FTI-FDK2: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	OEM RS	POC	I/O Changes
DL-FM8 Ford	Maverick STD Key AT	2022	Type 7	GTWY	**Park / Auto** HAZ	N/A	N/A	**Green White/Blue** N/A

Firmware: This installation requires **BLADE-AL(DL)-FM8** firmware**,** flash module and update the controller firmware before beginning the installation. This firmware requires the use of tach monitoring, please ensure that tach is programmed to avoid malfunction.

Harness headlight connector not compatible, configure POC for hazard lights [30] (momentary) or [23] (latched), connect to BCM connector C2280D (white 72-pin connector), pin #12 (brown/yellow).

Confirm vehicle compatibility on the module flashing site before proceeding with installation.

See compatibility note below.

Compatibility requirements: In order to confirm firmware compatibility, please confirm vehicle is equipped with active hood pin switch. Hood ajar warning must be displayed in instrument cluster when hood is open and ignition is on. Additional dealer programming and switch installation or hood ajar circuit manipulation* is required if hood ajar warning is not displayed when confirming.

FTI-FDK2: Installation and Configuration Notes

A BLUE MS CAN WIRES FOR PART 1 PROGRAMMING

B BROWN HS CAN WIRES FOR PART 2 PROGRAMMING

C SECURE UNUSED BLADE CONNECTOR TO MAIN HARNESS

D HOOD SWITCH MODIFICATION (Required if vehicle is not equipped with hood switch)

•FT-DAS Required for manual transmission.
•BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

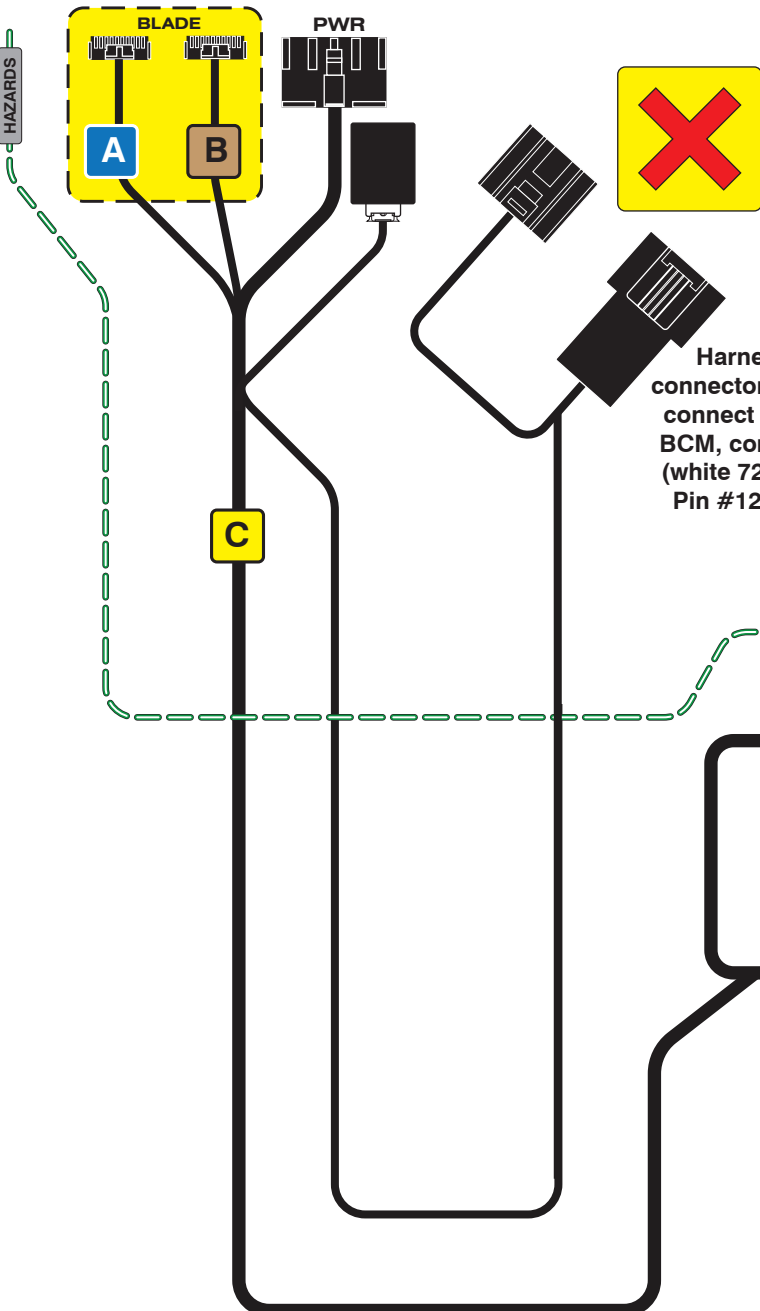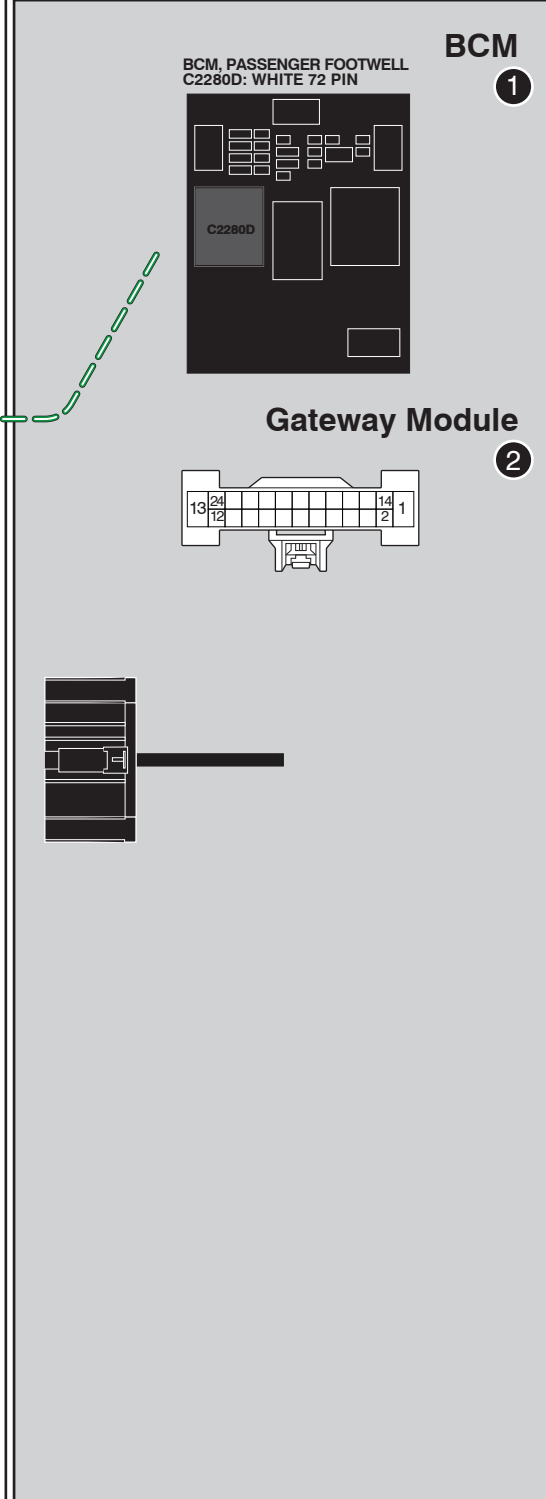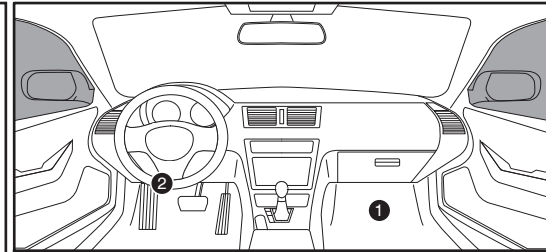| Parking Light | | (+)Door Trigger In |
Accessory		(–)Door Trigger In [Default]
Ignition [Default]		
Trunk		Starter
Starter		Ignition
Parking Light [Default]		Accessory [Default]

CM7000/7200   Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper

START
ACC
IGN1

FEATURE COVERAGE

IMMOBILIZER DATA	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	DOOR STATUS	TRUNK STATUS	RAP SHUTDOWN	BRAKE STATUS	HOOD STATUS	TACH OUTPUT	HEATED MIRRORS	HEATED SEATS	SECURE TAKEOVER	PARKING LIGHTS	REAR DEFROST	AFTERMARKET CTRL
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

HAZARDS

BLADE

PWR

A

B

❌

C

Harness headlight connector not compatible, connect hazard lights at BCM, connector C2280D (white 72-pin connector) Pin #12, brown/yellow

BCM

1

BCM, PASSENGER FOOTWELL
C2280D: WHITE 72 PIN

C2280D

Gateway Module

2

13 | 24 | 12 ... 14 | 2 | 1

D

IF THE VEHICLE IS NOT EQUIPPED WITH AN OEM HOOD SWITCH: CONNECT BLACK/PURPLE WIRE TO BLUE/ORANGE WIRE AT LATCH CONNECTOR, THEN INSTALL AN AFTERMARKET HOOD SWITCH.

BLACK

HOOD LATCH

1 | 2

BLUE/ORANGE
BLACK/PURPLE

LED Programming Error Codes

Module LED flashing RED during programming

1x - No CAN activity, confirm BLADE 1 or BLADE 2 connector
2x - No ignition, confirm BLADE 1 or BLADE 2 connector
3x - No communication with BCM, confirm compatibility
4x - Unable to activate OEM RS, confirm compatibility
5x - Unable to activate OEM RS, firmware will not work
Fast Blink - CAN connection, reverse BLADE 1/2 connector

CARTRIDGE INSTALLATION

1 Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

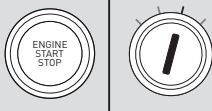## MODULE PROGRAMMING PROCEDURE

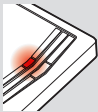**1** CONNECT BLADE connector 'A', proceed with Step 1 programming

2 OFF   ACC   ON   START
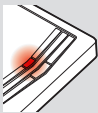Set ignition to ON position.

3 Wait, LED 1 will turn solid RED.

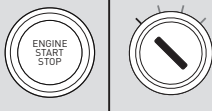**4** Wait, LED 1 will flash BLUE once [1x].

5 Wait, LED 1 will turn solid RED.

6 OFF   ACC   ON   START
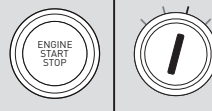Set ignition to OFF position.

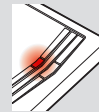**7** DISCONNECT BLADE connector 'A', CONNECT BLADE connector 'B'. proceed with Step 2 programming
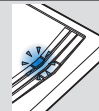
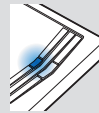**8** OFF   ACC   ON   START
Set ignition to ON position.

9 Wait, LED 1 will turn solid RED.

10 Wait, LED 1 will flash BLUE rapidly.
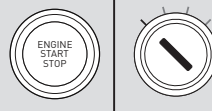
11 Wait, LED 1 will turn solid BLUE for 2 seconds.

12 OFF   ACC   ON   START
Set ignition to OFF position.

13 Module Programming Procedure completed.

Patent No. US 8,856,780 CA 2759622

TAKE OVER PROCEDURE - TO THE VEHICLE OWNER

NOTE

| All vehicle doors must be closed and locked prior to remote start sequence.
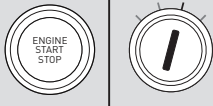
1 Press unlock on OEM or aftermarket remote or request switch.

2 OFF ACC ON START

DO NOT PRESS BRAKE PEDAL. Set ignition to ON position. Wait 2 seconds for key validation.

ENGINE START STOP

3 Press and release BRAKE pedal.

4 Take over procedure completed.

! Failure to follow procedure will result in vehicle engine shutdown.