FTI-FDK2: Vehicle Coverage and Preparation Notes

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

Make	Model	Year	Install	CAN	Lights	OEM RS	POC	I/O Changes
DL-FM8					**Park / Auto**			**Green White/Blue**
Ford	F-250 PTS AT	2020-21	Type 2	GTWY	A	**Required**	N/A	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.

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

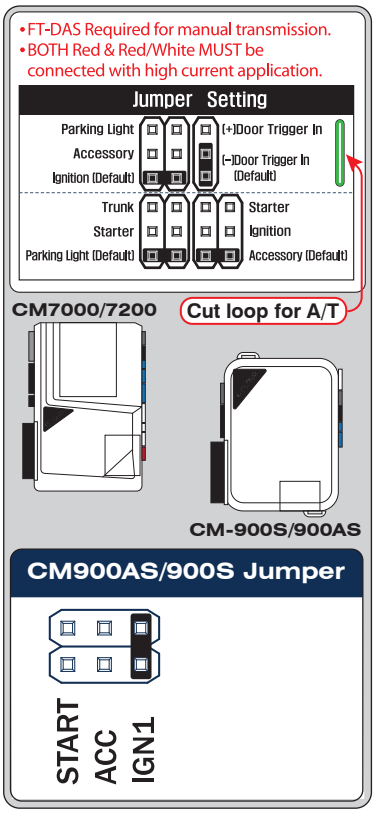
See compatibility note below.

2020-21 model year compatibility requirements: This installation requires that the vehicle be equipped with an active and functioning OEM remote starter, in order for the firmware to function properly. Without an OEM remote starter to control, this firmware is incapable of controlling the vehicle and the installation will require a fully hardwired key surrender solution.

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.

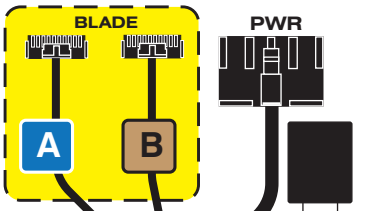
FTI-FDK2: Installation and Configuration Notes

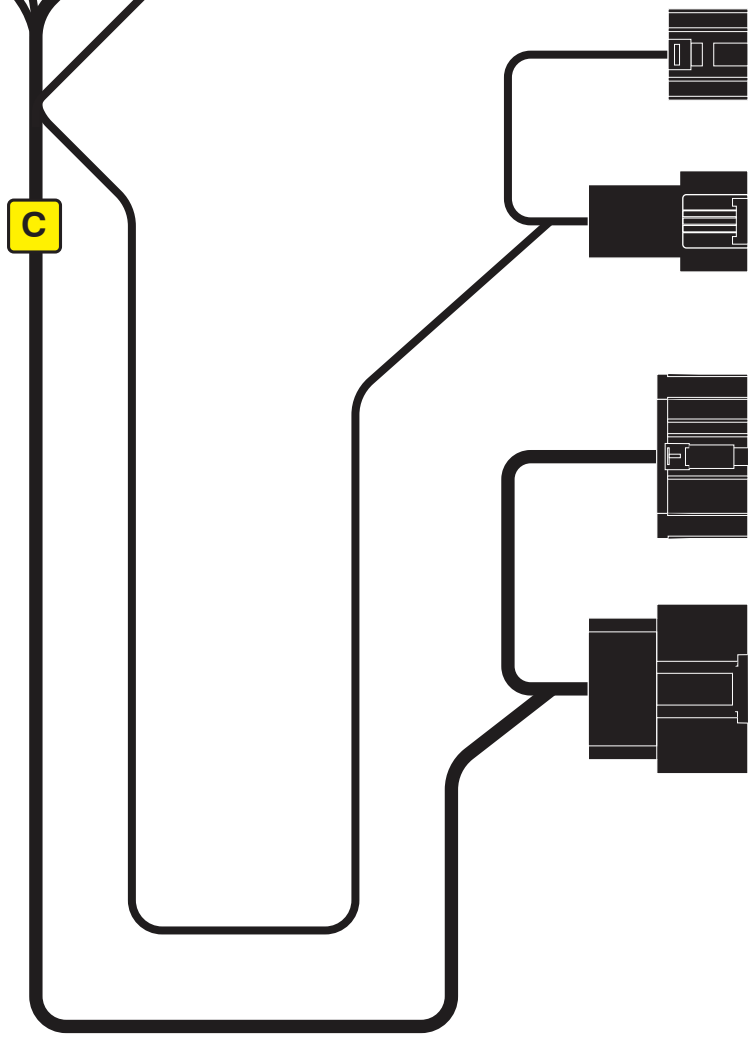
- **A** BLUE MS CAN WIRES FOR PART 1 PROGRAMMING
- **B** BROWN HS CAN WIRES FOR PART 2 PROGRAMMING
- **C** SECURE UNUSED BLADE CONNECTOR TO MAIN HARNESS
- **D** HOOD SWITCH MODIFICATION (Required if vehicle is not equipped with hood switch)

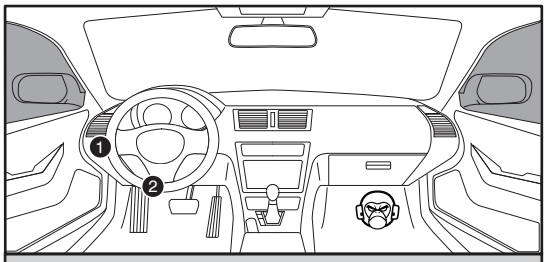


FEATURE COVERAGE																						
○		○	○	○	○					○		○	○	○	○	○	○	○	○	○	○	○
IMMOBILIZER DATA		DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM					DOOR STATUS		RAP SHUTDOWN	BRAKE STATUS	HOOD STATUS	TACH OUTPUT	HEATED MIRRORS	HEATED SEATS	SECURE TAKEOVER	PARKING LIGHTS	REAR DEFROST	AFTERMARKET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

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

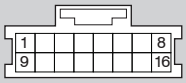






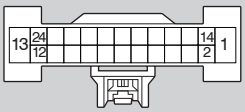
Headlight Switch

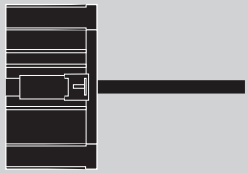
1



Gateway Module

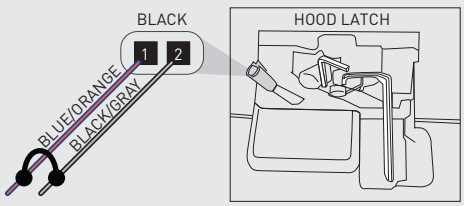
2





D

IF THE VEHICLE IS NOT EQUIPPED WITH AN OEM HOOD SWITCH: CONNECT BLACK/GRAY WIRE TO BLUE/ORANGE WIRE IN LATCH CONNECTOR AND INSTALL AN AFTERMARKET HOOD SWITCH.



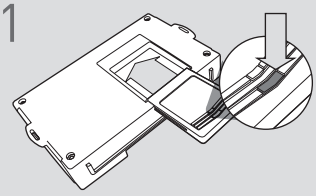
LED Programming Error Codes

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

Patent No. US 8,856,780 CA 2759622

CARTRIDGE INSTALLATION

1 

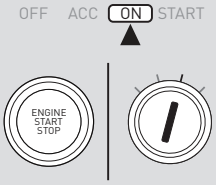
Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

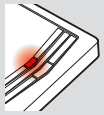
MODULE PROGRAMMING PROCEDURE

1

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

2 

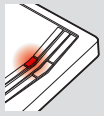
Set ignition to ON position.

3 

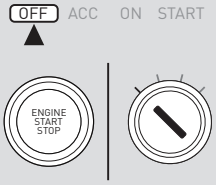
Wait, LED 1 will turn solid RED.

4

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

5 

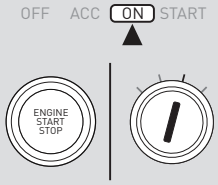
Wait, LED 1 will turn solid RED.

6 

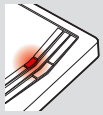
Set ignition to OFF position.

7

DISCONNECT BLADE connector 'A', CONNECT BLADE connector 'B'. proceed with Step 2 programming

8 

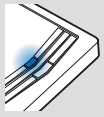
Set ignition to ON position.

9 

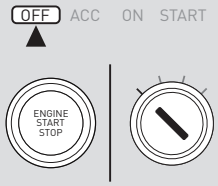
Wait, LED 1 will turn solid RED.

10

Wait, LED 1 will flash BLUE rapidly.

11 

Wait, LED 1 will turn solid BLUE for 2 seconds.

12 

Set ignition to OFF position.

13 Module Programming Procedure completed.

Automotive Data Solutions Inc. © 2020

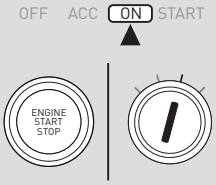
TAKE OVER PROCEDURE - TO THE VEHICLE OWNER

NOTE

I 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 

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

3

Press and release BRAKE pedal.

4 Take over procedure completed.

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

Automotive Data Solutions Inc. © 2020