



TECHNICAL SERVICE BULLETIN

Intermittent Surge Or Hesitation With No Diagnostic Trouble Codes (DTCs) Present

18-2322
23 October
2018

Model:

Ford 2015-2017 Mustang

Issue: Some 2015-2017 Mustang GT350/GT350R vehicles may exhibit a hesitation or surge in the vehicle with no DTCs present. This may be accompanied by an inoperative cruise control system. This may be due to a transmission output shaft flange nut that has become loose, allowing the output shaft tone ring to move in relation to the output shaft causing an erroneous signal.

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

Parts

Part Number	Description	Quantity
N800594-S101	Bolt M12 x 1.75 x 27 mm	4
FR3Z-4B496-B	Bolt And Washer, M10 x 1.5 mm	3
W717822-S439	Bolt M10 x 19 mm	2
TA-25-B	Motorcraft® Threadlock and Sealer	1
4R3Z-7B340-AA	Output Shaft Flange Nut	1

Warranty Status: Eligible Under Provisions Of New Vehicle Limited 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
2015-2017 Mustang GT350/GT350R: Replace The Transmission Output Shaft Flange Nut (Do Not Use With Any Other Labor Operations)	182322A	1.6 Hrs.

Repair/Claim Coding

Causal Part:	7B340
Condition Code:	24

Tool List

Drive	Tool Name
1/4"	Power Tool
1/4"	Ratchet
1/4"	Torque Wrench
1/4"	7 mm Deep Socket
3/8"	Power Tool
3/8"	Ratchet
3/8"	Torque Wrench
3/8"	10 mm Socket

Drive	Tool Name
3/8"	13 mm Socket
3/8"	15 mm Socket
3/8"	18 mm Socket
3/8"	12 mm 12-point Deep Socket
1/2"	Power Tool
1/2"	Ratchet
1/2"	Torque Wrench
1/2"	18 mm Deep Socket
	Trim Tool
	Exhaust Hanger Pliers
	Pry Bar

Service Procedure

1. Remove and discard the output shaft flange nut by following steps 1, 2, and 3 in Workshop Manual (WSM) Section 308-03B, Transmission Output Shaft Flange.
2. Install a new output shaft flange nut.
3. Reassemble the vehicle. Refer to the output flange installation procedure in WSM, Section 308-03B, Transmission Output Shaft Flange.

© 2018 Ford Motor Company

All rights reserved.

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 or Lincoln 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 supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.