



TECHNICAL SERVICE BULLETIN

GT350/GT350R - Intermittent Surge Or Hesitation With No DTCs Present

This bulletin supersedes 18-2322. Reason for update: Concern Carryover to New Model

Model:

Ford 2015-2019 Mustang

Summary

This article supersedes TSB 18-2322 to update the Tool List and vehicle model years affected.

Issue: Some 2015-2019 Mustang GT350/GT350R vehicles may exhibit a hesitation or surge in the vehicle with no diagnostic trouble codes (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. To resolve the condition, replace the output shaft flange.

Action: Follow the Service Procedure steps to correct the condition on vehicles that meet all of the following criteria:

- 2015-2019 Mustang GT350/GT350R
- The vehicle exhibits a hesitation or surge with no DTCs present

Parts

Part Number	Description	Quantity
4R3Z-7B340-AA	Output Shaft Flange Nut	1
FR3Z-4B496-B	Bolt And Washer, M10 x 1.5 mm	3
N800594-S101	Bolt, M12 x 1.75 x 27 mm	4
W717822-S439	Bolt, M10 x 19 mm	2
TA-25-B	Motorcraft® Threadlock and Sealer	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
2015-2019 Mustang GT350/GT350R: Replace The Transmission Output Shaft Flange Nut (Do Not Use With Any Other Labor Operations)	192090A	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
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
1/2"	32 mm 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.

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