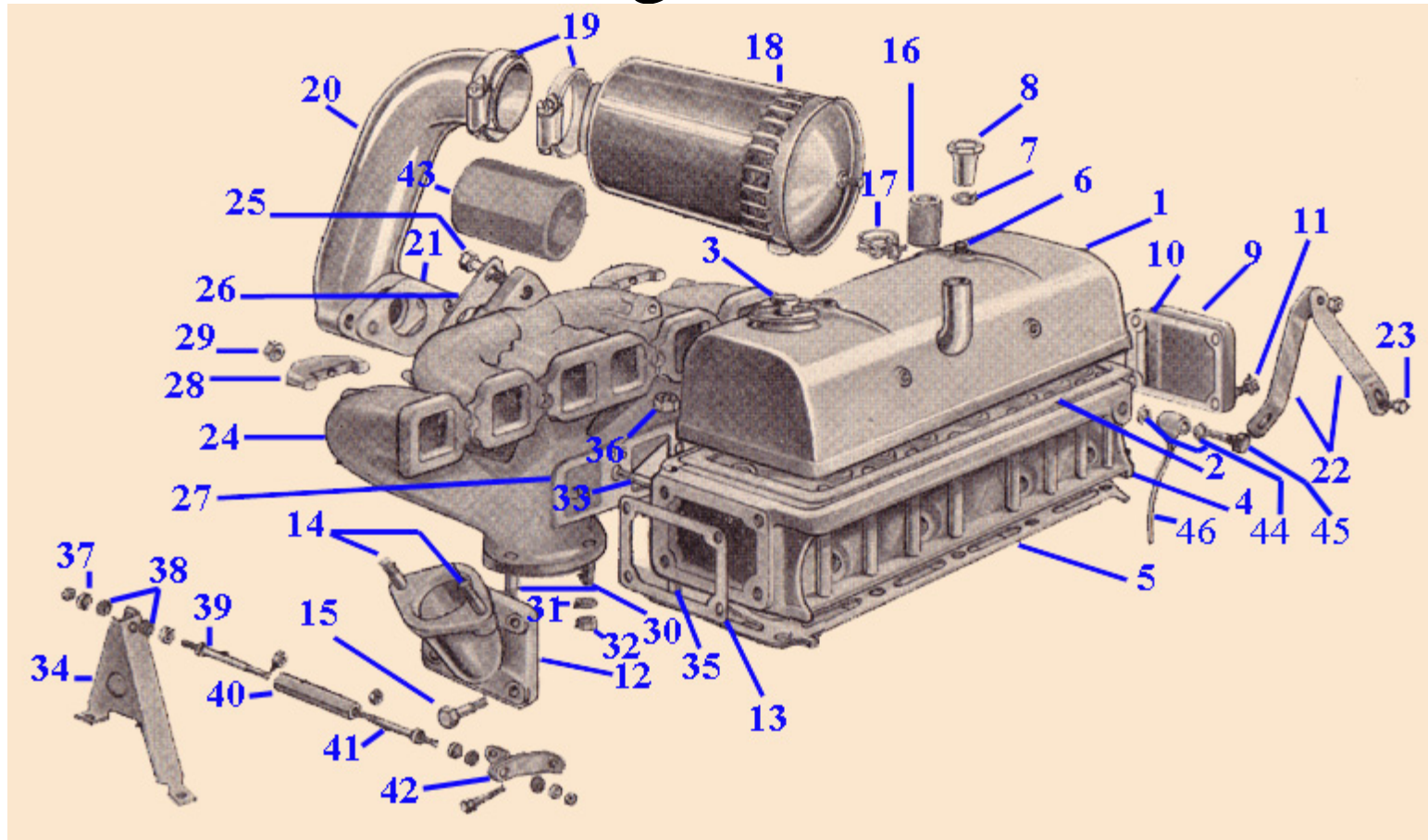


Engine A1



Ref #	Description * = suitable for unleaded head	Original Equipment MG Part Number	NTG Part Number	Moss Europe Part Number	Moss USA Part Number	Amount Required		
						YA	YT	YB
1	Rocker Cover - Original Steel	MG900/8	B152A	224-245	-	1	1	1
	Valve Instruction Plate	MG706/441	-	408-735	408-735	1	1	1
	Rivet for Plate	MG679/26	-	-	-	2	2	2

Ref #	Description * = suitable for unleaded head	Original Equipment MG Part Number	NTG Part Number	Moss Europe Part Number	Moss USA Part Number	Amount Required		
						YA	YT	YB
2	Gasket - Rocker Cover	MG862/217	G211	290-300	290-300	1	1	1
3	Oil Filler Cap - Rocker Cover	X24439	B588	433-490	433-490	1	1	1
4	Cylinder Head Studded with Guides	MG900/6	-	-	-	1	1	1
5	Gasket - Cylinder Head - see footnote . 1250cc Y, Y/T YB to engine block number 17462	MG862/454	G232B	290-000	290-000	1	1	1
	1250cc YB from engine block number 17463 to 17993	X.24481	G232C	290-100	290-100	-	-	1
	1250cc YB from engine block number 17994 to end	168423						
6	Stud - Rocker Cover – Head	MG862/181	B524B	328-770	328-770	2	2	2
7	Fiber Washer - Rocker Cover	MG862/123	B524C	324-610	324-610	2	2	2
8	Knurled Nut - Rocker Cover	MG862/218	B524	433-560	433-560	2	2	2
9	Blanking Plate - Rear of Head	MG862/419	B589	433-310	433-310	1	1	1
10	Gasket (Cork) Rear of Head.	MG900/168	G212	290-800	290-800	1	1	1
11	Screw For Rear Cover-Plate	MG862/211	B530	323-180	323-180	4	4	4
12	Water Outlet Pipe - Studded	MG900/7	B310A	434-140	434-140	1	1	1
13	Gasket for Outlet Pipe	MG862/214	G213	290-700	290-700	1	1	1
14	Stud for Thermostat	X151/45	B341	328-747	328-730	2	2	2
	Nut for Thermostat Stud	X151/16	B194A	311-100	311-100	2	2	2
	Spring washer for Thermostat Stud	X151/15	-	-	-	2	2	2

Ref #	Description * = suitable for unleaded head	Original Equipment MG Part Number	NTG Part Number	Moss Europe Part Number	Moss USA Part Number	Amount Required		
						YA	YT	YB
15	Bolt for Water Outlet Pipe	X151/30	B244	320-290	320-625			
	Spring washer for Water Outlet Pipe	X151/15	-	-	324-030	4	4	4
16	Breather Pipe Hose	MG900/102	-	-	-	1	-	1
17	Clip for Breather Hose	MG900/103	-	326-260	326-260	2	2	2
18	Air Cleaner	A1312	A574H	-	-	1	-	1
19	Bracket (Cleaner to Cover)	A1199	B110	-	-	2	-	2
20	Pipe to Air Cleaner	MG900/245	A569H	-	-	1	-	1
	Pipe to Air Cleaner	A569C/D	A569C/ A569D	373-335	373-335	-	1	-
	Bolt (Pipe to Carburettor)	X151/30	B011C	320-290	320-625	2	4	2
	Spring Washer	X151/15	-	-	-	2	4	2
21	Gasket (Pipe to Carburettor)	MG862/102	G855	294-600	294-600	1	2	1
22	Bracket (Cleaner to Cover)	MG900/246	A570J	370-918?	370-918?	2	-	2
23	Bolt (Bracket to Cover)	P151/331	-	-	-	2	-	2
	Washer (Bracket to Cover)	MG862/123	-	-	-	2	-	2
24	Exhaust and Inlet Manifold	MG900/28	B240A	-	-	1	-	1
	Exhaust Manifold		B240	454-305	454-305	-	1	-
	Inlet Manifold		B011	-	-	-	1	-
25	Bolt to Manifold	MG862/334	B011C	-	-	2	4	2
26	Gasket to Manifold	MG706/111	G856	1G2624	294-500	1	2	1
27	Gasket to Manifold	MG862/221	G131A	290-400	290-400	1	1	1
28	Clamp for Manifold	MG900/145	B195	433-630	433-630	4	4	4
29	Nut for Clamp	X151/16	B194A	311-100	311-100	4	4	4

Ref #	Description * = suitable for unleaded head	Original Equipment MG Part Number	NTG Part Number	Moss Europe Part Number	Moss USA Part Number	Amount Required		
						YA	YT	YB
30	Stud for Flanges (Exhaust pipe to header)	MG900/11	B194	328-760	328-760	3	3	3
31	Spring Washer for Stud (Exhaust pipe to header)	X151/28	-	-	-	3	3	3
32	Nut for Stud (Exhaust pipe to header)	X679/58	B242	311-768 set	311-768 set	3	3	3
33	Stud for Manifold	MG900/107	B241	328-760	328-760	4	4	4
34	Bracket for control link on frame	S44/205	B495B	411-060	411-060	1	1	1
35	Stud for cylinder head	MG679/116	B340	328-780	328-780	10	10	10
36	Nut for securing cylinder head	MG679/207	B346	311-200	311-200	10	10	10
37	Cup for link	S44/203	D564	324-988 set	324-988 set	4	4	4
38	Rubber for control link	S75/50	R079	281-158 set	281-158 set	4	4	4
39	Engine control link (R.H. Thread)	S89/35	B495	411-050	411-050	1	1	1
40	Adjuster	S105/9	B495			1	1	1
41	Engine control link (L.H. Thread)	S89/36	B495			1	1	1
42	Bracket for engine control link	S44/204	B495A	411-040	411-040	1	1	1
43	Hose for air cleaner	MG900/247	A570G	-	-	1	1	1
44	Washer for screw	MG679/546	G396	324-760	324-760	2	2	2
45	Screw (banjo to head)	MG795/194	B583	435-465 round 435-490 hexagon	435-465 round 435-490 hexagon	1	1	1

Ref #	Description * = suitable for unleaded head	Original Equipment MG Part Number	NTG Part Number	Moss Europe Part Number	Moss USA Part Number	Amount Required		
						YA	YT	YB
46	Oil pipe (gallery to head)	MG900/12	B852	435-510	435-510	1	1	1

Gasket - Cylinder Head

XPAG/SC2/17463

(22nd July 1952 - in Car No. YB/0614)

This was the first “group 3” engine, and it introduced a new cylinder block (**only**), Part No. SA.2404/11, “casting no.” 168421, with new round water circulating holes (as opposed to the pear shaped holes in earlier blocks), and a new cylinder head gasket, Part No. X.24481, with **pear** shaped water holes and a **large** rear water hole.

The background to this change was as follows:

The “TD Mark II” Midget was by this time being fitted with a cylinder block and cylinder head incorporating revised water circulating holes, ostensibly to improve circulation and cooling. (These engines were designated “XPAG/TD3” units.) Standard engines for the normal “TD”, and also for the “YB”, would in due course be changed accordingly (no doubt when supplies of the earlier units were used up! Presumably supplies of the block were used up first, because the new cylinder head with round water holes was in both cases (“TD” and “YB”) introduced later, (at XPAG/SC2/17994 in the case of the ‘YB’’)).

Great care is needed with regard to which cylinder head gasket should be used in any given situation. On earlier engines (prior to XPAG/SC2/17463), the standard gasket (Part No. MG.862/45) had pear shaped water holes and a **small** rear water hole. The introduction of the new block, SA.2404/11 (only), required the use of a cylinder head gasket with pear shaped holes, and a **large** rear water hole (Part No. X.24481). The earlier gasket was discontinued, and gasket no. X.24481 must be used whenever a new type block is fitted with an old type cylinder head, or vice versa. It can also be used for servicing earlier engines.

NB.1. When the new type block is used with the new type cylinder head, Part No. SA.2203/10, an even newer gasket, Part No. 168423, **MUST** be used. This has round water holes, and a **large** rear water hole with a reinforcing bar across the centre. (See under XPAG/SC2/17994.)

NB.2. This new cylinder block retained the machined “pad” that, on earlier blocks, was necessary for mounting the early type oil filter support bracket. The machined “pad” was the larger one that was employed on blocks with the “casting number” 24445, but on these later blocks, the three bolt holes were not provided. Likewise, the rear inlet to the oil gallery was undrilled.

NB.3. This new block did not have the “MG-in-an-octagon” badge cast into the left hand side. However, it did incorporate a small “W-in-a-diamond” motif (see Para. 9a. this chapter for details).

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