

Reference	SSM72242
Models	Discovery Sport / L550 Range Rover Evoque / L538
Title	Air Conditioning Inoperative Low Gas 1234yf Systems
Category	Electrical
Last modified	13-Apr-2015 00:00:00
Symptom	208000 Climate Control
Attachments	SSM schrader valve.pdf

Content **Issue**

Air conditioning not working (1234yf system) found to have no or insufficient amount of refrigerant gas in the system. No leaks are found and vehicle passes vacuum / pressure test during evacuation and refill, system then works after refill.

Cause

During initial evacuation process within the factory small pieces of debris may be drawn into the "Schrader" vacuum ports, this can prevent the valve from closing correctly or damages the seal allowing the refrigerant to leak. (Please see attachment for examples)

Action

- Evacuate system
- Remove valves from pipes and inspect for damage / debris.
- Remove any debris and refit valve.
- Recharge system and re check.

Please submit EPQR's with pictures of any damage / debris found





