

TECHNICAL INFORMATION



Oil Filter Adapter Joint Leak

No: 12/01/04/NAS
FGN
Ref:
Issue: 1
Date: 28 October 2004

AFFECTED VEHICLE RANGE:

Discovery Series II (LT)

3A771055 to 4A859333

SITUATION:

OIL FILTER ADAPTER LEAK

Poor surface finishing during manufacture of the oil filter head adapter sealing face results in an uneven surface which does not completely seal against the engine block during assembly.

RESOLUTION:

DETERMINE LEAK PATH AND REPLACE ADAPTER

Upon customer complaint of an oil leak from the oil filter area, determine that the leak is from the adapter joint area. Replace leaking adapter with a new part manufactured to improved surface tolerances.

PARTS INFORMATION:

LPY000011Oil filter adapter Qty 1
ERR7308O-ring Qty 1

DDW WARRANTY CLAIMS:

DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

Description	SRO	Time (Hours)	Condition Code	Causal Part
Oil filter head adapter - renew	12.60.03	0.20	05	LPY000010

Normal warranty policy and procedures apply.
Material allowance is included in labor operation.

TIB 12/01/04/NAS	CIRCULATE: TO	Service Mgr X	Warranty X	Workshop X	Body Shop X	Parts X
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REPAIR PROCEDURE

INSPECT LEAK PATH AND REPAIR



**NOTE: GTR lookup sequence is as follows:
GTR Home > NAS > Service Information/ LT
Discovery Series II>2004 > Workshop Manuals >
Service Procedures > Bookmark "Engine V8 12-2-1"
> TOC "Repairs/Filter- oil" link**

1. Position a catch pan under the oil filter and adapter.
2. Refer to Global Technical Reference (GTR), section 12.60.04 and remove the oil filter.
3. Remove the four bolts securing the oil filter head adapter.
4. Remove the adapter and O-ring.
5. Lubricate and install a new O-ring (ERR7308) to a new oil filter head adapter (LYP000011).
6. Position the new oil filter head adapter to the engine front cover.
7. Install and tighten bolts to **8 Nm (5.9 lbf/ft)**.
8. Install the oil filter following GTR procedure.
9. Top up the engine oil as required.

Figure 1

