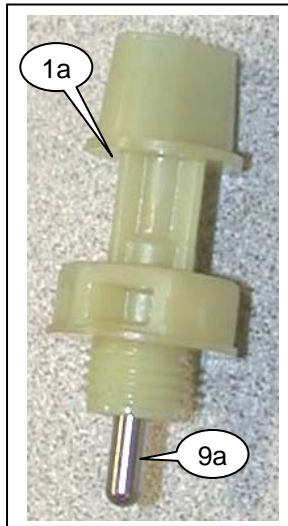
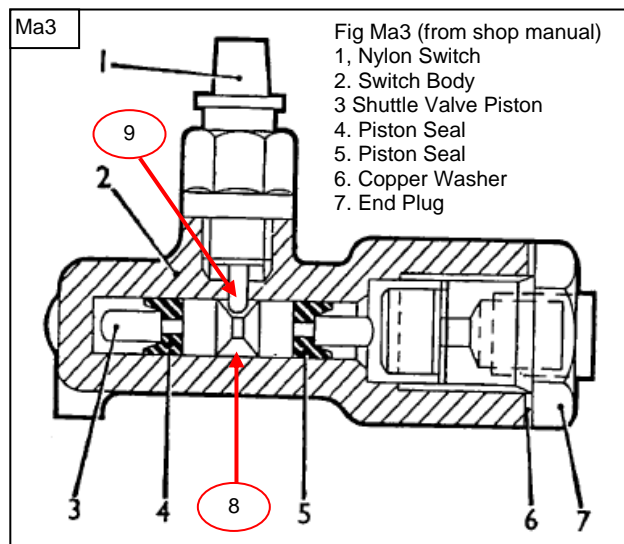


## Supplemental Information for 141-710 Body with Switch, 141-725 Switch, Brake Failure 181-985 & 181-995 Repair Kit MGB Dual Line Non-Servo Master Cylinder 1968-74 1/2



**Please Note:**  
*The information presented here does not replace the factory workshop manual, which must be your guide to servicing these components.*

Ref	Part#	Description	Application
Ma3	141-710	SWITCH & BODY ASS'Y, brake pressure failure	MGB 64-74.5
1, 1a	141-725	SWITCH, brake pressure failure	MGB 64-74.5
	181-985	REPAIR KIT, original assembly	RD/GT to (c)167815
	181-995	REPAIR KIT, original assembly	RD/GT from (c)167816
2		Switch Body (not available)	
3		Shuttle Valve Piston (not available)	
4		Seal, piston (in the repair kit)	
5		Seal, piston (in the repair kit)	
6		Copper sealing washer (in the repair kit)	
7		End plug (not available)	
8		V-shaped groove in the shuttle piston	

### What is This?

The piston (3) in the body (2) has two o-rings (4 & 5) on the piston. The middle of the piston has a v-shaped groove (8) and the plunger (9, 9a) of the 141-725 switch (1) rides in that groove. The ends of the piston are exposed to the fluid in the brake system. The space in middle of the body between the two o-rings (where the switch is) is dry – there is not brake fluid here normally.

**How it Works:** One end of the piston (3) is exposed to pressure in the front brake circuit, and the other end of the piston is exposed to pressure in the rear brake circuit. When you step on the brakes, the pressure on both ends of the piston are the same, and the piston does not move. If there is a break in either the front or rear brake hydraulic lines, the difference in pressure between the front and rear circuits will push the piston to one side. The plunger (9, 9a) of the switch rides up the "ramp" of the v-shaped groove (8) and completes the electrical circuit and the brake failure warning light on the dash comes on.

### But Brake Fluid is Coming Out of my Switch...

If brake fluid is weeping past the switch (1) you need to replace the seals on the piston (4 & 5). Order the repair kit that is appropriate for your MGB – note the change point is based on a chassis number.



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