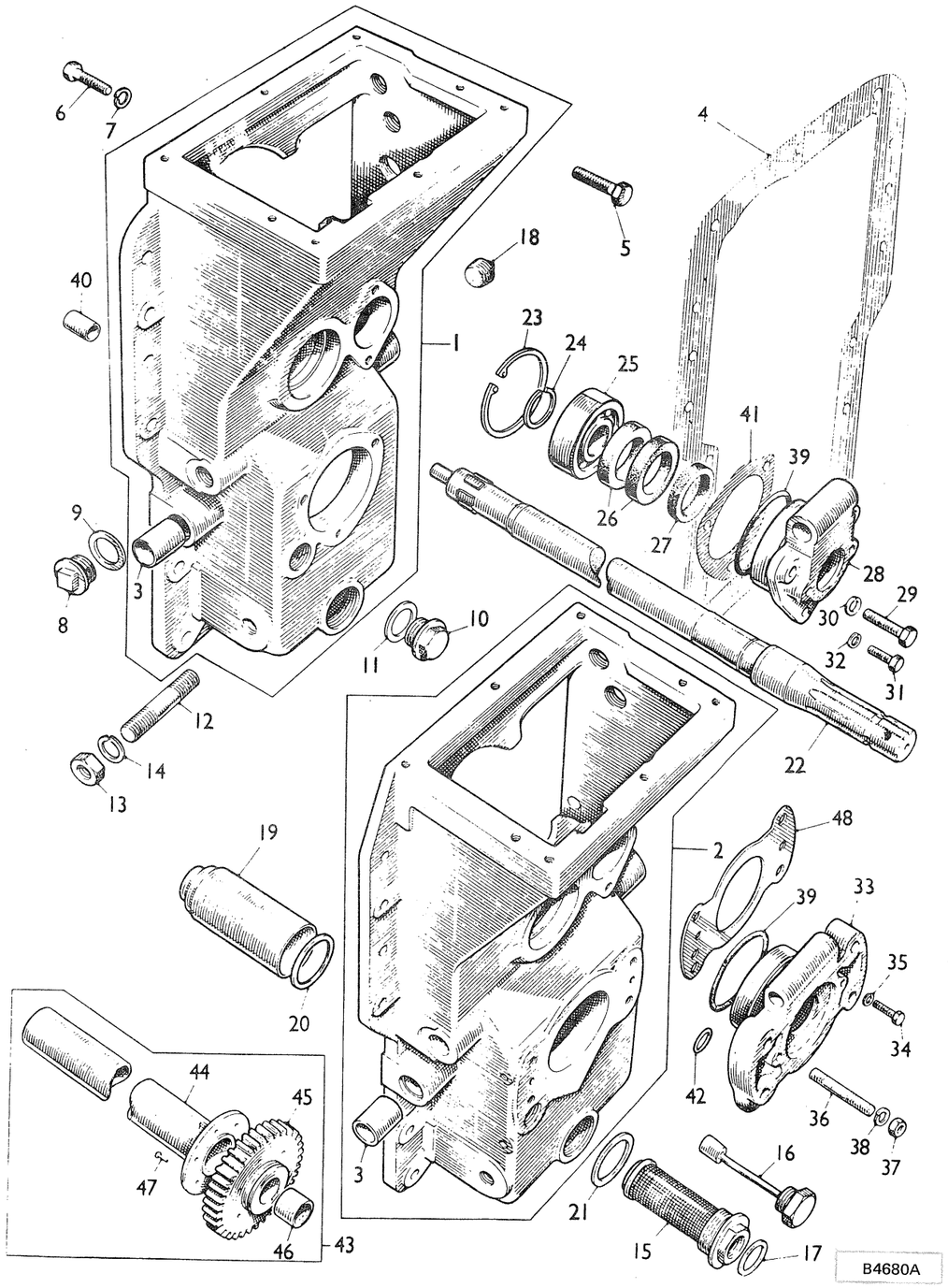


4286

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6802	....	Lever	....	1
2	ATJ 6806	....	Screw	....	1
3	FNZ 205 1340/0101	Superseded	Nut	....	1
4	ATJ 6807	....	Housing	....	1
5	ATJ 6921	....	:Bush	....	2
6	ATJ 6810	....	:Bush	....	2
7	ATJ 6922	....	Cam	....	1
8	ATJ 6801	....	Spring	....	1
9	ATJ 6923	....	Cap	....	1
10	ATJ 6149	....	Gaiter	....	1
11	CCA 35	....	Clip	....	1
12	ATJ 6996	....	Clip	....	1
13	ATJ 6811	....	Spacer	....	1
14	ATJ 6924	....	Bolt	....	1
15	FNN 204 1340/0001	Superseded	Nut	....	1
16	HBZ 524 1305/3122	Superseded	Bolt	....	1
17	HZS 0610 1305/0208	Superseded	Bolt	....	1
18	LNZ 205	....	Washer	....	1
19	LWN 206 1416/0006	Superseded	Washer	....	1
20	ATJ 6812	....	Stud	....	1
21	FNN 106 1340/0201	Superseded	Nut	....	1
22	ATJ 5352	....	Cover	....	1
23	ATJ 6813	....	Gasket	....	1

MR 8–1 P.T.O. CASING

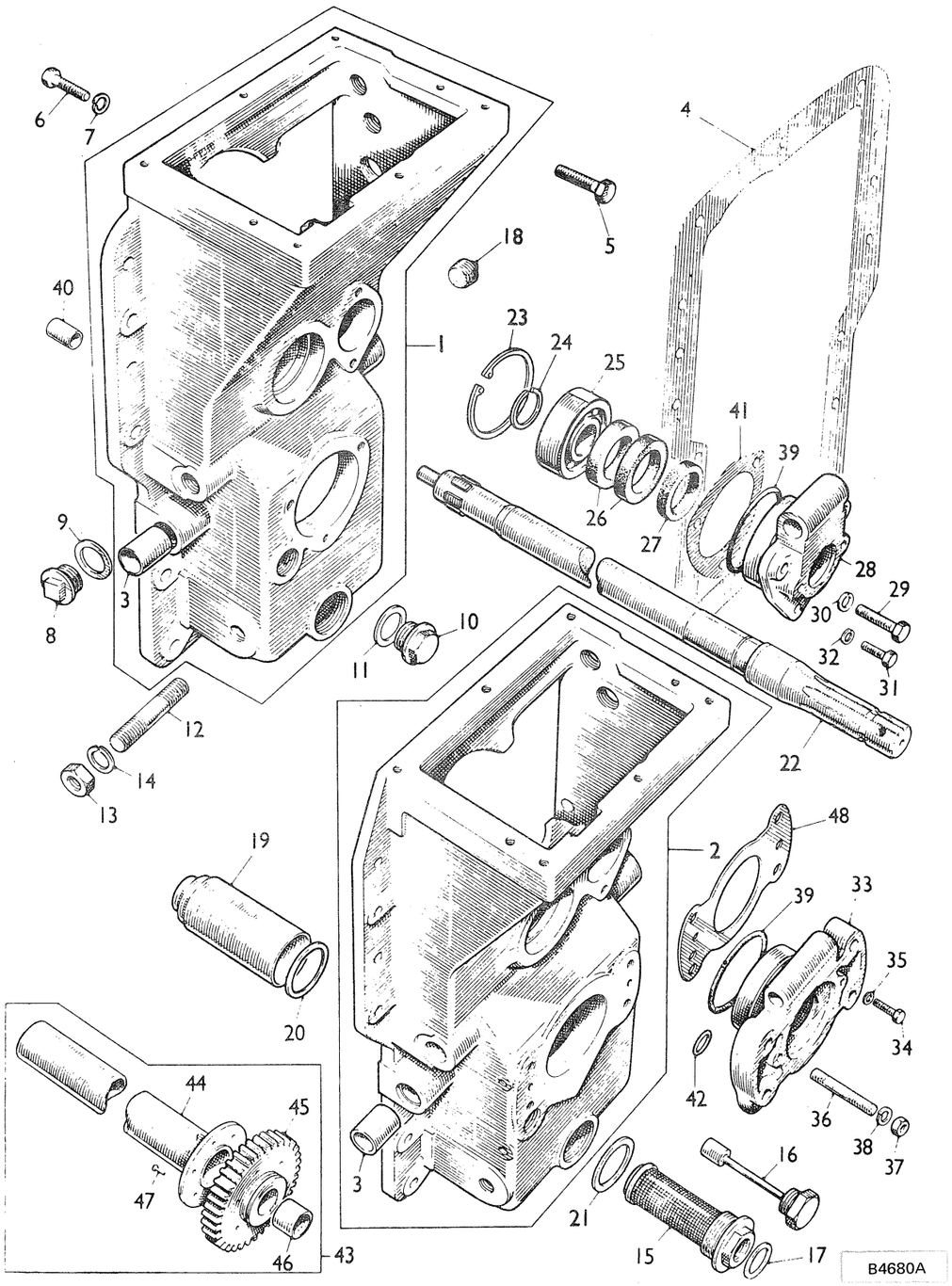
100M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 9411	....	Casing	5 Speed Gearbox	1
2	ATJ 9473	....	Casing	10 Speed Gearbox	1
3	NT 3805	....	Bush	....	1
4	NT 3361 988/00127	Superseded	Gasket	....	1
5	HBN 0714 1350/3312	Superseded	Bolt	....	2
6	HBN 0712 1305/3310	Superseded	Bolt	....	12
7	LWN 207 1416/0007	Superseded	Washer	....	14
8	NT 3930	....	Plug-Auxiliary	....	2
9	NT 3934	....	Washer	....	2
10	NT 6835	....	Plug	5 Speed Gearbox	1
11	ATJ 1029	....	Copper Washer	5 Speed Gearbox	1
12	NT 6128	....	Stud	....	2
13	FNN 112 1340/0701	Superseded	Nut	....	2
14	LWN 212 1416/0011	Superseded	Washer	....	2
15	ATJ 6056	....	Filter	....	1
16	ATJ 6058	....	Magnetic Filter & Plug	....	1
17	ATJ 1047	....	Washer	....	1
18	ATJ 6059	....	Taper Plug	....	1
19	NT 4530	....	Sleeve-Filter	....	1
20	NT 4524	....	Seal	....	1
21	NT 3370	....	Washer	....	1
22	ATJ 6065	....	Shaft-P.T.O.	5 Speed Gearbox	1
	ATJ 6360	....	Shaft-P.T.O.	10 Speed Gearbox ATJ6360 N/A Use ATJ6065 with 1 off NT3372	1
23	ISC 380 ATJ 5391	Superseded	Circlip-Internal	....	1
24	NT 3372	....	Circlip-External	5 Speed Gearbox	1
	ESC 035 ESC35	Superseded	Circlip-External	10 Speed Gearbox	1
25	6K 538 GHB 119	Superseded	Bearing	....	1
26	NT 3359 217400	Superseded	Oil Seal	....	2
27	NT 3360	....	Felt Washer	....	1

MR 8–1 P.T.O. CASING

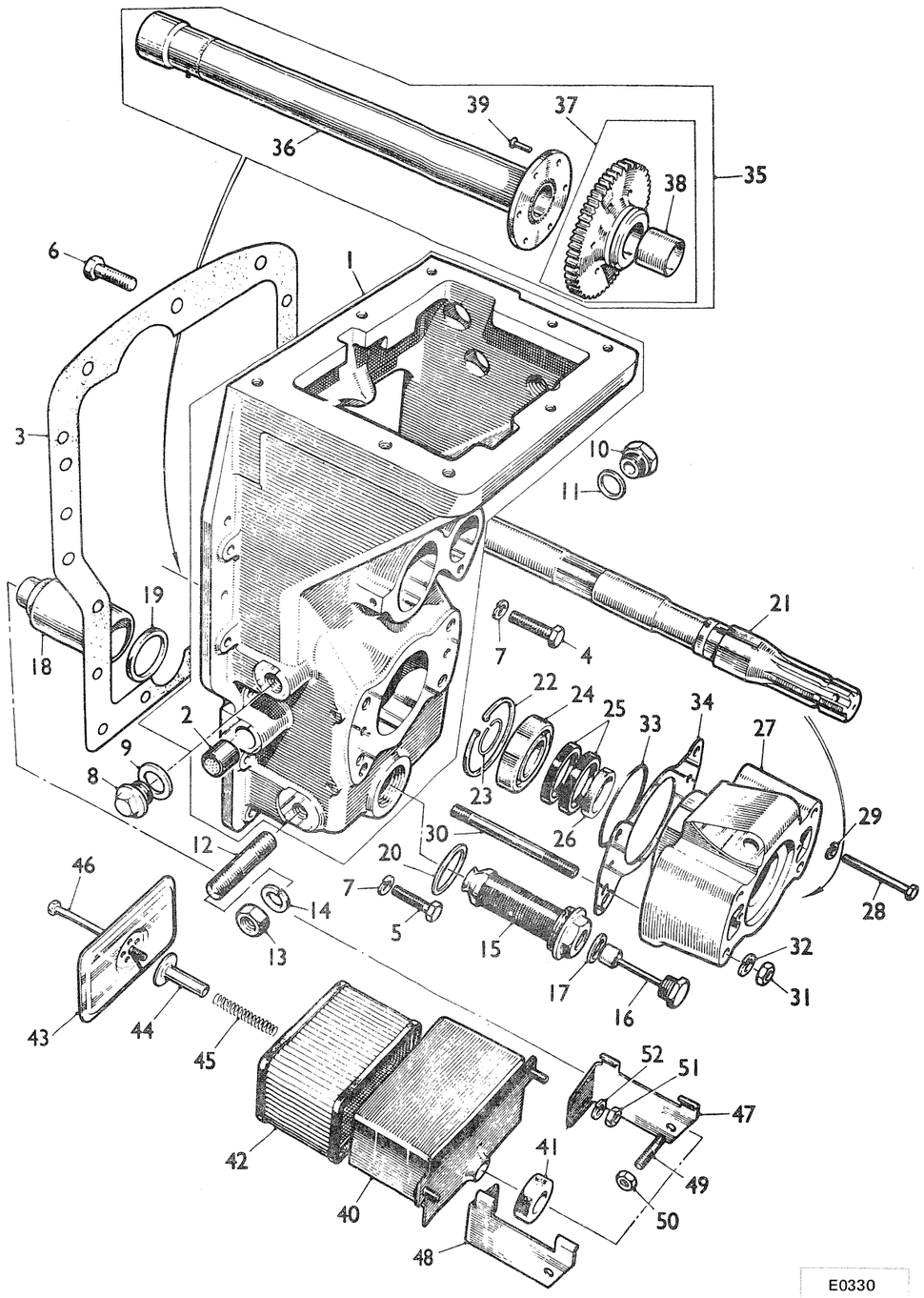
100M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
28	ATJ 6094	....	Bearing & Oil Seal Housing	5 Speed Gearbox	1
29	HBN 0914	....	Bolt	5 Speed Gearbox	2
	ATJ 1078	....	Bolt	10 Speed Gearbox	2
30	LWN 209 1416/0009	Superseded	Washer	....	2
31	HNS 0609 1305/0207	Superseded	Bolt	....	1
32	LWN 206 1416/0006	Superseded	Washer	....	1
33	ATJ 6276	....	Bearing & Oil Seal Housing	10 Speed Gearbox	1
34	HBN 0514 1305/3112	Superseded	Bolt	....	2
35	LWN 205 1416/0005	Superseded	Washer	....	2
36	ATJ 6295	....	Stud	....	4
37	ATJ 1081	....	Nut	....	4
38	LWN 209 1416/0009	Superseded	Washer	....	4
39	ATJ 2010	....	Seal	....	1
40	ATJ 6053	....	Spigot Bush	5 Speed Gearbox	1
41	ATJ 6126	....	Adjusting Washer	5 Speed Gearbox	As Reqd.
42	ATJ 1073	....	'O'Ring	10 Speed Gearbox	1
43	ATJ 6066	....	Driving Tube Assembly	Comprises items 44 to 47	1
44	ATJ 6067	....	:Tube	....	1
45	NT 6661	....	:Gear-Driving	....	1
46	NT 5287	....	:Bush	....	1
47	CRS 0414 CRS 414	Superseded	:Rivet	....	6
48	ATJ 6277	....	Adjusting Washer	10 Speed Gearbox	As Reqd.

MR 9 P.T.O. CASING FROM TRACTOR
No 99001

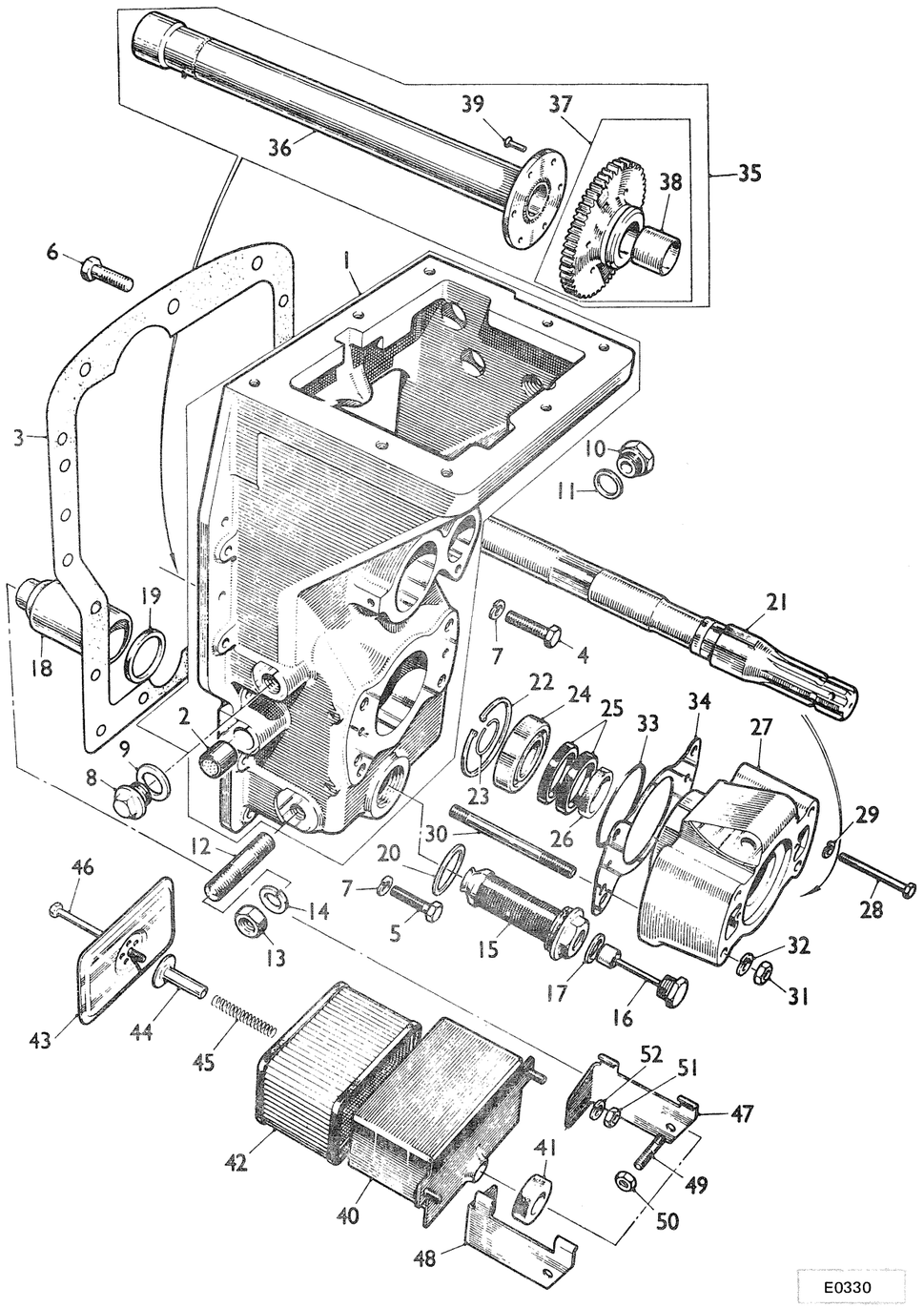
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 9552 ATJ 9567 ATJ 9462	To T 155082	MAIN CASING	Includes Item 2	1
2	NT 3805	....	:Bush	....	1
3	NT 3361 ATJ 5630 988/00127	Superseded Superseded	Gasket	....	1
4	HBN 0714 1305/3312	Superseded	Bolt	....	2
5	HBN 0712 1305/3310	Superseded	Bolt	....	10
6	ATJ 1071	....	Bolt	....	3
7	LWN 207 1416/0007	Superseded	Washer	....	12
8	NT 3930	....	Plug	Auxiliary	2
9	NT 3934	....	Washer	....	2
10	ATJ 6496	....	Plug	....	1
11	ATJ 1029	....	Washer	....	1
12	NT 6128	....	Stud	....	2
13	FNN 112 1340/0701	Superseded	Nut	....	2
14	LWN 212 1416/0011	Superseded	Washer	....	2
15	ATJ 6056	....	Filter	....	1
16	ATJ 6058	....	Magnetic Filter & Plug	....	1
17	ATJ 1047	....	Washer	....	1
18	NT 4530	....	Sleeve	....	1
19	NT 4524	....	Seal	....	1
20	NT 3370	....	Washer	....	1
21	ATJ 6510 ATJ 3951	Superseded	Shaft-P.T.O.	....	1
22	ISC 380 ATJ 5391	Superseded	Circlip	Large	1
23	ATJ 2091	....	Circlip	Small	1
24	6K 538 GHB 119	Superseded	Bearing	....	1
25	NT 3359 217400	Superseded	Oil Seal	....	2
26	NT 3360	....	Felt Washer	....	1
27	ATJ 6509	....	Housing	....	1
28	HBN 0522 1305/3120	Superseded	Bolt	....	2

MR 9 P.T.O. CASING FROM TRACTOR No 99001

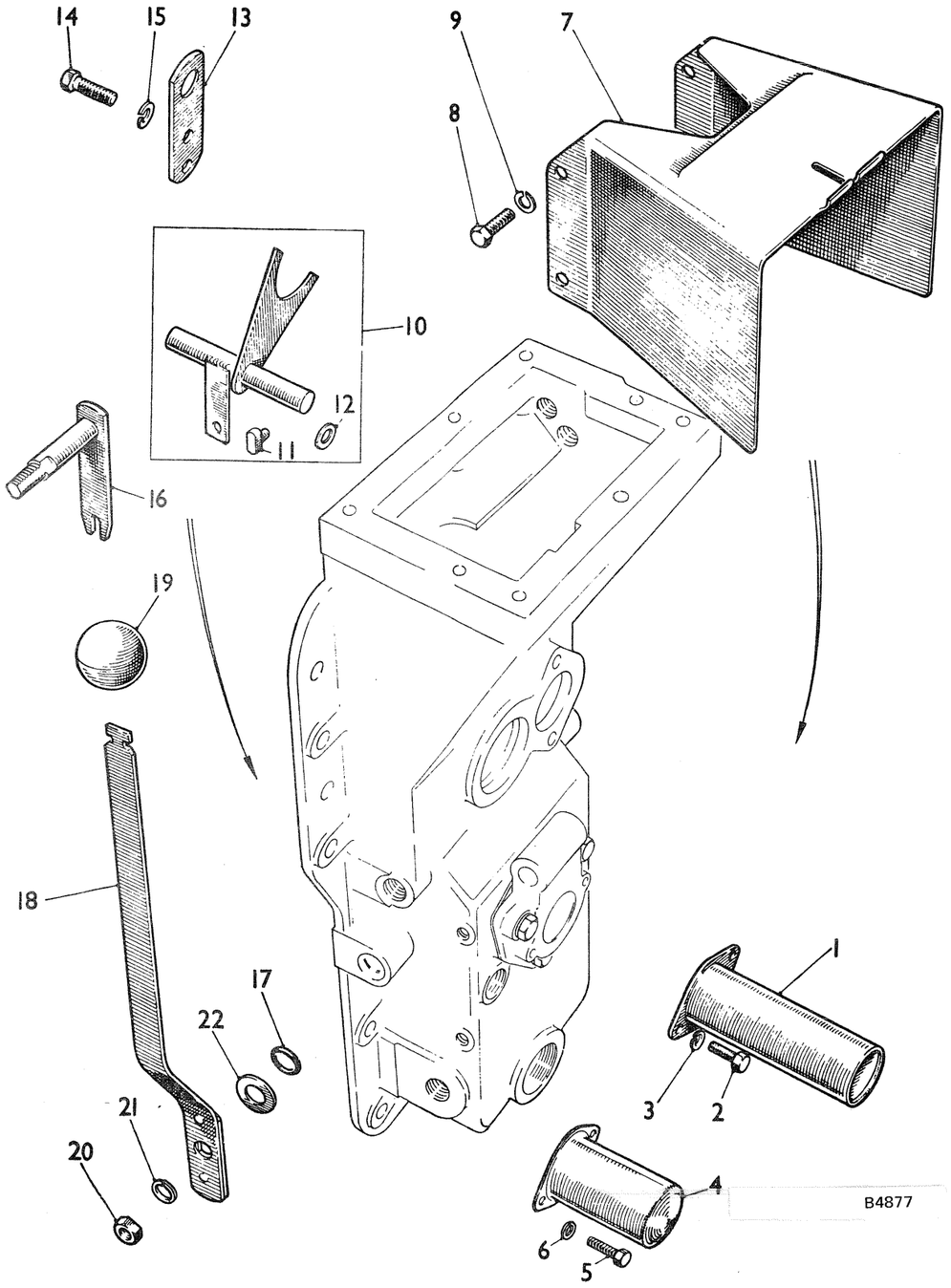
110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
29	LWN 205 1416/0005	Superseded	Washer	....	2
30	ATJ 6497	....	Stud	....	4
31	ATJ 1081	....	Nut	....	4
32	LWN 209 1416/0009	Superseded	Washer	....	4
33	ATJ 2010	....	Ring	....	1
34	ATJ 6277	....	Washer	....	As Reqd
35	ATJ 6622	....	DRIVING TUBE	....	1
36	ATJ 6067	....	:Tube	....	1
37	ATJ 6623	....	:Gear	....	1
38	NT 5287	....	::Bush	....	1
39	N.S.P.	....	:Rivet	Was CRS 0414	6
40	ATJ 6641	....	Housing	....	1
41	ATJ 6644 ATJ 6789	Superseded	Seal	....	1
42	ATJ 6643	....	Element	....	1
43	ATJ 6642	....	End Plate	....	1
44	ATJ 6645	....	Valve	....	1
45	ATJ 6646	....	Spring	....	1
46	HBN 0530 1305/3128	Superseded	Bolt	....	1
48	ATJ 6647	....	Bracket	R.H.	1
48	ATJ 6648	....	Bracket	L.H.	1
49	ATJ 6640	....	Stud	....	2
50	FNN 507 1340/0301	Superseded	Nut	....	2
51	FNN 505 1340/0101	Superseded	Nut	....	2
52	LWN 205 1416/0005	Superseded	Washer	....	2

MR 10 SELECTOR LEVER & COVERS

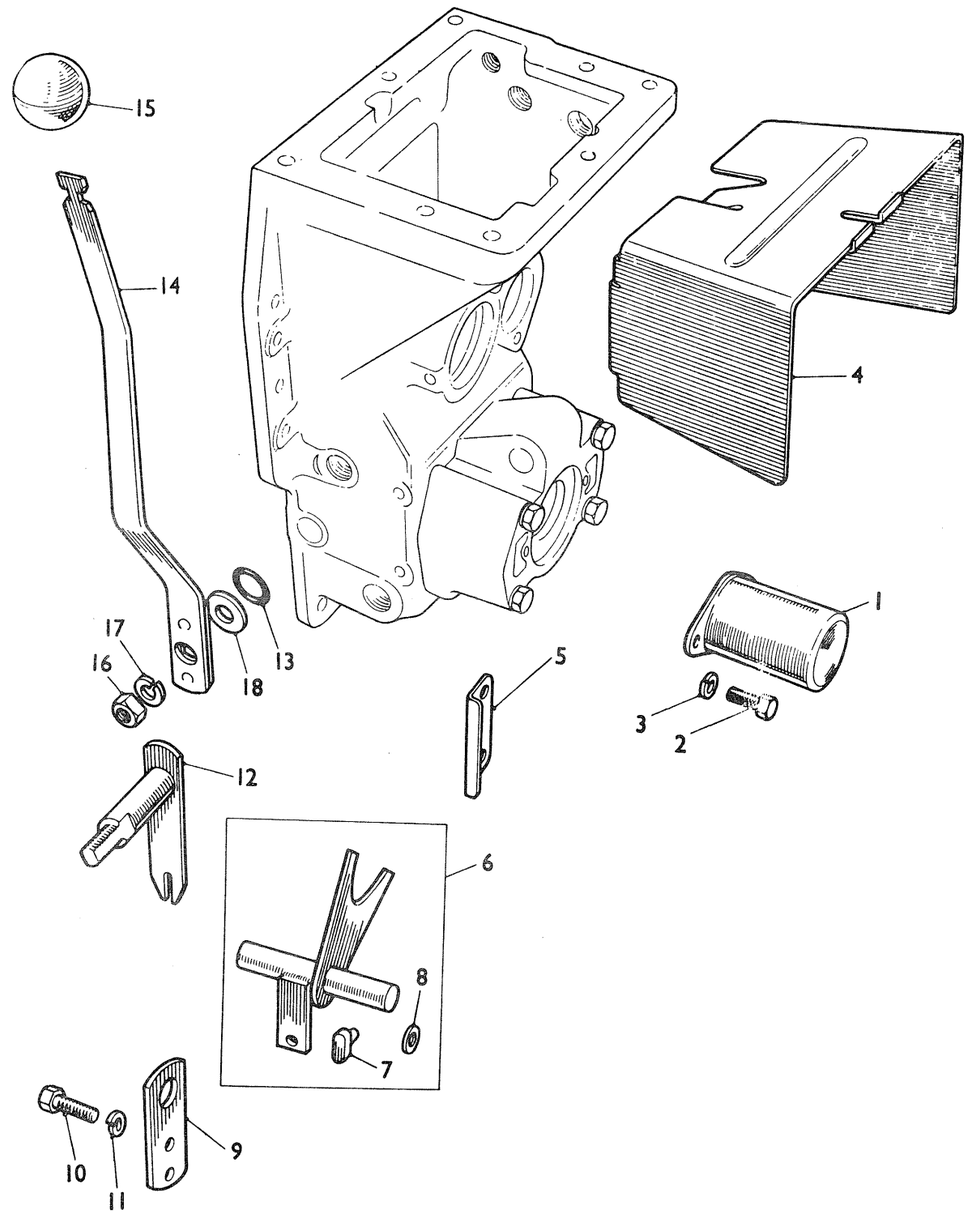
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 3781	....	Shield-P.T.O. Shaft	5 Speed Gearbox	1
2	HNS 0605 1305/0203	Superseded	Screw	....	2
3	LWN 206 1416/0006	Superseded	Washer	....	2
4	ATJ 6293	....	Shield-P.T.O. Shaft	10 Speed Gearbox	1
5	HNS 0505 1305/0103	Superseded	Screw	....	2
6	LWN 205 1416/0005	Superseded	Washer	....	2
7	ATJ 6127	....	Master Shield	....	1
8	HNS 0605 1305/0203	Superseded	Screw	....	4
9	LWN 206 1416/0006	Superseded	Washer	....	4
10	ATJ 6070	....	Selector Rod	....	1
11	ATJ 6072	....	:Pad	....	1
12	PWN 105 1411/0002	Superseded	:Washer	....	1
13	NT 5288	....	Bracket	....	1
14	HNS 0608 1305/0206	Superseded	Screw	....	1
15	LWN 206 1416/0006	Superseded	Washer	....	1
16	ATJ 6073	....	Selector Shaft	....	1
17	NT 3383	....	Seal	....	1
18	NT 6851	....	Lever	....	1
19	NT 3733 ATJ5210	Superseded	Knob	....	1
20	FNN 108 1340/0201	Superseded	Nut	....	1
21	LWN 208 1416/0008	Superseded	Washer	....	1
22	NT 3544 988/00053	Superseded	Washer	....	1

MR 10–1 SELECTOR LEVER & COVER

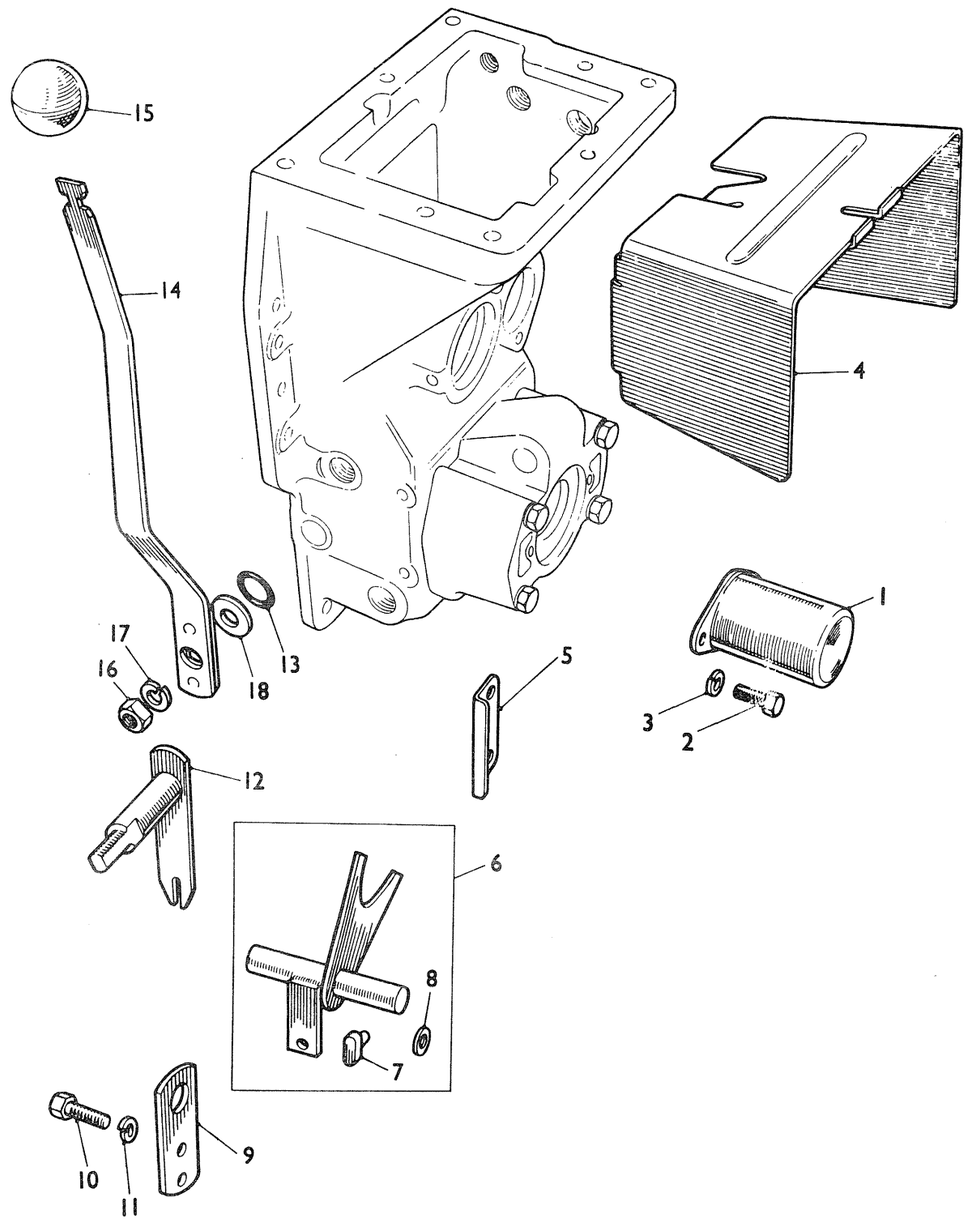
110M **ISSUE** 4



E0193

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6293	....	Cover-P.T.O. Shaft	....	1
2	HNS 0505 1305/0103	Superseded	Bolt	....	2
3	LWN 205 1416/0005	Superseded	Washer	....	2
4	ATJ 6704	....	Cover	....	1
5	ATJ 6705	....	Bracket	....	1
6	ATJ 6070	....	Selector Rod	....	1
7	ATJ 6072	....	:Pad	....	1
8	PWN 105 1411/0002	Superseded	:Washer	....	1
9	NT 5288	....	Bracket	....	1
10	HNS 0608 1305/0206	Superseded	Bolt	....	1
11	LWN 206 1416/0006	Superseded	Washer	....	1
12	ATJ 6073 See Item 28	To T 155082	Shaft	....	1
13	NT 3383	....	Seal	....	1
14	ATJ 6712 See Item 20	To T 155082	Lever	....	1
15	NT 3733 ATJ5210 See Item 19	Superseded To T 155082	Knob	....	
16	FNN 108 FNZ 108 1340/0401	Superseded Superseded	Nut	....	1
17	LWN 208 1416/0008	Superseded	Washer	....	1
18	NT 3544 988/00053	Superseded	Washer	....	1
19	ATJ 5345	....	Lever Kit	....	1
20	ATJ 5343	....	:Lever	....	1
21	ATJ 5344	....	:Collar-Splined	....	1
22	HZS 0405 1305/0003	Superseded	:Bolt	....	2
23	LWZ 204 1416/0004	Superseded	:Washer	....	2
24	HZS 0510 1305/0108	Superseded	:Bolt	....	1
25	LWZ 205 1416/0005	Superseded	:Washer	....	1

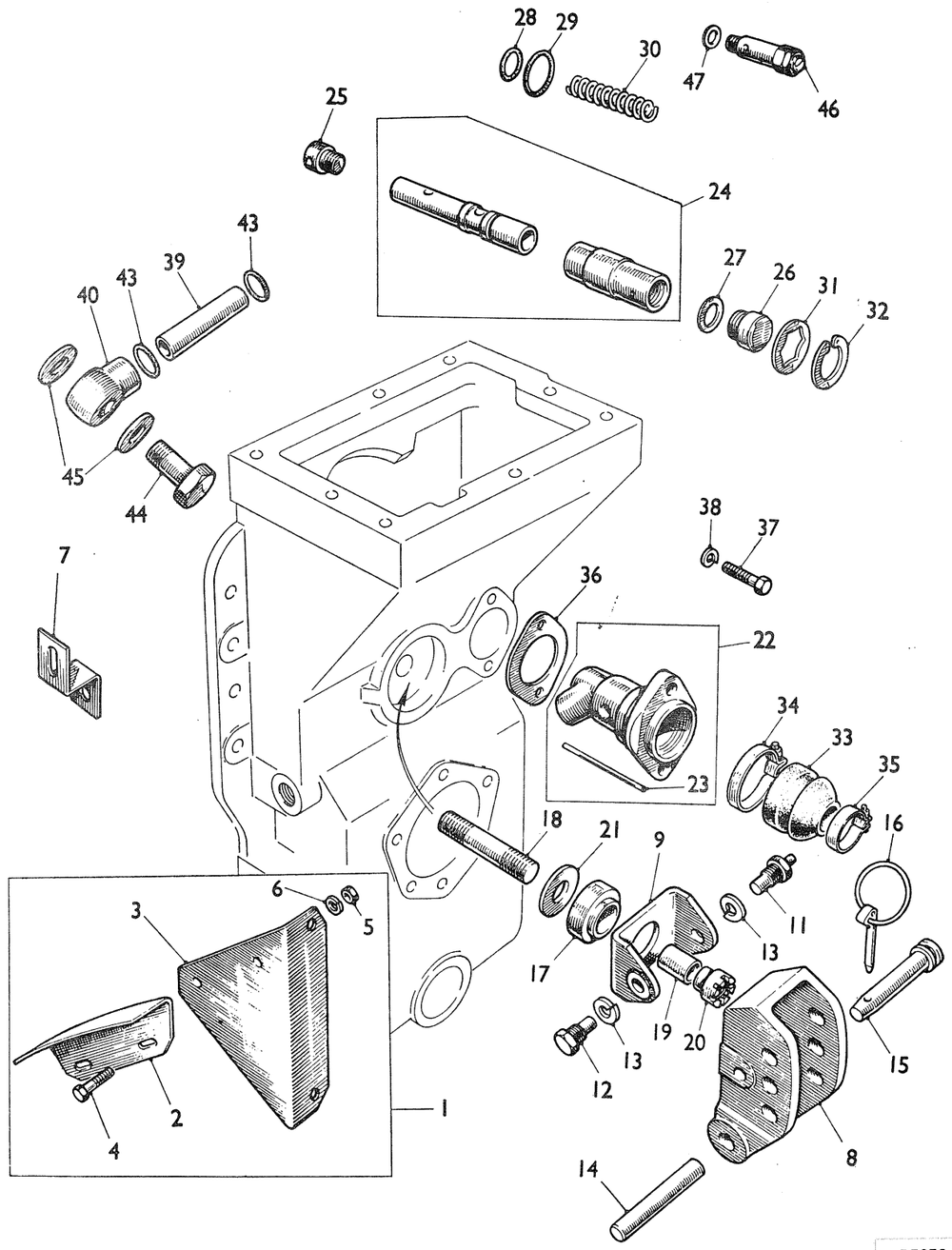
MR 10–1 SELECTOR LEVER & COVER



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
26	FNZ 205 1340/0101	Superseded	:Nut	....	1
27	NT 3770	....	:Washer-Belleville	....	1
28	ATJ 5341	....	:Shaft	....	1
29	ATJ 5210	....	:Knob	....	1

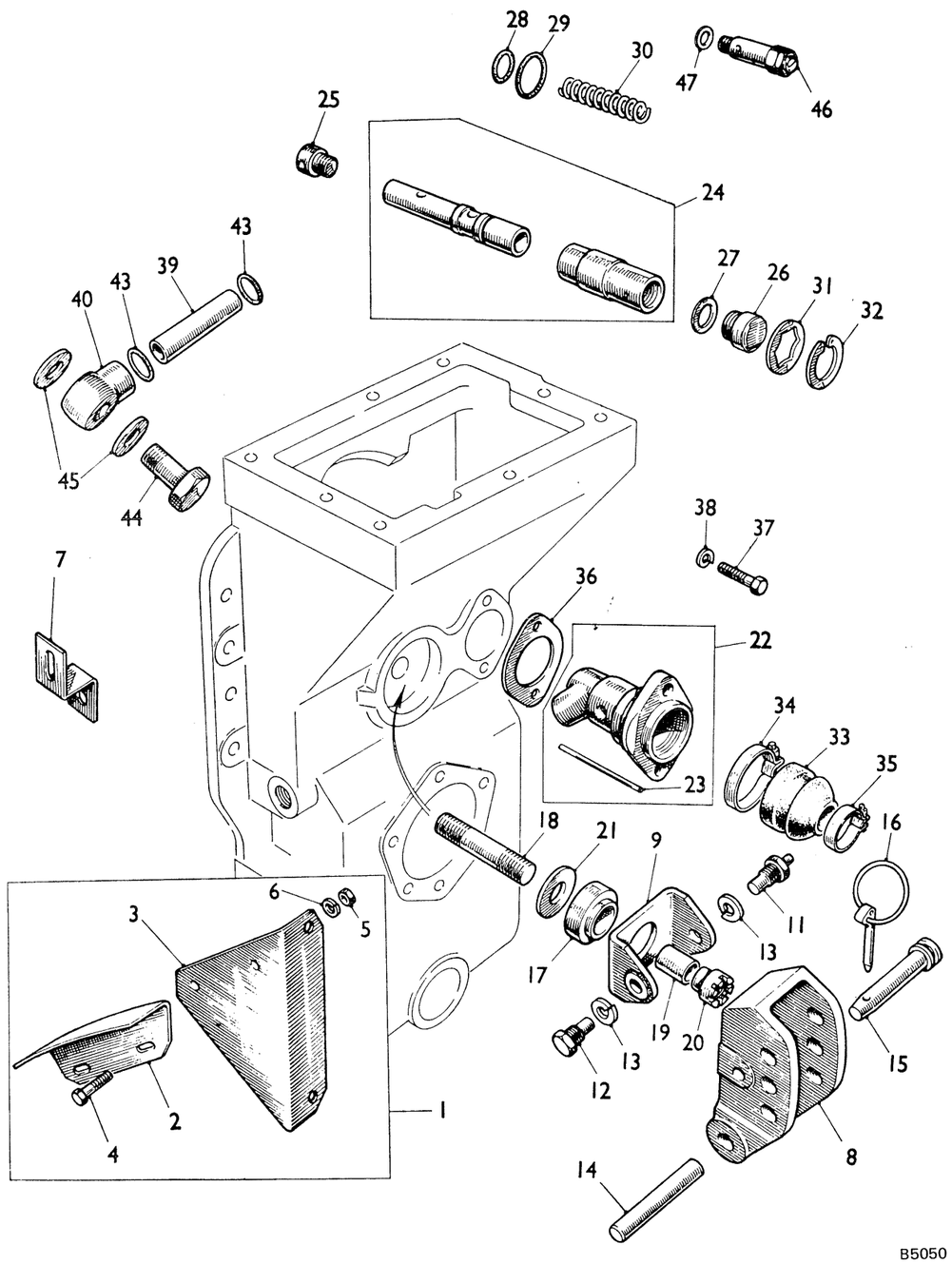
EO193

MR 11 DEPTH CONTROL VALVE



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6075	....	Lever Gate Assembly	....	1
2	ATJ 6076	....	:Gate	....	1
3	ATJ 6077	....	:Bracket	....	1
4	HNS 0505	....	:Bolt	....	2
5	FNN 105 1340/0101	Superseded	:Nut	....	2
6	LWN 205 1416/0005	Superseded	:Washer	....	2
7	NT 6404	....	Bracket-Hand Lever Gate	....	1
8	ATJ 6093	... .	Anchor Bracket	....	1
9	ATJ 6202	....	Plunger Pivot	....	1
11	ATJ 6103	....	Pivot Pin R.H.	....	1
12	ATJ 6104 ATJ 6500	Superseded	Pivot Pin L.H.	....	1
13	LWN 212	....	Washer	....	2
14	ATJ 6105	....	Pivot Pin	....	1
15	ATJ 6106	....	Link Pin	....	1
16	NT 7453	....	Pin	....	1
17	ATK 6101	....	Retainer	....	1
18	ATJ 6099	....	Stud	....	1
19	ATJ 6200 ATJ 6750	Superseded	Spacer	....	1
20	ATJ 6201	....	Nut	....	1
21	ATJ 6162	....	Belleville Washer	....	8
	ATJ 9422	N/A Use Component Parts	Depth Control Valve Assy	....	1
22	ATJ 6194	....	Valve Body	....	1
23	ATJ 6192	....	:Pipe	....	1
24	ATJ 9424	....	Valve and Plunger	....	1
25	ATJ 6188	....	Plug	....	1
26	ATJ 6156	....	Cap	....	1
27	ATJ 6191	....	Shim	....	As Reqd
28	ATJ 6211	....	'O' Ring	....	2
29	TRS 1721	....	'O' Ring	....	1
30	ATJ 6157	....	Valve Spring	....	1
31	ATJ 6158	....	Retaining Washer	....	1
32	CCN 223	....	Circlip	....	1
33	ATJ 6149	....	Gaiter	....	1

MR 11 DEPTH CONTROL VALVE

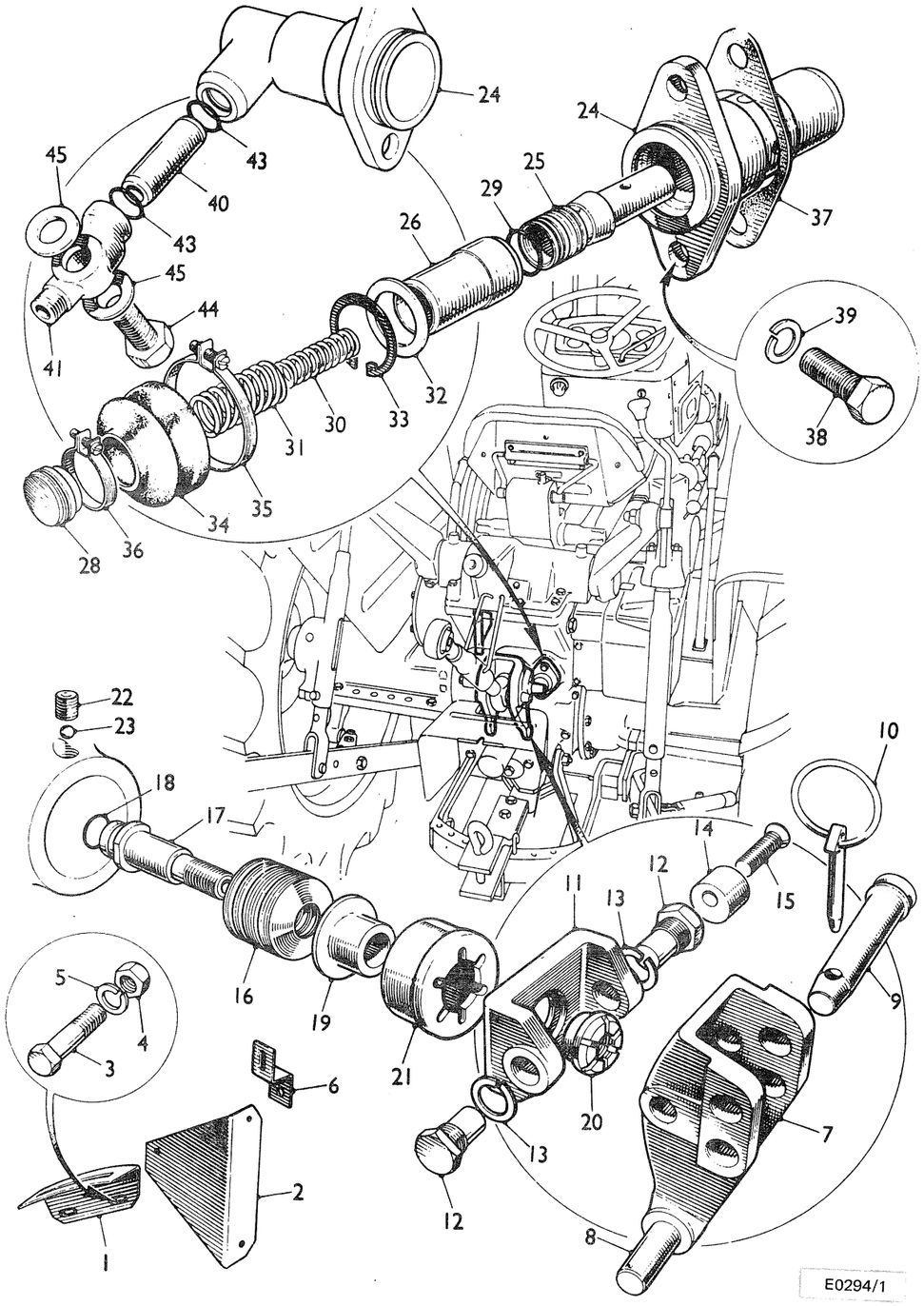


B5050

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
34	17H 6297 CCA 35	Superseded	Clip	....	1
35	17H 6489	....	Clip	....	1
36	ATJ 6186	....	Seal	....	1
37	HNS 0608	....	Bolt	....	2
38	LWN 206 1416/0006	Superseded	Washer	....	2
39	ATJ 6161	....	Oil Pipe	5 Speed Gearbox	1
40	ATJ 6159	....	Banjo	....	1
41	ATJ 6312	....	Oil Pipe	10 Speed Gearbox	1
42	ATJ 6346	....	Banjo	....	1
43	ATJ 6211	....	'O' Ring	....	2
44	ATJ 6160	....	Banjo Pin	....	1
45	ATJ 1055	....	Copper Washer	....	1
46	ATJ 6340 ATJ 6477	Superseded	Relief Valve	10 Speed Gearbox	1
47	ATJ 1064	....	Copper Washer	....	1

MR 12 DEPTH CONTROL VALVE

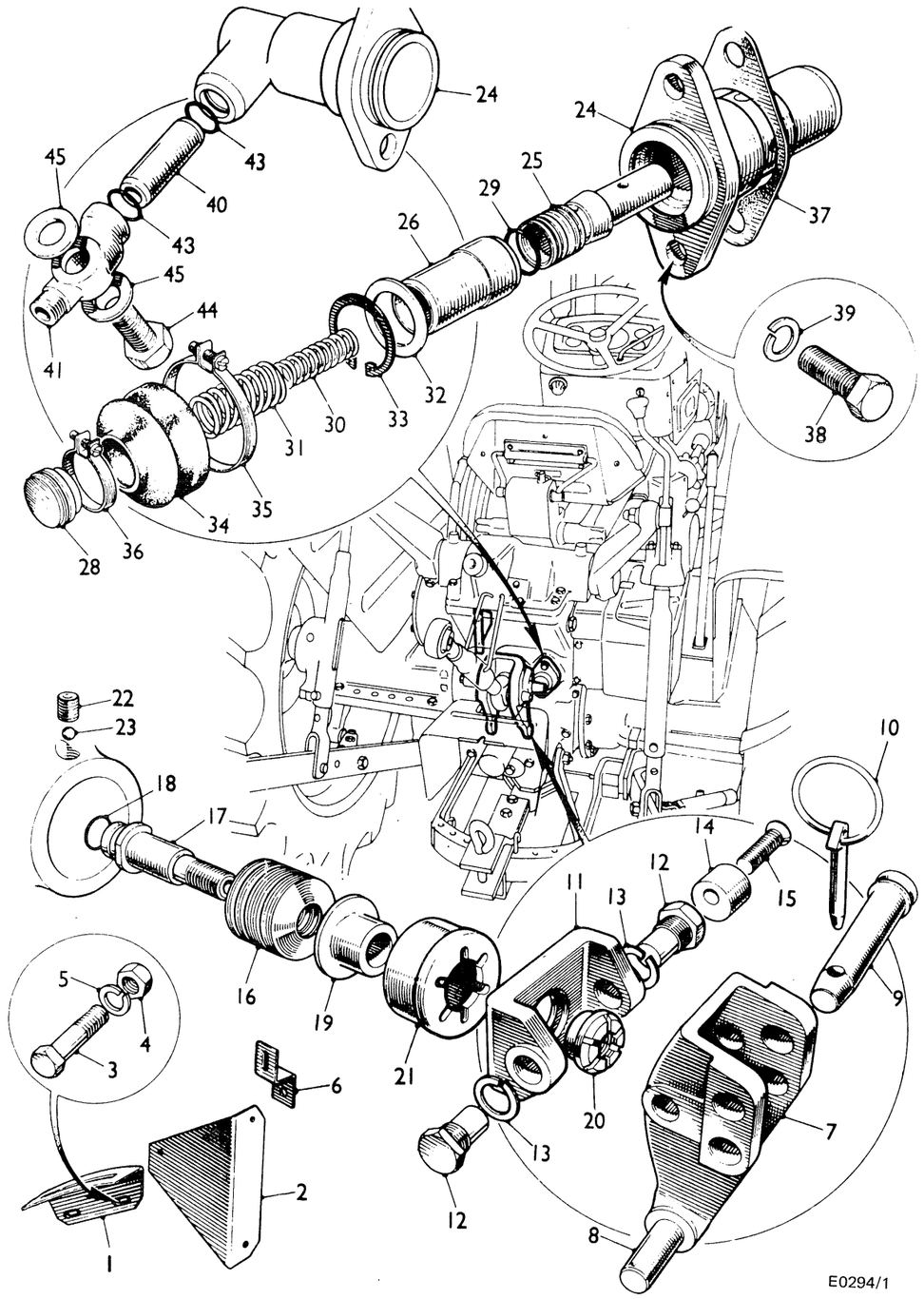
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6076	....	Gate	....	1
2	ATJ 6077	....	Bracket	....	1
3	HNS 0505	....	Bolt	....	2
4	FNN 105 1340/0101	Superseded	Nut	....	2
5	LWN 205 1416/0005	Superseded	Washer	....	2
6	NT 6404	....	Bracket	....	1
7	ATJ 6716 ATJ 6875	Superseded	Bracket	Anchor	1
8	ATJ 6105	....	Pivot Pin	....	1
9	ATJ 6717	....	Link Pin	....	1
10	NT 7453	....	Pin and Ring	....	1
11	ATJ 6499	....	Pivot	Actuator	1
12	ATJ 6500	....	Pivot Pin	....	2
13	LWN 212	....	Spring Washer	....	2
14	ATJ 6501	....	Sleeve	Adjusting	1
15	ATJ 6547	....	Screw	....	1
16	ATJ 6517 ATJ 6764	Superseded	Washer	Belleville	1
17	ATJ 6502	....	Shaft	Belleville Pack	1
18	ATJ 6651	....	'O' Ring	....	1
19	ATJ 6515	....	Actuator	....	1
20	ATJ 6503	....	Nut	....	1
21	ATJ 6544	....	Cap	....	1
22	ATJ 6505	....	Screw	....	1
23	ATJ 6516	....	Ball	....	1
24	ATJ 6506	....	Body	Depth Control Valve	1
25	ATJ 6765	....	Valve	....	1
26	ATJ 6508	....	Plunger	....	1
28	ATJ 6156	....	Cap	....	1
29	ATJ 6211	....	'O' Ring	....	1
30	ATJ 6545	....	Spring	Valve-Inner	1
31	ATJ 6546	....	Spring	Valve-Outer	1
32	ATJ 6158	....	Washer	....	1
33	CCN 223	....	Circlip	....	1
34	ATJ 6149	....	Gaiter	....	1
35	CCA 35	....	Clip	Gaiter-Large	1

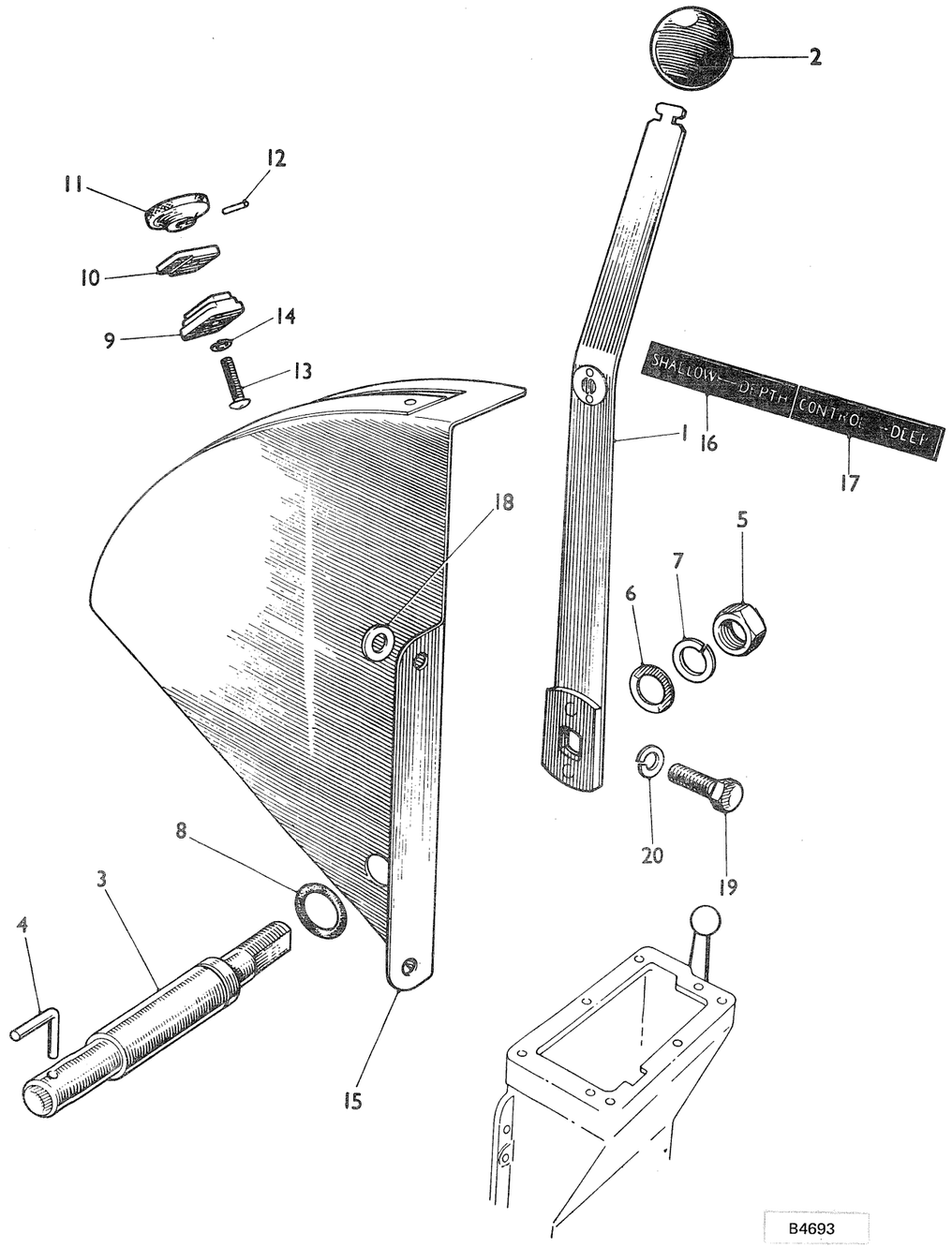
MR 12 DEPTH CONTROL VALVE

110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
36	17H 6489	....	Clip	Gaiter-Small	1
37	ATJ 6186	....	Seal	Valve Body to Main Casing	1
38	HNS 0608 1305/0206	Superseded	Bolt	Valve Body to Main Casing	2
39	LWN 206 1416/0006	Superseded	Spring Washer	....	2
40	ATJ 6608	....	Pipe	....	1
41	ATJ 6611	....	Banjo	....	1
43	ATJ 6211	....	'O' Ring	Banjo	2
44	ATJ 6160	....	Banjo Bolt	....	1
45	ATJ 1055	....	Washer	....	2

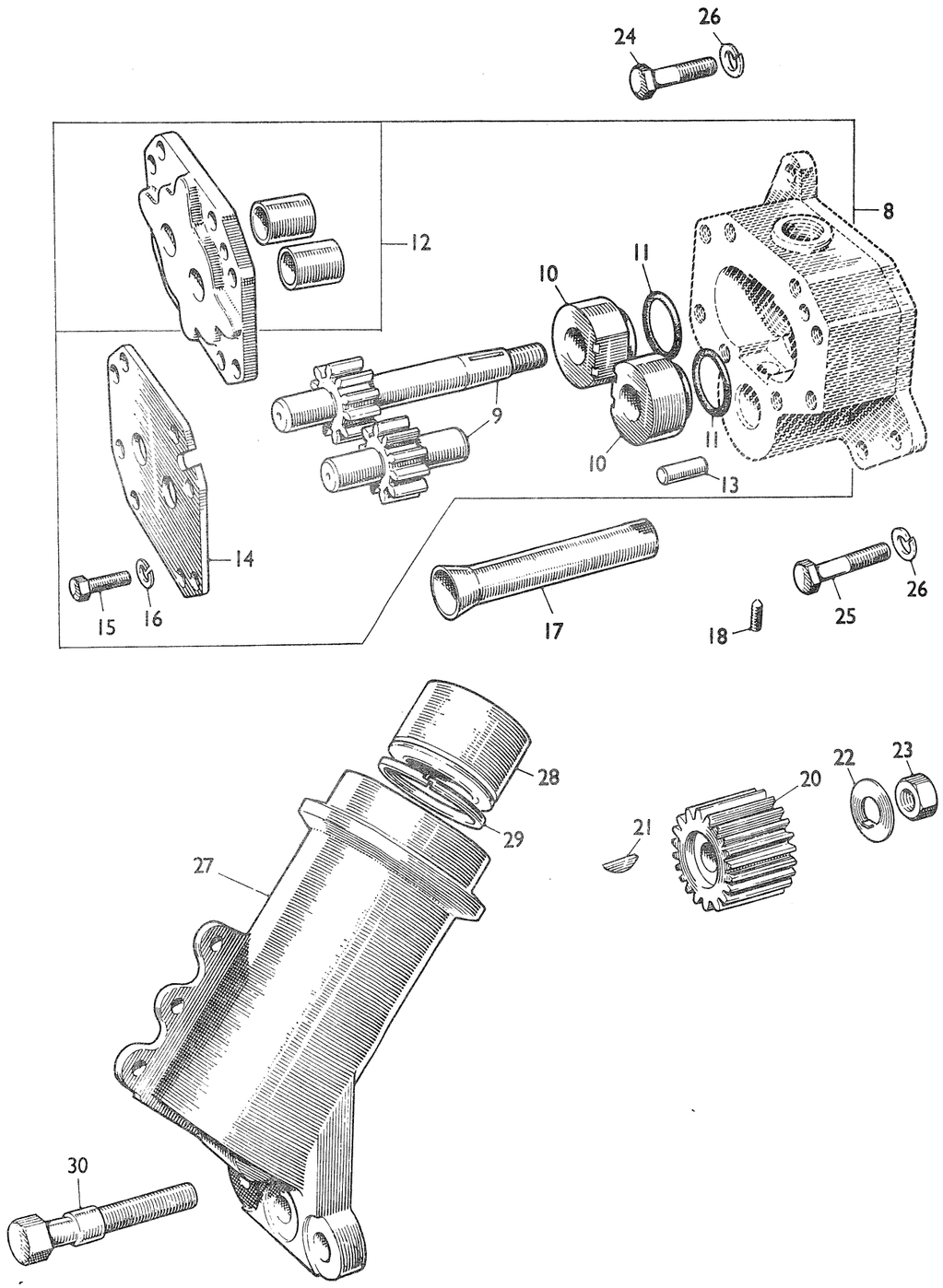
MR 13 DEPTH CONTROL VALVE



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6118	....	Lever	....	1
2	NT 1625	....	Knob	....	1
3	ATJ 6187	....	Shaft	....	1
4	ATJ 6190	....	Valve Operating Lever	....	1
5	FNN 108 1340/0401	Superseded	Nut	....	1
6	NT 3544 988/00053	Superseded	Washer	....	2
7	LWN 208 1416/0008	Superseded	Washer	....	1
8	TRS 0710 ATJ 2136	Superseded	'O' Ring	....	1
9	ATJ 6184	....	Stop	Depth Control Lever	1
10	ATJ 6185	....	Stop Retainer	....	1
11	NT 5680	....	Nut	....	1
12	NT 3164	....	Mills Pin	....	1
13	PMZ 0418	....	Screw	....	1
14	AJD 7722	....	Washer	....	1
15	ATJ 6115	....	Gate	Lever Control	1
16	ATJ 6352	....	Transfer	....	1
17	ATJ 6353	....	Transfer	....	1
18	ATJ 6125	....	Distance Piece	....	2
19	HBN 0718 1305/3316	Superseded	Bolt	Gate to Main Casing	2
20	LWN 207 1416/0007	Superseded	Washer	....	2

MR 15 HYDRAULIC PUMP FIG. 1

110M **ISSUE** 2



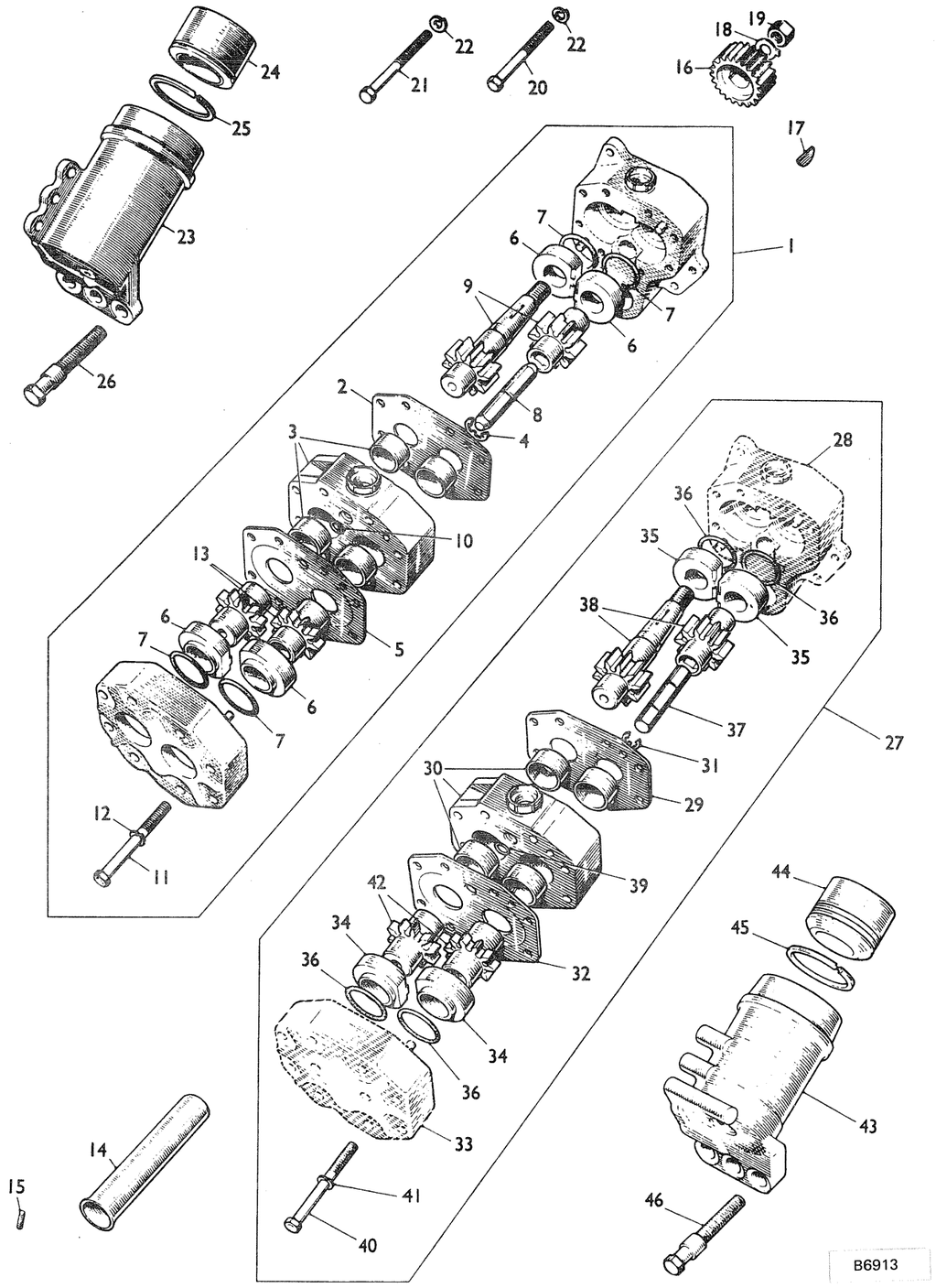
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
8	ATJ 6048	....	Pump Assembly 2000 p.s.i. (140.62 kg/cm^2)	....	1
	N.S.P.	....	:Pump Body	....	1
9	37H 378	....	:Drive Gear and Shaft	....	1
10	27H 1987	....	:Bush	....	2
11	27H 1992	....	:'O' Ring	....	2
12	27H 1985	....	:End Cover and Bushes	....	1
13	27H 1990	....	:Dowel	....	2
14	27H 1991	....	:Face Plate	....	1
15	HZS 0610 1305/0208	Superseded	:Bolt	....	8
16	LWZ 506	....	Washer	....	8
17	NT 4523	....	Suction Pipe	....	1
18	ATJ 1002	(HU) 2000U	Grub Screw	....	1
20	ATJ 6079	50201	Gear-Pump Drive	....	1
21	WKN 506	....	Key	....	1
22	NT 7108	....	Tab Washer	....	1
23	FNN 108 1340/0401	Superseded	Nut	....	1
24	ATJ 1013	....	Bolt	....	1
25	ATJ 1015	....	Bolt	....	2
26	LWN 206 1416/0006	Superseded	Washer	....	3
27	NT 7035	....	Cylinder	....	1
28	NT 7036	....	Piston	....	1
29	NT 7037	....	Piston Ring	....	1
30	NT 5708	....	Bolt	....	3

MR

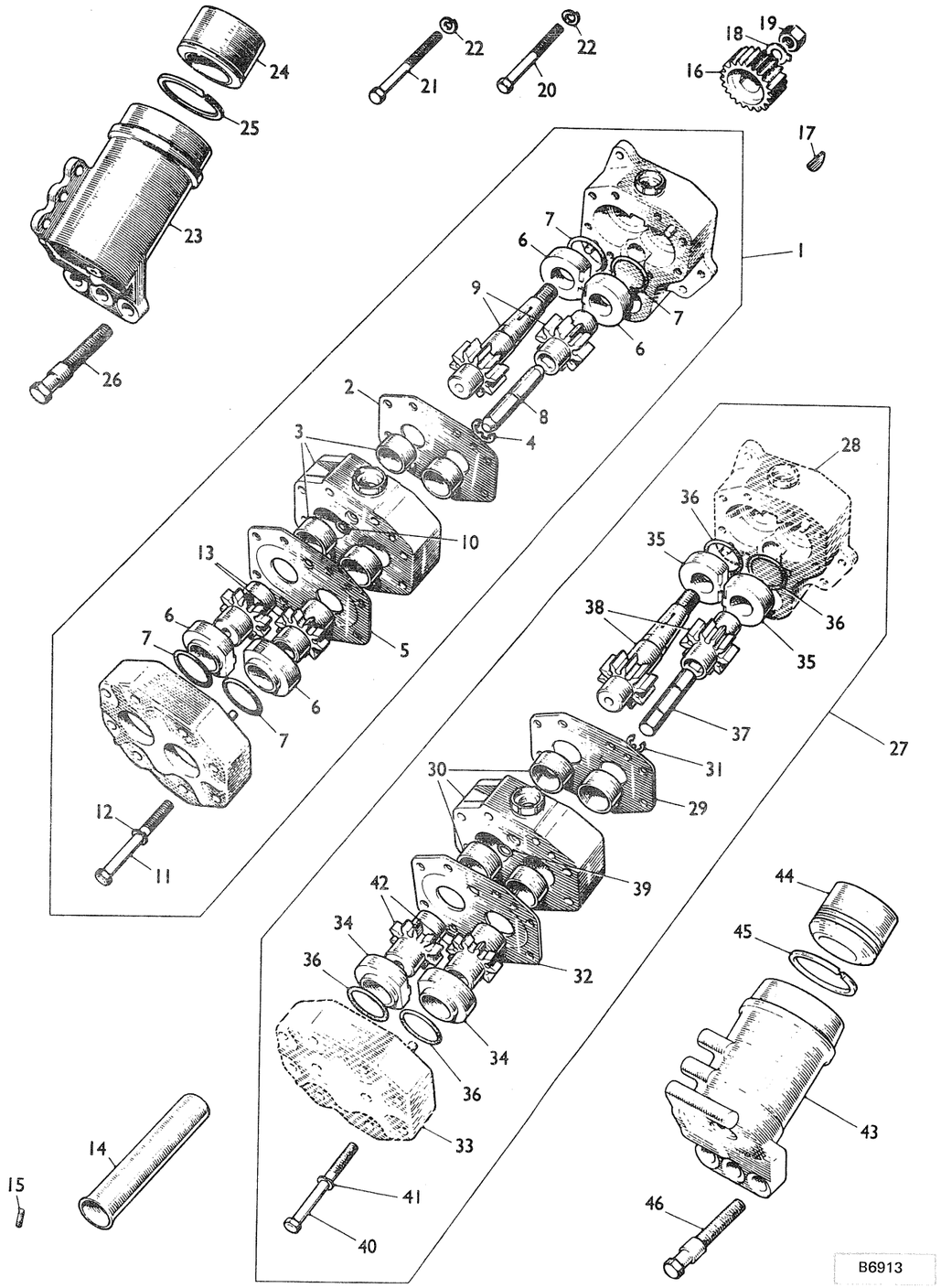
Page MR16 to MR21-2

MR 16 HYDRAULIC PUMP FIG. 2

110M **ISSUE** 3

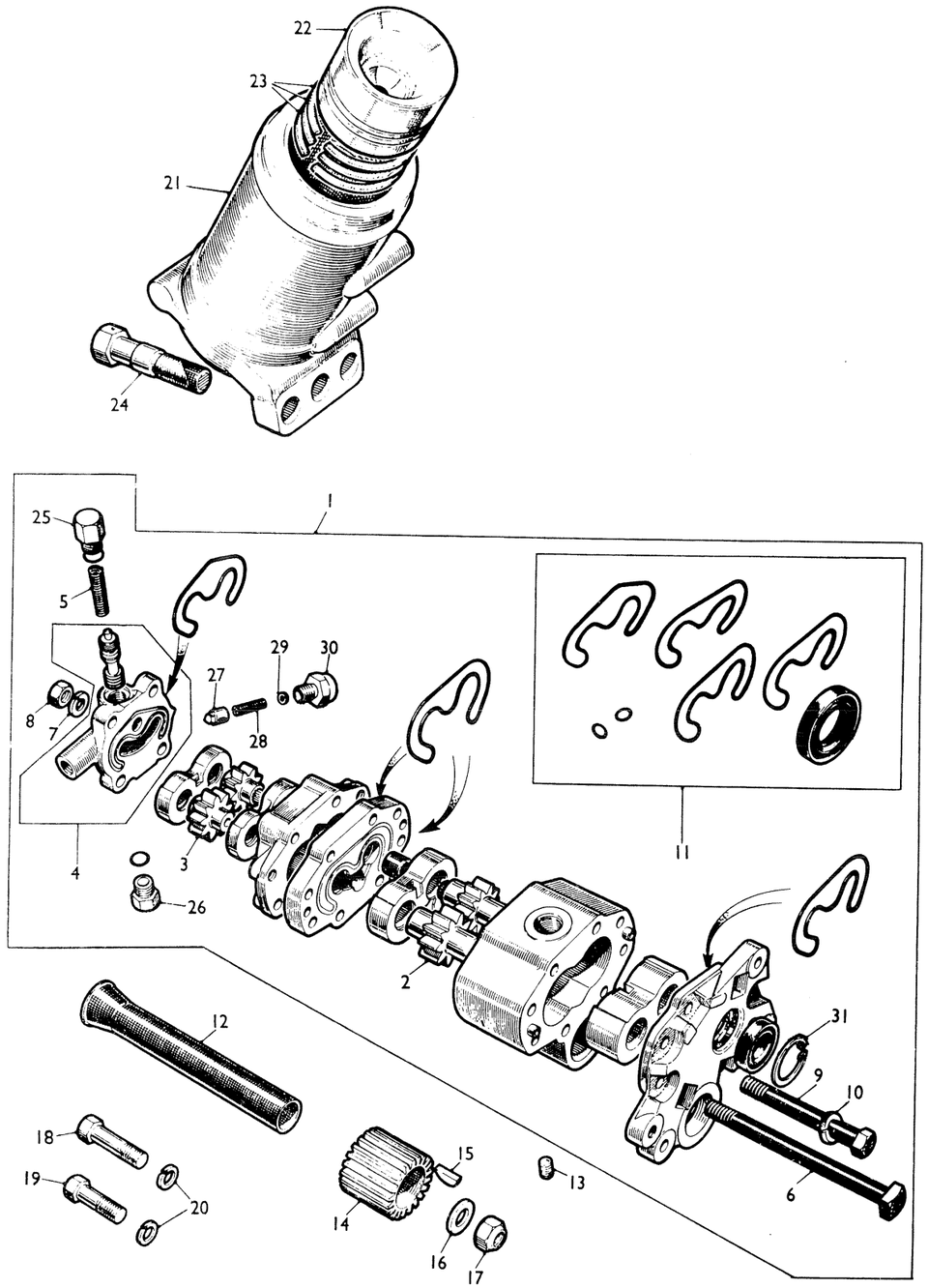


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6332	....	Pump Assembly-Tandem 2000 p.s.i. (140.62 kg/Cm^2)	....	1
	N.S.P.	....	:Pump Body-Rear	....	1
2	27H 2910	....	:Face Plate-Rear	....	1
3	27H 2911	....	:Bush and Plate Assembly	....	1
4	27H 2912	....	:Circlip	....	1
5	27H 2913	....	:Face Plate-Front	....	1
	N.S.P.	....	:Pump Body-Front	....	1
6	27H 2914	(HU) 2000U HP2-1001 on	:Bush	....	4
7	27H 2915	....	:'O' Ring	....	4
8	27H 2916	....	:Drive Shaft	....	1
9	27H 2917	....	:Drive Gear and Shaft	....	1 set
10	27H 2918	....	:'O' Ring	....	1
11	HBZ 0628 1305/3226	Superseded	:Screw	....	8
12	LWZ 206 1416/0006	Superseded	:Spring Washer	....	8
13	27H 2919	....	:Gear-Drive and Driven	....	1 set
14	NT 4523	....	Suction Pipe	....	1
15	ATJ 1002 ATJ 6760	Superseded	Grab Screw	....	1
16	ATJ 6079	....	Gear-Pump Drive	....	1
17	WKN 506	....	Key	....	1
18	NT 7108	....	Tab Washer	....	1
19	FNN 108 1340/0401	Superseded	Nut	....	1
20	ATJ 1013	....	Bolt	....	1
21	ATJ 1015	....	Bolt	....	2
22	LWN 206 1416/0006	Superseded	Spring Washer	....	3
23	NT 7035		Cylinder	....	1
24	NT 7036	(HU) 2000U-HP2-1001 on	Piston	....	1
25	NT 7037		Piston Ring	....	1
26	NT 5708		Bolt	....	3
27	ATJ 6434		Twin Delivery Pump Assy 2500 p.s.i. (175.78 kg/cm^2)	....	1
28	N.S.P.		:Pump Body-Rear	....	1



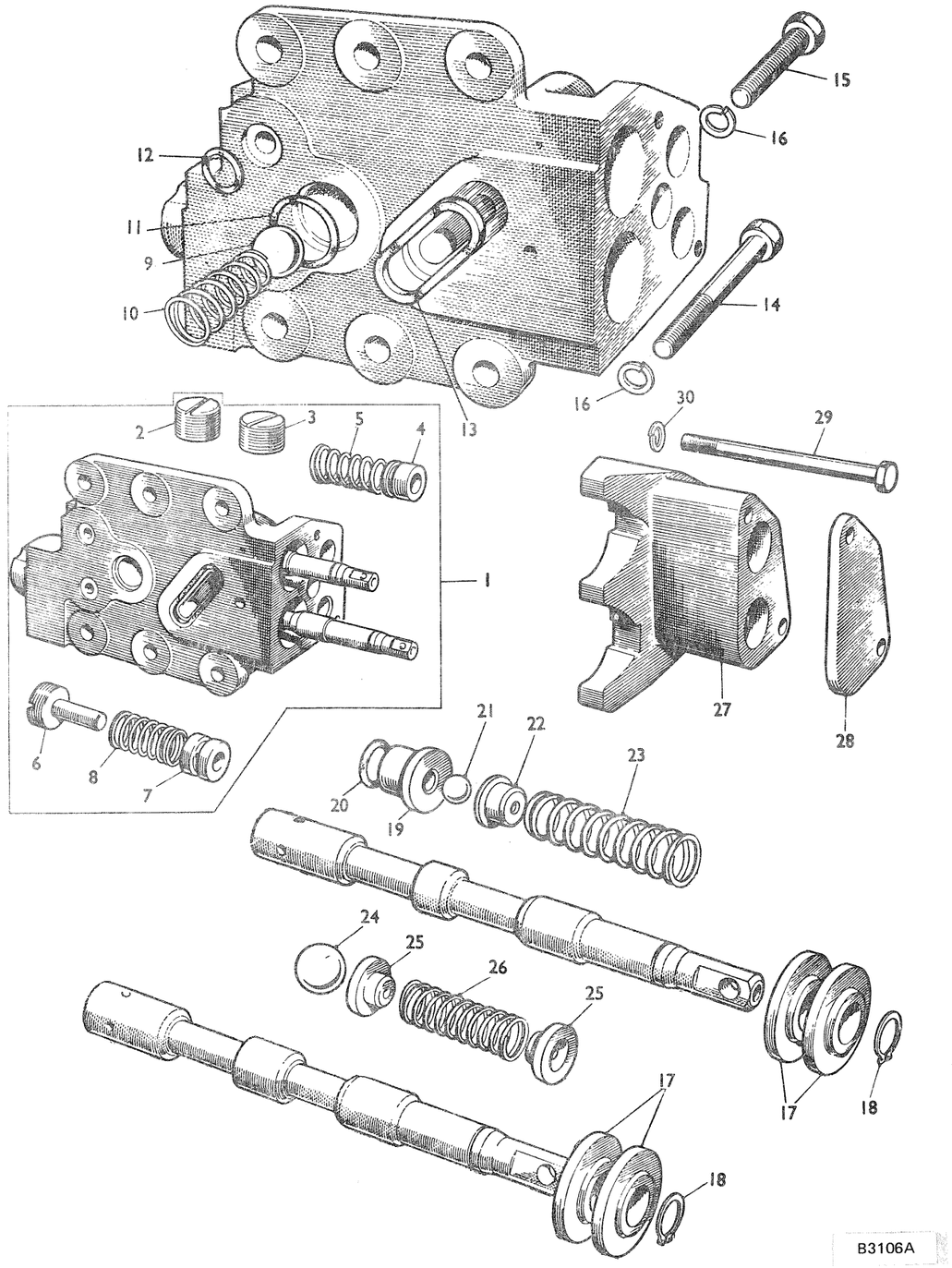
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
29	27H 2910	(HU) 2000-H-HP2-12202 on	:Face Plate-Rear	....	1
30	27H 6233	2500U-HP2 14000 on	:Bush-Plate Assembly	....	1
31	27H 6232	....	:Circlip	....	2
32	27H 2913	....	:Face Plate	....	1
33	N.S.P.	....	:Pump	Front	1
34	27H 6235 27H 9184	Superseded	:Bush	....	1
35	27H 6229 27H 9185	Superseded	:Bush	....	1
36	27H 6228 27H 9223	To P 25053	:'O' Ring	....	4
37	27H 6231	....	:Drive Shaft	....	1
38	27H 6234	....	:Gear and Shaft	(HU) 2000U-H-HP2-12202 on	1 set
39	27H 2918	.... 14000 on	:'O' Ring	2500U-HP2	1
40	HBZ 0628 1305/3226	Superseded	:Bolt	....	8
41	LWZ 206 1416/0006	Superseded	:Spring Washer	....	8
42	27H 6230	....	:Gear	....	1 set
43	ATJ 6363	....	Cylinder	....	1
44	ATJ 6365 ATJ 6556	Superseded	Piston and Insert	From (HU) 25054 Use with ATJ 3243	1
45	ATJ 6400	....	Piston Ring	....	3
46	ATJ 6368 18G 8235	....	Bolt Repair Kit	.... Pressure Plate	3 1

MR 16–1 HYDRAULIC PUMP FROM TRACTOR No. 99001



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
30	37H 1845 20/200106	Superseded	Plug	....	1
31	37H 1847	....	Circlip	....	1

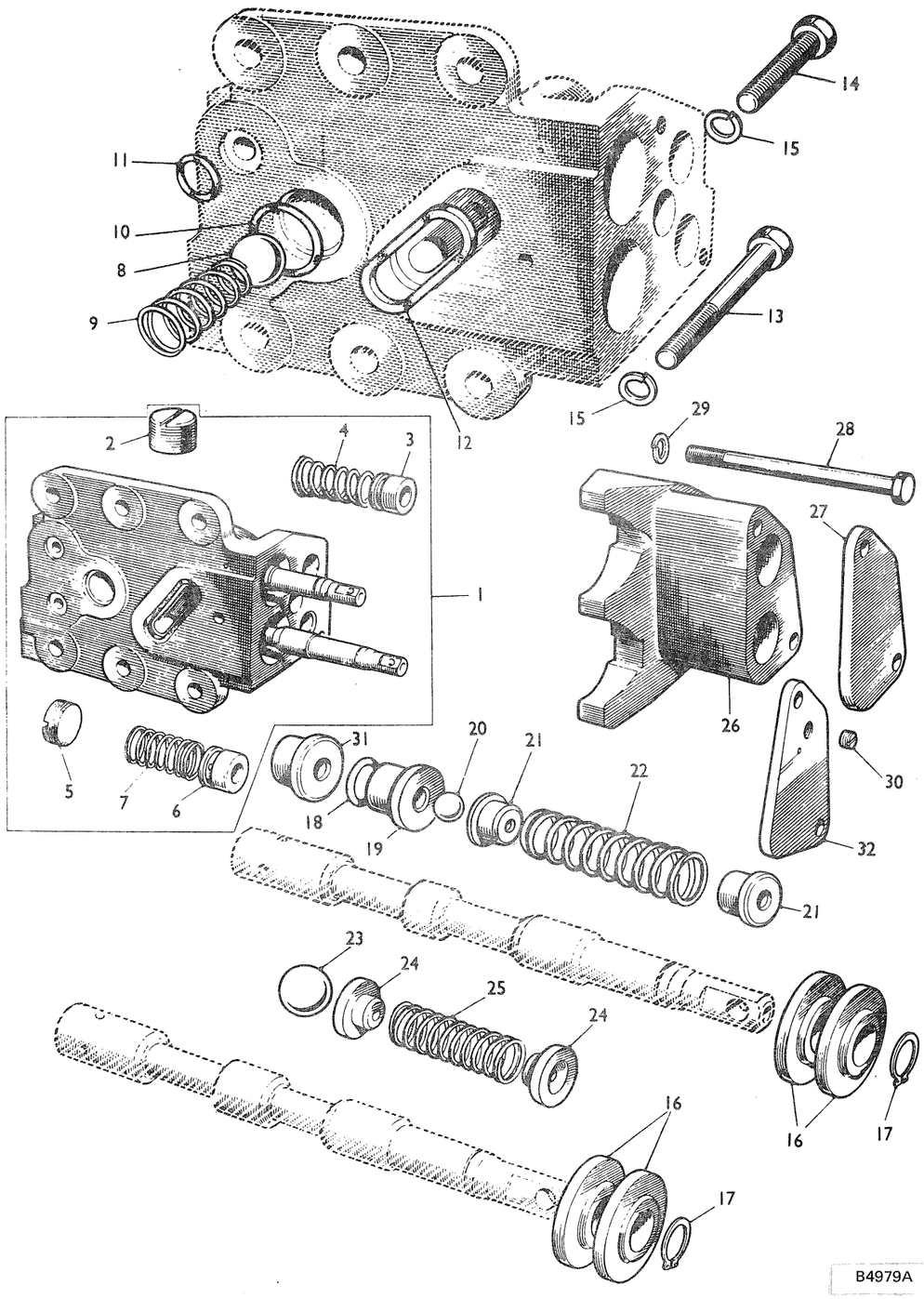
MR 17 CONTROL VALVE FIG. 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 9456		Valve Assembly	....	1
2	ATJ 6108		:Plug	....	2
3	NT 3384		:Plug	....	3
4	NT 3862		:Limiting Valve	....	1
5	NT 3863		:Spring	....	1
6	ATJ 6112		:Plug	....	1
7	ATJ 6111		:Limiting Valve	....	1
8	ATJ 6113		:Spring	....	1
9	BLS 124		Ball-Non-Return Valve	....	1
10	NT 3391		Spring	....	1
11	NT 3394		Sealing Ring	....	1
12	ATJ 6086 ATJ 5386	Superseded	Sealing Ring	....	3
13	NT 3396		Oil Seal	....	1
14	HBN 0618 1305/3216	Superseded (HU) 2000U- 50201	Bolt	Valve Body to Cylinder	2
15	HBN 610		Bolt	Valve Body to Cylinder	4
16	LWN 206 1416/0006	Superseded	Spring Washer	....	6
17	NT 4292		Return Piston	....	4
18	ATJ 1038		External Circlip	....	2
19	ATJ 6425		Orifice-High Pressure Valve	....	1
20	ATJ 6086 ATJ 5386	Superseded	Oil Seal	....	1
21	BLS 114		Ball-High Pressure Valve	....	1
22	NT 4372		Seat-High Pressure Valve	....	1
23	ATJ 6426		Spring-High Pressure Valve	....	1
24	BLS 124		Ball-Low Pressure Valve	....	1
25	NT 4899		Seat-Low Pressure Valve	....	2
26	ATJ 6091		Spring-Low Pressure Valve	....	1
27	NT 4429		Housing	....	1
28	NT 7356		Cover	....	1
29	HBZ 0522 1305/3120	Superseded	Bolt	Cover and Housing to Valve	2
30	LWZ 205 1416/0005	Superseded	Spring Washer	....	2

MR 19 CONTROL VALVE FIG. 2

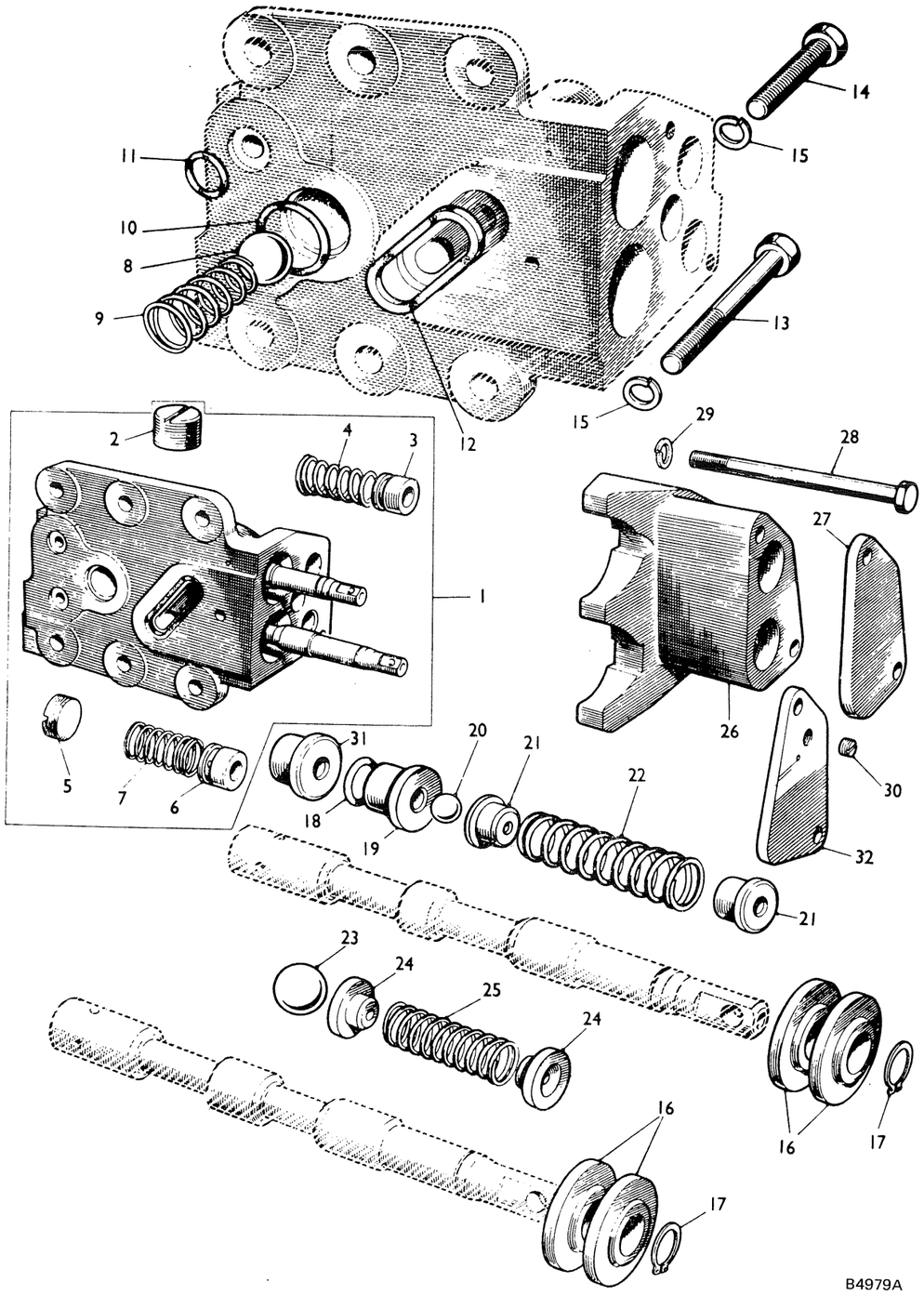
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 9464	(HU) 2000U HP2 1001 on	Valve Assembly	....	1
	ATJ 9525	(HU) 2000U H HP2-12202 on 2500U-HP2-14000 on	Valve Assembly	....	1
2	NT 3384	....	:Plug	....	3
3	NT 3862	....	:Limiting Valve	....	1
4	NT 3863	....	:Spring	....	1
5	ATJ 6319	....	:Plug	....	1
6	ATJ 6422	....	:Limiting Valve	....	1
7	ATJ 6320	....	:Spring	....	1
8	BLS 124	....	Ball-Non-Return Valve	....	1
9	NT 3391	....	Spring	....	1
10	NT 3394	....	Seal	....	1
11	ATJ 6086 ATJ 5386	Superseded	Seal	....	2
12	NT 3396	....	Oil Seal	....	1
13	HBN 0618 1305/3216	Superseded	Bolt	....	2
14	HBN 610 1305/3208	Superseded	Bolt	....	4
15	LWN 206 1416/0006	Superseded	Spring Washer	....	6
16	NT 4292	....	Return Piston	....	4
17	ATJ 1038	....	External Circlip	....	2
18	ATJ 6086 ATJ 5386	Superseded	Seal	....	1
19	ATJ 6425	....	Orifice-High Pressure Valve	....	1
20	BLS 114	....	Ball-High Pressure Valve	....	1
21	NT 4372	....	Seat-High Pressure Valve	Quantity increased at (HU) 2500U HP2-14000 on	1/2
22	ATJ 6426	....	Spring-High Pressure Valve	....	1
23	BLS 124	....	Ball-Low Pressure Valve	....	1
24	NT 4899	....	Seat-Low Pressure Valve	....	2
25	ATJ 6091	....	Spring-Low Pressure Valve	....	1
26	NT 4429	....	Housing	....	1
27	NT 7356	(HU) 2000U HP2-1001 on 2000U-H-HP2 12202 on	Cover	....	1

MR 19 CONTROL VALVE FIG. 2

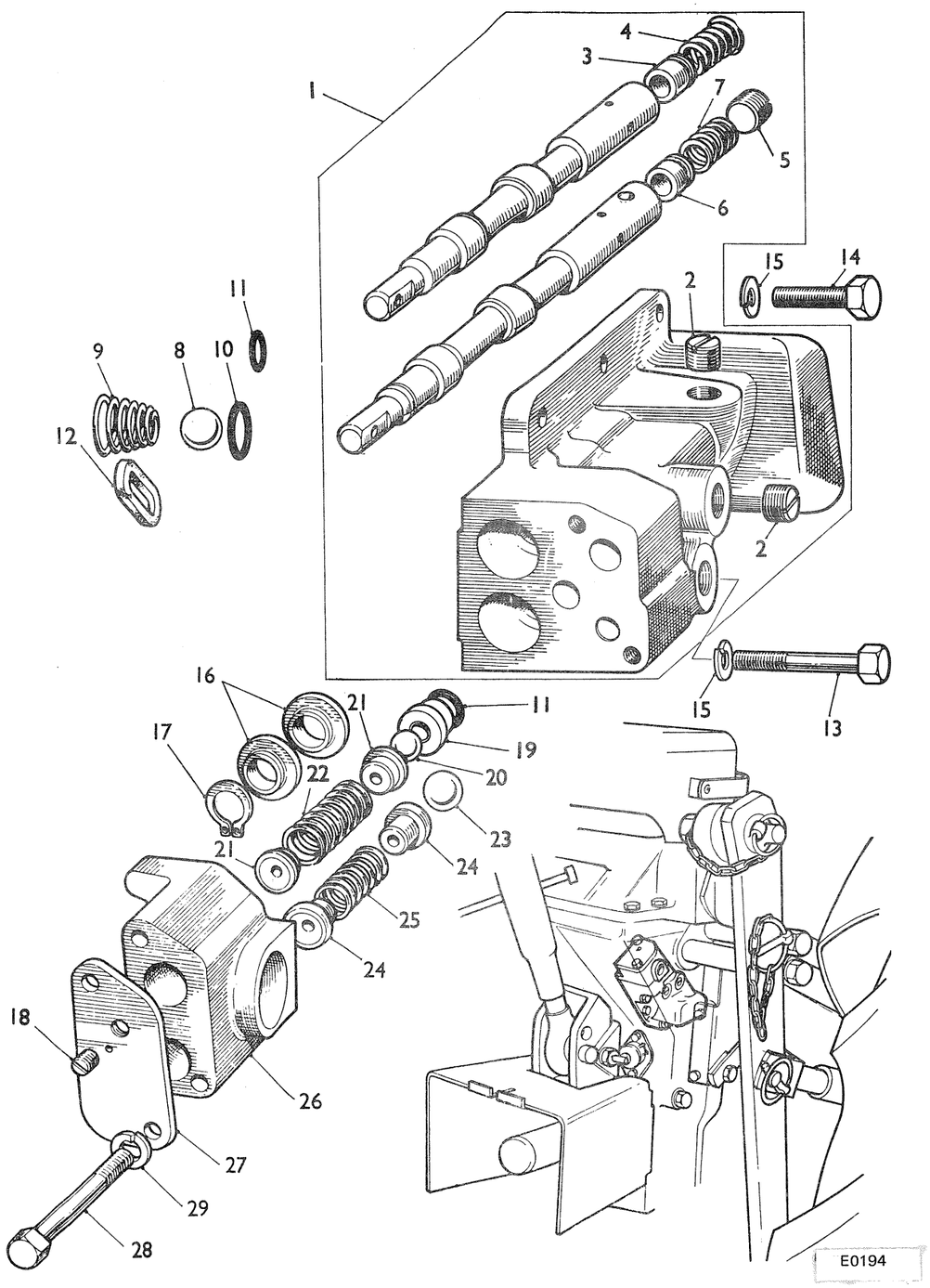
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
28	HBZ 0522 1305/3120	Superseded	Bolt	....	2
29	LWZ 205 1416/0005	Superseded	Spring Washer	....	2
30	ATJ 6427	....	Adjusting Screw	....	1
31	ATJ 6425	....	Orifice-High Pressure Valve	....	1
32	ATJ 6429	(HU) 2500U-HP2-14000 on	Cover	....	1

MR 19–1 CONTROL VALVE FROM TRACTOR
No: 99001

110M **ISSUE** 3



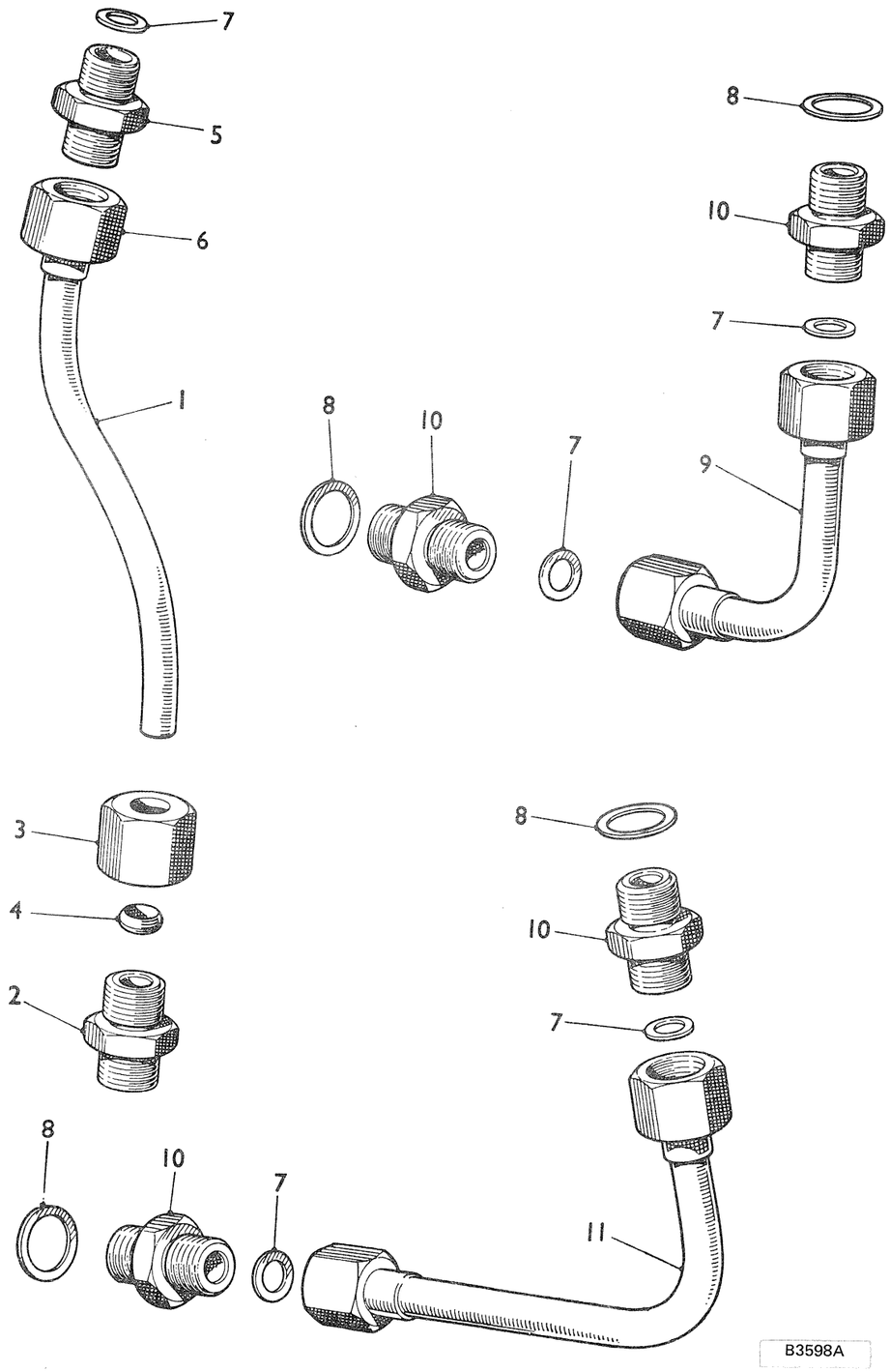
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 9525	....	VALVE BODY AND PLUNGER	....	1
	N.S.P.	....	:Valve Body	....	1
2	NT 3384	....	:Plug	....	3
	N.S.P.	....	:Plunger	Auxiliary	1
3	NT 3862	....	:Valve	Limiting	1
4	NT 3863	....	:Spring	....	1
	N.S.P.	....	:Plunger	Main	1
5	ATJ 6319	....	:Plug	....	1
6	ATJ 6422	....	:Valve	Limiting	1
7	ATJ 6320	....	:Spring	....	1
8	BLS 124	....	Ball	....	1
9	NT 3391	....	Spring	....	1
10	NT 3394	....	Seal	Large	1
11	ATJ 6086 ATJ 5386	Superseded	Seal	Small	3
12	NT 3396	....	Seal	Oval	1
13	HBN 0618 1305/3216	Superseded	Bolt	....	2
14	HBN 0610 1305/3208	Superseded	Bolt	....	4
15	LWN 206 1416/0006	Superseded	Spring Washer	....	6
16	NT 4292	....	Piston	Detent	4
17	ATJ 1038	....	Circlip	....	2
18	ATJ 6427	....	Screw	H.P.Relief Valve Adjusting	1
19	ATJ 6425	....	Valve	....	1
20	BLS 114	....	Ball	....	1
21	NT 4372	....	Seat	....	2
22	ATJ 6426	....	Spring	....	1
23	BLS 124	....	Ball	....	1
24	NT 4899	....	Seat	....	2
25	ATJ 6091	....	Spring	....	1
26	NT 4429	....	Housing	Valve	1
27	ATJ 6429	....	Cover	....	1
28	HBZ 0522 1305/3120	Superseded	Bolt	....	2
29	LWZ 205 1416/0005	Superseded	Spring Washer	....	2

ILLUSTRATION TO FOLLOW

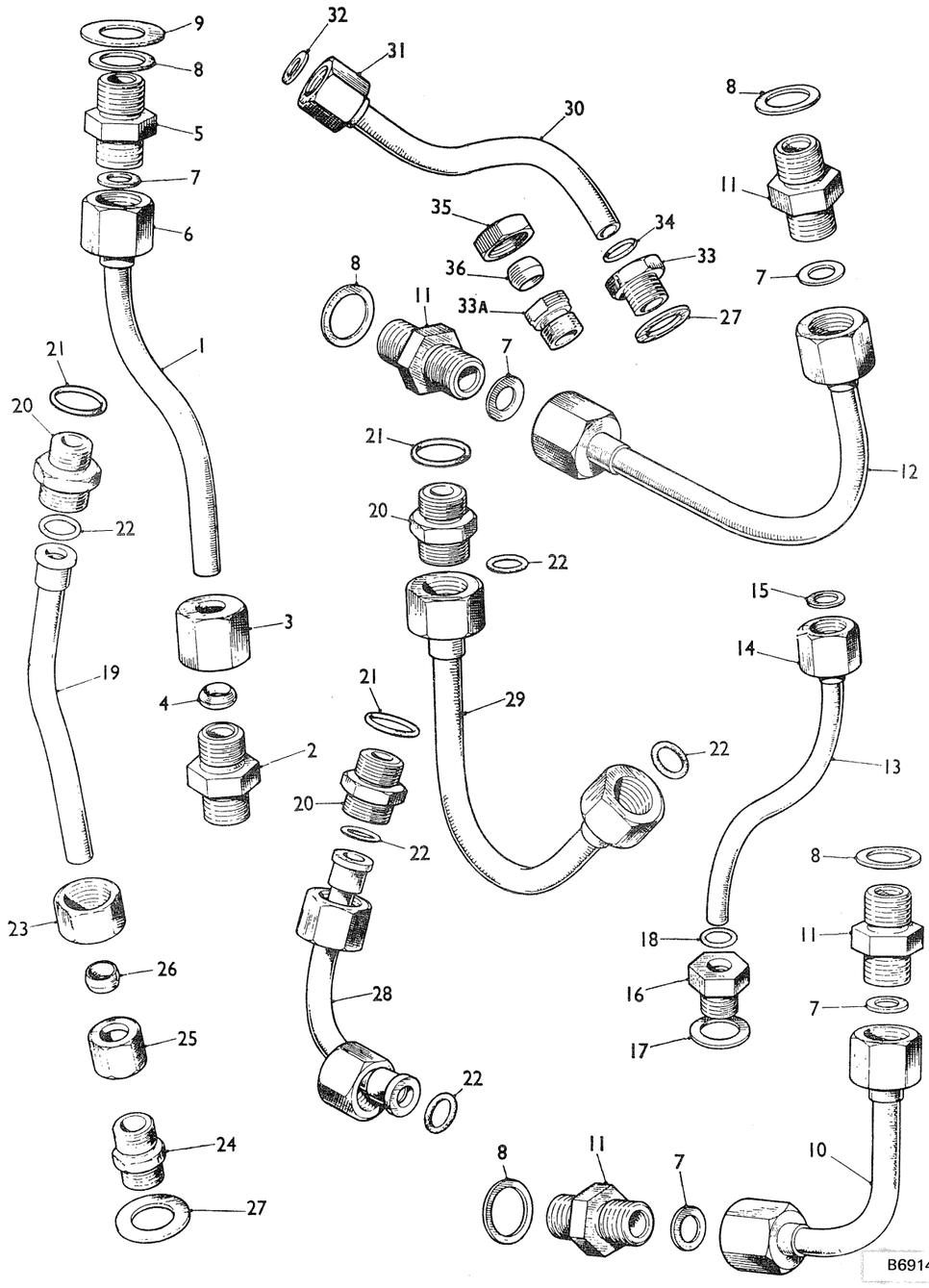
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6999	....	Body & Pipework	....	1
2	ATJ 6850	....	:'O'Ring	....	1
3	ATJ 6953	....	:Spring Register	Non Return Valve	1
4	ATJ 6631	....	:Spring	....	1
5	BLS 120	....	:Ball	....	1
6	ATJ 6954	....	:'O'Ring	....	1
7	ATJ 5386	....	:'O'Ring	....	1
8	ATJ 6855	....	:'O'Ring	....	1
9	ATJ 5467	....	:Seal		1
10	ATJ 5468	....	:Back-up Washer		1
11	ATJ 5334	... .	:Spring	High Pressure Relief Valve	1
12	BLS 113	... .	:Ball		1
13	ATJ 5335	....	:Seat		2
14	BLS 124	....	:Ball		1
15	ATJ 6091	....	:Spring	Low Pressure Relief Valve	1
16	NT 4899	....	:Seat	Low Pressure Valve Seat	2
17	HBN 0620 1305/3218	Superseded	:Bolt		1
18	HBN 0626 1305/3224	Superseded	Bolt		1
19	LWN 206 1416/0006	Superseded	Washer	Valve Body to Cylinder	3
20	ATJ 5387	....	Shim		3
21	ATJ 5386	....	Seal		1

MR 20 HYDRAULIC PIPES FIG. 1

110M **ISSUE** 1



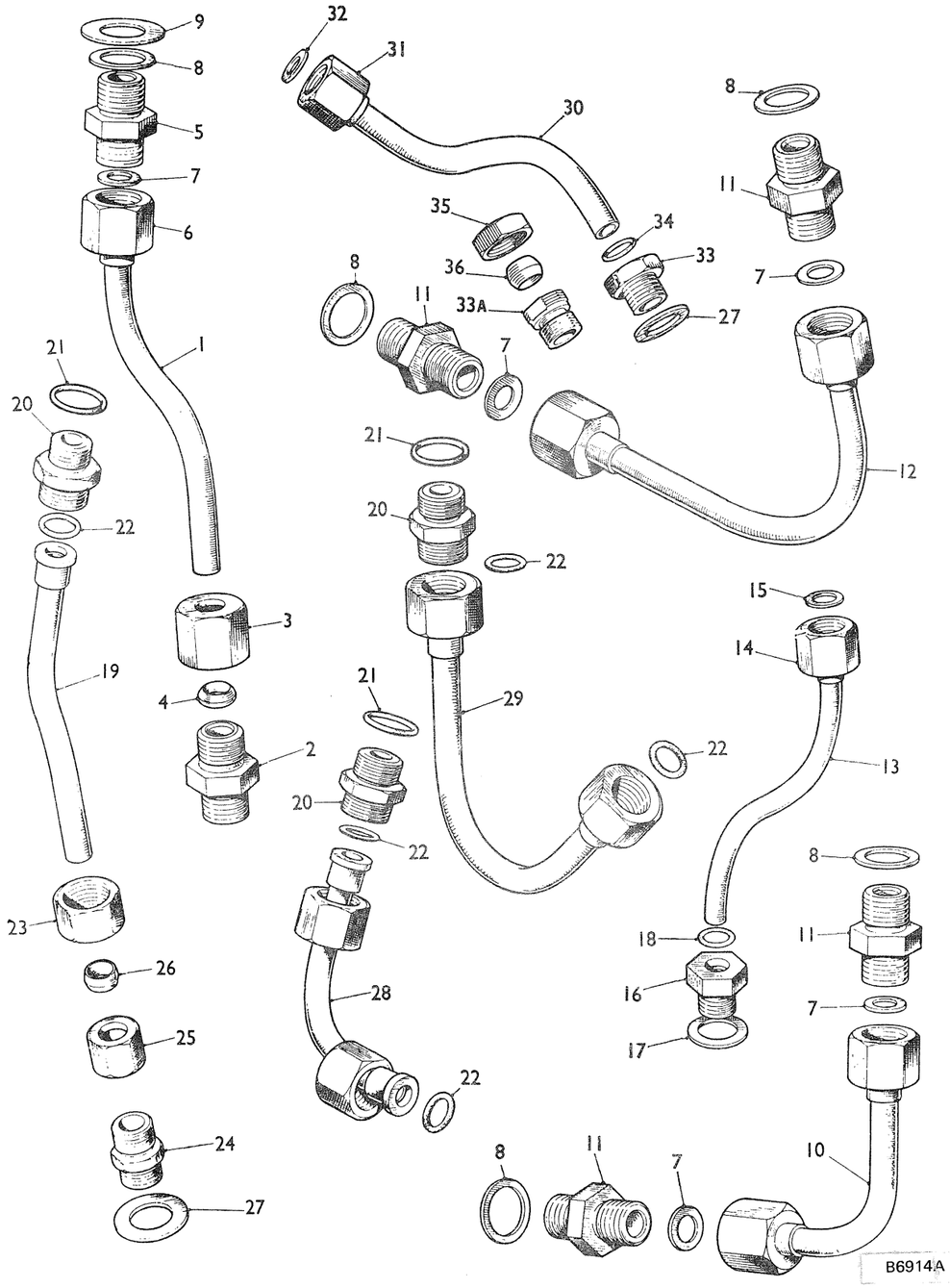
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6051		Pipe-Power	....	1
2	NT 3802		Adapter Union	....	1
3	NT 3801		Union Nut	....	1
4	NT 3803		Olive	....	1
5	NT 3794		Adapter Union	....	1
6	NT 3793		Union Nut	....	1
7	NT 3795		Fibre Washer-1/8in. (3.17mm)		5
		(HU) 2000U 50201			
	NT 3796		Fibre Washer - 3/32in. (2.38mm)	One Used of Selected Size	5
	NT 3797		Fibre Washer - 1/16in. (1.58mm)		5
8	ATJ 1047		Copper Washer	....	4
9	ATJ 6136		Pipe-Auxiliary-Valve Body	....	1
10	NT 3794		Adapter Union	....	4
11	NT 7028		Pipe-Auxiliary-Hydraulic Cylinder	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6322	....	Pipe	Power	1
2	ATJ 6324	....	Adapter	....	1
3	NT 3801	....	Nut	....	1
4	NT 3803	....	Olive	....	1
5	NT 3794	....	Adapter	....	1
6	NT 3793	....	Nut	....	1
7	NT 3795	....	Washer	1/8in.(3.17mm) One used	1
	NT 3796	....	Washer	3/32in.(2.38mm) of Selected	1
	NT 3797	....	Washer	1/16in.(1.58mm) Size	1
8	ATJ 1047	....	Washer	....	1
9	ATJ 1063	....	Washer (HU) 2000U HP2-1001	....	1
10	ATJ 6136	....	Pipe	Auxiliary-Valve Body	1
11	NT 3794	....	Adapter	....	4
12	NT 7028	....	Pipe	Auxiliary-Hydraulic Cylinder	1
13	ATJ 6326 ATJ 6483	Superseded	Pipe	Pump to Banjo	1
14	TNN 307	....	Nut	....	1
15	ATJ 6329	....	Washer	....	1
16	ATJ 6330 ATJ 6531	Superseded	Adapter	Pipe to Pump	1
17	ATJ 1063	... .	Washer	....	1
18	TRS 0811	....	'O'Ring	....	1
19	ATJ 3208	... .	Pipe	Power	1
20	ATJ 3205	....	Adapter	....	5
21	ATJ 1072	....	'O'Ring	Large	5
22	TRS 0710 ATJ 2135	Superseded	'O'Ring	Small	5
23	ATJ 3203	....	Nut	....	1
24	ATJ 3210	....	Adapter	Pipe Body-Rear	1
25	ATJ 3211	....	Nut	....	1
26	ATJ 3212	....	Olive (HU) 2000U-H-HP2-12202 and	....	1
27	ATJ 1063	....	Washer 2500U-HP2-14000	....	1
28	ATJ 3200	....	Pipe	Auxiliary-Valve Body	1

MR 21 HYDRAULIC PIPES

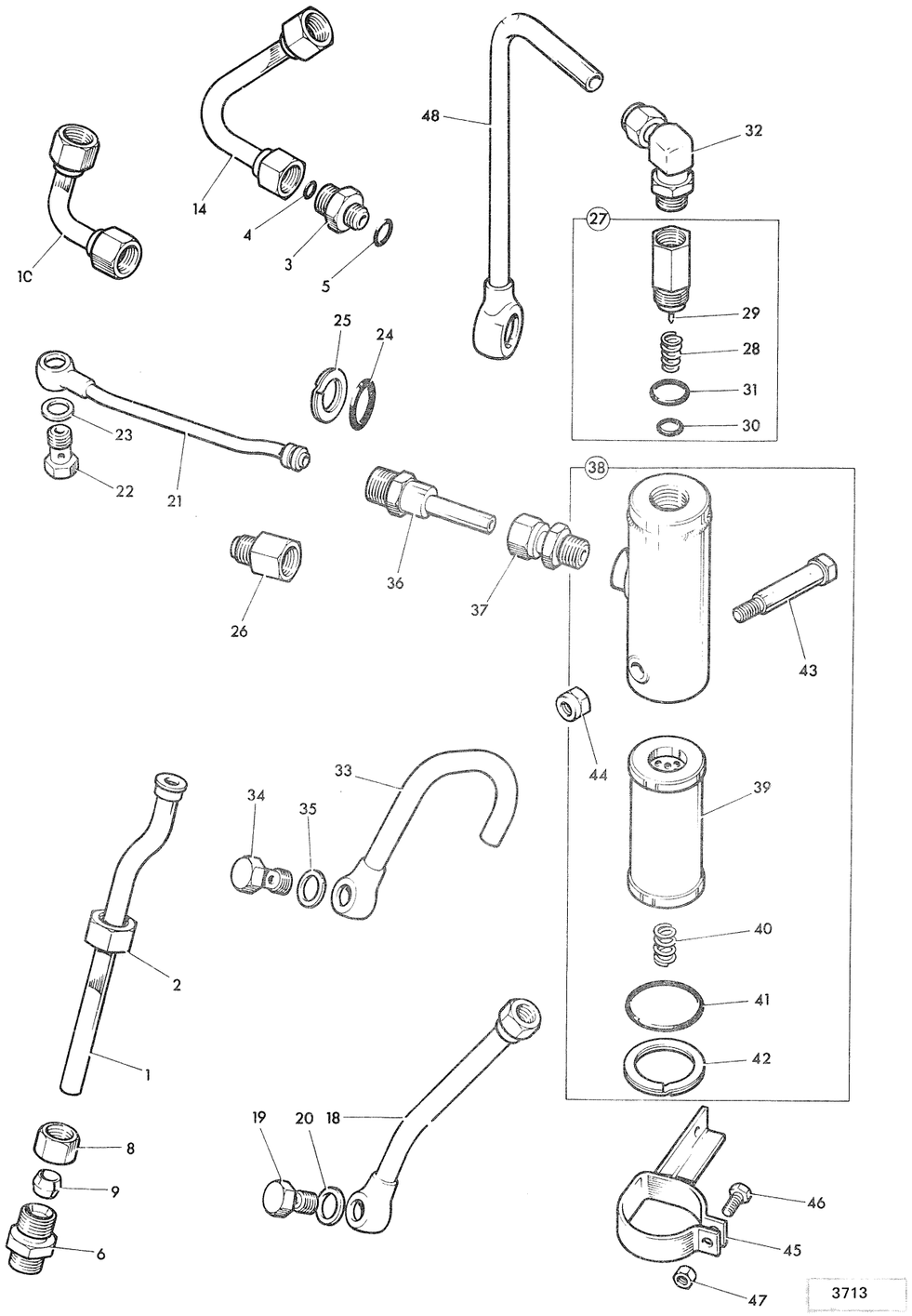
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
29	ATJ 3206	....	Pipe	Auxiliary-Hydraulic Cylinder	1
30	ATJ 6456	....	Pipe	Pump To Banjo	1
31	TNN 307	....	Nut	....	1
32	ATJ 6329	....	Washer	....	1
33	ATJ 6330	....	Adapter	Pipe to Pump	1
33A	ATJ 6531	....	Adapter	Pipe to Pump	1
34	TRS 0811	....	'O'Ring	....	1
35	ATJ 6532	....	Nut	....	1
36	ATJ 3212	....	Olive	....	1

MR 21–1 HYDRAULIC LIFT UNIT PIPEWORK

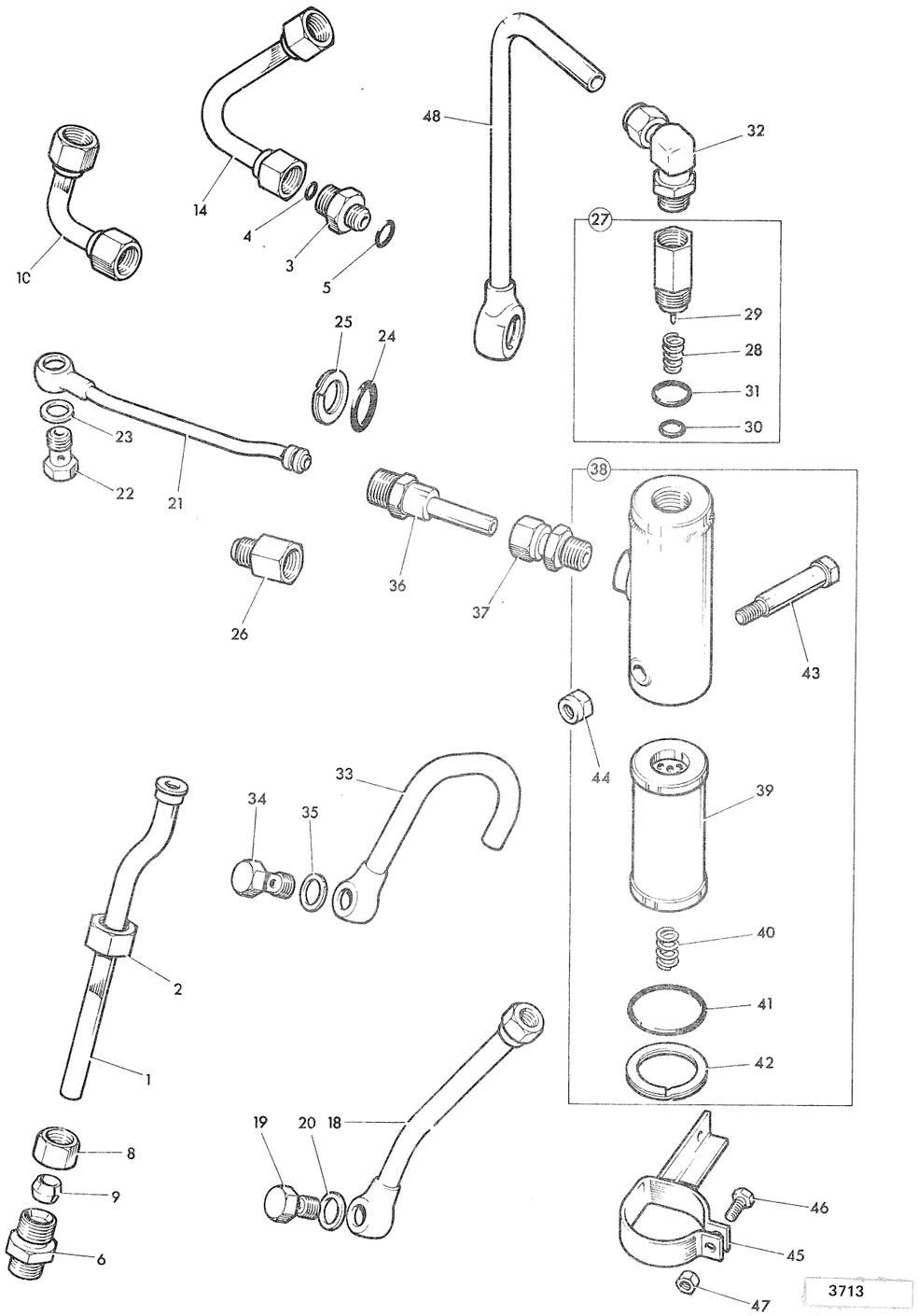
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6604	....	Pipe	....	1
2	ATJ 3203	....	Nut	....	1
3	ATJ 3205	....	Union	... .	5
4	ATJ 1072	....	'O'Ring	....	6
5	ATJ 2135	....	'O'Ring	....	5
6	ATJ 6603	....	Union	Pump Body-Front	1
8	ATJ 3211	....	Nut	Pump Body-Front	1
9	ATJ 3212	....	Olive	....	1
10	ATJ 3200	....	Pipe-Auxiliary	....	1
14	ATJ 3206	....	Pipe	Cylinder Auxiliary	1
18	ATJ 6598 ATJ 6936	To T155081	Pipe	Pump to Banjo	1
19	ATJ 6610	....	Banjo Bolt	....	1
20	ATJ 6609	....	Washer	....	1
21	CTJ 4453		Pipe	Hyd.Valve to Case Side Inner	1
22	BTJ 6354		Banjo Bolt	....	1
23	ATJ 6609	T181846 on	Washer	....	1
24	ATJ 6855		'O'Ring	....	1
25	CTJ 4347		Back-up Ring	....	1
26	CTJ 2176	To T187798	Adapter	....	1
27	CTJ 4460		Valve	....	1
28	37H 8272		:Spring	....	1
29	37H 8273		:Poppet	....	1
30	37H 8274	T181846 on	:'O'Ring	....	1
31	37H 8275		:'O'Ring	....	1
32	83H 598		Elbow	....	1
33	CTJ 2174	To T187798	Pipe	....	1
34	ATJ 6778		Bolt	....	1
35	ATJ 1094		Washer	....	2
36	CTJ 4456		Adapter	....	1
37	83H 652		Adapter	....	1
38	CTJ 4300		Filter Assembly	....	1
39	CTJ 4348		:Element	....	1
40	37H 8268		:Spring	....	1
41	37H 8695	T187799 on	:'O'Ring	....	1

MR 21–1 HYDRAULIC LIFT UNIT PIPEWORK

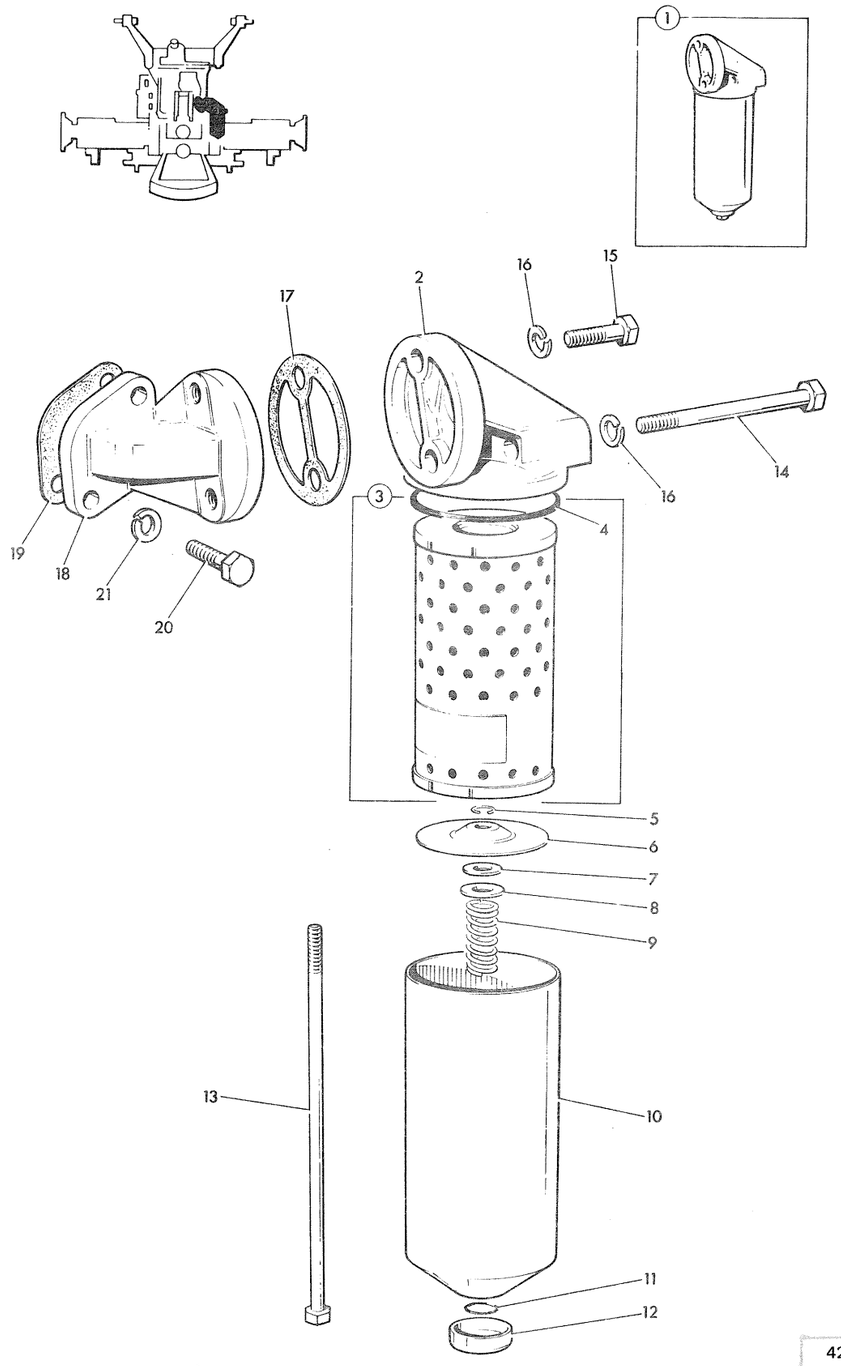
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
42	37H 8696	T187799 on	:Washer	....	1
43	37H 8270		:Bolt	....	1
44	37H 8271		:Nut	....	1
45	CTJ 4461		Clamp	....	1
46			Bolt	....	1
47			Nut	....	1
48	CTJ 4464		Pipe	....	1

MR 21–2 FILTER

110M **ISSUE** 3*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	N.S.P.	....	Filter	....	1
2	27H 6741	....	:Head	....	1
3	F8/24	....	:Element	....	1
4	02/300709	....	*::Seal	....	1
5	27H 2573	....	:Circlip	....	1
6	17H 1148	....	:Guide	....	1
7	7H 28	....	:Seal	....	1
8	1411/0003	....	:Washer	....	1
9	02/300705	....	*:Spring	....	1
10	02/300704	....	*:Container	....	1
11	02/300703	....	*:'O'Ring	....	1
12	02/300702	....	*:Collar	....	1
13	27H 6799	....	:Bolt	....	1
14	1305/3330	....	Bolt	....	1
15	1305/0306	....	Bolt	....	1
16	1416/0007	....	Washer	....	2
17	CMK 133 988/00106	Superseded	Gasket	... .	1
18	ATJ 6997	....	Bracket	....	1
19	ATJ 6998	....	Gasket	....	1
20	1305/0206	....	Bolt	....	2
21	1406/0006	....	Washer	... .	2

4287

ISSUE 2

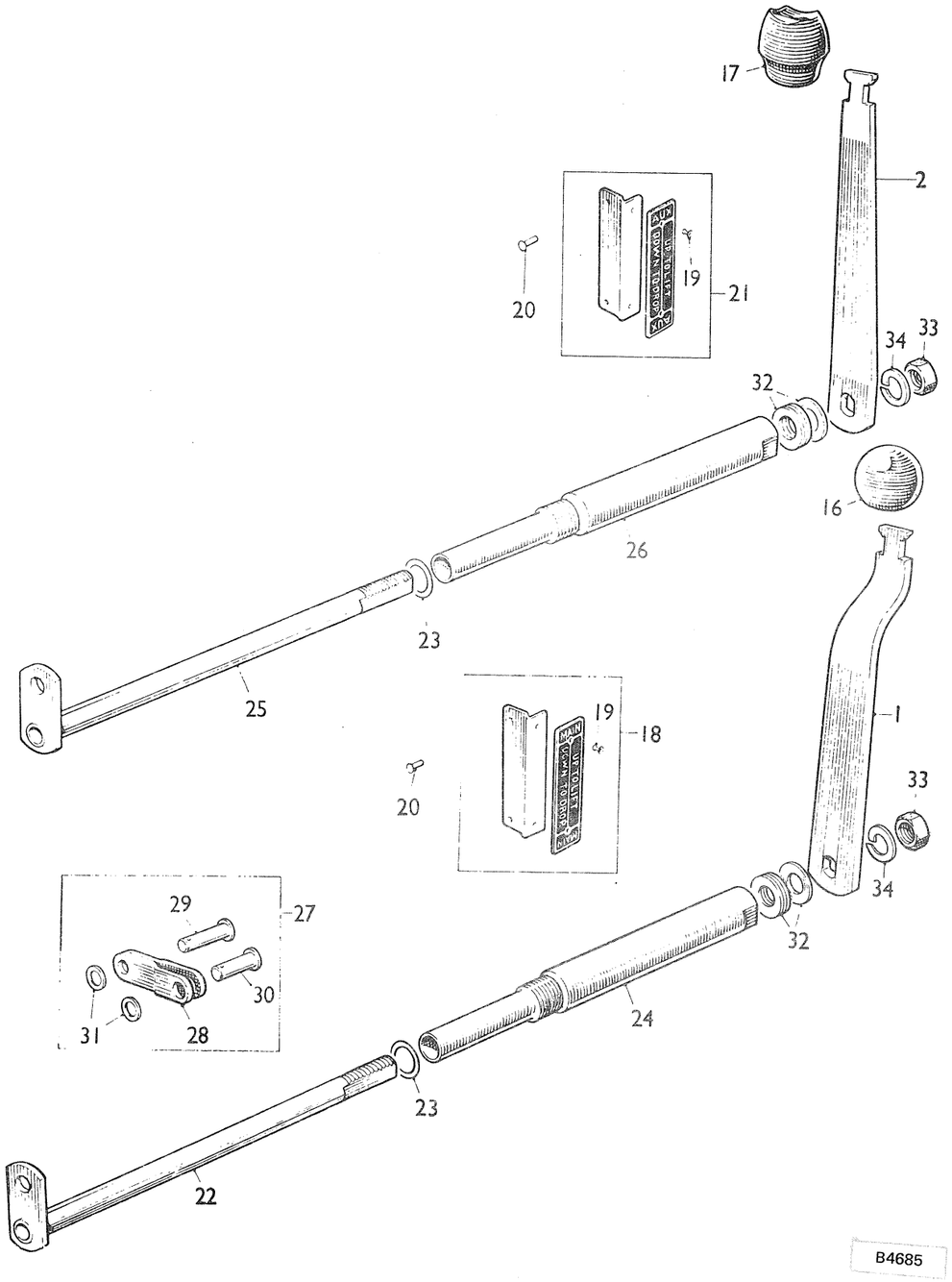
MR

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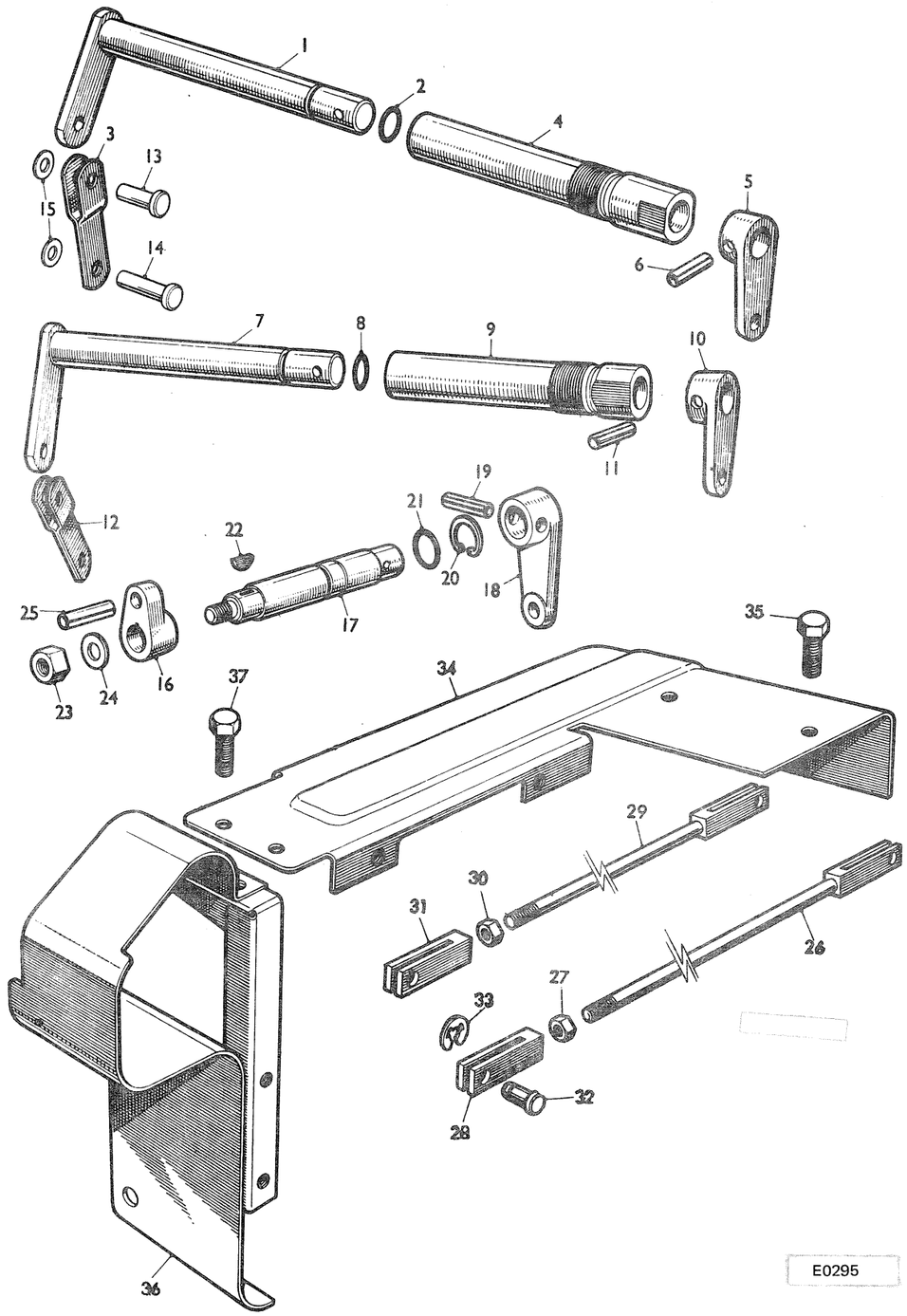
MR 22 HYDRAULIC HAND LEVERS

110M **ISSUE** 4



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1 2	ATJ 6021	....	Lever	....	2
16	NT 3733 ATJ5210	Superseded	*Knob	Power Lift Lever	1
17	NT 3734	....	Knob	Auxiliary Lift Lever	1
18	ATJ 6301	....	Instruction Plate	Power Lift Lever	1
19	DAP 2620	....	Rivet	....	2
20	TRP 924	....	Rivet	Plate to Hand Lever	2
21	ATJ 6302	....	Instruction Plate	Auxiliary Lift Lever	1
22	NT 5712	....	Power Lift Lever	....	1
23	NT 3771	....	Friction Disc	....	2
24	NT 4453	....	Bush	Power Lift Spindle	1
25	NT 5714	... .	Auxiliary Lift Lever	....	1
26	NT 4454	....	Bush	Auxiliary Lift Spindle	1
27	NT 6509	....	Link Assembly	....	2
28	NT 6417 ATJ 6770	Superseded	:Link	....	2
29	CLZ 416	....	:Clevis Pin-Long	....	2
30	CLZ 411	....	:Clevis Pin-Short	....	2
31	PWZ 104 1411/0001	Superseded	:Plain Washer	....	4
32	NT 3770	....	Washer	....	10
33	FNZ 109 ATJ 1081	Superseded	Nut	....	2
34	LWZ 209 1416/0009	Superseded	Spring Washer	....	2

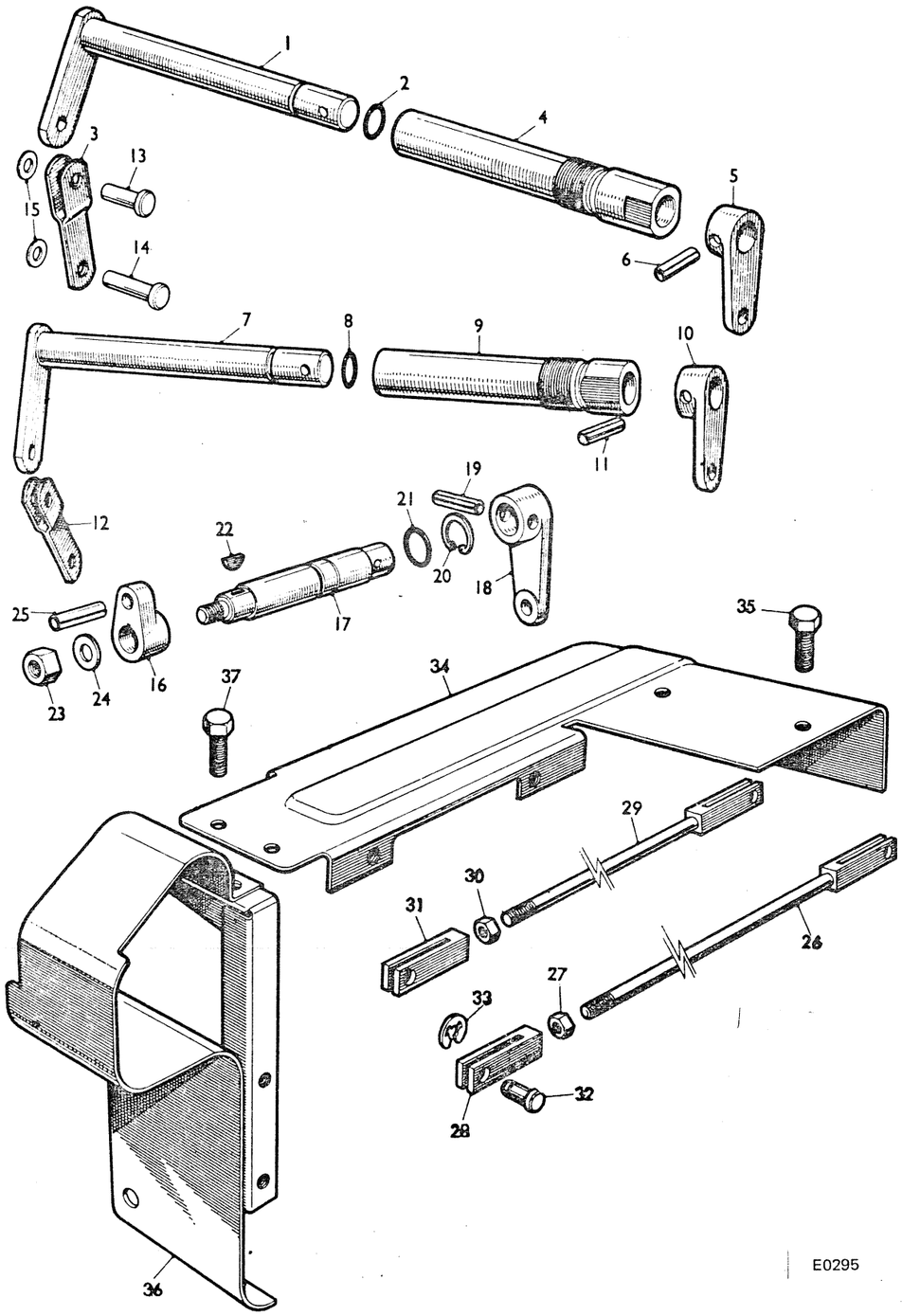
MR 22–1 CONTROL LINKAGE



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6694	....	Lever	Auxiliary	1
2	ATJ 2127	....	'O'Ring	....	1
3	NT 6417	....	Link	....	1
4	ATJ 6696	....	Bush	....	1
5	ATJ 6686	....	Lever	External	1
6	RPS 1241 2102/0611	Superseded	Roll Pin	....	1
7	ATJ 6722	....	Lever	Power Lift	1
8	ATJ 2127	....	'O'Ring	....	1
9	ATJ 6720	....	Bush	....	1
10	ATJ 6692	....	Lever	....	1
11	ATJ 2128 RPS 1214 2102/0611	Superseded Superseded	Roll Pin	....	1
12	NT 6417 ATJ 6770	Superseded	Link	....	1
13	CLZ 411	....	Clevis Pin	... .	2
14	CLZ 416	....	Clevis Pin	... .	2
15	PWZ 104 1411/0001	Superseded	Washer	....	4
16	ATJ 6683	....	Lever	Operating	1
17	ATJ 6685	....	Shaft	....	1
18	ATJ 6686	....	Lever	Draught Valve	1
19	RPS 1214 2102/0611	Superseded	Roll Pin	....	1
20	CCN 110	... .	Circlip	....	1
21	TRS 0710 ATJ 2135	Superseded	'O'Ring	....	1
22	WKN 304	....	Key	....	1
23	LNZ 605	....	Nut	....	1
24	PWZ 305	....	Washer	....	1
25	RPS 1620 2102/0215	Superseded	Roll Pin	....	1
26	ATJ 6673	... .	Control Rod	Main	2
27	FNZ 104 1340/0001	Superseded	Nut	....	2
28	ATJ 6676	....	Fork	....	2
29	ATJ 6724	....	Control Rod	....	1
30	FNZ 104 1340/0001	Superseded	Nut	....	1

MR 22–1 CONTROL LINKAGE

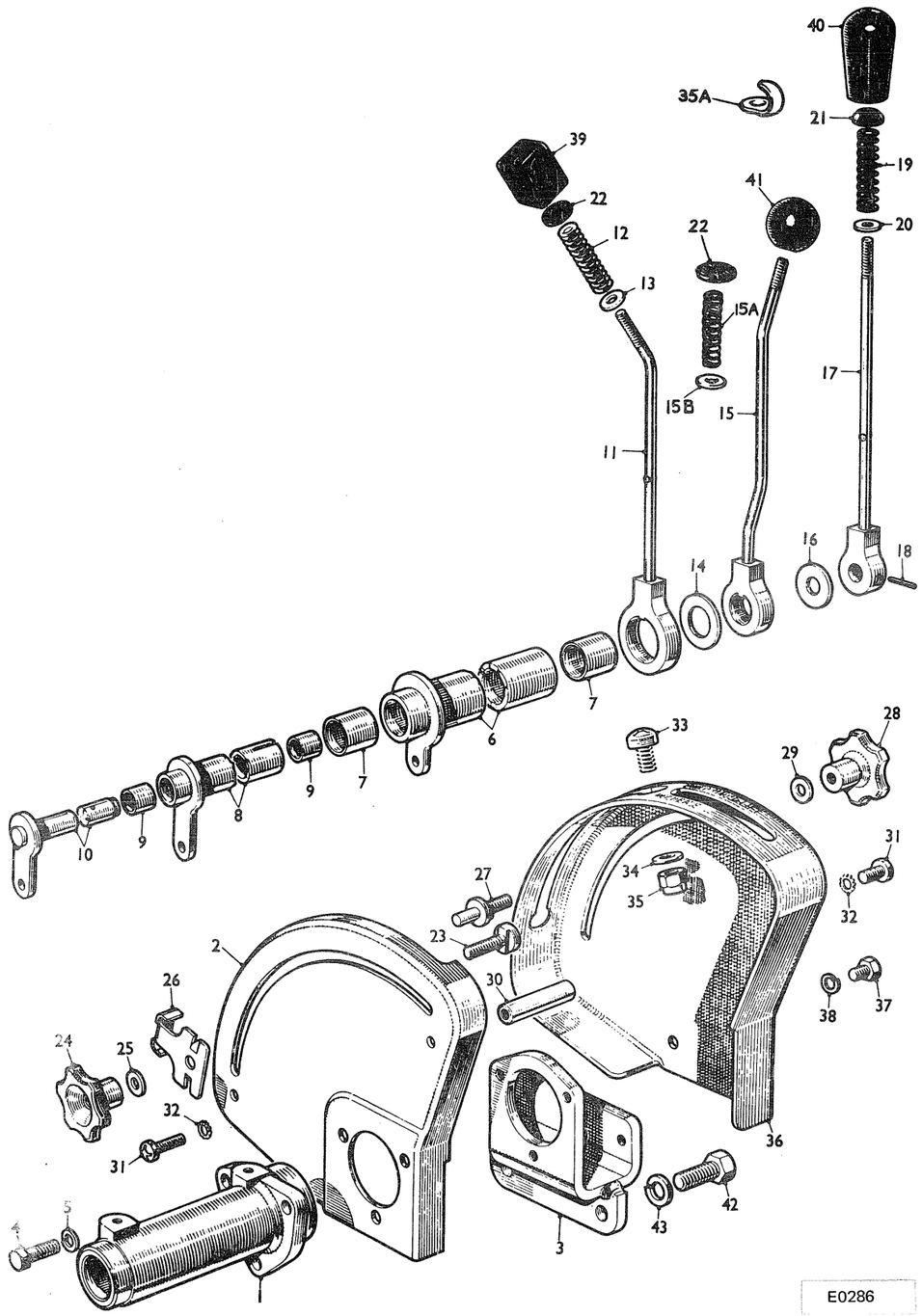
110M **ISSUE** 1



E0295

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	ATJ 6676	....	Fork	....	1
32	ATJ 6672	....	Clevis Pin	....	6
33	ATJ 6657	....	Retainer	....	6
34	ATJ 6659	... .	Guard	Quadrant	1
35	ZCS 0404	....	Bolt	....	2
36	ATJ 6662	....	Guard	Rear	1
37	HZS 0404 1305/0002	Superseded	Bolt	....	2

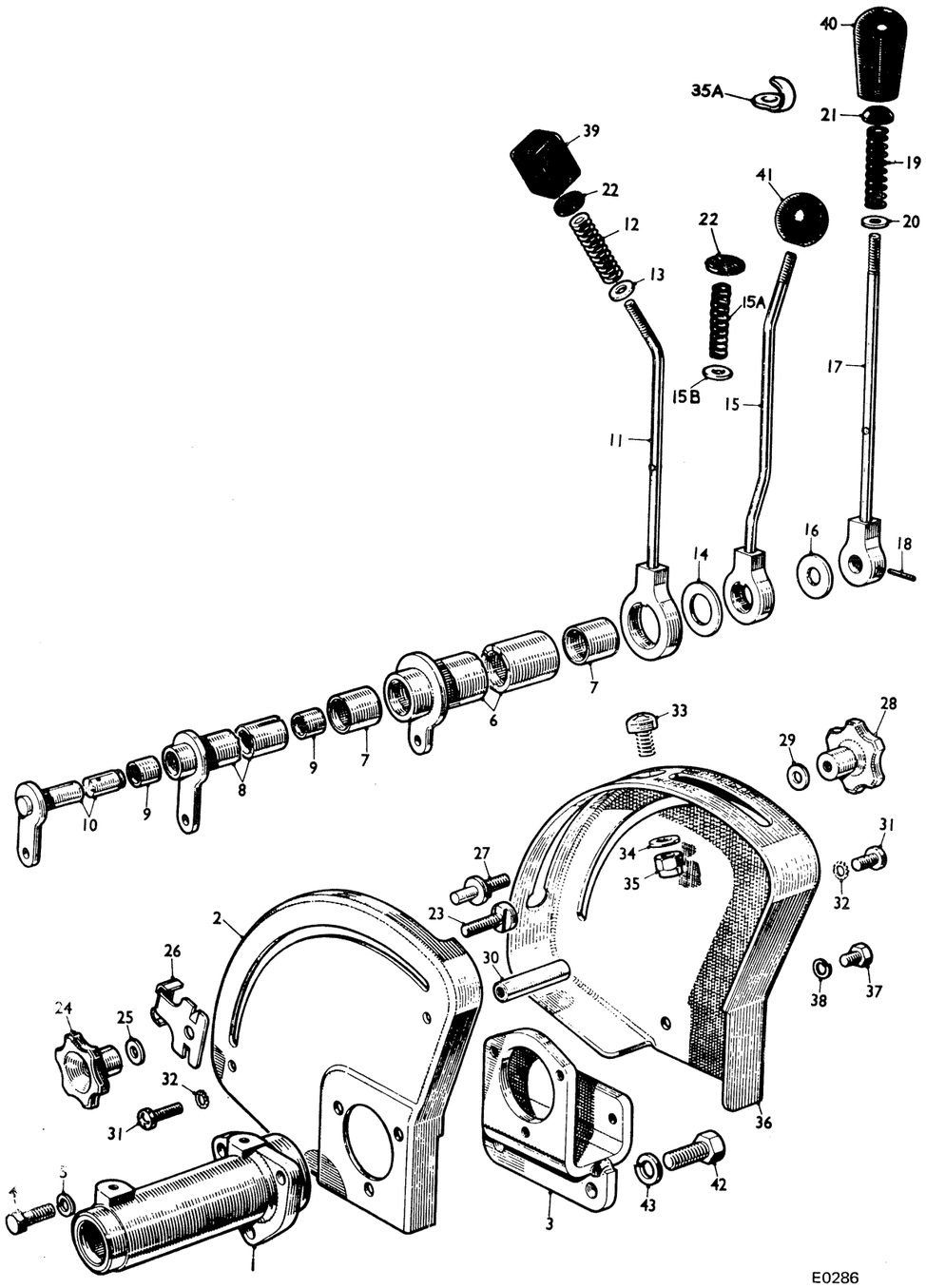
MR 22–2 HAND LEVERS



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6559	....	Housing	....	1
2	ATJ 6573	....	Quadrant Plate	Inner	1
3	ATJ 6589	....	Bracket	....	1
4	ATJ 6590	....	Bolt	....	3
5	LWZ 205 1416/0005	Superseded	Washer	....	3
6	ATJ 6560	....	Lever and Shaft	Draught	1
7	ATJ 6654	....	Bush	....	2
8	ATJ 6563	....	Lever and Shaft	Auxiliary	1
9	ATJ 6653	... .	Bush	....	1
10	ATJ 6566	....	Lever and Shaft	Main	1
11	ATJ 6577	....	Lever	Draught	1
12	ATJ 6749	....	Spring	....	1
13	PWZ 104 1411/0001	Superseded	Washer	....	1
14	ATJ 6588	....	Washer	....	1
15	ATJ 6580	... .	Lever	Auxiliary	1
15A	ATJ 6652	....	Spring	....	1
15B	PWZ 104 1411/0001	Superseded	Washer	....	1
16	ATJ 6587	....	Washer	....	1
17	ATJ 6584	....	Lever	Main	1
18	RPS 816 2102/0413	Superseded	Roll Pin	....	1
19	ATJ 6725	....	Spring	....	1
20	PWZ 104 1411/0001	Superseded	Washer	....	2
21	ATJ 6726	....	Detent	Main	1
22	ATJ 6656	....	Washer	Draught & Auxiliary	2
23	ATJ 6592	....	Screw	Stop	1
24	ATJ 6593	....	Nut	....	1
25	PWZ 104 1411/0001	Superseded	Washer	....	1
26	ATJ 6596	....	Indicator	....	1
27	ATJ 6595	....	Stop	Lever	1
28	ATJ 6593	....	Nut	....	1
29	PWZ 104 1411/0001	Superseded	Washer	....	1
30	ATJ 6594	....	Distance Piece	....	2

MR 22–2 HAND LEVERS

110M **ISSUE** 1

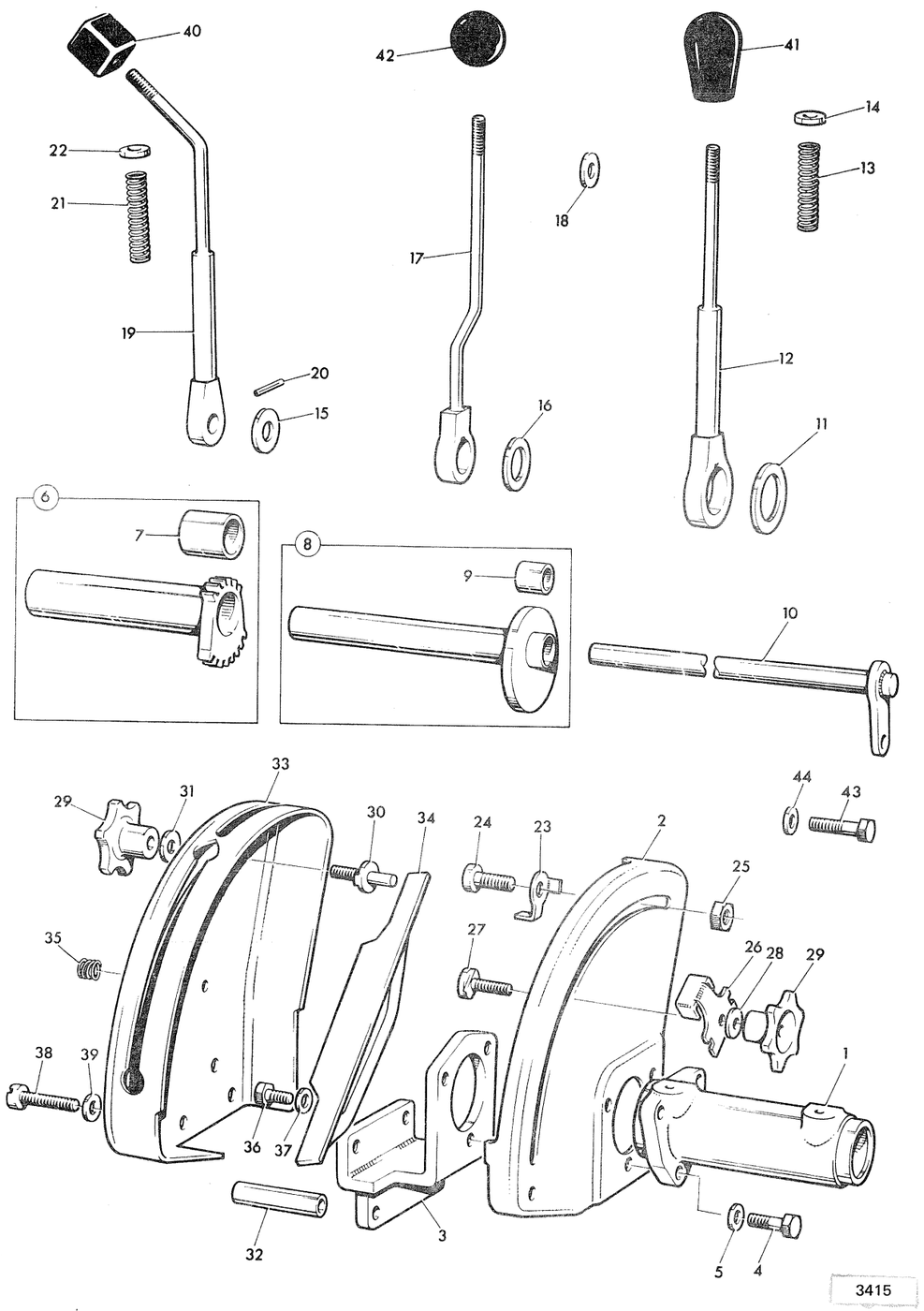


E0286

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	PMZ 412	....	Screw	....	4
32	LWZ 504	....	Lock Washer	....	4
33	PMZ 0610	To T102122	Screw	....	1
34	PWZ 106 1411/0003	Superseded To T102122	Washer	....	1
35	LNZ 506	To T102122	Nut	....	1
35A	ATJ 6762	....	Stop Washer	Fitted from Tractor 102123	1
36	ATJ 6583	....	Quadrant Plate	Outer	1
37	HZS 0504 1305/0102	Superseded	Bolt	....	2
38	LWZ 204 1416/0004	Superseded	Washer	....	2
39	ATJ 6571	....	Knob	Draught Lever	1
40	ATJ 6574	....	Knob	Main Lever	1
41	ATJ 6575	....	Knob	Auxiliary Lever	1
	53K 1721	....	Nut	Main Lever Knob	1
42	HZS 0608 1305/0206	Superseded	Bolt	Quadrant to Brake Housing	2
43	LWZ 206 1416/0006	Superseded	Washer	... .	2

MR 22–3 HAND LEVERS

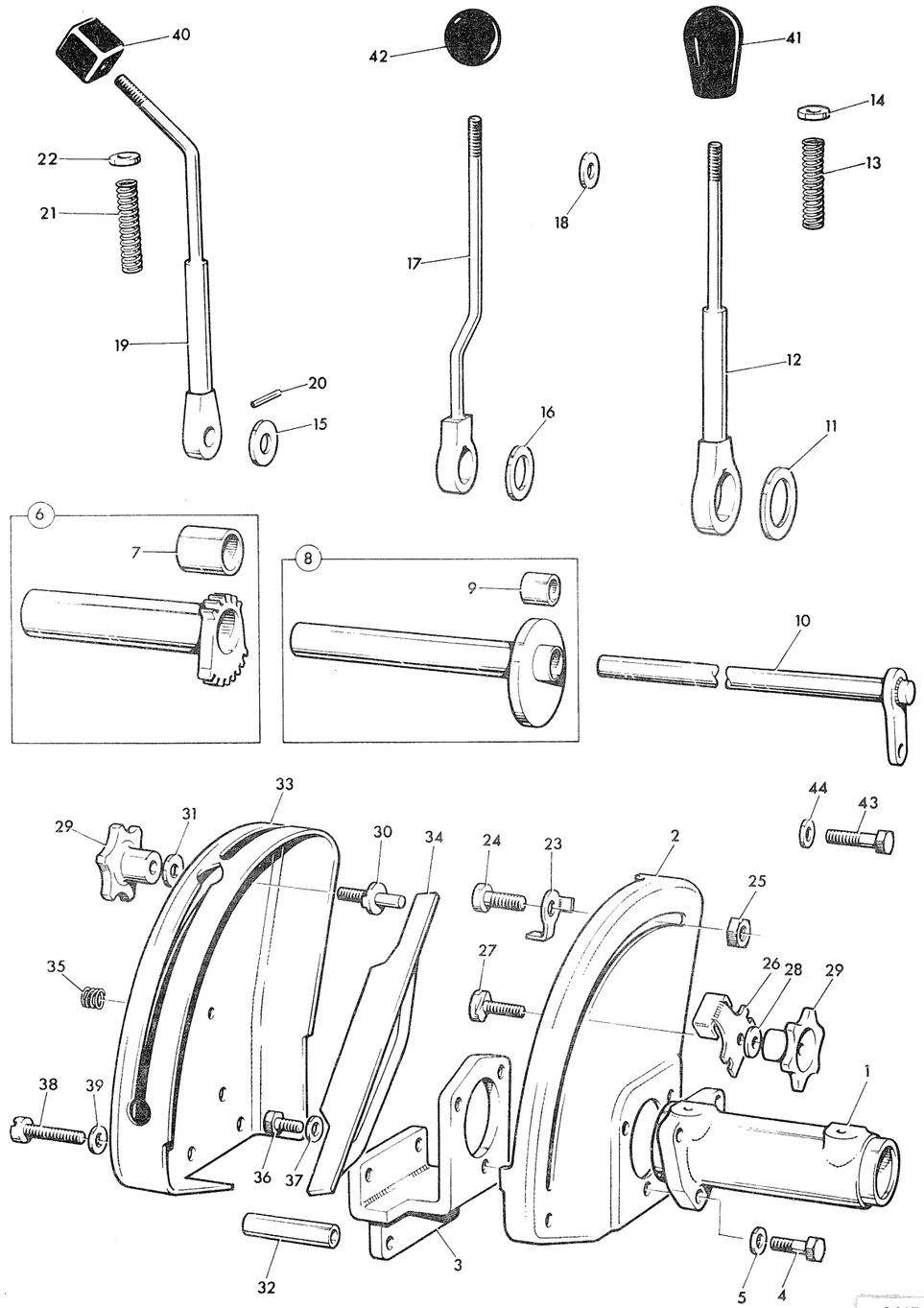
110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6970	....	Housing	....	1
2	ATJ 6573	....	Plate	....	1
3	ATJ 6589	....	Bracket	....	1
4	HZS 0506 1305/0104	Superseded	Bolt	....	3
5	LWZ 205 1416/0005	Superseded	Washer	....	3
6	ATJ 6971	....	Pinion & Tube	Draught	1
7	ATJ 6653	....	:Bush	....	2
8	ATJ 6974	... .	Cam & Tube	Control	1
9	ATJ 6654	....	:Bush	....	2
10	ATJ 6976	....	Lever	Auxiliary	1
11	ATJ 5326	....	Washer	....	1
12	ATJ 5320	....	Lever	....	1
13	ATJ 6652	....	Spring	....	1
14	ATJ 6656	....	Washer	....	1
15	ATJ 5324	....	Washer	....	1
16	ATJ 5325	....	Washer	....	1
17	ATJ 5457	....	Lever	... .	1
18	PWZ 104 1411/0001	Superseded	Washer	....	1
19	ATJ 5459	....	Lever	....	1
20	RPS 816 2102/0413	Superseded	Roll Pin	....	1
21	ATJ 6725	....	Spring	....	1
22	ATJ 6656	....	Washer	....	2
23	ATJ 6984	....	Stop	....	1
24	ATJ 6985	....	Screw	....	1
25	LNZ 206 GHF223	Superseded	Nut	....	1
26	ATJ 6596	....	Indicator	....	1
27	ATJ 6592	....	Screw	....	1
28	PWZ 104 1411/0001	Superseded	Washer	....	1
29	ATJ 6593	....	Hand Nut	....	2
30	ATJ 6595	....	Screw	....	1
31	PWZ 104 1411/0001	Superseded	Washer	....	1
32	ATJ 6594	....	Distance Piece	....	2
33	ATJ 6983	....	Plate	....	1

MR 22–3 HAND LEVERS

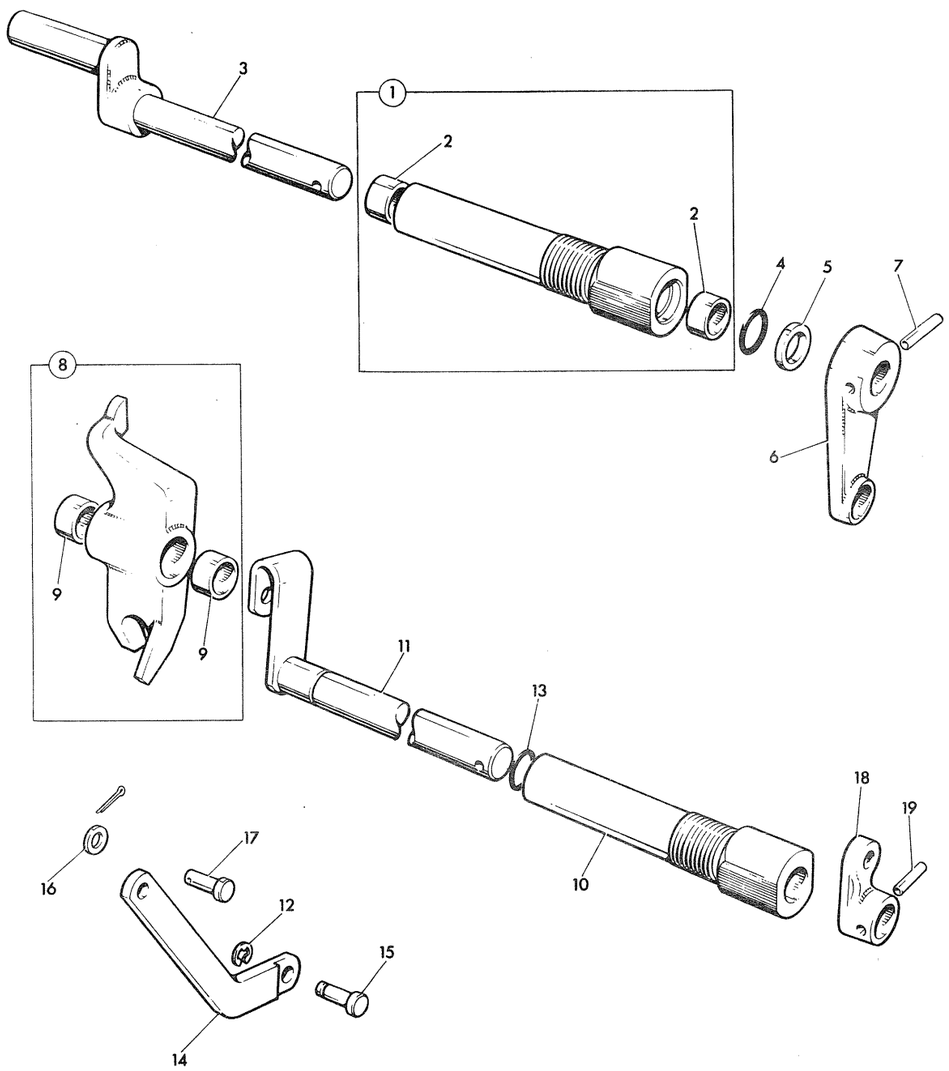
110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
34	ATJ 5455	....	Quadrant	....	1
35	ATJ 5456	....	Spring	....	2
36	HZS 0504 1305/0102	Superseded	Bolt	....	2
37	LWZ 204 1416/0014	Superseded	Washer	....	2
38	PMZ 0412	....	Screw	....	4
39	LWZ 504	... .	Washer	....	4
40	ATJ 6571	....	Knob	Control	1
41	ATJ 6574	....	Knob	Draught	1
42	ATJ 6575	....	Knob	Auxiliary	1
43	HZS 0608 1305/0206	Superseded	Bolt	....	2
44	LWZ 206 1416/0006	Superseded	Washer	....	2

MR 22–4 CONTROL LINKAGE

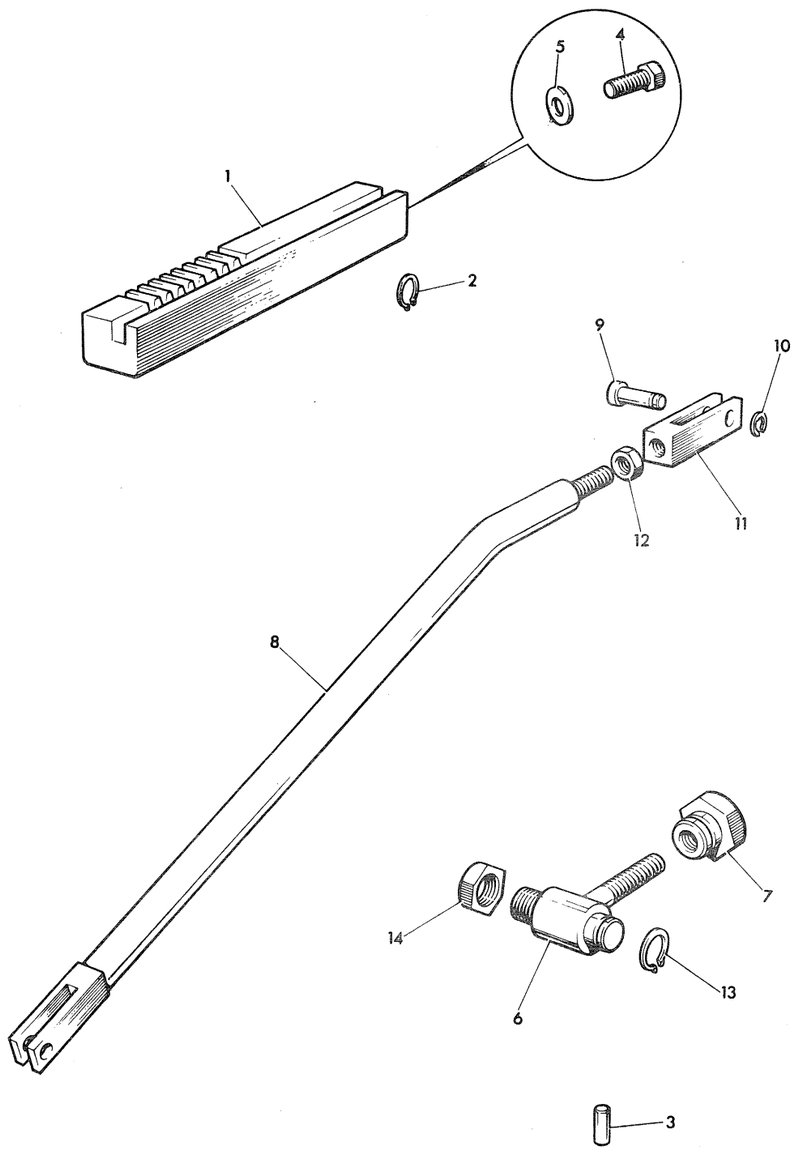
110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6925	....	Housing	....	1
2	LBS 812	....	:Bush	....	2
3	ATJ 6927	....	Spindle	....	1
4	ATJ 6855	....	'O'Ring	....	1
5	ATJ 6931	....	Distance Piece	....	1
6	ATJ 6932	....	Lever	....	1
7	RPS 1216	....	Roll Pin	....	1
8	ATJ 6933	....	Lever	....	1
9	LBS 808	....	:Bush	....	2
10	ATJ 6826	....	Housing	....	1
11	ATJ 6827	....	Spindle	... .	1
12	ATJ 6657	....	Circlip	....	1
13	ATJ 6821	....	'O'Ring	....	1
14	ATJ 6831	....	Link	....	1
15	CLZ 415	....	Clevis Pin	....	1
16	PWN 104 1411/0001	Superseded	Washer	....	1
17	ATJ 6935	....	Clevis Pin	....	1
18	ATJ 6832	... .	Lever	....	1
19	RPS 1212	....	Roll Pin	....	1

MR 22–5 CONTRACK RACK

110M **ISSUE** 2

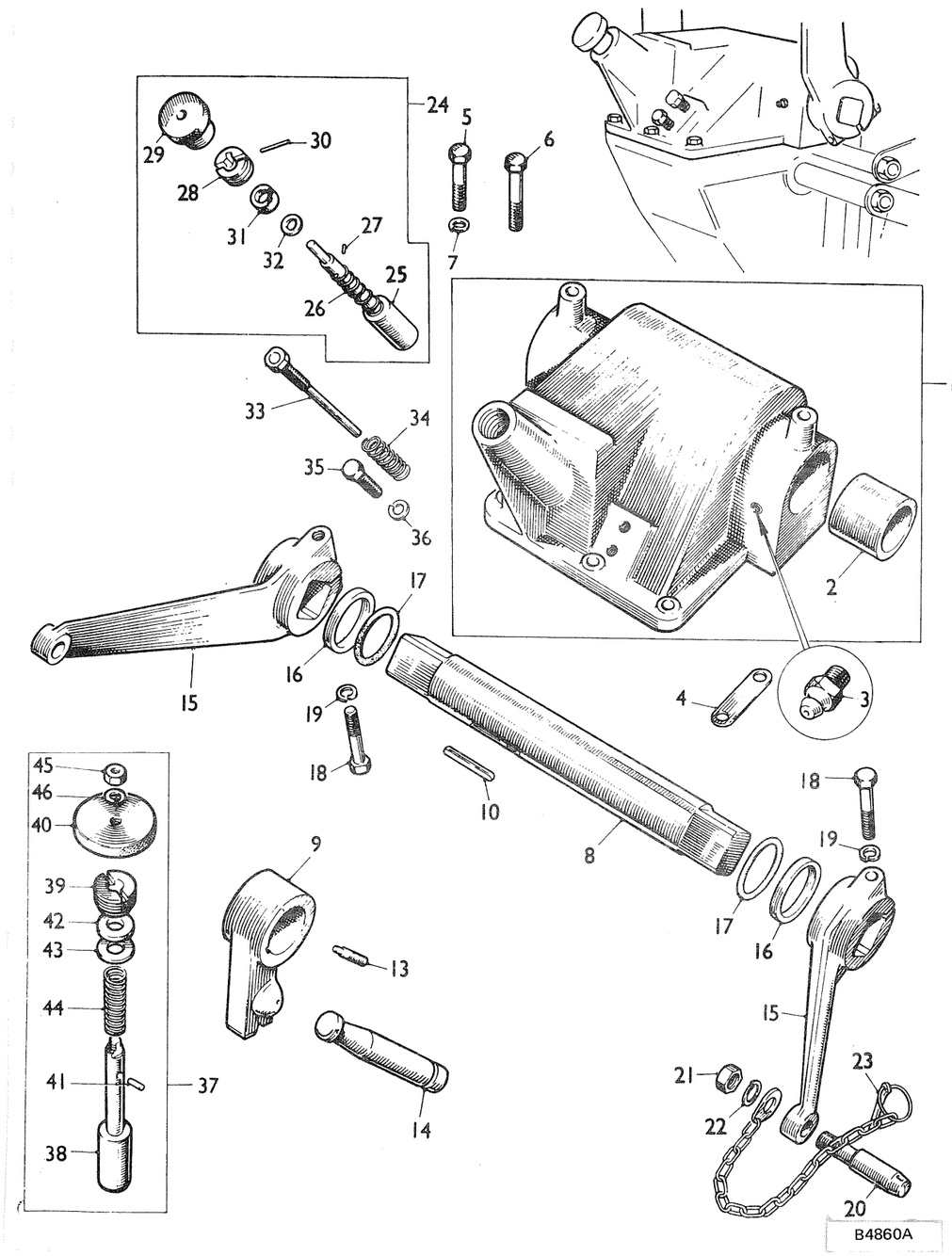


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6989	....	Rack	....	2
2	CCN 110	....	Circlip	....	1
3	ATJ 6990	....	Locating Pin	....	2
4	ZCS 0404 1305/1502	Superseded	Screw	....	4
5	LWZ 204 1416/0004	Superseded	Washer	....	4
6	ATJ 6992	....	Screw	....	1
7	ATJ 6993	....	Nut	....	1
8	ATJ 6994	....	Rod	....	1
9	ATJ 6672	....	Clevis Pin	....	2
10	ATJ 6657	... .	Circlip	....	2
11	ATJ 6676	....	Clevis	....	1
12	FNZ 104 1340/0001	Superseded	Nut	....	1
13	CCN 108	....	Circlip	....	1
14	LNZ 208	....	Nut	....	1

3423

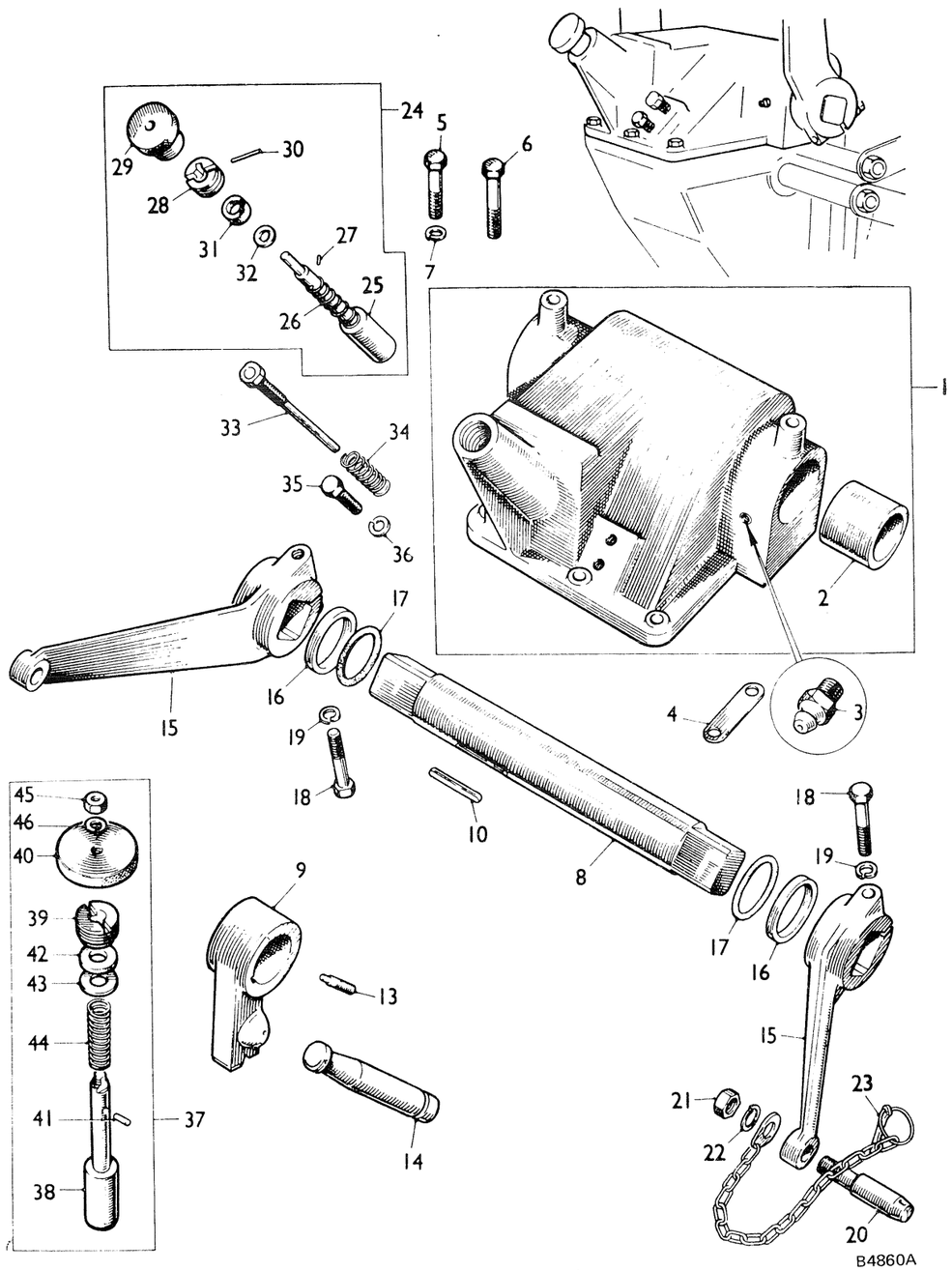
MR 23 CROSS-SHAFT HOUSING FIG. 1

110M **ISSUE** 5*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 5943	....	Cross-Shaft Housing	....	1
2	NT 3334	....	Bush	....	2
3	1450/0004	....	*Grease Nipple	....	2
4	N.S.P.	....	Bracket	Was NT 4119	1
5	HBN 0712 1305/3310	Superseded	Bolt	....	6
6	HBN 0718 1305/3316	Superseded	Bolt	....	2
7	LWN 207 1416/0007	Superseded	Washer	....	8
8	NT 3333	....	Cross-Shaft	... .	1
9	ATJ 6124 ATJ 9529	Superseded	Lever	....	1
10	NT 3517	....	Key	....	1
13	ATJ 6146	....	Screw	....	1
14	NT 8175 ATJ 6373	Superseded	Connecting Rod	....	1
15	NT 5721 ATJ 9545	Superseded	Lift Arm	....	2
16	ATJ 6054	....	Seal	....	2
17	NT 3519	....	Seal	....	2
18	HBN 0928	....	Bolt	....	2
19	LWN 209 1416/0009	Superseded	Washer	....	2
20	NT 5722	....	Swivel Pin	....	2
21	FNN 110 1340/0601	Superseded	Nut	... .	2
22	LWN 210 1416/0010	Superseded	Washer	....	2
23	NT 3691	....	Pin	....	2
24	NT 8044 See Item 37	Superseded	LOCKING PLUNGER	....	1
25	NT 3524 ATJ 9498	Superseded	:Plunger	....	1
26	NT 3529 ATJ 3237	Superseded	:Spring	....	1
27	NT 3528	....	:Retaining Pin	....	1
28	NT 3525	....	:Plug	....	1
29	NT 3526	....	:Knob	....	1
30	NT 3527	....	:Pin	....	1

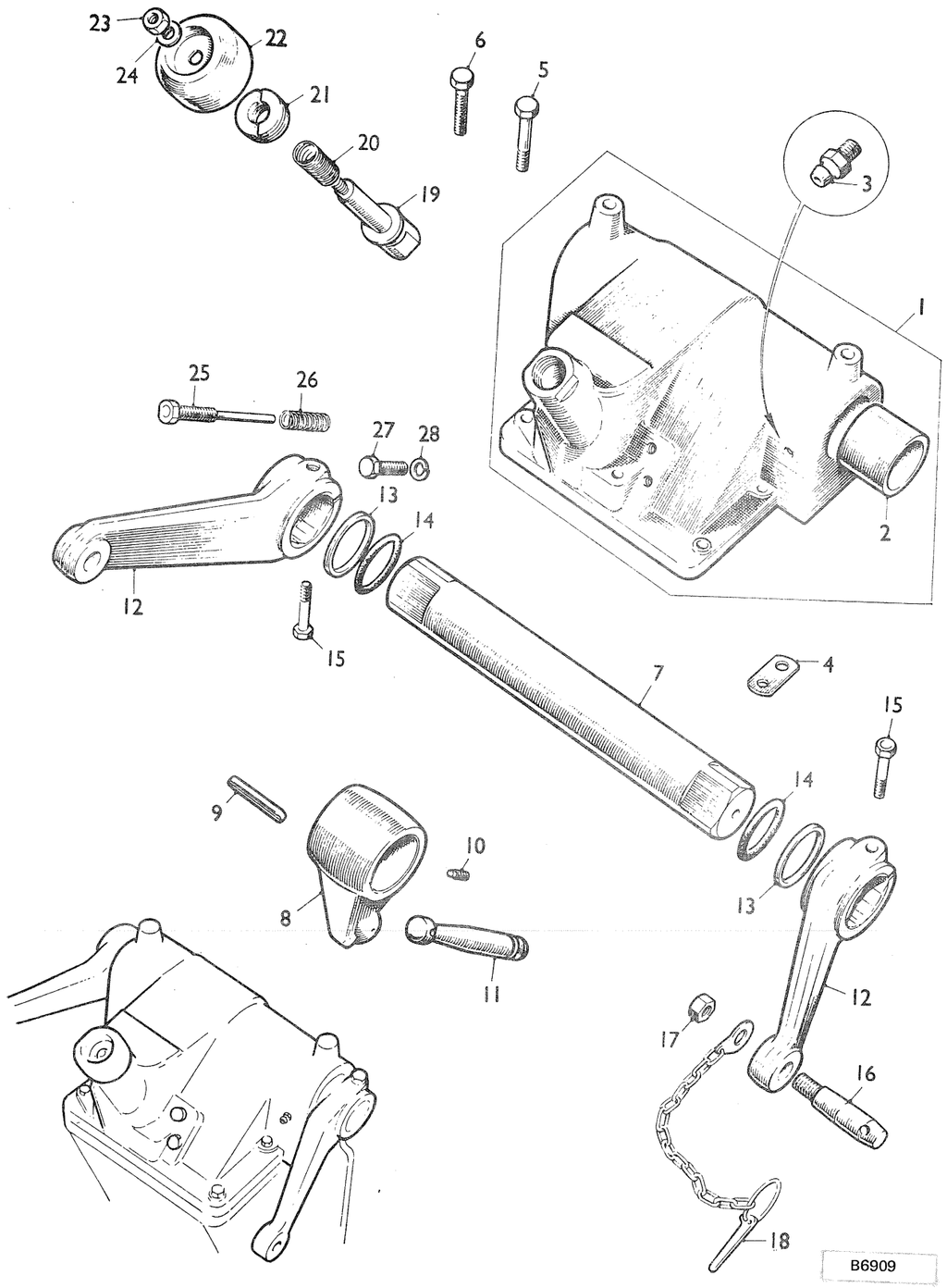
MR 23 CROSS-SHAFT HOUSING FIG. 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	ATJ 6000	....	:Seal	....	1
32	17H 1448	....	:Washer	....	1
33	NT 5723	....	Screw	....	1
34	NT 3523	....	Spring	....	1
35	HNS 0605 1305/0203	Superseded	Screw	....	1
36	LWN 206 1416/0006	Superseded	Washer	....	1
37	ATJ 9497	....	LOCKING PLUNGER	....	1
38	ATJ 9498	....	:Plunger	....	1
39	NT 3525	....	:Plug	....	1
40	ATJ 9499	....	:Cap	....	1
41	NT 3528	....	:Pin	....	1
42	ATJ 6000	....	:Seal	....	1
43	17H 1448	....	:Washer	....	1
44	NT 3529	....	:Spring	....	1
45	FNZ 504 1340/0001	Superseded	:Nut	....	1
46	LWZ 204 1416/0004	Superseded	:Washer	....	1

MR 24 CROSS SHAFT HOUSING FIG. 2
FROM (HV) 200 OV—H-HP2-12202——AND 2500V-HP2-14000

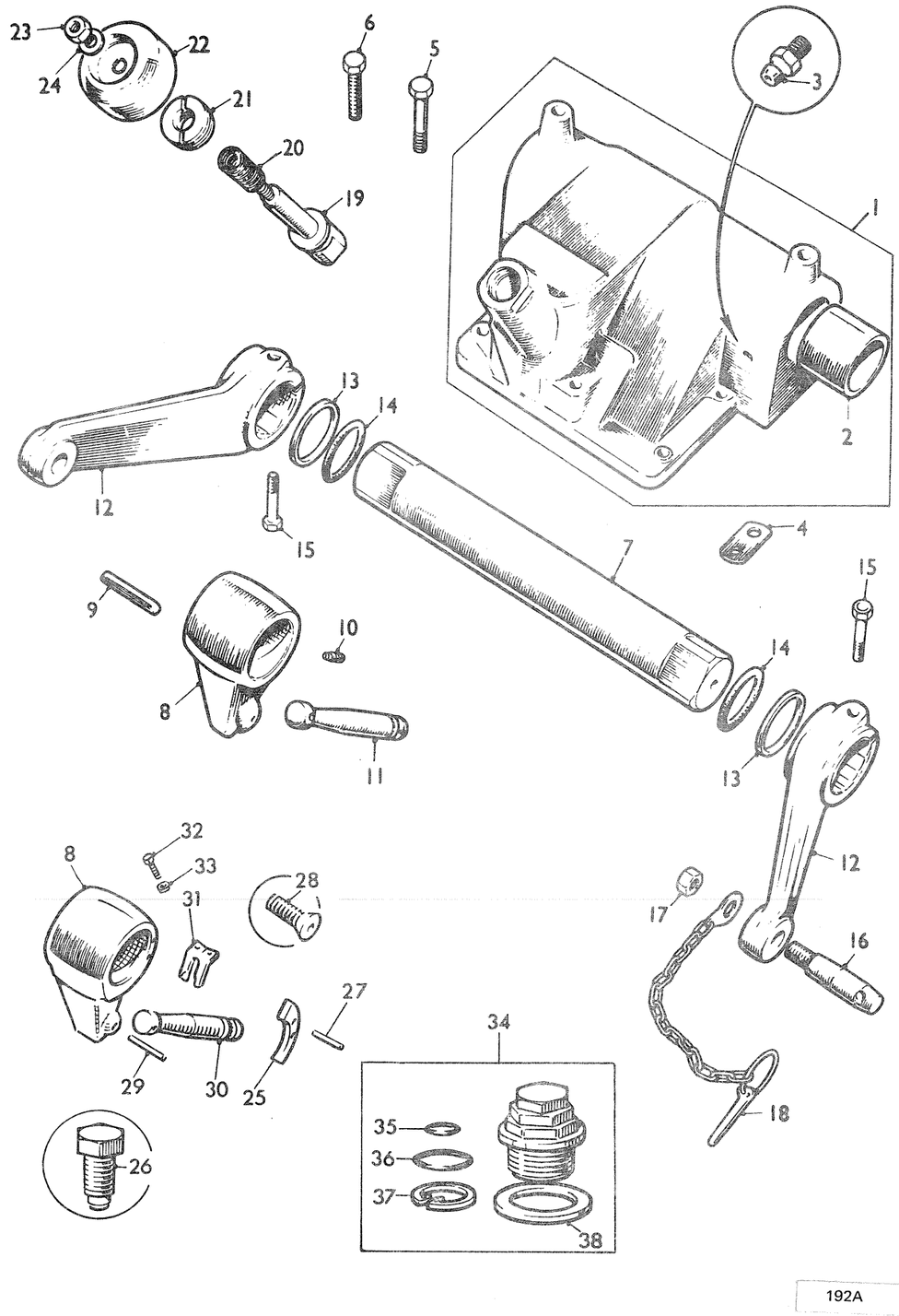
ISSUE 4



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6403	....	Housing	....	1
2	ATJ 6402	....	Bush	....	2
3	UHN 105	....	Grease Nipple	....	2
4	ATJ 6421	....	Bracket	....	1
5	HBN 0818 1305/3416	Superseded	Bolt	....	4
6	HZS 812	....	Bolt	....	4
7	ATJ 6370	....	Cross-Shaft	....	1
8	ATJ 6372	....	Lever	....	1
9	ATK 6398	....	Key	....	1
10	ATJ 6397	....	Screw	....	1
11	ATJ 6373 ATJ 3243 ATJ5255	Superseded Superseded	Connecting Rod	From(HU) 25054 Use ATJ 3243 with ATJ 6556	1
12	ATJ 6375 ATJ 3266	Superseded	Lift Arm	Use ATJ 3266 with ATJ 3267	2
13	ATJ 6399	....	Seal	....	2
14	ATJ 6396	....	Seal	....	2
15	ATJ 6395	....	Bolt	Lift Arm to Cross Shaft	2
16	ATJ 6376 ATJ 3267	Superseded	Swivel Pin	Use ATJ 3267 with ATJ 3266	2
17	FNN 112 1340/0701	Superseded	Nut	....	2
18	NT 3691	....	Pin	....	2
19	ATJ 6401	....	Plunger	....	1
20	ATJ 3237	... .	Spring	....	1
21	ATJ 6390	....	Plug	....	1
22	ATJ 6405	....	Cap	....	1
23	FNZ 104 1340/0001	Superseded	Nut	....	1
24	LWZ 604	....	Washer	....	1
25	NT 5723	....	Screw	Adjusting	1
26	NT 3523	... .	Spring	....	1
27	HNS 0605 1305/0203	Superseded	Screw	....	1
28	LWN 206 1416/0006	Superseded	Washer	....	1

MR 24–1 CROSS SHAFT HOUSING

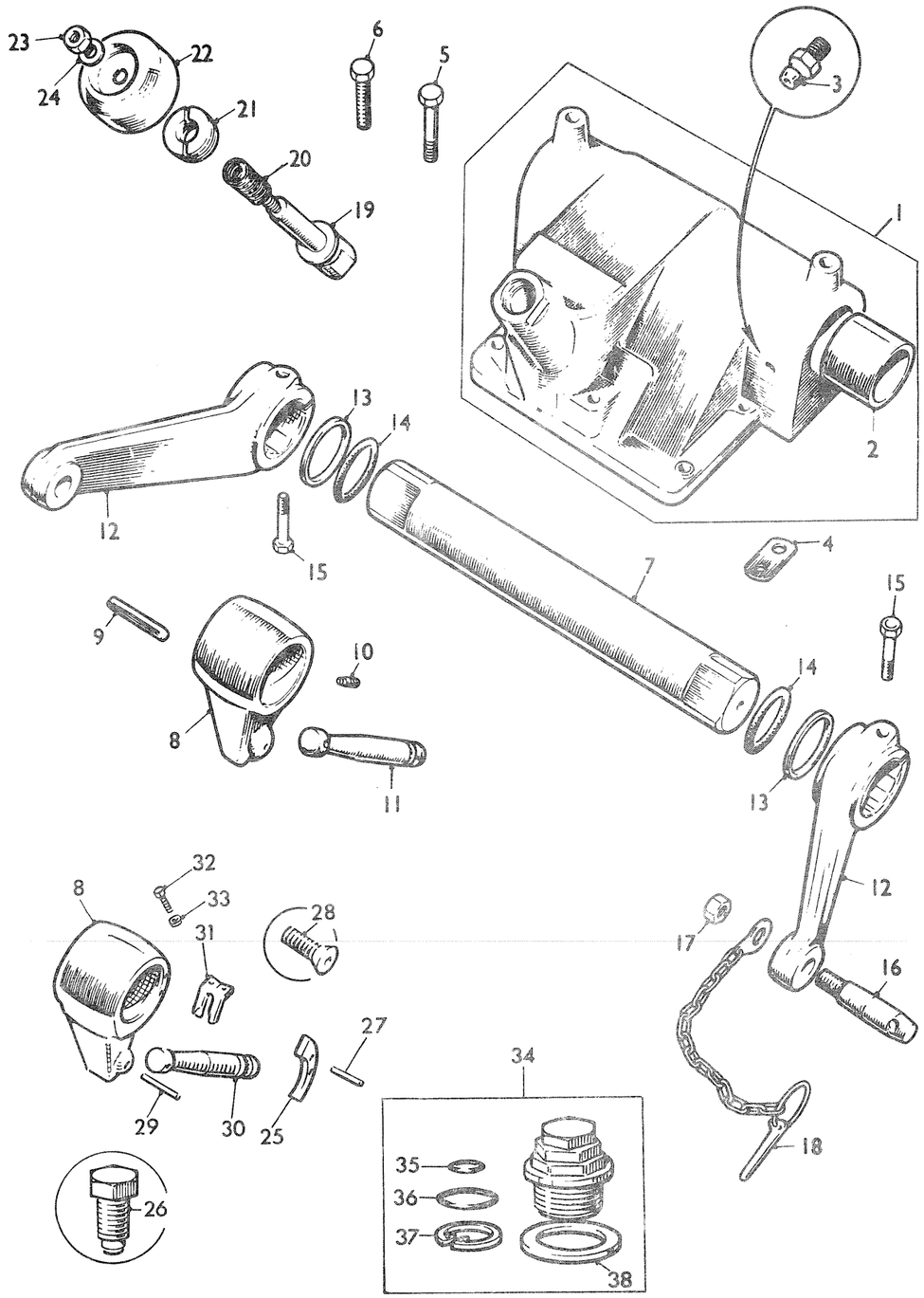
110M **ISSUE** 4*



192A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6617 ATJ 6956	To T155081	Housing	....	1
2	ATJ 6402 ATJ 6957	Superseded	:Bush	....	2
3	1450/0004	....	*Grease Nipple	....	2
4	ATJ 6421	....	Bracket	....	1
5	ATJ 6718	....	Bolt	....	4
6	ATJ 6719	....	Bolt	....	4
7	ATJ 6370 ATJ 6761 ATJ 6959	To T105009 To T155081	Cross-Shaft	....	1
8	ATJ 6614 ATJ 6791 ATJ 5254	Superseded Superseded	Lever	....	1
9	ATJ 6398	....	Key	....	1
10	ATJ 6397	....	Screw	....	1
11	ATJ 3243 See item 30	Superseded	Connecting Rod	....	1
12	ATJ 3266	....	Lift Arm	....	2
13	ATJ 6399	....	Seal	... .	2
14	ATJ 6396	....	Seal	....	2
15	ATJ 6395	....	Bolt	....	2
16	ATJ 3267	....	Swivel Pin	....	2
17	FNZ 112 1340/0701	Superseded	Nut	....	2
18	NT 3691	....	Pin and Chain	....	2
19	ATJ 6401	....	Plunger	....	1
20	ATJ 3237	....	Spring	....	1
21	ATJ 6390	....	Plug	....	1
22	ATJ 6405	... .	Cap	....	1
23	FNZ 104 1340/0001	Superseded	Nut	....	1
24	LWZ 604	....	Washer	....	1
25	ATJ 6859	....	Cam	....	1
26	ATJ 6958	....	Screw	....	1
27	RPS 1612	....	Roll Pin	....	1
28	ATJ 2154	....	Screw	....	1
29	ATJ 6886	....	Roll Pin	....	1
30	ATJ 5255	T155082 on	Connecting Rod	....	1

MR 24–1 CROSS SHAFT HOUSING

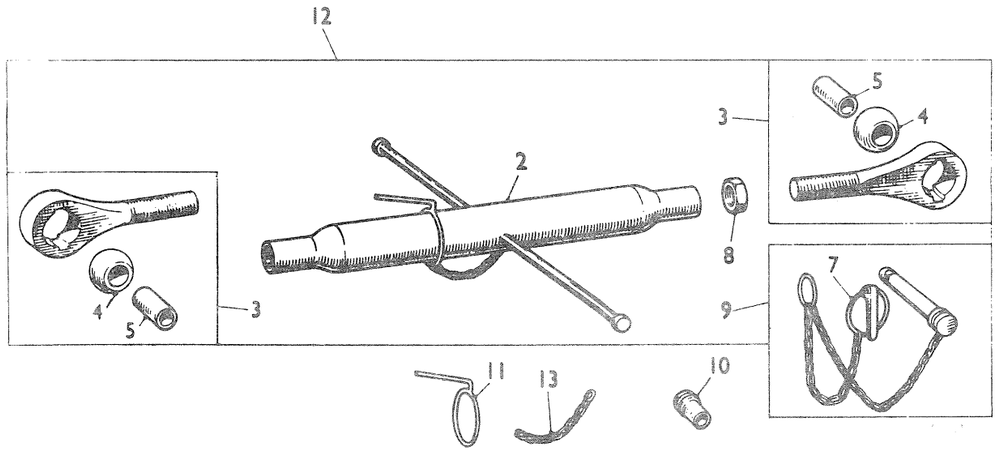


192A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
31	ATJ 5256	....	Retainer	....	
32	PMZ 410	....	Screw	....	2
33	LWZ 204 1416/0004	Superseded	Washer	....	2
34	ATJ 6964	....	Plug	....	1
35	ATJ 6967	....	:'O'Ring	....	1
36	ATJ 1072	... .	:'O'Ring	....	1
37	ATJ 9132	....	:Circlip	....	1
38	ATJ 1030	....	:Washer	....	1

MR 25–1 UPPER LINK

110M **ISSUE** 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
2	ATJ 6178	....	Centre Tube	....	1
3	ATJ 6177 ATJ 6490	Superseded	Rod Assy.-Link-R.H.	....	1
	ATJ 6174 ATJ 6491	Superseded	Rod Assy.-Link-L.H.	....	1
4	NT 4641 ATJ 6492	Superseded	:Ball Joint	....	1
5	NT 8363	....	:Sleeve-R.H.	....	1
	NT 4642	....	:Sleeve-L.H.	....	1
7	NT 3721	....	Pin and Chain	....	1
8	NT 5752	... .	Locknut	....	1
9	NT 8379	....	Pin Assembly	....	1
10	NT 8365	....	Bush-Link Pin	....	1
11	NT 4118	....	Wire Clip	....	1
12	ATJ 6183 ATJ 6493	Superseded	Link Assembly	Comprises items 3,4, 5,7 to 9	1
13	ATJ 6181	....	Retaining Chain	....	1

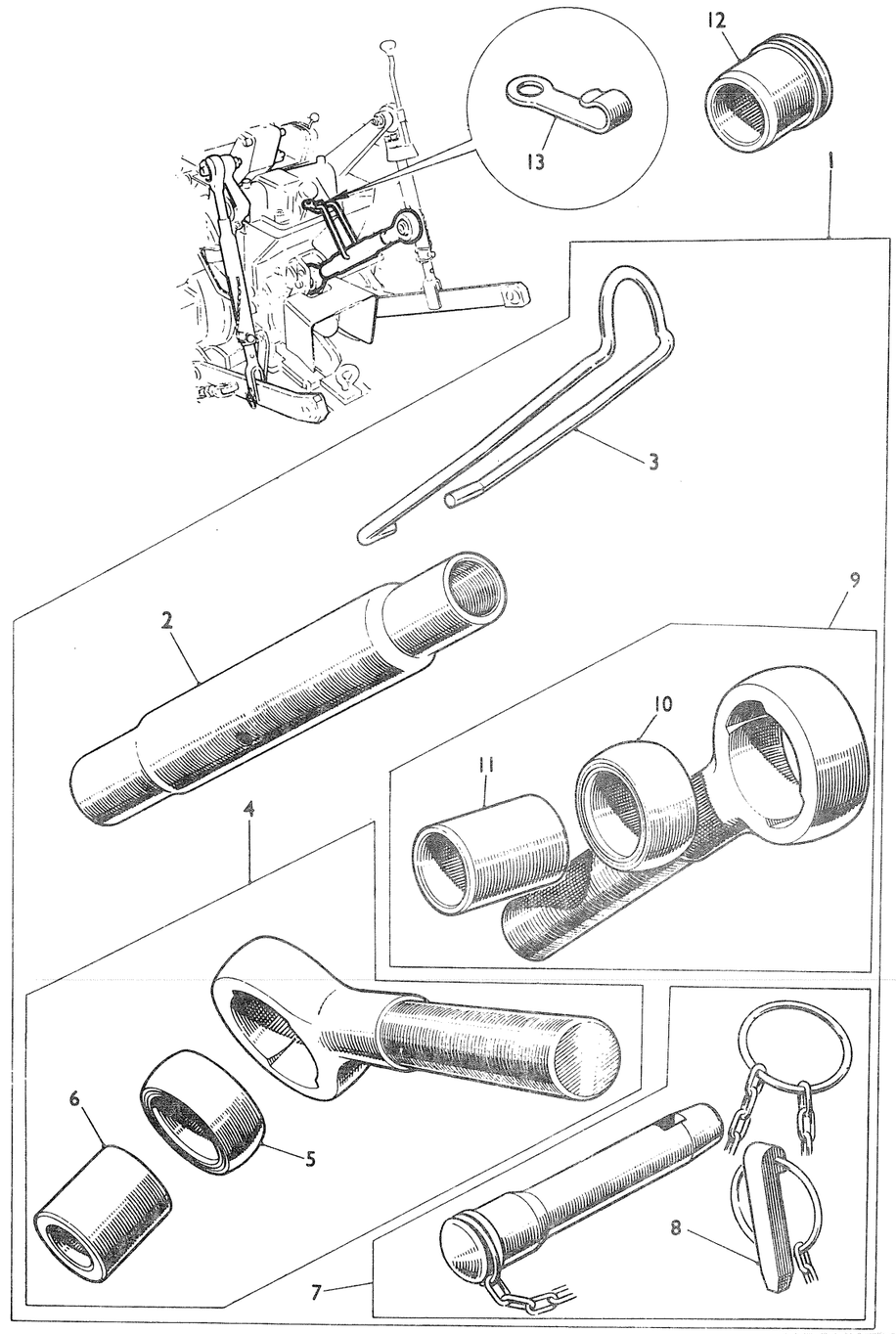
ISSUE 1

MR

Page MR 25 -2 to MR 29

MR 25–2 UPPER LINK

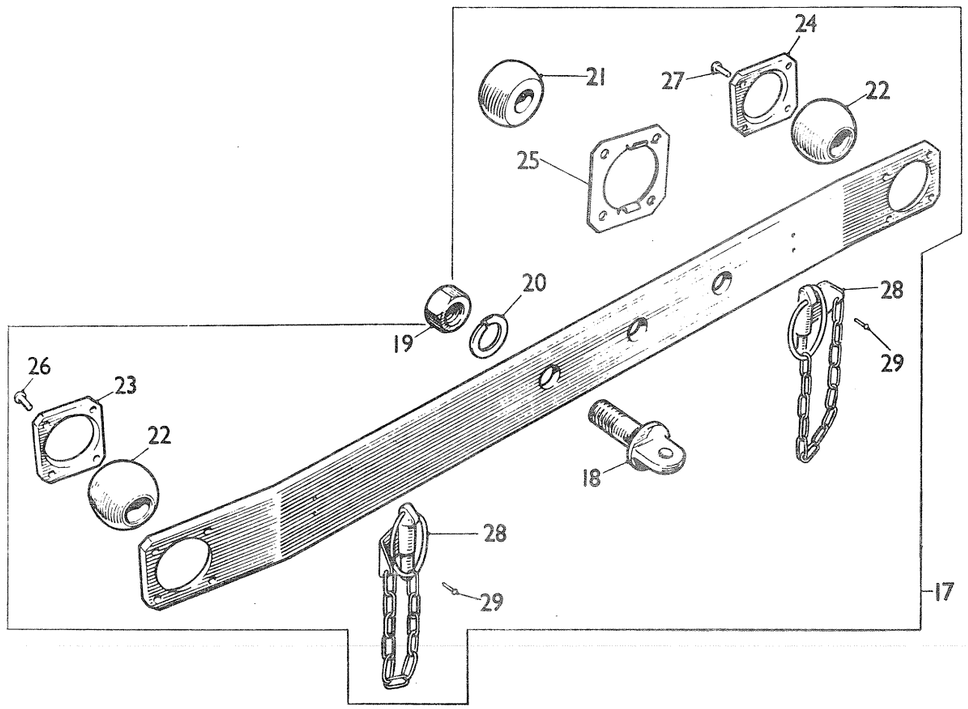
110M **ISSUE** 1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	ATJ 6711	....	UPPER LINK	....	1
2	ATJ 6707	....	:Tube	....	1
3	ATJ 6739	....	:Lever	....	1
4	ATJ 6490	....	:LINK ROD - R.H.	... .	1
5	ATJ 6492	....	::Ball Joint	....	1
6	NT 8363	....	::Sleeve	....	1
7	NT 8379	....	:Link Pin	....	1
8	NT 3721	....	::Pin and Chain	....	1
9	ATJ 6709	....	:LINK ROD - L.H.	....	1
10	ATJ 6492	....	::Ball Joint	....	1
11	NT 4642	....	::Sleeve	....	1
12	NT 8365	....	Bush	....	1
13	ATJ 6658	....	Wire Clip	....	1

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MR 26 DRAFT LINK

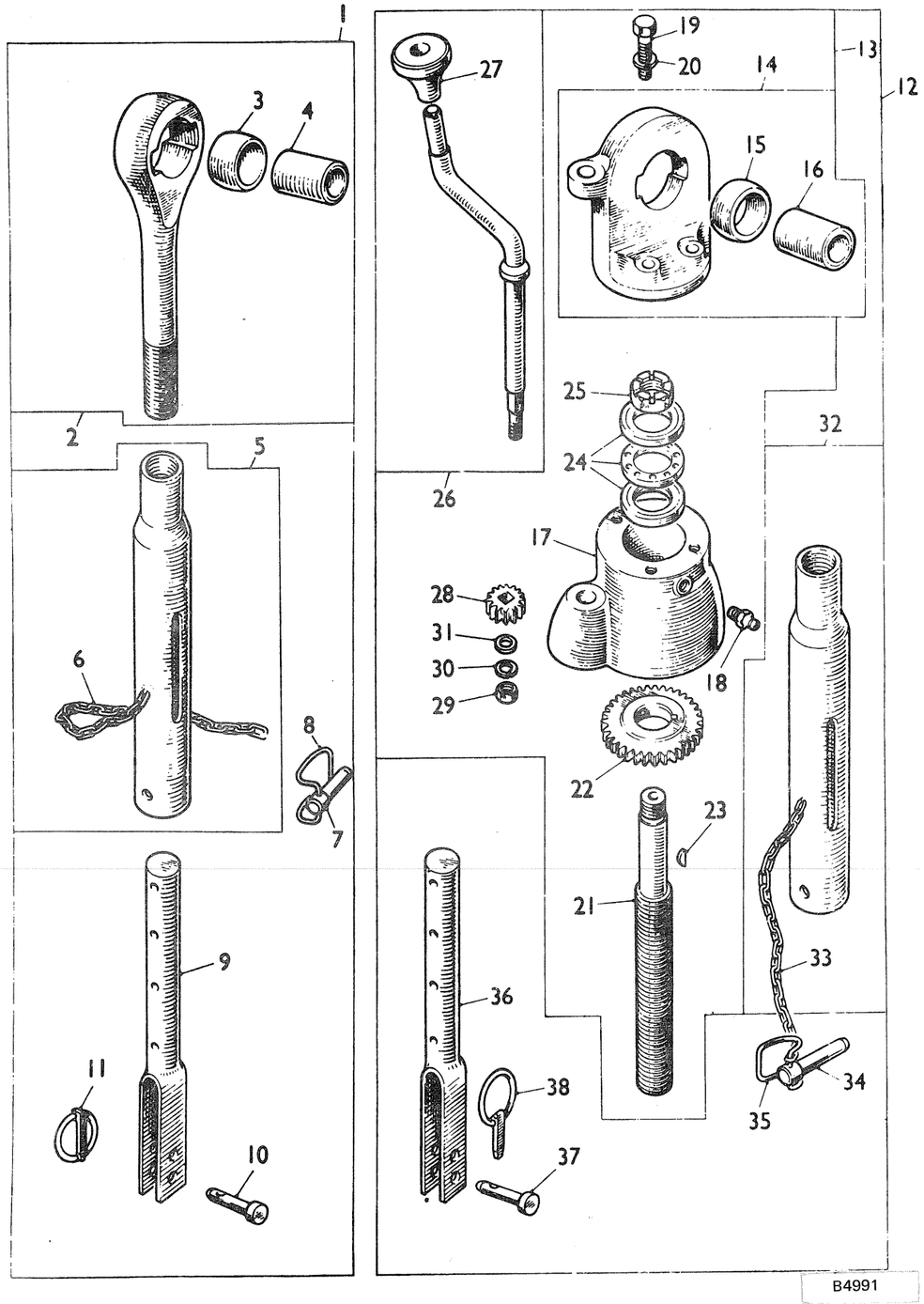


B4872

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
17	ATJ 6205	... .	DRAFT LINK	5 Speed Gearbox	2
	ATJ 6388 ATJ 6512	To T98999	DRAFT LINK	10 Speed Gearbox	@
18	NT 7251	....	Eyebolt	....	2
19	FNN 112 1340/0701	Superseded	Nut	....	2
20	LWN 212 1416/0011	Superseded	Washer	....	2
21	ATJ 6004	....	Ball Joint	....	2
22	NT 3627	....	Ball	....	4
23	NT 4477	....	Retainer	....	2
24	ATJ 6203	....	Retainer	....	2
25	ATJ 6204	....	Spring	....	2
26	RRS 422	... .	Rivet	....	8
27	CRS 422	....	Rivet	....	8
28	NT 3697	....	Pin and Chain	....	4
29	RRS 316	... .	Rivet	....	8

MR 27 LIFT RODS FIG. 1

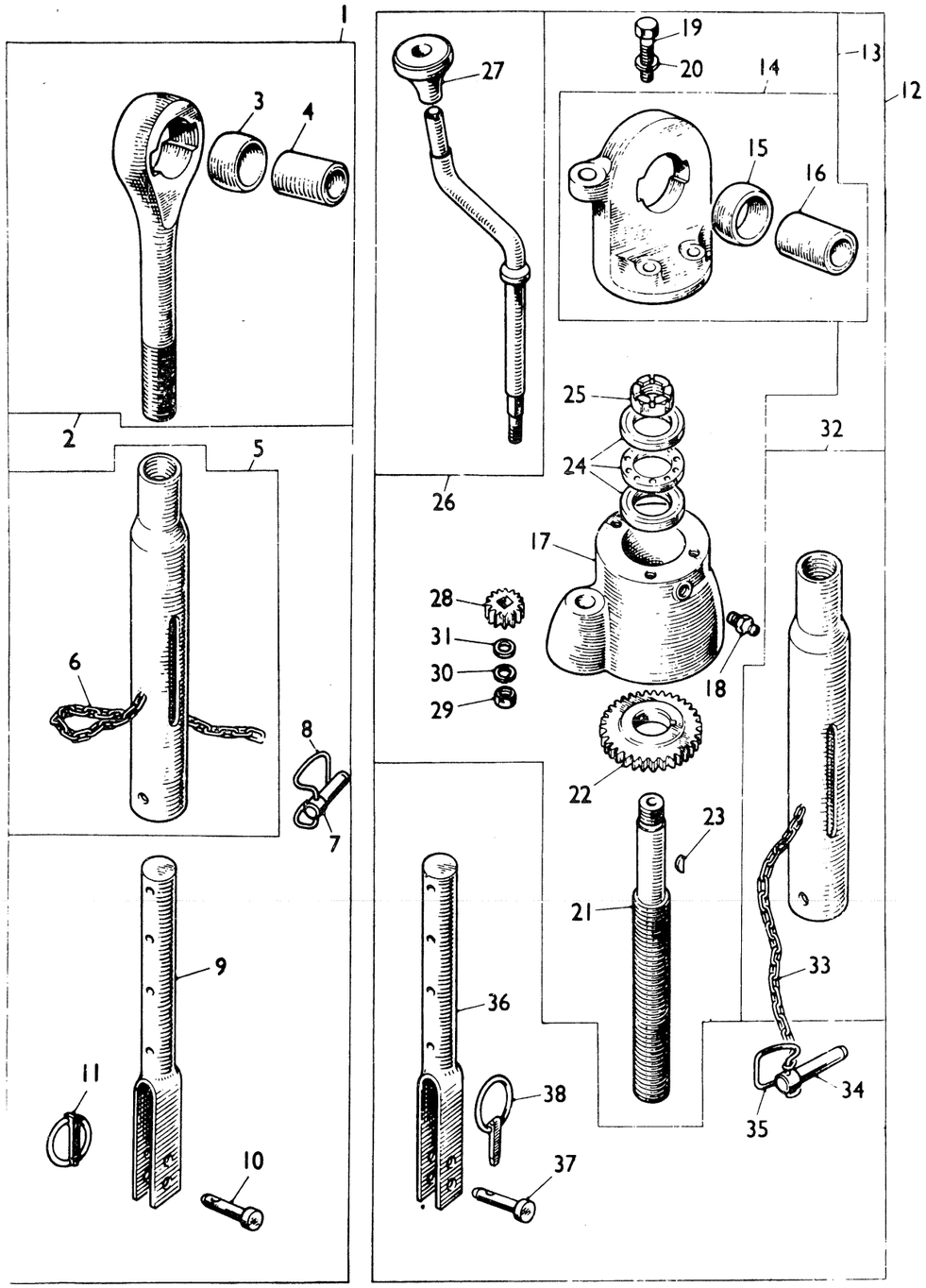
110M **ISSUE** 4*



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 8333		Lift Rod Assembly	....	1
2	NT 5742		:Rod	....	1
3	NT 4641		::Ball Joint	....	1
4	NT 4642		::Sleeve	....	1
5	ATJ 9376		:Tube	....	1
6	NT 3694		::Chain	....	1
7	NT 3657		:Locking Pin	....	1
8	NT 3658		:Spring Clip	....	1
9	NT 8335		:Fork	....	1
10	NT 7446		:Swivel Pin	....	1
11	NT 7453		:Pin and Ring	....	1
12	N.S.P.	342-24000 on	Lift Rod	....	1
13	NT 5738	10/42-57420 to 71451	:Adjusting Unit	....	1
14	NT 5129		::Ball Joint	....	1
15	NT 4641		:::Ball Joint	....	1
16	NT 4642		:::Sleeve	....	1
17	NT 5739		::Gear Housing	....	1
18	1450/0004		*::Grease Nipple	....	1
19	HBN 0510 1305/3108	Superseded	::Bolt	....	4
20	LWN 205 1416/0006	Superseded	::Washer	....	4
21	NT 5740		::Shaft	....	1
22	NT 3614		::Gear	....	1
23	WKN 404		::Key	....	1
24	ATJ 6014		::Thrust Bearing	....	1
25	FNN 410 1340/0605	Superseded	::Slotted Nut	....	1
26	NT 5850 ATJ 6468	Superseded	::Handle	....	1
27	NT 3654		:::Knob	....	1
28	NT 3615		::Pinion	....	1
29	FNZ 105 1340/0101	Superseded	::Nut	....	1
30	LWZ 205 1416/0005	Superseded	::Washer	....	1
31	PWZ 105 1411/0002	Superseded	::Plain Washer	....	1

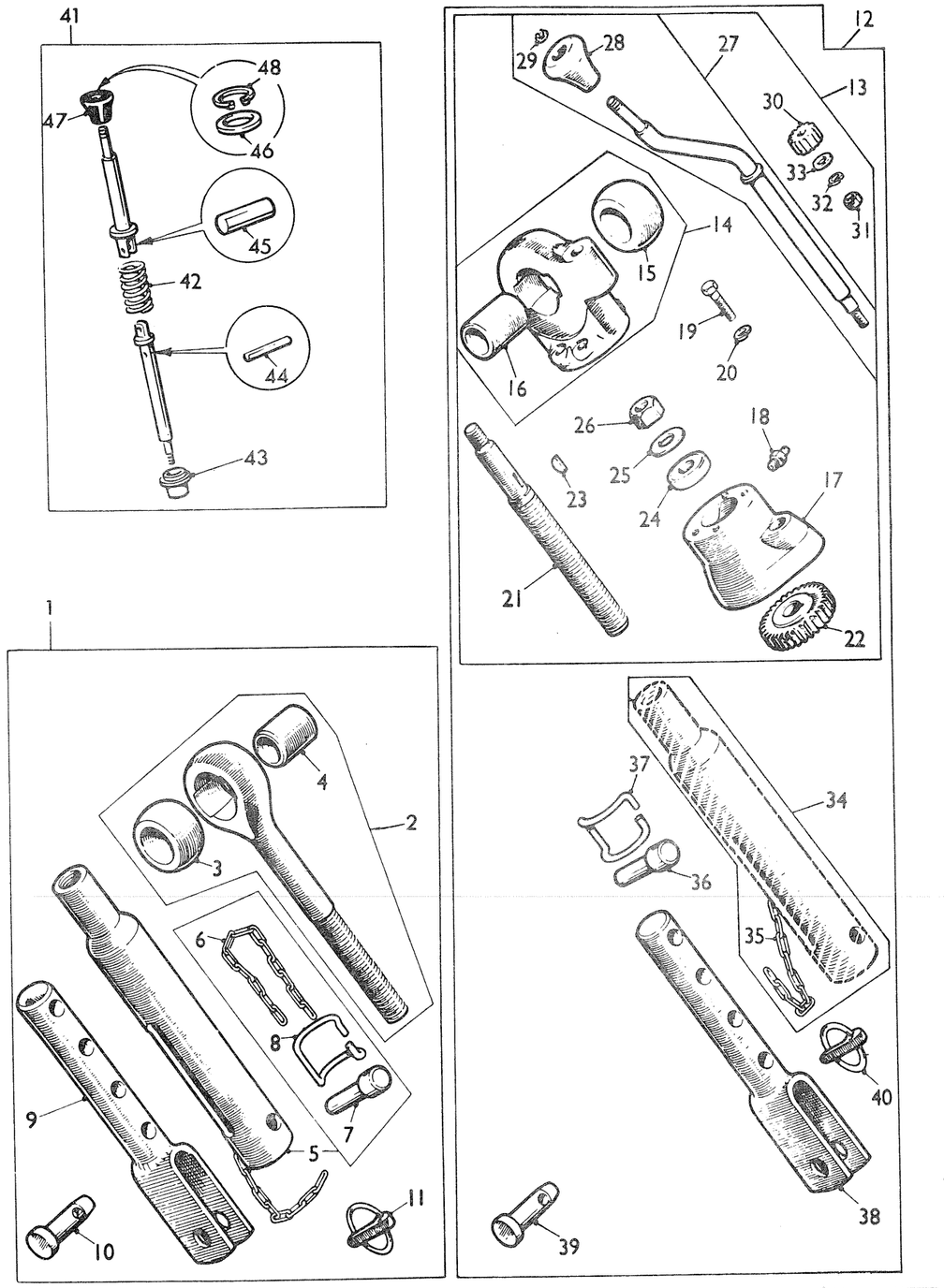
MR 27 LIFT RODS FIG. 1

110M **ISSUE** 1



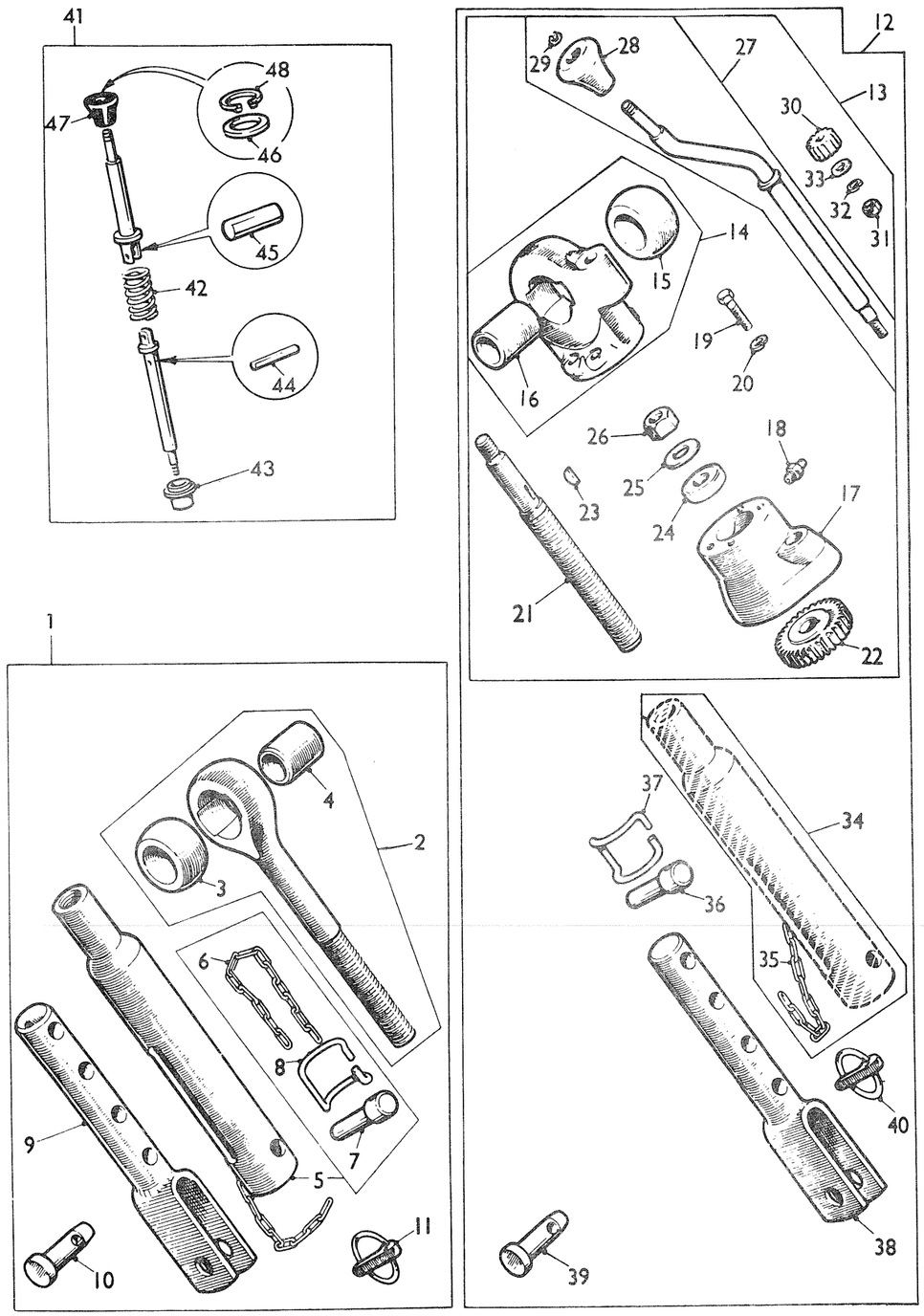
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
32	ATJ 9376		:Tube	....	1
33	NT 3694		::Chain	....	1
34	NT 3657		:Locking Pin	....	1
35	NT 3658		:Spring Clip	....	1
36	NT 8335		:Fork	....	1
37	NT 7446		:Swivel Pin	....	1
38	NT 7453		:Pin and Ring	....	1
	ATJ 1075		:Circlip	....	1

MR 28 LIFT RODS



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	N.S.P.	....	Lift Rod L.H.	....	1
2	ATJ 6463	See Remarks	:Rod	ATJ6463 N/A Use NT5 743 + 1 NT4641, 1 ATJ4583 & 2 ATJ4584	1
3	NT 4641	See Remarks	::Ball	NT4641 N/A Use ATJ4598 with 2 off ATJ4584	1
4	ATJ 6394	....	::Sleeve	....	1
5	ATJ 9375	....	:Tube & Chain	....	1
6	NT 3694	....	::Chain	....	1
7	NT 3657	....	:Pin	....	1
8	NT 3658	....	:Clip	....	1
9	ATJ 6387	....	:Fork	....	1
10	NT 7446	....	:Pin	....	1
11	NT 7453	....	:Retaining Pin	....	
12	N.S.P.	....	Lift Rod R.H.	....	1
13	ATJ 6461 ATJ 6528 ATJ 6779 CTJ 3204	To T98999 To T121431 Superseded	:Adjusting Unit	ATJ6461 N/A Use CTJ3204	1
14	ATJ 6382	....	::Ball Joint	....	1
15	NT 4641	See Remarks	:::Ball	NT4641 N/A Use ATJ4598 with 2 off Spacer ATJ 4584	1
16	ATJ 6394	....	:::Sleeve	....	1
17	ATJ 6378	....	::Housing	....	1
18	UHN 105	....	::Grease Nipple	....	1
19	ATJ 6392	....	::Bolt	....	4
20	LWN 205 1416/0005	Superseded	::Washer	....	4
21	ATJ 6423 CTJ 3230	Superseded	::Shaft	....	1
22	NT 3614	....	::Gear	....	1
23	WKN 404	....	::Key	....	1
24	ATJ 2080	... .	::Thrust Bearing	....	1
25	PWN 110 PWZ 110 1411/0007	Superseded Superseded	::Washer	....	1
26	FNN 410 1340/0605	Superseded	::Nut	....	1
27	ATJ 6468 ATJ 6525 See item 41	To T98999 To T121431	::Handle	....	1

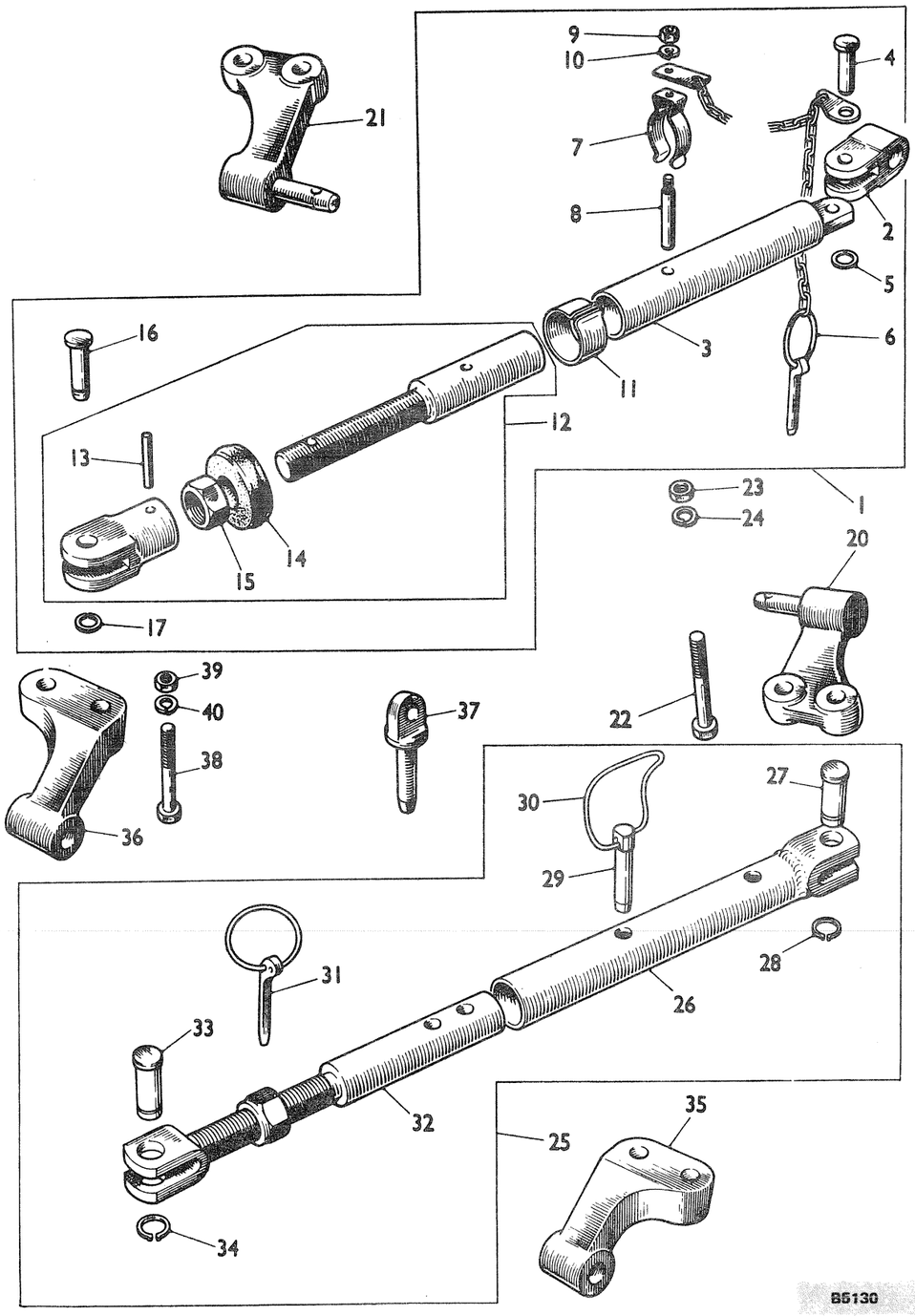
MR 28 LIFT RODS



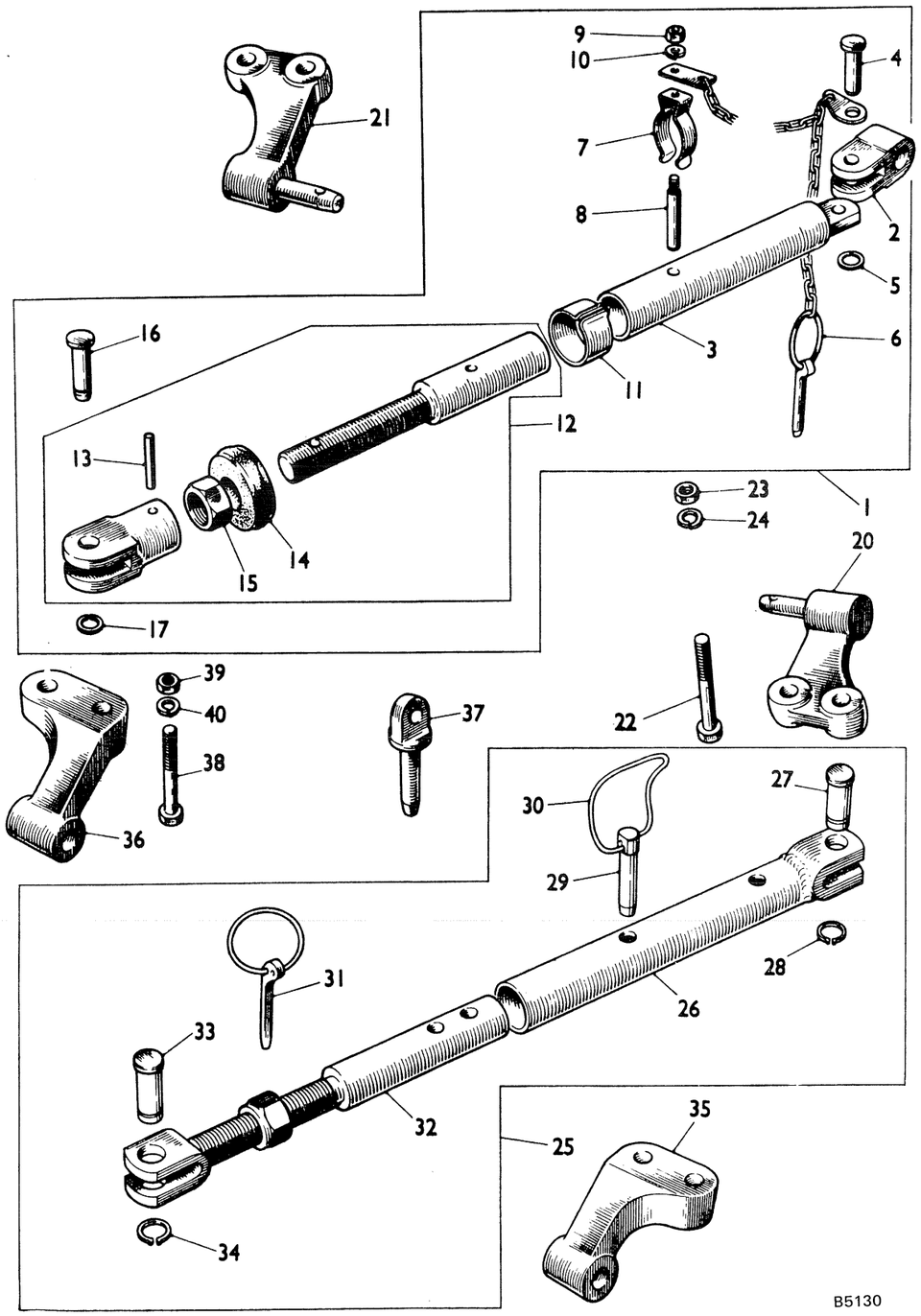
6910A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
28	NT 3654	....	:::Knob	....	1
29	ATJ 1075	....	:::Circlip	....	1
30	NT 3615	....	::Pinion	....	1
31	FNZ 105 1340/0101	Superseded	::Nut	....	1
32	LWZ 205 WL600051 1416/0005	Superseded Superseded	::Washer	....	1
33	PWZ 105	....	::Washer	....	1
34	ATJ 9375	....	:Tube & Chain	....	1
35	NT 3694	....	::Chain	....	1
36	NT 3657	... .	:Pin	....	1
37	NT 3658	....	:Clip	....	1
38	ATJ 6387	....	:Fork	....	1
39	NT 7446	... .	:Pin	....	1
40	NT 7453	....	:Retaining Pin	....	1
41	ATJ 6780	....	Handle	....	1
42	ATJ 6786	....	:Spring	....	1
43	ATJ 6784	....	:Register	... .	1
44	RPS 0812	....	:Roll Pin	....	1
45	RPS 2014	....	:Roll Pin	....	1
46	ATJ 1074	....	:Washer	....	1
47	NT 3654	....	:Knob	....	1
48	ATJ 1075	....	:Circlip	....	1

6910A



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	NT 7273		Stabiliser	....	2
2	NT 3881		:Front Fork	....	2
3	NT 3883		:Hinge Plate and Tube	....	2
4	NT 3659		:Swivel Pin	....	2
5	NT 3389		:Circlip	....	2
6	NT 3941		:Pin and Chain	....	2
7	NT 3922		:Clip	....	2
8	NT 5747		:Locking Pin	....	2
9	FNZ 104 1340/0001	Superseded	:Nut	....	2
10	LWZ 205 1416/0005	Superseded	:Washer	....	2
11	NT 4714	342-24000 on	:Cover-Spring	....	2
12	NT 5744		:Rear Fork and Rod	....	2
13	NT 3903		::Taper Pin	....	2
14	NT 4348		::Rubber Buffer	....	2
15	LNZ 214		::Locknut	....	2
16	NT 3659		:Swivel Pin	....	2
17	NT 3389		:Circlip	....	2
20	ATJ 6033		Hinge Pin Bracket R.H.	....	1
21	AJT 6034		Hinge Pin Bracket L.H.	....	1
22	HBN 1230 1305/3728	Superseded	Bolt	....	4
23	FNN 112 1340/0701	Superseded	Nut	....	4
24	LWN 212 1416/0011	Superseded	Washer	....	4
25	ATJ 9463	....	Stabiliser	....	2
26	ATJ 6263	....	:Front Fork and Tube	....	2
27	ATJ 6267	....	:Swivel Pin	....	2
28	CCN 112	....	:Circlip	....	2
29	ATJ 6268	....	:Locking Pin	....	2
30	ATJ 6269	....	::Spring Clip	....	2
31	NT 7453	....	:Retaining Pin	....	2
32	ATJ 6265	....	:Rear Fork and Rod	....	2
33	ATJ 6267	....	:Swivel Pin	....	2
34	CCN 112	....	:Circlip	....	2
35	ATJ 6257	....	Bracket R.H.	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
36	ATJ 6258	....	Bracket L.H.	....	1
37	ATJ 6266	....	Eyebolt-Front	....	2
38	BN 1230 1305/3728	Superseded	Bolt	....	4
39	FNN 112 1340/0701	Superseded	Nut	....	4
40	LWN 212 1416/0011	Superseded	Washer	....	4

End of Section MR

TC

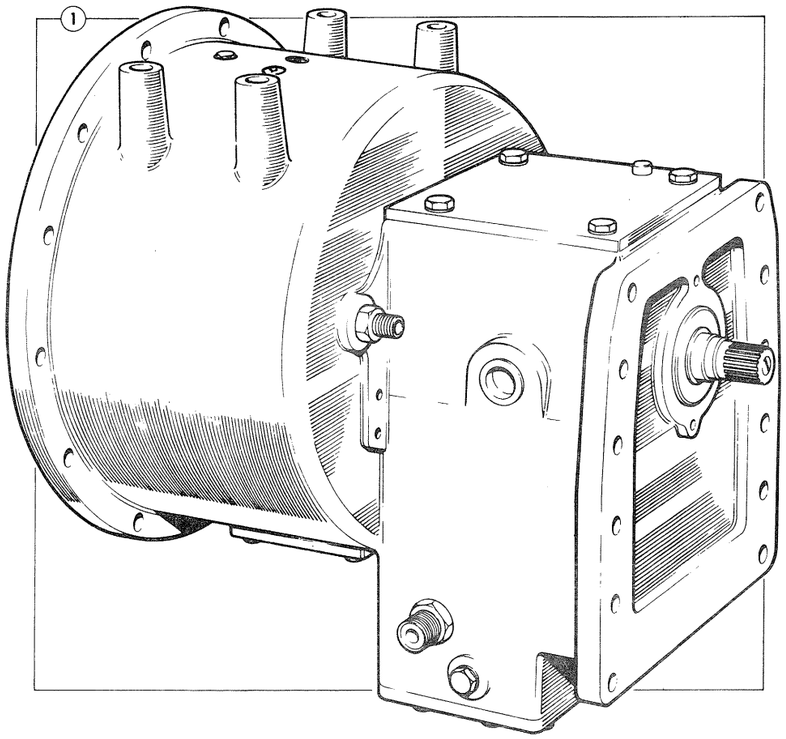
Torque Converter

Page TC 0 to TC 5-2

Description	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Clutch	TC3	TC3	TC3	TC3	TC3			TC3
Converter	TC1	TC1 TC4167 TC1.1	TC1 TC4167 TC1.1	TC1 TC4167 TC1.1	TC1 4167 TC1.1			TC1 TC4167 TC1.1
Controls	TC7 M52477 TC7.1 M52796 TC7.2	TC7.2	TC7 M52477 TC7.1 M52796 TC7.2	TC7 M52477 TC7.1 M52796 TC7.2	TC7 M52477 TC7.1 M52796 TC7.2			TC7.2
Drive Plate	EC4	EA6	EC4 M45571	EA6	EA6			EA6
Engine Frame	TC6 TC0467 TC6.1	TC6.1 SK1000006 TC6.3	TC6 TC0467 TC6.1 SK1000006 TC6.3	TC6 TC0467 TC6.1 SK1000006 TC6.3	TC6 TC0467 TC6.1 SK1000006 TC6.3			TC6.1SK1000006 TC6.3
Filter-Oil	TC5 TC0424 TC5.1	TC5.1	TC5 TC0424 TC5.1	TC5 TC0424 TC5.1	TC5 TC0424 TC5.1			TC5.1
Instrument Panel	TC7 M52477 TC7A	TC7A M68150 MK15.3	TC7 M52477 TC7A M68150 MK15.3	TC7 M52477 TC7A M68150 MK15.3	TC7 M52477 TC7A M68150 MK15.3			TC7A M68150 MK15.3
Input Gear	TC4	TC4	TC4	TC4	TC4			TC4
Idler Gear	TC3	TC3	TC3	TC3	TC3			TC3
Layshaft	TC3	TC3	TC3	TC3	TC3			TC3
Maincase	TC8	TC8 TC10312 TC8.1	TC8 TC10312 TC8.1	TC8 TC10312 TC8.1	TC8 TC10312 TC8.1			TC8 TC10312 TC8.1
Oil Cooler	TC6 TC0467 TC6.1	TC6.1 SK1000006 TC6.2	TC6 TC0467 TC6.1 SK1000006 TC6.2	TC6 TC0467 TC6.1 SK1000006 TC6.2	TC6 TC0467 TC6.1 SK1000006 TC6.2			TC6.1SK1000006 TC6.2
Output Shaft	TC3	TC3	TC3	TC3	TC3			TC3
Pipework- Oil Cooler	TC6 TC0467 TC6.1	TC6.1 SK1000006 TC6.2	TC6 TC0467 TC6.1 SK1000006 TC6.2	TC6 TC0467 TC6.1 SK1000006 TC6.2	TC6 TC0467 TC6.1 SK1000006 TC6.2			TC6.1SK1000006 TC6.2
Pump-Internal	TC2	TC2 TC0467	TC2 TC0467	TC2 TC0467	TC2 TC0467			
-External(T/C & Power Steering		EA34.2	EA34.2	EA34.2	EA34.2			EA34.2
Sandwich Plate	EC4	EA6	EC4 M45571 EA6	EA6	EA6			EA6
Starter Ring	EC4	EA6	EC4 M45571 EA6	EA6	EA6			EA6
Suction Strainer	TC8	TC8	TC8	TC8	TC8			TC8
Transmission Unit	TC0	TC0	TC0	TC0	TC0			TC0

Description	JCB 2/2B	JCB 2D	JCB 3	JCB 3C	JCB 3D	JCB 4C	JCB 4D	JCB 700
Valves								
-Directional	TC5.1	TC5.1	TC5.1	TC5.1	TC5.1			TC5.1
-Lubrication	TC8	TC8	TC8	TC8	TC8			TC8
-Modulating	TC5.2	TC5.2	TC5.2	TC5.2	TC5.2			TC5.2
-Pressure	TC5.1	TC5.1	TC5.1	TC5.1	TC5.1			TC5.1
-Relief	TC2	TC2	TC2	TC2	TC2			TC2

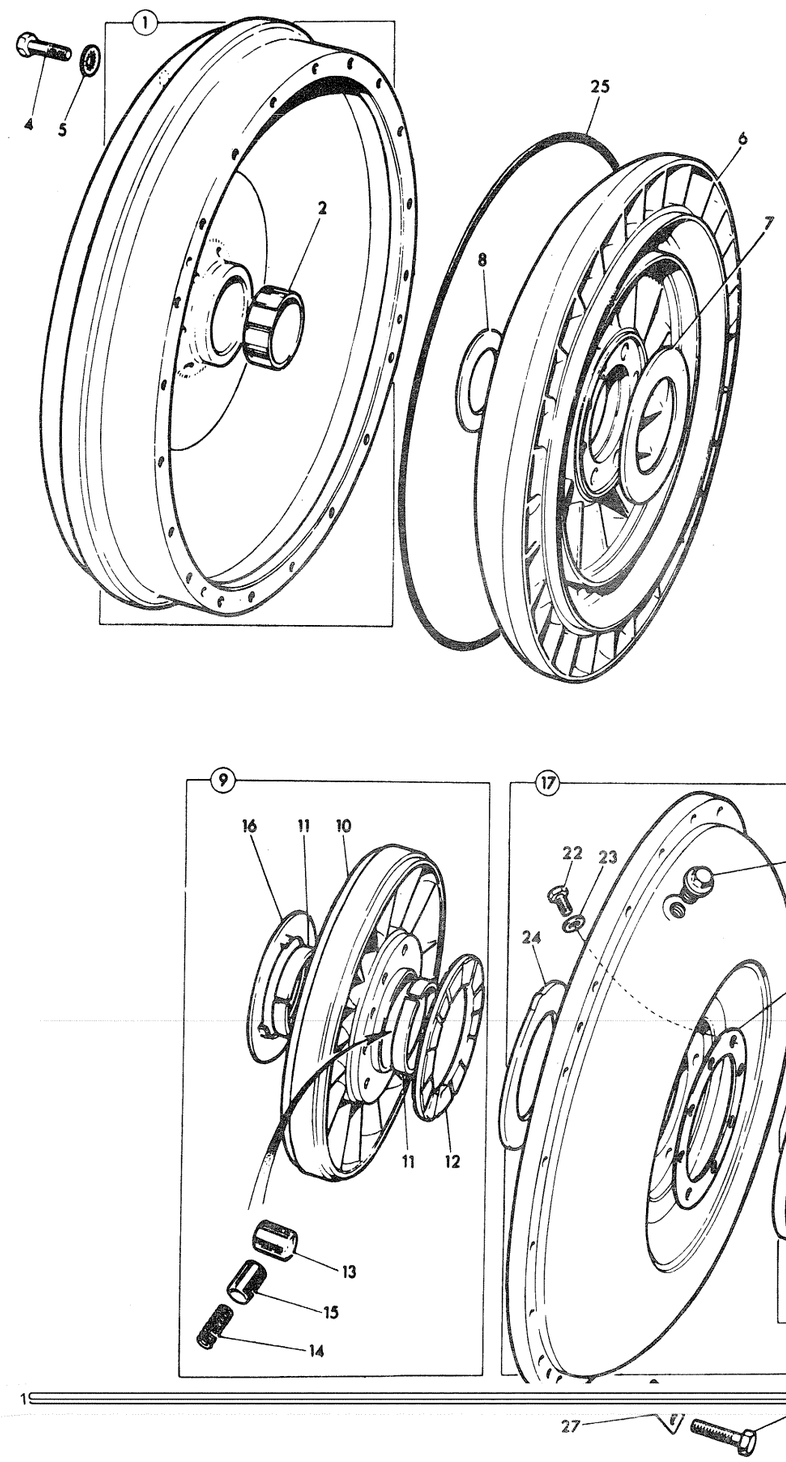
TC 0 TRANSMISSION UNIT



ITEM	PART No.	CHANGE No.		DESCRIPTION	REMARKS	QTY.
1	446/22200	....	....	Transmission Unit	11N Mk11A 3 Cyl. (See Note)	1
	446/00200 446/19300	0467	....	Transmission Unit	4 Cyl.(See Note) 11N MK111 4 Cyl.	1
	446/22300	....	....	Transmission Unit	Service Replacement Mk11A For Mk1 and Mk1A	1
	990/13700	....	....	Conversion Kit	Mk1 to Mk111	1

NOTE: For Transmission prior to Serial Number 0467 See T.1.Home 84 Export 77

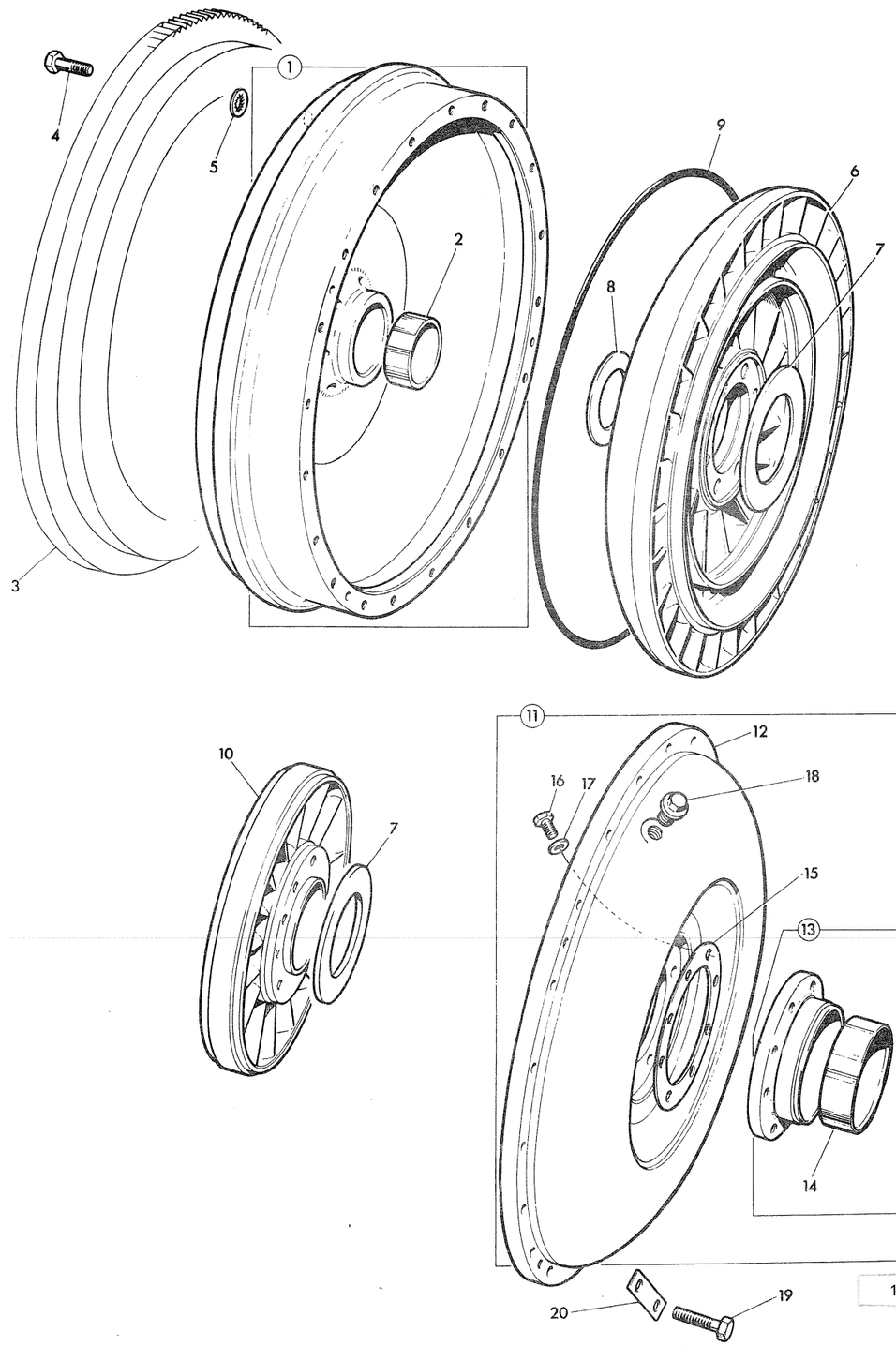
TC 1 CONVERTER



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/00227 446/19306	To TC0441	Driving Shell	....	1
2	446/00228	....	Bush	....	1
3	See Page EC4	....	Driving Plate	3 Cylinder	1
	See Page EA6	....	4 Cylinder	4 Cylinder	1
4	1305/3212	... .	Bolt	....	8
5	1418/0012	....	Shakeproof Washer	....	8
6	446/00600	....	Turbine	....	1
7	446/00231	....	Washer	....	1
8	446/00232	....	Thrust Washer	....	1
9	446/00700	....	Reaction Assembly	....	1
10	N.S.P.	....	Reaction Member	....	1
11	446/00801	....	Bush	....	2
12	446/00802	....	Thrust Washer	....	1
13	446/00703	....	Roller	....	9
14	446/00702 446/00706	Superseded	Spring	....	9
15	446/00701S 446/00705	Superseded	Thimble	....	9
16	446/00704	....	Thrust Washer	....	1
17	446/10200	....	Impeller Assembly	3 Cylinder	1
	446/00900 446/19301	To TC0467	Impeller Assembly	4 Cylinder	1
18	N.S.P.	....	Impeller Member	....	1
19	446/01000 446/19302 446/30000	To TC0467 Superseded	Hub Hub	Stepped .... Plain	1
20	446/01001 446/30002	Superseded	:Bush	....	1
21	446/00902 446/29803	Superseded	Gasket	....	1
22	446/00904	....	Wedgelock Bolt	....	8
23	446/00905 446/29802	Superseded	Washer	....	8
24	446/00903	....	Washer	....	1
25	828/00018	....	'O'Ring	....	1
26	1305/0006	....	Bolt	....	20
27	446/00234	....	Tab Washer	....	10
28	447/19323	....	Plug	....	2

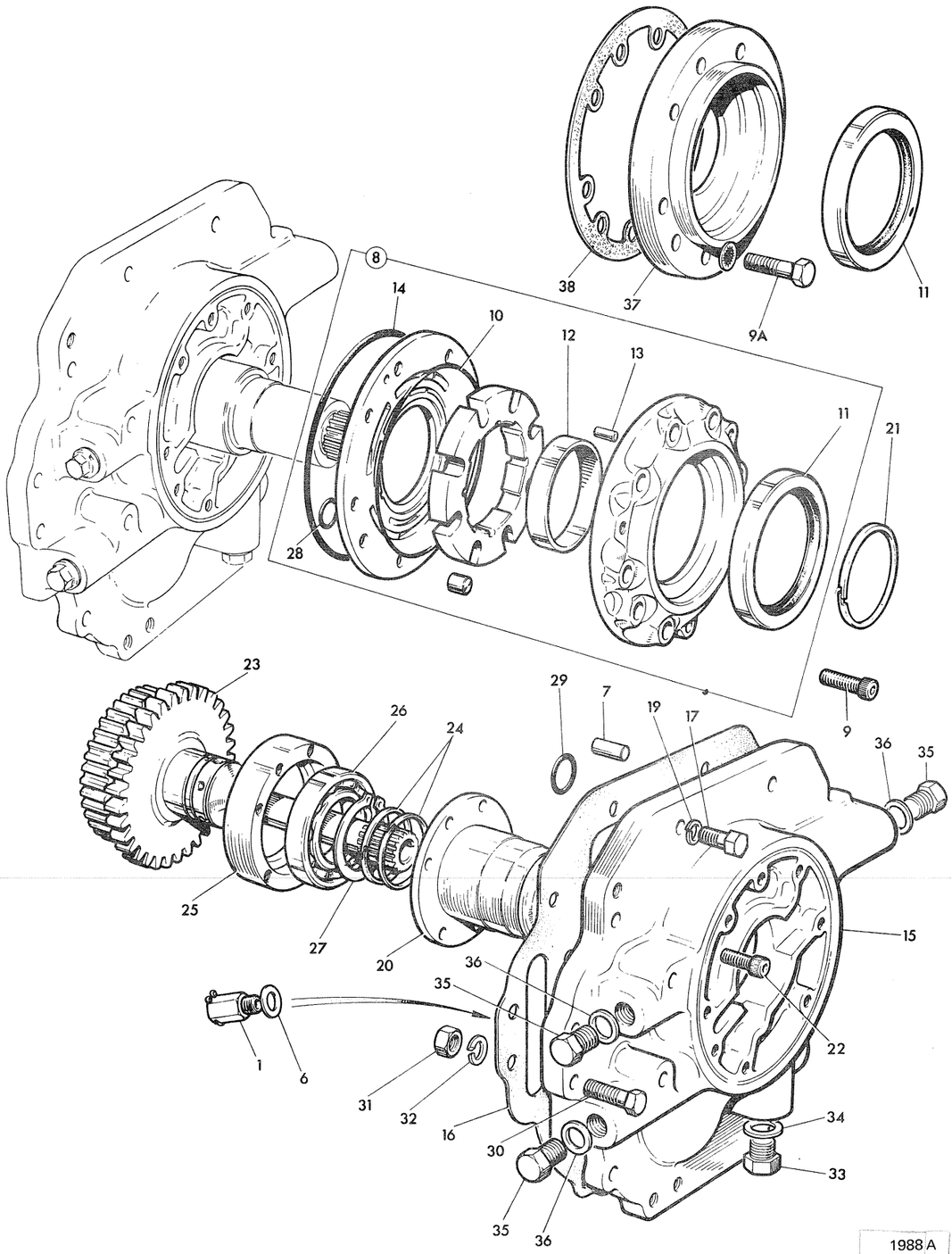
TC 1–1 CONVERTER

110M **ISSUE** 1

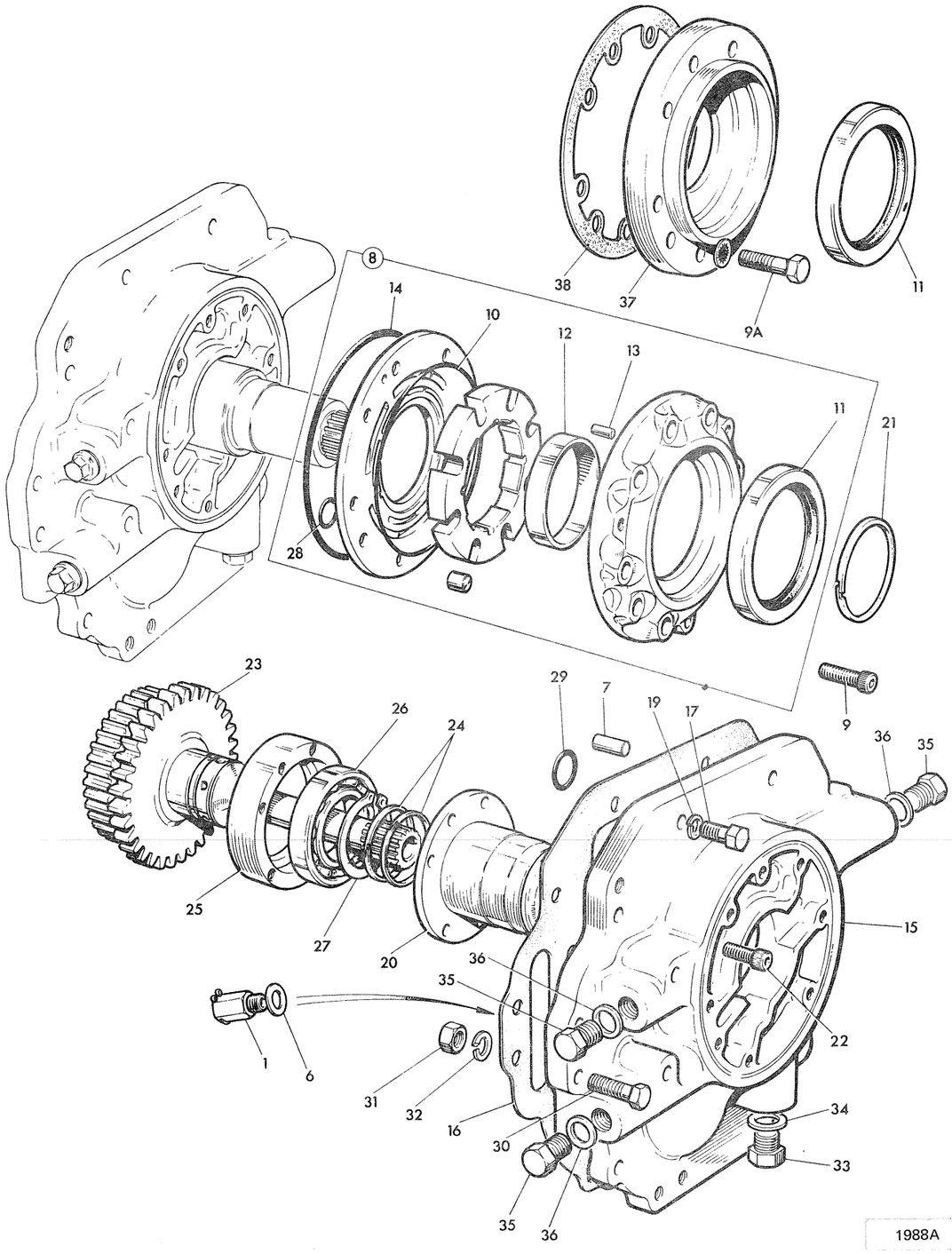


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/29900	....	Driving Shell	....	1
2	446/00228	....	:Bush	....	1
3	See Index EA	....	Flywheel	....	1
4	1305/3212	....	Bolt	....	8
5	1418/0012	....	Washer	....	8
6	446/29700	....	Turbine	....	1
7	446/19335	....	Thrust Washer	....	2
8	446/00232	....	Thrust Washer	....	1
9	828/00075	....	'O'Ring	....	1
10	446/29600	....	Reaction Assembly	....	1
11	446/29800	....	Impeller Assembly	....	1
12	N.S.P.	....	:Impeller	....	1
13	446/30000	....	:Hub	....	1
14	446/30002	....	::Bush	....	1
15	446/29803	....	:Gasket	....	1
16	446/29804	....	:Bolt	....	8
17	446/29802	....	:Washer	....	8
18	446/19323	....	Plug	....	2
19	1305/0006	....	Bolt	....	20
20	446/00234	....	Tab Washer	....	10

TC 2 PUMP



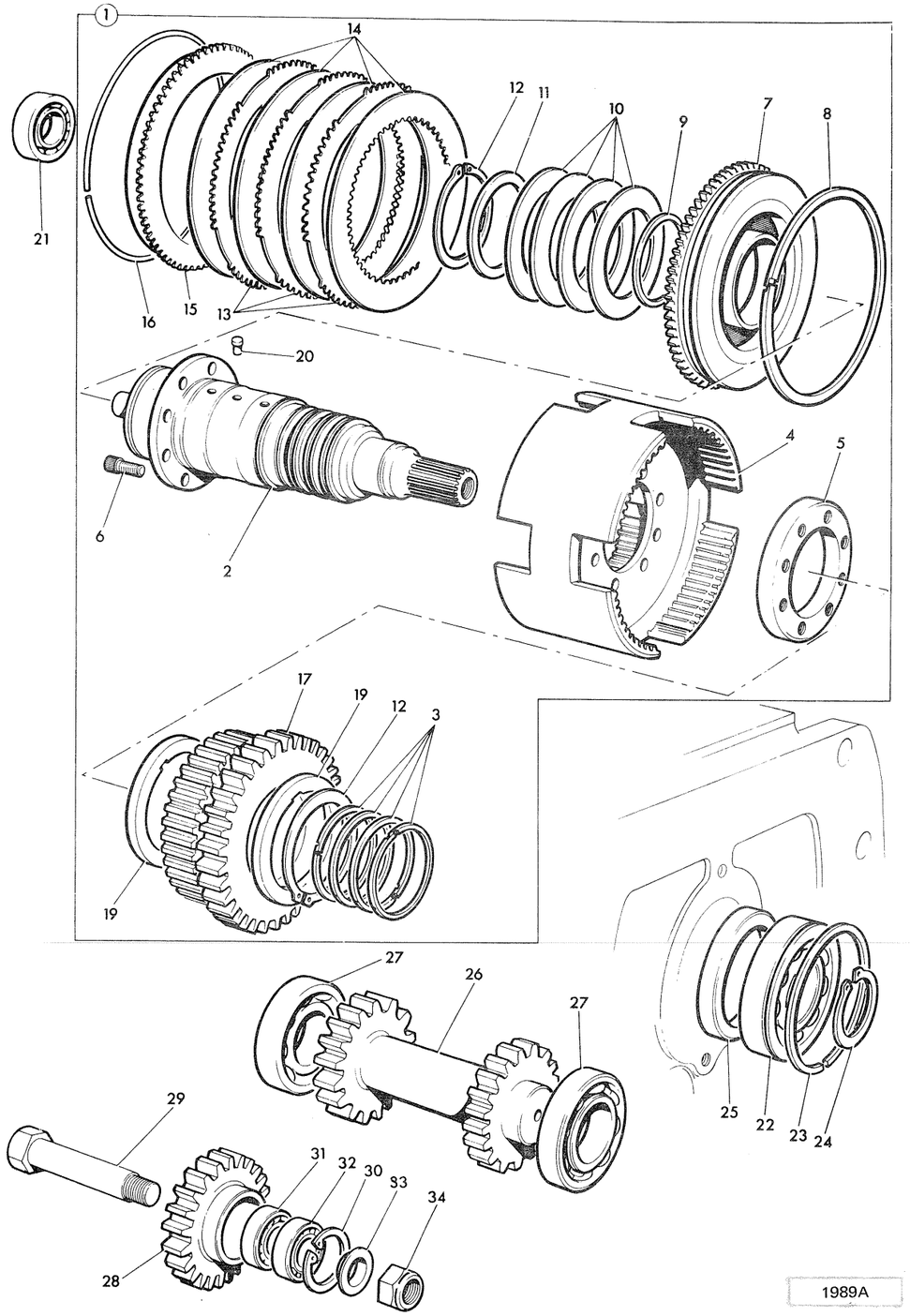
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/01200	....	Relief Valve	....	1
2	N.S.P.	....	:Split Pin	....	2
3	N.S.P.	....	:Spacer	Not illustrated	1
4	N.S.P.	....	:Spring	....	1
5	N.S.P.	....	:Ball	....	1
6	1403/0002	....	:Washer	....	1
7	446/00203 446/19332	Superseded	Dowel	....	2
8	446/01100 See item 37	To TC0467	Pump	Includes items 10 to 14 and 28	1
9	G52/30 1381/3108	Superseded To TC0467	Capscrew	....	8
9A	1305/0108	....	Bolt	....	8
	446/16110	....	Washer	....	8
	1418/0011				
10	446/01103	To TC0467	'O'Ring	....	1
11	446/01102	....	Oil Seal	....	1
12	N.S.P.		Bush	....	1
13	446/01105	To TC0467	Dowel	....	2
14	446/01107		'O'Ring	....	1
15	446/00201 446/06105 446/19308	To TC0424 To TC0467	Reaction Plate	....	1
16	813/00029 813/00109	To TC0467	Gasket	....	1
17	1305/3220	....	Bolt-Long	....	2
	1305/3210	....	Bolt-Short	....	11
19	1418/0012	....	Shakeproof Washer	....	13
20	446/19309 446/19333	To TC4167	Reaction Sleeve	....	1
21	446/00205	....	Piston Ring	....	1
22	G52/29 1381/3106	Superseded	Capscrew	....	6
23	446/00207	....	Turbine Shaft	... .	1
24	446/00209	....	Piston Ring	....	2
25	446/00210	....	Bearing Cap	....	1
26	446/00211 988/00069	Superseded	Ball Bearing	....	1
27	2203/0063	....	Circlip	....	1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
28	446/01106	To TC0467	'O'Ring	....	8
29	2401/0205	....	'O'Ring	Outlet Connection Was 446/00241	1
30	826/00019	....	Dowel Bolt	....	1
31	1340/0201	....	Nut	....	1
32	1418/0012	....	Washer	....	1
33	446/00222 446/19310	Superseded	*Plug	....	1
34	1403/0006		Washer	....	1
35	446/19327 446/19327 446/19334	TC0425 on To TC4167	Plug	....	3 2 1
36	1403/0003	....	Washer	....	3
37	446/19307	TC0468 on	Oil Seal Carrier	Correction was 446/10307	1
38	813/00032		Gasket	....	1

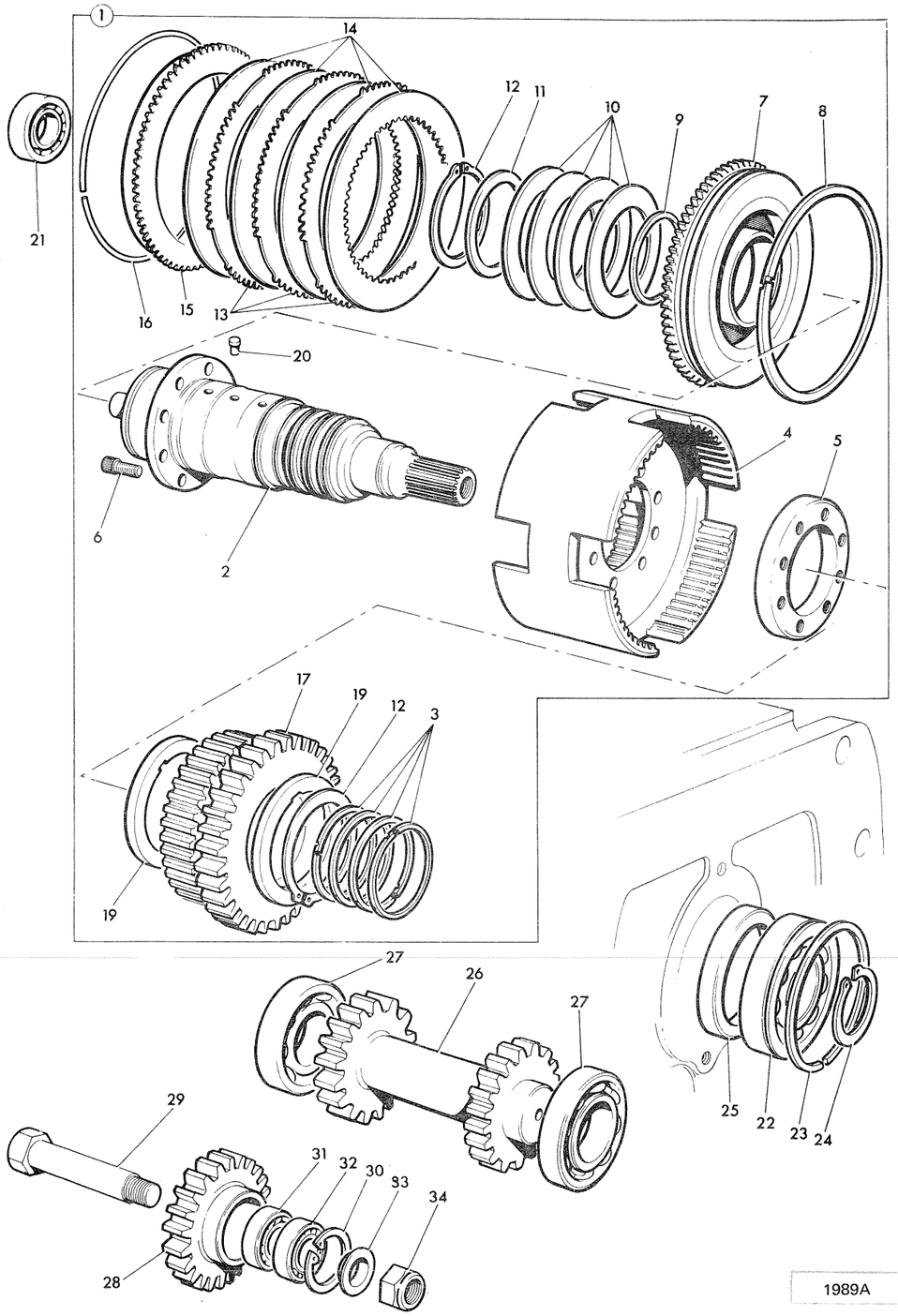
TC 3 OUTPUT SHAFT & CLUTCH

110M **ISSUE** 6



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/01300	....	Output Shaft & Clutch	....	1
2	446/01301	....	:Output Shaft	....	1
3	446/01302	....	:Piston Ring	....	4
4	446/01303	....	:Clutch Drum	....	1
5	446/01304	....	:Clamp Ring	....	1
6	G52/31 1381/3205	Superseded	:Capscrew	....	8
7	446/01305	....	:Piston	....	2
8	446/01306	....	:Piston Ring	6.5in.diameter	2
9	446/00205	....	:Piston Ring	2.75in.diameter	2
10	446/01307 446/42903	To TC12841	:Spring Disc	446/01307 N/A Use 446/42903 in sets only	8
11	446/01308	....	:Spacer	....	2
12	446/01309 446/42902	Superseded	:Circlip	....	3
13	446/01310	....	:Counter Plate-Plain	....	6
14	446/01311 446/01317	To TC3967	:Clutch Plate-Sintered :Clutch Plate-Carbon	446/01311 N/A Use 446/01317 in sets only	8
15	446/01316	....	:End Plate	....	2
16	446/01313	....	:Wire Ring	....	2
17	446/01315	....	:Gear	....	1
18	N.S.P.	....	:Bush	....	1
19	446/00233	....	:Thrust Washer	....	2
20	446/00213	... .	:Dowel	....	2
21	446/00208	....	Roller Bearing	....	1
22	446/01700	....	Ball Bearing	....	1
23	446/01701	....	:Snap Ring	....	1
24	446/00216 2203/0054	Superseded	Circlip	....	1
25	446/00217	....	Oil Seal	....	1
26	446/00214	....	Layshaft	....	1
27	446/00215	....	Bearing	....	2
	N.S.P.	....	Idler Gear	Comprises items 27 to 33	1
28	446/01501	....	Idler Gear	....	1
29	446/01502	....	Idler Pin	....	1
30	446/01503	....	Circlip	....	1
31	446/01504	....	Bearing	....	1
32	446/01505	....	Bearing	....	1

TC 3 OUTPUT SHAFT & CLUTCH

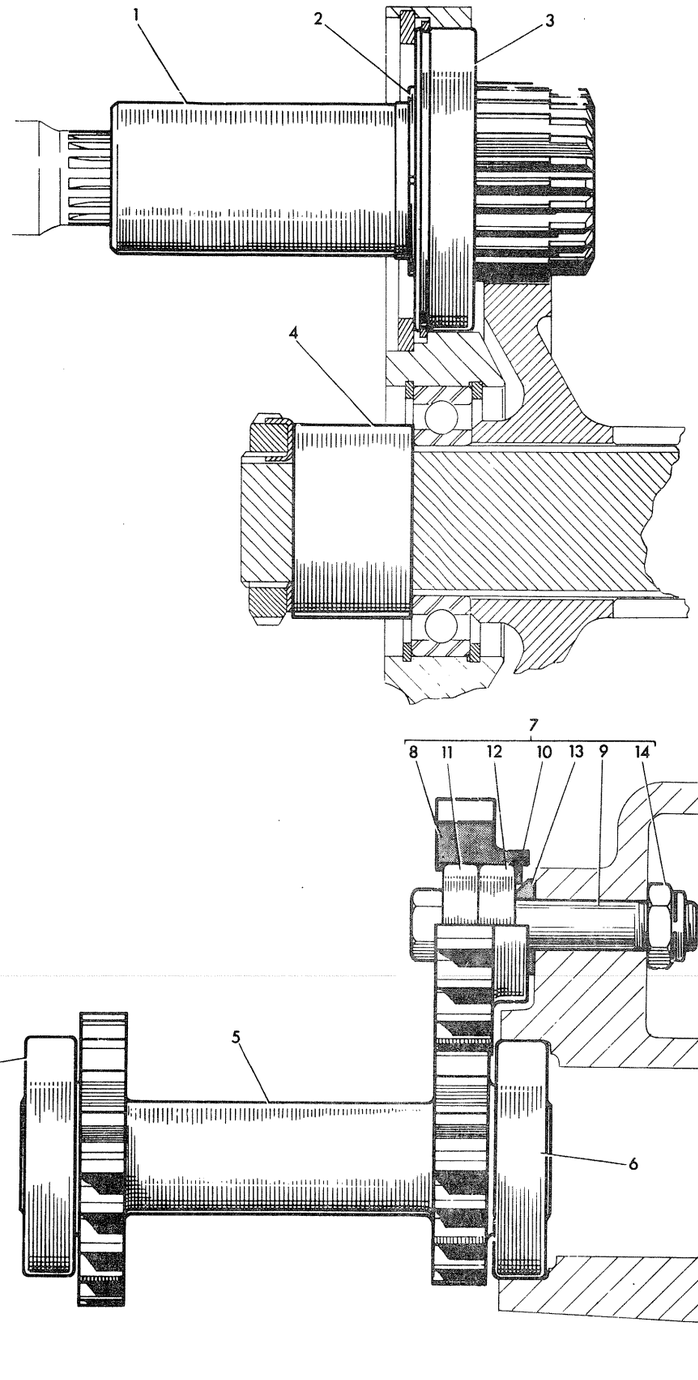


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ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
33	446/01506	....	Collar	....	1
34	446/01507	....	Nut	....	1

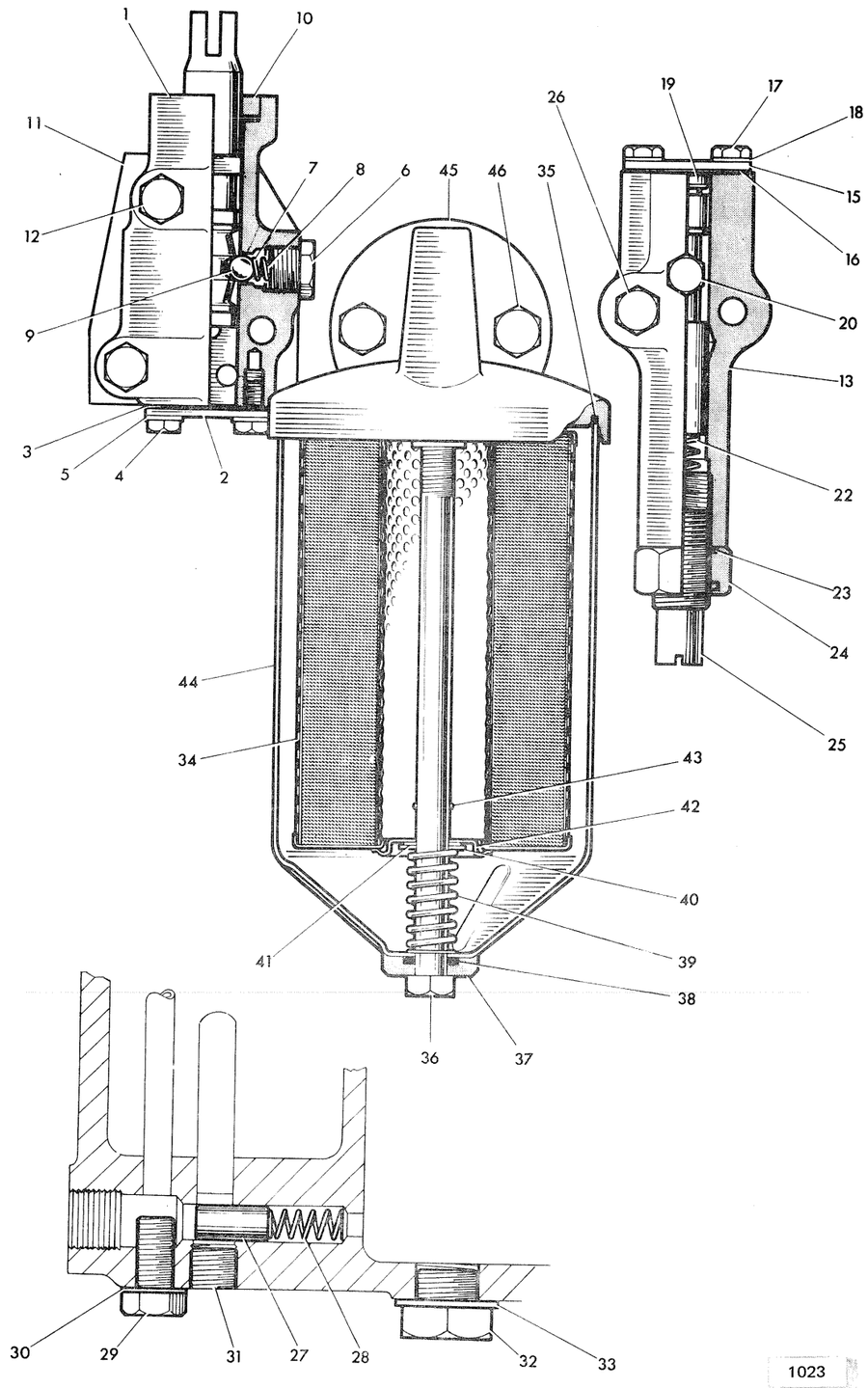
TC 4 LAYSHAFT & IDLER GEAR

110M **ISSUE** 4

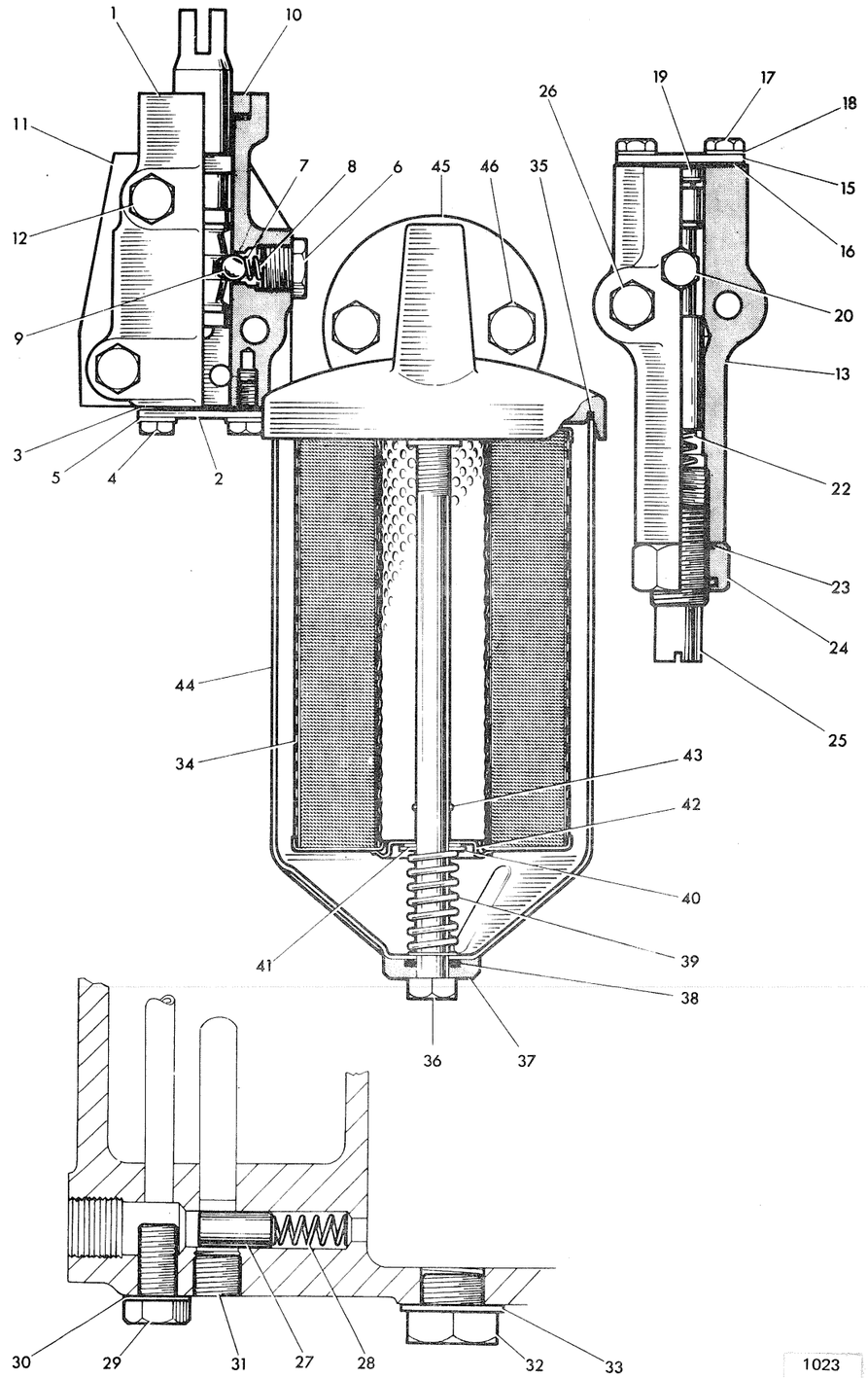


ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/00301 ATJ 5563 988/00145	Superseded Superseded	Input Gear	....	1
2	G9/13 CCN 132 2203/0064	Superseded Superseded	Circlip	....	1
3	446/00302 ATJ 5560	Superseded	Bearing	....	1
4	446/00303 ATJ 5559 446/00303	Superseded Superseded	Collar	....	1

Items 5 to 14 Refer to Page TC3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/01800	....	Directional Valve	....	1
2	446/01801	....	:End Plate	....	1
3	446/01802	....	:Gasket	....	1
4	1305/0002	....	:Bolt	....	2
5	1418/0010	....	:Shakeproof Washer	....	2
6	N.S.P.	....	:Plug	....	1
7	N.S.P.	....	:Spring	....	1
8	N.S.P.	....	:Stop Pin	....	1
9	N.S.P.	....	:Ball	....	1
10	446/01807	....	:Oil Seal	....	1
11	813/00027	....	Gasket	....	1
12	1305/3214	....	Bolt	....	3
	1418/0012	....	Shakeproof Washer	....	3
13	446/01900 446/29300	Superseded	Pressure Valve	....	1
14	813/00028	....	:Gasket-Valve Base	Not illustrated	1
15	N.S.P.	....	:End Plate	....	1
16	N.S.P.....	....	:Gasket	....	1
17	N.S.P.	....	:Washer	....	2
18	N.S.P.	....	:Washer	....	2
19	N.S.P.	....	:Spacer	....	1
20	N.S.P.	....	:Stop Pin	....	1
	N.S.P.	....	:Washer	....	1
22	N.S.P.	....	:Spring	....	1
23	N.S.P.	....	:'O'Ring	....	1
24	N.S.P.	....	:Nut	....	1
25	N.S.P.	....	:Adjusting Screw	....	1
26	1305/3211	....	Bolt	....	2
	446/01909	....	Washer	....	2
27	446/00226	....	Plunger	....	1
28	446/00220		Spring	....	1
29	1305/0406	To TC0129	Bolt	....	1
30	1903/0002		Washer	....	1
31	446/00221		Plug	....	1
32	446/00222 446/19310	Superseded	Plug	....	1
33	1403/0006	....	Washer	....	1
	446/09000	....	Filter	....	1

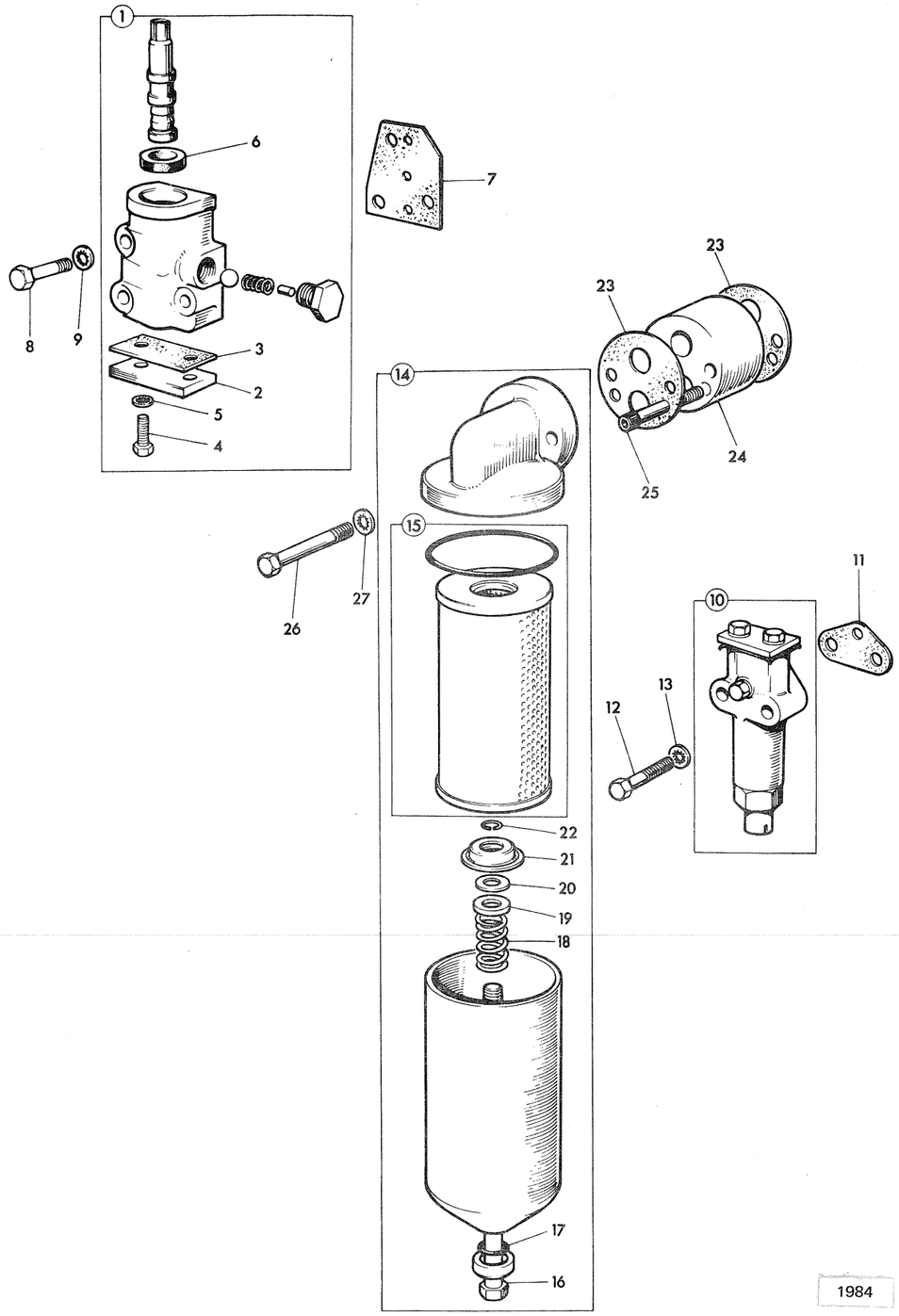


1023

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
34	446/09001 26560076	Superseded	:Element	....	1
35	N.S.P.	....	::Sealing Ring	....	1
36	446/09012	....	:Bolt	....	1
37	N.S.P.	....	:Collar	....	1
38	446/09004	....	:'O'Ring	....	1
39	446/09008	....	:Spring	....	1
40	446/09011	....	:Washer	....	1
41	446/09005	....	:Seal	....	1
42	446/09006	....	:Element Guide	... .	1
43	446/09007	....	:Snap Ring	....	1
44	N.S.P.	....	:Container	....	1
45	N.S.P.	....	:Filter Head	....	1
	813/00031	....	:Gasket	Filter Head	1
46	1305/3308	....	Bolt	....	2
	1418/0013	....	Washer	....	2

TC 5–1 FILTER AND VALVES

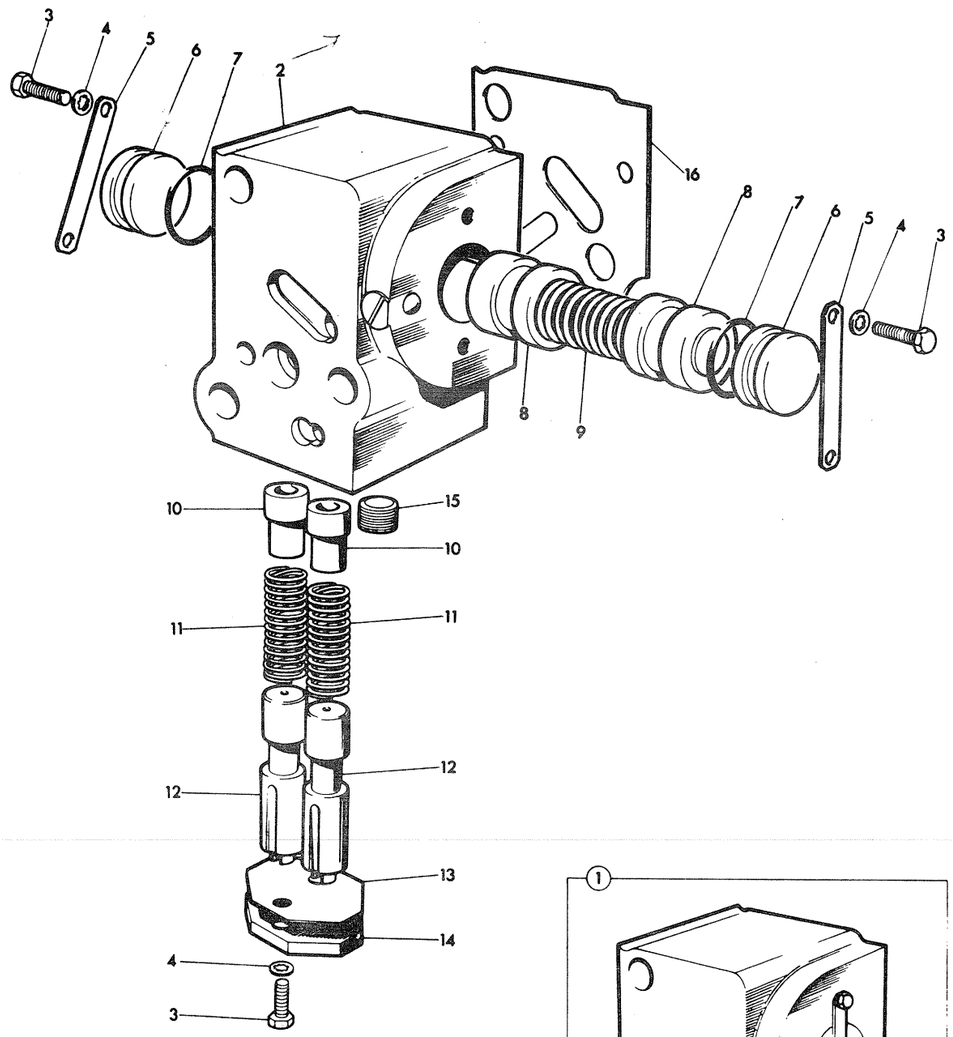
110M **ISSUE** 4



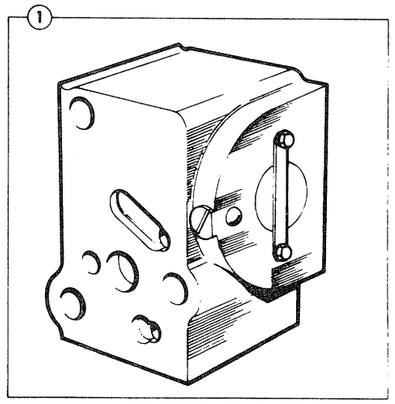
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/01800	....	Directional Valve	....	1
2	446/01801	....	:End Plate	....	1
3	446/01802	....	:Gasket	....	1
4	1305/0002	....	:Bolt	....	2
5	1418/0010	....	:Washer	....	2
6	446/01807	....	:Oil Seal	....	1
7	813/00027	....	Gasket	....	1
8	1305/3214 1305/3230	To TC0761	Bolt	....	3
9	1418/0012	....	Washer	....	3
10	446/01900 446/29300	Superseded	Pressure Valve	....	1
11	813/00028	....	Gasket	....	1
12	1305/3211	....	Bolt	....	2
13	446/01909 1418/0012	Superseded	Washer	....	2
14	446/18500	....	Filter	....	1
15	32/300301	....	:Element	....	1
16	32/300114	....	:Bolt	....	1
17	32/300113	....	:'O'Ring	....	1
18	32/300111	... .	:Spring	....	1
19	32/300310	....	:Washer	....	1
20	32/300106	....	:Seal	....	1
21	32/300105	....	:Guide	....	1
22	32/300104	....	:Snap Ring	....	1
23	813/00031	....	Gasket	....	2
24	446/19314	TC0468 on	Adapter-Inlet	....	1
25	1381/3212	TC0612 on	Capscrew	Correction was G520/20	2
26	1305/3308	To TC0467	Bolt	....	2
	822/00023 1305/3320	To TC0611	Stud	....	2
	1340/0303	To TC0611	Nut	....	2
27	1418/0013	....	Washer	....	2
28	2401/0107	....	Seal	... .	1

TC 5–2 MODULATING VALVE

110M **ISSUE** 3



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/29200 446/30100	Superseded	Modulating Valve	....	1
2	N.S.P.	....	:Body	....	1
3	446/29204	....	:Setscrew	... .	6
4	446/29205	....	:Shakeproof Washer	....	6
5	446/29203	....	:Retaining Strap	....	2
6	N.S.P.	....	:Bore Seal	....	2
7	446/29201 2405/0106	Superseded	:'O'Ring	....	2
8	N.S.P.	....	:Piston	....	2
9	446/29202	....	:Spring	....	1
10	N.S.P.	....	:Valve Stop	....	2
11	446/29206	....	:Spring	....	2
12	N.S.P.	....	:Shuttle Valve	....	2
13	813/00108	....	:Gasket	....	1
14	446/29207	....	:Cover Plate	....	1
15	446/19322	....	:Taper Pressure Plug	....	2
16	813/00034	....	:Gasket	....	

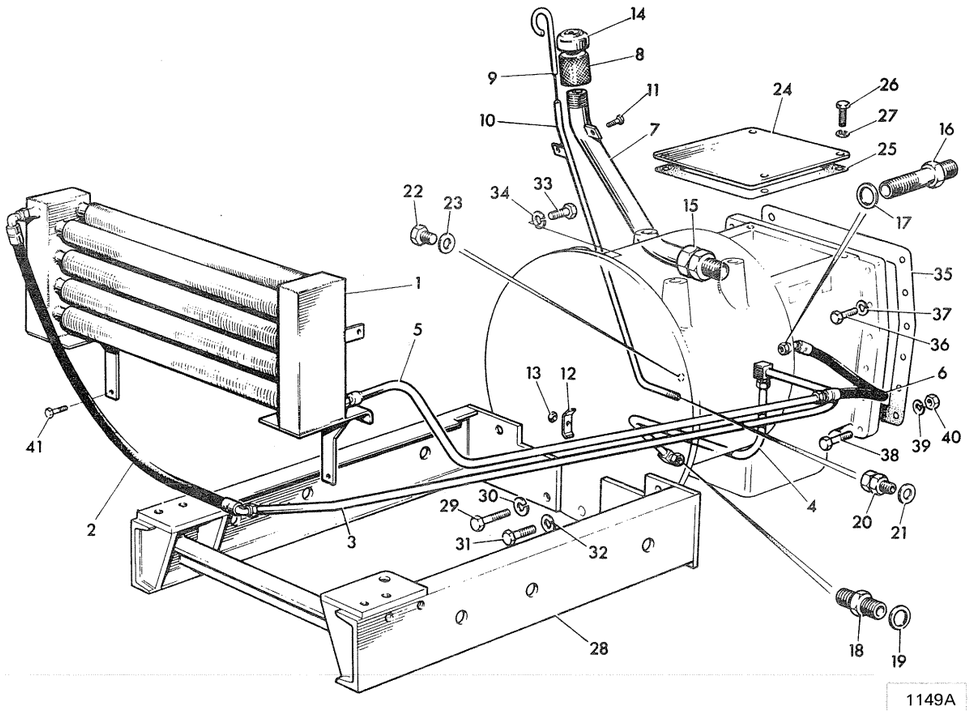


2510

TC

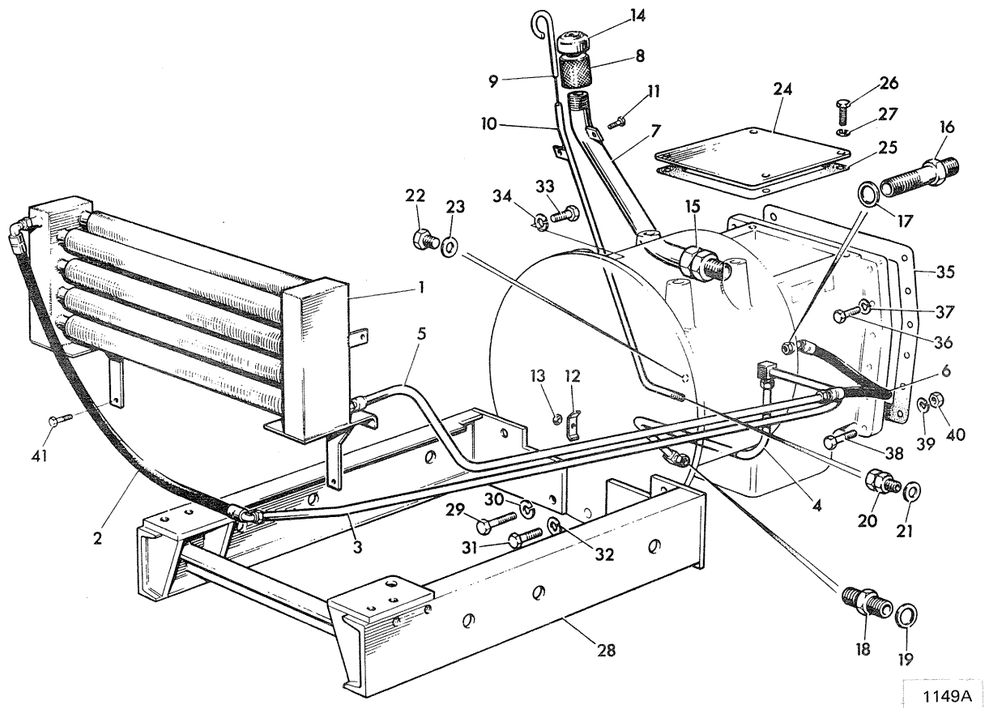
Page TC6 to TC8

TC 6 OIL COOLER & FITTINGS



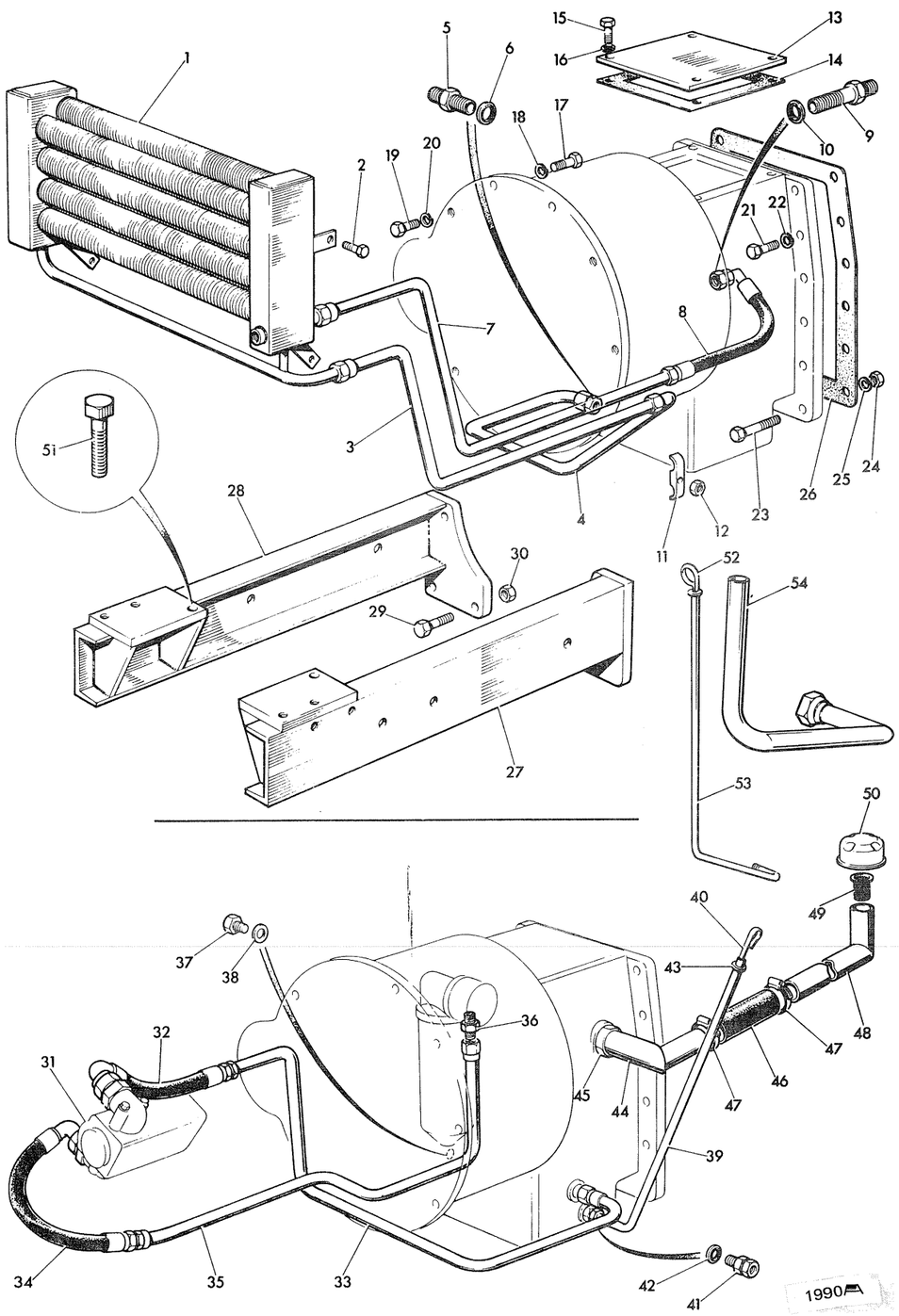
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 3cyl.	QTY. 4cyl.
1	446/12300	....	Oil Cooler	....	1	
	446/00400 446/12300	To M48652	Oil Cooler	....		1
2	613/20600	....	Hose	....	1	
	613/41900 613/20600	To M48652	Hose	....		1
3	446/11000	....	Pipe	....	1	
	446/03500	....	Pipe	....		1
4	446/02600	....	Pipe	....	1	1
5	446/10800	....	Pipe	....	1	
	446/03300	....	Pipe	....		1
6	613/20200 613/20100	Superseded	Hose	....	1	1
7	446/03600	....	Pipe	....	1	1
8	103/21313	....	Filler Cap	....	1	1
9	446/04200 446/07600	To TC0092	Dipstick	....	1	1
10	446/03700 446/07500	To TC0092	Tube	....	1	1
11	1305/0005	....	Bolt	....	1	1
	1340/0003	....	Nut	....	1	1
12	821/00010 821/00003	Superseded	Clamp	....	2	2
13	1340/0203	....	Nut	....	2	2
14	103/21314	....	Breather	....	1	1
15	816/00032	....	Adapter	....	1	1
16	816/00198	....	Adapter	....	1	1
17	1406/0017	....	:Seal	....	1	1
18	1604/0004	....	Adapter	....	1	1
19	1406/0017	....	Seal	....	1	1
20	816/00031 816/00033	To TC0092	Adapter	....	1	1
21	1406/0008 1406/0015	To TC0092	Seal	....	1	1
22	446/00224	....	Plug	....	2	2
23	1403/0001	....	Washer	....	2	2
	G8/3	....	Plug-Engine Plate	....	1	1
	1403/0006	....	Washer	....	1	1

TC 6 OIL COOLER & FITTINGS



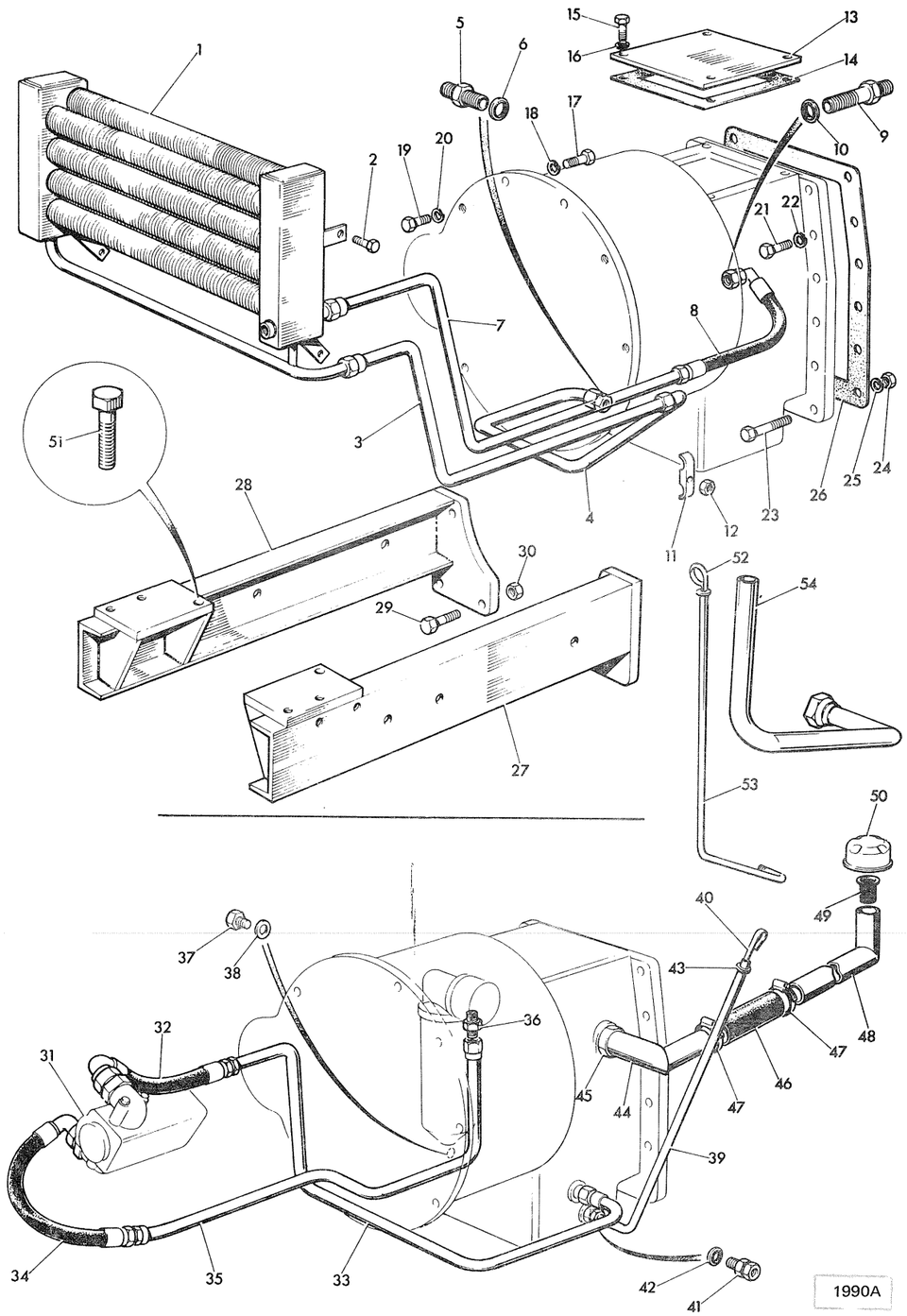
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. 3cyl.	QTY. 4cyl.
24	446/00235	....	Cover	....	1	1
25	446/00236	....	Gasket	....	1	1
26	1305/0406	....	Bolt	... .	4	4
27	1416/0008	....	Washer	....	4	4
28	446/10300	....	Engine Frame	One Piece	1	
	446/12400	....	Engine Frame	L.H.	1	
	446/12500	....	Engine Frame	R.H.	1	
	446/00500	....	Engine Frame	One Piece		1
	446/09100	....	Engine Frame	L.H.Was ATJ5191		1
	446/09200	....	Engine Frame	R.H.Was ATJ5190		1
29	ATJ 1071	... .	Bolt	....	6	6
30	LWN 208 1416/0008	Superseded	Washer	....	6	6
31	HNS 0811	....	Bolt	....	4	4
32	LWN 208 1416/0008	Superseded	Washer	....	4	4
	ATJ 5570	....	Dowel	....	2	2
33	HBN 0714 1305/3312	Superseded	Bolt	....	2	2
34	LWN 207 1416/0007	Superseded	Washer	....	2	2
35	ATJ 5565 988/00121	Superseded	Gasket	....	1	1
36	ATJ 1079	....	Bolt	....	6	6
37	LWN 209 1416/0009	Superseded	Washer	....	6	6
38	ATJ 5569 ATJ 7257	Superseded	Bolt	....	9	9
39	LWN 209 1416/0009	Superseded	Washer	....	9	9
40	ATJ 1081	....	Nut	....	9	9
41	1305/0106	....	Bolt	....	4	4

TC 6–1 OIL COOLER & FITTINGS



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/16000 ATJ 5257 ATJ 9204	Superseded To T190509	Oil Cooler	....	1
2	1305/0106	....	Bolt	....	4
3	446/17200 ATJ 5370 ATJ 3959 ATJ 9199 106/17900	Superseded Superseded To T190509 Superseded	Pipe	....	1
4	ATJ 5286 446/20000 614/21800	Superseded To M116027	Pipe Hose	446/20000 N/A Use 614/21800 with 1305/3616,107/83000,821/00007 & 1340/0203	1
5	816/00124 446/19331 1606/0017	To TC0467 Superseded	Adapter	....	1
6	1406/0018	....	Seal	....	1
7	446/17000 ATJ 5367 ATJ 9183 446/29500	Superseded To T190509 Superseded	Pipe	....	1
8	ATJ 5289 613/21600	Superseded	Hose	....	1
9	816/00198	....	Adapter	....	1
10	1406/0017	....	Seal	....	1
11	821/00010 821/00003	Superseded	Clamp	....	1
12	1340/0203	....	Nut	....	1
13	446/16121	....	Cover	....	1
14	446/16122 813/00033 446/00236	Superseded Superseded	Gasket	....	1
15	1305/0406	....	Bolt	....	4
16	1416/0008	....	Washer	....	4
17	HBN 0714 1305/3312	Superseded	Bolt	....	2
18	LWN 207 1416/0007	Superseded	Washer	....	2
19	HNS 0811 1305/0409	Superseded	Bolt	....	10
20	LWN 208 1416/0008	Superseded	Washer	....	10
21	ATJ 1079	....	Bolt	....	6
22	LWN 209 1416/0009	Superseded	Washer	....	6

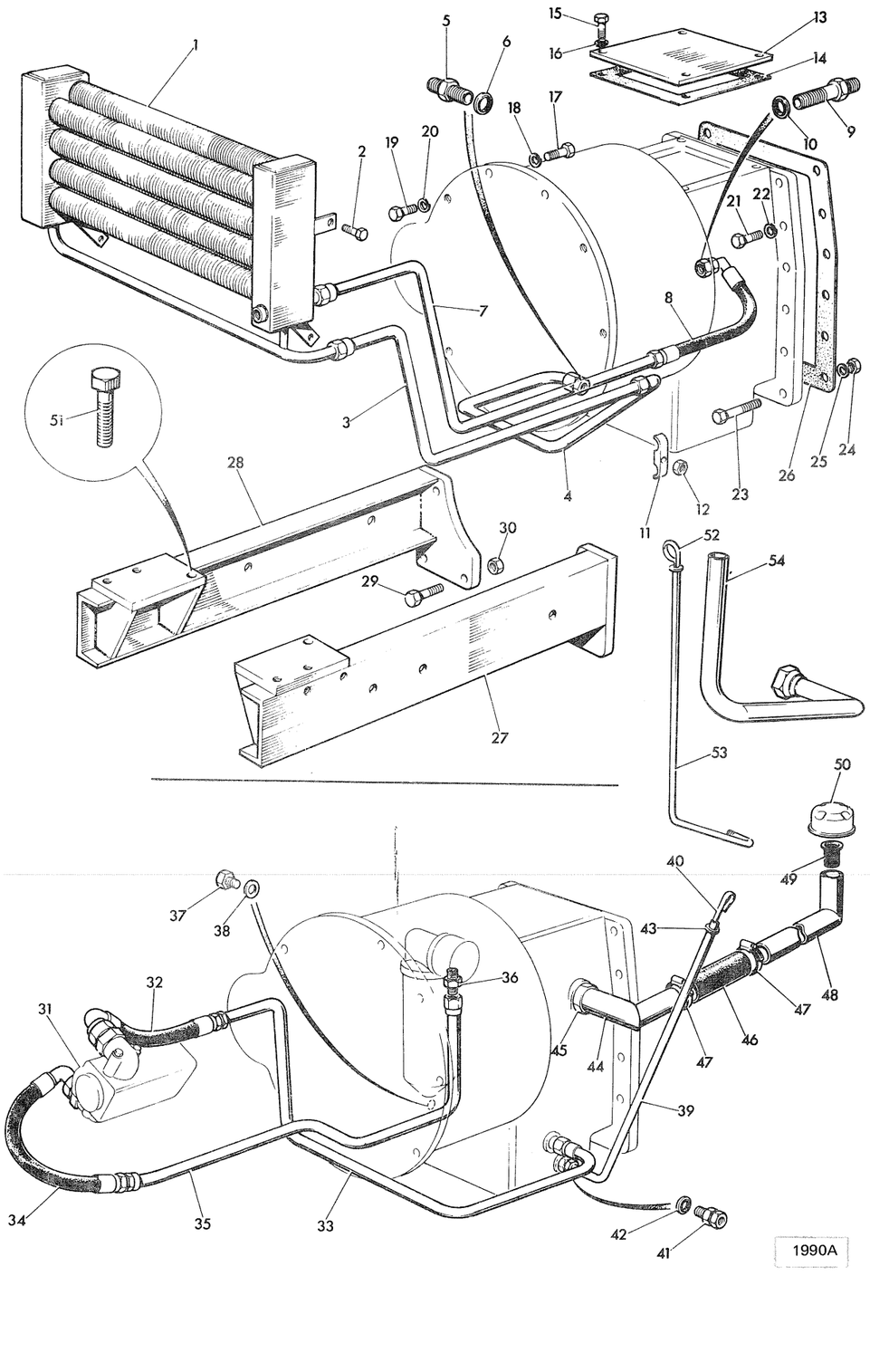
TC 6–1 OIL COOLER & FITTINGS



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
23	ATJ 5569 ATJ 7257	Superseded	Bolt	....	9
24	ATJ 1081	....	Nut	....	9
25	LWN 209 1416/0009	Superseded	Washer	....	9
26	ATJ 5565 988/00121	Superseded	Gasket	....	1
27	ATJ 5191 446/09100 ATJ 9194 106/17000	N/A Use To T190509 Superseded	Engine Frame L.H.	....	1
28	ATJ 5190 446/09200 ATJ 9236 106/19300	N/A Use To T190509 Superseded	Engine Frame R.H.	....	1
29	1305/3614	....	Bolt	....	6
30	1340/0603	....	Nut	....	6
31	See Page EA34.2	....	Pump	....	1
32	ATJ 5291 617/20100	Superseded	Hose	....	1
33	ATJ 5374 446/20500 446/30500	Superseded	Pipe-T/C Build 24111 Pipe-T/C Build 24115	....	1
34	615/20200 615/20100	To T205044	Hose	....	1
35	446/20600 ATJ 5384 108/66100	N/A Use To T205044	Pipe	....	1
36	ATJ 5288 816/00124	Superseded	Adapter	....	1
37	446/00224	....	Plug	....	1
38	1403/0001	....	Washer	....	1
39	655/00039 655/00076	To M105444	Dipstick Tube	....	1
40	ATJ 5282 446/17900 106/21400	Superseded To M105444	Dipstick	....	1
41	ATJ 5285 816/00033	Superseded	Adapter	....	1
42	1406/0015	....	Seal	....	1
43	G81/5 828/00056	Superseded	Grommet	....	1
44	ATJ 5279 446/18000	Superseded	Filler Tube	....	1

TC 6–1 OIL COOLER & FITTINGS

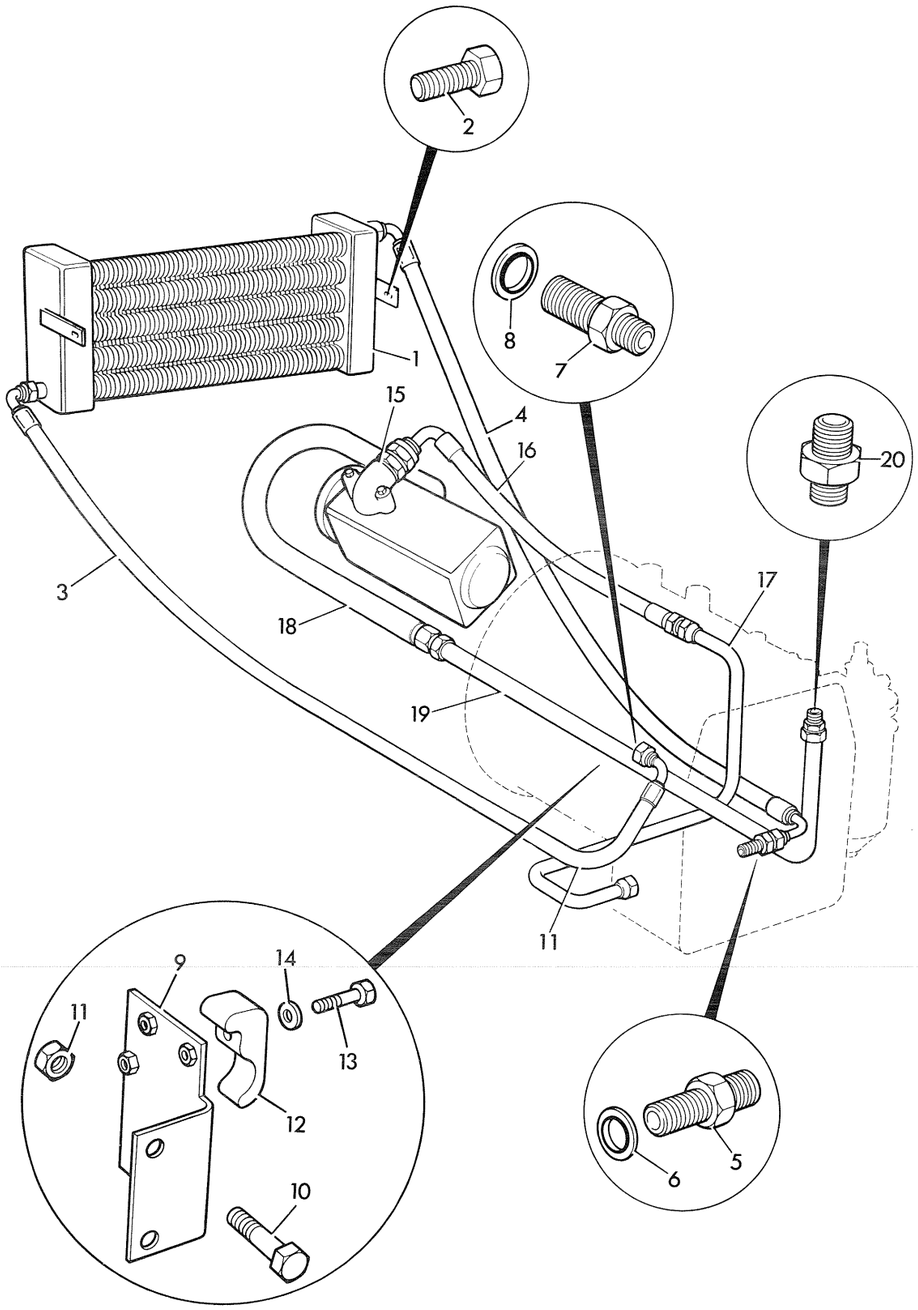
110M **ISSUE** 4



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
45	ATJ 5278 1356/0009	Superseded	Nut	....	1
46	648/00700	....	Hose	....	1
47	2201/0010	....	Clip	Was 2201/0012	2
48	446/20100	....	Filler Tube	....	1
49	446/16501 446/16502	Superseded	Strainer	....	1
50	446/16401 ATJ 5276	Superseded	Cap	....	1
51	1305/3618	....	Bolt	....	2
52	108/72400 108/83100 108/72502	Superseded Superseded	Dipstick	Swedish	1
53	665/00113	....	Tube	....	1
54	108/72200	....	Filler	....	1
55	1305/3616	....	Bolt	....	1
56	107/83000	....	Bracket	....	1
57	821/00007	....	Clamp	....	1
58	1340/0203	....	Nut	....	1

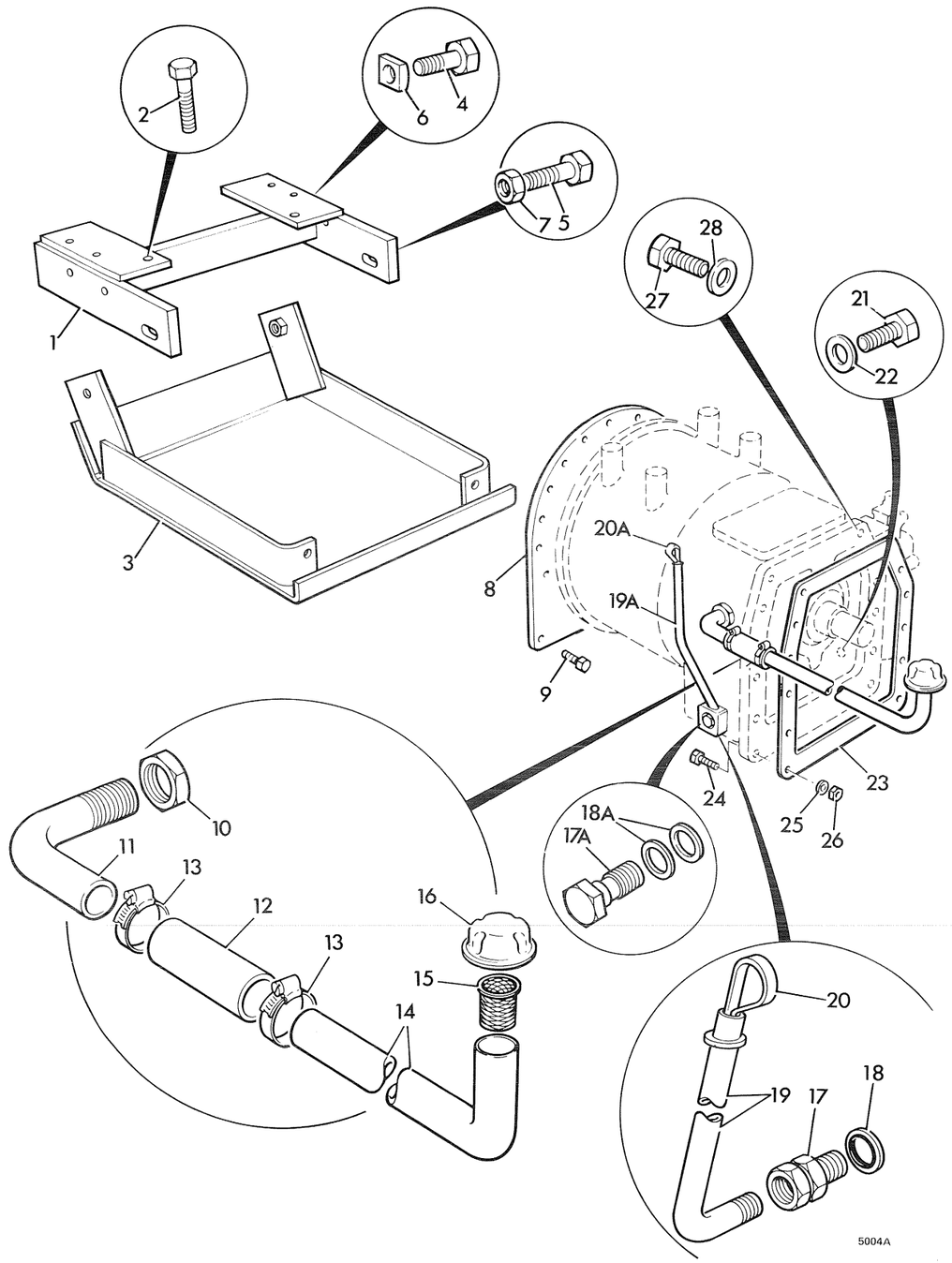
TC 6–2 HOSE & PIPEWORK T/C CIRCUIT

110M **ISSUE** 1

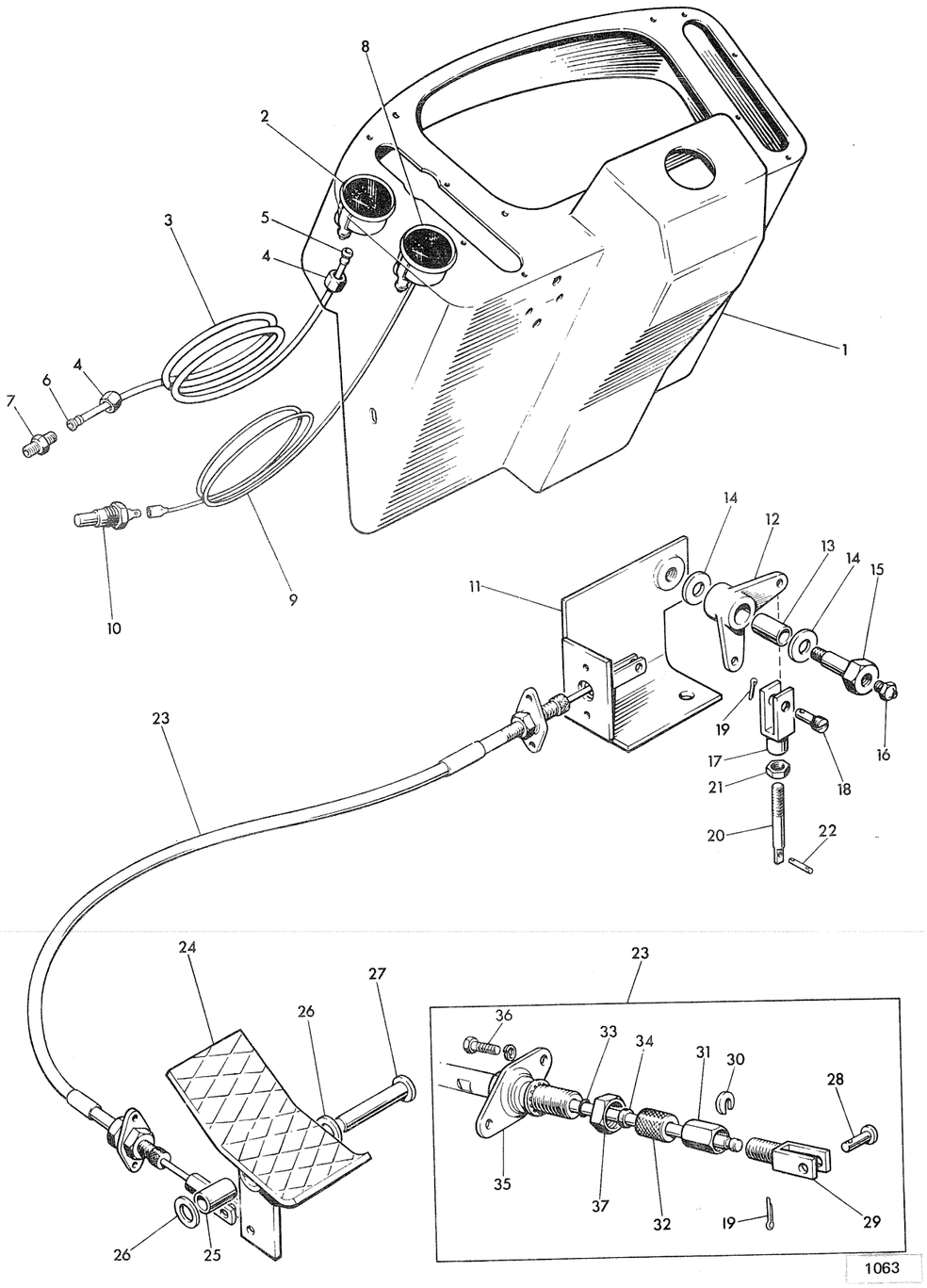


5003

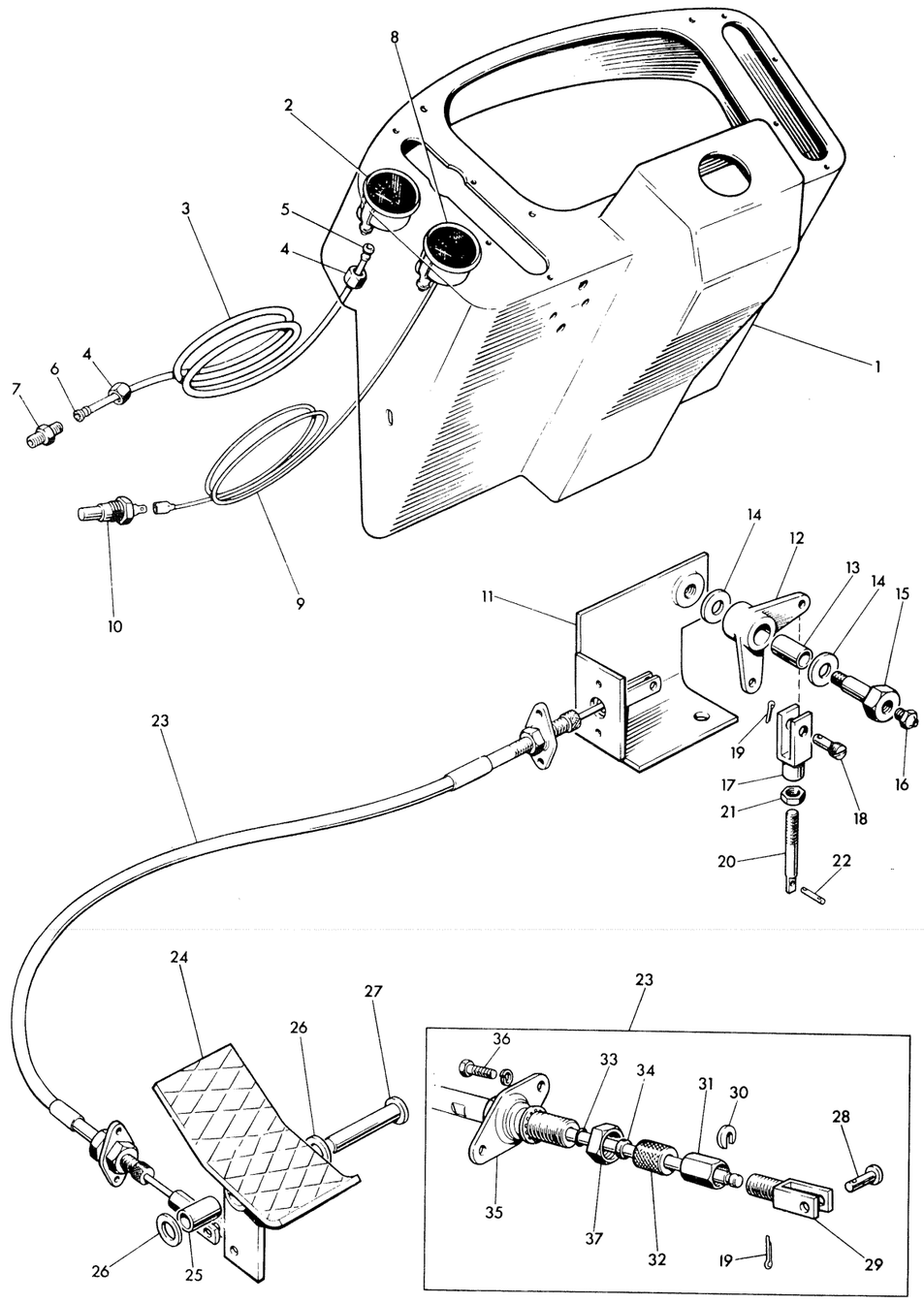
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	109/53500	....	Oil Cooler	....	1
2	1305/0106	....	Bolt	....	4
3	649/05300	....	Hose	....	1
4	649/05300	....	Hose	....	1
5	1606/0017	....	Adapter	....	1
6	1406/0018	....	Seal	....	1
7	816/00198	....	Adapter	....	1
8	1406/0017	....	Seal	....	1
9	109/58600	....	Bracket	....	1
10	1305/0610	....	Bolt-Top	....	1
11	1340/0603	....	Nut	....	1
12	821/00006	....	Clamp	....	1
13	1305/0214	....	Bolt	....	1
14	1416/0006	....	Washer	....	1
15	See Index H	....	Steering Pump	....	1
16	617/20100	....	Hose	....	1
17	446/30500	....	Pipe	....	1
18	615/20100	....	Hose	....	1
19	108/66100	....	Pipe	....	1
20	816/00124	....	Adapter	....	1



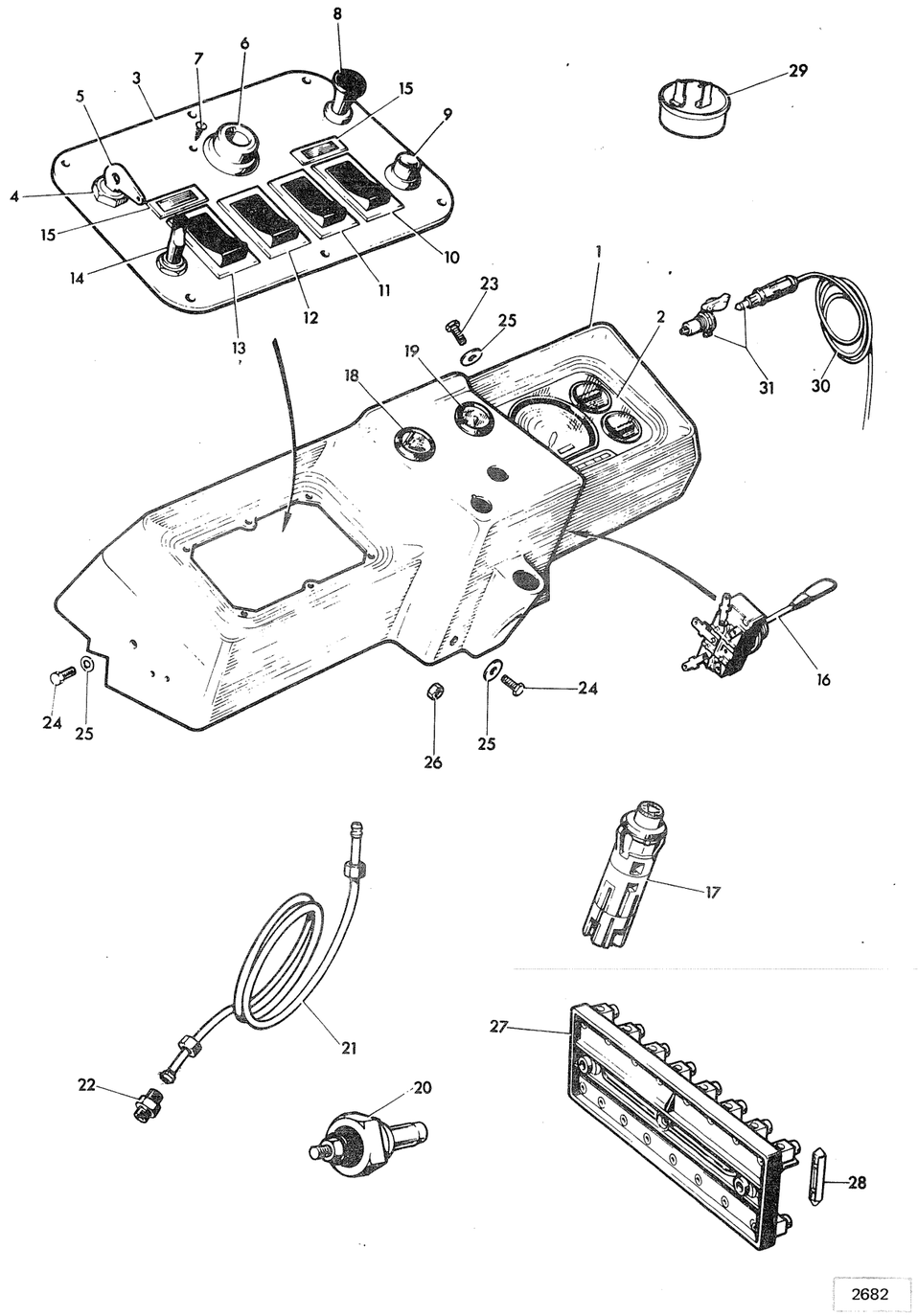
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY. m/c Assy.
1	109/58200	....	Engine Frame	....	1
2	1305/3612	....	Bolt	....	2
3	109/58300	....	Guard-Sump	....	1
4	1305/3718	....	Bolt	....	4
5	1305/3718	....	Bolt	....	2
6	823/00057	....	Washer	....	6
7	1340/0703	....	Nut	....	2
8	See Section F2-1-1		Plate	....	1
9	1305/3614	....	Bolt	....	1
10	1356/0009	....	Nut	....	1
11	446/18000	....	Tube	....	1
12	648/00700	....	Hose	....	1
13	2201/0010	....	Clip	....	2
14	446/20100	....	Tube	....	1
15	446/16502	....	Strainer	....	1
16	ATJ 5276	....	Cap	....	1
17	816/00037	To M	Adapter	....	1
17A	826/00484		Adapter		
18	1406/0015	To M	Seal	....	1
18A	823/00188		Seal		
19	655/00076	To M	Dipstick Tube	....	1
19A	107/86100		Dipstick Tube		
20	106/21400	To M	Dipstick	....	1
20A	107/86200 107/86001	Superseded	Dipstick	....	
21	446/00224	... .	Plug	....	1
22	1403/0001	....	Washer	....	1
23	ATJ 5565 988/00121	Superseded	Gasket	....	1
24	ATJ 7257	....	Bolt	....	9
25	1416/0009	....	Washer	....	9
26	ATJ 1081	....	Nut	....	9
27	ATJ 1079	....	Bolt	....	6
28	1416/0009	....	Washer	....	6



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/02901 446/08801 446/15801	48172 51005	Instrument Panel	With Cab	1
	446/02801 446/08802 446/15802	48172 51005	Instrument Panel	Without Cab	1
	677/00041	....	Spacer	....	1
	677/00050	....	Spacer	....	1
2	446/02802	....	Oil Pressure Gauge	....	1
3	106/73100	....	Oil Pressure	....	1
4	N.S.P.	....	:Nut	Was 200/54909	2
5	N.S.P.	....	:Adapter	Was 816/00088	1
6	N.S.P.	....	:Adapter	Was 816/00089	1
7	816/00087 1609/0001	Superseded	Adapter	....	1
8	446/02803 703/09400	Superseded	*Temperature Gauge	....	1
9	703/09100	....	Lead	....	1
	703/10500	....	Earth Lead	....	1
10	446/02804 703/09500	Superseded	*Temperature Sender Unit	....	1
11	446/02100	....	Mounting Plate	....	1
12	203/11714	....	Bellcrank Lever	....	1
13	203/11710	....	Bush	....	1
14	203/03209	....	Washer	....	2
15	446/02001	....	Pivot Bolt	....	1
16	G15/0 1450/0001	Superseded	Grease Nipple	....	1
17	103/39300	....	Clevis	....	1
18	L5/806	....	:Pin	....	1
19	G3/22 2103/0505	Superseded	Split Pin	....	3
20	446/02002	....	Link	....	1
21	1340/0202	....	Nut	....	1
22	446/02003	....	Link Pin	....	1
23	910/00016	....	Cable	....	1
24	446/02200	....	:Pedal	....	1
25	446/02005	....	:Bush	....	3
26	G14/49 1416/0005	Superseded	:Washer	....	3



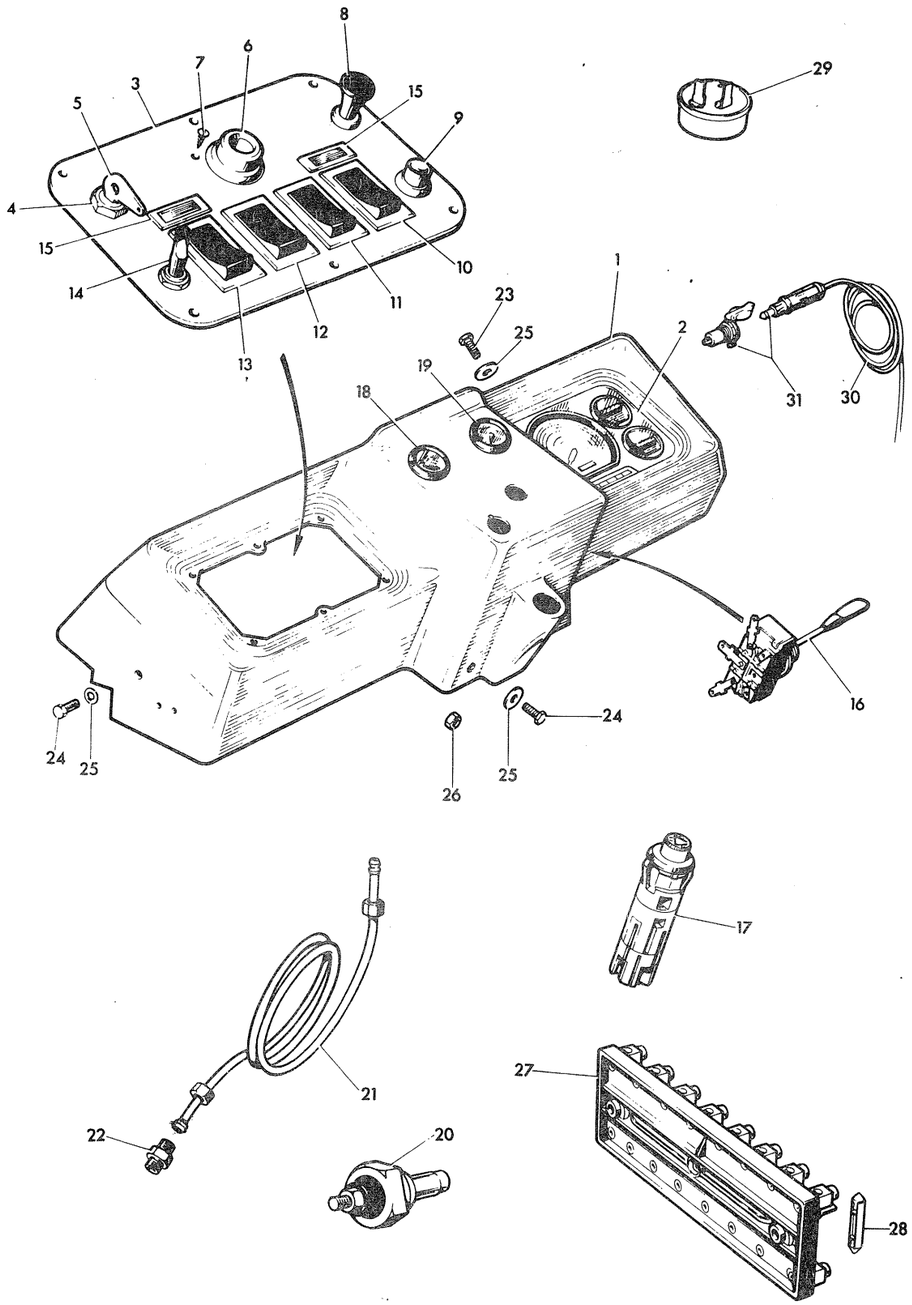
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
27	446/02004	....	:Pivot Pin	....	1
28	202/18406	....	:Pin	....	2
29	202/18401	....	:Clevis	....	2
30	202/18404	....	:'C' Washer	....	2
31	202/18403	....	:Swivel Nut	....	2
32	202/18405	....	:Gland Nut	....	2
33	G2/65 828/00012	Superseded	:'O'Ring	....	2
34	202/18410	....	:Felt Washer	....	2
35	202/18408	....	:Adapter Plate	....	2
36	1360/0204	....	:Bolt	....	4
	G16/4 1416/0003	Superseded	:Washer	....	4
37	202/18409	... .	:Nut	....	2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/19401 106/81601	Superseded M52478 on	Panel Surround	With Cab	1
	446/19402	M52478 on	Panel Surround	Without Cab	1
2	See Page Mk11-1	....	Instrument Cluster	....	1
3	106/81604	....	Switch Panel	....	1
	106/81605	....	Switch Panel	When Lighter is fitted	1
	106/81602	....	Rivet	Panel to Surround	6
4	707/03200 701/02600	Superseded	Starter Switch	....	
5	37H 1548 988/00177	Superseded	Key	....	1
6	N.S.P.	....	Cigarette Lighter	....	1
7	G88/6 1430/0105	Superseded	Screw	Lighter to Panel	2
8	103/75400 910/07900	Superseded	Engine Stop Control	....	1
9	ATJ 2066 BMK622	Superseded	Horn Push	....	1
	G81/16 2401/1008	Superseded	Grommet	Horn Push Blanking	1
10	703/13900	....	Switch	Front Working Light	1
11	703/14600	....	Dipswitch	....	1
12	703/14500	....	Switch	Side & Headlight	1
13	703/14400	....	Switch	Rear Working Light	1
14	707/07800	....	Heater Switch	....	1
15	703/14100	....	Warning Light	....	2
16	703/14000	....	Indicator Switch	....	1
17	529/04703	....	Hazard Warning Switch	....	1
18	703/09400	....	Oil Temperature Gauge	....	1
19	446/02802	....	Oil Pressure Gauge	....	1
20	703/02804 703/09500	Superseded	Sender Unit	Oil Temperature Gauge	1
21	106/73100	....	Oil Pressure Pipe	....	1
22	816/00087 1609/0001	Superseded	Adapter	Oil Pressure Gauge	1
23	1305/0003	....	Set Pin	....	2
24	1305/0005	....	Set Pin	....	4
25	1412/0001	... .	Washer	....	6
26	1340/0003	....	Nut	....	2
27	703/14200	....	Fuse Carrier	....	1
28	703/07802	....	Fuse 8 to 16 Amp	....	8

TC 7A INSTRUMENT PANEL TORQUE CONVERTER

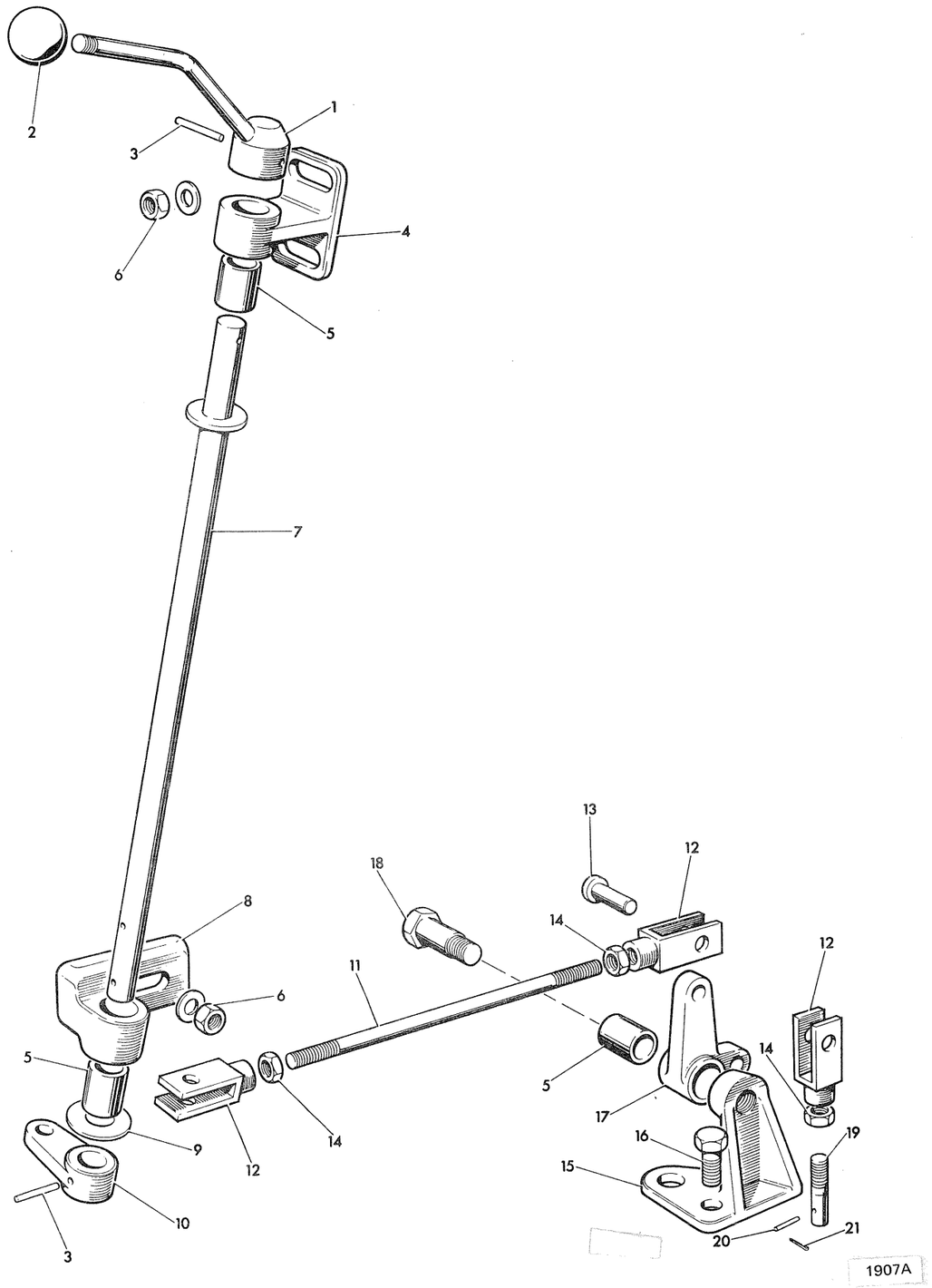
110M **ISSUE** 1



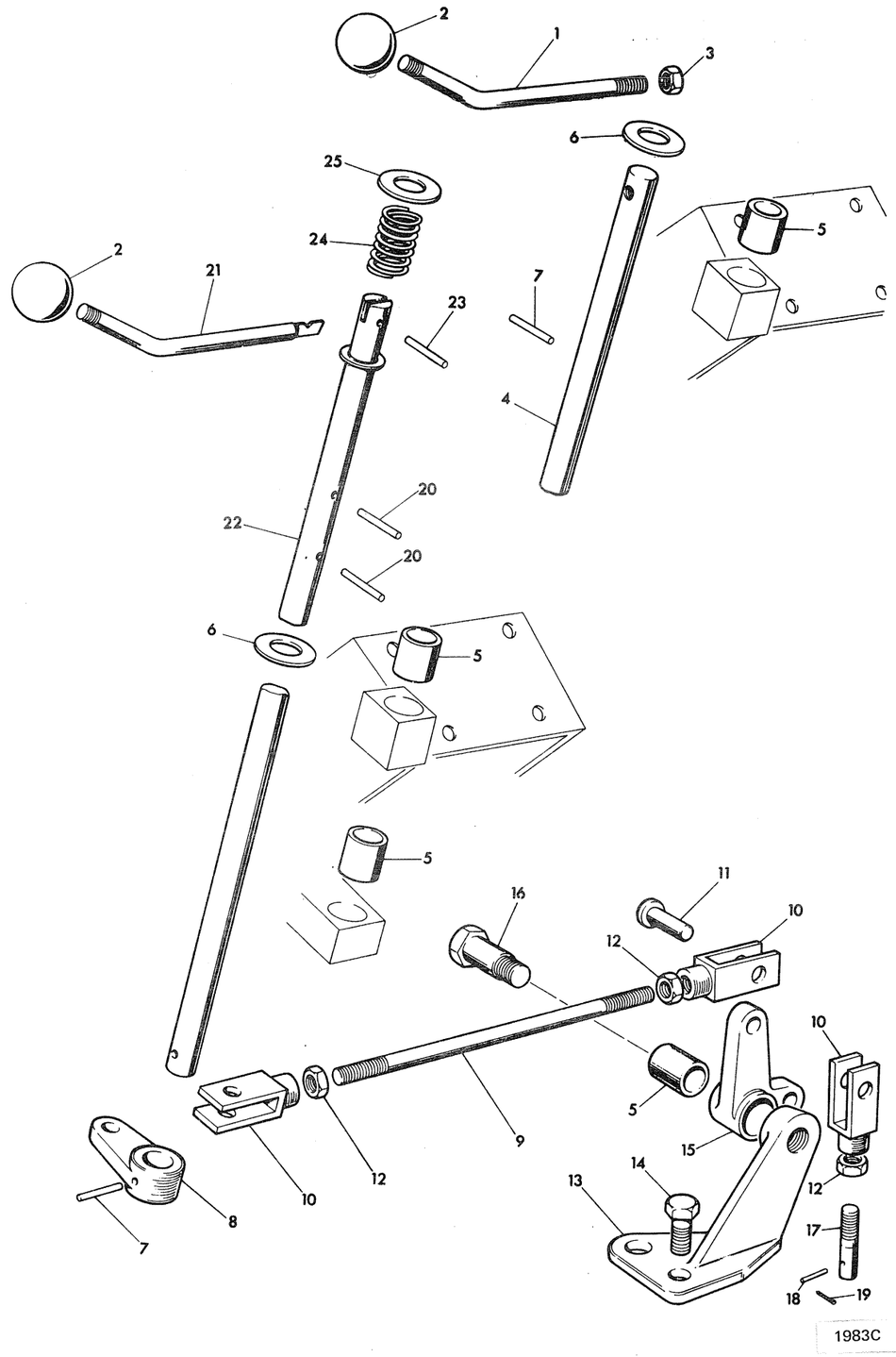
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
29	703/20100	....	Flasher Unit	12V 42W	1
	703/17900 703/29000	M61767	Flasher Unit	12V x 3 x 18W 12V x 48W	1
30	703/16400 703/24100	M61767	Kettle Lead	....	1
31	703/16500 703/30700	M61767	Kettle Plug & Socket	....	1

2682

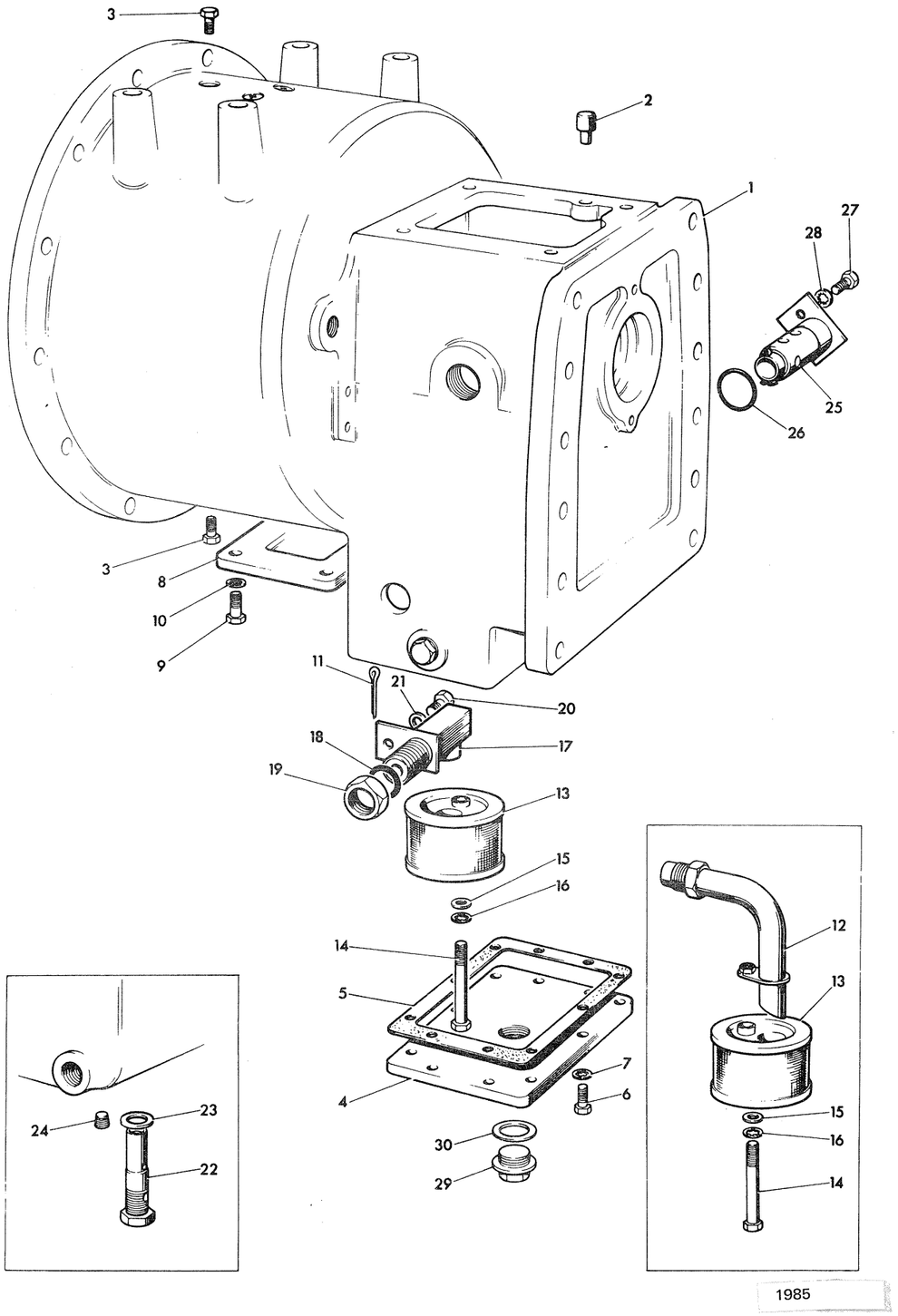
TC 7–1 CONTROL



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/15600	....	Lever	....	1
2	446/15501	....	Knob	....	1
3	2102/0715	... .	Tension Pin	....	3
4	446/15503	....	Bracket	....	1
5	446/15505	....	Bush	....	3
6	1340/0203	....	Nut	....	3
	1411/0003	....	Washer	....	3
7	446/15700	....	Rod	....	1
8	446/15504	....	Bracket	....	1
9	1411/0007	....	Washer	....	1
10	446/15507	....	Arm	....	1
11	446/15506	....	Rod	....	1
12	103/39300	....	Clevis and Pin	....	3
13	L5/806	....	:Clevis Pin	....	3
14	1340/0202	....	Nut	....	3
15	446/15510	....	Mounting Bracket	....	1
16	1305/0408	....	Bolt	....	1
17	446/15508	....	Lever	....	1
18	446/15509	....	Pivot Bolt	....	1
19	446/15511	... .	Link	....	1
20	446/02003	....	Link Pin	....	1
21	G3/14 2103/0306	Superseded	Split Pin	....	2



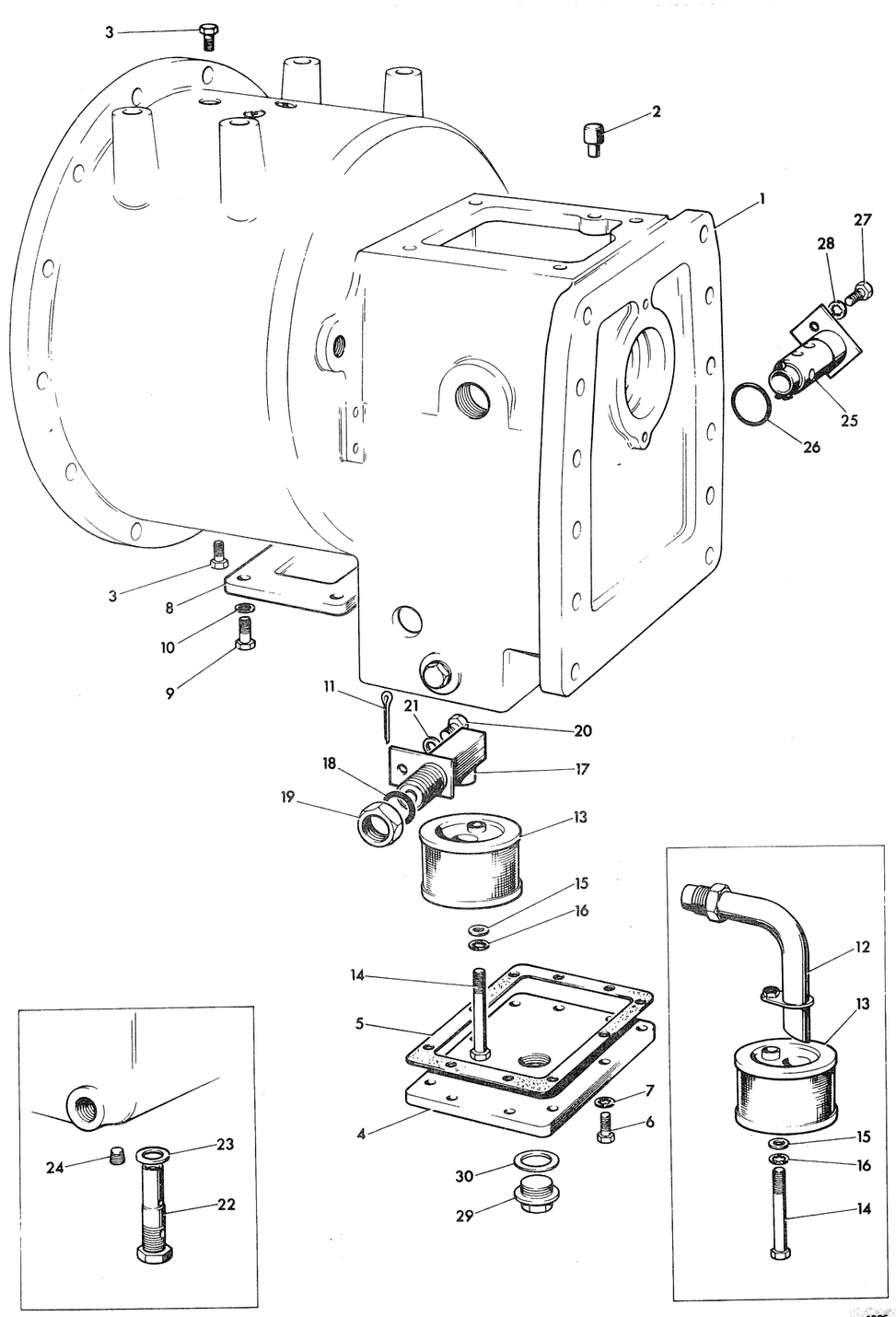
ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/19701	....	Lever	....	1
2	446/15501	....	Knob	....	1
3	1340/0202	....	Nut	....	1
4	446/19702	....	Rod	....	1
5	446/15505	....	Bush	....	3
6	1411/0007	....	Washer	....	1
7	2102/0715	....	Tension Pin	....	3
8	446/19703	....	Arm	....	1
9	446/19705	....	Rod	....	1
	446/19704 To M 446/19709		Rod	When modulating valve fitted	1
10	103/39300	....	Clevis Assembly	....	3
11	L5/806	....	:Clevis Pin	....	3
12	1340/0202	....	Nut	....	3
13	446/15510 ...	....	Mounting Bracket	....	1
	446/19706 To M 446/19708		Mounting Bracket	When modulating valve fitted	1
14	1305/0408	....	Bolt	....	1
15	446/15508	....	Lever	....	1
16	446/15509	....	Pivot Bolt	... .	1
17	446/15511	....	Link	....	1
18	446/02003	....	Link Pin	....	1
19	2103/0306	....	Split Pin	....	1
20	2103/0507	....	Split Pin		1
21	446/28201	....	Lever		1
22	446/28300	....	Rod		1
23	2102/0415	....	Tension Pin	German m/c only	1
24	446/28203 ...	....	Spring		1
25	446/28202	....	Washer		1



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	N.S.P. 446/16106 446/19311	To TC0424 To TC0467	Main Case-Was 446/01600	See Note #	1
2	446/16101 446/19324	Superseded	Dowel	....	1
3	1305/0204	....	Bolt	....	2
4	446/19318	....	Sump Cover	....	1
5	813/00030	....	Gasket	....	1
6	1305/0204	....	Bolt	Correction was 1305/0208	9
7	1418/0012	....	Washer	....	9
8	446/19320	....	Cover	....	1
9	1305/0004	....	Bolt	....	6
10	1418/0010	....	Washer	....	6
11	2103/0711	....	Split Pin	Was G3.39	1
12	446/16107 446/19203	Superseded	Suction Pipe	....	1
13	446/16108 446/19326 446/19204	Superseded Superseded	Suction Strainer	....	1
14	1305/3122	....	Bolt	....	1
15	446/16109 1411/0002	Superseded	Washer	....	1
16	446/16110 1418/0011	Superseded	Shakeproof Washer	....	1
17	446/19312 446/19330	Superseded	Strainer Bracket	TC 0468 on	1
18	446/19313 828/00019	Superseded	'O'Ring	....	1
19	1356/0006	....	Nut	....	1
20	1305/0102	....	Bolt	....	1
21	447/16109	....	Washer	....	1
22	From 446/08900	TC 0129 To TC 0424	Lubrication Valve	....	1
23	446/08906	....	Washer	....	1
24	446/01607	....	Plug	....	1
25	446/18400	....	Lubrication Valve	From Conv.0425	1
26	828/00020 2401/0205	Superseded	'O' Ring	....	1
27	1305/0204	....	Bolt	....	1
28	1418/0012	....	Washer	....	1

TC 8 MAIN CASE

ISSUE 2



ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
29	446/00222 446/19310	Superseded	Plug	....	1
30	446/00223 1403/0006	Superseded	Washer	....	1
31	446/19336	....	Pipe-Oil Feed to Reaction Sleeve	Not illustrated	1

NOTE: When Supplying Main Case for Transmissions prior to serial number 0128, Lubrication valve 446/08900 and washer 446/08906 must be included.

1985

1985

ISSUE

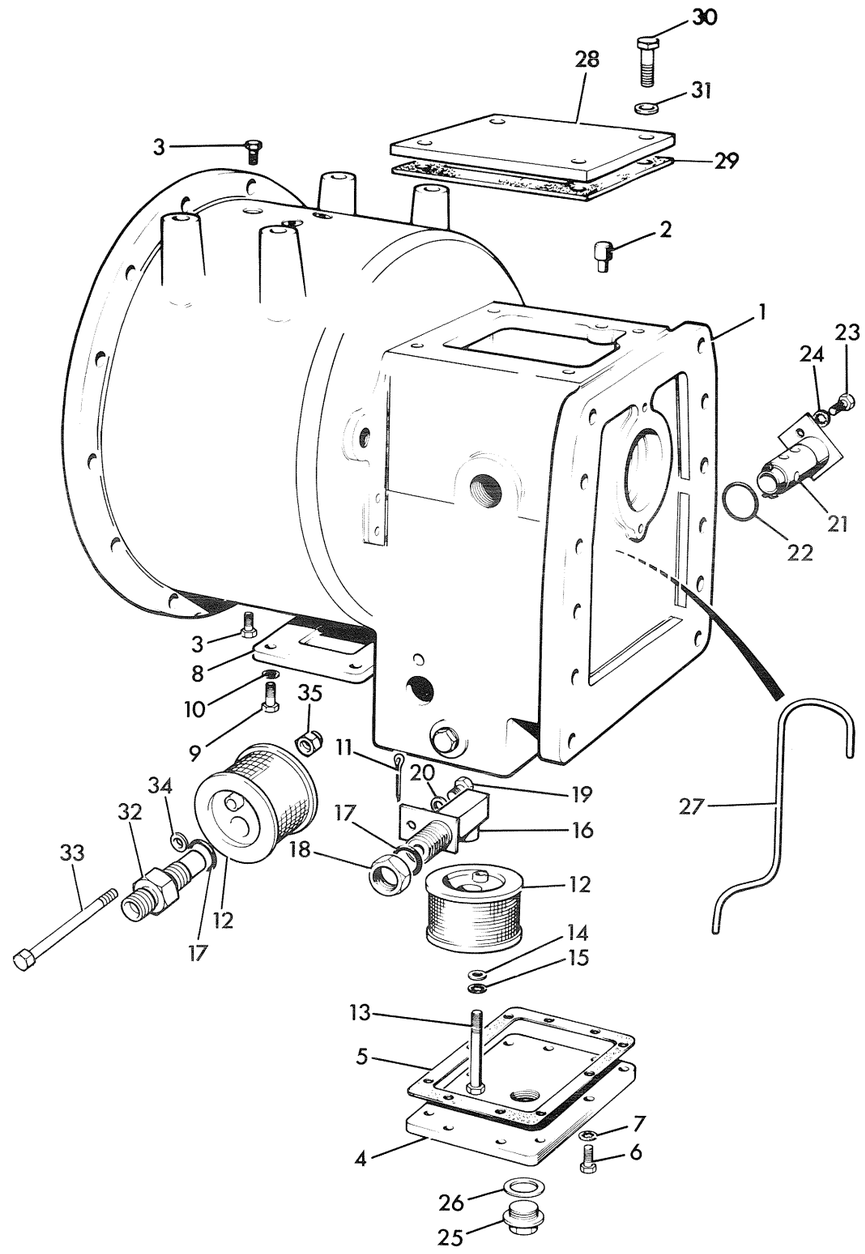
TC

Page TC 8-1 only

TC 8-1 MAINCASE

4685A

110M **ISSUE** 2



4685A

ITEM	PART No.	CHANGE No.	DESCRIPTION	REMARKS	QTY.
1	446/19311	....	Main Case	....	1
2	446/19324	....	Dowel	....	1
3	1305/0204	....	Bolt	....	2
4	446/19318	....	Sump Cover	....	1
5	813/00030	....	Gasket	....	1
6	1305/0204	....	Bolt	....	9
7	1418/0012	....	Washer	....	9
8	446/19320	....	Cover	....	1
9	1305/0004	....	Bolt	....	6
10	1418/0010	....	Washer	....	6
11	2103/0711	....	Split Pin	....	1
12	446/19204	....	Suction Strainer	....	1
13	1305/3122		Bolt	....	1
14	1411/0002	To TC10313	Washer	.... 2411 Series	1
15	1418/0011		Shakeproof Washer	....	1
16	446/19330		Strainer Bracket	....	1
17	828/00019 1406/0026	To TC10312	'O'Ring Seal	....	1
18	1356/0006	....	Nut	....	1
19	1305/0102	....	Bolt	....	1
20	447/16109	....	Washer	....	1
21	446/18400	....	Lubrication Valve	....	1
22	2401/0205	....	'O'Ring	....	1
23	1305/0204	....	Bolt	....	1
24	1418/0012	....	Washer	....	1
25	446/00222 446/19310	Superseded	Plug	....	1
26	1403/0006	....	Washer	....	1
27	446/19336	....	Pipe	....	1
28	446/16121	....	Cover	....	1
29	813/00033 446/00236	Superseded	Gasket	....	1
30	1305/0406	....	Bolt	....	4
31	1416/0008	....	Washer	....	4
32	446/19338		Adapter	....	1
33	1305/3130	TC10314 on	Bolt	.... 24115 Series	1
34	1406/0006		Seal	....	1
35	1340/0103		Nut	....	1

End of Section TC