

TECHNICAL TOPICS

BODY/CHASSIS



Air Conditioning Operation

16 - 21MY RR Evoque, Discovery Sport

Customer Voice:

- A customer may report the air conditioning system is not cooling properly.

Technical Description:

- This may be caused by a vehicle that is in a low state of refrigerant charge.
- A/C compressor have been replaced and return of the compressors for analysis has found no fault with the compressor unit.

Status:

- Analysis of retuned parts suggest that system refrigerant leaks are being misdiagnosed. O-ring leaks at the compressor pipe connections can be misdiagnosed as a leaking compressor assembly if not checked carefully.
- **Guided Diagnostics** and symptom driven pinpoint tests are available on **TOPIx**. **Workshop Manual> Section 412-00> Diagnosis and Testing** to aid in properly diagnosing HVAC system performance concerns and should be followed to ensure a correct first-time diagnosis/ repair is made.

