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May 5, 2020

TO: All U.S. Ford and Lincoln Dealers

SUBJECT: NEW VEHICLE DEMONSTRATION / DELIVERY HOLD
Customer Satisfaction Program 20B14 – Supplement #1
Certain 2020 Model Year Escape Full Hybrid Electric Vehicle
Powertrain Control Module Update

New! REASON FOR THIS SUPPLEMENT

- *Updated Technical Information with revised programming procedures.*

PROGRAM TERMS

This program will be in effect through April 30, 2021.

AFFECTED VEHICLES

Vehicle	Model Year	Assembly Plant	Build Dates
Escape	2020	Louisville	January 9, 2019 through February 27, 2020

Affected vehicles are identified in OASIS and FSA VIN Lists.

REASON FOR THIS PROGRAM

In some of the affected vehicles, the customer may experience limited powertrain acceleration and speed along with a “Stop Safely Now” message and a check engine light displayed in the instrument cluster. Diagnostic Trouble Codes (DTC’s) P0340 and P1A0C may be present in the Powertrain Control Module (PCM). This is due to crankshaft and camshaft signal quality during start up, resulting in incorrect synchronization and the inability of the engine to produce the requested torque.

SERVICE ACTION

Before demonstrating or delivering any new in-stock vehicles involved in this program, dealers are to update the PCM using Ford Diagnostic and Repair System (FDRS). This service must be performed on all affected vehicles at no charge to the vehicle owner.

New! OWNER NOTIFICATION MAILING SCHEDULE

Owner letters are expected to be mailed the week of **May 18, 2020**. Dealers should repair any affected vehicles that arrive at their dealerships, whether or not the customer has received a letter.

New! ATTACHMENTS

Attachment I: Administrative Information
Attachment II: Labor Allowances and Parts Ordering Information
Attachment III: Technical Information
Owner Notification Letters

QUESTIONS & ASSISTANCE

For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. The SSSC Web Contact Site can be accessed through the Professional Technician Society (PTS) website using the SSSC link listed at the bottom of the OASIS VIN report screen or listed under the SSSC tab.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Johnson", written over a light gray rectangular background.

David J. Johnson

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OASIS ACTIVATION

OASIS was activated on April 16, 2020.

FSA VIN LISTS ACTIVATION

FSA VIN Lists were made available through <https://web.fsavinlists.dealerconnection.com> on April 16, 2020. Owner names and addresses will be available week of June 1, 2020.

NOTE: Your FSA VIN Lists may contain owner names and addresses obtained from motor vehicle registration records. The use of such motor vehicle registration data for any purpose other than in connection with this program is a violation of law in several states, provinces, and countries. Accordingly, you must limit the use of this listing to the follow-up necessary to complete this service action.

SOLD VEHICLES

- Owners of affected vehicles will be directed to dealers for repairs.
- Immediately contact any of your affected customers whose vehicles are not on your VIN list but are identified in OASIS. Give the customer a copy of the Owner Notification Letter (when available) and schedule a service date.
- Correct other affected vehicles identified in OASIS which are brought to your dealership.
- Dealers are to prioritize repairs of customer vehicles over repairs of new and used vehicle inventory.

STOCK VEHICLES

- Correct all affected units in your new vehicle inventory before delivery.
- Use OASIS to identify any affected vehicles in your used vehicle inventory.

TITLE BRANDED / SALVAGED VEHICLES

Affected title branded and salvaged vehicles are eligible for this service action.

OWNER REFUNDS

Refunds are not approved for this program.

RENTAL VEHICLES

Rental vehicles are not approved for this program.

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ADDITIONAL REPAIR (LABOR TIME AND/OR PARTS)

Additional repairs identified as necessary to complete the FSA should be managed as follows:

- For related damage and access time requirements, refer to the Warranty and Policy Manual / Section 6 – Ford & Lincoln Program Policies / General Information & Special Circumstances for FSA's / Related Damage.
- For vehicles within new vehicle bumper-to-bumper warranty coverage, no SSSC approval is required, although related damage must be on a separate repair line with the "Related Damage" radio button checked.
 - Ford vehicles – 3 years or 36,000 miles

CLAIMS PREPARATION AND SUBMISSION

- **Claim Entry:** Enter claims using Dealer Management System (DMS) or One Warranty Solution (OWS) online.
 - When entering claims, select claim type 31: Field Service Action. The FSA number 20B14 is the sub code.
 - For additional claims preparation and submission information, refer to the Recall and Customer Satisfaction Program (CSP) Repairs in the OWS User Guide.
- **Related Damage/Additional labor and/or parts:** Must be claimed as Related Damage on a separate repair line from the FSA with same claim type and sub code as described in Claim Entry above.

IMPORTANT: Click the Related Damage Indicator radio button.

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LABOR ALLOWANCES

Description	Labor Operation	Labor Time
Update Powertrain Control Module using FDRS.	20B14B	0.4 Hours

PARTS REQUIREMENTS / ORDERING INFORMATION

Parts are not required to complete this repair.

CERTAIN 2020 MODEL YEAR ESCAPE FULL HYBRID ELECTRIC VEHICLE — POWERTRAIN CONTROL MODULE REPROGRAM

NEW ! SERVICE PROCEDURE

Module Programming

NOTE: Program appropriate vehicle modules before performing diagnostics and clear all DTCs after programming. For DTCs generated after programming, follow normal diagnostic service procedures.

NOTE: It is critical to follow Step 1 prior to installing a battery charger or programming any modules. Power Steering Control Module (PSCM) damage may occur if this step is not followed.

1. Disconnect C225B at the Power Steering Control Module (PSCM) prior to installing the battery charger. To disconnect C225B pull back on the red locking tab, press down on the tang and then pull the connector housing straight out. C225B will remain unplugged during the programming procedure. See Figures 1 and 2.



FIGURE 1



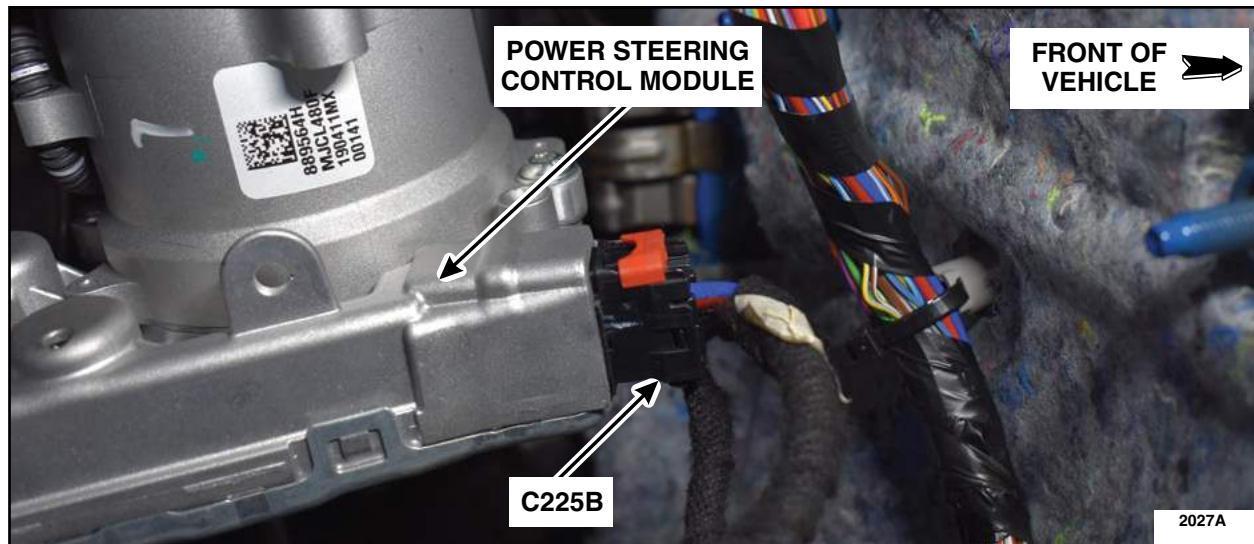


FIGURE 2

2. Connect a battery charger to the 12V battery.

NOTE: Verify that the negative cable of the charger is installed on a chassis or engine ground, and not the 12 volt battery negative terminal to prevent the battery saver mode from activating on the vehicle.

NOTE: If the diagnostic software does not load or if the vehicle cannot be identified properly, make sure there is a good internet connection and the VCM is properly connected to the DLC.

3. Log into Ford Diagnosis and Repair System (FDRS).

NOTE: Vehicle information is automatically retrieved by the diagnostic software and a Network Test is run. Vehicle identification data appears on the screen when this is complete.

4. Click 'Read VIN from Vehicle' or manually enter the VIN.

NOTE: Available modules are shown on the LH side of the screen, and available procedures are listed on the RH side of the screen. Modules that are communicating are highlighted in green.

5. Select Toolbox tab.

6. From the list on the LH side of the screen, select the PCM.

7. From the list on the RH side of the screen, select PCM - Powertrain Control Module (PCM) Software Update.

8. Click RUN. Follow all on-screen instructions carefully.

9. Disconnect the battery charger from the 12V battery.

10. Connect and lock the red tab of C225B to the PSCM. See Figures 1 and 2.



11. From the list on the RH side of the screen, select Self-Test and click RUN.
12. Click the Run Selected Tests button in the lower right.
13. Click the Clear & Retest button at the top of the screen to clear DTCs in all modules.

NOTE: Advise the customer that this vehicle is equipped with an adaptive transmission shift strategy which allows the vehicle's computer to learn the transmission's unique parameters and improve shift quality. When the adaptive strategy is reset, the computer will begin a re-learning process. This re-learning process may result in firmer than normal upshifts and downshifts for several days.

Important Information for Module Programming

NOTE: When programming a module, use the following basic checks to ensure programming completes without errors.

- Make sure the 12V battery is fully charged before carrying out the programming steps and connect FDRS/scan tool to a power source.

NOTE: A good internet connection is necessary to identify the vehicle and to load the diagnostic software.

- Inspect Vehicle Communication Module II (VCM II)/Vehicle Communication and Measurement Module (VCMM) and cables for any damage. Make sure scan tool connections are not interrupted during programming.
- A hardwired connection is strongly recommended.
- Turn off all unnecessary accessories (radio, heated/cooled seats, headlamps, interior lamps, HVAC system, etc.) and close doors.
- Disconnect/depower any aftermarket accessories (remote start, alarm, power inverter, CB radio, etc.).
- Follow all scan tool on-screen instructions carefully.
- Disable FDRS/scan tool sleep mode, screensaver, hibernation modes.
- Create all sessions key on engine off (KOEO). Starting the vehicle before creating a session will cause errors within the programming process.

Recovering a module when programming has resulted in a blank module

- a. Disconnect the VCMII or VCMM from the data link connector (DLC) and your PC.
- b. After ten seconds, reconnect the VCMII/VCMM to the DLC and the PC. Launch FDRS. The VCMII/VCMM icon should turn green in the bottom right corner of the screen. If it does not, troubleshoot the FDRS to VCM connection.
- c. If you are using the same FDRS as the initial programming attempt, select the appropriate VIN from the Vehicle Identification menu. If you are using a different FDRS, select "Read VIN from Vehicle" and proceed through the Network Test.
- d. In the Toolbox menu, navigate to the failed module and Download/Run Programmable Module Installation (PMI). Follow the on-screen prompts. When asked if the original module is installed, select "No" and continue through the installation application.
- e. Once programming has completed, a screen may list additional steps required to complete the programming process. Make sure all applicable steps are followed in order.

