

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12 Jeep	Cherokee TIP Start	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)

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** NO CONNECTION
- D** REQUIRED CONNECTION (IGN)
- E** CAUTION: CONFIRM CIRCUIT POSITION (2 brown wires)

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

Jumper Setting

Parking Light	Accessory	Ignition (Default)	(+)Door Trigger In (Default)	(-)Door Trigger In (Default)	Trunk	Starter	Ignition	Accessory (Default)
Parking Light (Default)								

CM7000/7200 **Cut loop for A/T**

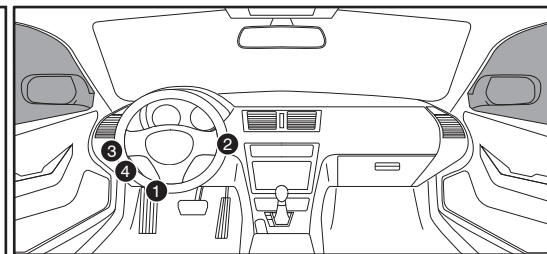
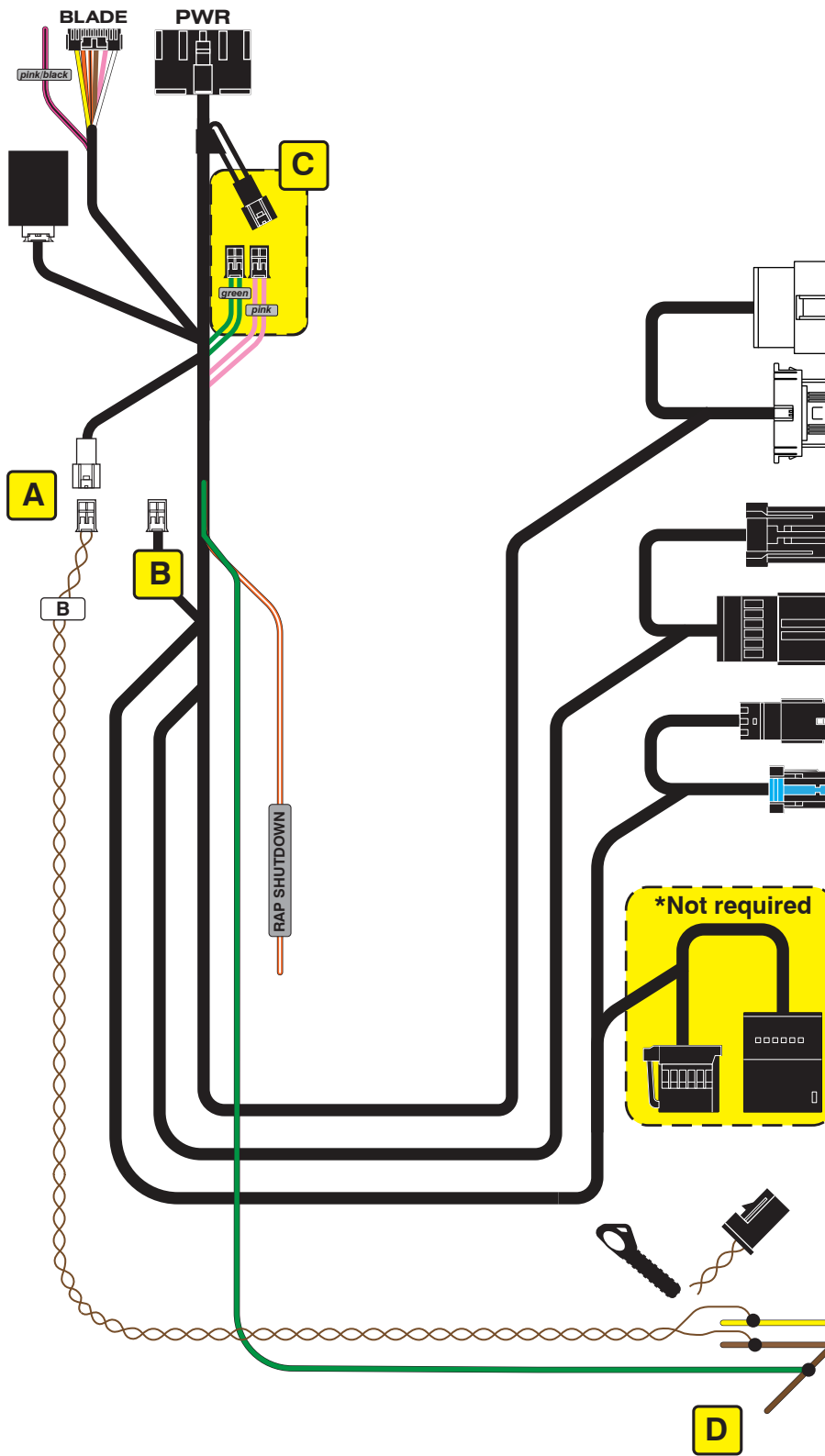
CM-900S/900AS

CM900AS/900S Jumper

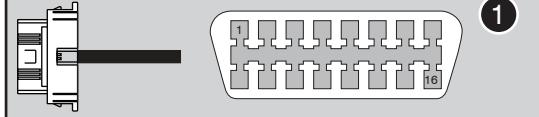
START
ACC
IGN1



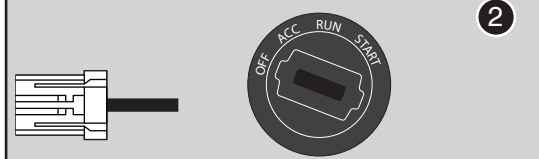
FEATURE COVERAGE	
IMMOBILIZER DATA	○
ARM OEM ALARM	○
DISARM OEM ALARM	○
DOOR LOCK	○
DOOR UNLOCK	○
PRIORITY UNLOCK	○
TRUNK/HATCH RELEASE	○
POWER LIFTGATE	○
POWER SLIDING DOOR (L)	○
POWER SLIDING DOOR (R)	○
SECURE TAKEOVER	○
DOOR STATUS	○
TRUNK STATUS	○
HOOD STATUS	○
E-BRAKE STATUS	○
TACH OUTPUT	○
BRAKE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



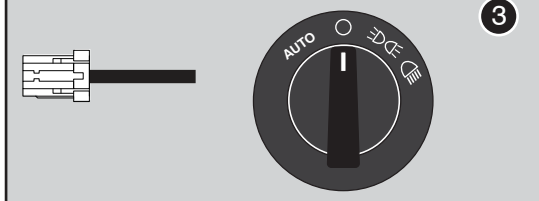
OBD-II connector



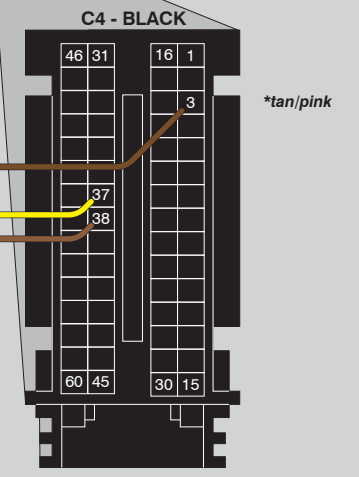
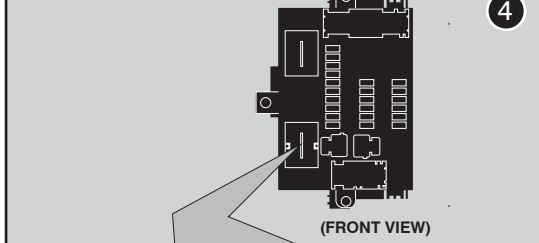
TIP Start Cylinder



Headlight switch



BCM



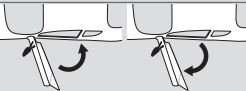
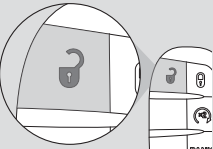

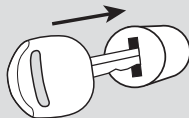

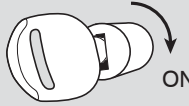
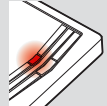
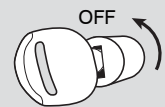
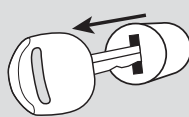

LED Programming Error Codes

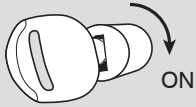
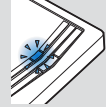
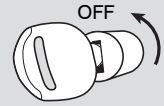
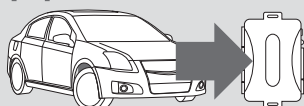

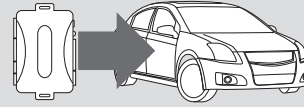
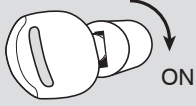
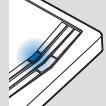
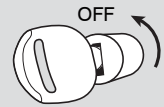

- Module LED flashing RED during programming
- 1x - CAN Error
 - 2x - Key code not learned
 - 3x - No IGNITION
 - 4x - No immobilizer, check CAN/key
 - 5x - VIN error, check CAN wiring
 - 6x - See 4x error
 - 7x - KLON error
 - 8x - No IGNITION, check connection

MODULE PROGRAMMING PROCEDURE - 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.



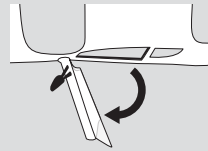
TIME RESTRICTION COMING UP !

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.