

# FTI-CDK1 Type 1C - Vehicle Coverage & Preparation Notes

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
<b>DL-CH5</b>					Park / Auto			Green White/Blue
Jeep	Commander	2006-07	Type 1	SKREEM	C	D		
Jeep	Grand Cherokee	2005-07	Type 1	SKREEM	C	D		

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

**Firmware:**

Covered vehicles utilize the **BLADE-AL(DL)-CH5** firmware, flash module and update the controller firmware before installing.

**Warning:**

SKREEM damage may result from excess pressure placed upon the SKREEM connector and harness during disassembly. Fully exposing the SKREEM so that the connector release can be fully depressed will help avoid damaging the module.

**Install:**

**Type 1** installs require START and MUX connections provided in harness assembly

**Lights:**

**Type C ( - )** parking lights connection is located at the IPDM which is located (under the vehicle hood, near battery), in the IPDM relay bank, relay #7, pin #1

**RAP:**

**Type D ( - )** retained accessory power (RAP) handling requires connecting the controller rearm output to the driver's door pin wire, **purple** in the driver kick panel harness

**Start: Green/white** pk light connection not required, connect **red/white** park light input to +12V and insulate the unused green/white.

**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**

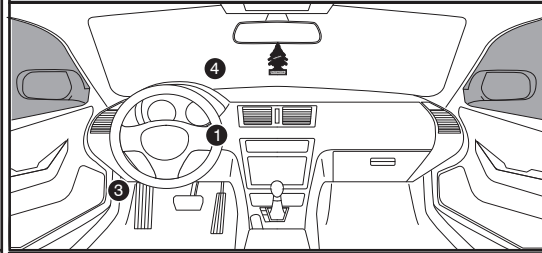
START  
ACC  
IGN1



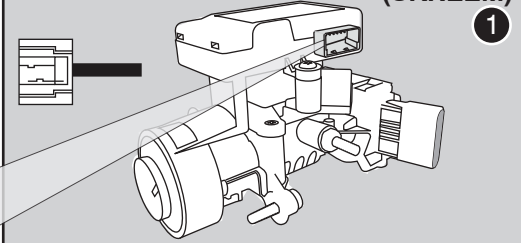
# FTI-CDK1 Type 1C - Installation Notes & Wiring Diagram

- J** +12V START and MUX control wires for Type 1 vehicles, please ensure that all connections to the factory wiring are properly terminated and secured for safety
- O** Fused +12V provisions for Type B parking light connections, **green/white** not used, **red/white** is used to supply +12V start output, connect to +12V constant. Secure unused wires and insulate for safety.
- S** Type C (IPDM) parking lights utilize the controller's (-) parking light output connected to the OEM parking light relay in the vehicle IPDM, located under the hood, next to the battery
- H** Retained Accessory Power (RAP) handling requires controller rearm output to be configured for RAP, option #31, and connected to the driver's door pin wire (purple) in the driver's kick panel harness

**FIRSTECH, L.L.C.**



## Sentry Key Remote Entry Module (SKREEM)



(Type 1 - Start & MUX connections)



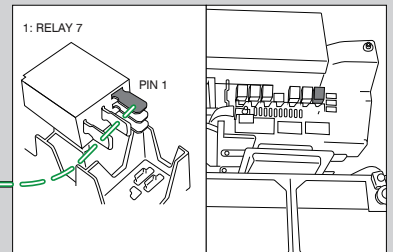
pink/stripe \*  
purple/brown

\* blue  
\* green  
\* orange

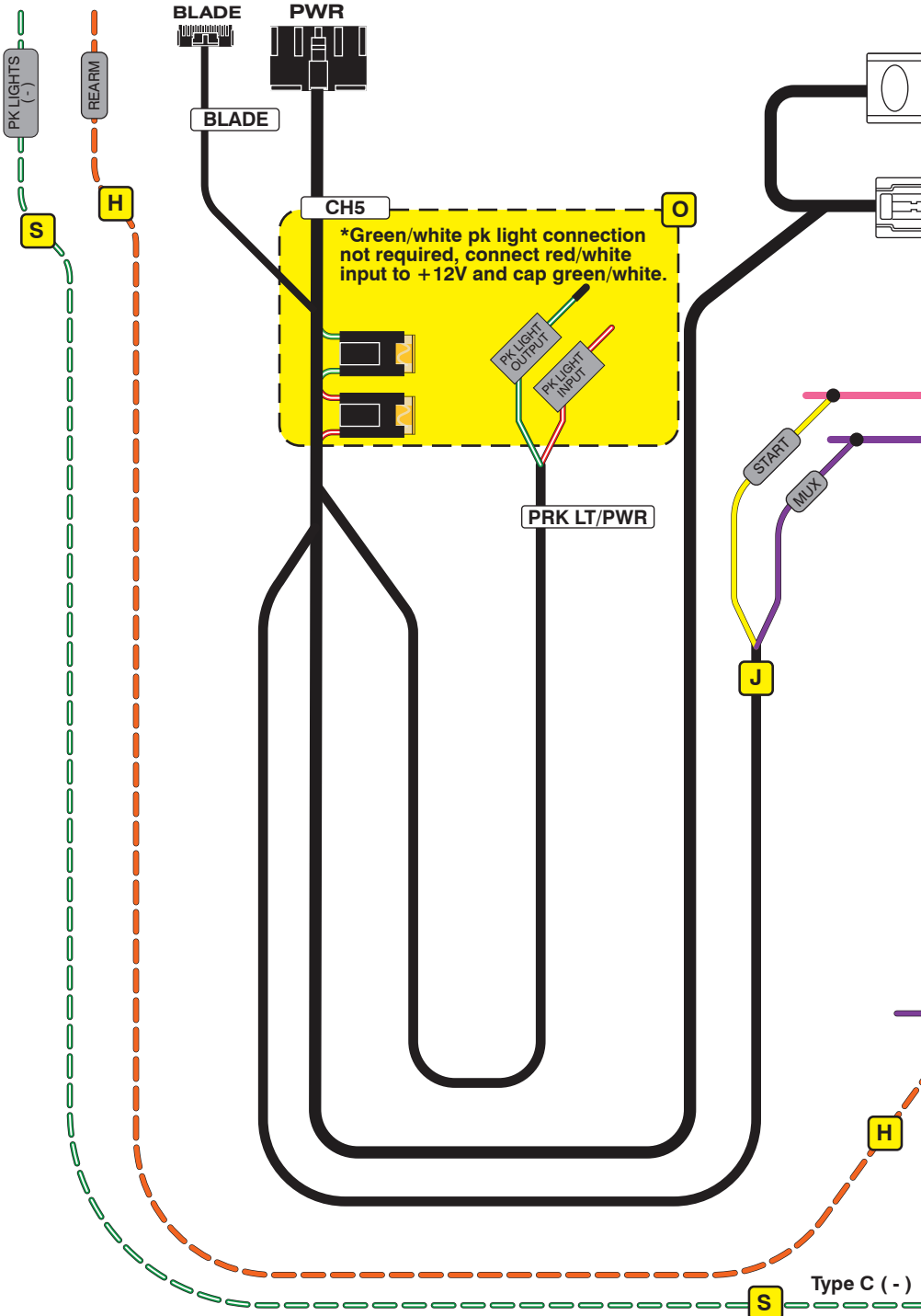
## Driver kick panel harness



## IPDM



IPDM Relay headlight connections (under hood) relay #7, pin #1



**\*Green/white pk light connection not required, connect red/white input to +12V and cap green/white.**

### 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 Error, check CAN wiring and voltages
  - 2x - Immobilizer, check wiring, press button to skip
  - 3x - Immobilizer, check wiring, contact support
  - 4x - VIN, Check CAN wiring
  - 5x - VIN invalid, contact support
  - 6x - VIN mismatch, confirm firmware and vehicle entry

**FTI-CDK1 Type 1C**

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