# FTI-FDK1: Vehicle Coverage and Preparation Notes

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

Make	Model	Year Install		CAN Lights		Trunk/ Liftgate	Brake	I/O Changes	
DL-FM2 Ford	Fusion Key	2006-09	Type 3	OBD-II	Park / Auto	BCM		Green White/Blue N/A	
Tolu	Fusion Rey	2000-09	Type 3	וו-טטט-וו	A	DCIVI	300	IN/A	

### Firmware:

Covered vehicles use BLADE-AL(DL)-FM2, flash module and update the controller firmware before installing.

### **Controller Configuration:**

Set feature 1-11 to option 2 (Ignition pulse - same timing as disarm pulse) for proper handling of OEM alarm.

### **Door Locks:**

Vehicles with Alarm: Door locks require three connections (1-unlock, 2-lock) and two diodes.

Vehicles without Alarm: Door locks require two wires and no diodes.

### Brake:

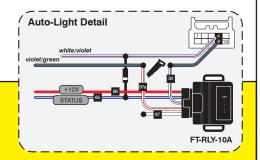
Analog brake connection required, wire is *purple/white* (brake switch connector, pin #4).

## Auto-Lights:

If vehicle is equipped with Auto-Light feature, refer to diagram for required connections.



Please note that the harness has changed, jumpers have been added that allow selecting between IGN and PATS power for BLADE programming. This install type does not require using these jumpers, do not connect.



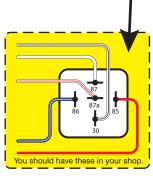
FT-DAS Required for manual transmission.

BOTH Red & Red/White MUST be connected with high current application.

 Jumper Setting

# FTI-FDK1 - Installation and Configuration Notes

- A DO NOT CUT DL-FM3 TX loop
- B DO NOT CONNECT unless vehicle has NO IMMOBILIZER
- C CONNECTIONS FOR VEHICLE WITHOUT ALARM
- D CONNECTIONS FOR VEHICLE WITH ALARM
- E TRUNK RELEASE AND BRAKE CONNECTION



Igriden iberdale (E	
Trunk 🗖	Starter
Starter 🗆	l 🗖 🗖 🗖 Ignition
Parking Light (Default) 厄	Accessory (Default)
Turians Egric (Boldato	A STATE OF THE STA
CM7000/7200	Cut loop for A/T
	CM-900S/900AS
CM900AS	/900S Jumper



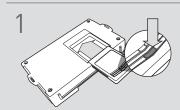
	FEATURE COVERAGE																
0		0	0	0	0	0				0	0	0	0		0	0	
IMMOBILIZER DATA		DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE				DOOR STATUS	RAP SHUTDOWN	HOOD STATUS	тасн оптрит		A/M CONTROL	PARKING LIGHTS	



Patent No. US 8,856,780 CA 2759622

Page 11 of 13 COM-BLADE-AL(DL)-FM2-EN Doc. No.: ##65139## 20190812

# CARTRIDGE INSTALLATION



Slide cartridge into unit. Notice button under LED.

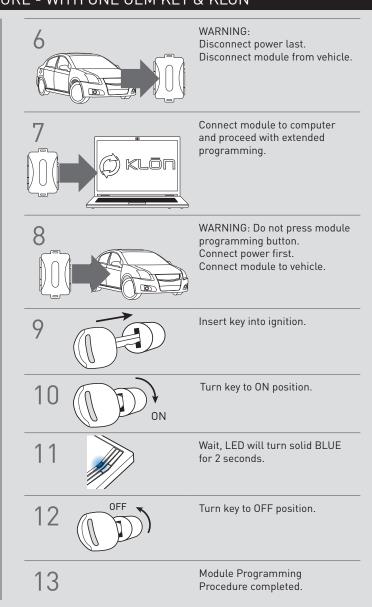
2

Ready for Module Programming Procedure.

# MODULE PROGRAMMING PROCEDURE - WITH ONE OEM KEY & KLON

		E PROGRAMMING PROCE
1		Insert key into ignition.
2	ON	Turn key to ON position.
3		LED will turn solid RED.
4		If LED turns solid BLUE, proceed with step 13.  If LED flashes BLUE, proceed with step 5.
į	If the LED begins to flash bit encryption that is not	RED/BLUE, the key has an 80-covered by KLON.

Turn key to OFF position.



5



Patent No. US 8,856,780 CA 2759622

Page 12 of 13 COM-BLADE-AL(DL)-FM2-EN Doc. No.: ##65139## 20190812

# MODULE PROGRAMMING PROCEDURE - WITH TWO OEM KEYS

### NOTE

I To complete this procedure, both OEM keys are required.



II Keep both OEM remotes at least 10 feet away from the vehicule.



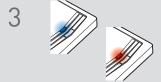
Use both valet keys for the module programming procedure.



Insert key 1 into ignition.



Turn key 1 to ON position.



If LED turns solid BLUE, proceed with step 18.

If LED turns solid RED, proceed proceed with step 4.



Wait, LED will flash BLUE. (This may take up to 10 seconds.)



Turn key 1 to OFF position.

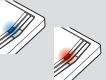


Turn key 1 to 0N position.



If the LED begins to flash RED, verify the RX and TX connections between the module and the vehicle.





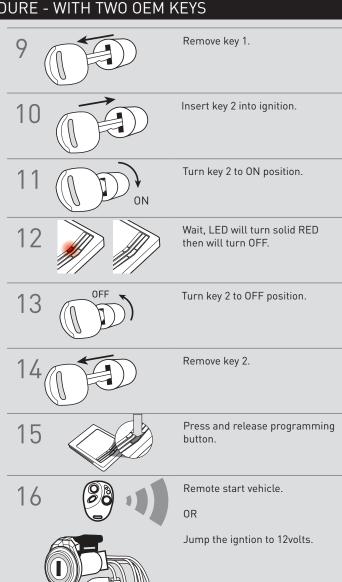
If LED turns solid BLUE for 2 seconds, proceed with step 18.

If LED turns solid RED, proceed with step 8 within 5 seconds, after LED turns OFF.

8



Turn key 1 to OFF position.





If the LED begins to flash RED, you are using a cloned key or used the same key twice.



Wait, LED will turn solid RED then will turn solid BLUE.

18

Module Programming Procedure completed.