

FTI-CDK1: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-CH5					Park / Auto			Green White/Blue
Jeep	Grand Cherokee	2005-07	Type 3	SKREEM	C	D		

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.

This install requires 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.

Attention: The red/white +12V connection is REQUIRED for successful operation and must be made. Harness modification required for vehicles that require MUX/START connections. Cut and insulate the violet wire in pin #1 of the male SKREEM connector, as illustrated.

FTI-CDK1 - Installation and Configuration Notes

- A** +12V START and MUX connections.
- B** Green/white not used, connect red/white to +12V constant.
- C** RAP shutdown connection, configure POC for RAP (option #31).
- D** Parking light connection under the hood.



FEATURE COVERAGE													
IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE							
							DOOR STATUS	TRUNK STATUS	RAP SHUTDOWN	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT	DATA/MUX IGNITION
													PARKING LIGHTS
													DISCO BALL

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

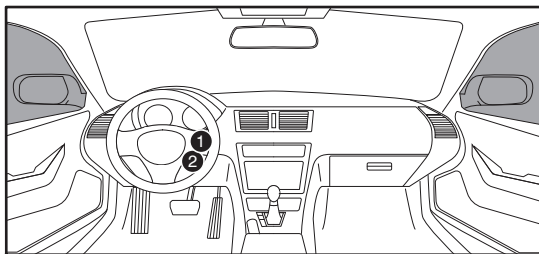
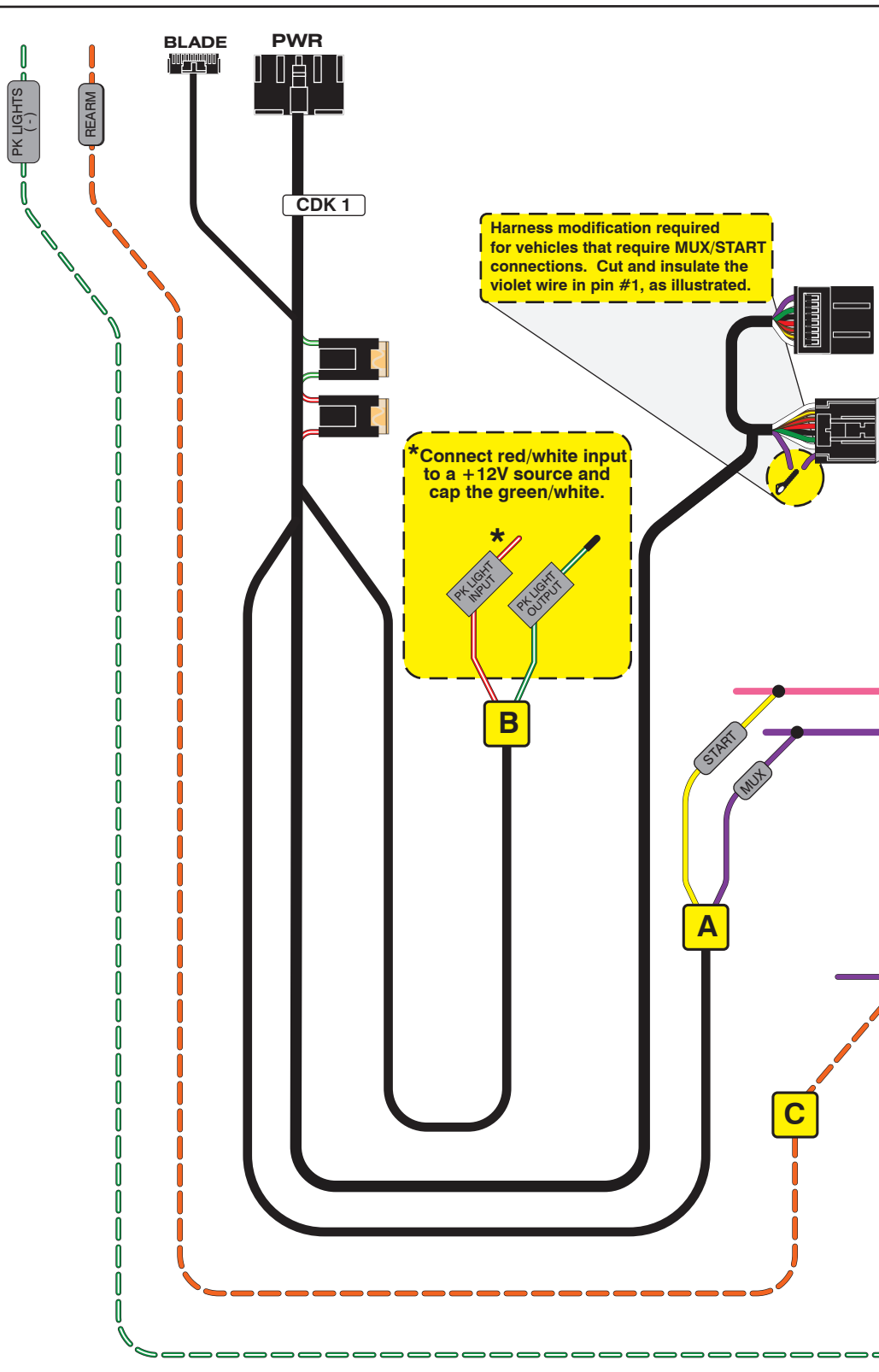
Jumper Setting			
Parking Light	Accessory	Ignition (Default)	(+)Door Trigger In (Default)
			(-)Door Trigger In (Default)
Trunk	Starter	Parking Light (Default)	Starter Ignition
			Accessory (Default)

CM7000/7200 Cut loop for A/T

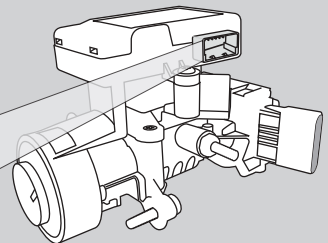
CM-900S/900AS

CM900AS/900S Jumper

START
ACC
IGN1



SKREEM Module Connector **1**



Ignition Switch Connector **2**

(Type 1 - Start & MUX connections)



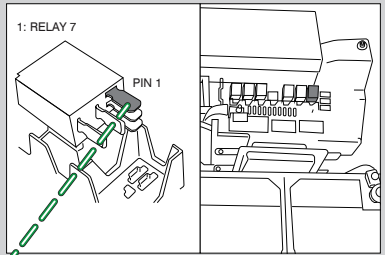
** blue*
** green*
** orange*

*pink/stripe **
purple/brown

Driver kick panel harness **3**



IPDM **4**

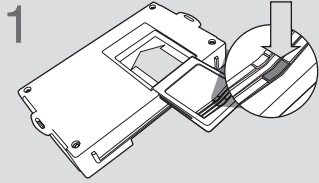


IPDM Relay headlight connections (under hood) relay #7, pin #1

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

CARTRIDGE INSTALLATION



1 Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

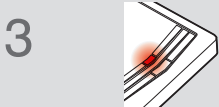
MODULE PROGRAMMING PROCEDURE



1 Insert key into ignition.



2 Turn key to ON position.



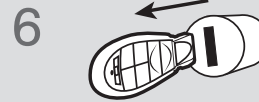
3 LED will turn solid RED.



4 Within 5 seconds, LED will flash BLUE rapidly.



5 Turn key to OFF position.

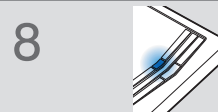


6 Remove key.



7 Press UNLOCK on the OEM remote.

If vehicle is not equipped with OEM remote, press module programming button.



8 Wait, LED will turn solid BLUE for 2 seconds.

9

Module Programming Procedure completed.