



BMW E 31, E 38, E 39, E 36

Poor radio reception.

If there are complaints about poor radio reception with these vehicles, one possible cause is an interruption in the angled aerial plug on the radio. Excessive mechanical strain can cause the wire inside the aerial cable to break near the connection point to the aerial plug. To eliminate the fault, a new aerial plug has to be installed. To do this proceed as follows:

- Remove¹ the radio and pull the aerial cable off.
- Nip off the old aerial plug.
- Insulate the aerial cable (Fig. 1).
- Shape the inner wire (Fig. 2).
- Push the new aerial plug on and attach to the inner wire using one solder point (Fig. 3).
- Crimp the cable guide and strain relief using the crimping tool and put the plastic cover on the aerial plug (Note: make sure that the inner wire and the shield do not come into contact with one another).
- Install the components in reverse order and check their function.

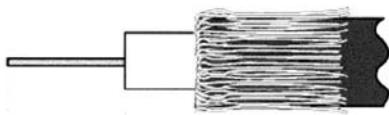


Fig. 1

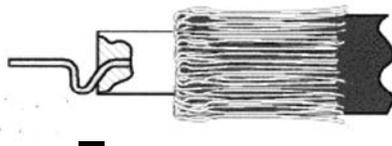


Fig. 2

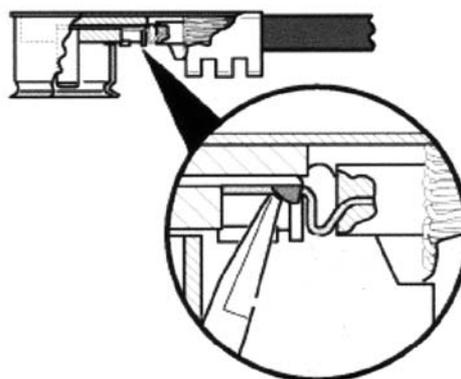


Fig. 3