

TECHNICAL BULLETIN



MODEL/DERIVATIVE:
Freelander
Discovery Series II

Bulletin N°: 0018
CDS. ref: L8673bu
Issue: 1
Date: 15.08.01

AFFECTED RANGE:

All diesel engine vehicles fitted with Fuel Burning Heater (FBH) in VIN ranges:

Freelander	1A 576764	to	1A 599999
	1A 300000	to	TBC
Discovery Series II	XA 900012	to	XA 907214
	XA 200412	to	1A 299999
	1A 700000	to	TBC

PROBLEM:

POOR HEATER PERFORMANCE FROM COLD ENGINE START UP

The customer complains of excessive delay in obtaining satisfactory heater output following a cold start.

CAUSE:

Due to an excessively wide sensing tolerance, the outside air temperature sensor may not activate the FBH until the ambient temperature is as low as 0° C.

This renders the FBH inactive at temperatures where its additional heat output would be beneficial in assisting with engine and heater warm up.

ACTION:

On customer complaint, replace the outside air temperature sensor with the new narrow range sensor detailed in *PARTS INFORMATION*.

FREELANDER

Refer to Workshop Manual repair number 80.40.31 for repair procedure, noting the following:

- Position sensor to bracket with electrical connection uppermost.
- Fit rubber / nylon washer to sensor with rubber face next to bracket.
- Fit multiplug to sensor and push firmly together. Ensure that the multiplug latches to sensor.

DISCOVERY

1. Remove front grille upper fixings and ease the top of the grille forward.
2. Disconnect multiplug from sensor.
3. Remove sensor from mounting bracket and retrieve rubber/nylon washer.

4. Position sensor to bracket, ensure electrical connection is uppermost.
 5. Fit rubber / nylon washer to sensor with rubber face next to bracket.
 6. Fit multiplug to sensor and push firmly together. Ensure that the multiplug latches to sensor.
 7. Reposition front grille and secure.
-

PARTS INFORMATION:

JWL000020 Sensor - outside air temperature

NOTE: The body of the new part is now moulded in green to distinguish it from its predecessor.

WARRANTY CLAIMS:

Use Complaint Code: 6Y2A

Use SRO: 80.40.31

Time allowance: Freelander 0.40Hrs

Discovery 0.10Hrs