

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12 Jeep	Cherokee PTS	2019-21	Type 6	BCM	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 6 CAN connections utilize the optional CAN extension cable to source data from the vehicle BCM, connector C4 (CANL, pin #37, yellow, CANH, pin #38, brown)

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:

Type 6 ignition is at BCM connector C4 (60-pin connector, pin #3, brown). Caution, proper identification of circuits is crucial, there are two (2) brown wires in the same connector used for this install.



FTI-CDP1 - Installation and Configuration Notes

- A** REQUIRED CONNECTION (CAN extension cable)
- B** NOT REQUIRED (OBD-CAN)
- C** REQUIRED CONFIGURATION (PINK)
- D** REQUIRED CONNECTION (IGN)
- E** CAUTION: CONFIRM CIRCUIT POSITION (2 brown wires)
- F** 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 Accessory	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

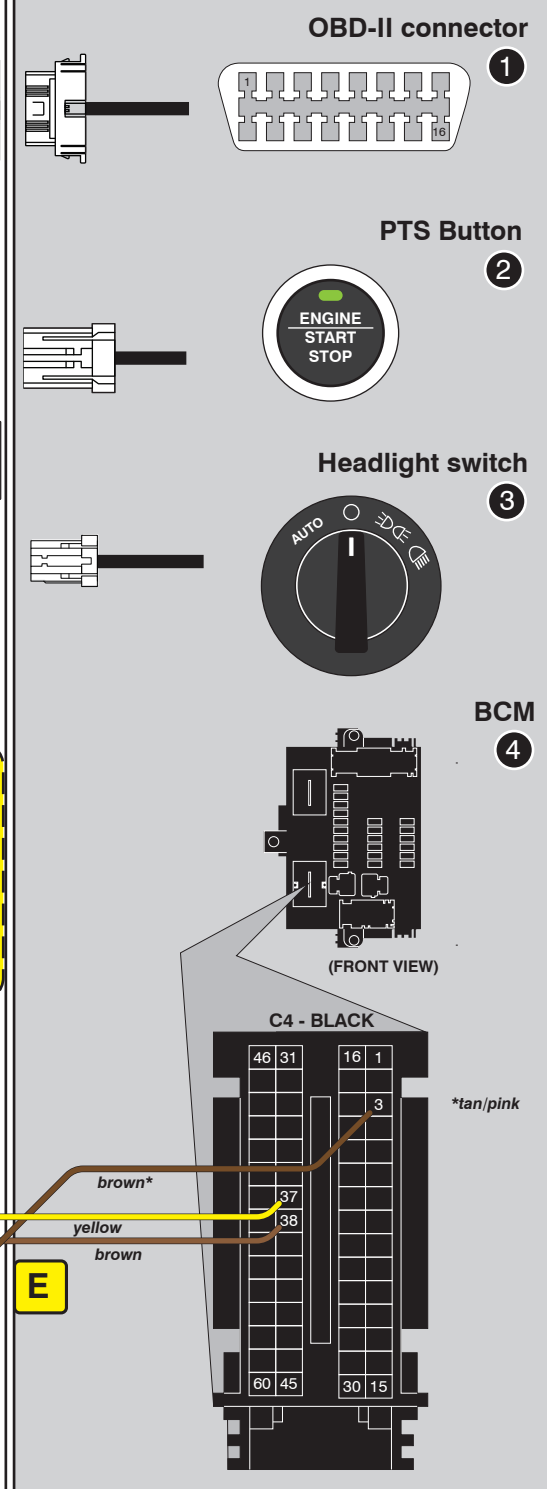
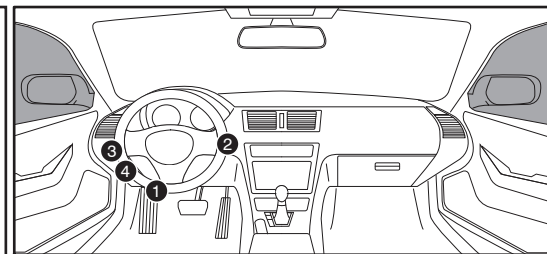
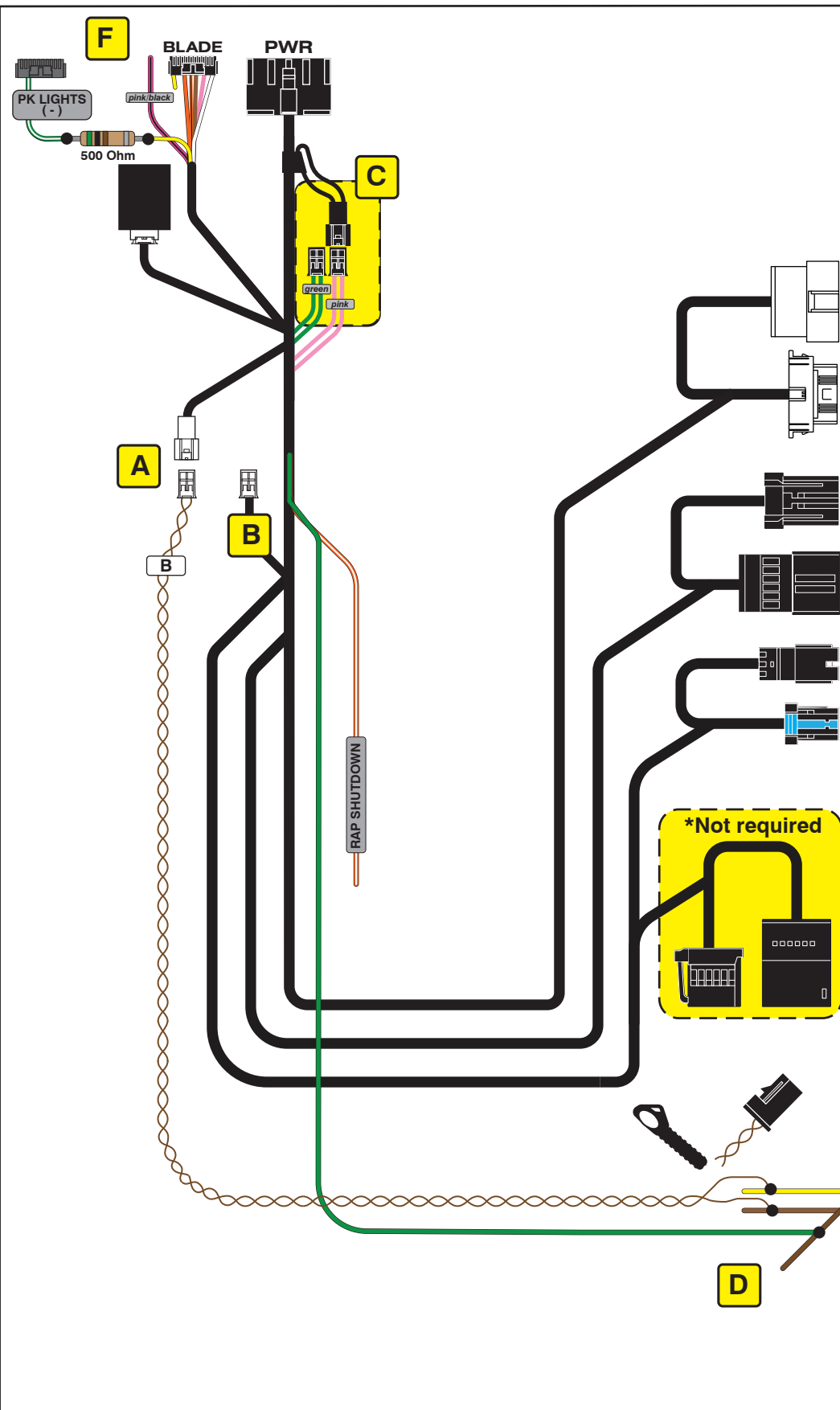
CM-900S/900AS

CM900AS/900S Jumper

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

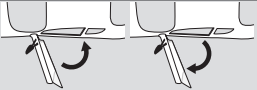


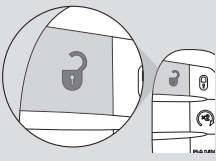
- LED Programming Error Codes**
Module LED flashing RED during programming
- 1x - CAN Error
 - 2x - Key code not learned
 - 3x - No IGNITION
 - 4x - No immobilizer, check CAN/key
 - 5x - VIN error, check CAN wiring
 - 6x - See 4x error
 - 7x - KLON error
 - 8x - No IGNITION, check connection

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.

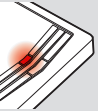
2  Press UNLOCK on OEM remote.


(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.

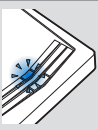
6  Set ignition to OFF position.

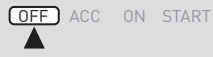


7  Repeat steps 4 to 6, eight times [8x].

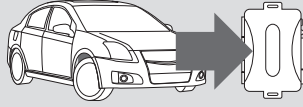
8  Set ignition to ON position.




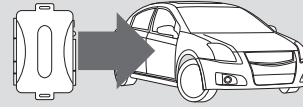
9  Wait, LED will flash BLUE rapidly.


10  Set ignition to OFF position.



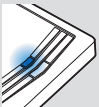
11  **WARNING:**
Disconnect power last.
Disconnect module from vehicle.

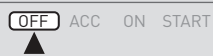
12  Connect module to computer and proceed with extended programming.

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.



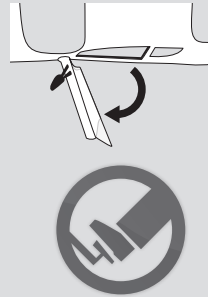
TIME RESTRICTION COMING UP !

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.