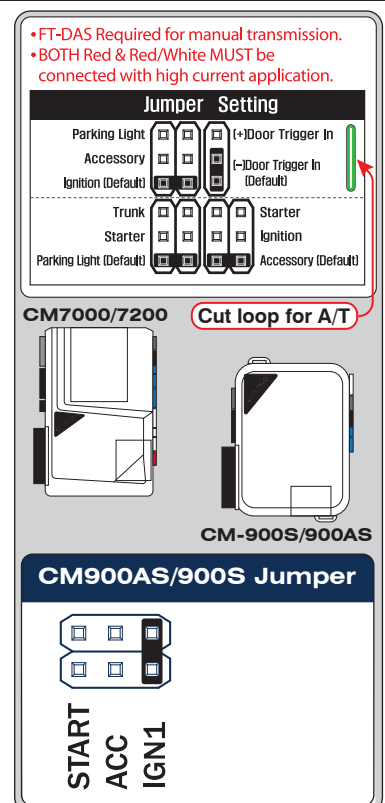# FTI-CDP1: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12 Chrysler	200 PTS	2015-17	Type 1A	OBD-II	**Park / Auto** Type B2	PINK	NO	**Green White/Blue** N/A

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

INSTALLATION:
Type 1A vehicles use CAN connections in harness at OBD-II connector, the included CAN extension is not required for this install type.

LIGHTS:
Type B2 parking lights use the 10-pin connector, but require additional circuit manipulation at the BLADE connector, redirecting the yellow (MUX) output to a 500 Ohm resistor and the controller green/white (-) parking light output.

IGNITION:
Ignition is available at junction connector located above the driver kick panel, attached to the firewall, vehicle wire is located at pin #19, pink/lt. green, of the 59-pin connector.

FTI-CDP1 - Installation and Configuration Notes

A REQUIRED CONNECTION (OBD-II CAN)

B NOT REQUIRED (CAN extension)

C NO CONNECTION

D REQUIRED CONNECTION (IGN)

E MODIFICATION 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

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E

BLADE

PWR

PK LIGHTS (-)

pink/black

500 Ohm

C

green

pink

B

Not required

B

A

RAP SHUTDOWN

Not required

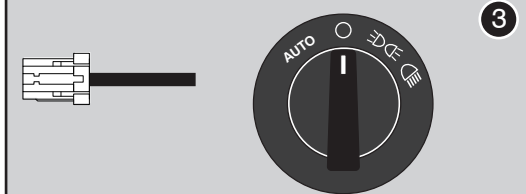**D**

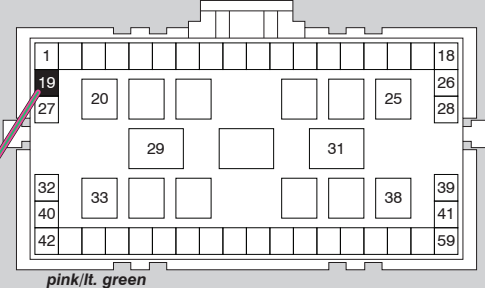## OBD-II connector ①

PTS Button ②

ENGINE START STOP

Headlight switch ③

AUTO

Driver kick panel/firewall junction connector ④

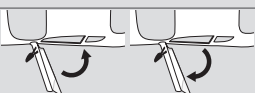Junction connector, above driver kick panel, attached to firewall

1					18
19					26
27	20			25	28
		29		31	
32	33			38	39
40					41
42					59

pink/lt. green

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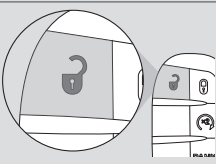
1x - CAN Error
2x - Key code not learned
3x - No IGNITION
4x - No immobilizer, check CAN/key
5x - VIN error, check CAN wiring
6x - See 4x error
7x - KLON error
8x - No IGNITION, check connection

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
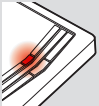
I   IMPORTANT: The hood must be closed.

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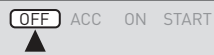Re-open driver door to wake up data bus.

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.
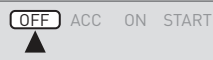If LED flashes BLUE rapidly, proceed to step 10.

6   **OFF**   ACC   ON   START   Set ignition to OFF position.

7   Repeat steps 4 to 6, eight times [8x].
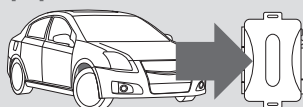
8   OFF   ACC   **ON**   START   Set ignition to ON position.

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.

KLON

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

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

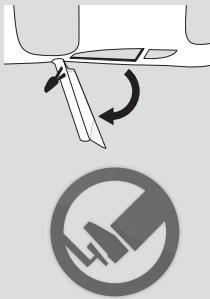I   All vehicle doors must be closed and locked prior to remote start sequence.

⬇ **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.

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