

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-FM2					Park / Auto			Green White/Blue
Ford	Explorer	2006-10	Type 1	OBD-II	A			
Ford	Sport Trac	2007-10	Type 1	OBD-II	A			
Mercury	Mountaineer	2006-10	Type 1	OBD-II	A			

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

Firmware:

Covered vehicles use **BLADE-AL(DL)-FM2** firmware, 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 connections (1-unlock, 2-lock) and two diodes.

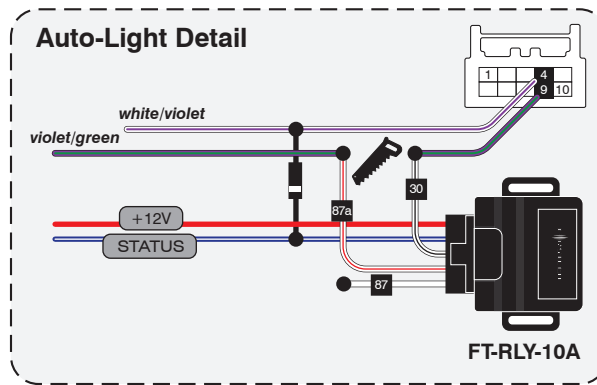
Without Alarm: Door locks require two wires and no diodes.

Brake:

Analog brake connection required, there are two possible connector types used, wire color is **purple/white** at the brake switch connector, pin #4 of 4-pin connector, or pin #2 of the 2-pin connector, vehicle equipment varies.

Auto-Lights:

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



- 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

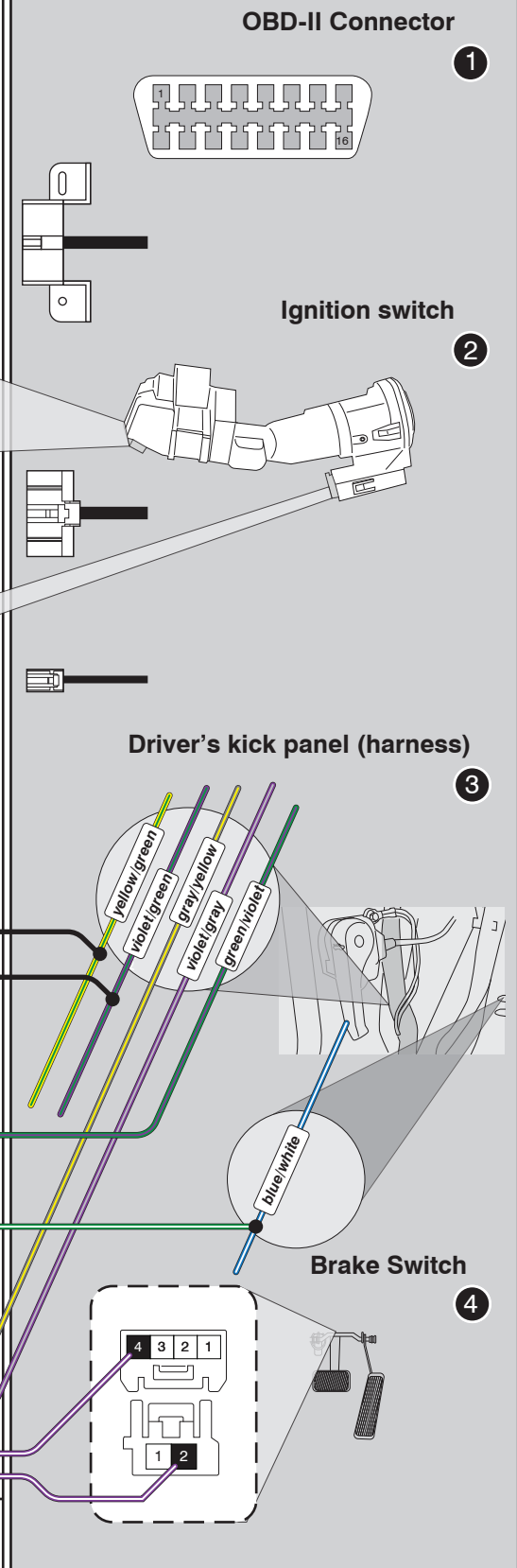
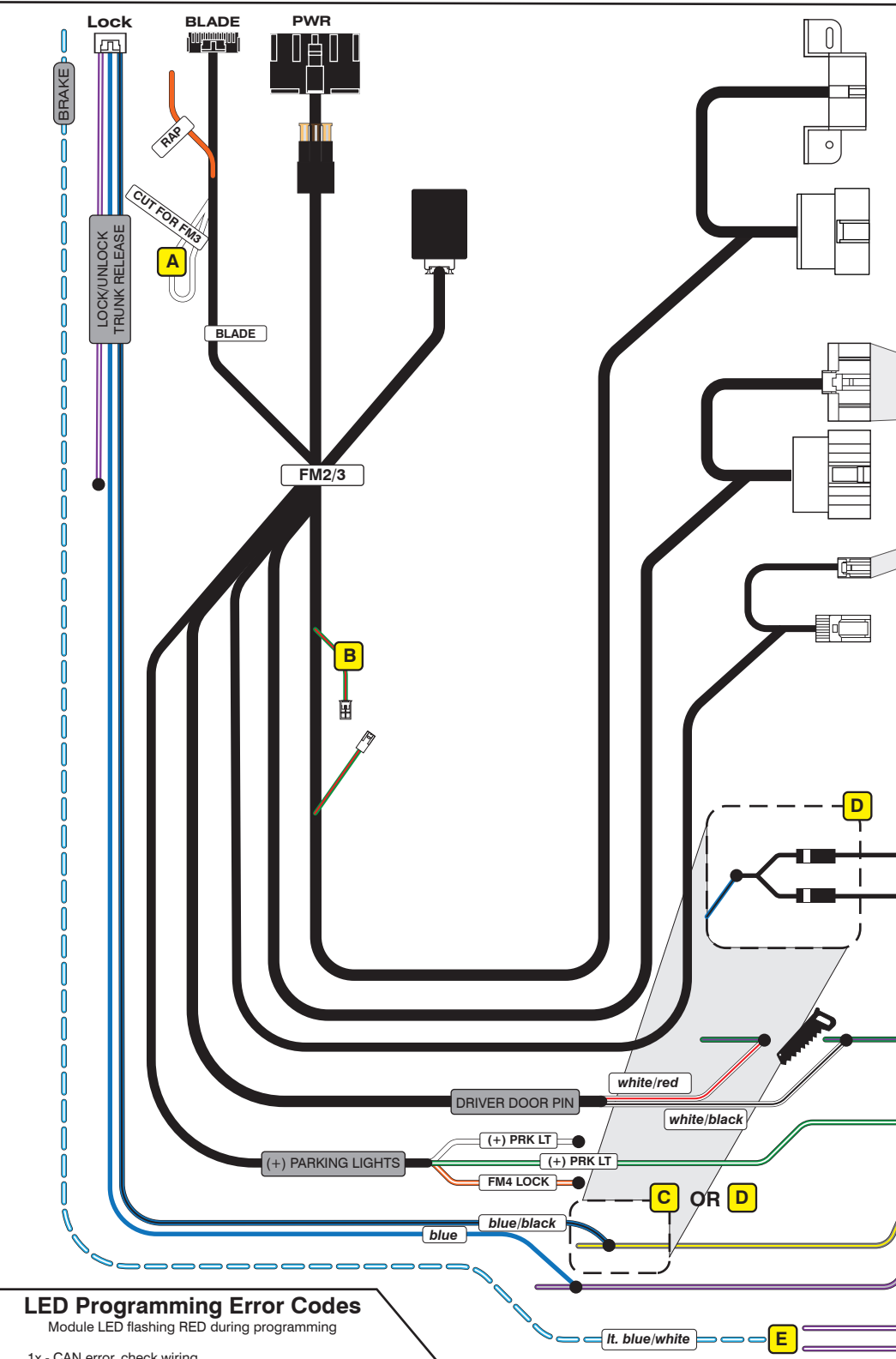
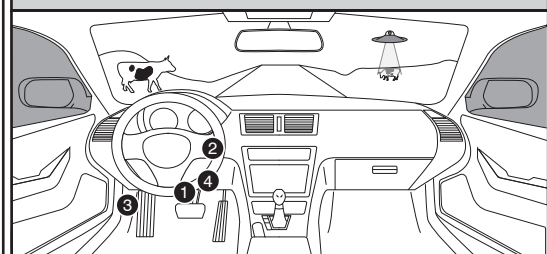
CM900AS/900S Jumper	
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
START	
ACC	
IGN1	



FTI-FDK1 Type 1A3 - Installation Notes & Wiring Diagram

- 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 in driver kick panel harness, color is **gray/yellow**
- D** **WITH ALARM:** Door lock/arm connections are **yellow/green** and **violet/green**, in the driver kick panel harness, diode isolate the factory wires (cathode toward CM) and connect to CM output
- E** Brake status is at the brake switch assembly, wire color is **violet/white** in either pin #2 of a **gray** 2-pin plug or pin #4 of a **white 4-pin** plug

FIRSTECH, L.L.C.



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 1A3

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