

| Make | Model | Year | Install | CAN | Lights | IGN | RAP | I/O Changes |
|-----------------|--------------|---------|---------|--------|-----------------------|------|-----|-------------------------|
| DL-CH12 Jeep | Renegade PTS | 2015-17 | Type 3B | OBD-II | 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 3B vehicles use CAN connections in harness at the OBD-II connector. The included CAN extension cable is not required for this install type.

LIGHTS:

Type H parking lights require a controller POC be configured for Hazard control (POC option #30) and connected to the vehicle hazard circuit at the BCM (connector C8, pin #59, lt.green/red). The harness 6 & 10-pin connectors are not used.

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 (OBD-II CAN)
- B** NOT REQUIRED (CAN extension)
- C** NO CONNECTION
- D** REQUIRED CONNECTION (IGN)
- E** REQUIRED CONNECTION (DDP RAP)
- F** CONNECTION REQUIRED (See lights note above)



| 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 |

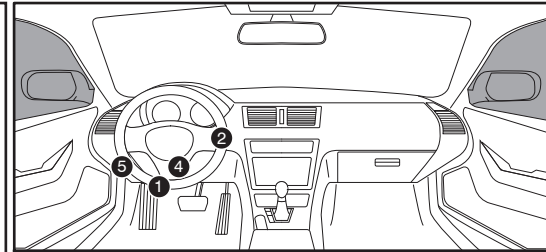
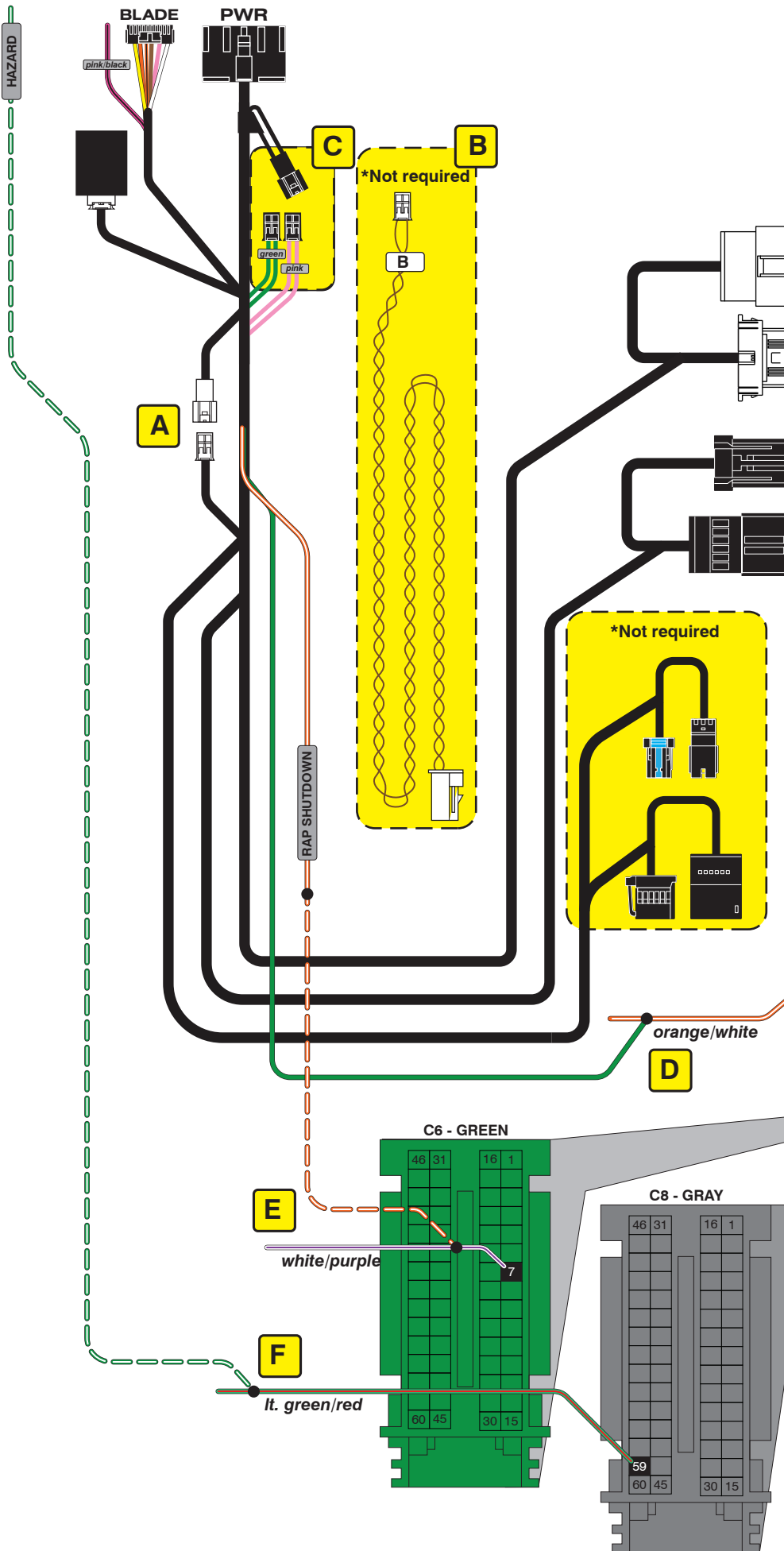
•FT-DAS Required for manual transmission.
•BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

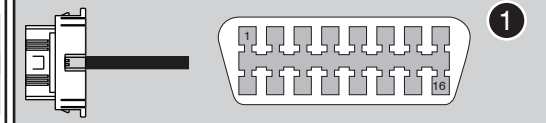
CM7000/7200 Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper



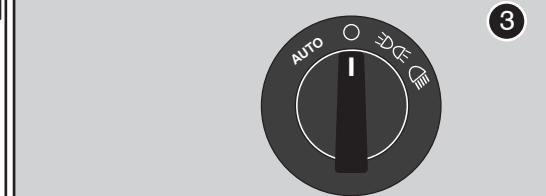
OBD-II connector



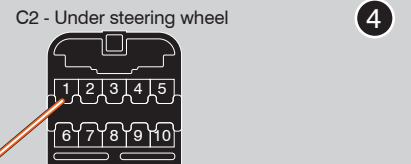
PTS Button



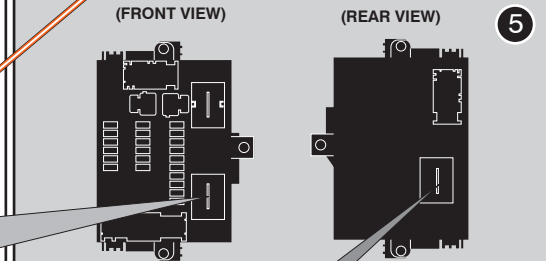
Headlight switch



Power Steering Module



BCM



LED Programming Error Codes

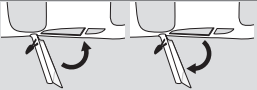
Module LED flashing RED during programming

- 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

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.

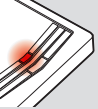
2  Press UNLOCK on OEM remote.


(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  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  Set ignition to OFF position.

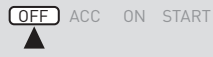


7  Repeat steps 4 to 6, eight times [8x].

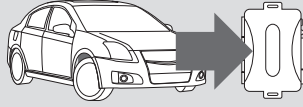
8  Set ignition to ON position.




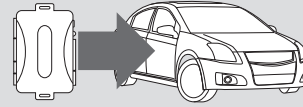
9  Wait, LED will flash BLUE rapidly.


10  Set ignition to OFF position.



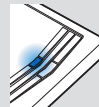
11  **WARNING:**
Disconnect power last.
Disconnect module from vehicle.

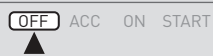
12  Connect module to computer and proceed with extended programming.

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

14  Set ignition to ON position.



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

16  Set ignition to OFF position.



17 **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 - PTS - TO THE VEHICLE OWNER

NOTE

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



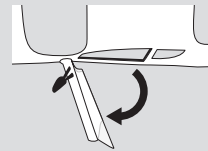
TIME RESTRICTION COMING UP !

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.