

## Compressor Assembly

**ATTENTION: BEFORE FITTING THIS PART PLEASE READ THIS SHEET FULLY. FAILURE TO COMPLY WITH ANY OF THESE GUIDELINES WILL INVALIDATE YOUR WARRANTY.**

In an effort to improve the fitment and operation of this part please take a moment to familiarise yourself with the information provided on this sheet.

**The Self-Levelling Suspension System (SLS) may exhibit one or more of the following faults:**

- > A deterioration of ride quality
- > The air suspension warning light is illuminated
- > The rear air suspension deflates

### Cause

Water in the SLS system causes the air suspension compressor (RQG100041) to fail, there are two possible water ingress points:

- > The inlet filter quick fit pipe connection
- > The inlet filter cap

Once a new compressor is fitted, water cannot enter the unit other than from within the vehicles air suspension system, It is therefore essential that prior to fitting a new unit the cause of failure is investigated. The failed compressor and the air suspension pipes should be inspected for the presence of any water/moisture. If the presence of any water/moisture is confirmed then this must be rectified prior to fitment of a new unit (see fitting instructions below). **ANY UNIT RETURNED UNDER WARRANTY WILL BE REJECTED IF WATER INGRESS IS CONFIRMED BY OUR SUPPLIER.**

We also recommend that prior to fitting a new compressor you check the SLS system for air leaks, this can cause constant running of the compressor eventually leading to the unit overheating and burning out.

**ANY UNIT RETURNED UNDER WARRANTY WILL BE REJECTED IF MOTOR BURN OUT DUE TO A SUSPECTED AIR LEAK IN THE SLS SYSTEM IS CONFIRMED BY OUR SUPPLIER.**

**We recommend that you adhere to the following instructions when fitting a new RQG100041:**

- > Remove both rear air springs, Refer to Workshop Manual, part number VDR100090 (6th edition), Rear Suspension, Air Spring—SLS, repair number 64.21.01.
- > Invert both air springs, manually pump up and down five times to remove water/moisture from within the air springs.
- > Leave air springs inverted
- > Renew the SLS air suspension compressor unit. Refer to Workshop Manual, part number VDR100090 (6th edition), Rear Suspension, compressor unit - air - SLS, repair number 64.50.10.
- > Renew the SLS air suspension pipes - **IMPORTANT - When securing the new air suspension pipe, the pipe or cable ties MUST NOT contact with the brake pipes or the wiring harness.**
- > Renew the SLS intake filter. Refer to Workshop Manual, part number VDR100090 (6th edition), Rear Suspension, filter - Intake - SLS, repair number 60.50.12.
- > Fit both rear air springs, Refer to Workshop Manual, part number VDR100090 (6th edition), Rear Suspension, Air Spring—SLS, repair number 64.21.01.

### Parts Information:

RQG100041 - Compressor Assembly, RQB000540 - Air Intake Filter, RQM100012 - SLS air suspension pipe assembly