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

**Firmware:**
Covered vehicles use **BLADE-AL(DL)-CH12**, flash module and update the controller firmware before installing.

**Install:**
**Type 1** vehicles use CAN connections in harness at the OBD-II connector. The included CAN extension cable is not required for this install type.

**Lighting:**
**Type D** parking lights require a controller POC be configured for **Hazard control** (POC option #30) and connected to the **lt, green/red** wire, located at BCM connector C8, pin #59. The harness 6 & 10-pin connectors are not used. Please ensure that they are properly secured for safety.

**Ignition:**
Ignition is available at the power steering module connector, under the steering wheel, connector C-1 (black 10-pin, pin #1, **orange/white**).

**RAP:**
Retained accessory power is handled by harness provision (orange/white), and is connected to the driver door pin circuit (**white/purple**) at the BCM, connector C6, pin #7.

Okay, now get to work...
Type 1 CAN connection uses harness provision to source CAN data from OBD-II connector. Please ensure that all unused connections are properly secured for safety.

The included CAN extension cable is not required for this installation type, do not use. This installation type does use either of the provided light switch connectors. See note below regarding hazard lights.

Ignition source jumper, connect to pink IGN A leads for covered vehicles. IGN is available at the power steering module connector, wire is orange/white, pin #1, 10-pin connector under steering wheel.

Harness orange/white wire (RAP SHUTDOWN) controls the RAP function for this install type, connect to driver door pin wire at BCM connector C-6 (green 60-pin connector, white/purple, pin #7).

Type D lighting, hazard light control, requires a controller POC set to option #30 (hazard control), and connection to wire at BCM connector C-8 (gray 60-pin connector, lt. green/red, pin #59).

Module Programming Procedure CH12

Step 1 - Close and open driver door to wake data bus
Step 2 - Press unlock on OEM key fob, LED should blink blue
Step 3 - Activate IGN, press PTS button (2x)
Step 4 - If LED turns solid RED, cycle IGN ON/OFF until LED blinks rapid blue
Step 5 - If LED blinks rapid BLUE, turn IGN OFF
Step 7 - Disconnect controller and complete extended key programming
Step 8 - Reconnect and wake vehicle, activate IGN, LED should go solid blue
Step 9 - Programming complete

LED Programming Error Codes

Module LED flashing RED during programming
1x - CAN Error, check CAN wiring and voltages
2x - Key code not learned, confirm unlock sent, check CAN
3x - No IGNITION, check connection
4x - No immobilizer activity, confirm CAN wiring & fob present
5x - VIN error, check CAN wiring, confirm vehicle entry
6x - See 4x error
7x - KLOE error
8x - No IGNITION, check connection

HAZARD IGN B CAN B

FTI-CDP1 Type 1H - Installation Notes & Wiring Diagram

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FTI-CDP1 Type 1H