

Supplemental Information for 459-690 or ARH250 Expansion Tank MGB 1977-80

OE for Sprite from H-AN9-72034 on (1275 cross-flow, 1967-69)
OE for Midget from G-AN4-60441 on, all G-AN5 (1275 cross-flow, 67-74)
Replacement for Midget 1500 from (C)166304 on (crossflow, (76-80)

About this tank....

Every modern car on the road today uses a pressurized cooling system built around a pressurized expansion tank. These systems are designed to purge the air from the radiator and the result is better cooling.

In the early 1960s, the MG 1100 had just such a system. The Sprites & Midgets were equipped with this tank beginning in 1967, but the MGB did not get the updated cooling system until 1977. Why it took so long is anybody's guess.

To raise the boiling point, the MGB was equipped with a pressure cap, which started out at 7lbs/sq inch (63-67). It was raised to 10 lbs (68-75), then 13 lbs in 1976, then finally to 15 lbs/sq inch (77-80). The combination of the 15lb cap and this expansion tank greatly improved the efficiency of the cooling system. The volume of the cooling system was increased from 1.5 to 1.75 gallons (US) in 1977, and this also helped, as did the introduction of the electric fans.

When the tank went out of production, good used tanks were plentiful. Over time, they dried up.

When we decided to reproduce the tank, our goal was to make it as close to the original as we could, although the complicated pressings increase the cost. Finding a company willing to make them in limited quantity was also a challenge. We are pleased with the end result, and we hope you are too.



Any suggestions that you may have that will improve the information (especially detailed installation notes) are welcome. Please use the simple email form on the "Contact Us" page on the Moss website: <http://www.mossmotors.com/AboutMoss/ContactUs.aspx>
If you prefer, you may call our Technical Services Department at 805-681-3411. So many people call us for help that we are often not able to answer the calls as fast as we'd like, and you may be asked to leave a message. We apologize in advance for the inconvenience. We will get back to you within 2 business days.



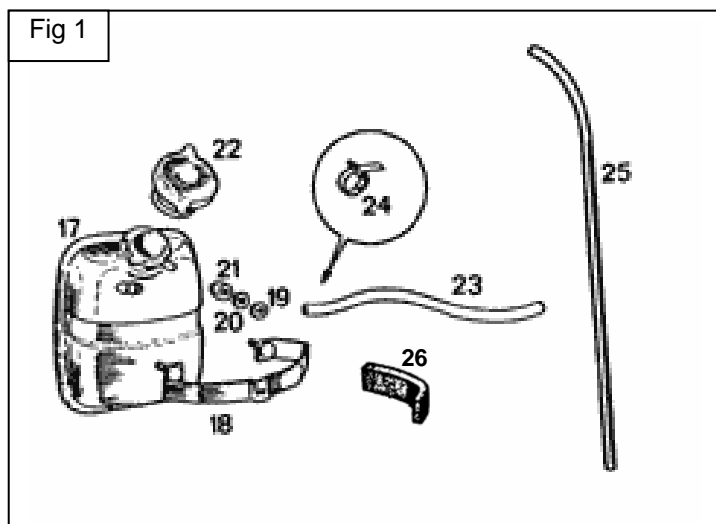
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Supplemental Information & Instructions for 459-690 or ARH250 Expansion Tank 459-691 or BHH3132 Strap, for expansion tank MGB 77-80, MGB GT V8, Sprite/Midget w/Crossflow Radiator



Non-US Applications (Sprites & Midgets)

1275cc (1967-1974) (G-AN4-66226 & H-AN9-77591 on; all G-AN5, H-AN10 & A-AN10 models

US Applications

Sprite 1275cc w/ cross-flow radiator
From H-AN9-72034 on (1967-69)

Midget 1275cc w/ cross-flow radiator
From G-AN4-60441 on, all G-AN5 (1967-74)
Midget 1500 from (c) 166304 on (1976-80)

What about the 75 Midget?

The 1975 Midget had a unique cooling system;
see the Moss catalog for details.

Ref	Moss Europe	Moss US	Description	Qty	Comment
17	ARH250	459-690	EXPANSION TANK	1	
18	BHH2132	459-691	STRAP, expansion tank	1	
19	PWZ305	315-205	WASHER, flat, 5/16 ID X 7/8 OD	2	
20	GHF332	365-730	WASHER, lock, 5/16"	2	
21	GHF222	310-290	NUT, Nyloc, 5/16 UNF	2	
22	GRC1110	459-695	PRESSURE CAP, (15 psi)	1	
23	GRH1005M		HOSE, expansion tank	1	Moss Europe sells by the meter.
		470-337	HOSE, expansion tank	36	Moss US sells by the inch
24	21K8341	021-577	HOSE CLIP, strap type, 1.5" OD	2	
25	GRH1001M		HOSE, overflow, 1/4"	1	Moss Europe sells by the meter.
		470-347	HOSE, overflow, 1/4"	36	Moss US sells by the inch
26	ACA9872	459-692	PAD, rubber (between strap & tank	1	Use on Sprites & Midgets

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