

TECHNICAL INFORMATION

SERVICE ACTION Throttle Body Heater Gasket Replacement



No: H230
Ref:
Issue 1
Date 12/08/00

AFFECTED VEHICLE RANGE:

DISCOVERY SERIES II (LT)

XA200412 to XA208015
XA900000 to XA904569

SITUATION:

DURABILITY IMPROVEMENTS TO THROTTLE BODY HEATER GASKET

A change in material used for the throttle body heater gasket improves the service life of the component.

RESOLUTION:

REPLACE GASKET WITH NEW SPECIFICATION GASKET

Under this Service Action the new-specification throttle body heater gasket will be installed to improve the reliability of the vehicles within the specified VIN range.

PARTS INFORMATION:

NOTE: Early specification spare parts held in retailer inventory may be returned using the PAF claim process. Use reason code OH and reference this TIB on the claim.

MGM000010KThrottle body plate kit Qty 1
ERR6623.....Throttle body gasket Qty 1

ITEMS INCLUDED IN THE MATERIAL ALLOWANCE:

- (Locally Sourced)Liquid gasket remover As Required
- LRN0002LABELCampaign label Qty 1 (Order quantity 1=100)

WARRANTY CLAIMS:

H230 (Option 1) Time 1.00 hrs.
Perform gasket replacement
Material Allowance: \$2.00

H230 (Option 2) Time 0.20 hrs
Inspect throttle body and determine that Service Action is ***not*** required

NOTE: In order to determine if a specific vehicle is affected by this Service Action, it will be necessary to utilize the Vehicle Warranty/Recall Search function of the DCS - Land Rover Link On-line. Based on the response of the system, either proceed with the corrective action or take no further action.

Normal warranty policy and procedures apply

TIB H230	CIRCULATE: TO	Service Mgr. X	Warranty X	Workshop	Body Shop	Parts X
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REPLACEMENT OF THROTTLE BODY HEATER GASKET

INSPECT TO DETERMINE THROTTLE BODY PART NUMBER

1. Locate the part number tag on the throttle body.
2. If the part number on the label is **not** "MHB101890," go to "Campaign Label Installation" and perform label installation to identify that the vehicle has been inspected. Claim Option 2.
3. If the part number on the label is "MHB101890," complete the repair.

SERVICE ACTION REPAIR

1. If the part number tag reads "MHB101890," remove the throttle body following Workshop Manual procedure in Section 19.22.45.
2. Disassemble throttle body as follows:
 - Remove the three water jacket screws.
 - Remove the water jacket cover.
 - Discard the cover, screws, washers and gasket.



CAUTION: Metallic tools or abrasive material can cause damage to the gasket surfaces. Only liquid gasket remover should be used.

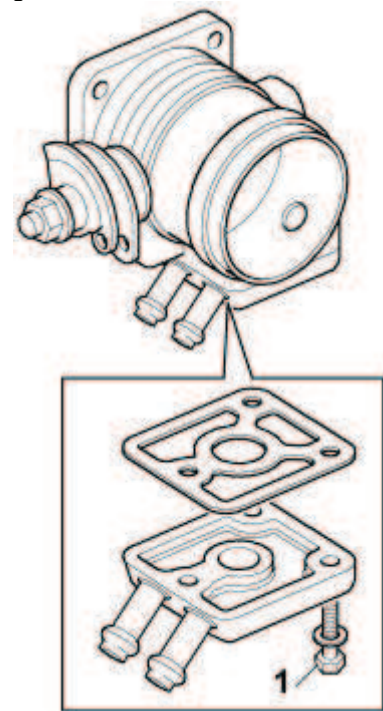
3. Remove the remains of the old gasket from the throttle body using care not to damage the housing.
4. Ensure the throttle body water jacket cover mating face is thoroughly clean.
5. Install the gasket, cover and screws supplied in kit MGM000010K. (Figure 1)
6. Tighten the screws to **4.0 – 4.5 Nm (35.4 – 39.8 lbf.in.)**.
7. Apply the new identification label to the throttle body.
8. Verify that the mating faces of the throttle body and inlet manifold are clean and all gasket material is removed.
9. Refer to Workshop Manual Section 19.22.45 and install the throttle body using a new gasket (ERR6623).
10. Install coolant hoses using clamps previously removed.



WARNING: Spilled fluids can be a hazard. Ensure that any fluids spilled during repairs in the under-hood area are cleaned up.


11. Top up the coolant system.
12. Road test the vehicle and verify no leaks are present.

Figure 1



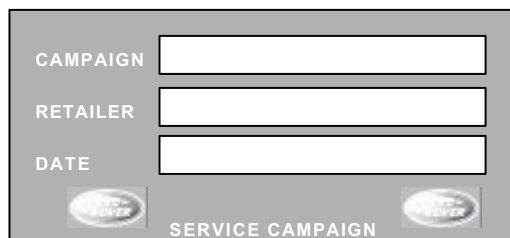


CAMPAIGN LABEL INSTALLATION

 **NOTE:** Campaign labels may have multiple campaign numbers written on them if multiple campaigns are performed at the same time.

1. When all specified repairs have been accomplished, prepare the campaign label (LRN0002LABEL) as follows:
 - a) Place the label on a hard surface.
 - b) Use a ballpoint pen to neatly write/scribe in the bare aluminum areas of the label the following information:
 - Service Campaign code performed ("H230")
 - Your Retailer code
 - The date of repair
2. Peel the label back, apply to radiator support and roll the label with the special roller.

Figure 2

The image shows a rectangular form for a campaign label. It has three horizontal input fields. The first field is labeled "CAMPAIGN", the second "RETAILER", and the third "DATE". Below the fields, there are two small circular logos on the left and right, and the text "SERVICE CAMPAIGN" is centered at the bottom.