

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12 Jeep	Cherokee TIP Start	2014-18	Type 5	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 5 vehicles use CAN connections in harness at OBD-II connector, the CAN extension cable is not required .

### IGNITION:

Type 5 ignition is available at the Trailer Pack Connector (black, 13-pin connector, pin #8, pink), located to the left of the steering column.

## FTI-CDP1 - Installation and Configuration Notes

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

•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**

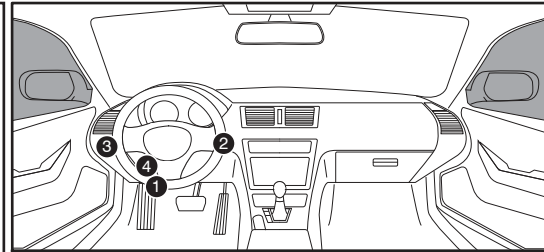
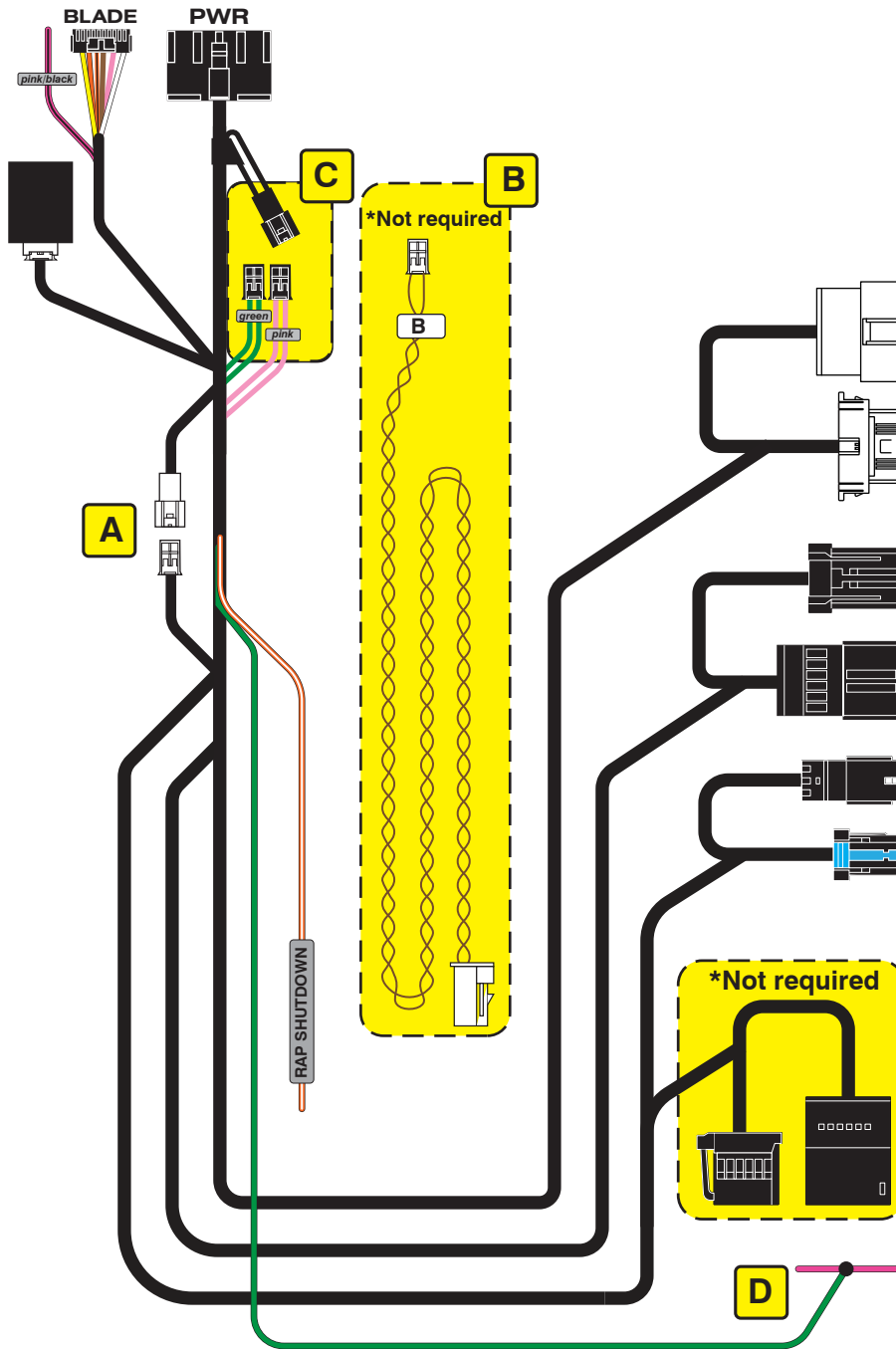
**CM900S/900AS**

**CM900AS/900S Jumper**

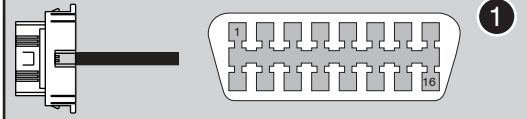
START  
ACC  
IGN1



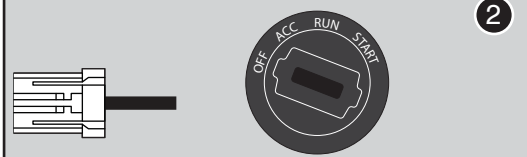
FEATURE COVERAGE																				
IMMOBILIZER DATA	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	PRIORITY UNLOCK	TRUNK/HATCH RELEASE	POWER LIFTGATE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	SECURE TAKEOVER	DOOR STATUS	TRUNK STATUS	HOOD STATUS	E-BRAKE STATUS	TACH OUTPUT	BRAKE STATUS	GLOW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



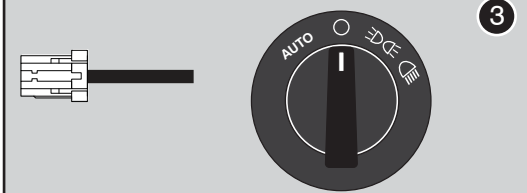
**OBD-II connector**



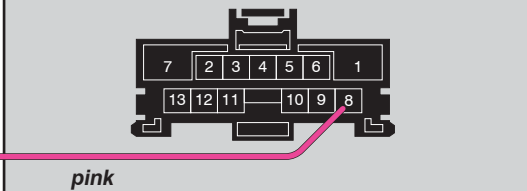
**TIP Start Cylinder**



**Headlight switch**



**Trailer Pack Connector**  
(left of steering column)



**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

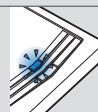
## MODULE PROGRAMMING PROCEDURE - TIP-START

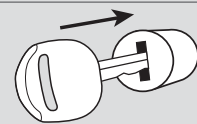
### NOTE

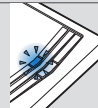
I **IMPORTANT:** The hood must be closed.

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

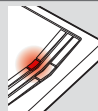
2  Press UNLOCK on OEM remote.

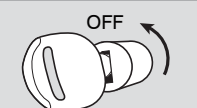
3  Wait, LED will flash BLUE once [1x]. If LED does not flash BLUE, repeat step 2.

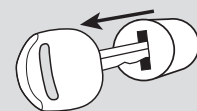
4  Insert key into ignition.


5  Wait, LED will flash BLUE twice [2x].

6  Turn key to ON position.

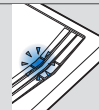
7  Wait, LED will turn solid RED.  
If LED flashes BLUE rapidly, proceed to step 13.

8  Turn key to OFF position.

9  Remove key.

10  Repeat steps 4 to 9, eight times [8x].

11  Turn key to ON position.

12  Wait, LED will flash BLUE rapidly.

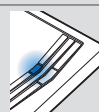
13  Turn key to OFF position.

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

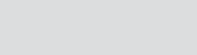
15  Connect module to computer and proceed with extended programming.

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

17  Turn key to ON position.

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

19  Turn key to OFF position.

20  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 - TIP-START - TO THE VEHICLE OWNER

### NOTE

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



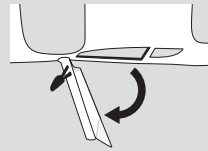
**TIME RESTRICTION COMING UP !**

1



Press UNLOCK on after-market remote.

2



### TIME RESTRICTION

Within 45 SECONDS from previous step:

- Open vehicle door.
- Enter vehicle.
- Close vehicle door.
- Insert key into ignition.
- Turn key to ON position.
- Press and release BRAKE pedal.

3

Take over procedure completed.



Failure to follow procedure within time restriction will result in vehicle engine shutdown.