

TECHNICAL BULLETIN



MODEL/DERIVATIVE:

Discovery Series II
Freelander
Defender

Bulletin N^o: 0007
CDS. ref: L8707bu
Issue: 2
Date: 05.09.01

AFFECTED RANGE:

Model / Derivative	Affected VIN range
Discovery Series II V8 Petrol	XA200583 to YA256307
Discovery Series II Td5 Diesel	XA200583 to YA254980
Discovery Series II V8 & Td5	XA900000 to XA907212
Discovery Series II CKD	XA920000 to XA920147
Defender Td5 Diesel	XA161676 to YA185513
Defender Td5 CKD	XA829247 to XA833265
Freelander 'L' Series Diesel	XA651586 to YA699999 YA500000 to YA524851

RE – ISSUE INFORMATION:

PARTS INFORMATION: - Part details amended.

Please destroy your existing copy and replace with this Issue 2.

PROBLEM:

COOLING PERFORMANCE

- *V8 petrol* – During cold to moderate ambient temperatures (5 °C to 20 °C) the customer may experience engine overheating either under normal operation and/or prolonged engine idle conditions.
- *Td5 and 'L' Series diesel* - During cold to moderate ambient temperatures (5 °C to 20 °C) the customer may experience prolonged 'in cab' heater warm up times. Loss of performance due to fueling 'de-rate' may also be experienced under high load/duty conditions with the temperature gauge reading normal.

CAUSE:

The thermostat may have been manufactured away from specification, allowing a small amount of coolant to bypass the thermostat from the cold side of the system.

ACTION:

Where a customer complaint of the above is confirmed, replace the thermostat. Refer to *PARTS INFORMATION* for thermostat application details.

Refer to Workshop Manual repair number 29.45.09 for repair procedure.



Freelander 'L' Series only – Carefully remove the thermostat cover by using a gentle (twisting and pulling) action, if the inner core of the oil cooler is disturbed at this stage this would necessitate the fitment of a new oil cooler.

PARTS INFORMATION:

Model	Description	Part Number
Discovery / Defender V8 and Td5	Thermostat	PEM 100990K
Freelander 'L' Series	Thermostat	PBM 100040K
	'O' ring	LUE 100110K
	Thermostat cap	PBQ 100010K

NOTE: Freelander 'L' Series - Only replace the thermostat cap if damaged during removal.

WARRANTY CLAIMS:

Use Complaint Code: 2C4U

Discovery V8

Use S.R.O.: 26.45.09

Time allowance: 1.30 Hrs

Discovery Td5

Use S.R.O.: 26.45.09

Time allowance: 1.70 Hrs

Defender Td5

Use S.R.O.: 26.45.09

Time allowance: 1.20 Hrs

Freelander 'L' Series

Use S.R.O.: 26.45.09

Time allowance: 1.00 Hrs