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**Roadranger**  
SUPPORT

**Subject:** Low Lube Transmission Failures Caused by Radiator Repair or Replacement

**Document Number:** TMIB-0168

**Date:** April 3, 2008

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**Issue Description:**

There have been several instances of transmission failures caused by lack of lubricant. Root cause has been linked to a prior repair of the vehicles engine radiator. Many OEM's have incorporated the transmission oil cooler in the radiator sump.

When a radiator of this design is repaired or replaced a significant amount of lubricant can be lost through the transmission cooling system and the lube level in the transmission can be run low. Transmissions ran with that low level of lubricant will fail prematurely. Transmission low lubricant failures are considered non warrantable failures by Eaton.

Please follow the procedure below to ensure the transmission lubricant level is full.

**Current Process:**

If a radiator is repaired or replaced you must:

1. Check the transmission lube level fill with compatible lubricant.
2. Run the engine for 5 minutes then shut the engine off.
3. Re-check the transmission lube level (Repeat step 2 and 3 if necessary)

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