

FTI-CDK2 Type 1D - Vehicle Coverage & Preparation Notes

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-CH4					Park / Auto			Green White/Blue
Jeep	Commander	2008-10		WIN	D	E		
Jeep	Grand Cherokee	2008-10		WIN	D	E		

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 D (+12V) parking lights require the controller (-) parking light output to be connected to the factory relay at the IPDM (under hood near battery, relay #7, pin #1), the supplied 6-pin & 10-pin connectors should be properly secured for safety

RAP:
Type E - RAP shutdown handling for all other covered vehicles is at the driver door module, located behind the driver door panel (pin #5, **purple**, in the 20-pin connector)

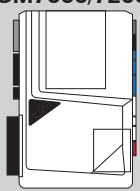
Okay, now get to work...

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

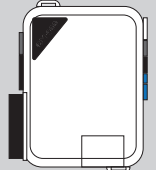
Jumper Setting

Parking Light	Accessory	Ignition (Default)	Trunk	Starter	Parking Light (Default)	(+1)Door Trigger In (Default)	(-)Door Trigger In (Default)	Starter Ignition	Accessory (Default)
□	□	□	□	□	□	□	□	□	□


CM7000/7200 Cut loop for A/T



CM-900S/900AS



CM900AS/900S Jumper

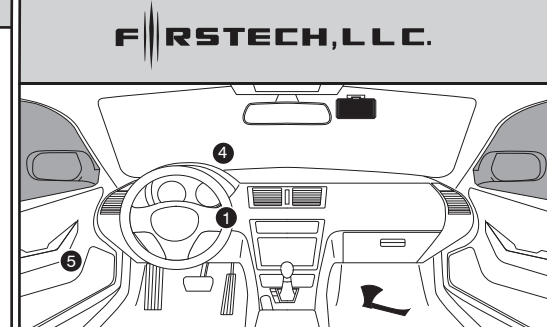


**START
ACC
IGN1**

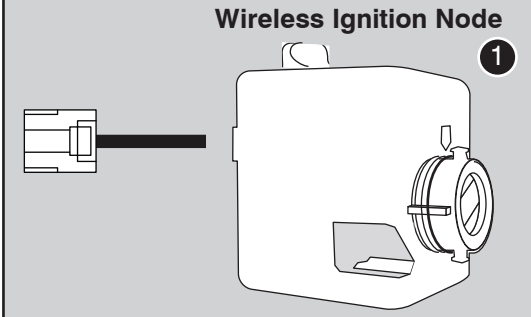
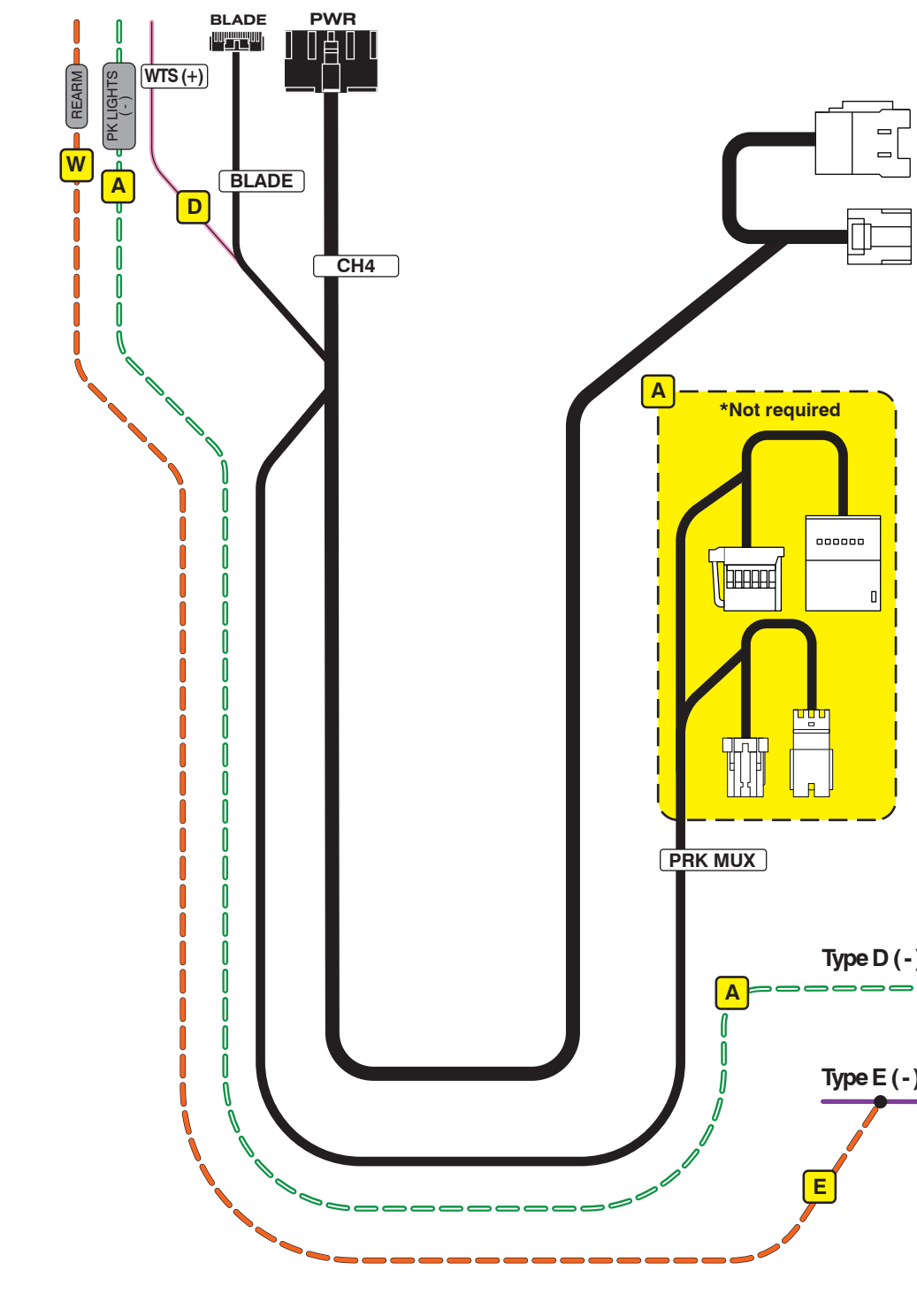


FTI-CDK2 Type 1D - Installation Notes & Wiring Diagram

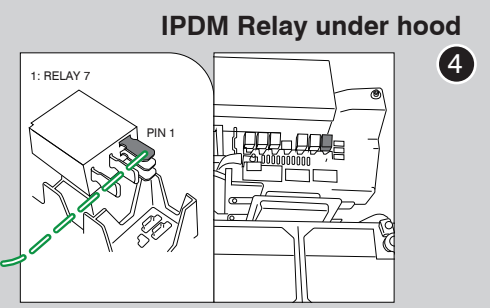
- W** To provide control over vehicle Retained Accessory Power, configure controller POC for setting #31 (RAP), see note **E** for additional considerations.
- A** **Type D** Parking light connections require the controller (-) parking light output be connected at the IPDM (under hood near battery, relay #7, pin #1) secure unused 6-pin & 10-pin connectors 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 E** RAP control requires a connection to the driver door module (pin #5, **purple**), located behind the driver door panel, care should be taken running wires through the factory boot to avoid damage



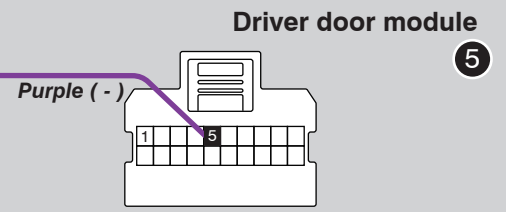
FIRSTECH, L.L.C.



Wireless Ignition Node 1



IPDM Relay under hood 4



Driver door module 5

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)

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