

Private Client

DEKRA Garden Route
3 Binne Street - 6536
GEORGE - WC
044 874 5028

ASSESSMENT REPORT - Extended Warranty Claim Inspection

Assignment

| | | | |
|---------------------|----------------|---------------------|--|
| Assessing Order No. | EFT | Inspection Location | |
| Claim Number | EFT | | LF Tyre CC t/a Car Service City George - gARDEN rOUTE - WC |
| Client | Private Client | | |
| Inspection Type | External | | |
| Requested Date | 24/07/2024 | Contact Person | JP |
| Inspection Date | 24/07/2024 | Contact Number | 0118833687 |

Vehicle Data

| | | | |
|-----------------|-------------------|-------------------------|---------------|
| Vehicle Type | PASSENGER VEHICLE | Registered Owner | |
| Manufacturer | LAND ROVER | Registration Number | [REDACTED] |
| Model | DISCOVERY 4 3.0D | Register Number | [REDACTED] |
| VIN | [REDACTED] | Date Of First Licensing | 13/11/2013 |
| Engine Number | [REDACTED] | Last COR | 25/07/2022 |
| Doors | 5 | License Expiry Date | 31/07/2025 |
| Color | GREY | Power / Displacement | 183KW/2993CCM |
| Year Model | 2013 | Paint Finish | C - COMMON |
| Km Reading | 123,456 KM | Fuel | DIESEL |
| Cab / Body Type | STATION WAGON | Transmission | AUTOMATIC |

Vehicle Options & Accessories

Items

Inspection Conditions

No undercarriage inspection
No Test Drive
Vehicle doesn't start
Vehicles partly dismantled
Engine number – not possible to verify engine number (not visible without dismantling)
Inspection conditions for the vehicle inspection were insufficient

Diagnostic

A vehicle diagnostic has not been conducted.

Modifications

No vehicle modifications have been detected.

Failure Referred to

According to the information provided, after the wiring repairs, the vehicle was test-driven, had no issues, and returned to the yard, while in the yard the revs climbed to 9000 RPM and the engine blew. Please verify the cause of the failure.

Incorrect information supplied to Dekra by CSC

Details of Failure

At the time of the inspection, the body had been lifted from the chassis. No mechanical parts had been disassembled. Because the body had been lifted, we could not perform a diagnostic test. Inspected the external of the engine and the noted repairs that were done and found the sensor and vacuum line that was repaired by the workshop weren't relevant to the "runaway" of the engine. We did however find a crack in the left side turbo and upon further inspection also found a massive amount of oil coming out of the intake pipe coming from the defective turbocharger. All other parts on the engine exterior seem to be in good order.

Condition of Lubricant (Oil Analysis On Engine And Gearbox) (Anti-Freeze)

Recently serviced, fluids are full and in good condition.

Incorrect - oil was already drained prior to inspection

Assessors Remarks and Conclusions

From the assessor's point of view, the crack in the turbocharger and the excessive lubricant in the intercooler pipe leads to the conclusion that the turbocharger seals failed. This resulted in lubricant bypassing the seals and entering the intake system of the engine. This would result in the lubricant entering the combustion



chambers. Once the oil enters the intake system, it mixes with the air-fuel mixture and is drawn into the combustion chamber. Unlike diesel fuel, the amount of engine oil entering the combustion chamber is not regulated. The engine starts to burn the oil as fuel, leading to uncontrolled and excessive combustion. The engine's RPM increases uncontrollably as it continues to draw more oil, exacerbating the problem. As the engine speed increases, more oil can be drawn through the damaged seals, fueling the runaway condition further. The engine can overheat, leading to severe internal damage and further damage to the turbocharger. **The failure is not considered to be related to the previous repair of the wiring.**

Comments

Service done under Land Rover specification of 26 000km

General Comments: BODY LIFTED OFF CHASSIS AND RAISED ON LIFT, NOT ABLE TO CONFIRM CURRENT KM'S OR LICENCE EXPIRE DATE. NOTE: **PREVIOUS SERVICE DONE ALMOST 25 000KM AGO. THE TECHNICIAN SAID THE ENGINE OIL WAS LIKE SYRUP WHEN HE DID THE FULL SERVICE.**

Concluding Remarks

Was technician questioned what he did when noticing the syrup like oil

THIS REPORT HAS BEEN DRAWN UP IMPARTIALLY AND TO THE BEST OF OUR KNOWLEDGE

Technician

Should an engine flush not be required if oil was that bad?

COERT LOMBARD

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General Remarks: The DEKRA Condition Report Inspection is a visual and functional check of all the items listed inside the report. DEKRA is not liable for concealed and hidden defects. DEKRA doesn't check: oil and fuel consumption, source of a leak if the area is dirty, oil pump strainer for any build-up of sludge, operation of cassette players or compact disc players, sound or radio reception, alarm systems, cylinder compression. We don't dismantle, remove or strip any part of the vehicle. Road testing is carried out within the immediate confines of the inspection location. This condition report is valid only for the described vehicle and the described condition at the time of inspection. DEKRA Terms & Conditions apply.

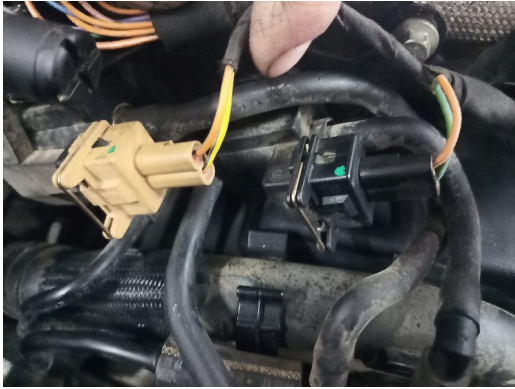




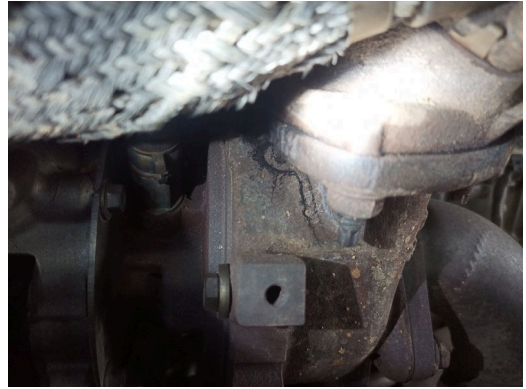
Split vehicle



Wiring & vacuum pipe



Flow sensors (wiring repairs)



Turbo (L/side)



Intercooler pipe



Engine & chassis





CHASSIS



VEHICLE ASSESSMENT REPORT

Report No: 2016465412

DATE
24/07/2024

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