

FTI-CDK2: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	RAP	POC	I/O Changes
DL-CH4 Dodge	Ram 1500 Tip-Start	2009	Type 1	WIN	Park / Auto Type A	DDP		Green White/Blue

Firmware: Vehicle requires **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 vehicle WIN (Wireless Ignition Node).

Lights: Type A MUX type parking lights are populated in the supplied 6-pin headlight switch connector on the harness assembly, properly secure the unused 10-pin connector for safety

RAP: RAP shutdown handling for all other covered vehicles is at the driver door pin wire, **purple** wire located in the driver kick panel harness, circuit tests (-) negative with door open.

FTI-CDK2 - Installation and Configuration Notes

- A** RAP shutdown connection, configure POC for RAP (option #31).
- B** WTS (Wait to start) for diesel applications.
- C** Connection not required.

•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)

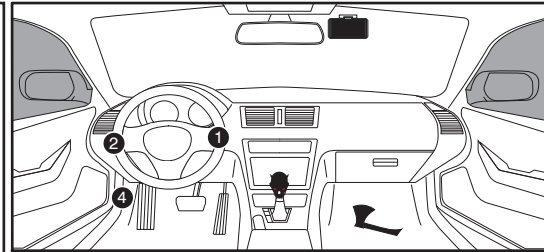
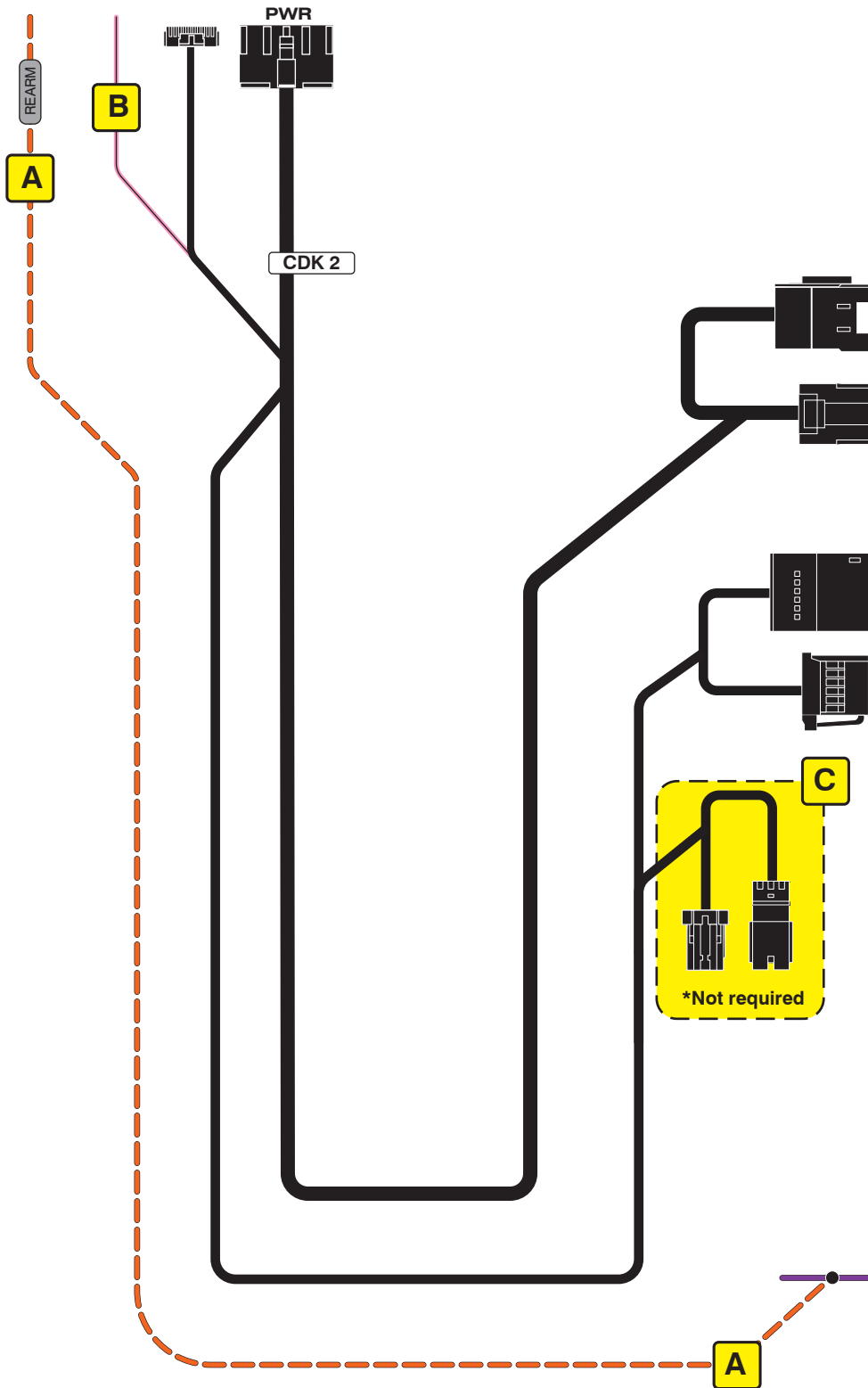
CM7000/7200 **Cut loop for A/T**

CM-900S/900AS

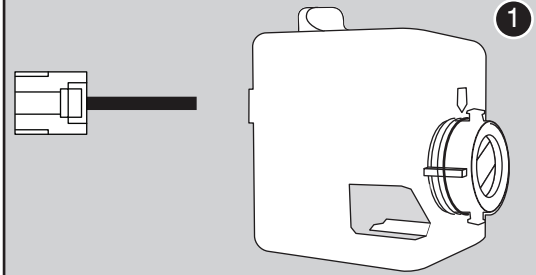
CM900AS/900S Jumper



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



Wireless Ignition Node 1



Headlight Switch 2



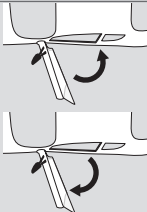
Driver kick panel harness 4


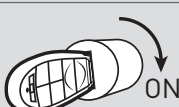
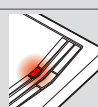
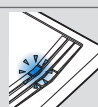
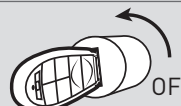


Purple (-)

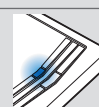
LED Programming Error Codes

- 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


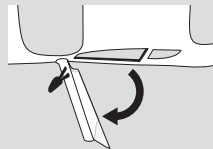
- All vehicle doors must be closed and locked prior to remote start sequence. Failure to comply will result in remote starter malfunction.

TAKE OVER PROCEDURE - TO THE VEHICLE OWNER


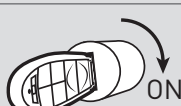
NOTE


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



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



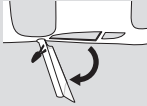



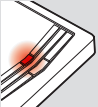
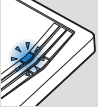
Open vehicle door.
Enter vehicle. |

- | | | |
|---|--|--|
| 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.