

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12 Chrysler	Grand Caravan PTS	2021	Type 1C	F/JC	Park / Auto Type B2	PINK	NO	Green White/Blue N/A

### FIRMWARE:

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

### INSTALACIÓN:

Los vehículos de tipo 1C utilizan un cable de extensión CAN para realizar las conexiones en el conector de unión del firewall, ubicado arriba el panel de protección del conductor y conectado al cortafuegos (CANH, pin # 57, marrón / blanco, CANL, pin # 58, amarillo).

### LUCES:

Las luces de estacionamiento tipo B2 usan el conector de 10 pines, pero requieren una manipulación adicional del circuito en el conector BLADE, redireccionando la salida amarilla (MUX) a una resistencia de 500 ohmios y la salida de luz de estacionamiento verde / blanca (-) del controlador.

### ENCENDIDO:

El encendido Tipo 1C está disponible en el conector de unión ubicado sobre el panel de protección del conductor, conectado al firewall, El cable del vehículo está ubicado en el pin # 37, rosa / lt. verde, del conector de 59 pines.

## FTI-CDP1 - Notas de instalación y configuración

- A** CONEXIÓN REQUERIDA (cable de extensión CAN)
- B** NO SE REQUIERE (el arnés PUEDE)
- C** CONFIGURACIÓN REQUERIDA (ROSA)
- D** CONEXIÓN REQUERIDA (IGN)
- E** SE REQUIERE MODIFICACIÓN (vea la nota de Luces arriba)



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**

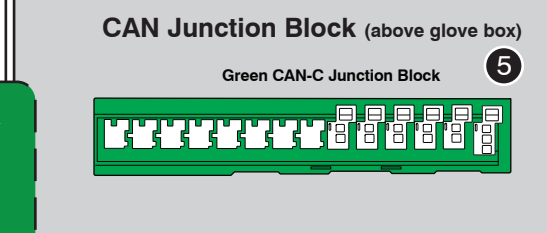
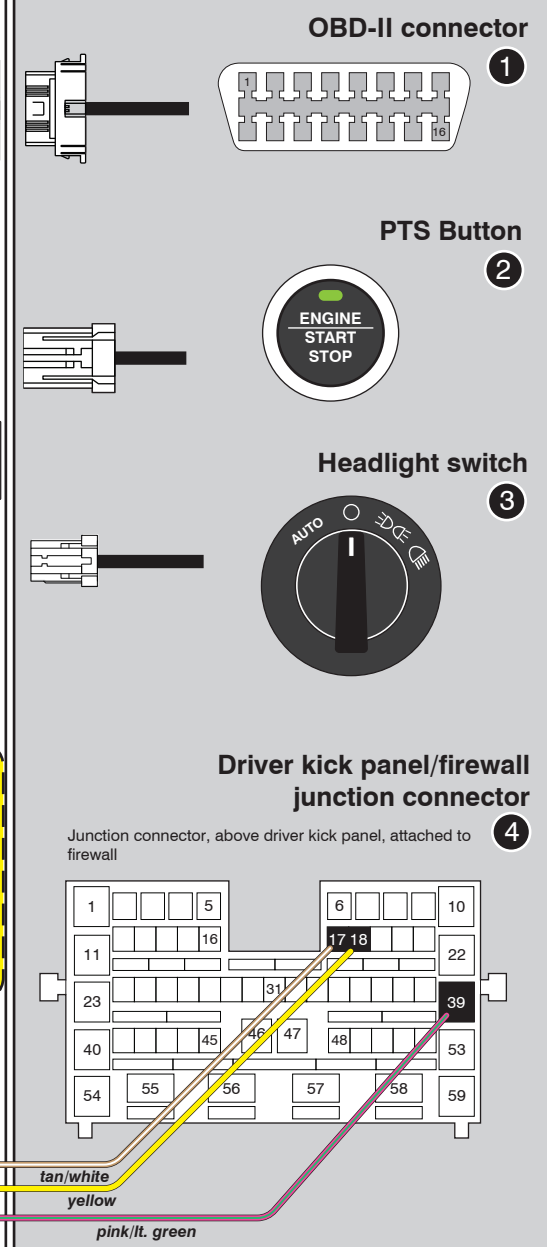
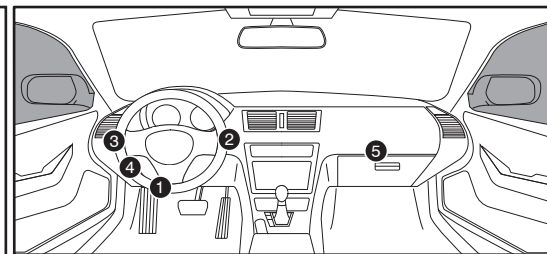
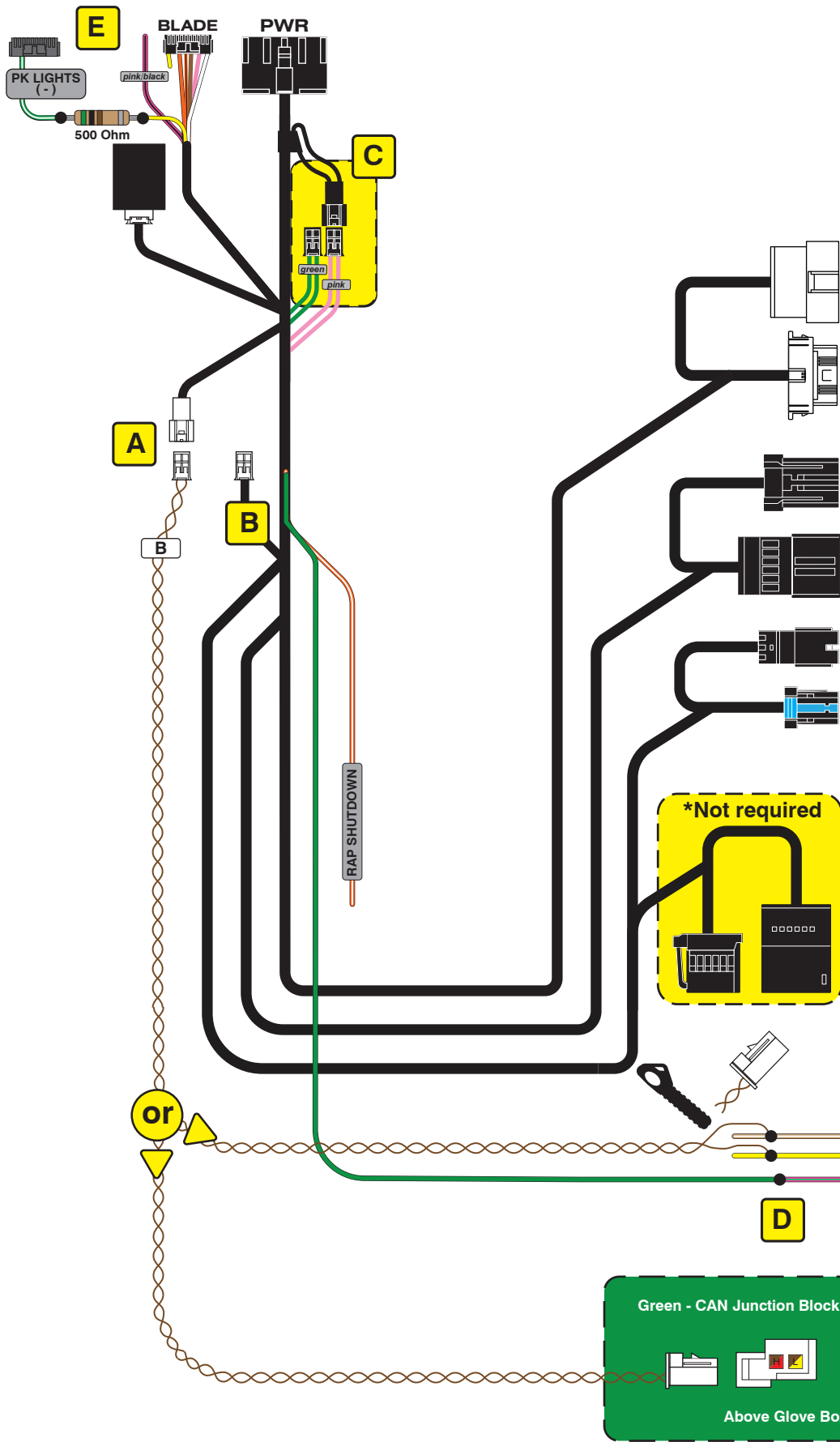
Parking Light	Accessory	Ignition (Default)	(+)Door Trigger In (Default)	(-)Door Trigger In (Default)
Trunk	Starter	Parking Light (Default)	Starter	Ignition
			Accessory (Default)	

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

CM-900S/900AS

**CM900AS/900S Jumper**

START  
ACC  
IGN1

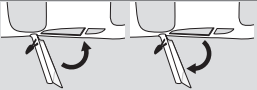


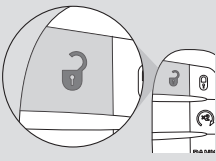
- Códigos de error de programación de LED**
- El LED del módulo parpadea en ROJO durante la programación
- 1x - Error de CAN
  - 2x - Código clave no aprendido
  - 3x - Sin ENCENDIDO
  - 4x - Sin inmovilizador, comprobar CAN / llave
  - 5x - Error de VIN, verifique el cableado CAN
  - 6x - Ver error 4x
  - 7x - Error de KLON
  - 8x - Sin ENCENDIDO, verifique la conexión


## MODULE PROGRAMMING PROCEDURE - PTS


### NOTE

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

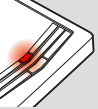
**1**  Close driver door.  
Re-open driver door to wake up data bus.


**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.

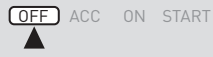


**7**  Repeat steps 4 to 6, eight times [8x].

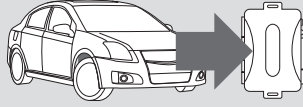
**8**  Set ignition to ON position.




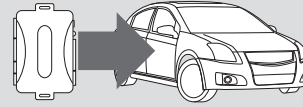
**9**  Wait, LED will flash BLUE rapidly.


**10**  Set ignition to OFF position.




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

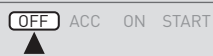
**12**  Connect module to computer and proceed with extended programming.

**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.



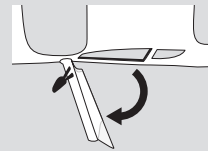
TIME RESTRICTION COMING UP !

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.