FTI-CDK2: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	RAP	POC	I/O Changes
DL-CH4 Dodge	Magnum Tip Start	2008-09	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				(+)Door Trigger In
Accessory				(–)Door Trigger In [Default]
Ignition [Default]				
Trunk				Starter
Starter				Ignition
Parking Light [Default]				Accessory [Default]

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

CM-900S/900AS

CM900AS/900S Jumper

START   ACC   IGN1

FEATURE COVERAGE

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			
●	●	●	●	●	●	●			●	●	●	●	●	●	●			

REARM
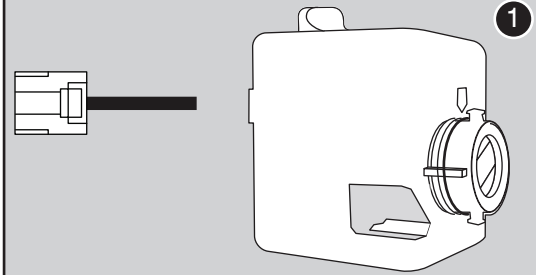
A

B

PWR

CDK 2

C

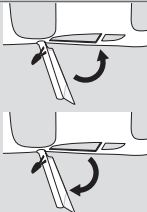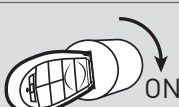*Not required
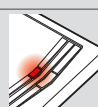
A

Wireless Ignition Node
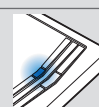
1

Headlight Switch

2

AUTO

Type A

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)

INSTALL GUIDE

BLADE
SERIES

ALL IN ONE
CHRYSLER/DODGE/JEEP

Patent No. US 8,856,780 CA 2759622

COM-BLADE-AL(DL)-CH4-EN | Doc. No.: ##70115## 20200320

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. OFF

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

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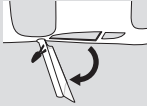
NOTE
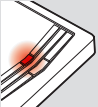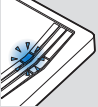
I All vehicle doors must be closed and locked prior to remote start sequence.

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. ON

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.

Patent No. US 8,856,780 CA 2759622

COM-BLADE-AL(DL)-CH4-EN   Doc. No.: ##70115##   20200320

MODULE PROGRAMMING PROCEDURE - PUSH TO START

1 Close driver door.

Re-open driver door to wake up data bus.

2 x2 DO NOT PRESS BRAKE PEDAL

Push start button twice [2x] to ON position.

3 LED will turn solid RED.

4 Within 5 seconds, LED will flash BLUE rapidly.

5 x1 DO NOT PRESS BRAKE PEDAL

Push start button once [1x] to OFF position.

6 Press UNLOCK on the OEM remote.

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

8 Module Programming Procedure completed.

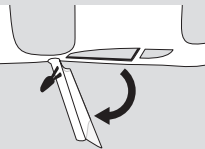## WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

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