

Mercedes-Benz Relay Grommet Replacement

October 18, 2010

Rubber grommets were used to mount the four and five post Bosch relays (O 332 008 001) and (O 332 202 001) to metal brackets. These relays were used on many six cylinder Mercedes cars of the sixties and operated the emissions controls, cold start devices and accessories such as windows.

The grommets functioned as a mount as well as a vibration isolator. They are now over forty years old and are cracked and hardened and are not as effective as when new. The grommet assembly consists of a soft 50 shore-A rubber piece and a brass brad. The brass brad has to be reused but can be polished and clear coated to maintain its appearance for years to come.

These grommets match the dimensions and hardness of the original grommets perfectly and require no alterations. They have been tested for oil and water resistance and have held up well.

To replace the grommet assembly:

- First remove the relay from the bracket via two screws
- Next slide the grommets off the relay's mounting ears
- Either cut or press off the old grommet from the brass brad
- Polish brass brad and plate mounting screws if desired
- Press new grommet on brass brad
- Reinstall relay with the two mounting screws

Tips –

The new rubber grommets have one face that is a ground surface and one that is a smooth molded surface. Position the smooth, molded surface facing outward so that it will be visible. There is also a very thin “air bleed” web that can be seen in the center groove of the grommet. Position the air bleed web next to the mounting ear of the relay so that it cannot be seen.