

Roadranger Warranty Repair Guideline RWRG0038

RWRG0038 - Transmission Overheating

Symptom(s)

- Transmission sump-operating temperature maintains 250 degrees or greater

Cause

There are several possible causes for the overheating condition including: Cooler flow issue, poor air flow due to cooler location, over-filled/under-filled transmission, a failure to the internal pump or an internal transmission failure.

Note: In every case the transmission temperature gauge should be verified for accuracy.

Repair Guideline

Once the overheating complaint is confirmed and gauge verified, check for noise, shifting trouble or metal in the oil that would indicate a Transmission failure. If no failure is evident and improper fill level has been ruled out, perform a pump flow test.

To verify proper pump flow:

- Oil should be operating temperature.
- Disconnect the return line (lower) from the transmission and position it over a clean 5-gallon pail. Start the truck in neutral and run it at 1500 RPM for 30 seconds.

Note: Pump should flow about 4 GPM @ 1500 RPM. After 30 seconds there should be about 2 gallons of oil in the pail.

- If there is no flow and no restrictions found in the cooling system, the transmission must be disassembled to correct.

Warranty Labor

Pump Test (0.5 hours)

Pump failure RT:

R&R transmission per OEM SRT

Mainshaft overhaul per OEM SRT (generally 4 hrs)

Pump failure FR:

Auxiliary R&R per OEM SRT (generally 3.5 hours)

Shift Bar Housing R&R per OEM SRT (generally 2 hours)

Pump replacement (0.5 hours)

Warranty Coding

Part: Various

Complaint: Overheats

Failure: Broken

Warranty Disclaimer

If the failure is not the result of an 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, 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.