FTI-CDP1: Vehicle Coverage and Preparation Notes

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

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12 Jeep	Renegade PTS	2018-22	Type 3C	BCM	**Park / Auto** Type H	PINK	BCM	**Green White/Blue** N/A

FIRMWARE:
This installation requires BLADE-AL(DL)-CH12, flash module and update the controller firmware before installing.

INSTALLATION:
Type 3C vehicles use the included CAN extension to source CAN data from BCM connector C8 (CANH, pin #52, lt. green, CANL, pin #53, brown) by direct connection.

LIGHTS:
Type H parking lights require a controller POC be configured for either Hazard1 (POC option #30 (momentary) or Hazard2 (POC option #23 (latching) and connected to the lt. green/red wire, located at BCM connector C8, pin #59. The harness 6 & 10-pin connectors are not used. Please ensure that they are properly secured for safety.

IGNITION:
Type 3 ignition is available at the power steering module connector (black 10-pin connector, pin #1, orange/white), located under the steering wheel.

RAP:
Retained accessory power is handled by harness provision (orange/white), and is connected to the driver door pin circuit at the BCM (connector C6, pin #7, white/purple).

FTI-CDP1 - Installation and Configuration Notes

A REQUIRED CONNECTION (CAN extension cable)

B NOT REQUIRED

C NO CONNECTION

D REQUIRED CONNECTION (IGN)

E REQUIRED CONNECTION (DDP RAP)

F CONNECTION REQUIRED (See lights note above)

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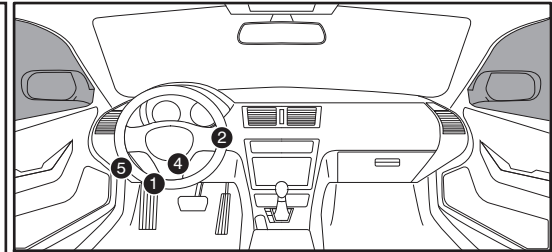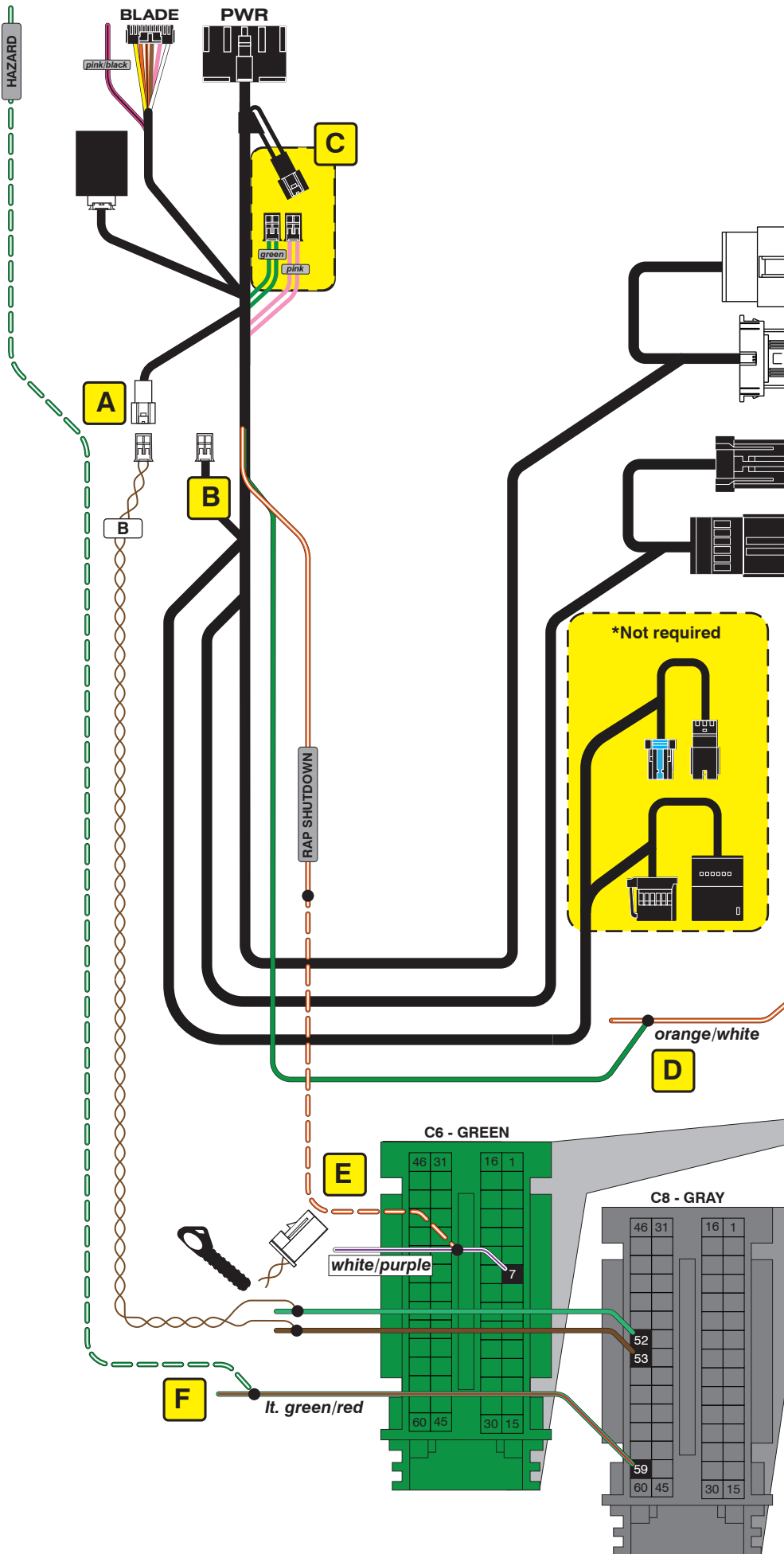
Jumper Setting

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	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	PRIORITY UNLOCK	TRUNK/HATCH RELEASE	POWER LIFTGATE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	SECURE TAKEOVER	DOOR STATUS	TRUNK STATUS	HOOD STATUS	E-BRAKE STATUS	TACH OUTPUT	BRAKE STATUS	GLOW PLUG STATUS	PARKING LIGHTS	HAZARD LIGHTS	A/M CONTROL
●	●	●	●	●	●					●	●	●	●	●	●	●			●	●

HAZARD

BLADE

PWR

pink/black

C

green

pink

A

B

B

RAP SHUTDOWN

*Not required

OBD-II connector ①

PTS Button ②

ENGINE
START
STOP

Headlight switch ③

AUTO

Power Steering Module ④

C2 - Under steering wheel

| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |

BCM ⑤

(FRONT VIEW)   (REAR VIEW)

orange/white

D

C6 - GREEN

| 46 | 31 | | 16 | 1 |

E

white/purple

7

C8 - GRAY

| 46 | 31 | | 16 | 1 |

52
53

| 60 | 45 | | 30 | 15 |

59

| 60 | 45 | | 30 | 15 |

F

lt. green/red

LED Programming Error Codes
Module LED flashing RED during programming
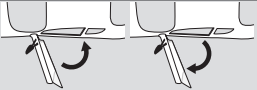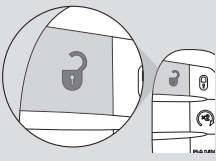
1x - CAN Error
2x - Key code not learned
3x - No IGNITION
4x - No immobilizer, check CAN/key
5x - VIN error, check CAN wiring
6x - See 4x error
7x - KLON error
8x - No IGNITION, check connection

INSTALL GUIDE

BLADE
SERIES

ALL IN ONE
CHRYSLER/FIAT/JEEP

Patent No. US 8,856,780 CA 2759622

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## MODULE PROGRAMMING PROCEDURE - PTS

NOTE

I   IMPORTANT: The hood must be closed.

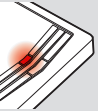**1** Close driver door.
Re-open driver door to wake up data bus.

2 Press UNLOCK on OEM remote.

(If the vehicle is not equipped with an OEM remote, press on the module programming button.)

3 Wait, LED will flash BLUE once [1x]. If LED does not flash GREEN, repeat step 2.

4 OFF ACC ON START
Set ignition to ON position.

5 Wait, if LED turns solid RED proceed to step 6.
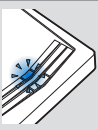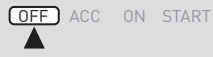If LED flashes BLUE rapidly, proceed to step 10.

6 OFF ACC ON START
Set ignition to OFF position.

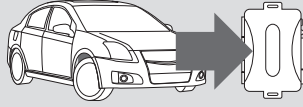**7** Repeat steps 4 to 6, eight times [8x].

8 OFF ACC ON START
Set ignition to ON position.
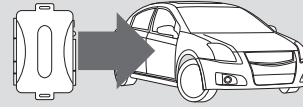
9 Wait, LED will flash BLUE rapidly.

10 OFF ACC ON START
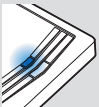Set ignition to OFF position.

11 WARNING:
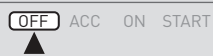Disconnect power last.
Disconnect module from vehicle.

12 Connect module to computer and proceed with extended programming.

13 WARNING: Do not press module programming button.
Connect power first.
Connect module to vehicle.

14 OFF ACC ON START
Set ignition to ON position.

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

16 OFF ACC ON START
Set ignition to OFF position.

17 Module Programming Procedure completed.

INSTALL GUIDE

BLADE SERIES

ALL IN ONE
CHRYSLER/FIAT/JEEP

Patent No. US 8,856,780 CA 2759622

COM-BLADE-AL(DL)-CH12-EN

Doc. No.: ##72849##   20201120

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 - PTS - TO THE VEHICLE OWNER

NOTE

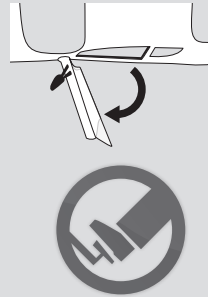I   All vehicle doors must be closed and locked prior to remote start sequence.

TIME RESTRICTION COMING UP !

1   Unlock vehicle door using OEM or after-market remote, or door request switch.

2   **TIME RESTRICTION**
Within 45 SECONDS from previous step:

Open vehicle door.
Enter vehicle.
Close vehicle door.

Press and release BRAKE pedal.

3   Take over procedure completed.

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