

Document Information

Location: Powertrain Transmission – Rear Axle

Topic: Clutch oil leak between the clutch and gearbox casings

Condition: Permanent

Measure

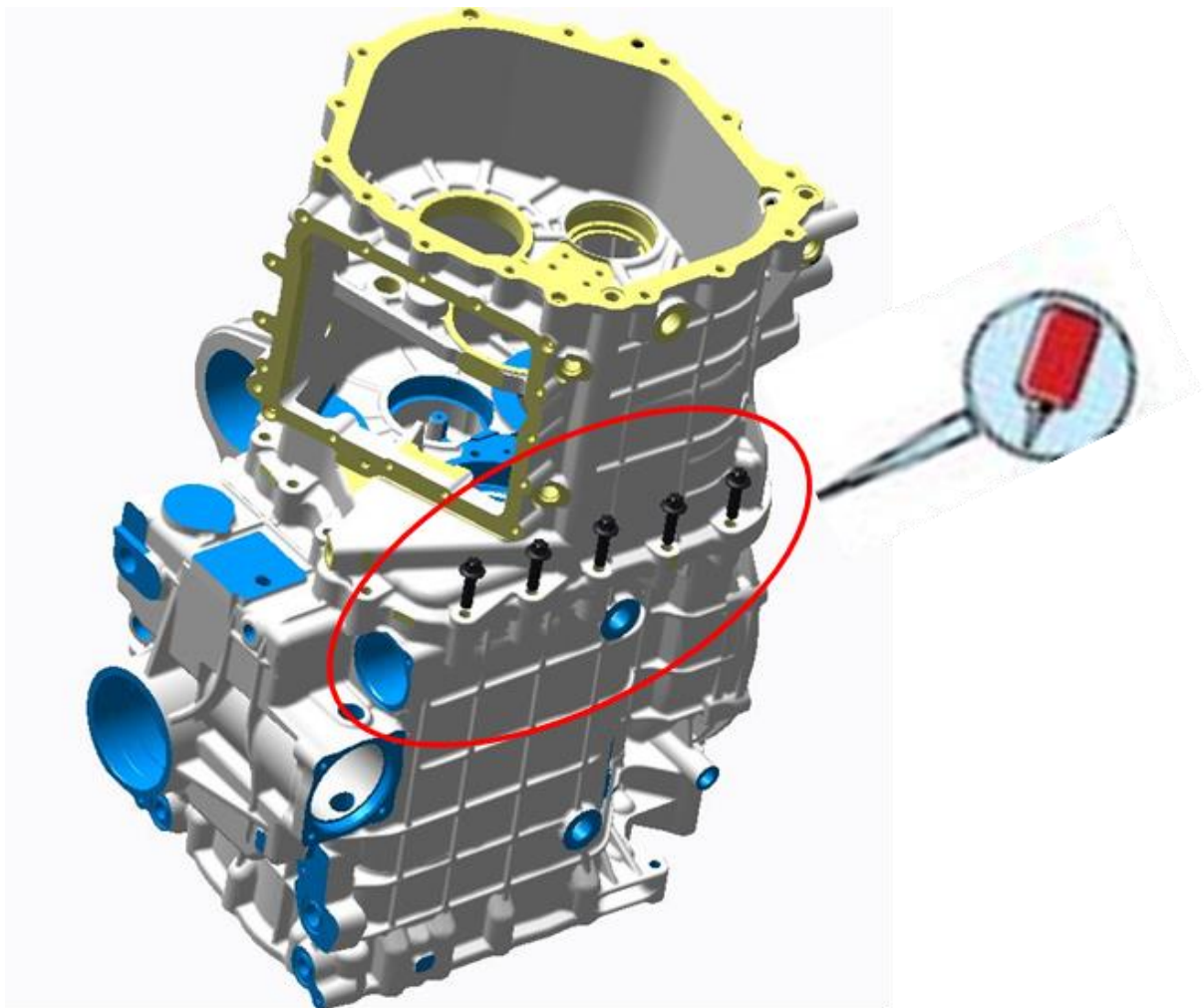
Care Point: For any Work Package raised related to transmission, the Transmission Form has to be completed and attached to the relevant warranty claim.

If a leak between the clutch and gearbox housing has been identified (as shown in the image below), follow the steps included in this document before considering replacing the transmission.

Note: A leak between the clutch and transmission casings may be due to porosity in the threaded holes.



1. Capture images of the area with the leak
2. Clean up and dry the transmission
3. Apply leak detector spray in the area that has previously leaked
4. Bring vehicle to operating temperature (test drive if necessary)
5. Inspect the transmission to confirm the source of the leak (if still present)
6. Capture new images of the leak
7. If the leak is confirmed that is between the two casings, proceed to the next step. If no further leaks have appeared no further action is required.



8. Remove the bolts shown in the image below one at a time.



9. Clean the residual oil from the casing and the bolt
10. Apply Loctite 242 on the screw as shown below
11. Re-install the bolt and torque to 32Nm
12. Repeat the above procedure for all five bolts
13. Bring vehicle to operating temperature (test drive if necessary)
14. Inspect the transmission to confirm if the leak is still present
15. If the leak remains, please raise a Technical Request and refer to this KA.

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