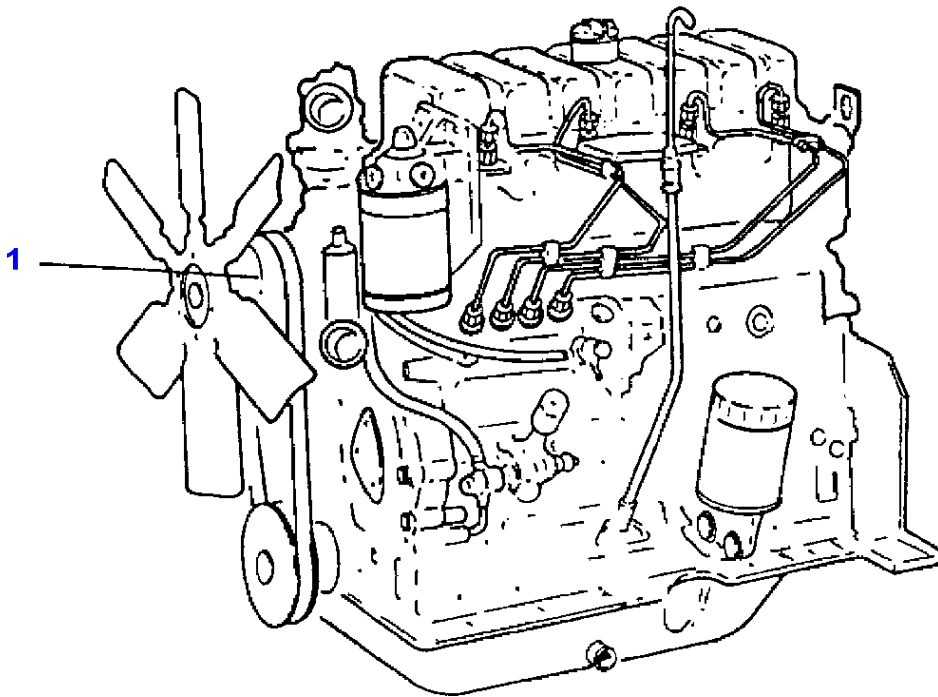


B-0001-076-A



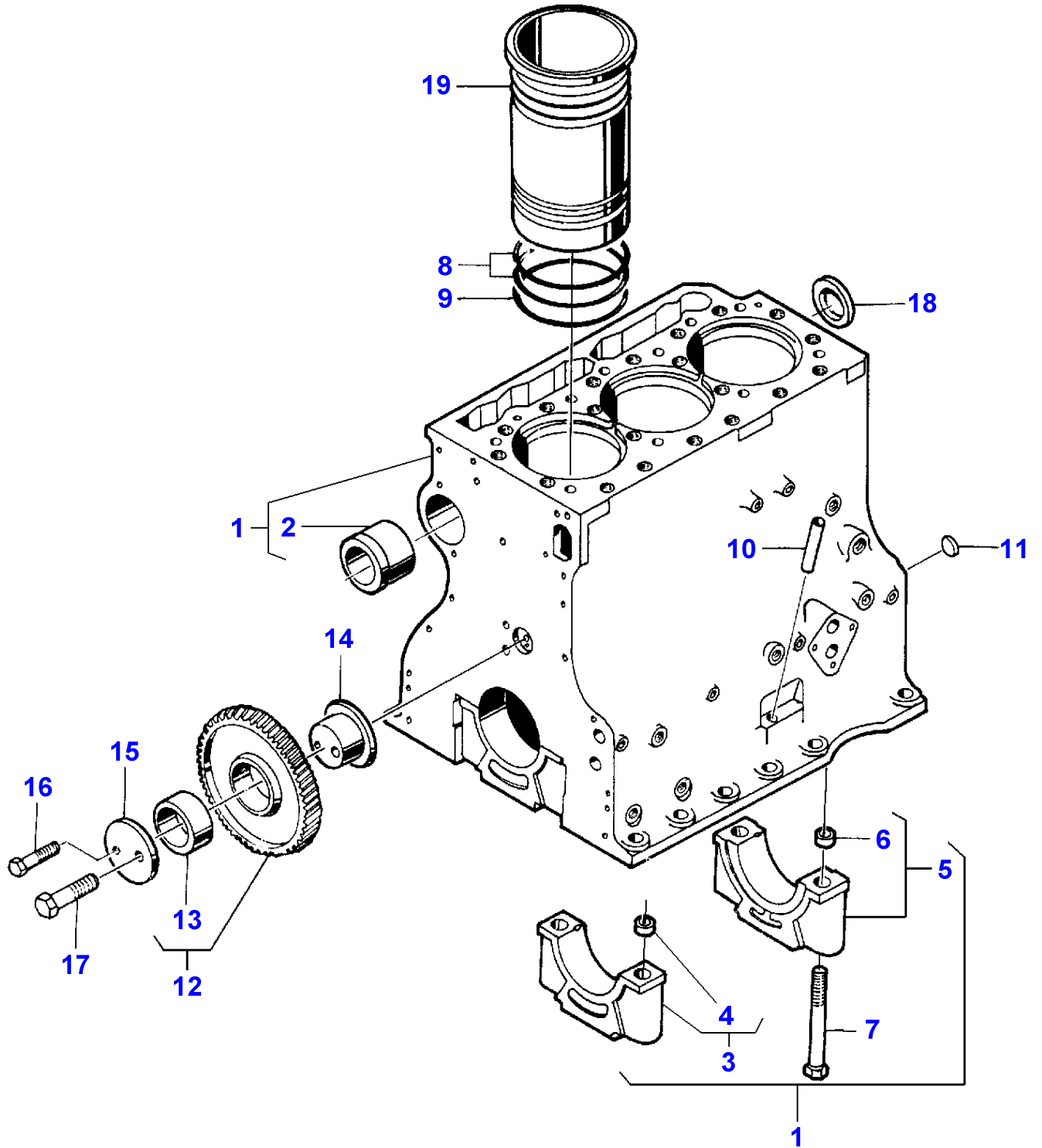
**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219****1637219**

SECTION DIVIDER - ENGINE 311DSL

**1**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311DSL
1	D46495300	1	Engine	311DSL MF21

1-HB02-008-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219**

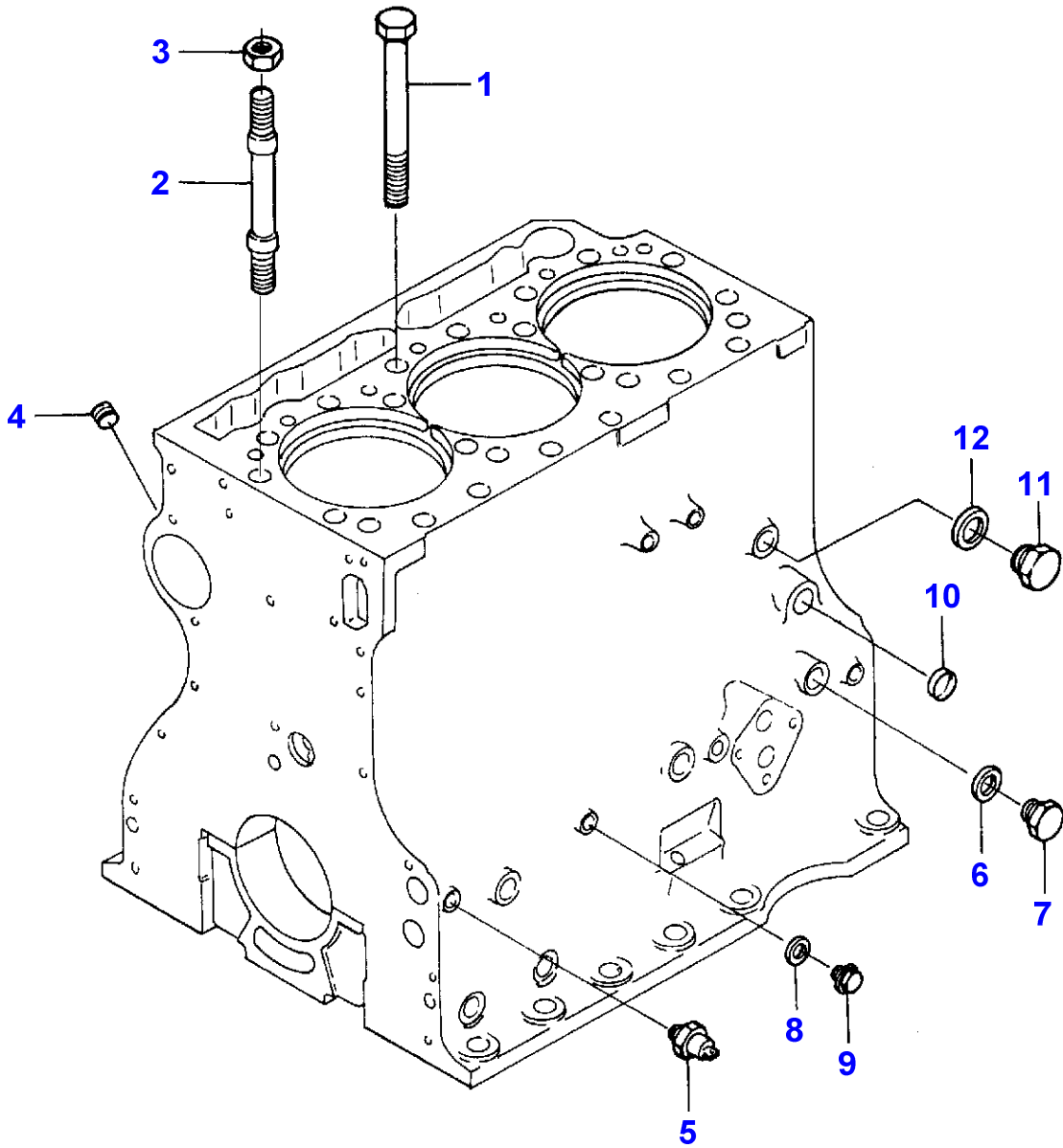
1637219

**CYLINDER BLOCK - ENGINE 311 DSL**

2

Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V836424192	1	Cylinder Block	
2	V835346889	1	Bush	(1)
3	V836324757	3	Bearing Carrier	(1)
4	V836214478	1	Bush	(3)
5	V836324756	1	Bearing Carrier	(1)
6	V836214478	10	Bush	(5)
7	V529903180	8	Screw	(1)
8	V835322233	6	O Ring	
9	V835336903	3	O Ring	
10	V836014334	1	Pipe	
11	V640016016	3	Plug	
12	V836129863	1	Gear	
13	V836129844	1	Bush	(12)
14	V836129709	1	Shaft	
15	V836129845	1	Flange	
16	V528801860	1	Screw	
17	V529902680	1	Screw	
18	V836529872	1	Plug	
19	V835322787	3	Liner	
	V835329829	X	Liner	Thickness 9,08
	V835329830	X	Liner	Thickness 9,13
	V835329831	X	Liner	Thickness 9,23

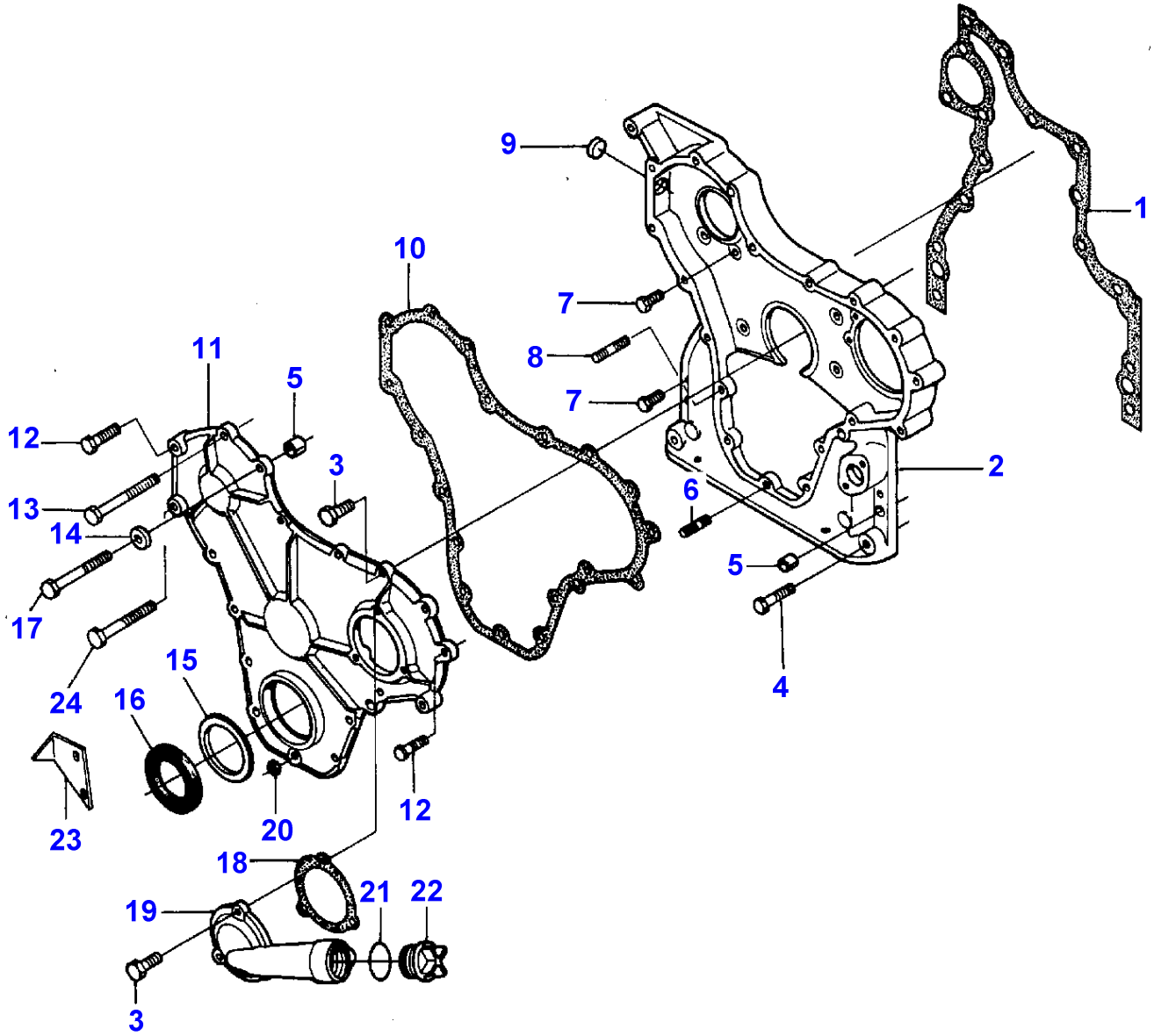
1-HB02-009-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219****1637219****CYLINDER BLOCK - EQUIPMENT - ENGINE 311 DSL****3**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				EQUIPMENT - ENGINE 311 DSL
1	V529902800	18	Screw	
2	V836122992	2	Bush	
3	V836006794	2	Nut	
4	V640025010	1	Plug	
5	V887283760	1	Switch	
6	V615881620	1	Seal	
7	V836119079	1	Plug	
8	V615571014	2	Seal	
9	V640325110	2	Plug	
10	V640016020	1	Plug	
11	V836019756	1	Plug	
12	V615881822	1	Seal	

1-HB03-006-B



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219**

1637219

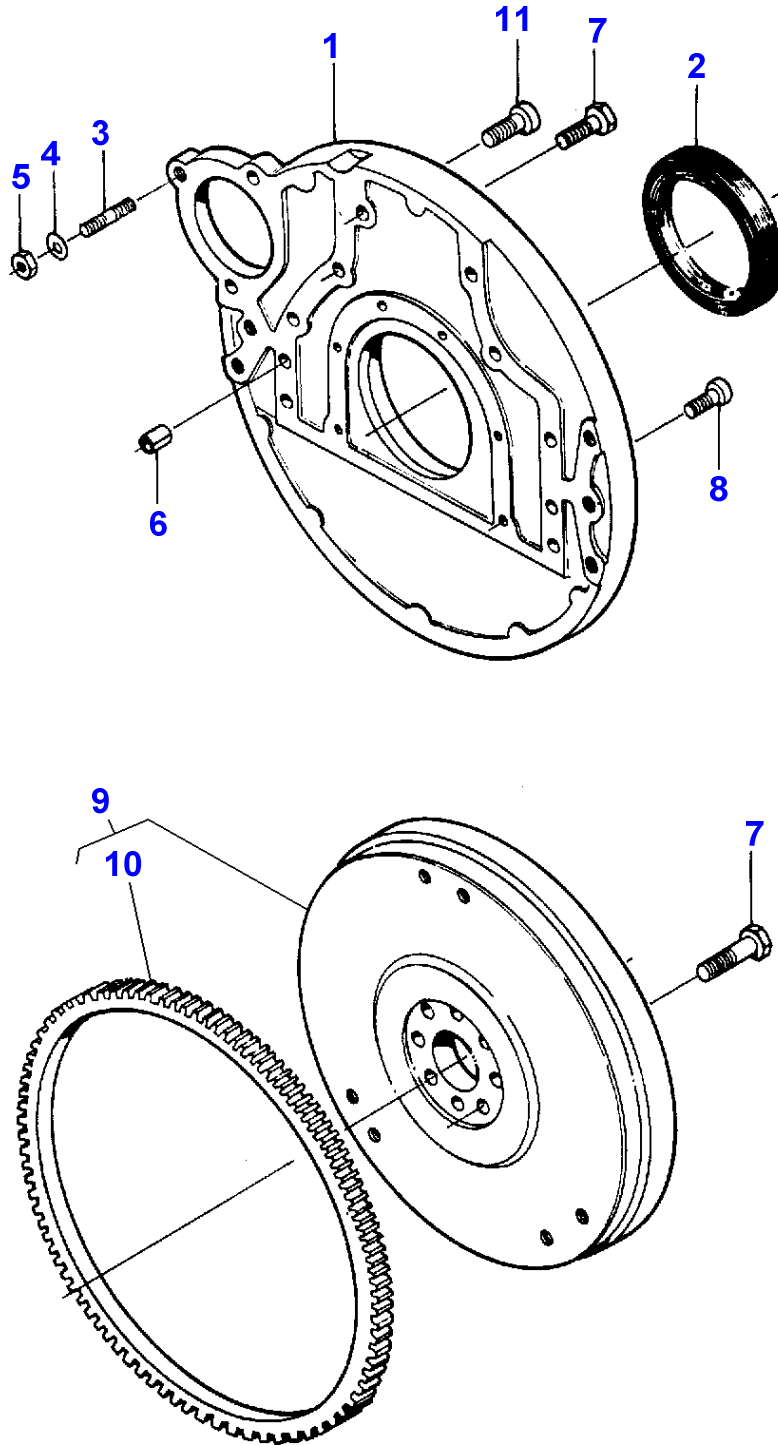
**TIMING GEAR HOUSING - ENGINE 311 DSL**

4

Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V836112390	1	Gasket	
2	V836129689	1	Housing	
3	V528801380	6	Screw	
4	V529801440	2	Screw	
5	V598359850	4	Pin	
6	V546801380	4	Stud	
7	V528801400	8	Screw	
8	V546801400	1	Bolt	
9	V640016016	1	Plug	
10	V836129942	1	Gasket	
11	V836129697	1	Cover	
12	V528801420	3	Screw	
13	V529801500	2	Screw	
14	V836120989	1	Washer	
15	V836129782	1	Chock	
16	V614105880	1	Seal	
17	V529801470	3	Screw	
18	V836129946	1	Gasket	
19	V835338326	1	Pipe	
20	V504800800	5	Nut	
21	V614603540	1	O Ring	
22	V836017927	1	Plug	
23	V836136703	1	Marker	
24	V529801480	1	Screw	



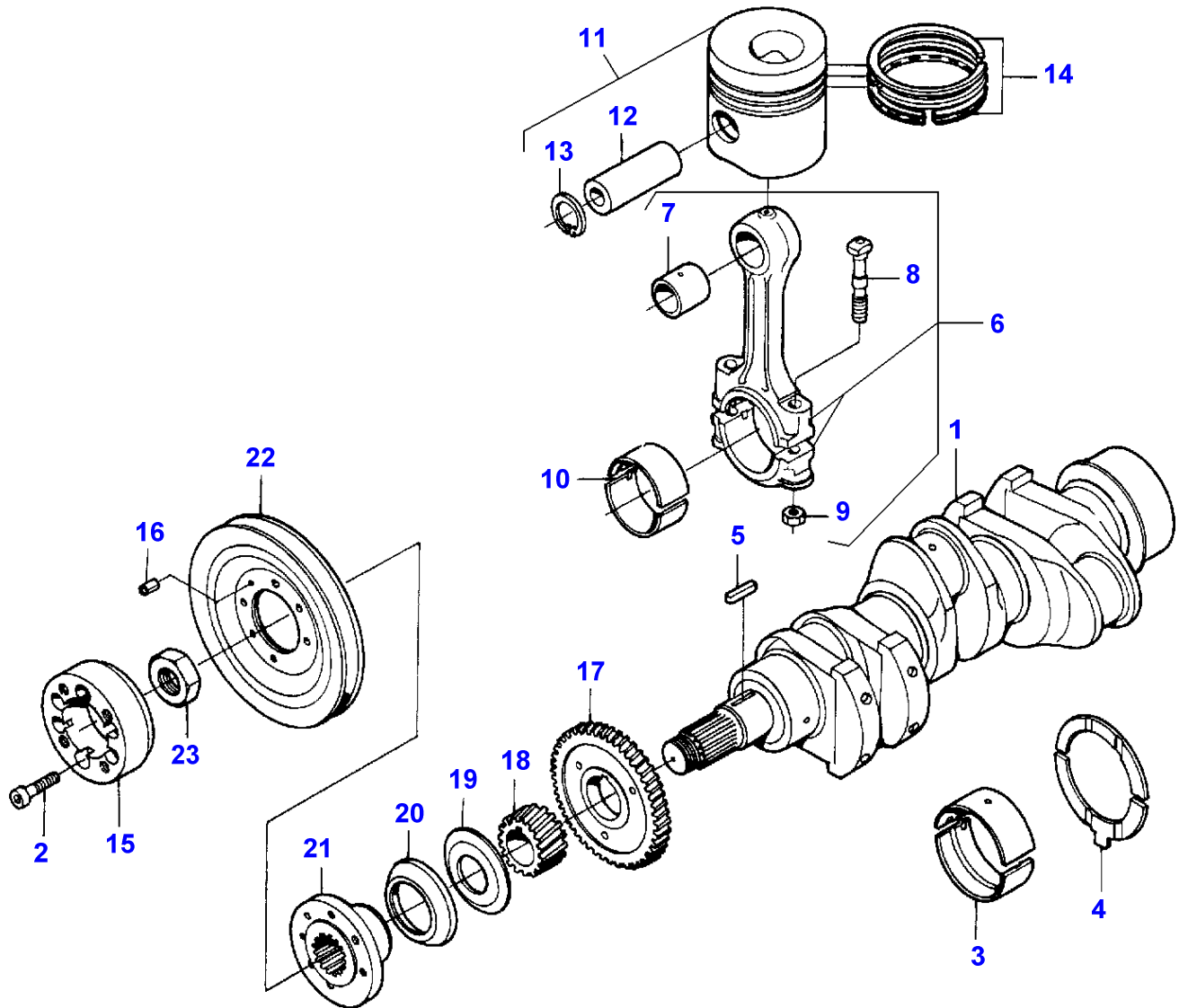
1-HB04-006-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219****1637219****FLYWHEEL HOUSING - ENGINE 311 DSL****5**

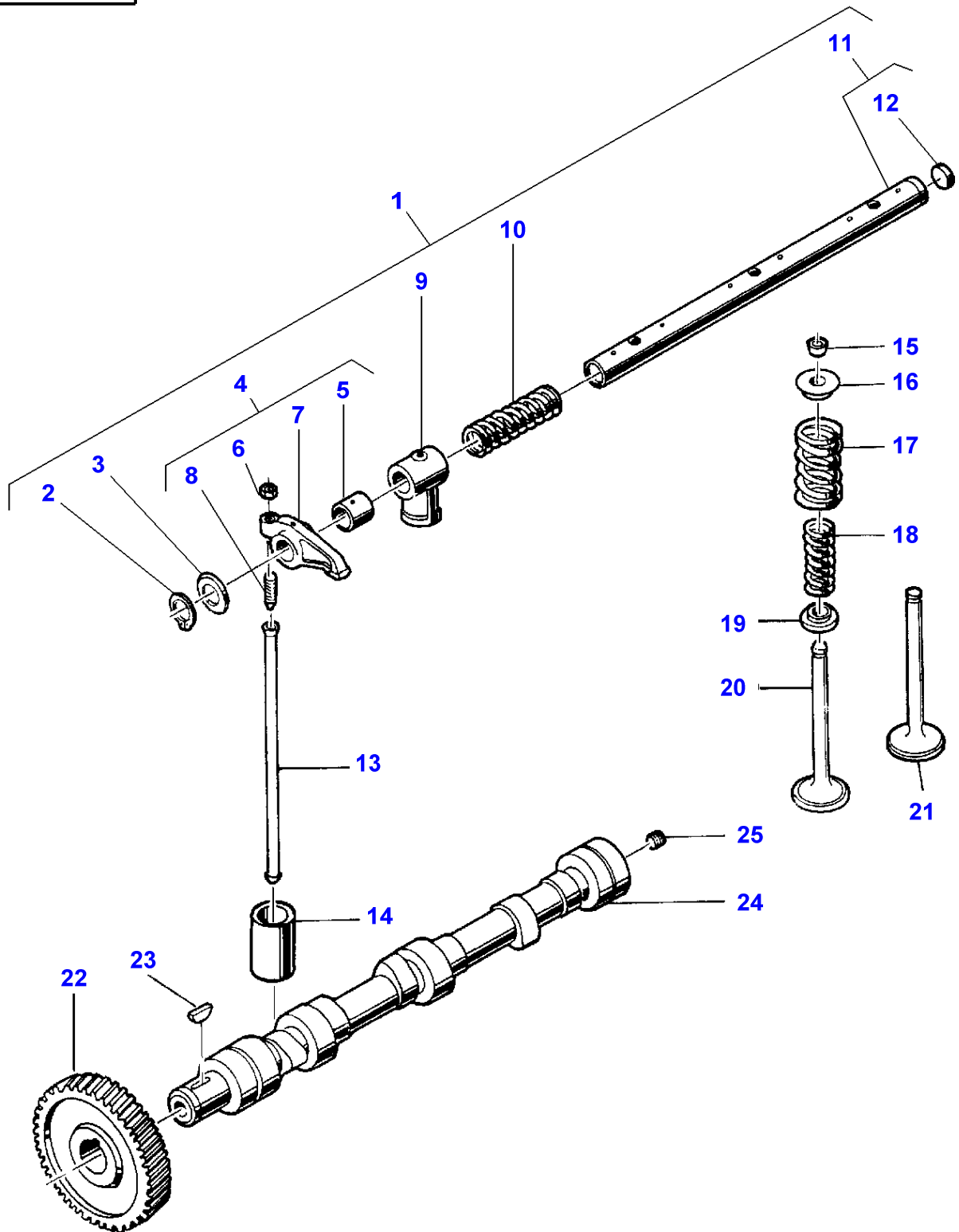
<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V836424267	1	Cover	
2	V614500002	1	Seal	
3	V546801800	3	Stud	
4	V500951000	3	Washer	
5	V504801002	3	Nut	
6	V598359850	2	Pin	
7	V528902220	14	Screw	
8	V581705030	6	Screw	
9	V836129238	1	Handwheel	
10	V836117970	1	Annular Gear	(9) Repairs and replaces V836014127
11	V581705440	2	Screw	

1-HB05-006-A



Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V836647314	1	Crankshaft	
2	V581804630	6	Screw	
3	V836338653	4	Bearing	
	V836655536	4	Bearing	Thickness 0,25 MM
				Replace and repair. Old not interchangeable with new 3637632M91
3	V836655537	4	Bearing	Thickness 0,50 MM
				Replace and repair. Old not interchangeable with new 3637633M91
3	V836655538	4	Bearing	Thickness 1,00 MM
				Replace and repair. Old not interchangeable with new 3637634M91
3	V836655539	4	Bearing	Thickness 1,50 MM
4	V836119459	2	Chock	Replace and repair. Old not interchangeable with new 3637636M1
	V836120332	2	Thrust Washer	Thickness 0,1 MM
	V836120333	2	Thrust Washer	Thickness 0,2 MM
5	V603345110	1	Key	
6	V836136573	X	Conrod	2190-2210G "H"
	V836136574	X	Conrod	2210-2230G "I"
	V836136575	X	Conrod	2230-2250G "J"
	V836136576	X	Conrod	2250-2270G "K"
	V836136577	X	Conrod	2270-2290G "L"
	V836136578	X	Conrod	2290-2310G "M"
	V836136579	X	Conrod	2310-2330G "N"
	V836136580	X	Conrod	2330-2350G "O"
	V836136581	X	Conrod	2350-2370G "P"
	V836136582	X	Conrod	2370-2390G "R"
	V836136583	X	Conrod	2390-2410G "S"
	V836136584	X	Conrod	2410-2430G "T"
	V836136585	X	Conrod	2430-2450G "U"
	V836136586	X	Conrod	2450-2470G "V"
	V836136587	X	Conrod	2470-2490G "X"
	V836136588	X	Conrod	2490-2510G "Z"
	V836136589	X	Conrod	2510-2530G "A"
	V836136590	X	Conrod	2530-2550G "B"
	V836136591	X	Conrod	2550-2570G "C"
	V836136592	X	Conrod	2570-2590G "D"
	V836136593	X	Conrod	2590-2610G "E"
7	V836110646	3	Bush	(6)
8	V836110553	6	Screw	(6)
9	V836006500	6	Nut	(6)
10	V836110552	3	Bearing	
	V836112762	3	Bearing	Thickness 0,25 MM
	V836112763	3	Bearing	Thickness 0,50 MM
	V836112765	3	Bearing	Thickness 1,00 MM
	V836112767	3	Bearing	Thickness 1,50 MM
11	V835316177	3	Piston	
12	V836112738	3	Pin	(11)
13	V617330040	6	Clip	(11)
14	V836339201	3	Kit, Piston Ring	
15	V836136714	1	Flange	
16	V595953360	1	Pin	
17	V836112363	1	Gear	
18	V836122840	1	Pinion	
19	V836129781	1	Slinger	
20	V836136271	1	Bush	
21	V836120848	1	Hub	
22	V836655449	1	Pulley	
23	V836120098	1	Nut	

1-HB06-007-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219**

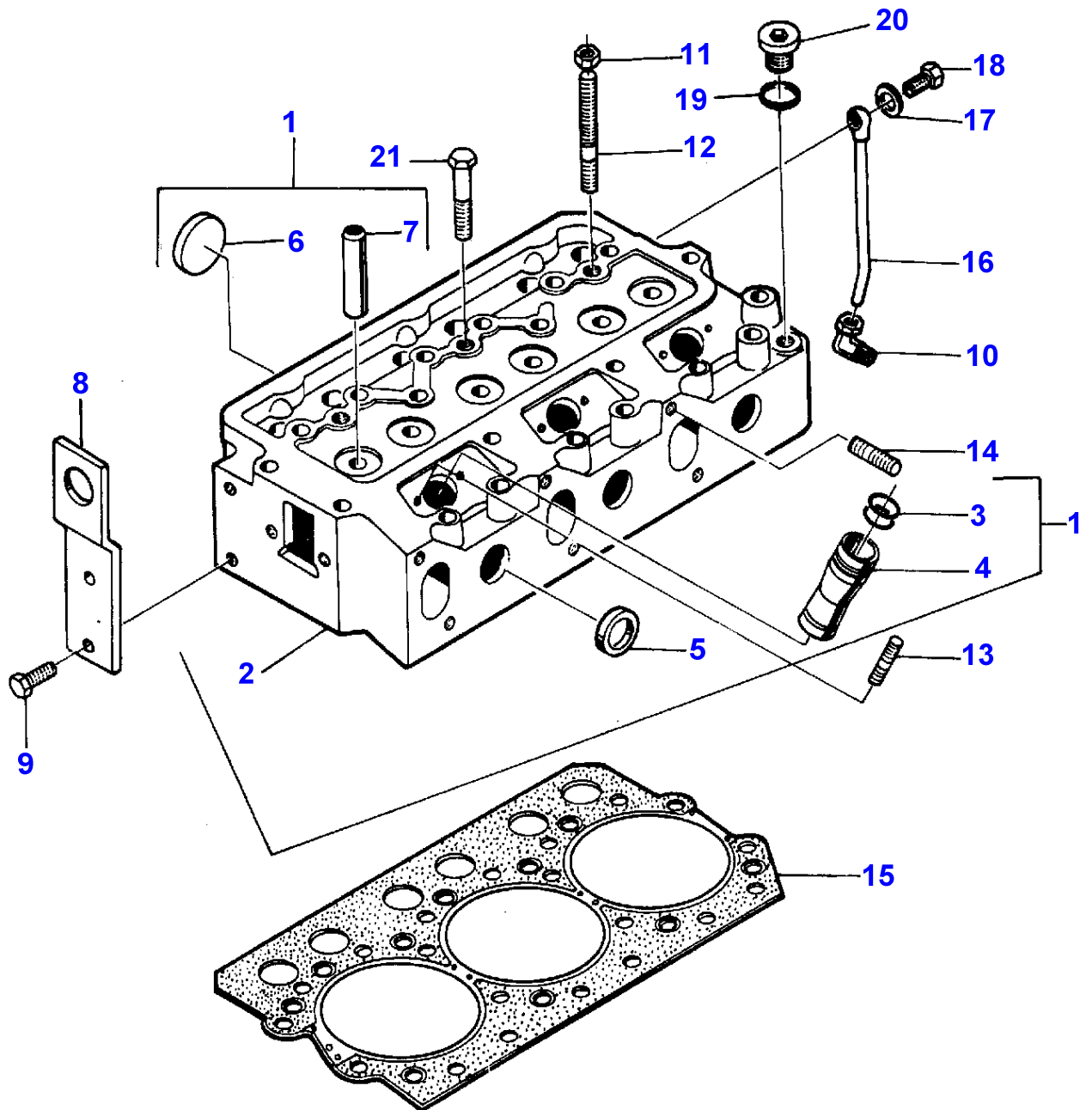
1637219

**VALVE MECHANISM - ENGINE 311 DSL**

7

Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V836007816	1	Rocker Shaft	
2	V617300020	2	Clip	(1)
3	V836006581	2	Washer	(1)
4	V835328363	6	Rocker	(1)
5	V836006586	1	Bush	(4)
6	V504800800	1	Nut	(4)
7		1	Rocker	(4)
				Not serviced, order REF 4
8	V836010106	1	Screw	(4)
9	V836006580	3	Bracket	(1)
10	V836006582	2	Spring	(1)
11	V836007569	1	Shaft	(1)
12	V640016014	2	Plug	(11)
13	V836110237	6	Rod	
14	V836014264	6	Tappet	
15	V836006578	12	Cotter	
16	V836006577	6	Cup	
17	V836117910	6	Spring	
18	V836006574	6	Spring	
19	V836006579	6	Washer	
20	3637641M1	3	Valve	
21	V836110153	3	Valve	
22	V836129842	1	Gear	
23	V603305760	1	Key	
24	V836424272	1	Camshaft	
25	V640025010	2	Plug	

1-HB07-006-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219**

1637219

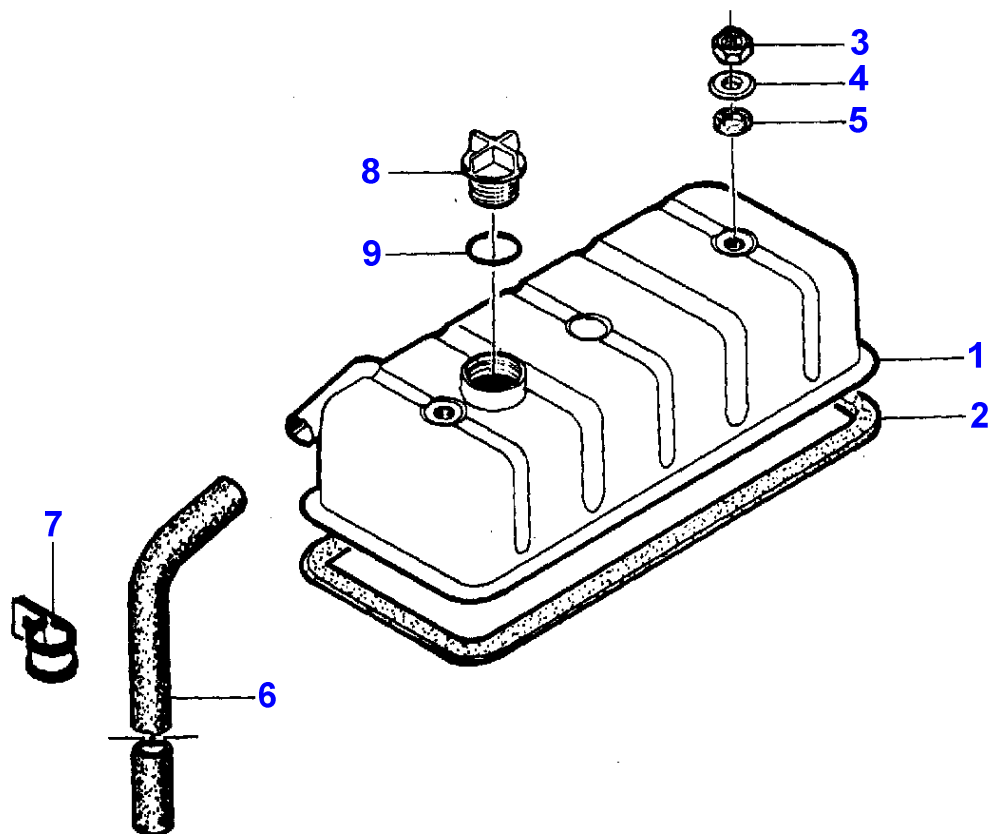
**CYLINDER HEAD - ENGINE 311 DSL**

8

Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V836424202	1	Cylinder Head	
2		1	Cylinder Head	(1) Not serviced, order REF 1
3	V614602415	6	O Ring	(1)
4	V836022081	3	Sleeve	(1)
5	V640016036	3	Plug	(1)
6	V640016040	2	Plug	(1)
7	V836136051	6	Guide	(1)
8	V836424284	2	Plate	
9	V528801780	4	Screw	
10	V641166006	1	Elbow Nipple	
11	V504801002	4	Nut	
12	V836122994	2	Stud	
13	V546901435	6	Stud	
14	V546801800	6	Stud	
15	V836122443	1	Head Gasket	
16	V836424298	1	Pipe	
17	V615571014	2	Seal	
18	V640435006	1	Screw	
19	V615881822	1	Seal	
20	V640325018	1	Plug	
21	V529801910	1	Screw	



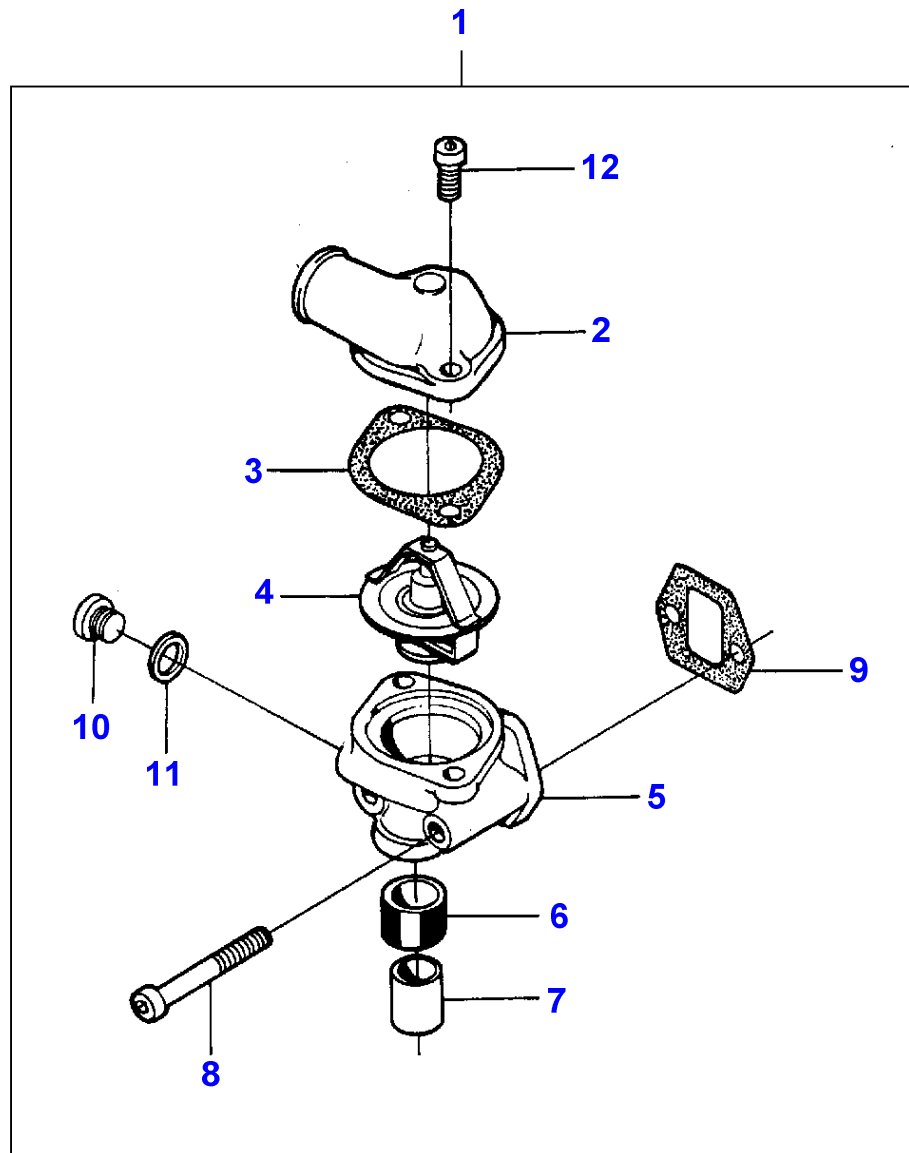
1-HB08-005-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219****1637219****CYLINDER HEAD COVER - ENGINE 311 DSL****9**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V836436728	1	Valve Cover	
2	V836322898	1	Gasket	
3	V504801002	2	Nut	
4	V836119855	2	Washer	
5	V836012841	2	Gasket	
6	V836136704	1	Hose	
7	V602074528	2	Clamp	
8	V836017927	1	Plug	
9	V614603540	1	O Ring	

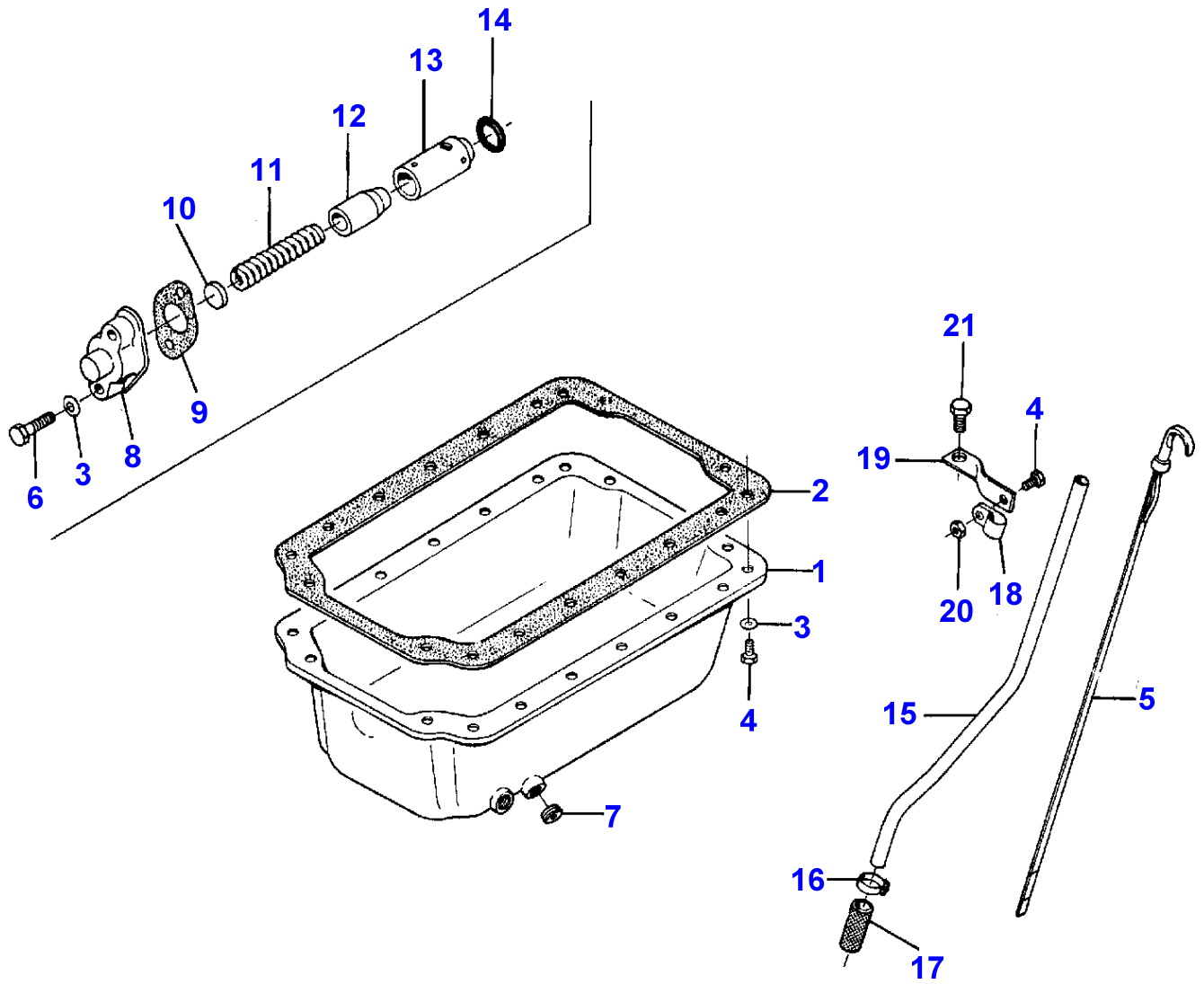
1-HB09-005-A



**THERMOSTAT - ENGINE 311 DSL**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V836115718	1	Thermostat	
2	V836120111	1	Connection	(1)
3	V836119849	1	Gasket	(1)
4	V836115646	1	Thermostat	(1)
5	V835324513	1	Housing	(1)
6	V836119833	1	Seal	(1)
7	V836119834	1	Pipe	(1)
8	V581705130	2	Screw	(1)
9	V835324219	1	Gasket	(1)
10	V640325014	1	Plug	(1)
11	V615881418	1	Seal	(1)
12	V581805020	2	Screw	(1)

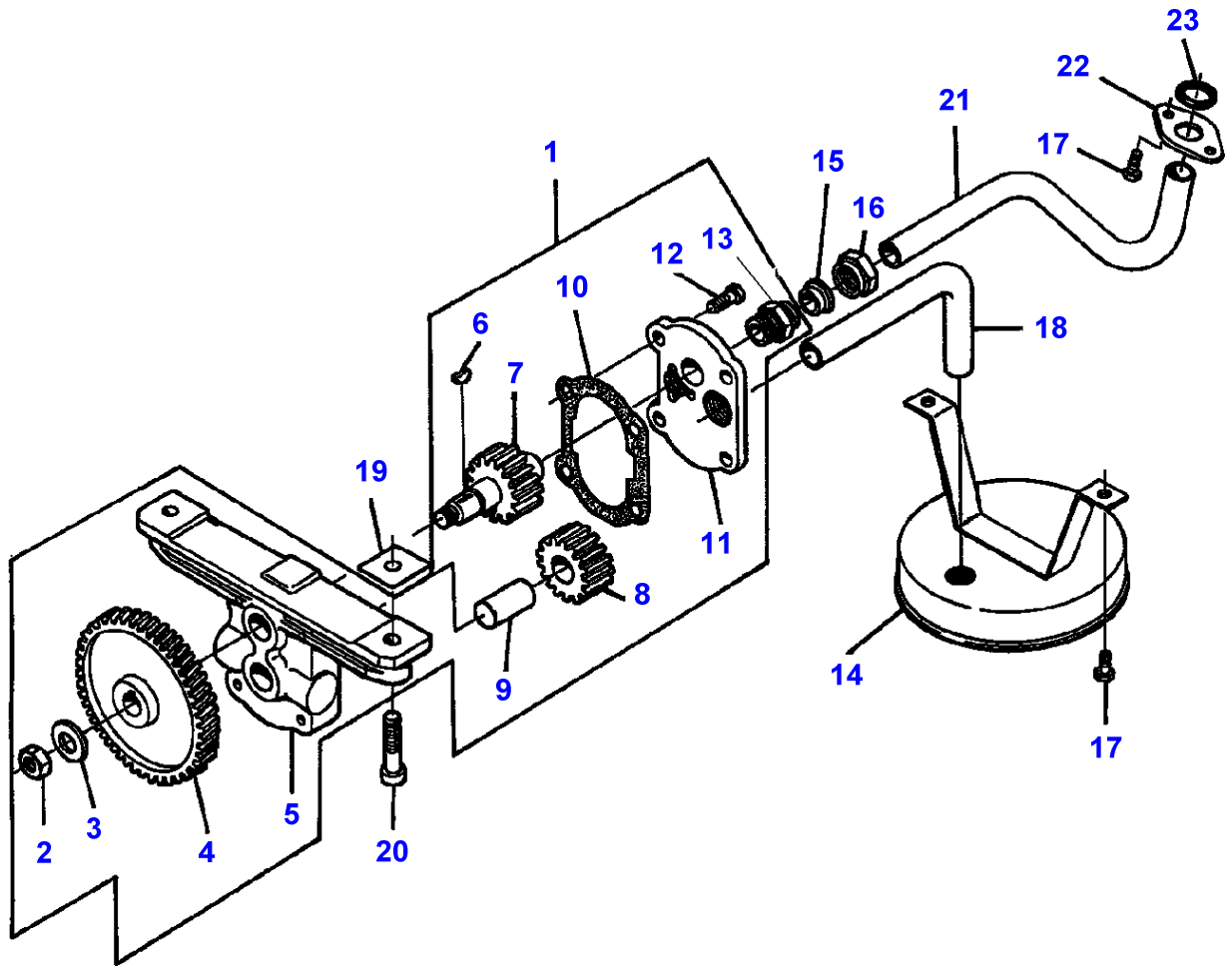
1-HB10-005-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219****1637219****LUBRICATING OIL SUMP - ENGINE 311 DSL****11**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V836428182	1	Sump	
2	V836006704	1	Gasket	
3	V500950800	20	Washer	
4	V528801360	19	Screw	
5	V836120500	1	Oil Dipstick	
6	V528801420	2	Screw	
7	V640025016	1	Plug	
8	V836129849	1	Cover	
9	V836322190	1	Gasket	
10	V836020290	1	Washer	
11	V836117836	1	Spring	
12	V836338850	1	Piston	
13	V836117834	1	Cylinder	
14	V614601524	1	O Ring	
15	V836120501	1	Pipe	
16	V602063617	2	Clamp	
17	V836119994	1	Hose	
18	V602060612	1	Clamp	
19	V836328725	1	Support	
20	V504800800	1	Nut	
21	V528801780	1	Screw	

1-HB11-006-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219**

1637219

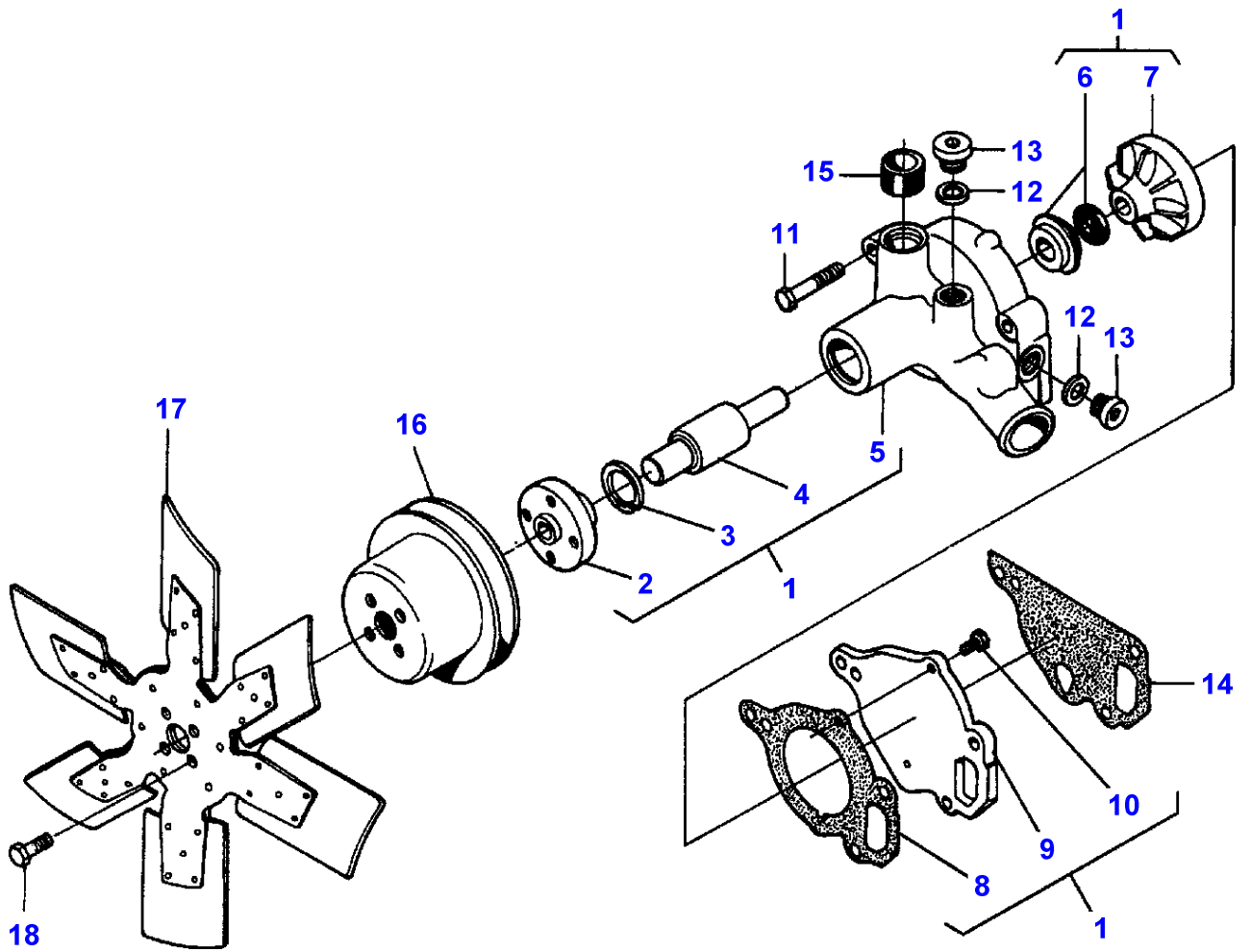
**LUBRICATING OIL PUMP - ENGINE 311 DSL**

12

Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V836114301	1	Oil Pump	
2	V504861000	1	Nut	(1)
3	V836122910	1	Washer	(1)
4	V836112362	1	Gear	(1)
5	V836114197	1	Housing	(1)
6	V603305530	1	Key	(1)
7	V836012044	1	Gear	(1)
8	V836010164	1	Gear	(1)
9	V836010166	1	Shaft	(1)
10	V836014198	1	Gasket	(1)
11	V836014196	1	Cover	(1)
12	V528801380	4	Screw	(1)
13	V836082264	2	Union	(1)
14	V836006694	1	Strainer	
15	V836082276	2	Ring	
16	V836082277	2	Nut	
17	V528801360	4	Screw	
18	V836014190	1	Pipe	
19	V836007871	X	Shim	
20	V581705050	2	Screw	
21	V836014191	1	Pipe	
22	V836014260	1	Flange	
23	V614601524	1	O Ring	



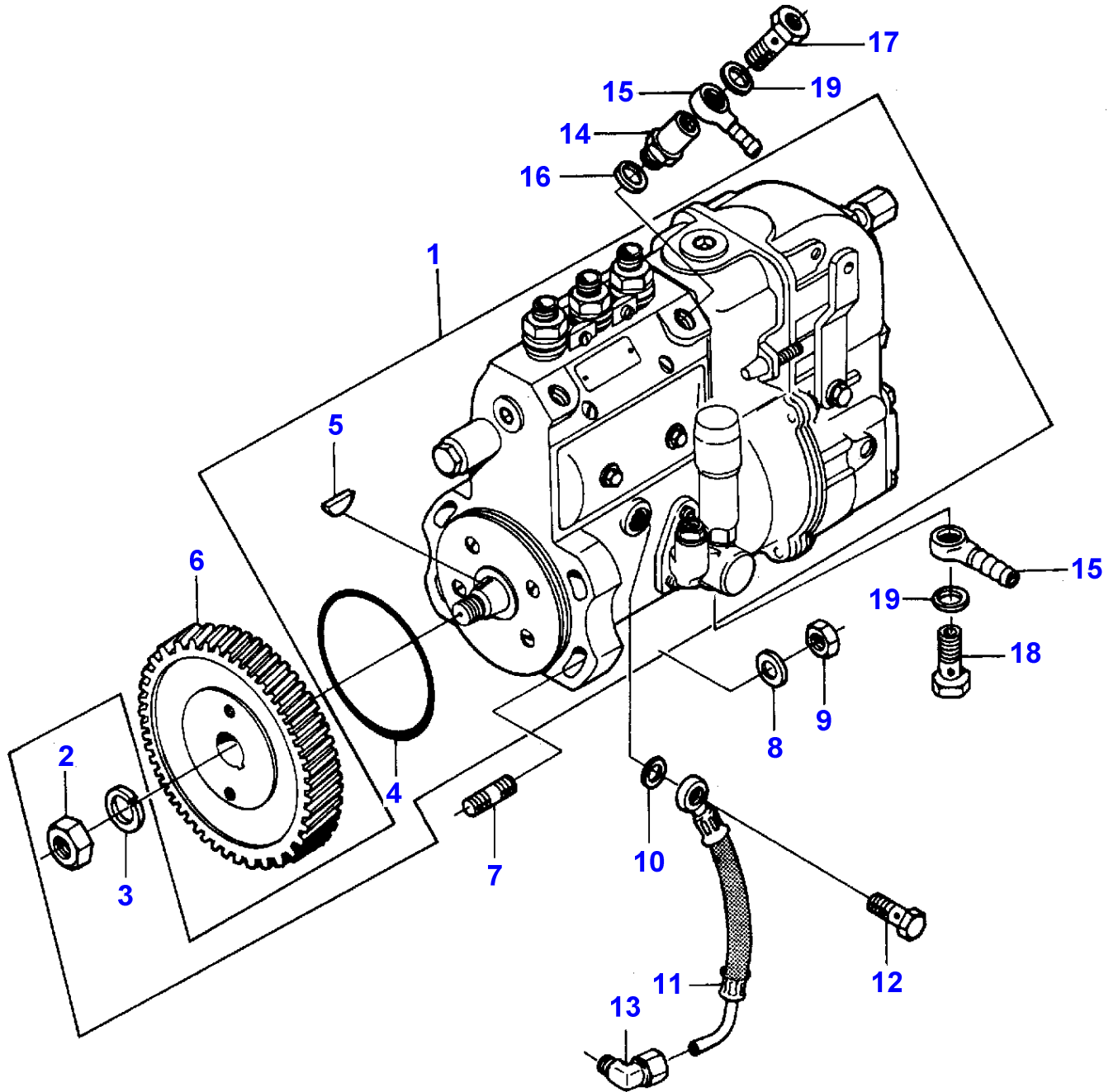
1-HB13-006-A



**WATER PUMP - ENGINE 311 DSL**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V836136220	1	Water Pump	
2	V836129680	1	Hub	(1)
3	V617330038	1	Circlip	(1)
4	V835330994	1	Shaft	(1)
5	V836129916	1	Housing	(1)
6	V835331202	1	Seal	(1)
7	V836120933	1	Impeller	(1)
8	V836120128	1	Gasket	(1)
9	V836120109	1	Plate	(1)
10	V528801062	1	Screw	(1)
11	V529801460	3	Screw	
12	V615881822	2	Seal	
13	V640325018	2	Plug	
14	V836120129	1	Gasket	
15	V836119833	1	Seal	
16	V836136210	1	Pulley	
17	V836117304	1	Fan	
18	V528801380	4	Screw	
19	V835331372	1	Kit, Repair	

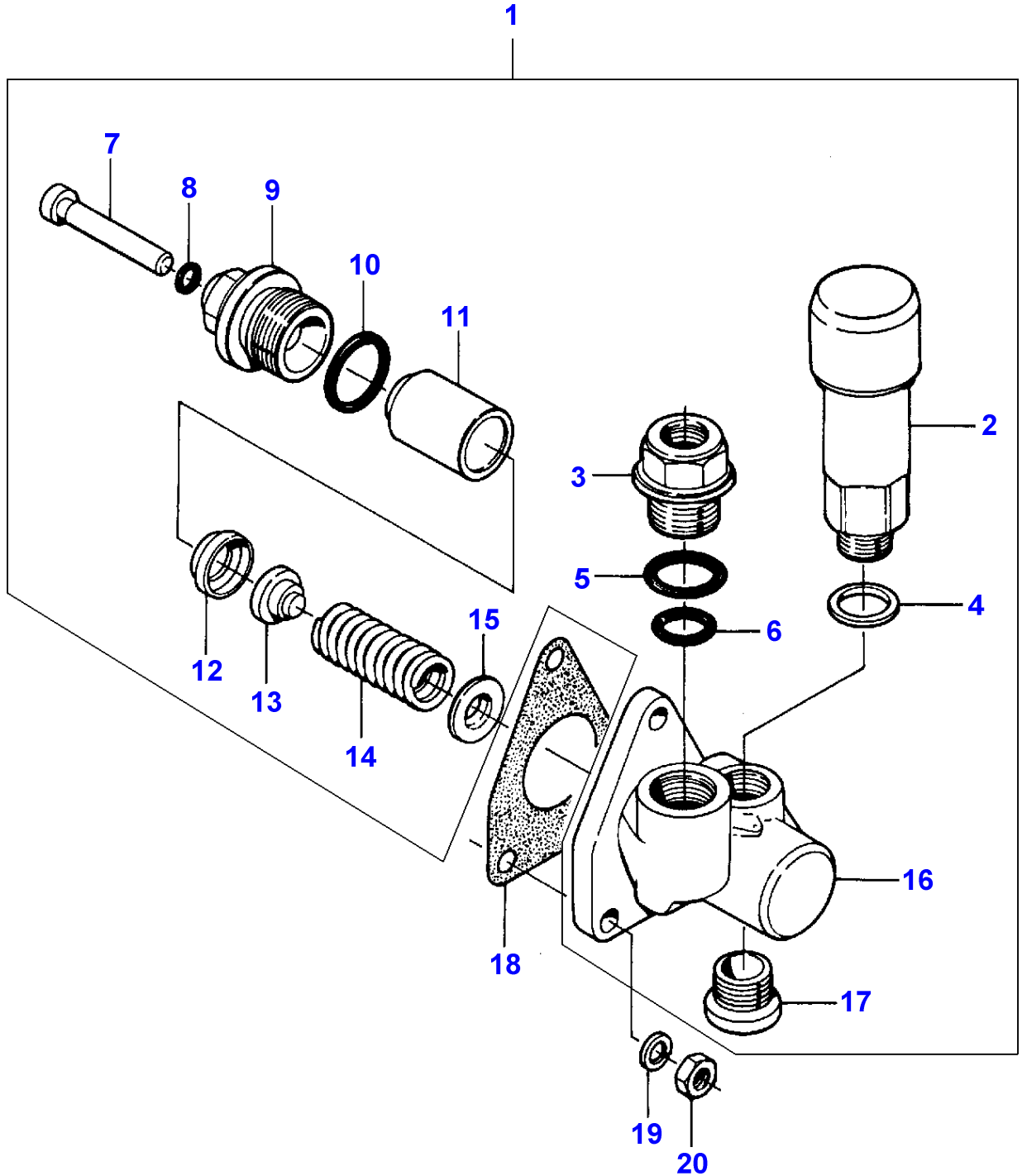
1-HB14-006-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219****1637219****INJECTION PUMP - ENGINE 311 DSL****14**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V836439481	1	Injection Pump	
2	V504611400	1	Nut	(1)
3	V500451402	1	Washer	(1)
				Repairs and replaces V500451400
4	V614607930	1	O Ring	(1)
5	V603305540	1	Key	(1)
6	V836129843	1	Gear	Up to Serial or Engine Number G3650
	V836659290	1	Gear	From Serial or Engine Number G3651
7	V546801815	4	Stud	
8	V500151050	4	Washer	
9	V504801002	4	Nut	
10	V615571014	2	Seal	
11	V836136381	1	Hydr Hose	
12	V640435006	1	Screw	
13	V641166006	1	Elbow Nipple	
14	V836330959	1	Valve	
15	V640255209	2	Hydr.Hose Assy.	
16	V615881420	1	Gasket	
17	V836336944	1	Screw	
18	V640435010	1	Screw	
19	V615881418	4	Seal	

1-HB15-008-A



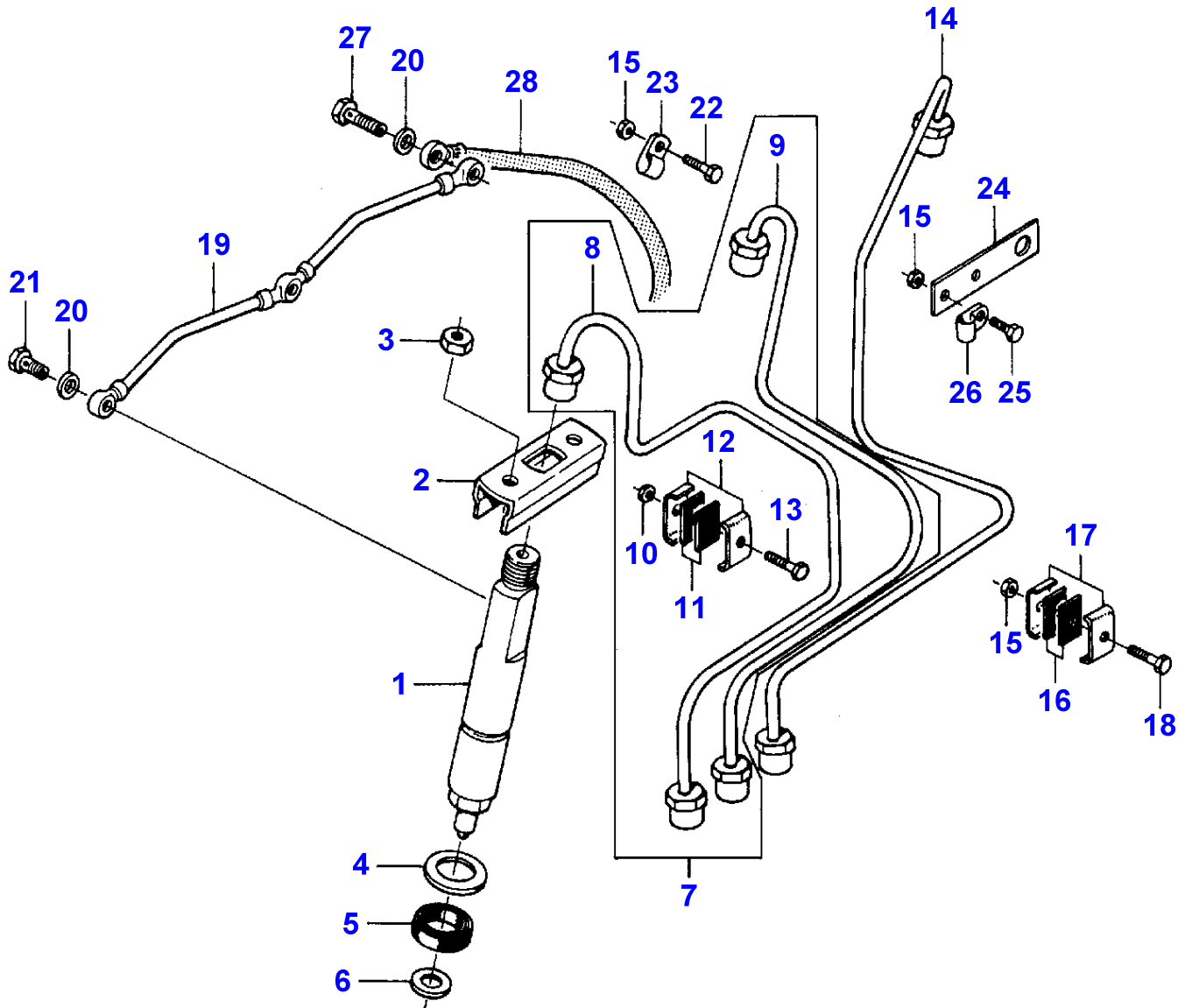
**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219**

1637219

**PUMP - ENGINE 311 DSL****15**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V836539872	1	Pump	
2	V835339884	1	Pump	(1)
3	V835339881	1	Nipple	(1)
4	V615881620	1	Seal	(1)
5	V835339886	1	O Ring	(1)
6	V835339883	1	O Ring	(1)
7	V835339874	1	Pin	(1)
8	V836139015	1	O Ring	(1)
9	V835339875	1	Body	(1)
10	V835339876	1	O Ring	(1)
11	V835339877	1	Plunger	(1)
12	V835339882	1	Gasket	(1)
13	V835339880	2	Pressure Valve	(1)
14	V835339878	1	Spring	(1)
15	V835339879	2	Washer	(1)
16	V836539873	1	Housing	(1)
17	V835339885	1	Plug	(1)
18	V500450602	3	Washer	
19	V504600602	3	Nut	
20	V836640099	1	Kit, Repair	

1-HB16-005-A

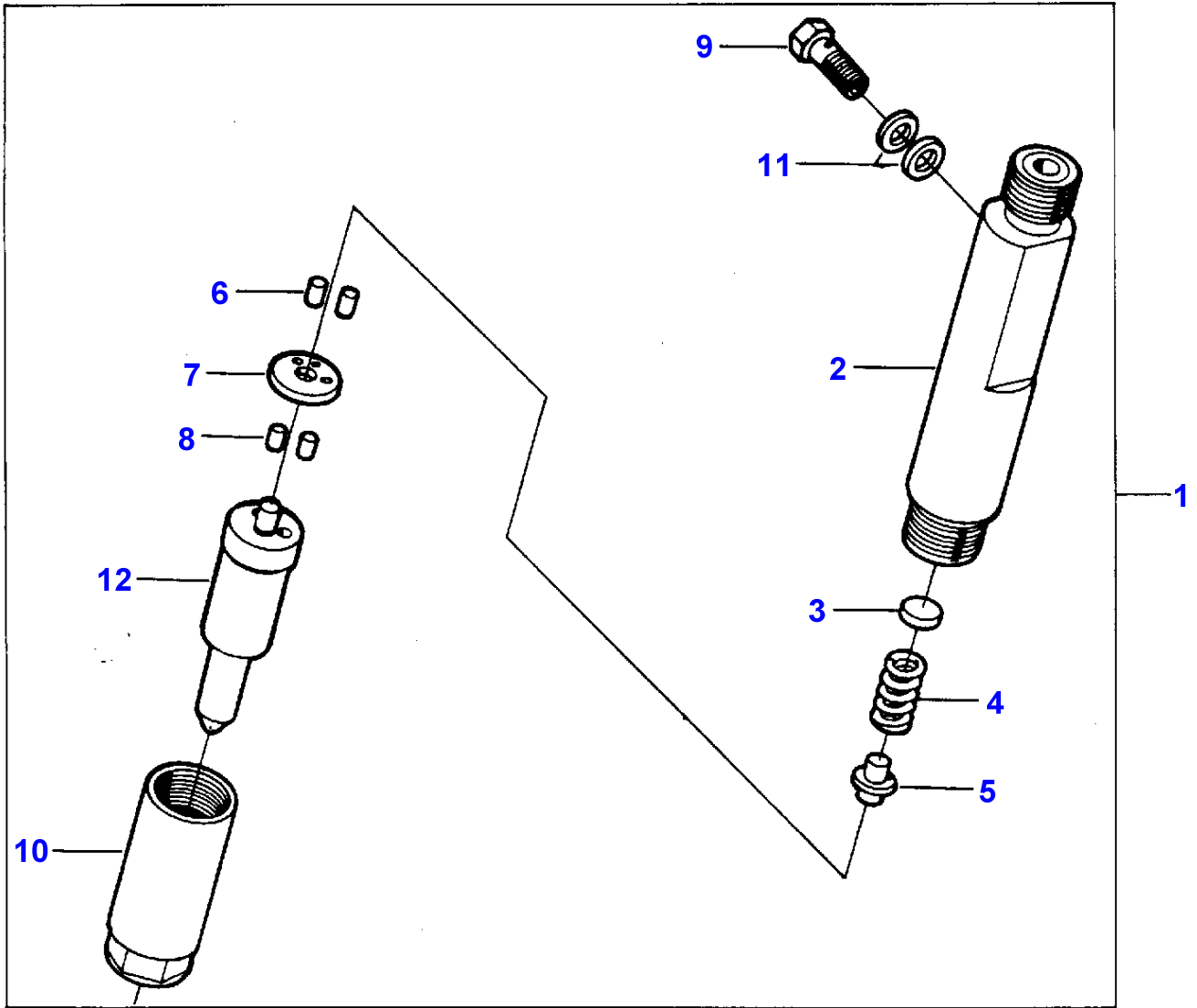


FUEL PIPINGS - ENGINE 311 DSL

Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V835331100	3	Atomiser	
2	V835331103	3	Retainer	
3	V504800800	6	Nut	
4	V835336275	3	Washer	
5	V835336276	3	Seal	
6	V899901495	3	Washer	
7	V836136719	1	Kit, Connection	
8	V836136888	1	Connection	(1) NO. 1
9	V836136889	1	Connection	(1) NO. 2
10	V504600502	2	Nut	(1)
11	V836324442	4	Spacer	(1)
12	V836324445	4	Clamp	(1)
13	V528800802	2	Screw	(1) Repairs and replaces V528800800
14	V836438178	1	Connection	NO. 3
15	V510600502	3	Nut	
16	V836324442	2	Spacer	
17	V836324445	2	Clamp	
18	V528800802	1	Screw	
19	V836436946	1	Connection	
20	V615870710	9	Seal	
21	V835331289	3	Screw	
22	V529800810	1	Screw	
23	V602070810	1	Clamp	
24	V836324618	1	Support	
25	V528800760	1	Screw	
26	V602070605	1	Clamp	
27	V835336943	1	Screw	
28	V835336942	1	Tube	



1-HB17-005-A



Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V835331100	1	Atomiser	
2	V835331100	1	Atomiser	(1)
3	V835339235	X	Shim	(2)
				Thickness 1.00MM
3	V835339236	X	Shim	(2)
				Thickness 1.02MM
3	V835339237	X	Shim	(2)
				Thickness 1.04MM
3	V835339238	X	Shim	(2)
				Thickness 1.06MM
3	V835339239	X	Shim	(2)
				Thickness 1.08MM
3	V835339240	X	Shim	(2)
				Thickness 1.10MM
3	V835339241	X	Shim	(2)
				Thickness 1.12MM
3	V835339242	X	Shim	(2)
				Thickness 1.14MM
3	V835339243	X	Shim	(2)
				Thickness 1.16MM
3	V835339244	X	Shim	(2)
				Thickness 1.18MM
3	V835339245	X	Shim	(2)
				Thickness 1.20MM
3	V835339246	X	Shim	(2)
				Thickness 1.22MM
3	V835339247	X	Shim	(2)
				Thickness 1.24MM
3	V835339248	X	Shim	(2)
				Thickness 1.26MM
3	V835339249	X	Shim	(2)
				Thickness 1.28MM
3	V835339250	X	Shim	(2)
				Thickness 1.30MM
3	V835339251	X	Shim	(2)
				Thickness 1.32MM
3	V835339252	X	Shim	(2)
				Thickness 1.34MM
3	V835339253	X	Shim	(2)
				Thickness 1.36MM
3	V835339254	X	Shim	(2)
				Thickness 1.38MM
3	V835339255	X	Shim	(2)
				Thickness 1.40MM
3	V835339256	X	Shim	(2)
				Thickness 1.42MM
3	V835339257	X	Shim	(2)
				Thickness 1.44MM
3	V835339258	X	Shim	(2)
				Thickness 1.46MM
3	V835339259	X	Shim	(2)
				Thickness 1.48MM
3	V835339260	X	Shim	(2)
				Thickness 1.50MM
3	V835339261	X	Shim	(2)
				Thickness 1.52MM
3	V835339262	X	Shim	(2)
				Thickness 1.54MM
3	V835339263	X	Shim	(2)
				Thickness 1.56MM
3	V835339264	X	Shim	(2)
				Thickness 1.58MM
3	V835339265	X	Shim	(2)
				Thickness 1.60MM
3	V835339266	X	Shim	(2)
				Thickness 1.62MM
3	V835339267	X	Shim	(2)
				Thickness 1.64MM

INJECTOR - ENGINE 311 DSL

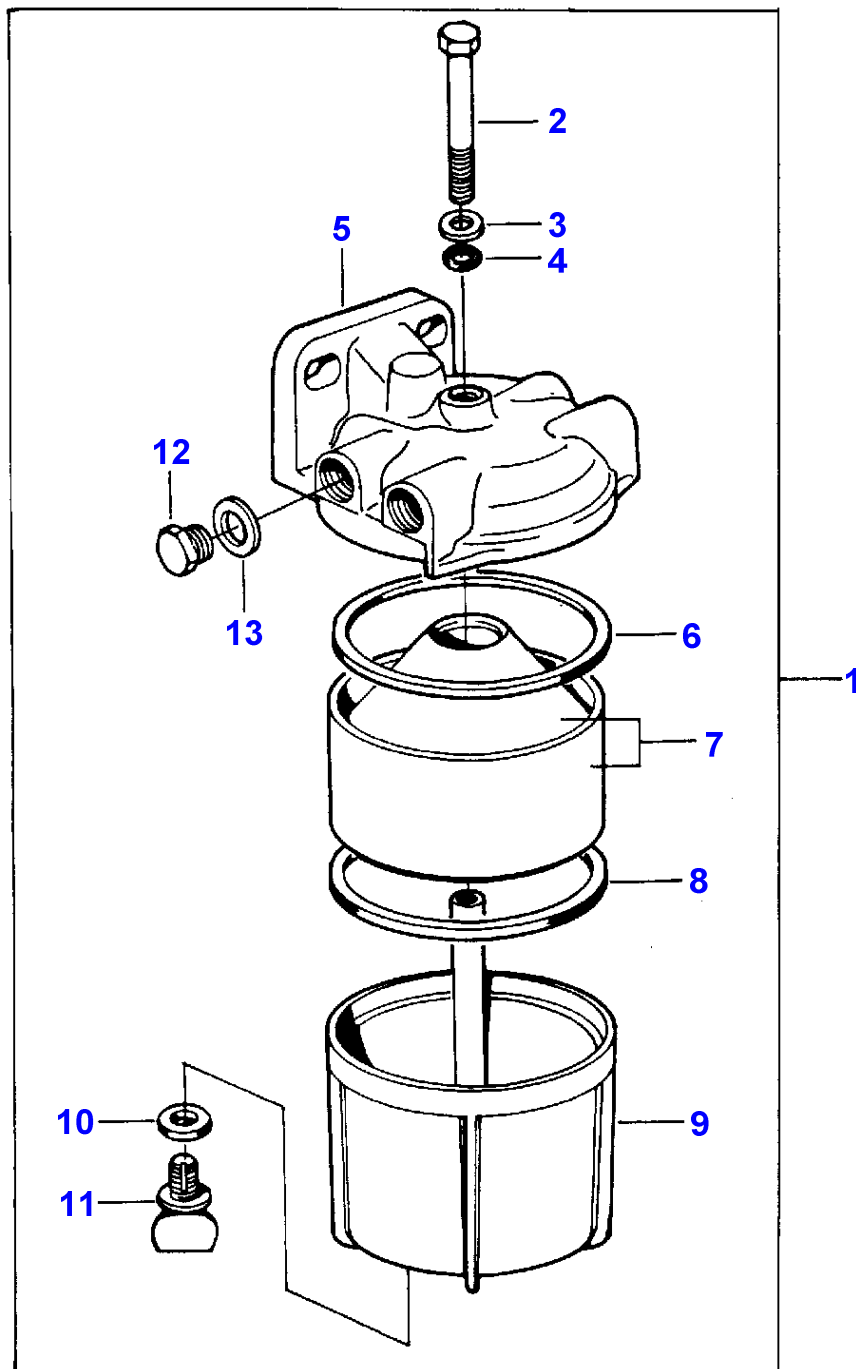
Item	Part Number	Qty	Description	Comments
3	V835339268	X	Shim	(2) Thickness 1.66MM
3	V835339269	X	Shim	(2) Thickness 1.68MM
3	V835339270	X	Shim	(2) Thickness 1.70MM
3	V835339271	X	Shim	(2) Thickness 1.72MM
3	V835339272	X	Shim	(2) Thickness 1.74MM
3	V835339273	X	Shim	(2) Thickness 1.76MM
3	V835339274	X	Shim	(2) Thickness 1.78MM
3	V835339275	X	Shim	(2) Thickness 1.80MM
3	V835339276	X	Shim	(2) Thickness 1.82MM
3	V835339277	X	Shim	(2) Thickness 1.84MM
3	V835339278	X	Shim	(2) Thickness 1.86MM
3	V835339279	X	Shim	(2) Thickness 1.88MM
3	V835339280	X	Shim	(2) Thickness 1.90MM
3	V835339281	X	Shim	(2) Thickness 1.92MM
3	V835339282	X	Shim	(2) Thickness 1.94MM
3	V835339283	X	Shim	(2) Thickness 1.96MM
3	V835339284	X	Shim	(2) Thickness 1.98MM
4	V835331283	1	Spring	(2)
5	V835331284	1	Pin	(2)
6	V835331286	2	Clevis Pin	(2)
7	V835331285	1	Distance Piece	(2)
8	V835331287	2	Clevis Pin	(2)
9	V835331289	1	Screw	(2)
10	V835331288	1	Body	(2)
11	V615870610	2	Seal	(2)
12	V835331101	1	Nozzle	(1)



**FUEL FILTER - ENGINE 311 DSL**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V835331210	1	Fuel Filter	
2		1	Cover	(1)
				Not serviced, order REF NO 1
3	V835331345	1	Screw	(1)
4	V615870610	1	Seal	(1)
5	V835331343	1	Filter Element	(1)
6	V835331344	1	O Ring	(5)
7	V640325014	2	Plug	
8	V615881418	10	Seal	
9	V528801410	2	Adjusting Screw	
10	V500150840	2	Washer	
11	V504800800	2	Nut	
12	V835338874	2	Sleeve	
13	V640435010	3	Screw	
14	V835336984	1	Pipe	
15	V835336985	1	Pipe	
16	V835329746	1	Clamp	
17	V528801860	2	Screw	
18	V836446775	1	Support	

1-HB18-009-B



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219**

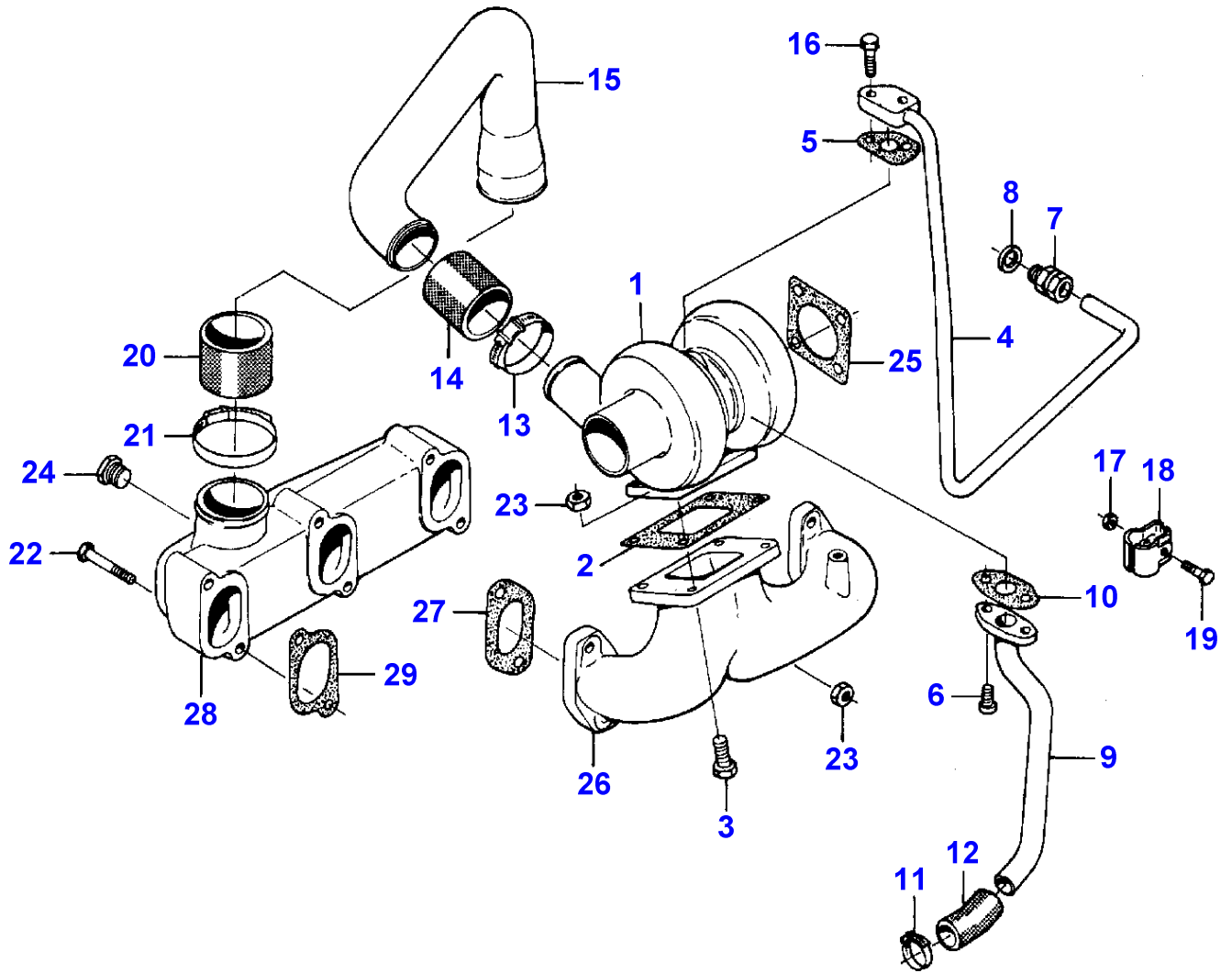
1637219

**FUEL FILTER - ENGINE 311 DSL - SEDIMENT BOWL**

19

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL - SEDIMENT BOWL
1	V836115720	1	Sediment Bowl	
2	V836015149	1	Screw	(1)
3	V836015918	1	Washer	(1)
4	V836015919	1	O Ring	(1)
5	V836015960	1	Filter Head	(1)
6	V835330014	1	Gasket	(1)
7	V835339420	1	Filter Insert	(1)
8	V835330015	1	Gasket	(1)
9	V835339421	1	Container	(1)
10	V836015147	1	Gasket	(1)
11	V836015148	1	Plug	(1)
12	V836117323	2	Plug	(1)
13	V615581317	2	Seal	(1)

1-HB20-005-A





**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219**

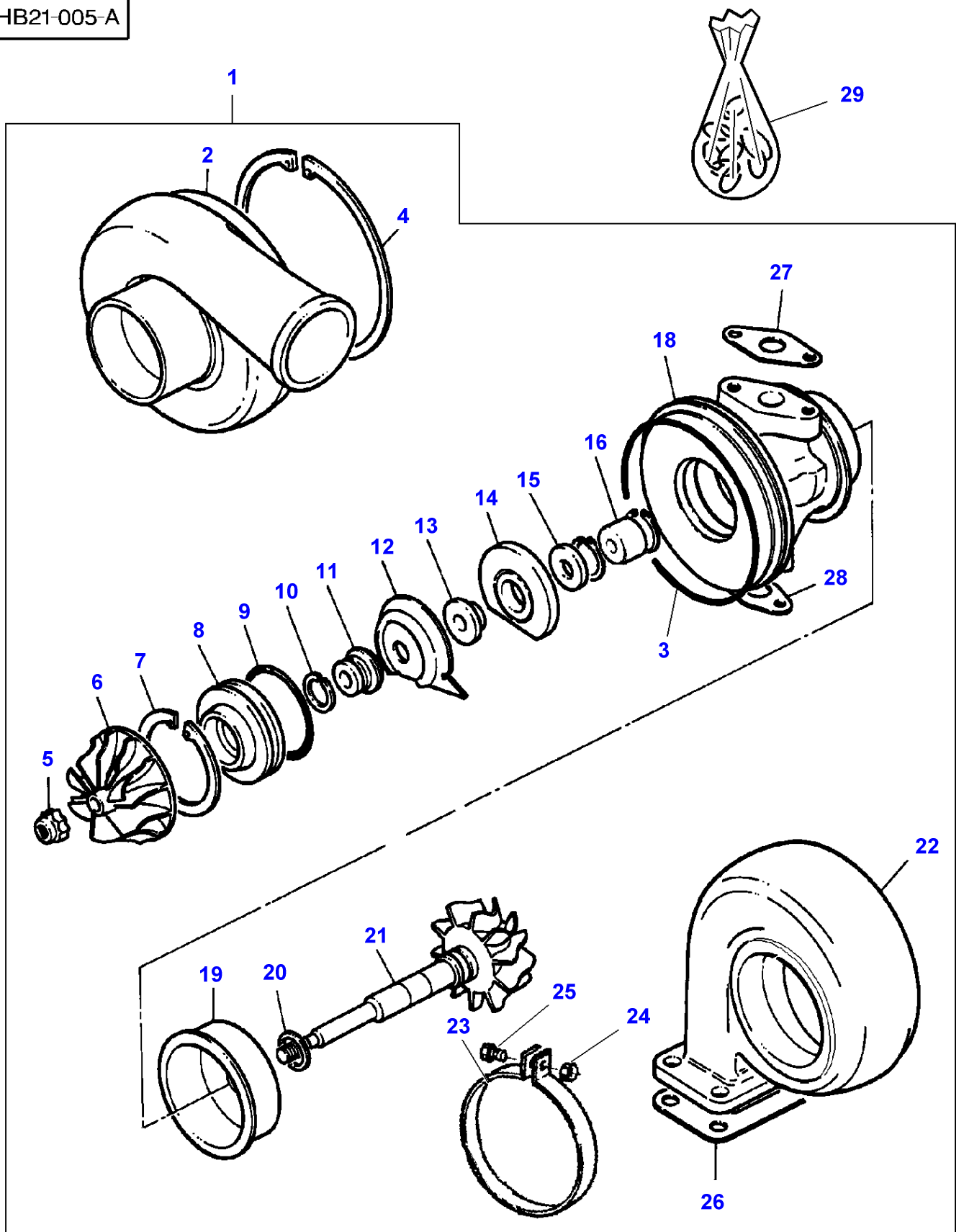
1637219

**TURBOCHARGER-PIPES - ENGINE 311 DSL**

20

Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V836539402	1	Turbocharger	See Page - Reference Number 21/1
2	V836316726	1	Gasket	
3	V528801820	4	Screw	
4	V836438171	1	Pipe	
5	V836308344	1	Joint	
6	V581804600	2	Screw	
7	V641086012	1	Union	
8	V615881620	1	Seal	
9	V836438172	1	Pipe	
10	V836324580	1	Joint	
11	V602087528	2	Clamp	
12	V836136515	1	Hose	
13	V602061668	2	Clamp	Repairs and replaces V602083550
14	V836128181	1	Hose	
15	V836546324	1	Connection	
16	V528801410	2	Adjusting Screw	
17	V504600600	2	Nut	
18	V835324324	2	Clamp	
19	V529801110	1	Screw	
20	V836129904	1	Hose	
21	V602094575	2	Clamp	
22	V529801460	6	Screw	
23	V504801002	10	Nut	
24	V836114958	1	Plug	
25	V836128442	1	Gasket	
26	V836429283	1	Tube	
27	V836122886	3	Joint	
28	V836428011	1	Manifold	
29	V836006803	3	Joint	

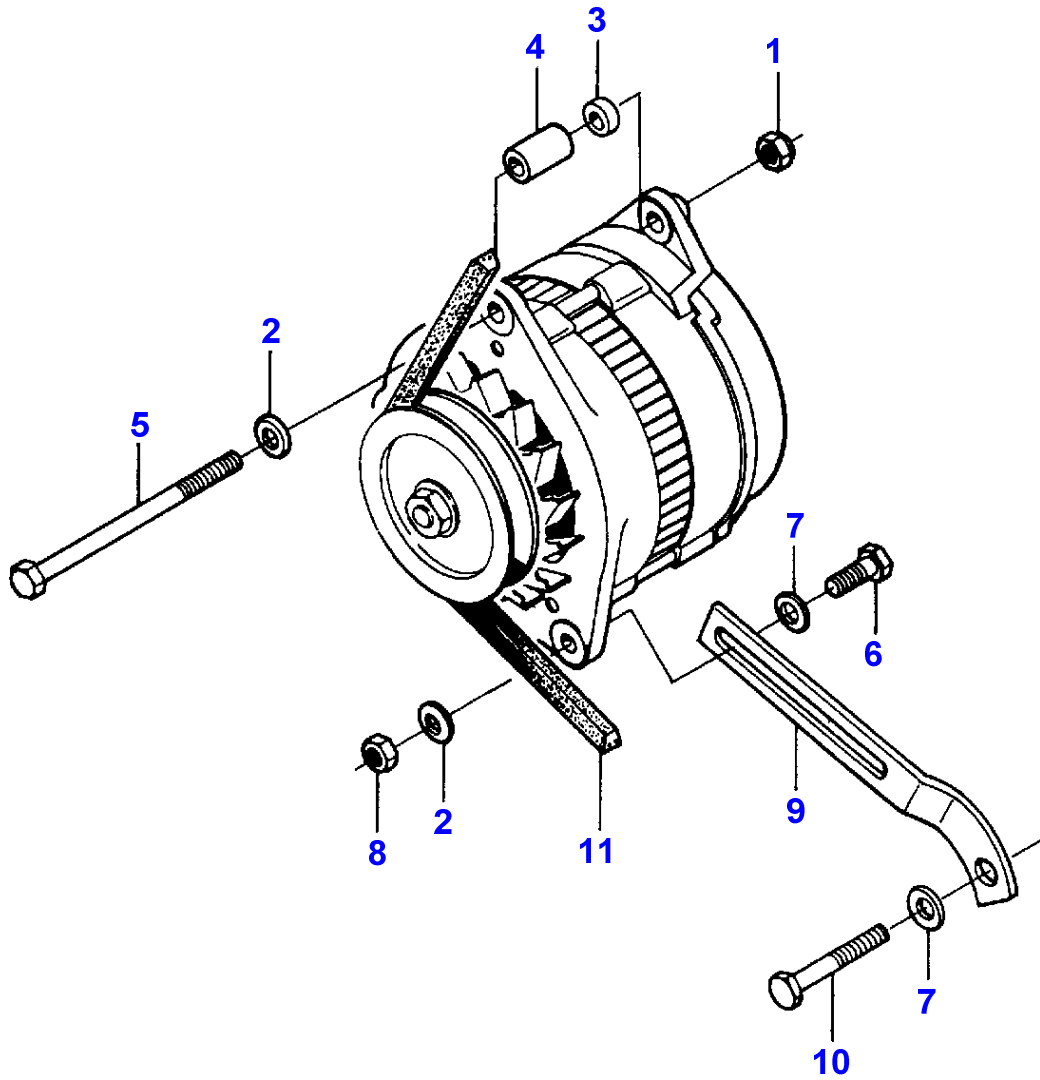
1-HB21-005-A



Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V836539402	1	Turbocharger	
2	V836539528	1	Housing	(1)
3	V835339527	1	Gasket	[A] (1)
4	V836131912	1	Clip	(1)
5	V836131914	1	Nut	[A] (1)
6	V836539529	1	Compressor	(1)
7	V835339516	1	Clip	(1)
8	V835339512	1	Insert	(1)
9	V835339517	1	O Ring	[A] (1)
10	V835339510	1	Piston Ring	[A] (1)
11	V835339513	1	Flinger	(1)
12	V835339514	1	Deflector	(1)
13	V835339520	1	Collar	(1)
14	V836339791	1	Bearing	[A] (1)
15	V835339521	1	Thrust Washer	(1)
16	V835339518	1	Bearing	[A] (1)
17	V835339508	4	Clip	[A] (1)
18	V835339515	1	Housing	(1)
19	V835339511	1	Circlip	(1)
20	V835339509	1	Turbine Wheel	[A] (1)
21	V835339523	1	Shaft	(1)
22	V835339524	1	Turbine Housing	(1)
23	V835339522	1	Clamp	(1)
24	V835339507	1	Nut	(1)
25	V628801422	1	Screw	(1)
26	V836316726	1	Gasket	[A] (1)
27	V836308344	1	Joint	[A] (1)
28	V836324580	1	Joint	[A] (1)
29	V835339783	1	Kit, Repair	[B]

[A]  
 INCLUDED IN KIT MARKED (B)  
 [B]  
 INCLUDES ITEMS MARKED (A)

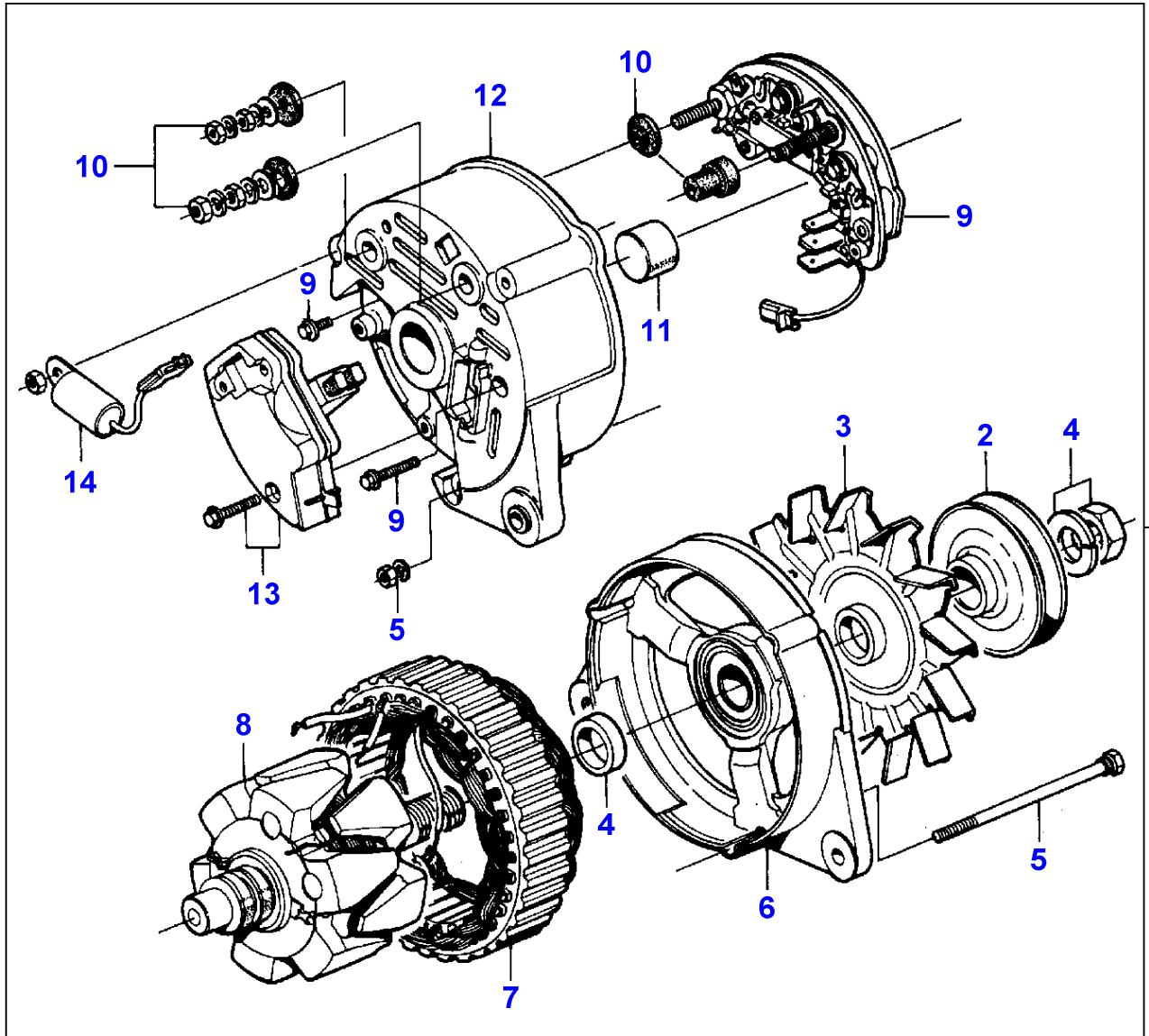
1-HB23-005-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219****1637219****BELT TENSIONER - ENGINE 311 DSL****22**

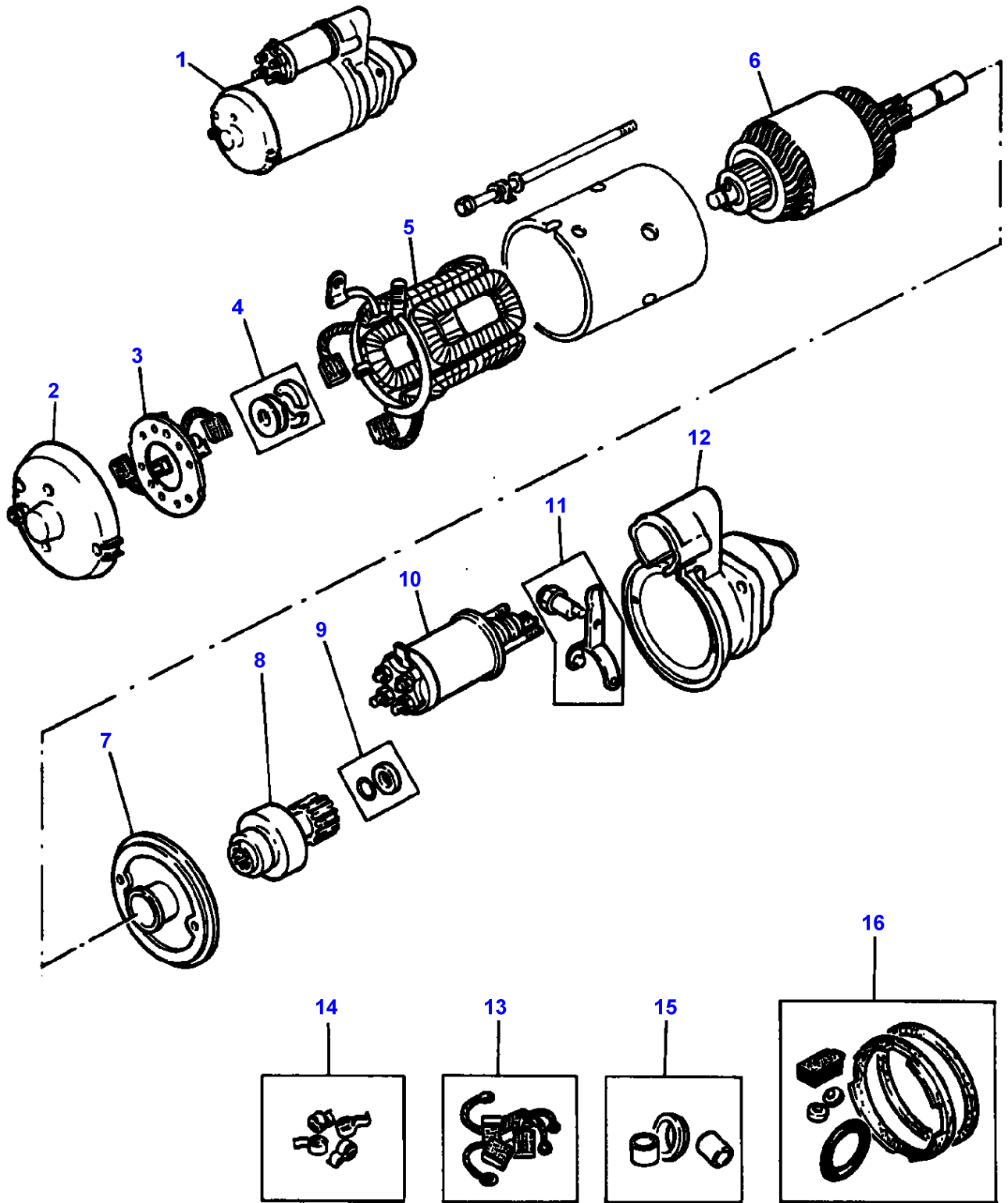
<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V510600802	1	Nut	
2	V500950800	2	Washer	
3	V836019695	1	Sleeve	
4	V836129814	1	Spacer	
5	V529801570	1	Screw	
6	V528801400	1	Screw	
7	V836120989	2	Washer	
8	V504800800	1	Nut	
9	V836424274	1	Tensioner	
10	V529801440	1	Screw	
11	D41990013	1	Belt	

1-HB24-006-B



<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V835339304	1	Alternator	
2	V835339377	1	Pulley	(1)
3	V835339376	1	Fan	(1)
4	V835339379	1	Parts Pack	(1)
5	V835339380	1	Kit, Bolt	(1)
6	V835339381	1	Bracket	(1)
7	V835339304	1	Alternator	(1)
8	V835339390	1	Rotor	(1)
9	V835339384	1	Rectifier	(1)
10	V835339385	1	Kit, Terminal	(1)
11	V835339386	1	Bearing	(1)
12	V835339387	1	Bracket	(1)
13	V835339388	1	Regulator	(1)
14	V835339391	1	Capacitor	(1)

1-HB25-006-A

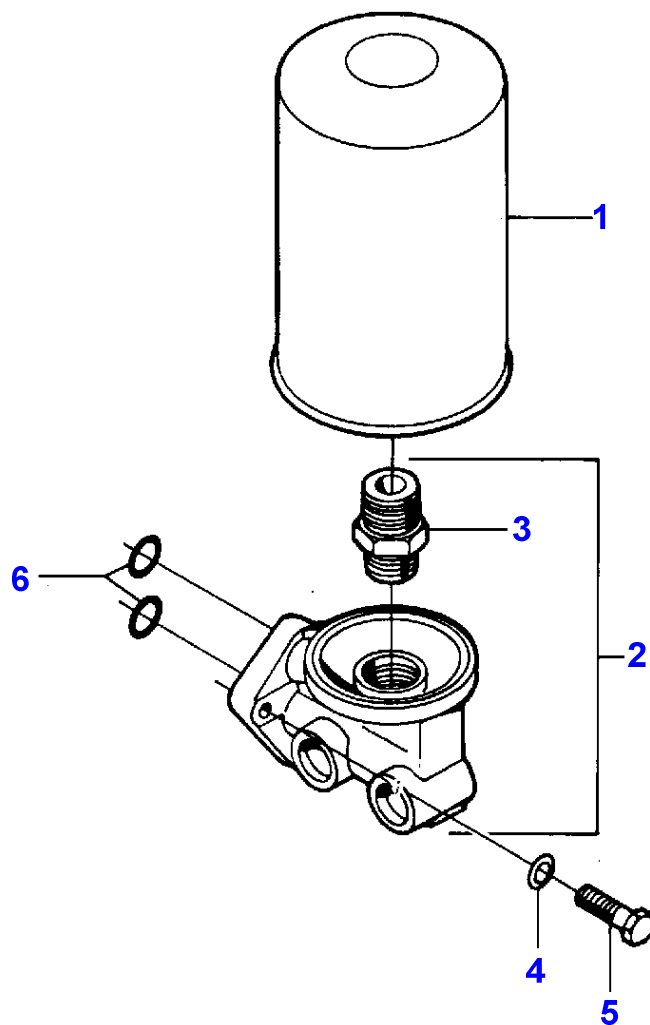




STARTER MOTOR - ENGINE 311 DSL

Item	Part Number	Qty	Description	Comments
				ENGINE 311 DSL
1	V835346811	1	Startermotor	
2	V835331862	1	Flange	(1)
3	V836015847	1	Holder	(1)
4	V836015839	1	Bush	(1)
5	V836640938	1	Startermotor	(1)
6	3473800M91	1	Armature	(1)
7	V835331867	1	Flange	(1)
8	V835331868	1	Flinger	(1)
9	V835331865	1	Washer	(1)
10	V836640946	1	Solenoid	(1)
11	V835331869	1	Fork	(1)
12		1	Bracket	(1)
				Not serviced, order REF.1
13	V836015230	1	Kit, Brush	(1)
14	V836015232	1	Kit, Spring	(1)
15	V836015848	1	Kit, Bush	(1)
16	V835331870	1	Kit, Joint	(1)

1-HB29-002-A



**MASSEY FERGUSON****MF 30/31XP/32/34/36/38/40 COMBINE ENGINES, VALMET - 1637219****1637219****OIL FILTER - ENGINE 311 DSL****25**

<b>Item</b>	<b>Part Number</b>	<b>Qty</b>	<b>Description</b>	<b>Comments</b>
				ENGINE 311 DSL
1	V836436346	1	Oil Filter	
2	V836136345	1	Bracket	
3	V836136343	1	Union	(2)
4	V500950800	3	Washer	
5	V528801410	3	Adjusting Screw	
6	V614601930	2	O Ring	