

FTI-FDK2 Type 1 - Vehicle Coverage & Preparation Notes

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-FM8					Park / Auto			Green White/Blue
Ford	Edge STD key AT	2015-19	Type 1	OBD-II	A			
Ford	Edge PTS AT	2015-19	Type 1	OBD-II	A			
Ford	Edge ST PTS	2019	Type 1	OBD-II	A			
Ford	Ecosport PTS	2018	Type 1	OBD-II	A			
Ford	Ecosport STD Key	2018	Type 1	OBD-II	A			
Ford	Expedition PTS	2018-19	Type 1	OBD-II	A			
Ford	Expedition STD Key	2018-19	Type 1	OBD-II	A			
Ford	Explorer PTS AT	2016-19	Type 1	OBD-II	A			
Ford	Explorer STD Key	2016-19	Type 1	OBD-II	A			
Ford	F-150 STD key AT	2015-19	Type 1	OBD-II	A			
	w/OEM keyless entry							
Ford	F-150 PTS AT	2015-19	Type 1	OBD-II	A			
Ford	F-250/350/450 STD key AT	2017-19	Type 1	OBD-II	A			
	w/OEM keyless entry							
Ford	F-250/350/450 PTS AT	2017-19	Type 1	OBD-II	A			
Ford	Fusion STD key AT	2014-19	Type 1	OBD-II	A			
Ford	Fusion Hybrid STD key AT	2014-19	Type 1	OBD-II	A			
Ford	Fusion PTS AT	2014-19	Type 1	OBD-II	A			
Ford	Fusion Hybrid PTS AT	2014-19	Type 1	OBD-II	A			
Ford	Ranger PTS	2019	Type 1	OBD-II	A			
Lincoln	Continental PTS AT	2017-18	Type 1	OBD-II	A			
Lincoln	MKC PTS AT	2015-18	Type 1	OBD-II	A			
Lincoln	MKZ PTS AT	2014-18	Type 1	OBD-II	A			
Lincoln	MKZ Hybrid PTS AT	2014-18	Type 1	OBD-II	A			
Lincoln	Navigator PTS	2018	Type 1	OBD-II	A			
Lincoln	Nautilus PTS	2019	Type 1	OBD-II	A			

Hey! Read this stuff before you start the installation...

Firmware:

Covered vehicles use **BLADE-AL(DL)-FM8**, flash module and update the controller firmware before installing. Please confirm vehicle applicability on the flash 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.

Okay, now get to work...



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

Jumper Setting					
Parking Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(+)Door Trigger In
Accessory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(-)Door Trigger In (Default)
Ignition (Default)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Trunk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Starter
Starter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ignition
Parking Light (Default)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Accessory (Default)

CM7000/7200

CM-900S/900AS

CM900AS/900S Jumper

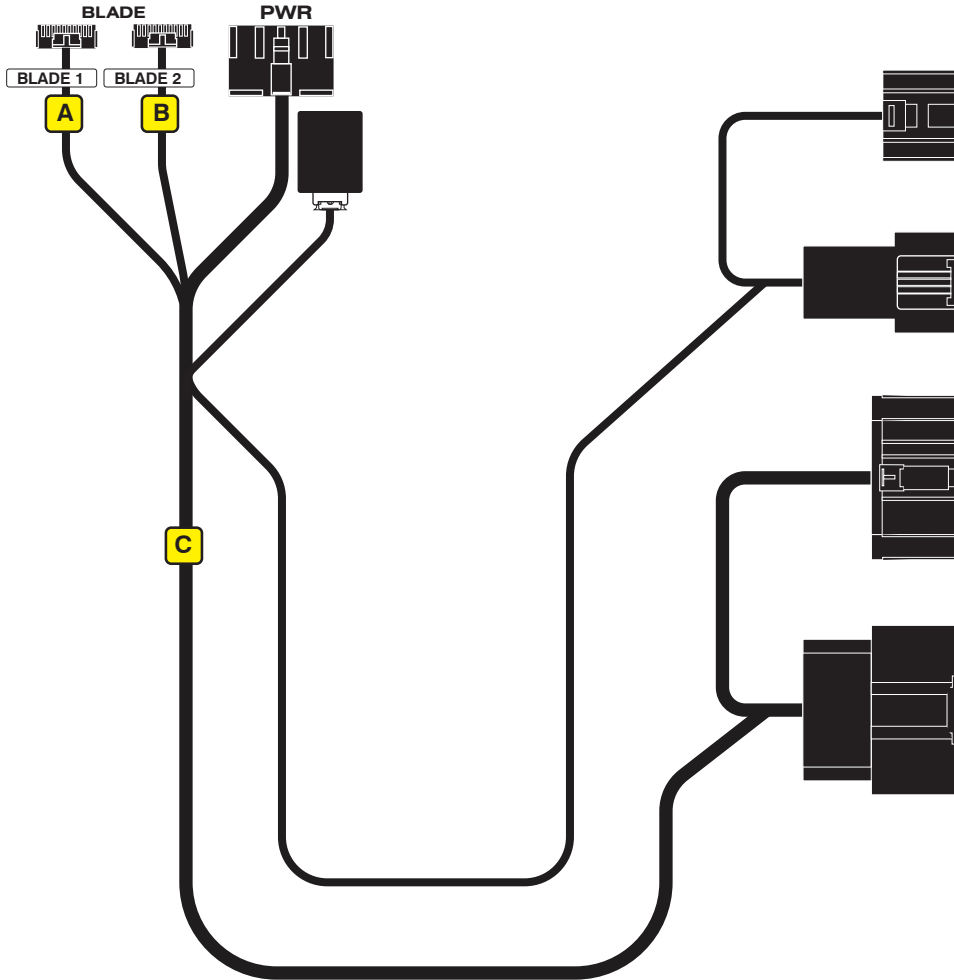
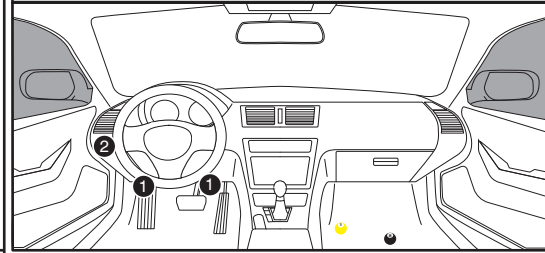
START

ACC

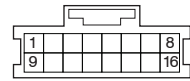
IGN1

Cut loop for A/T

- A** Connect BLADE 1 connector for steps 1 through 6 of module programming, then disconnect at step 7, after deactivating ignition
- B** Connect BLADE 2 connector for steps 8 through 12 of module programming, then leave connected for operation lifetime
- C** Secure BLADE 1 connector to harness body after programming has been completed, insulate with tape to ensure safety
- D** Vehicles not equipped with a factory hood pin may require additional programming using a dealer scan tool, and the installation of a factory hood pin or manipulation of the hood pin circuit.



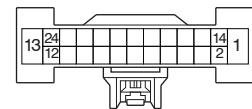
Headlight Switch



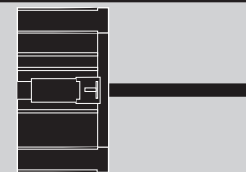
1



Gateway Module

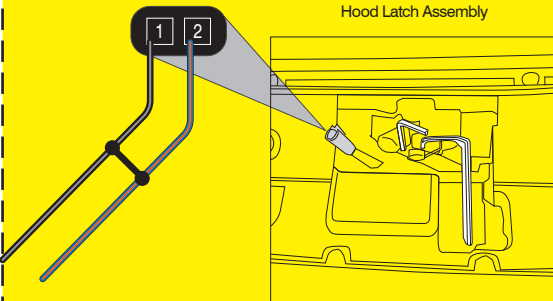


2

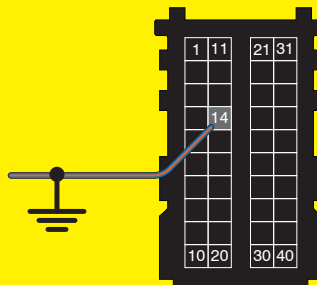


D **Hood Pin Circuit Manipulation**
(if vehicle is not equipped with factory hood pin)

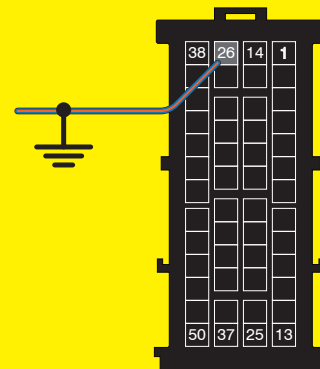
2015 - 2019 Ford F-Series Trucks
Hood Latch Assembly



Ford Explorer
BCM - Driver Side Dash



Ford Eco sport
BCM - Behind Glove Box



Module Programming Procedure

- Step 1 - Connect gateway, headlight, and BLADE 1 connectors
- Step 2 - Activate IGN, module LED will go red, blue, then red
- Step 3 - Deactivate IGN and disconnect BLADE 1 connector
- Step 4 - Connect BLADE 2 connector, activate IGN, wait for module LED to flash rapid blue then solid blue
- Step 5 - Deactivate IGN, programming complete

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
- Fast Blink - CAN connection, reverse BLADE 1/2 connector