

FTI-CDK2: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	RAP	POC	I/O Changes
DL-CH4 Jeep	Grand Cherokee Tip-Start	2008-10	Type 3	WIN	Park / Auto Type D	DDM0		Green White/Blue

Firmware: Covered vehicles require **BLADE-AL(DL)-CH4** firmware, flash module and update the controller firmware before beginning the installation.

CAN: In the event that troubleshooting is necessary, CAN connections are located 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 covered vehicles is at the driver door module, located behind the driver door panel (pin #5, **purple**, in the 20-pin connector)

FTI-CDK2 - Installation and Configuration Notes

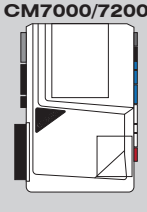
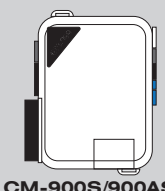
- A** RAP shutdown connection, configure POC for RAP (option #31).
- B** Low current parking light connection.
- C** Connections not required.
- D** WTS (Wait to start) for diesel applications.

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

Jumper Setting

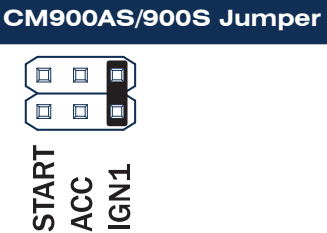
Parking Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(+)Door Trigger In	<input type="checkbox"/>
Accessory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(-)Door Trigger In	<input type="checkbox"/>
Ignition (Default)	<input type="checkbox"/>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

CM7000/7200 Cut loop for A/T

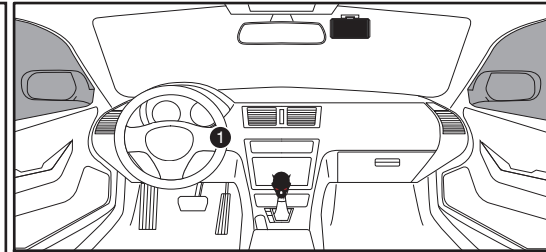
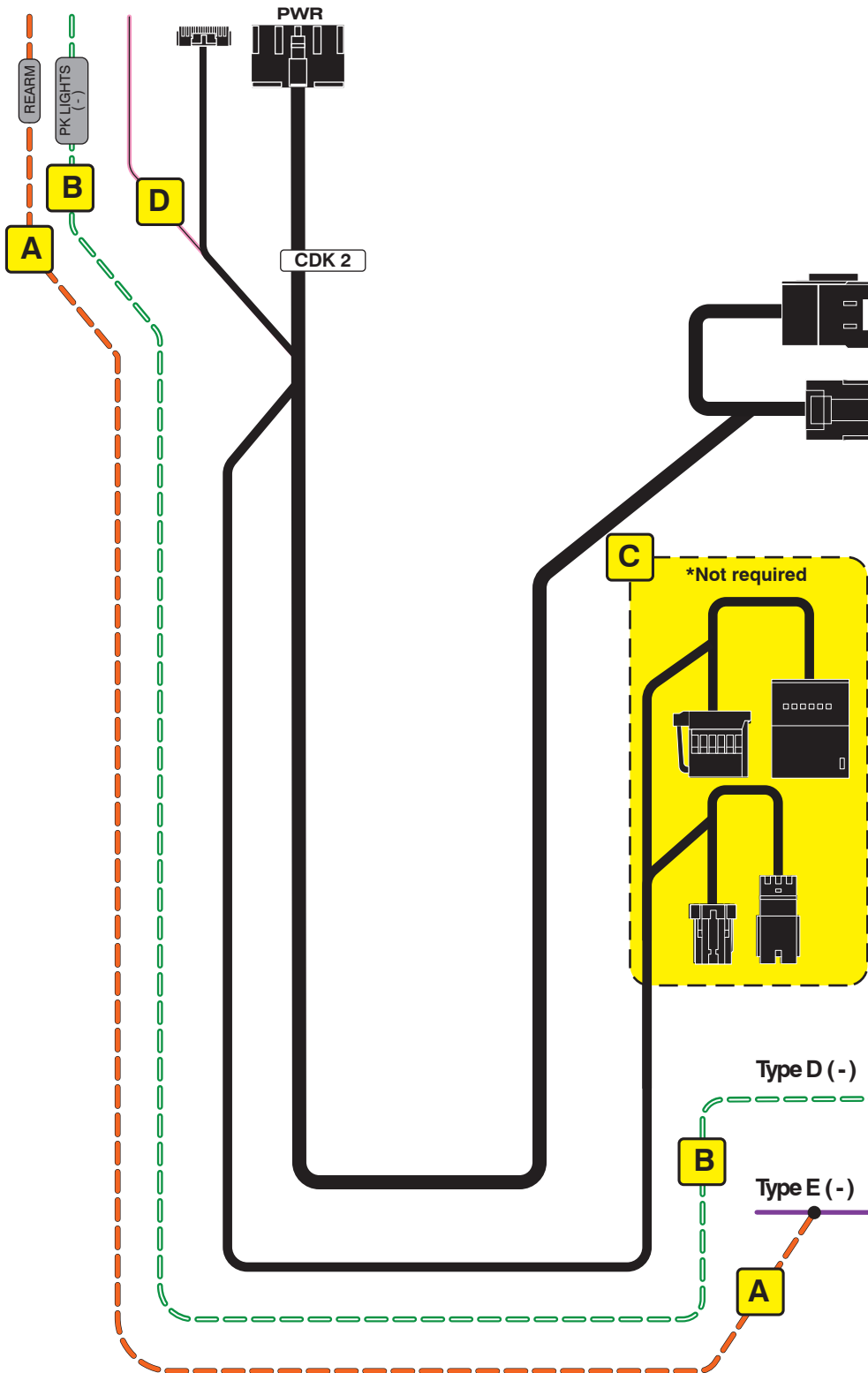



CM-900S/900AS

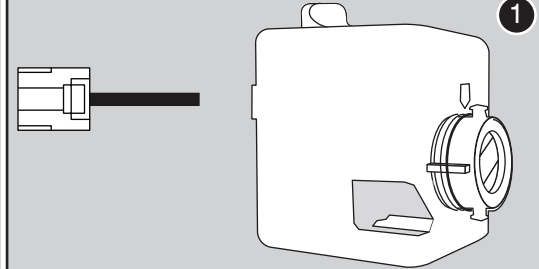
CM900AS/900S Jumper



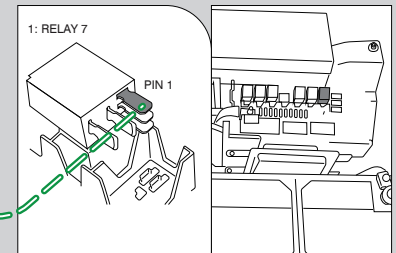

FEATURE COVERAGE												
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IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE					RAP SHUTDOWN	BRAKE STATUS
											E-BRAKE STATUS	TACH OUTPUT
											DATA/MUX IGNITION	SECURE TAKEOVER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



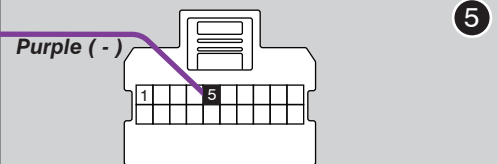
Wireless Ignition Node 1



IPDM Relay under hood 4



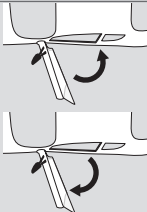
Driver door module 5


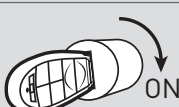
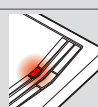
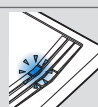
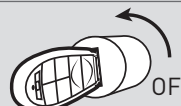




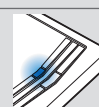
LED Programming Error Codes

- 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)

MODULE PROGRAMMING PROCEDURE

- | | | |
|----|--|---|
| 1 |  | Close driver door.

Re-open driver door to wake up data bus. |
| 2 |  | Insert key into ignition. |
| 3 |  | Turn key to ON position. |
| 4 |  | LED will turn solid RED. |
| 5 |  | Within 5 seconds, LED will flash BLUE rapidly. |
| 6 |  | Turn key to OFF position. |
| 7 |  | Remove key. |
| 8 |  | Press UNLOCK on the OEM remote.

If vehicle is not equipped with OEM remote, press module programming button. |
| 9 |  | Wait, LED will turn solid BLUE for 2 seconds. |
| 10 | | Module Programming Procedure completed. |

WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT

- All vehicle doors must be closed and locked prior to remote start sequence. Failure to comply will result in remote starter malfunction.

TAKE OVER PROCEDURE - TO THE VEHICLE OWNER

NOTE


- All vehicle doors must be closed and locked prior to remote start sequence.

 **TIME RESTRICTION COMING UP !**



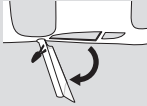



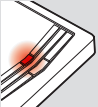
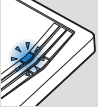
- | | | |
|---|--|--|
| 1 |  | Press UNLOCK on after-market remote. |
| 2 |  | TIME RESTRICTION
Within 45 SECONDS from previous step:

Open vehicle door.
Enter vehicle. |
| 3 |  | Insert key into ignition. |
| 4 |  | Turn key to ON position.

Wait 2 seconds for key validation. |
| 5 |  | Press and release BRAKE pedal. |
| 6 | | Take over procedure completed. |

 Failure to follow procedure within time restriction will result in vehicle engine shutdown.

MODULE PROGRAMMING PROCEDURE - PUSH TO START

- | | | | | | |
|---|---|--|---|--|--|
| 1 |  | Close driver door. | 5 |  | DO NOT PRESS BRAKE PEDAL
Push start button once [1x] to OFF position. |
| |  | Re-open driver door to wake up data bus. | 6 |  | Press UNLOCK on the OEM remote. |
| 2 |  | DO NOT PRESS BRAKE PEDAL
Push start button twice [2x] to ON position. | 7 |  | Wait, LED will turn solid BLUE for 2 seconds. |
| 3 |  | LED will turn solid RED. | 8 | | Module Programming Procedure completed. |
| 4 |  | Within 5 seconds, LED will flash BLUE rapidly. | | | |

WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT



- All vehicle doors must be closed and locked prior to remote start sequence. Failure to comply will result in remote starter malfunction.

TAKE OVER PROCEDURE - PUSH TO START - TO THE VEHICLE OWNER


NOTE

- All vehicle doors must be closed and locked prior to remote start sequence.

 TIME RESTRICTION COMING UP !

- | | | | | | |
|---|---|---|---|--|--|
| 1 |  | Press UNLOCK on after-market remote. | 3 |  | DO NOT PRESS BRAKE PEDAL
Push start button twice [2x] to ON position.

Wait 2 seconds for key validation. |
| 2 |  | TIME RESTRICTION
Within 45 SECONDS from previous step:

Open vehicle door.
Enter vehicle. | 4 |  | Press and release BRAKE pedal. |
| | | | 5 | | Take over procedure completed. |
| | | | |  | Failure to follow procedure within time restriction will result in vehicle engine shutdown. |