



TECHNICAL SERVICE BULLETIN

8F24/8F35/8F40 - Unable To Engage Park/Illuminated Powertrain Malfunction (Wrench) Lamp/Shift System Fault Warning Message And DTC P07E4

**20-
2265**
14
September
2020

Model:

Ford 2020 Escape	Transmission/Transaxle: (8F24) Transmission/Transaxle: (8F35)
Lincoln 2020 Corsair	Transmission/Transaxle: (8F35) Transmission/Transaxle: (8F40)

Issue: Some 2020 Escape/Corsair vehicles equipped with an 8F24, 8F35 or 8F40 transmission may exhibit an unable to engage park condition with an illuminated powertrain malfunction (wrench) lamp and diagnostic trouble code (DTC) P07E4 stored in the powertrain control module (PCM) memory. There will also be a shift system fault warning message displayed and the electronic parking brake will be automatically applied when park is requested. This condition may be caused by an incorrect underhood section of the transmission park manual release cable or the underhood section of the transmission park manual release cable not in the proper stowed position. To correct the condition, follow the Service Procedure steps to inspect the operation of the transmission park manual release cable and, if necessary, replace the transmission park manual release cable.

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

- 2020 Escape/Corsair
- 8F24, 8F35 or 8F40 transmission
- Unable to engage park
- Illuminated powertrain malfunction (wrench) lamp
- DTC P07E4
- Shift system fault warning message "Park not available apply park brake before exiting"
- Electronic parking brake automatically applied when park requested

NOTE: Part quantity refers to the number of that service part number required, which may be different than the number of individual pieces. Service part numbers contain 1 piece unless otherwise stated. "As Needed" indicates the part is required but the number may vary or is not a whole number; parts can be billed out as non-whole numbers, including less than 1.

Parts

Part Number	Description	Quantity
LX6Z-7D246-N	Transmission Park Manual Release Cable-Transmission Side (8F24)	1
LX6Z-7D246-K	Transmission Park Manual Release Cable-Transmission Side (8F35/8F40)	1
LX6Z-7D246-L	Transmission Park Manual Release Cable-Instrument Panel Side	1

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
2020 Escape/Corsair 8F24/8F35/8F40 Transmission: Retrieve DTCs Diagnose Following The Service Procedure And Replace Both Sections Of The Transmission Park Release Cable (Do Not Use With Any Other Labor Operations)	202265A	1.2 Hrs.

Repair/Claim Coding

Causal Part:	7D246
Condition Code:	42

Service Procedure

- Using a borescope, verify the underhood transmission park manual release cable part number. The part number label is located on the cable under the battery tray. Refer to the parts catalog to verify the correct part number. Does the transmission park manual release cable have the correct part number?
 - Yes – proceed to Step 2.
 - No – replace both sections of the transmission park manual release cable. Refer to Workshop Manul (WSM), Section 307-05. Proceed to Step 4.
- With the vehicle in the key on engine off (KOEO) mode and the brake pedal pressed, fully actuate the transmission park manual release cable to the override position (which should activate a cluster message stating "Park not available apply park brake before exiting") and release the transmission park manual release cable. Make sure the transmission park manual release cable handle cover is reinstalled. Make sure to pull the cable straight out, do not pull at an angle. Refer to Workshop Manual (WSM), Section 307-05. Does the shift system fault warning message disappear?
 - Yes – proceed to Step 4.
 - No – proceed to Step 3.
- Disconnect the transmission park manual release cable from the transmission lever. The lever may move slightly when disconnecting the transmission park manual release cable. Does the shift system fault warning message disappear?
 - Yes - replace both sections of the transmission park manual release cable. Refer to WSM, Section 307-05. Proceed to Step 4.
 - No - refer to the WSM for normal diagnostics. Repair is complete.
- Using the appropriate Ford scan tool or equivalent, clear the DTCs.

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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.