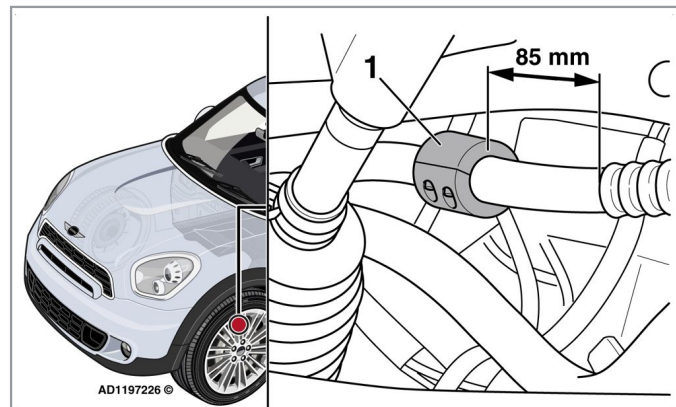


AUTODATA TECHNICAL

Autodata, UK supplier of technical information to the automotive aftermarket, shares fixes and problems raised through its technical helpline, available to all UK customers.

Q A service customer of ours has a 2011 1.6 petrol MINI Countryman which is suffering with a humming noise when the air conditioning is operating. We have checked that the AC refrigerant level is correct and we have checked that all the air conditioning pipes are fitted securely in their retaining clips, however we cannot find the source of the humming noise. Can you help?

A Yes, the fault you describe affects several petrol MINI models within the year ranges 01/10/09-10/01/12. The noise is due to resonance from the AC low-pressure hose when the air conditioning is operating. Locate the AC low-pressure hose in the area of the LH front wheel arch. Fit a mass damper, available from MINI parts department, onto the AC low-pressure hose Fig.1.1. Ensure the mass damper is fitted 85 mm from the crimped section of AC hose. Operate the air conditioning to ensure the noise has been eliminated.



For further information on our exclusive RMI and Autodata joint membership offer, please contact the RMI member helpline on 01788 225 908.