

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-CH4					Park / Auto			Green White/Blue
Chrysler	Town & Country	2011-16	Type 1	WIN	B	F		
Dodge	Durango	2011-13	Type 1	WIN	B	F		
Dodge	Grand Caravan	2011-20	Type 1	WIN	B	F		
RAM	C/V	2011-15	Type 1	WIN	B	F		
VW	Routan	2011-12	Type 1	WIN	B	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 of that troubleshooting is necessary, CAN connections are in the connector at the WIN (Wireless Ignition Node)

Lights:

Type B MUX type parking lights are populated in the supplied 10-pin headlight switch connector on the harness assembly, properly secure the unused 6-pin connector for safety

RAP:

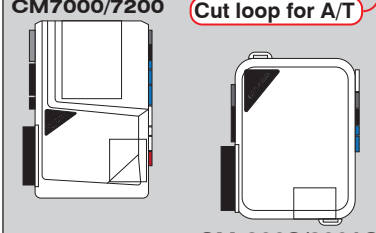
Type F - RAP shutdown handling for all other covered vehicles is at the driver door pin wire, **purple** wire located in the driver kick panel harness, circuit tests (-) negative with door open

Okay, now get to work...

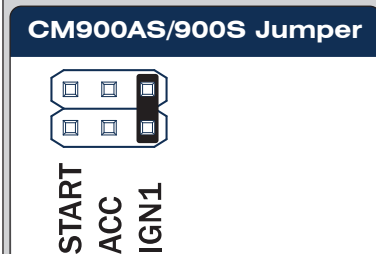
- FT-DAS Required for manual transmission.
- BOTH Red & Red/White MUST be connected with high current application.

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

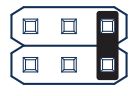
CM7000/7200



CM-900S/900AS



CM900AS/900S Jumper

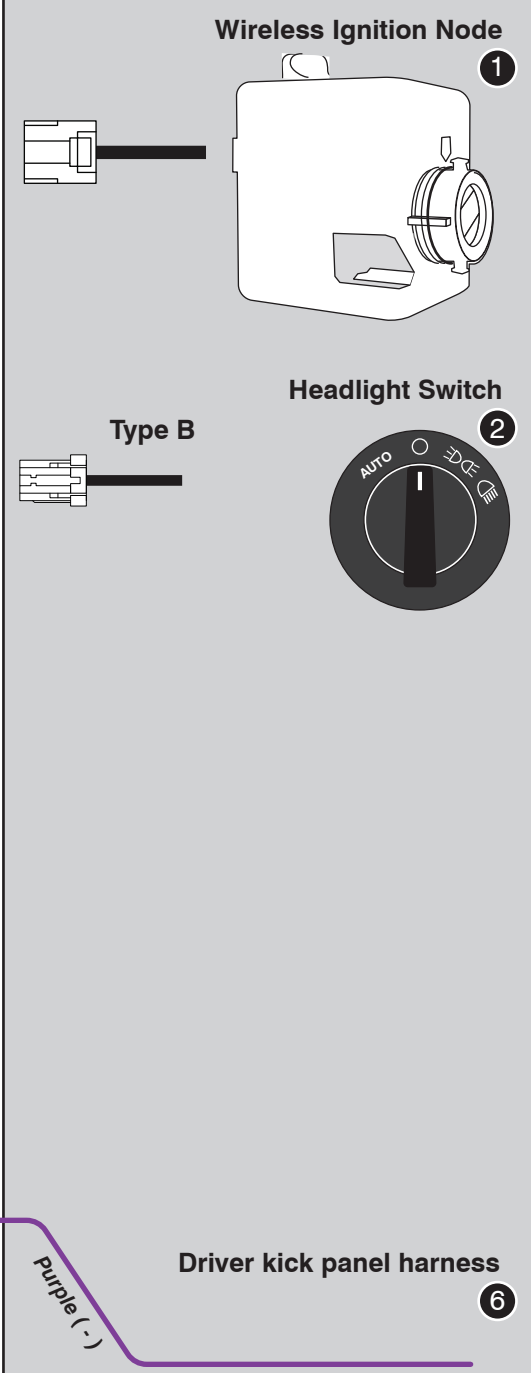
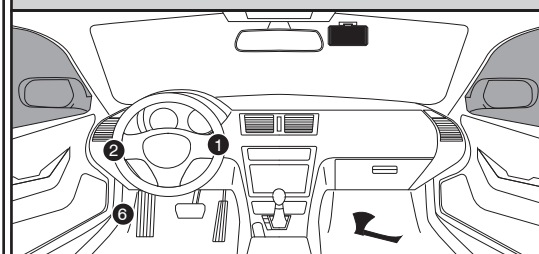
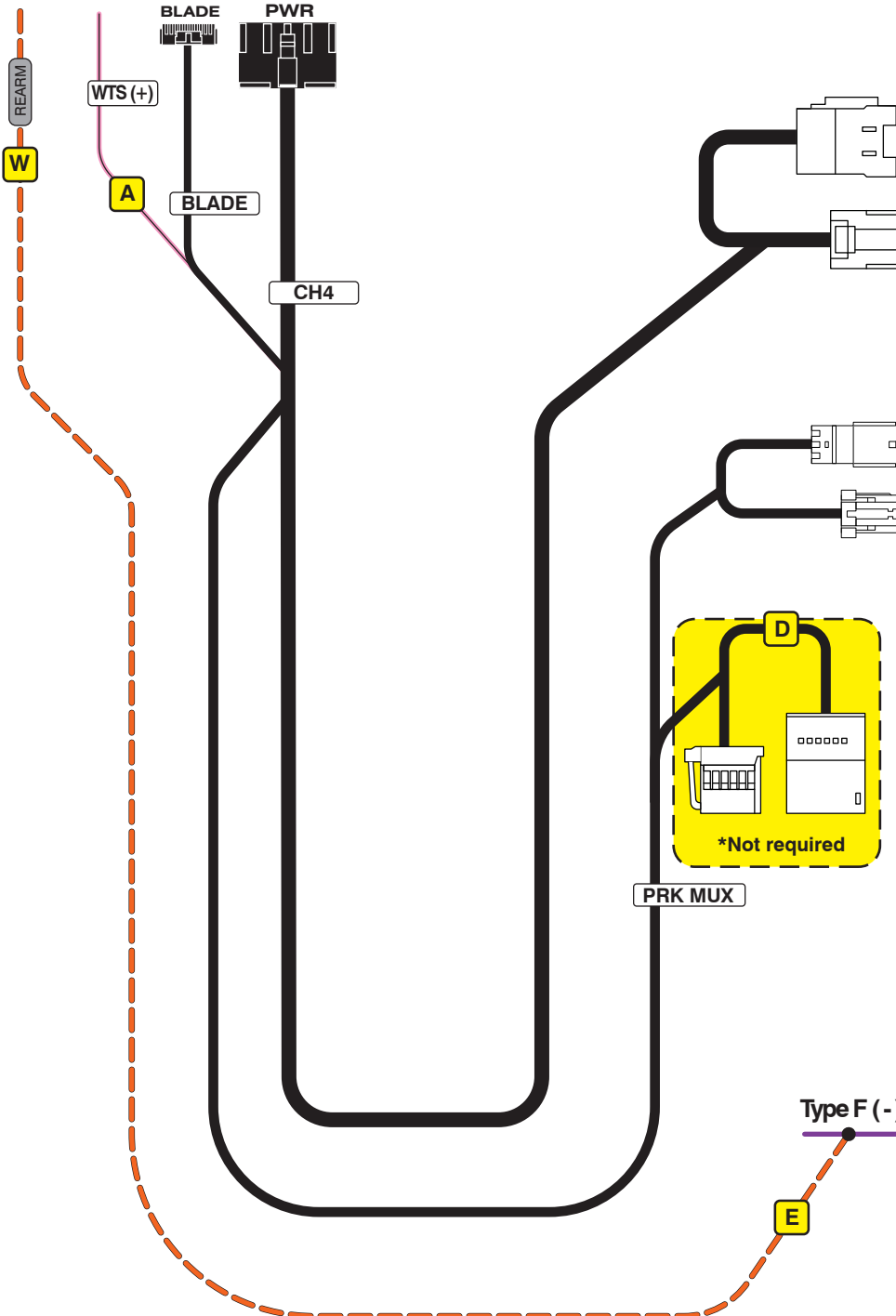


START
ACC
IGN1



FTI-CDK2 Type 1B - 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** 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
- D** **Type A** Parking light connections not required for this installation type. Please ensure that the unused connector is secured for safety
- 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
- ** IF BUTTON PRESS IS REQUIRED, KEYLESS CONTROL MAY REQUIRE ADDITIONAL PARTS OR WIRING**
- Step 5 - Programming complete when LED turns solid blue

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)