

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12 Jeep	Cherokee PTS	2019-22	Type 6	BCM	Park / Auto Type B2	PINK	NO	Green White/Blue N/A

### FIRMWARE:

Esta instalación requiere el firmware BLADE-AL (DL) -CH12, el módulo flash y la actualización del firmware del controlador antes de la instalación.

### INSTALACIÓN:

Las conexiones CAN Tipo 6 utilizan el cable de extensión CAN opcional para obtener datos del BCM del vehículo, conector C4 (CANL, pin # 37, amarillo, CANH, pin # 38, marrón)

### ENCENDIDO:

El encendido tipo 6 se encuentra en el conector C4 del BCM (conector de 60 clavijas, clavija n. ° 3, marrón). Precaución, la identificación adecuada de los circuitos es crucial, hay dos (2) cables marrones en el mismo conector utilizado para esta instalación.

## FTI-CDP1 - Notas de instalación y configuración

- A** CONEXIÓN REQUERIDA (cable de extensión CAN)
- B** NO REQUERIDO (OBD-CAN)
- C** SIN CONEXIÓN
- D** CONEXIÓN REQUERIDA (IGN)
- E** PRECAUCIÓN: CONFIRME LA POSICIÓN DEL CIRCUITO (2 cables marrones)



COBERTURA DE FUNCIONES																				
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.

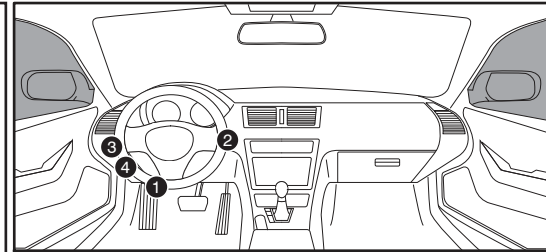
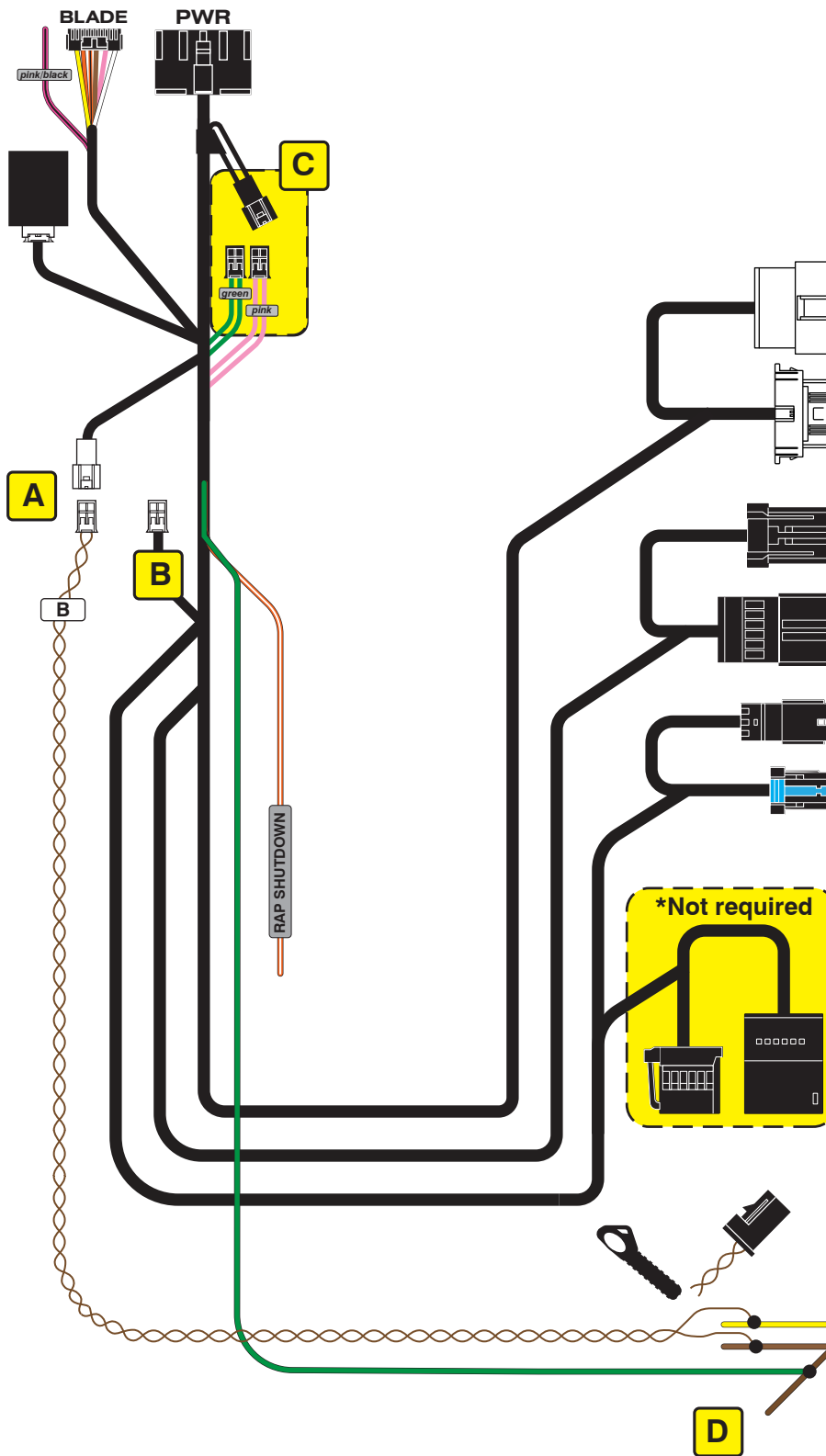
**Jumper Setting**

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

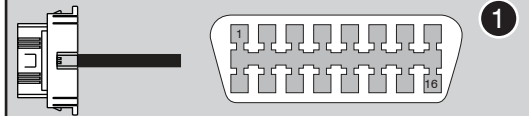
**CM7000/7200** Cut loop for A/T

**CM-900S/900AS**

**CM900AS/900S Jumper**



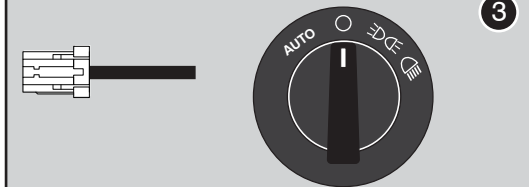
**OBD-II connector**



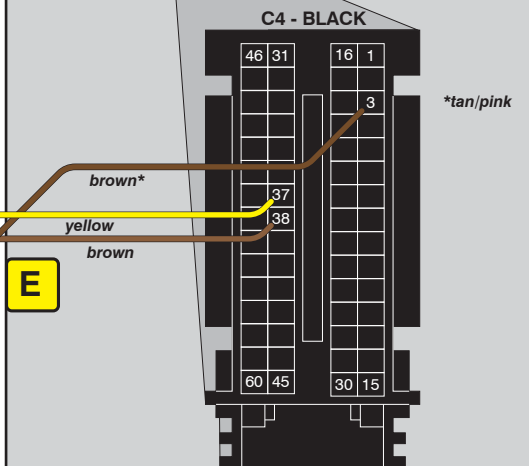
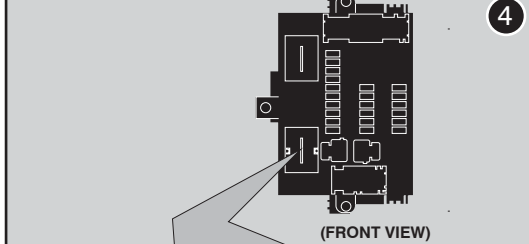
**PTS Button**



**Headlight switch**



**BCM**



**Códigos de error de programación de LED**

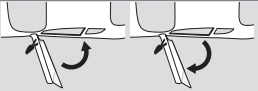
El LED del módulo parpadea en ROJO durante la programación

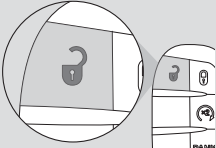
- 1x - Error de CAN
- 2x - Código clave no aprendido
- 3x - Sin ENCENDIDO
- 4x - Sin inmovilizador, comprobar CAN / llave
- 5x - Error de VIN, verifique el cableado CAN
- 6x - Ver error 4x
- 7x - Error de KLON
- 8x - Sin ENCENDIDO, verifique la conexión

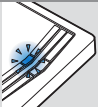
## MODULE PROGRAMMING PROCEDURE - PTS


### NOTE

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

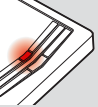
**1**  Close driver door.  
Re-open driver door to wake up data bus.


**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.

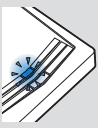
**6**  Set ignition to OFF position.




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

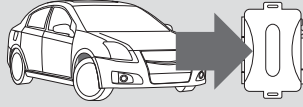
**8**  Set ignition to ON position.




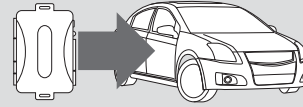
**9**  Wait, LED will flash BLUE rapidly.


**10**  Set ignition to OFF position.



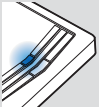
**11**  **WARNING:**  
Disconnect power last.  
Disconnect module from vehicle.


**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.



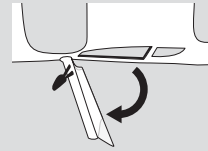
**TIME RESTRICTION COMING UP !**

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.