

TRANSMISSION—E4OD—VEHICLE DOES NOT MOVE—DIAGNOSIS AND SERVICE TIPS

Article No.
94-21-14

FORD: 1990-1995 BRONCO, ECONOLINE, F SUPER DUTY, F-150-350 SERIES

ISSUE

Some vehicles may experience some of the following symptoms:

- No vehicle movement
- Low one-way clutch overheating
- Transmission fluid overheated and smells “burnt”

These conditions may be caused by the check ball, located in the rear cooler line converter drainback check valve assembly, sticking.

ACTION

Perform the following diagnosis and replace the converter drainback check valve if required.

DIAGNOSTIC AND SERVICE PROCEDURES

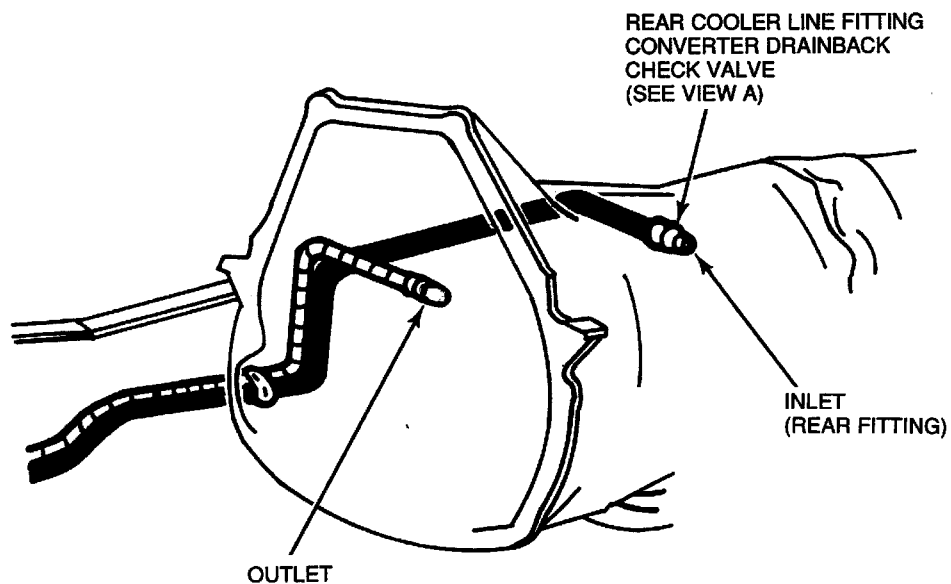
1. Perform the diagnostics as outlined in the Service Manual, Section 07-01A.
2. Perform the “Transmission Oil Cooler Flow Test” found in “Diagnosis and Testing”, Section 07-01A, of the Service Manual. Service as required. If no service is required, proceed to Step 3.
3. Remove the cooler line from the rear transmission cooler line fitting. Refer to Figure 1.
4. Using a small screwdriver, press on the check ball and make sure it moves freely inside the check valve. Refer to Figure 2.
5. Replace the converter drainback check valve if the ball does not move freely.
6. All internal transmission components and the torque converter must be checked for damage. Follow the Disassembly, Subassembly, Cleaning/Inspection, and Reassembly procedures as outlined in the Service Manual, Section 07-01A, and service as required.

PART NUMBER	PART NAME
FOTZ-7D174-B	All Vehicles Having 5/16” Diameter Lines
FOTZ-7D174-C	All Vehicles Having 3/8” Diameter Lines

OTHER APPLICABLE ARTICLES: NONE

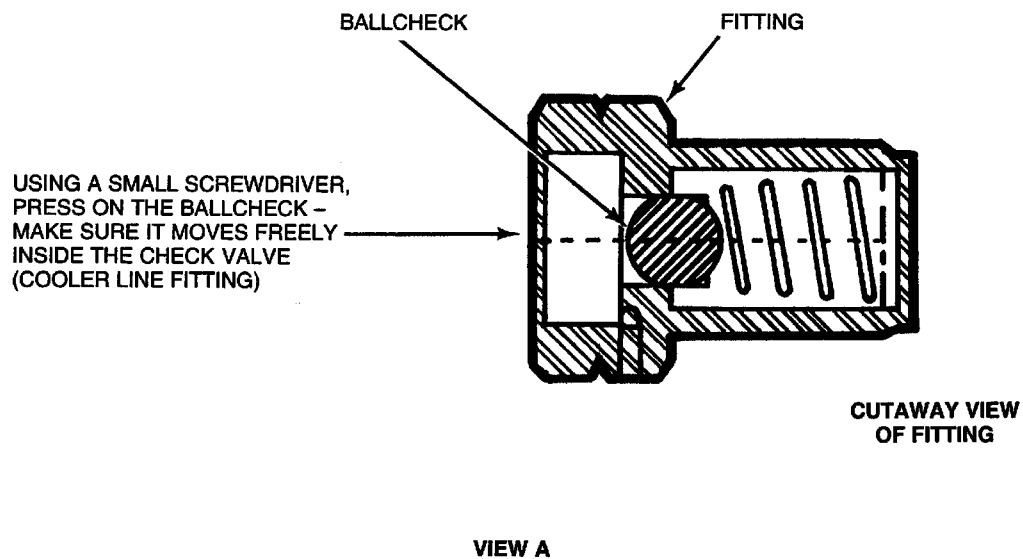
WARRANTY STATUS: INFORMATION ONLY

OASIS CODES: 503000, 510000



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Figure 1 - Article 94-21-14



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Figure 2 - Article 94-21-14