TECHNICAL SERVICE BULLETIN
10R80 - Illuminated MIL – DTC P0721 – Built On Or Before 30-Nov-2017

18-2119
16 April 2018

Model:

Ford 2018 Expedition
2018 Mustang
2018 F-150
Lincoln 2018 Navigator

Issue: Some 2018 Expedition/F-150/Mustang/Navigator vehicles equipped with a 10R80 automatic transmission and built on or before 30-Nov-2017 may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble code (DTC) P0721 in the powertrain control module (PCM) or transmission control module (TCM).

Action: Follow the Service Procedure steps to correct the condition.

Parts

Part Number	Description	Quantity
XT-12-QULV	Mercon® ULV Transmission Fluid	6
HL3Z-7H103-C	Output Shaft Speed Sensor	1
W715131-S437	Oil Cooler Bolt - Expedition/Navigator Only	1

Warranty Status: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2018 Mustang 10R80 Transmission: Retrieve DTCs And Replace The OSS Sensor (Do Not Use With Any Other Labor Operations)	182119A	1.7 Hrs.
2018 F-150 Raptor 10R80 Transmission: Retrieve DTCs And Replace The OSS Sensor (Do Not Use With Any Other Labor Operations)	182119B	2.1 Hrs.
2018 F-150 10R80 Transmission: Retrieve DTCs And Replace The OSS Sensor (Do Not Use With Any Other Labor Operations)	182119C	2.9 Hrs.
2018 Expedition/Navigator 10R80 Transmission: Retrieve DTCs And Replace The OSS Sensor (Do Not Use With Any Other Labor Operations)	182119D	3.0 Hrs.

Repair/Claim Coding

Causal Part:	7H103
Condition Code:	42

Tool List

Drive	Tool Name
1/4"	Ratchet
1/4"	Power Tool
1/4"	8 mm Socket

Drive	Tool Name
1/4"	10 mm Deep Socket
1/4"	13 mm Deep Socket
1/4"	6" Extension
1/4"	Torque Wrench
	Hook Pick
	ESST 307-569
	ESST 307-745
	Fluid Suction Gun
	Mityvac MITMV6412

Service Procedure

1. Check the vehicle build date. Was the vehicle built on or before 30-Nov-2017?

(1). Yes - proceed to Step 2.

(2). No - this article does not apply. Refer to the Powertrain Controls/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.

2. Connect the Ford Integrated Diagnostic System (IDS) or Ford Diagnosis and Repair System (FDRS) software to the data link connector (DLC). Check for DTCs. Is P0721 stored in the PCM or TCM?

(1). Yes - proceed to Step 3.

(2). No - this article does not apply. Refer to the PC/ED Manual for normal diagnostics.

3. Replace the output shaft speed (OSS) sensor. Refer to Workshop Manual (WSM), Section 307-01.

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