FTI-CDK2: Vehicle Coverage and Preparation Notes

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

Make	Model	Year	Install	CAN	Lights	RAP	POC	I/O Changes
DL-CH4 RAM	2500 Tip-Start	2010-12	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			DOOR STATUS		RAP SHUTDOWN	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT	DATA/MUX IGNITION	SECURE TAKEOVER	PARKING LIGHTS			
●	●	●	●	●	●			●		●	●	●	●	●	●	●			

REARM

A

B

PWR
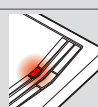
CDK 2

C

*Not required

A

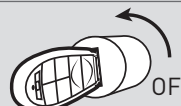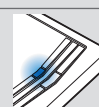**Wireless Ignition Node** ❶

Headlight Switch ❷

Type A

AUTO
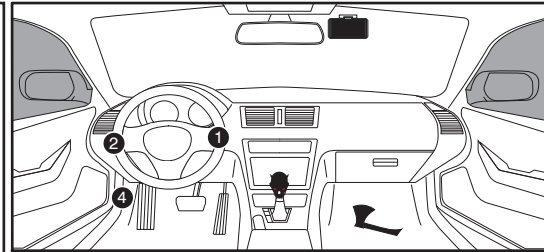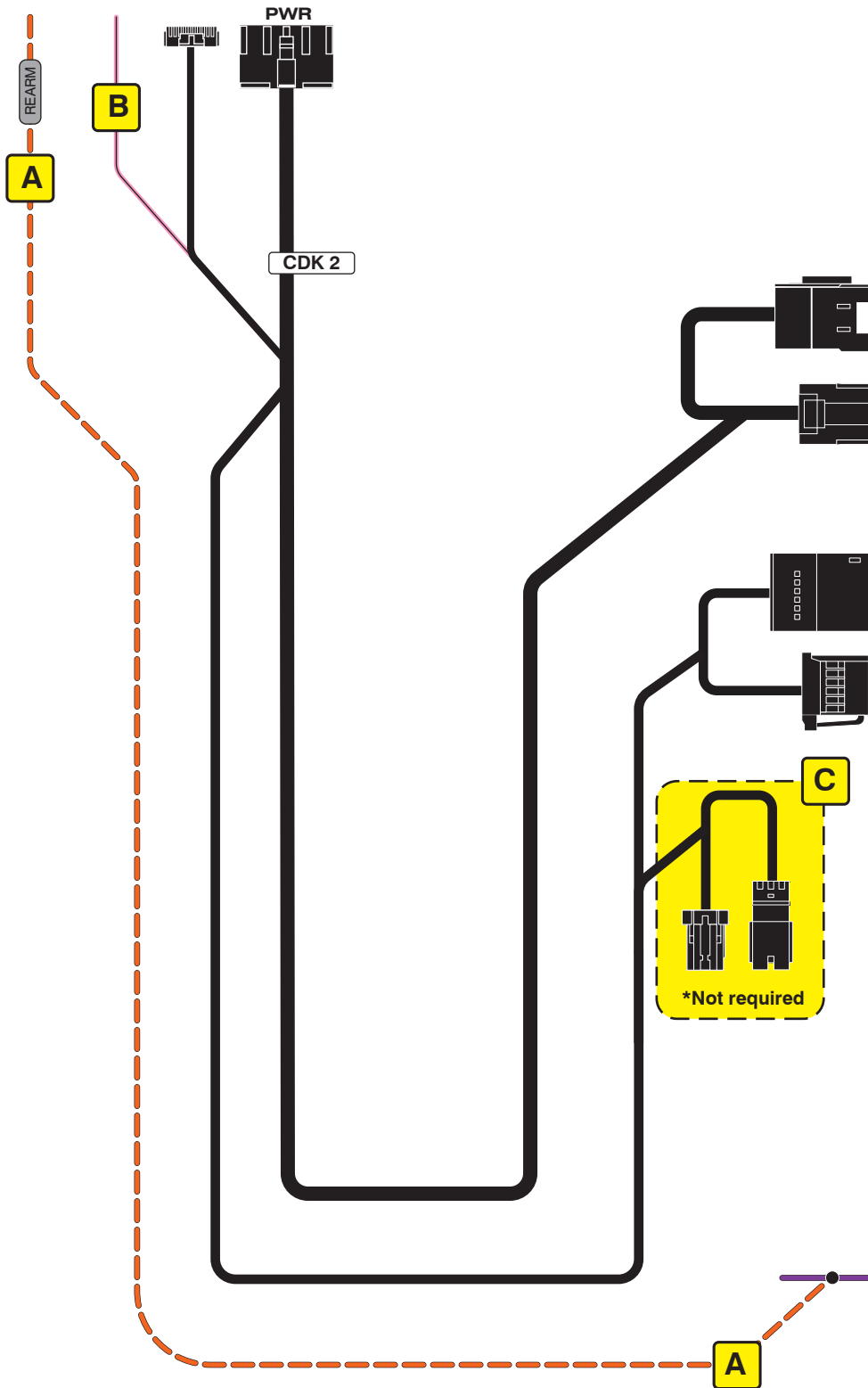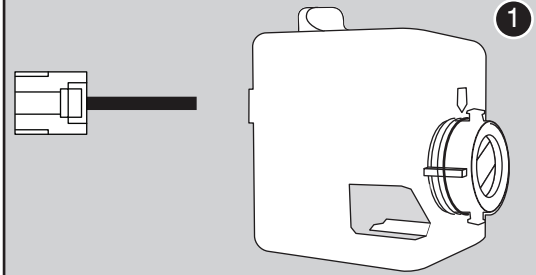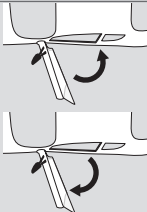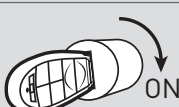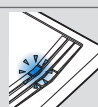
Driver kick panel harness ❹

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	OFF	Turn key to OFF position.
7		Remove key.
8	UNLOCK	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.

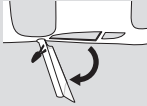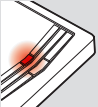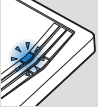## TAKE OVER PROCEDURE - TO THE VEHICLE OWNER

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	ON	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.

INSTALL GUIDE

BLADE
S E R I E S

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 - PUSH TO START

1 Close driver door.

Re-open driver door to wake up data bus.

2 ×2 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 ×1 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

IMPORTANT

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

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4 Press and release BRAKE pedal.

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