

**3.7L WITH 6R80 TRANSMISSION—BUILT FROM  
11/1/2010 TO 11/30/2010—DTC P0741**

**TSB 11-4-4**

**FORD:**

2011 Mustang, F-150

**ISSUE**

Some 2011 Mustang and F-150 vehicles equipped with a 3.7L engine and 6R80 transmission built from 11/1/2010 through 11/30/2010 may have the malfunction indicator light (MIL) on with diagnostic trouble code (DTC) P0741 stored in the powertrain control module (PCM).

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Using IDS verify the presence of DTC P0741, clear code and road test.
  - a. Warm the transmission to 37 °C (100 °F) (PID TFT).
  - b. Drive at 72-96 Km/h (45-60 MPH) for 20 seconds at steady throttle.
  - c. Brake to a stop.
  - d. Warm transmission to minimum of 71 °C (160 °F) (PID TFT).
  - e. Repeat steps b and c two (2) more times.
2. Check for DTCs.
  - a. If the P0741 code returns as transmission fluid temperature reaches 71 °C (160 °F) or higher, replace the torque converter, refer to the Workshop Manual (WSM), Section 307-01.
  - b. If the P0741 code does not return as transmission fluid temperature reaches 71 °C (160 °F) or higher, discontinue with this procedure and refer to WSM, Section 307-01 subroutines for normal diagnostics.

PART NUMBER	PART NAME
BR3Z-7902-C TA-25	Torque Converter Motorcraft® Threadlock and Sealer
XT-10-QLVC	Motorcraft® MERCON® LV Automatic Transmission Fluid
N800594-S100	Bolt - 4X2 Driveshaft Flange To Pinion (4 Req)
7L1Z-4B496-C	Bolt - 4X4 Front Drive Shaft To Front Axle Flange (6 Req)
7L1Z-4B496-D	Bolt - 4X4 Front Drive Shaft To Transfer Case Flange (6 Req)
W520213	Nut - Stabilizer Bar Bracket - F-150 (4 Req)
W714689-S437	Nut - Flex Plate To Torque Converter (4 Req)
7L1Z-7J227-A	O-ring - Transmission Fluid Cooler (Req 4)
W715131-S437	Bolt - Transmission Fluid Cooler Line To Case w/o Snow Shield
W715498-S437	Bolt - Transmission Fluid Cooler Line To Case - F-150 w/ Snow Shield
W520111-S440	Nut - Transmission Fluid Cooler Line To Case - F-150 w/ Snow Shield
N800594-S100	Bolt - Driveshaft Flange (4 Req)
W506434-S439	Bolts - Center Driveshaft Center Bearing - Mustang (2 Req)
W710432-S300	Washer - Center Driveshaft Center Bearing - Mustang (2 Req)

**WARRANTY STATUS:** Eligible Under Provisions Of  
New Vehicle Limited  
Warranty Coverage  
**IMPORTANT:** Warranty  
coverage limits/policies are  
not altered by a TSB.  
Warranty coverage limits  
are determined by the  
identified causal part.

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## TSB 11-4-4 (Continued)

OPERATION	DESCRIPTION	TIME	110404A	2011 F-150 4X4 3.7L Engine 6R80	5.4 Hrs.
110404A	2011 Mustang 3.7L Engine 6R80 Transmission: Replace The Torque Converter, Includes Time To Perform Diagnosis, Remove And Install Transmission (Do Not Use With Any Other Labor Operations)	4.4 Hrs.		Transmission: Replace The Torque Converter, Includes Time To Perform Diagnosis, Remove And Install Transmission (Do Not Use With Any Other Labor Operations)	
			<b>DEALER CODING</b>		
110404A	2011 F-150 4X2 3.7L Engine 6R80 Transmission: Replace The Torque Converter, Includes Time To Perform Diagnosis, Remove And Install Transmission (Do Not Use With Any Other Labor Operations)	5.2 Hrs.	<b>BASIC PART NO.</b>		<b>CONDITION CODE</b>
			7902		42