

FTI-CDP1 Type 2G -Vehicle Coverage & Preparation Notes

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12					Park / Auto			Green White/Blue
Jeep	Renegade PTS	2018-19	Type 2	BCM	D	G	BCM	

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 2 vehicles use the included CAN extension cable to source CAN data from the BCM connector C8 (CANH, pin #52, **lt. green**, CANL, pin #53, **brown**) by direct connection.

Lighting:

Type D parking lights require a controller POC be configured for **either Hazard1** (POC option #30 (momentary) **or Hazard2** (POC option #23 (latching) 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.

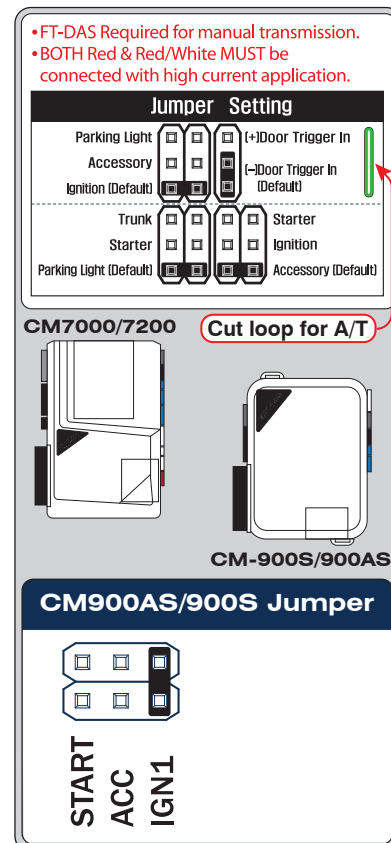
Ignition:

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

RAP:

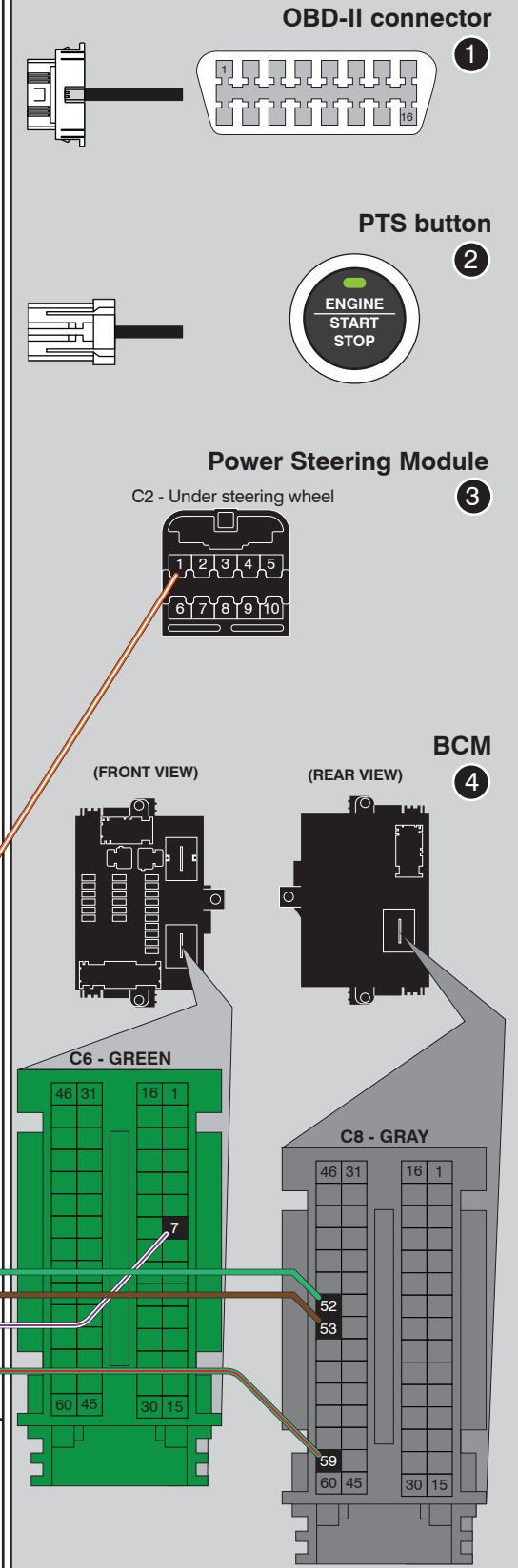
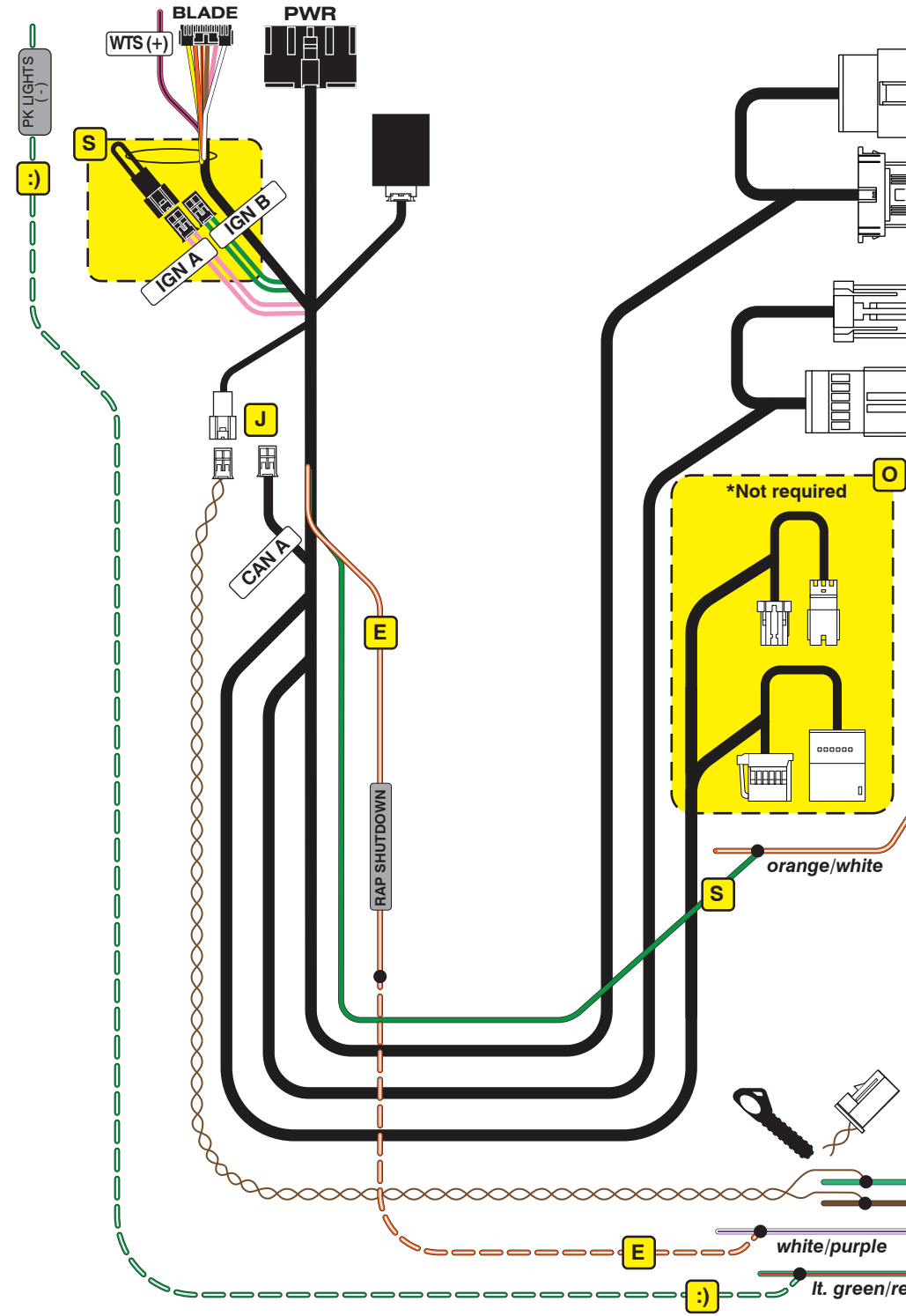
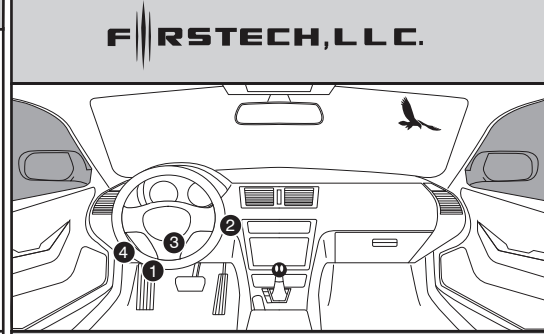
Retained accessory power is handled by harness provision (orange/white), and is connected to the driver door pin circuit (**white/purple**) at the BCM, connector C6, pin #7.

Okay, now get to work...



FTI-CDP1 Type 2G - Installation Notes & Wiring Diagram

- J** Type 2 CAN requires using the included CAN extension to source CAN data from the BCM, connector C8 (CANH, pin #52, **lt. green**, CANL, pin #53, **brown**)
- O** This install type does not use either the provided 6 or 10-pin light switch connectors. See note below regarding hazard light control and required connections
- S** Ignition source jumper, connect to pink leads for covered vehicles. Ignition available at the power steering module connector, wire is **orange/white**, pin #1, 10-pin connector under steering wheel
- E** 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 - KLON error
 - 8x - No IGNITION, check connection