

51M 0025

### Check your plastic breather pipe is not missing

Derek Squires highlights a check worth making on your RV8 back axle.

Went into my garage a couple of weeks ago and saw something lying on the floor under the back of the RV8. Turned out to be the plastic rear axle breather (19), which had sheared off at the top of the short threaded section that holds it into the axle, and so I now have an open hole of about 7mm diameter in the top of the axle to let in water and grit! Readily obtainable, but if it had fallen off on the road, I'd never have noticed that it was missing. My RV8-owner friend here in southern Spain has just crawled under his car, and his is

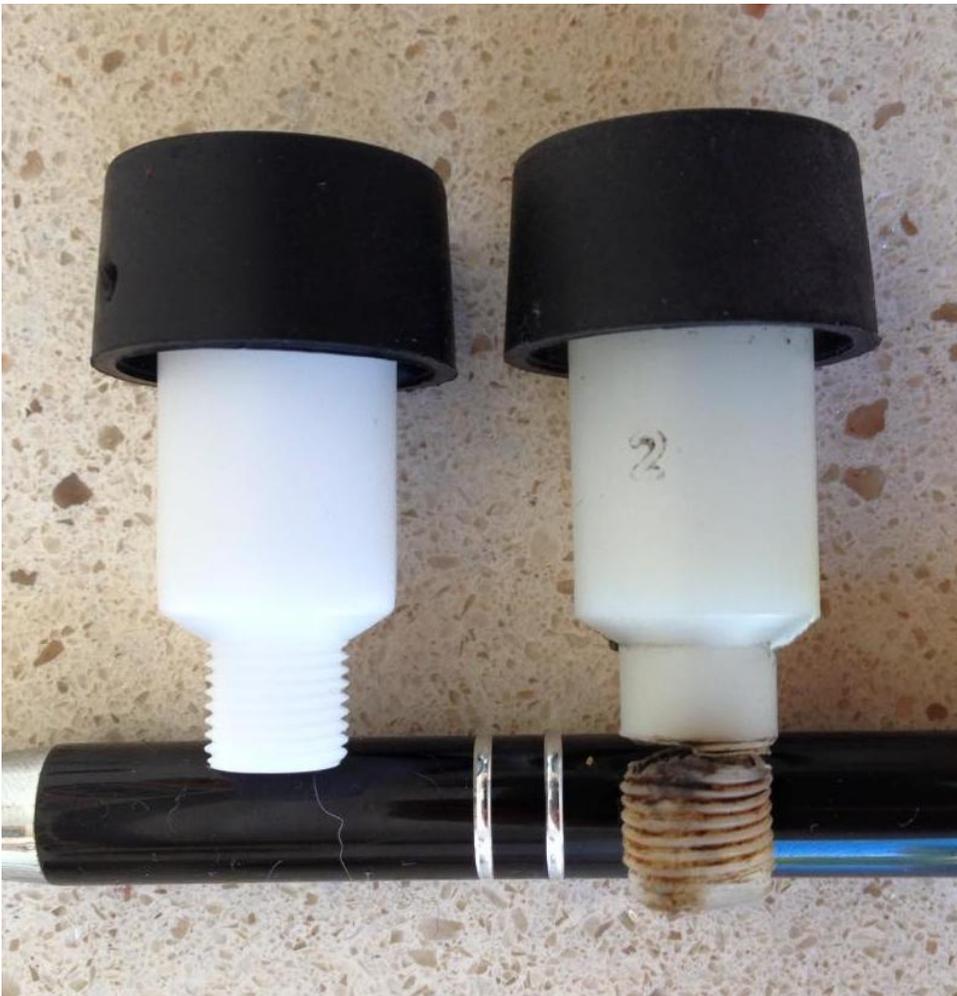
missing as well.

Might be worth a check that you still have one on your RV8! You can find it on top of the axle, right-hand side, just outboard of the differential.

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|--------------------------|--|
| 1. Rear cover            | 12. Bearing, 'O' ring and bearing collar |
| 2. Carrier bearing cap   | 13. Collapsible spacer                   |
| 3. Pinion                | 14. Oil seal                             |
| 4. Bearing               | 15. Pinion drive flange                  |
| 5. Shims                 | 16. Washer                               |
| 6. Crown wheel           | 17. Pinion nut                           |
| 7. Differential assembly | 18. Propeller shaft                      |
| 8. Oil shield            | 19. Breather                             |
| 9. Brake back plate      | 20. Rear axle casing                     |
| 10. Bearing retainer     |  |
| 11. Half shaft           |  |

Diagram: RV8 Repair Manual AKM7144ENG

The replacement parts are listed by Brown & Gammons as **ZXC5726** for the RV8 and **21H6060** for the GTV8.



Derek Squires later posted a note saying "further to my previous post concerning the RV8 rear axle breathers, I've just fitted a correct replacement (**ZKC5726**) from Brown & Gammons. This is about 6mm shorter/lower than the (MGB) breather that was on my car, as it doesn't have the unthreaded narrow section, and it has a small ball-bearing inside the cap to act as a non-return, which the old one didn't have - although it may just have been missing. So I can confirm that the RV8 breather is slightly different to the **21H6060** for the MGB which is illustrated on the B & G website.

In the photo alongside, the threaded section of the MGB breather (at the bottom right in the photo) screws into the top of the axle. The discoloured portion on the righthand breather is the broken thread that was still in my axle. A black rubber cap sits on the top of the breather."

