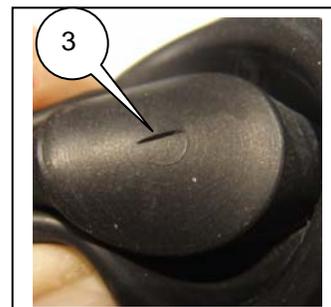
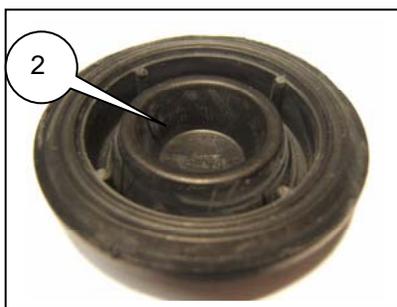


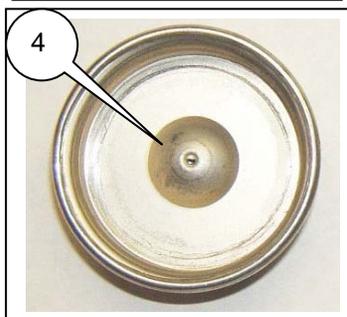
1 **Supplemental Information**  
2 **for**  
3 **582-505 Gasket for Reservoir Cap, No-Splash**  
4 **Austin Healey & Triumph with Girling Fluid Reservoir**

5 ***What's wrong with the original type gasket?***

6 *As a seal for the lid, nothing. However, because Girling changed the orientation of the vent hole in the*  
7 *caps for the reservoir so the inner and outer holes are in line, brake fluid can splash out through the vent*  
8 *hole and make a mess. Depending on which type of brake fluid you use, the paint on the underside of the*  
9 *hood or in the area around the reservoir can be damaged. The ring-type seal does nothing to limit the*  
10 *exposure of the brake fluid to atmospheric moisture, and that is significant.*



21  
22 This gasket (1) covers the top of the reservoir completely.  
23 The underside of the gasket (2) is formed with a "well" that sits  
24 over the top of the dome (4) on the underside of the cap.  
25 The gasket has a very small slit (3) that will allow air to bleed in  
26 and out. When the gasket is installed in the cap (5), the vent hole  
27 is completely shielded, and brake fluid can no longer splash out  
28 through the vent hole.



29  
30 There's another important benefit of using this seal. DOT3, 4, and  
31 5.1 brake fluids are all glycol based and therefore hygroscopic,  
32 meaning they readily absorb water from the atmosphere. This  
33 lowers the boiling point of the fluid, necessitating a complete  
34 brake fluid drain & replacement every 12 to 24 months. Modern  
35 master cylinder reservoirs use a variety of design features to limit  
36 the exposure of the brake fluid to the air. That is one of the  
37 reasons all modern brake fluid reservoirs are clear plastic-  
38 removing the cap dumps a fresh load of moisture laden air into  
39 the reservoir. Because it covers the filler neck opening, this  
40 gasket also reduces the exposure of the brake fluid to moisture  
41 laden air. Unfortunately, the cap still has to come off to check the  
42 level.



43  
44 **Questions? Please use the simple email form on the "Contact Us" page on the Moss website:**

45 <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.*



**Moss Motors, Ltd.**

440 Rutherford Street, Goleta, California 93117  
In the US & Canada Toll Free (800) 667-7872 FAX (805) 692-2510 (805) 681-3400

**Moss Europe Ltd.**

Hampton Farm Industrial Estate, Hampton Road West, Hanworth Middlesex, TW13 6DB  
In the UK: 020-8867-2020 FAX:- 020-8867-2030