

# TECHNICAL BULLETIN



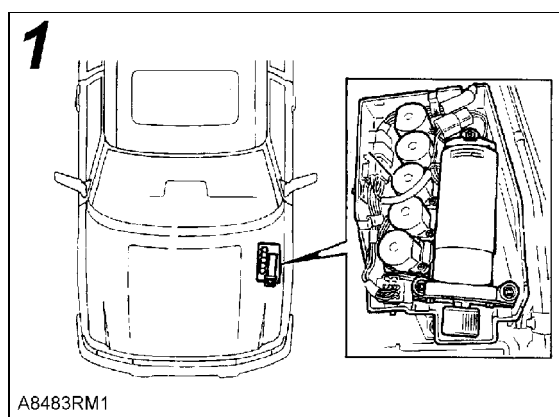
**MODEL/DERIVATIVE:**  
Range Rover

**Bulletin :** 0012  
**CDS ref:** 10483bu  
**Issue:** 1  
**Date:** 02.06.99

**AFFECTED RANGE:**  
All vehicles up to VIN XA 420550

**PROBLEM:**  
**ELECTRONIC AIR SUSPENSION (EAS) NOISE - COMPRESSOR MOUNTS**

Reports of a droning noise transmitted into vehicle. The noise is apparent in the region of the front left hand corner of the vehicle and on investigation is found to originate from the air supply unit ( illustration 1 ).



**CAUSE:**  
Deterioration of the EAS compressor rubber mounts.

**ACTION:**  
Modified compressor mounts have been fitted to all vehicles from VIN XA 420550 onwards. These latest mounts can be fitted to earlier vehicles by following the procedure below:

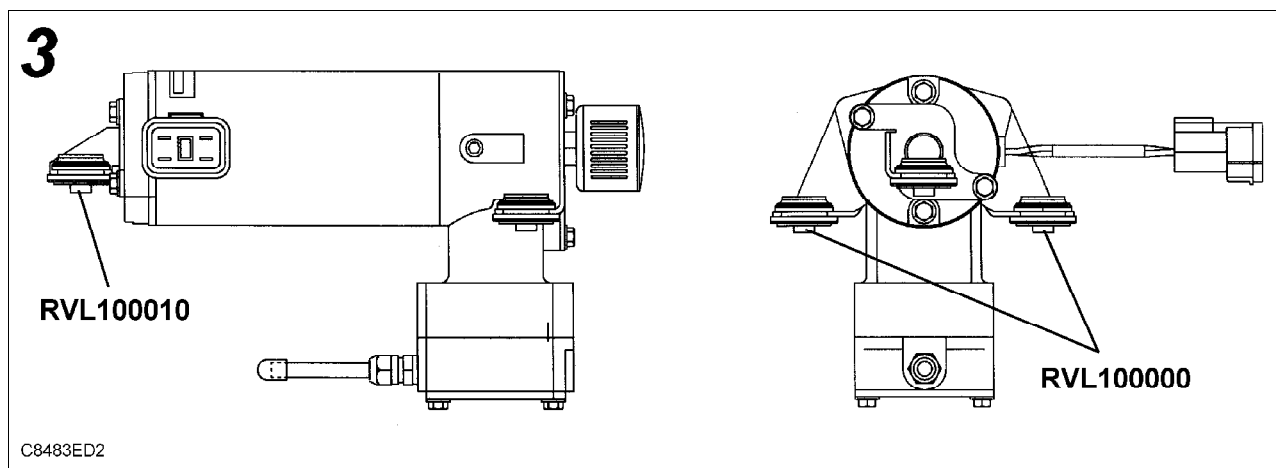
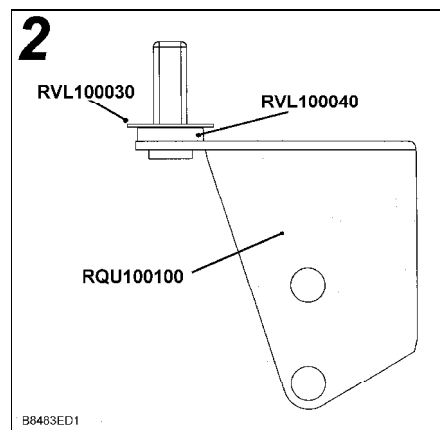
1. Remove the EAS compressor, Workshop Manual repair number 60.50.10 refers. Retain for reuse the 3 mounting nuts and dished washers, noting their original fitted orientation, ( see illustration 4 ).

**NOTE** Operations 2 and 3 apply only to vehicles up to VIN WA 398798. For vehicles in VIN range WA 398798 to XA 420550, ignore operations 2 and 3 and proceed to operation 4.

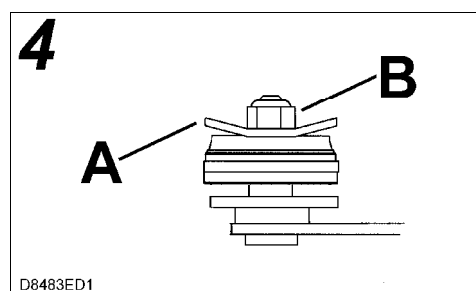
2. Replace the compressor mounting bracket for later part RQU100100. To ensure the bracket is aligned correctly, temporarily locate the compressor in position while aligning the bracket. Hold the bracket in a stress free position and tighten bracket fixings. Place compressor to one side for re-fitment later.

**NOTE:** The modified bracket is required to provide increased thread length for the new compressor mount.

3. Referring to illustration 2, fit nylon spacer RVL100040 to bracket stud then fit flat washer RVL100030 on top of nylon spacer.
4. Remove the 2 lower front dished washers from their location in the distribution box and replace with new flat washers RVL100030.
5. Push out the 3 old mounts from the compressor assembly. Replace the 2 front mounts with new parts RVL100000 and the single rear mount with RVL100010, ensure they are fitted in the correct orientation (see illustration 3).



6. Refit the compressor as described in the Workshop Manual, repair number 60.50.10, ensuring that the compressor mounts are located centrally on the studs. Referring to illustration 4, refit the original dished washers 'A' and nuts 'B' to each mount, ensuring orientation is as shown. Tighten fixing nuts to 2 Nm maximum. **IMPORTANT** - do not over-tighten fixings since this will damage the new mounts.



#### PARTS INFORMATION:

Part description:	Part number:	Quantity Required:
Bracket-compressor (s <i>Parts note</i> )	RQU100100	1
Rubber mount - front	RVL100000	2
Rubber mount - rear	RVL100010	1
Washer - flat	RVL100030	3
Spacer - nylon	RVL100040	1

**Parts note;** Bracket-compressor part number RQU100100 is only required for vehicles prior to VIN WA 398798.

**WARRANTY CLAIMS:**

**Use Complaint Code: 5Y3K**

**Use S.R.O.: 60.50.89/29 All applications**

**Time allowance: 0.30 Hrs**