

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
<b>DL-CH4</b>					Park / Auto			Green White/Blue
Dodge	Journey	2009-10	Type 1	WIN	C	F		

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

**Firmware:**  
Covered vehicles require **BLADE-AL(DL)-CH4** firmware, flash module and update the controller firmware before installing.

**CAN:**  
In the event that troubleshooting is necessary, CAN connections are in the connector at the WIN (Wireless Ignition Node)

**Lights:**  
**Type C** (+12V) parking lights require an optional relay, parking light wire is **purple** in the passenger kick panel, the supplied 6-pin & 10-pin connectors should be properly secured for safety

**RAP:**  
**Type F** - RAP shutdown handling for all other covered vehicles is at the driver door pin wire, **purple** wire located in the driver kick panel harness, circuit tests (-) negative with door open

**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**

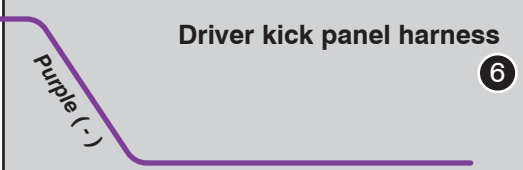
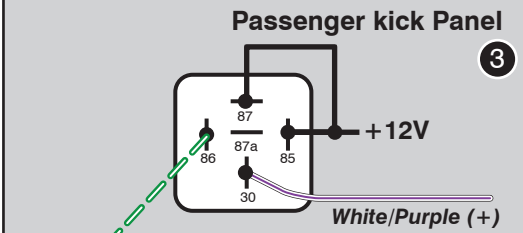
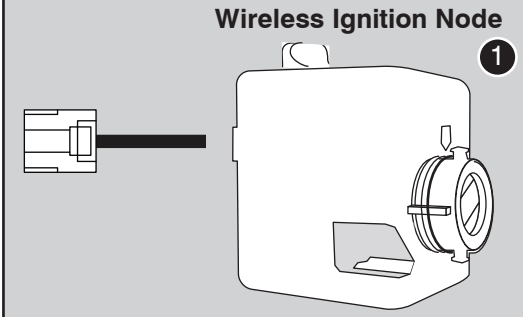
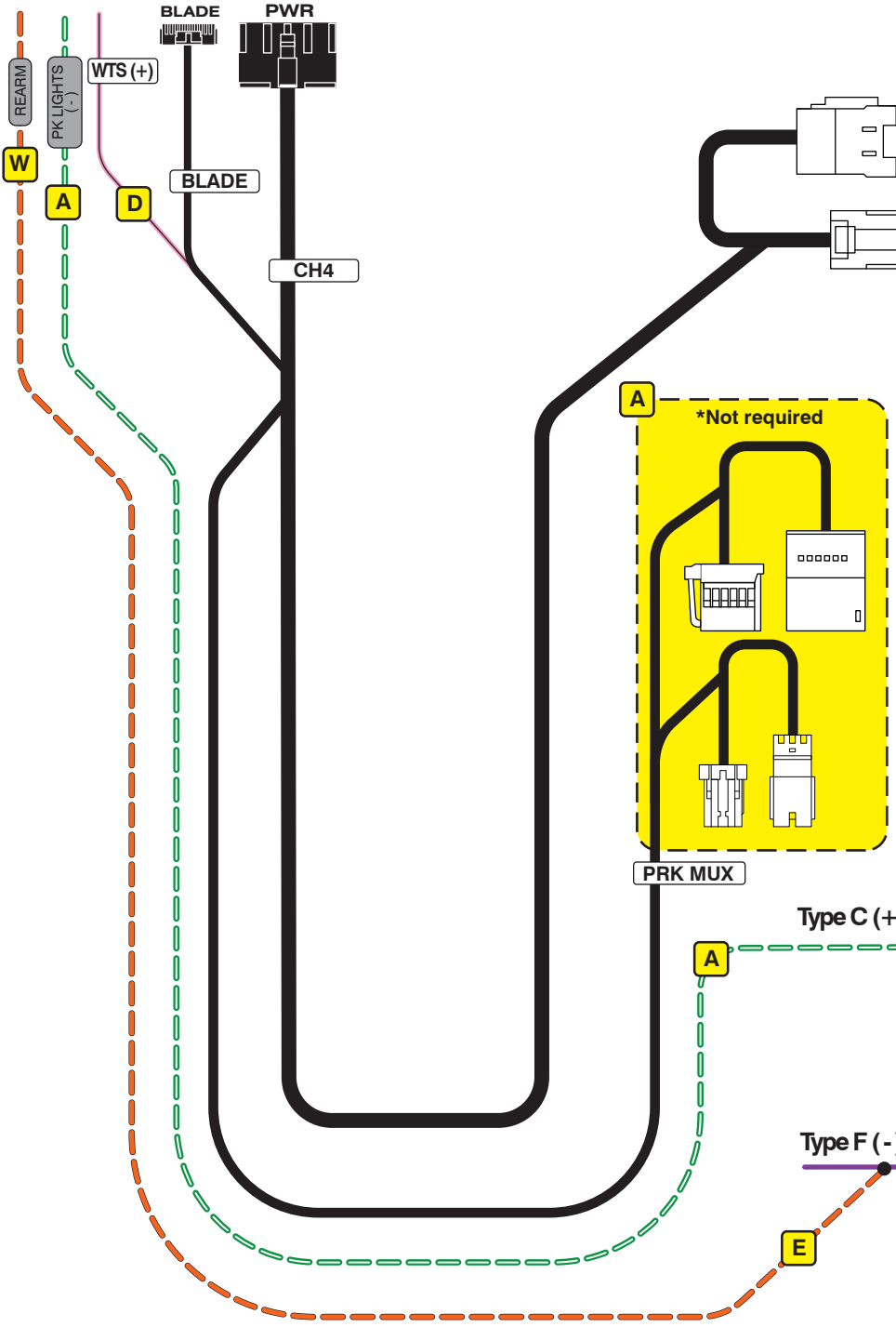
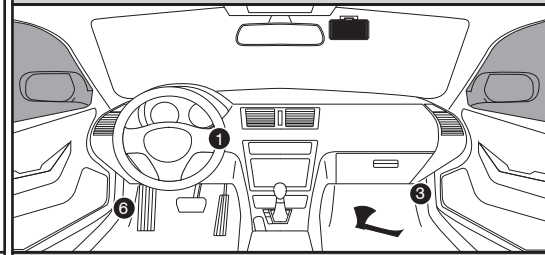
CM900AS/900S Jumper	
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

**START**  
**ACC**  
**IGN1**



# FTI-CDK2 Type 1C - Installation Notes & Wiring Diagram

- W** To provide control over vehicle Retained Accessory Power, configure controller POC for setting #31 (RAP), see note **E** for additional considerations.
- A** **Type C** Parking light connections require the controller (-) parking light output be connected to an optional relay. Please secure the unused 6-pin & 10-pin connectors are secured for safety
- D** WTS (Wait to start) output from BLADE connector, connect to controller input for proper delay for diesel vehicles. Properly insulate and secure if not used
- E** **Type F** RAP control requires a connection to the purple wire originating at the driver door pin, access is located in the driver kick panel harness



## Module Programming Procedure

- Step 1 - Wake BCM by closing then opening driver's door
- Step 2 - Activate IGN, module LED should turn red
- Step 3 - Wait for LED to begin rapidly flashing blue
- Step 4 - Remove key and press unlock on OEM key fob, if fob is unavailable/defective, press module button
- Step 5 - Programming complete when LED turns solid blue

**\*\* IF BUTTON PRESS IS REQUIRED, KEYLESS CONTROL MAY REQUIRE ADDITIONAL PARTS OR WIRING**

## LED Programming Error Codes

- Module LED flashing RED during programming
- 1x - CAN issue
  - 2x - Immobilizer (confirm vehicle equipped, press button if not)
  - 3x - Immobilizer (confirm vehicle starts by key)
  - 4x - No VIN info
  - 5x - VIN mismatch (contact support)