

TECHNICAL BULLETIN



MODEL/DERIVATIVE:
Discovery Series II
Defender

Bulletin N°: 0025
CDS. ref: L8658bu
Issue: 1
Date: 09.05.01

AFFECTED RANGE:

All Td5 diesel derivatives in VIN ranges:

Discovery Series II - XA 900012 to 1A 999999
- XA 200412 to 1A 297400
Defender - XA 159810 to 1A603700

PROBLEM:

OIL LEAKAGE FROM THE CAMSHAFT COVER TO CARRIER JOINT

A customer complaint of oil leakage is confirmed to originate from the rear of the camshaft cover.

CAUSE:

Oil leaking through the camshaft cover joint at the gasket 'D' section to the rear of the fuel injector rocker shaft.

The rear acoustic cover foam pad becomes saturated with oil which eventually runs down the rear of the engine to drip from the engine back plate/gearbox bell housing.

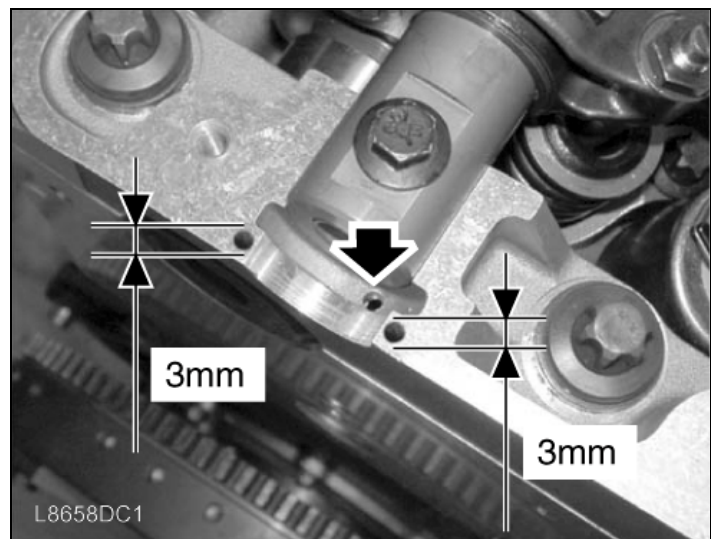
This can easily be mistaken for an engine rear seal or gearbox input seal leak.

ACTION:

At VIN 1A 297400 (Discovery II) and 1A 603700 (Defender), an operation to apply sealant to the rear of the camshaft carrier was introduced during manufacture.

This process should also be used for all future repairs where the camshaft cover to carrier joint is disturbed.

Refer to illustration and Workshop Manual repair number 12.29.40, together with the following additional information, for the repair procedure.



Additional Information

- Prior to fitting the new gasket, apply two 3mm diameter beads of sealant STC50551 to the camshaft carrier in the locations shown in the illustration.



Use of excessive sealant can result in blockage of the oil drain hole in the lower centre of the 'D' shaped cut out, (arrowed in illustration).

- **Remainder of assembly is as described in Workshop Manual, repair number 12.29.40.**

PARTS INFORMATION:

STC50551 Flexible Adhesive and Sealant - 300ml

ERR7094 Gasket - camshaft cover

ERR7266 Sealing grommet - camshaft cover

WARRANTY CLAIMS:

Use Complaint Code: 1S1N

Use S.R.O.: 12.29.40

Time allowance: All models - 0.50Hrs

One 300ml tube of sealant is sufficient for many repairs. Claims should therefore reflect this with sealant claimed as a ZZZ1 value.