

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH13 RAM	1500 PTS	2019-21	Type 2+	CJB	Park / Auto Type B	BCM	NO	Green White/Blue N/A

FIRMWARE:

Esta instalación requiere BLADE-AL (DL) -CH13, módulo flash y actualización del firmware del controlador antes de la instalación.

INSTALACIÓN:

Tipo 2+ conexiones CAN utilizan el cable de extensión CAN incluido para conectarse al bloque de conexiones CAN verde (ubicado detrás de la guantera), oa los cables del BCM (conector C5, pin CANH n. ° 25, pin CANL n. ° 26).

LUCES:

Las luces de estacionamiento tipo B usan el conector de 10 pines, pero requieren manipulación adicional del circuito en el conector BLADE, redireccionando la salida amarilla (MUX) a una resistencia de 450 - 750 Ohm y la salida de luz de estacionamiento verde / blanca (-) del controlador.

ENCENDIDO:

El encendido de tipo 2+ está disponible en el BCM del vehículo (conector C5, pin # 27, rosa / blanco).

FTI-CDP1 - Notas de instalación y configuración

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



COBERTURA DE FUNCIONES																					
IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE	POWER LIFTGATE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	DOOR STATUS	TAILGATE STATUS	RAP SHUTDOWN	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT	DATA/MUX IGN/ST	GLOW PLUG STATUS	SECURE TAKEOVER	PARKING LIGHTS	HAZARD LIGHTS	DISCO BALL

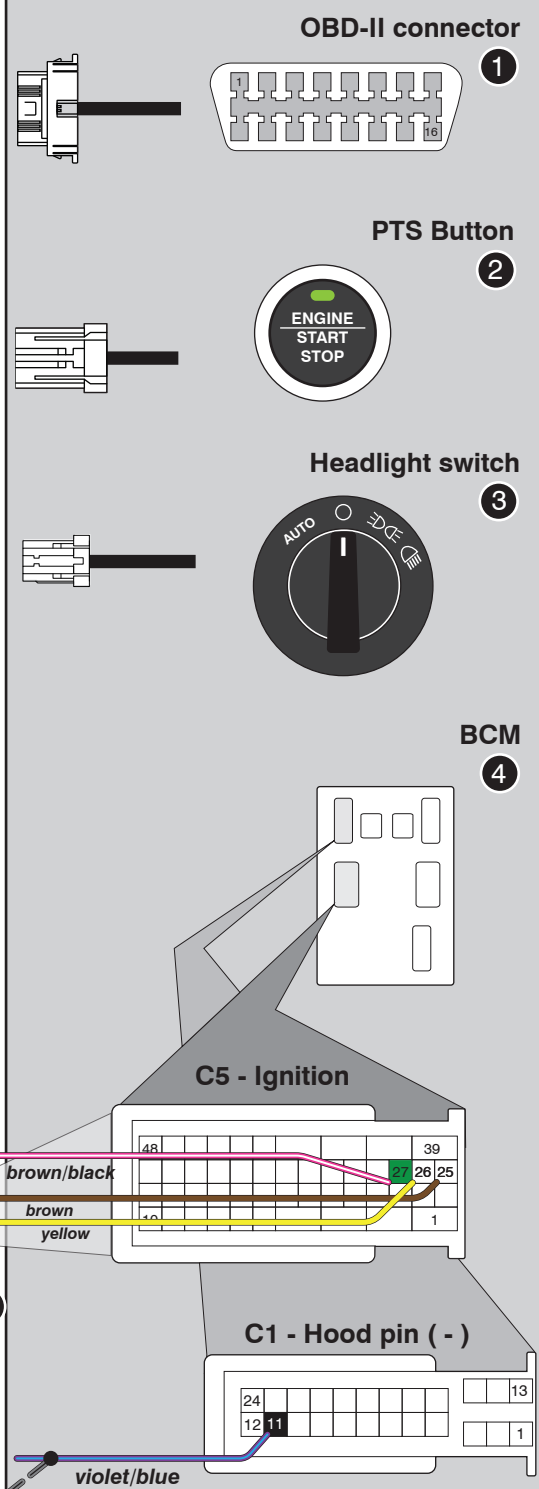
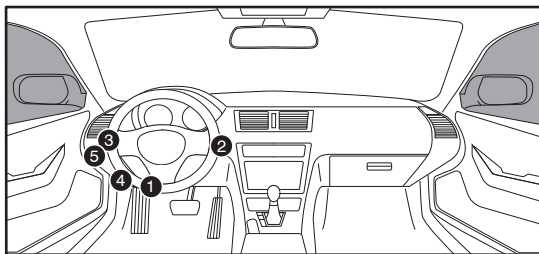
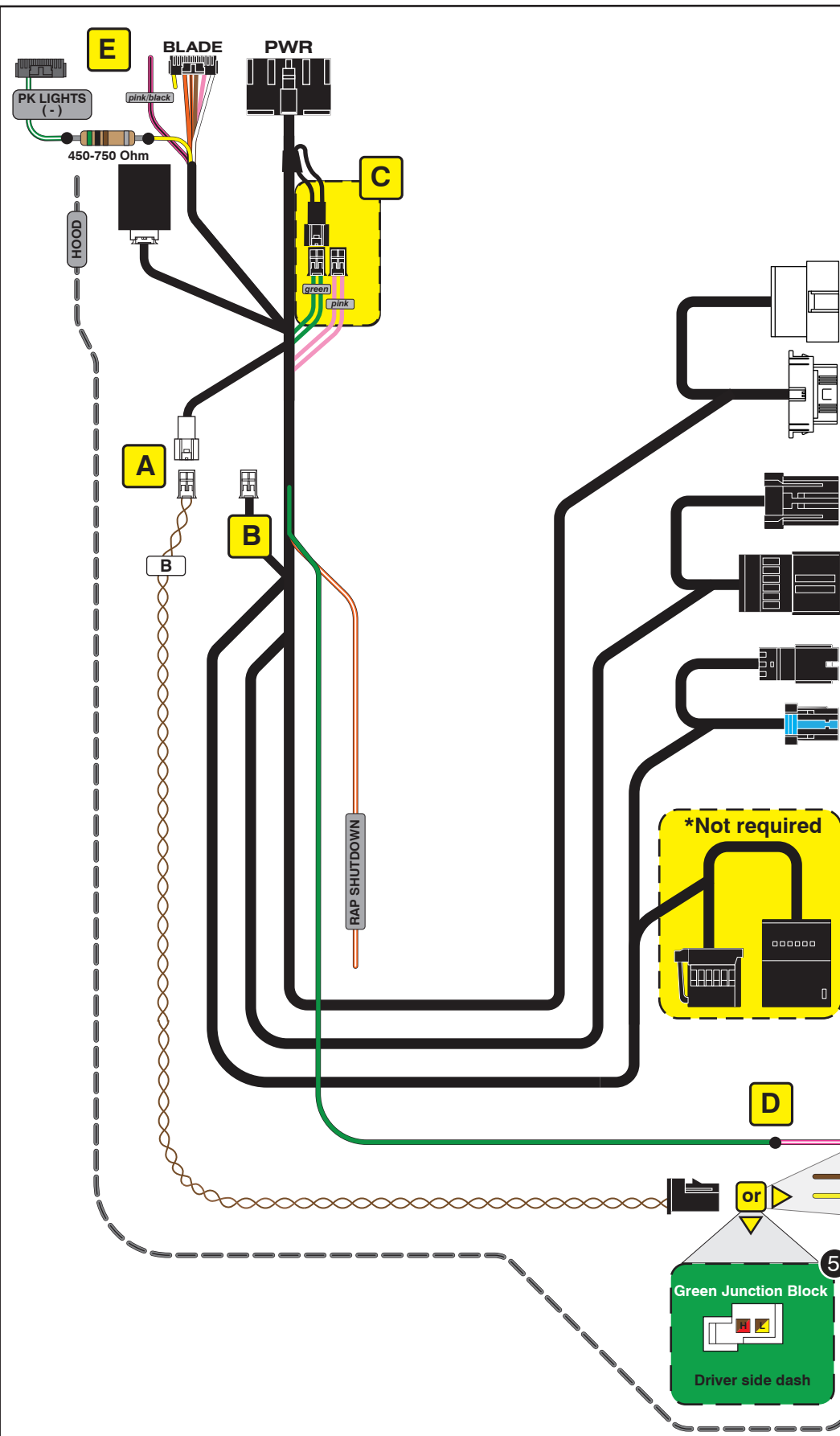
•FT-DAS Required for manual transmission.
•BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

CM7000/7200 Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper



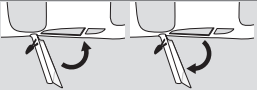
Códigos de error de programación de LED
El LED del módulo parpadea en ROJO durante la programación

- 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.

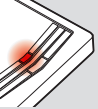
2  Press UNLOCK on OEM remote.


(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.

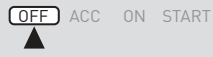


7  Repeat steps 4 to 6, eight times [8x].

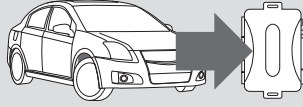
8  Set ignition to ON position.




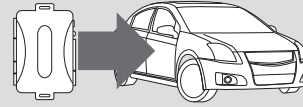
9  Wait, LED will flash BLUE rapidly.


10  Set ignition to OFF position.




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

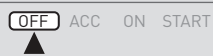
12  Connect module to computer and proceed with extended programming.

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.



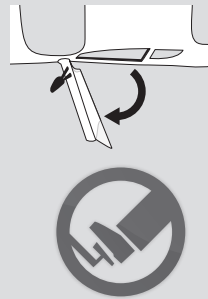
TIME RESTRICTION COMING UP !

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.