FTI-CDP1: Vehicle Coverage and Preparation Notes

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12					Park / Auto			Green White/Blue
RAM	3500 PTS	2019-24	Type 4	CJB	Type B	PINK	NO	N/A

FIRMWARE:
This installation requires BLADE-AL(DL)-CH12, flash module and update the controller firmware before installing.

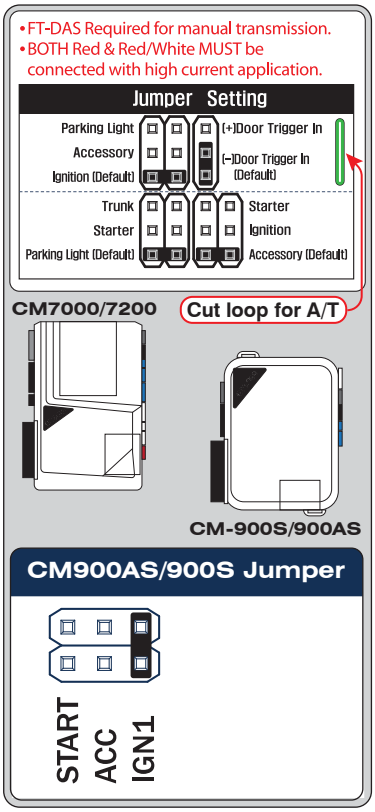
INSTALLATION:
Type 4 vehicles use the included CAN extension cable to source CAN data from the green CAN junction block, located behind the headlight switch

LIGHTS:
Type B parking lights use the harness 10-pin MUX provision, the harness 6-pin connectors is not used. Please ensure that it is properly secured for safety.

IGNITION:
Type 4 ignition is available at the trailer module connector (TMC), located to the right of the steering column in the gray 10-pin connector (pin #10, pink/green).

FTI-CDP1 - Installation and Configuration Notes

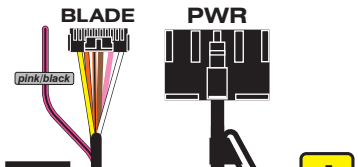
- **A** NO CONNECTION
- **B** REQUIRED CONNECTION (CAN extension cable)
- **C** NOT REQUIRED (OBD CAN)
- **D** REQUIRED CONNECTION (IGN)

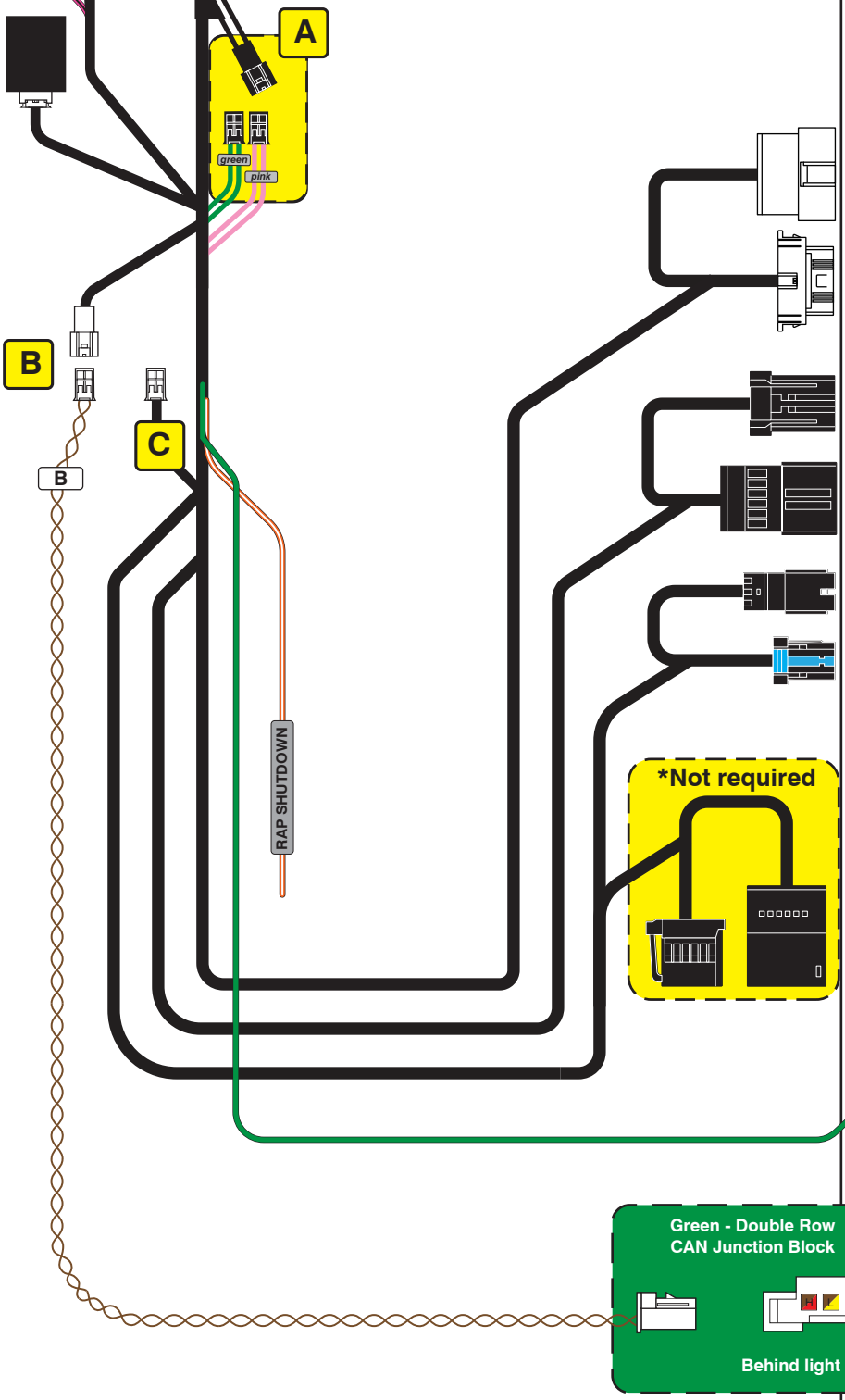


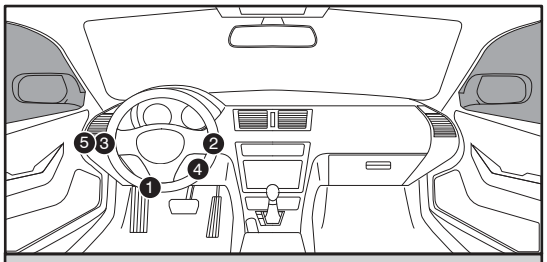
FEATURE COVERAGE																						
○	○	○	○	○	○	○				○	○	○	○	○	○	○		○		○	
IMMOBILIZER DATA	ARM OEM ALARM	DISARM OEM ALARM	DOOR LOCK	DOOR UNLOCK	PRIORITY UNLOCK	TRUNK/HATCH RELEASE	POWER LIFTGATE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	SECURE TAKEOVER	DOOR STATUS	TRUNK STATUS	HOOD STATUS	E-BRAKE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

FTI-CDP1 - DL-CH12 - Type 4 2019-24 RAM 3500 PTS

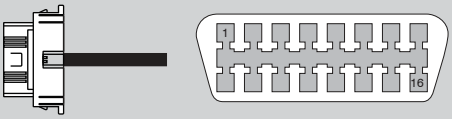
FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203





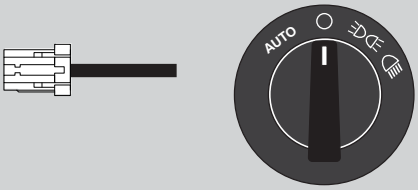


OBD-II connector 1

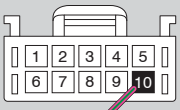


PTS Button 2

Headlight switch 3



Trailer Module Connector 4

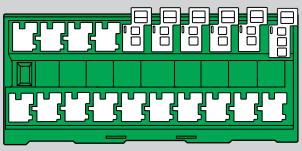


pink/green

D

CAN Junction Block (behind light switch) 5

Green CAN-C Junction Block



LED Programming Error Codes

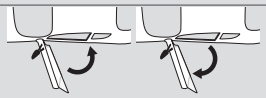
Module LED flashing RED during programming

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

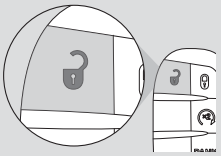
MODULE PROGRAMMING PROCEDURE - PTS

NOTE

I IMPORTANT: The hood must be closed.

1 

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

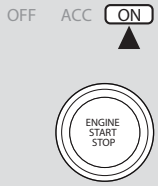
2 

Press UNLOCK on OEM remote.

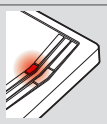
(If the vehicle is not equipped with an OEM remote, press on the module programming button.)

3

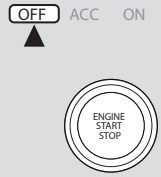
Wait, LED will flash BLUE once [1x]. If LED does not flash GREEN, repeat step 2.

4 

Set ignition to ON position.

5 

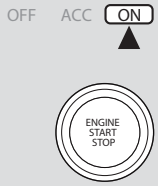
Wait, if LED turns solid RED proceed to step 6.
If LED flashes BLUE rapidly, proceed to step 10.

6 

Set ignition to OFF position.

7

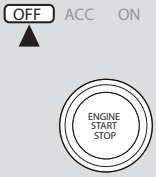
Repeat steps 4 to 6, eight times [8x].

8 

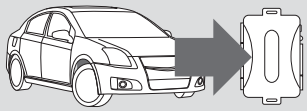
Set ignition to ON position.

9

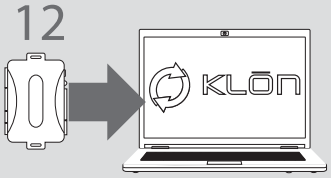
Wait, LED will flash BLUE rapidly.

10 

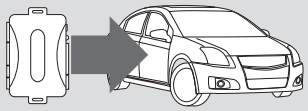
Set ignition to OFF position.

11 

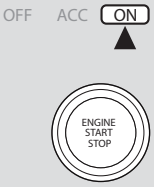
WARNING:
Disconnect power last.
Disconnect module from vehicle.

12 

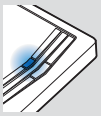
Connect module to computer and proceed with extended programming.

13 

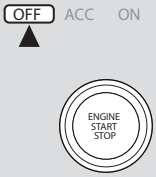
WARNING: Do not press module programming button.
Connect power first.
Connect module to vehicle.

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.

Automotive Data Solutions Inc. © 2020

WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT

- 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

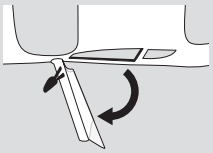
- All vehicle doors must be closed and locked prior to remote start sequence.

TIME RESTRICTI ON COMING UP !

1

Unlock vehicle door using OEM or after-market remote, or door request switch.

2



TIME RESTRICTI ON

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.

Automotive Data Solutions Inc. © 2020