

TRANSMISSION 5R55S—ILLUMINATED TRANSMISSION CONTROL INDICATOR LIGHT (TCIL) AND DTC P1744 ONLY

Article No.
04-12-3

FORD: 2003 Thunderbird

LINCOLN: 2003 LS

ISSUE

Some 2003 Lincoln LS or Thunderbird vehicles may exhibit an illuminated transmission control indicator light (TCIL), with DTC P1744 (torque converter clutch (TCC) slippage detected).

ACTION

To service, perform the Service Procedure listed below. Do not replace any components until diagnostics are completed.

SERVICE PROCEDURE

1. Perform on board diagnostics.
 - a. If other DTC's are present in addition to P1744, follow normal diagnostics and repair other DTC's first before continuing with this TSB. If the condition is corrected then return vehicle to customer. If P1744 is still present proceed to Step 2.
 - b. If P1744 is the only DTC present proceed to Step 2.
2. Perform Output State Control Test for TCC in DRIVE MODE (Workshop Manual Section 307-01), to test whether the torque converter clutch is engaging and disengaging.

To Perform The DRIVE MODE Test:

- VSS and digital TR sensors must be operational.
- No VSS and TR sensor DTCs present.
- Engine ON.
- Transmission range selector lever in Overdrive.
- Vehicle speed must be greater than 3 km/h (2 MPH).
- Transmission in 2nd gear or higher.
- TFT between 60-275° F (33-153° C).
- Brake not applied below 32 km/h (20 MPH).
- Maintain steady speed.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

- a. Monitor TSS, engine RPM and TCC.
- b. Command TCC "ON" and "OFF".
 - (1) If RPM does not change, replace the Main Control Valve Body assembly (3W4Z-7A100-CB). Refer to In-Vehicle Repair procedures listed in the Workshop Manual Section 307-01, proceed to Step 3.
 - (2) If RPM does change continue with normal Workshop Manual diagnostics.
3. Flush and clean the transmission cooling system after main control valve body replacement.

PART NUMBER	PART NAME
3W4Z-7A100-CB	Main Control Valve Body

WARRANTY STATUS: Eligible Under Provisions Of
New Vehicle Limited
Warranty Coverage

DEALER CODING

BASIC PART NO.
7A100

CONDITION
CODE
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