

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12					Park / Auto			Green White/Blue
Jeep	Wrangler Hybrid PTS	2021-24	Type 7	CJB	H	PINK	NO	N/A

FIRMWARE:

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

INSTALLATION:

Type 7 vehicles use the included CAN extension cable to source CAN data from the Green CAN junction block, located behind the glove box

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 white/blue wire, located at the climate control panel, black 12-pin connector, pin #7. The harness 6 & 10-pin connectors are not used, secure for safety.

IGNITION:

Type 7 ignition is available at the security gateway module connector, behind driver side speaker, connector C-1 (black 12-pin, pin #7, pink/green).

FTI-CDP1 - Installation and Configuration Notes

- A** REQUIRED CONNECTION (CAN extension cable)
- B** NO CONNECTION
- C** NOT REQUIRED (OBD CAN)
- D** REQUIRED CONNECTION (IGN)
- E** REQUIRED CONNECTION (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.

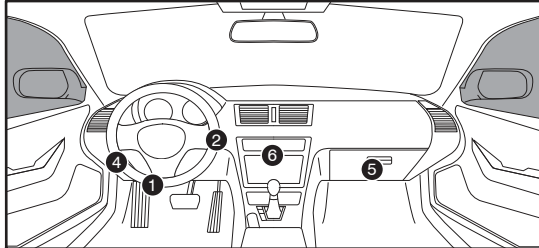
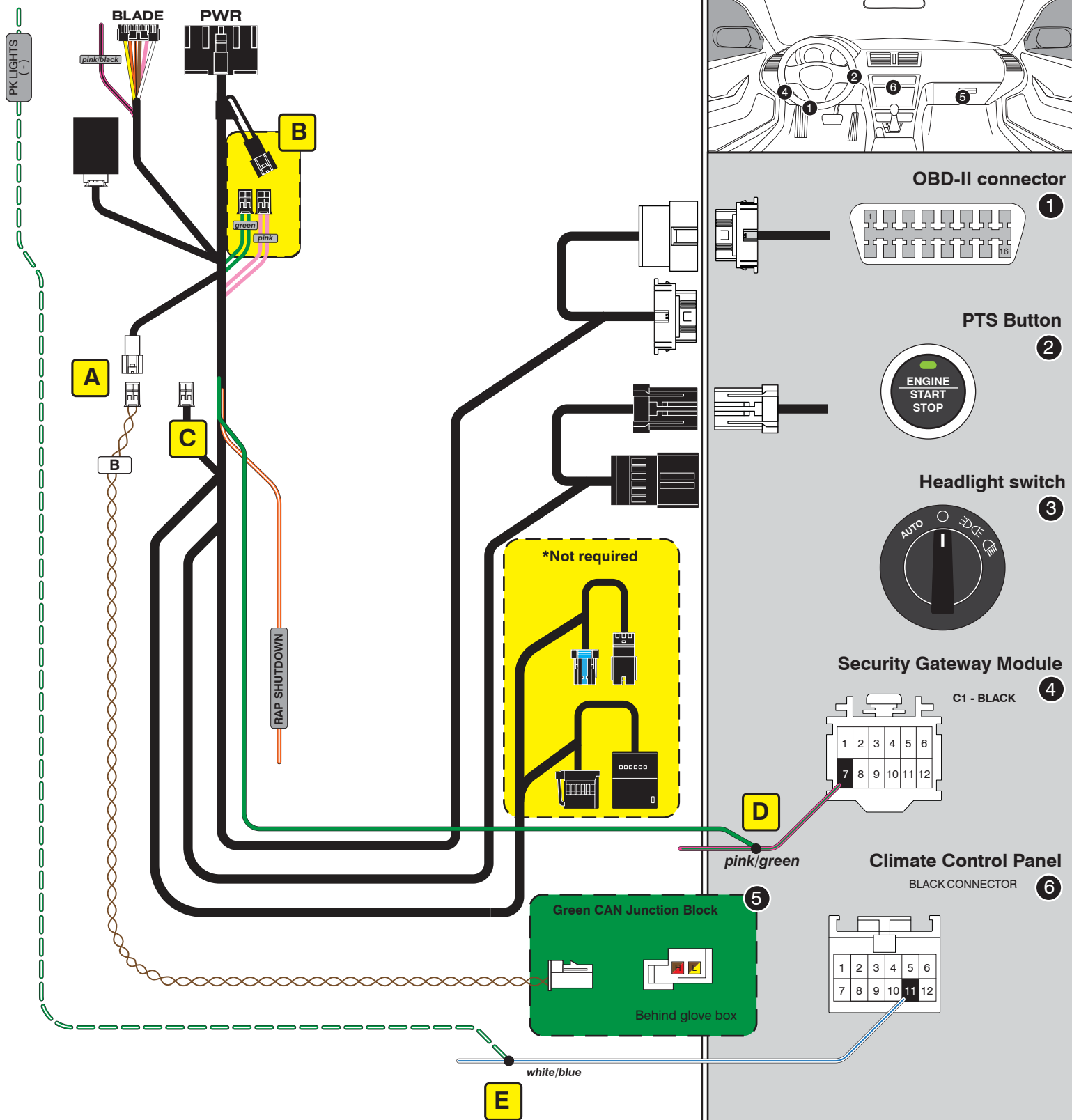
Jumper Setting

Parking Light Accessory (Default)	Ignition (Default)	Trunk Starter	Parking Light (Default)	(+)Door Trigger In (Default)	(-)Door Trigger In (Default)	Starter Ignition	Accessory (Default)
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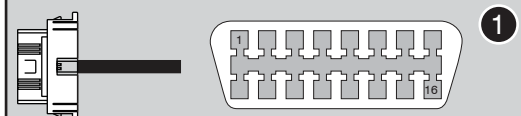
CM7000/7200 Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper



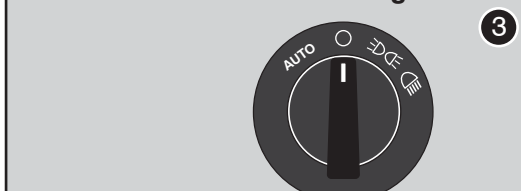
OBD-II connector



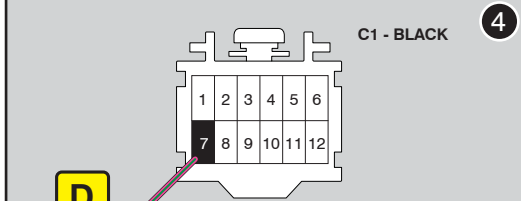
PTS Button



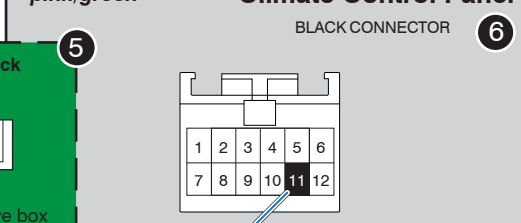
Headlight switch



Security Gateway Module



Climate Control Panel




LED Programming Error Codes

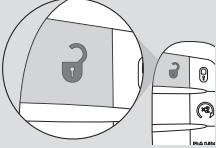
- Module LED flashing RED during programming
- 1x - CAN Error
 - 2x - Key code not learned
 - 3x - No IGNITION
 - 4x - No immobilizer, check CAN/key
 - 5x - VIN error, check CAN wiring
 - 6x - See 4x error
 - 7x - KLON error
 - 8x - No IGNITION, check connection

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.

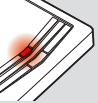
2  Press UNLOCK on OEM remote.


(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.

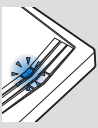
6  Set ignition to OFF position.




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

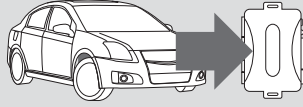
8  Set ignition to ON position.



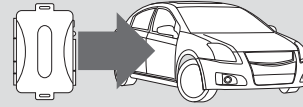
9  Wait, LED will flash BLUE rapidly.


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.



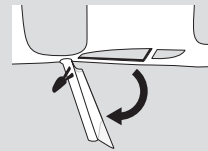
TIME RESTRICTION COMING UP !

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.