

Torque Converter Contamination Inspection

Material

Item	Specification
MERCON® V Automatic Transmission Fluid XT-5-QM (or XT-5-QMC) (US); CXT-5-LM12 (Canada)	MERCON® V

1. A new or remanufactured torque converter must be installed if one or more of the following statements is true:
 - A torque converter malfunction has been determined based on complete diagnostic procedures.
 - The torque converter stud or studs, impeller hub or bushing are damaged.
 - The torque converter exhibits external discoloration (due to overheating).
 - There is evidence of transmission assembly or fluid contamination due to the following transmission or converter failure modes.
 - Major metallic failure
 - Multiple clutch plates or band failures
 - Sufficient component wear which results in metallic contamination
 - Water or antifreeze contamination
2. If none of the above conditions are present, continue with the following fluid inspection.
3. Pour a small amount of transmission fluid from the torque converter onto an absorbent white tissue or through a paper filter.
4. Examine the fluid for contaminants, color and smell. The fluid must be free of contaminants, red in color and not have a burnt smell.
5. **NOTICE: Do not use water-based cleaners or mineral spirits to clean or flush the torque converter or transmission damage will occur.**

If the fluid passed inspection:

- drain the remaining fluid from the torque converter.
 - using only the recommended transmission fluid, add 1.9L (2 qt) of clean fluid into the converter and agitate by hand.
 - thoroughly drain the fluid.
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