

Eaton Endurant Air Line Contamination

Technical Bulletin: Installation | Air Line Contamination



Air line contamination is a significant cause of transmission shifting issues and solenoid faults in Endurant transmissions. The root cause is almost always traced to poor vehicle air system maintenance. Addressing the air system (not just replacing the MTM) is critical for long-term reliability. Warranty coverage is denied if contamination is found. Thorough inspection and documentation are essential.

Affected Models

- Endurant HD
- PACCAR TX-12
- Endurant XD / XD Pro
- Paccar TX-18 / TX-18 Pro

Installation Preventative Action

Vehicle Air System Maintenance

Take extra measures when installing an Eaton Endurant transmission. Close attention to air system maintenance must be prioritized when installing a unit:

- Regularly inspect and replace air dryer cartridges and filters.
- Drain water from air tanks and ensure proper air system operation.
- Follow OEM and air system manufacturer maintenance guidelines.

**Contamination in the air system
will void all warranty.**

MTM portion of the transmission is covered by a 12 Month warranty. Main Box of transmission is covered under a 24 month warranty.

Air Dryer Cartridge Showing Contamination



Air Dryer Cartridge Showing No Contamination



Note: Moisture or water droplets found on the cartridge base is normal