

- **TRANSMISSION—E4OD—DIAGNOSTIC TROUBLE CODES—WATER INTRUSION OF THE MLP/TR SENSOR**
- **TRANSMISSION—E4OD—POSSIBLE WATER INTRUSION INTO THE MLP/TR SENSOR CAUSING SHIFT CONCERNS AND/OR HARSH ENGAGEMENT CONCERNS**
- **TRANSMISSION—E4OD—SHIFT CONCERNS AND/OR HARSH ENGAGEMENT CONCERNS DUE TO WATER INTRUSION OF THE MLP/TR SENSOR**

**Article No.
95-2-12**

FORD: 1989-1994 BRONCO, ECONOLINE, F-150-350 SERIES, F-47, F-53, F-59

ISSUE

Some vehicles may exhibit a shift concern and/or a harsh engagement concern due to water intrusion into the MLP/TR sensor and vehicle harness. There may also be a number of different DTC's along with those concerns.

ACTION

Replace the MLP/TR sensor and vehicle harness connector if signs of water penetration are evident. Refer to the following for service details.

SERVICE PROCEDURE

1. Verify the customer concern.
2. Perform normal on-board diagnostics.
3. Inspect the MLP/TR sensor for signs of water contamination.
4. If water penetration is present and/or DTC's have been set, replace the MLP/TR sensor and the vehicle harness connector with the TR Sensor Service Kit (F5TZ-7A247-A).

The TR Service Kit contains:

- One (1) TR Sensor
- One (1) Connector Assembly
- One (1) "Red" Pin Separator Plate
- One (1) 6-Pin Grommet
- One (1) 8-Pin Grommet
- One (1) 7-Pin Grommet
- One (1) Instruction Sheet

PART NUMBER	PART NAME
F5TZ-7A247-A	TR Sensor Service Kit

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS: Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage For 1992-94 Models, Basic Warranty Coverage For All Other Model Years

OPERATION	DESCRIPTION	TIME
950212A	Perform Electronic Transmission Diagnostics, Replace MLP/TR Sensor	2.0 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
7F293	08

OASIS CODES: 206000, 501000, 502000, 503000, 698298