

Torque Converter Contamination Inspection

Material

Item	Specification
Motorcraft® MERCON® LV Automatic Transmission Fluid XT-10-QLVC (US); CXT-10-LV12 (Canada)	MERCON® LV

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. The fluid must be free of metallic contaminants.
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.
-