

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-FM2					Park / Auto			Green White/Blue
Ford	Edge	2007-10	Type 1	OBD-II	A			
Ford	Escape	2008-12	Type 1	OBD-II	A			
Ford	Flex	2009-12	Type 1	OBD-II	A			
Ford	Focus	2008-11	Type 1	OBD-II	A			
Lincoln	MKX	2007-10	Type 1	OBD-II	A			
Mazda	Tribute	2008-11	Type 1	OBD-II	A			
Mercury	Mariner	2008-11	Type 1	OBD-II	A			
Mercury	Mariner Hybrid	2008-11	Type 1	OBD-II	A			

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

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:

With alarm: Door locks require three wire connections (1-unlock, 2-lock) and two (2) diodes isolating the lock wires.

Without alarm: Door locks require two wire connections and no diodes.

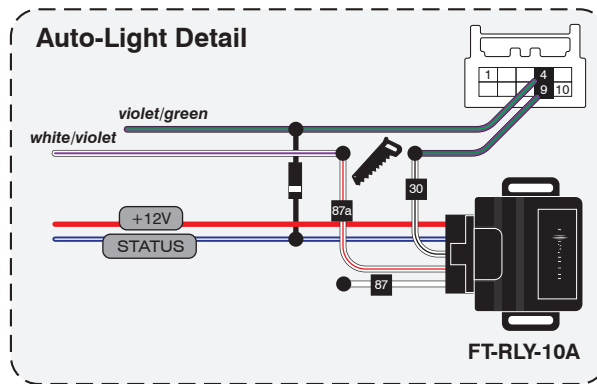
Auto-lights:

If vehicle is equipped with auto-light feature, refer to the diagram below for required connections.

Auto-light: **violet/green** (pin #9)

Light-off: **white/violet** (pin #4)

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

CM7000/7200 Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper

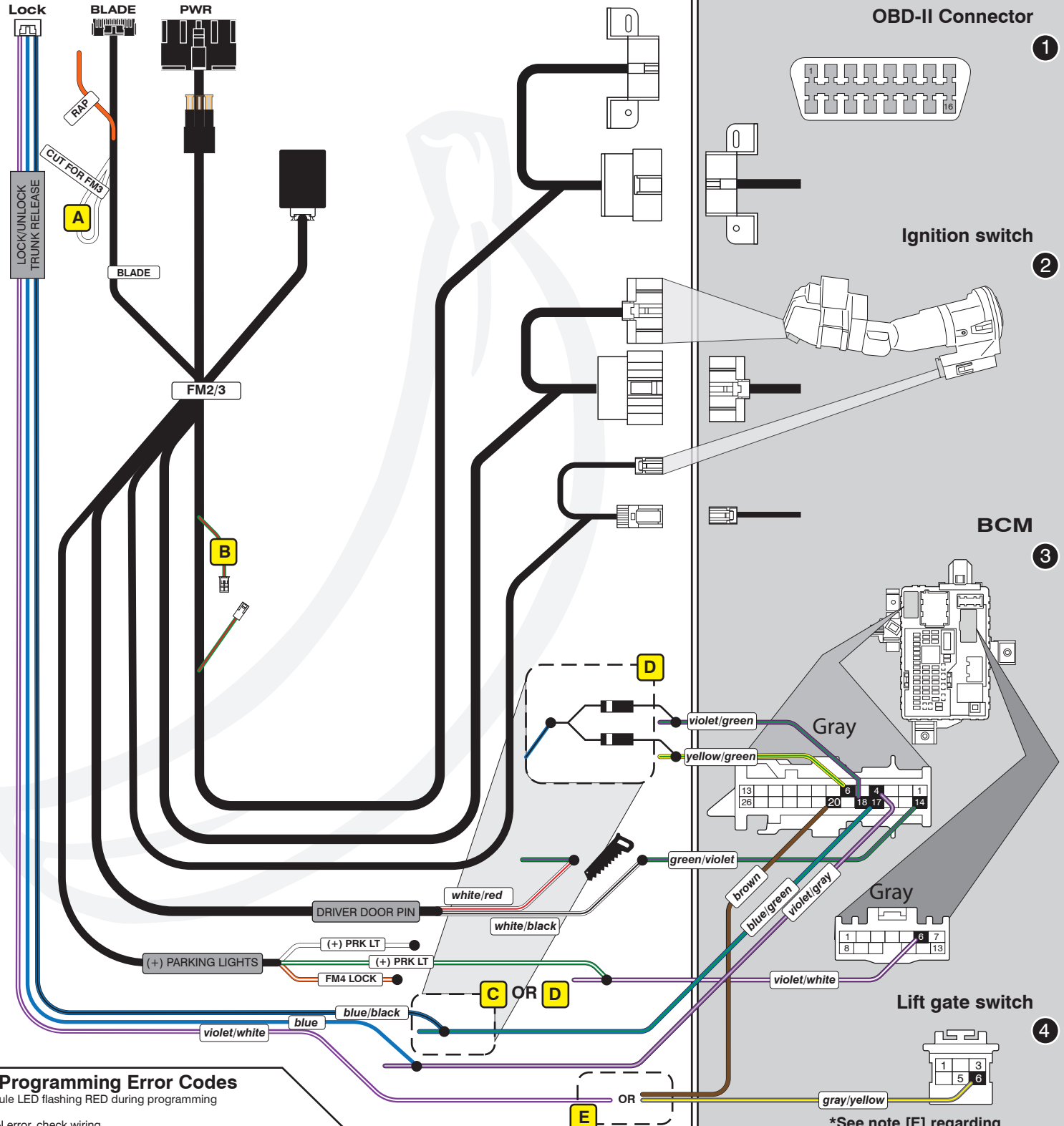
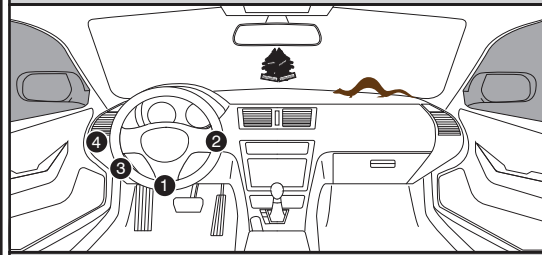
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
START	ACC	IGN1



FTI-FDK1 Type 1A - Installation Notes & Wiring Diagram

FIRSTECH, L.L.C.

- A** DL-FM3 TX loop, not used in this install type, do not cut.
- B** Jumper for vehicles that are not equipped with immobilizer, do not connect unless vehicle is confirmed not equipped. If vehicle is not equipped, connect before programming to skip immobilizer learn.
- C** NO ALARM: Door lock connection at BCM (pin #17, **blue/green**, 26-pin connector)
- D** WITH ALARM: Door lock/arm connections at BCM (pin #6, **yellow/green**, pin #18, **violet/green**, 26-pin connector), diode isolate the factory wires (cathode toward CM) and connect to CM output
- E** Lift gate release at switch in the **Edge, Flex, and MKX**, position and color vary (**gray/yellow** or **brown**, pins 3, 5, or 6), all other covered vehicles at BCM 26-pin connector, **brown** or **brown/yellow**, pin #20.



LED Programming Error Codes

Module LED flashing RED during programming

- 1x - CAN error, check wiring
- 2x - VIN error, check CAN wiring
- 3x - Wrong firmware, confirm firmware flashed
- 4x - VIN error, vehicle not identified, contact support
- 5x - Immobilizer learn error, check RX/TX wiring
- 6x - K-LON error, check RX/TX wiring, confirm pin positions
- 7x - K-LON error, process failed, reset module and start over
- 8x - Encryption error, confirm key encryption, 80 bit detected
- 9x - Key in cylinder, remove and proceed

Module Programming Procedure

- Step 1 - Key #1 in activate IGN, if LED goes blue, you're done if LED goes red, wait until flashes blue then key off/on
 - Step 2 - If LED goes blue, you're done, if red, insert key #2 and activate IGN, when LED is red, remove key, press module button, and remote start vehicle, blue/done.
- *See BLADE guide for more detailed instructions

FTI-FDK1 Type 1A

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

*See note [E] regarding color and location variances