



TECHNICAL SERVICE BULLETIN

5.0L - Manual Transmission - Inoperative Reverse Camera And Inoperative Reverse Lights With Various Other Symptoms

21-2062
08 March
2021

Model:

Ford 2019-2020 Mustang	Engine: 5.0L Transmission/Transaxle: (MT82 Manual Transmission)
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Issue: Some 2019-2020 Mustang vehicles equipped with a 5.0L engine and a MT82 manual transmission may exhibit a concern of inoperative reverse camera and inoperative reverse lights. The vehicle will also exhibit messages in the IPC warning various driver assist systems not available and/or DTCs P086A, P086B, P086C, P086D, P086E, P08AE, P08AF, P08B0, P08B2, P095A, P095B, P095C, and/or P095D stored in the powertrain control module (PCM) with or without an illuminated powertrain malfunction (wrench) indicator. DTC U0401 may also be present in the anti-lock braking system (ABS) module, side obstacle detection control module LH (SODL), side obstacle detection control module RH (SODR), image processing module A (IPMA) and/or parking aid module (PAM). This may be due to a concern with the gearshift sensor, gearshift sensor circuits and/or calibration in the PCM. To correct this condition, follow the service procedure to reprogram the PCM.

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

- 2019-2020 Mustang
- 5.0L engine
- MT82 manual transmission
- Inoperative reverse camera
- Inoperative reverse lights
- At least one the following conditions:
 - Messages in the IPC warning various driver assist systems not available
 - U0401 may be present in the ABS module, SODL, SODR, IPMA, and/or PAM module (s)
 - DTCs P086A, P086B, P086C, P086D, P086E, P08AE, P08AF, P08B0, P08B2, P095A, P095B, P095C, and/or P095D stored in the PCM with or without an illuminated powertrain malfunction (wrench) indicator

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2019-2020 Mustang 5.0L/MT82 Transmission: Verify Multiple Concerns, Retrieve And Record DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	212062A	0.4 Hrs.

Repair/Claim Coding

Causal Part:	RECAL
Condition Code:	04

Service Procedure

1. Is an inoperative rear camera the only symptom present?
 - (1). Yes - this article does not apply. Refer to Workshop Manual (WSM), Section 413-13B.
 - (2). No - proceed to Step 2.
2. Retrieve and record any DTCs present from the PCM.
3. Reprogram the PCM using the latest software level of the appropriate Ford diagnostic scan tool.
4. Were DTCs P086B, P086C, P086D, P08AE, P08AF, P08B0, P08B2, P095A, P095C, and/or P095D retrieved in Step 2?
 - (1). Yes - diagnose and repair the DTCs outside of this article following normal procedures and claiming, refer to WSM 308-03A.
 - (2). No - repair is complete.

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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.