Pre-Authorized Warranty Repair Guideline RWRG0004

RWRG0004 - Clutch Housing Gasket Leak

Symptom(s)
- Oil leakage

NOTE ON NEW VEHICLES: A new transmission may have some residual assembly oil sprayed inside the clutch housing. This residual oil may be mistaken for a leak. When a new unit has a suspected oil leak inside the clutch housing, clean the area thoroughly, verify lube level and run the vehicle to confirm a leak prior to disassembly.

Cause

Oil Leaking to the Outside of the Clutch Housing
Possible Causes:
- Pump plug or pump plug o-ring is leaking (RT Models)
- Clutch housing attaching studs or bolts loose in case
- Clutch housing gasket mis-installed
- Casting or machining flaw in the clutch housing or case
- Wrong clutch housing gasket installed
- Input bearing cover gasket is torn or missing
- Pump bolts loose and leaking
- Forced Lube Tube interference
- Lube level is overfull

Oil Leaking to the Outside of the Clutch Housing
Possible Causes:
- Attaching studs or bolts loose in the case
- Clutch housing gasket torn, folded or missing
- Wrong clutch housing gasket installed
- Trans case or clutch housing surfaces mis-machined
- Pump dowel pin protruding from the main case front wall
- Forced lube tube interference

Repair Guideline
Remove the transmission and inspect for possible causes listed above. If the case or clutch housing surfaces are damaged their replacement would not constitute a pre-authorized repair.

RT Models:
If oil is puddled behind the gasket at the oil pump plug area, the pump plug o-ring may be the root cause and the O-ring should be replaced. Lubricate the o-ring and use care reinstalling the plug into the case bore by hand only. Do not strike with a hammer or driver.

12 fasteners (instead of 10) have been in use on RT models since July 2004. More information on the 12 fastener system can be found in service bulletin TMIB0145 available on Roadranger.com.

FR Models:
In May 2010 grade 9.5 fasteners with dual conical washers and increased torque specifications were added to improve clamp load. The latest clutch housing gasket and fasteners can be purchased as a kit and should be used when appropriate. (See warranty parts below).

Warranty Parts
- RT models, pump plug O-ring
- Clutch housing gasket
- Front bearing cover gasket
- Shift tower gasket
- Top off Lube ($30 max)

For part numbers refer to the Eaton InfoRanger site, www.inforanger.roadranger.com, or a current IPL.

Warranty Labor
Transmission R&R per OEM published SRT (Additional accessories/equipment required to remove transmission to be submitted per OEM published SRTs)

Bench time for Clutch Housing R&R per OEM SRT.

Warranty Coding
Part: Gasket (or causal part)
Complaint: Oil leak
Failure: Leak
Warranty Claim Filing

Reference warranty coverage. File pre-authorized warranty claim through appropriate OEM or through Direct Pay. Reference guideline number RWRG0004 in warranty claim text.

Note: Repairs that exceed parts and labor parameters cannot be pre-authorized.

Filing through Direct Pay

Click here for Direct Pay submission guidelines and claim forms:

Submission Guidelines and Claim Forms

Parts Disposition

Parts can be scrapped.

Warranty Disclaimer

If the failure is not the result of accident, damage, negligence, abuse or misuse, improper installation or maintenance or any other conditions described in the Limits and Exclusions section of Warranty Manual TCWY0600, available on Roadranger.com, then Roadranger will treat the condition as covered under its warranty. However, this conclusion does not necessarily mean that a defect in fact exists. In all cases, Roadranger shall make the final determination and interpretation as to the warrantability of the Product.

IMPORTANT: Warranty will not pay damage caused from a low lube condition or consequential damage caused by the leak left unrepaired.