

# FTI-CDP1 - Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	IGN	Hood	I/O Changes
DL-CH8 RAM	1500 Classic TIP Start	2019-22	Type 2	CJB	Park / Auto Type B	BCM	BCM	Green White/Blue

**Firmware:** Covered vehicles use either **BLADE-AL(DL)-CH8**, confirm application, flash module, and update the controller firmware before installing.

**Install:** **Type 2** vehicles use the included CAN extension cable to source CAN data from the green CAN junction block (left side of the dash) or from the BCM (pin#25, CANH, **brown**, pin #26, CANL, **yellow**).

**Lighting:** **Type B** parking lights use the 10-pin connector, secure unused 6-pin connector for safety.

**Ignition:** Common ignition provisions are listed in the BLADE diagram, ignition is also available at the vehicle BCM (connector C5/E, pin #27, **pink/white**).

**Hood:** Hood status wire is available at the vehicle BCM, connector C1, pin #11 (**violet/blue**).

## FTI-CDP1 - Installation and Configuration Notes

- A** Required CAN connections.
- B** Not required.
- C** Vehicle hood status ( - ).
- D** Ignition jumper, NO CONNECTION required.
- E** Ignition connection.



BLADE FEATURE COVERAGE																						
IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE				DOOR STATUS	TRUNK STATUS		DOOR STATUS	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**

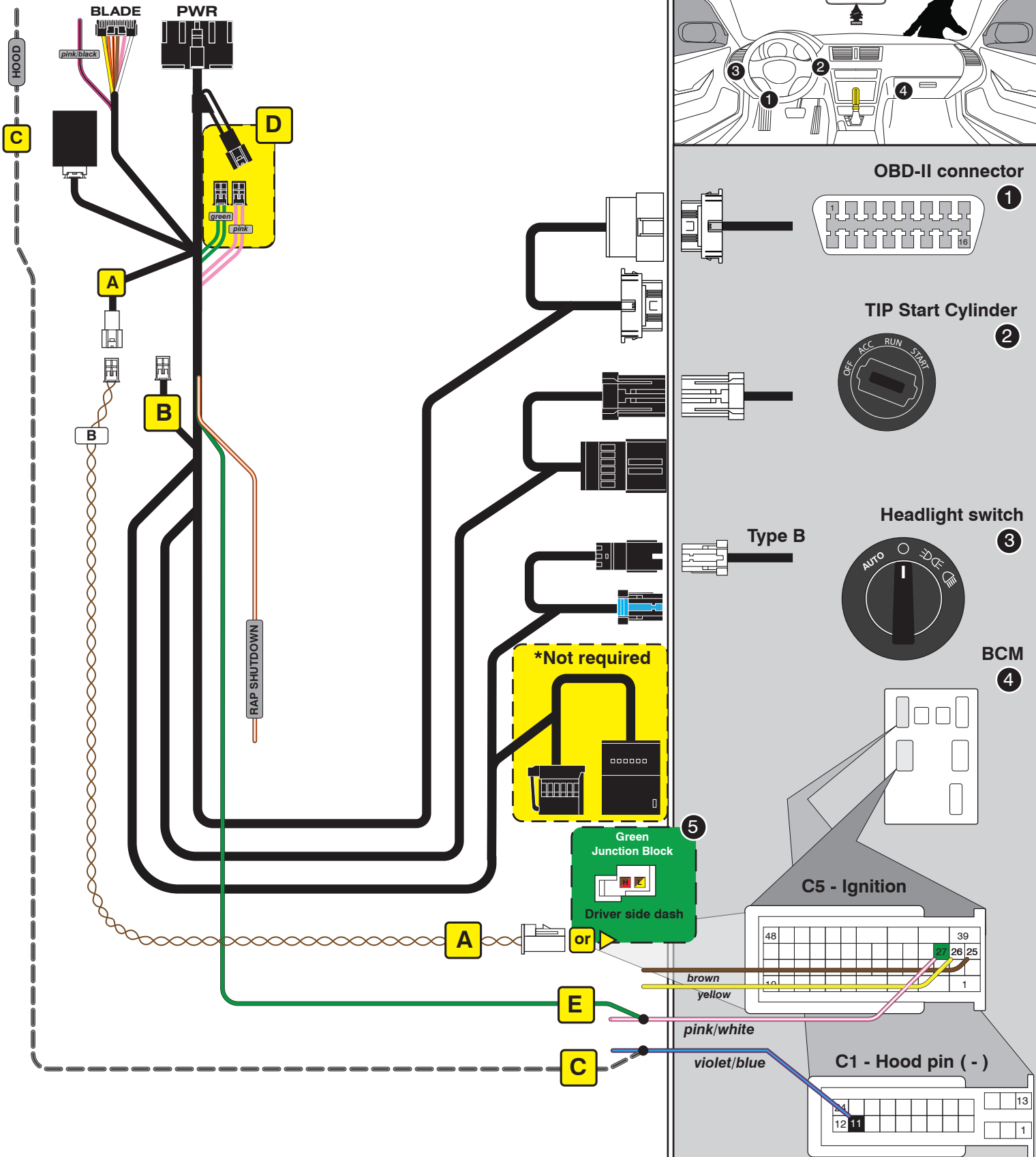
Parking Light	Accessory	Ignition (Default)	(+)Door Trigger In (Default)	(-)Door Trigger In (Default)
Trunk	Starter	Parking Light (Default)	Starter	Ignition
			Accessory (Default)	

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

CM-900S/900AS

**CM900AS/900S Jumper**

START  
ACC  
IGN1

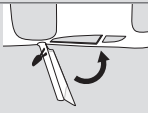
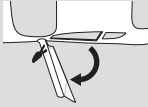
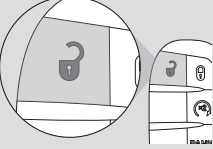
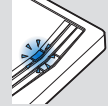
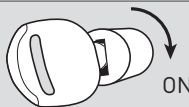
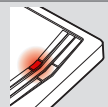
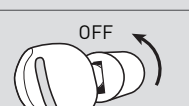
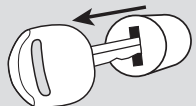
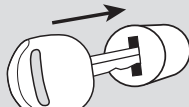
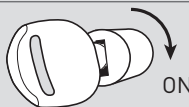



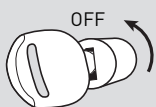
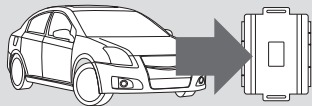


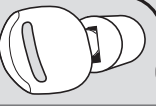
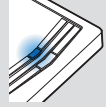
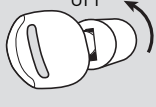

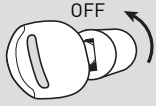
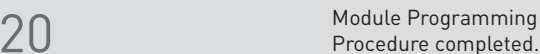
**LED Programming Error Codes**

Module LED flashing RED during programming

- 1x - CAN Error, check CAN wiring and voltages
- 2x - Key code not learned, confirm unlock sent, check CAN
- 3x - No immobilizer data, check immo data connection
- 4x - No IGN, check IGN connection
- 5x - VIN not found, check CAN connections
- 6x - No immobilizer data, check immo data connection
- 7x - Not the same key, use only one key for programming
- 8x - No immobilizer data, check immo data connection
- 9x - No immobilizer data    10x - Klon error, redo Klon

## MODULE PROGRAMMING PROCEDURE - WITH KLON

- 1  Close driver door.
- 2  Re-open driver door to wake up data bus.
- 3  Press UNLOCK on OEM remote.  
If the vehicle is not equipped with an OEM remote, press the module programming button.
- 4  Wait, LED will flash BLUE once [1x].
- 5  Turn key to ON position.
- 6  Wait, LED will turn solid RED.
- 7  Turn key to OFF position.
- 8  Remove key.
- 9  Insert key into ignition.
- 10  Turn key to ON position.
- 11  Wait, LED will flash BLUE.

- 12  Turn key to OFF position.
- 13  **WARNING:**  
Disconnect power last.  
Disconnect RS from vehicle.
- 14  Connect RS to computer and proceed with extended programming.
- 15  **WARNING:** Do not press RS programming button.  
Connect power first.  
Connect RS to vehicle.
- 16  Turn key to ON position.
- 17  Wait, LED will turn solid BLUE for 2 seconds.
- 18  Turn key to OFF position.
- 19  Turn key to START position.
- 20  Turn key to OFF position.
- 21  Module Programming Procedure completed.

## 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 - TO THE VEHICLE OWNER

### NOTE

- 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.