

FTI-CDP1 - Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	IGN	Hood	I/O Changes
DL-CH8 RAM	3500 TIP Start	2013-17	Type 1	OBD-II	Park / Auto Type B	BCM	BCM	Green White/Blue

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

CAN: **Type 1** vehicles use CAN connections in harness at OBD-II, the included CAN extension is not required for this install type.

Lighting: **Type B** parking lights use the 10-pin connector, please ensure that the unused 6-pin connector is properly secured for safety.

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

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					DOOR STATUS	RAP SHUTDOWN	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT			SECURE TAKEOVER	PARKING LIGHTS

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

Jumper Setting

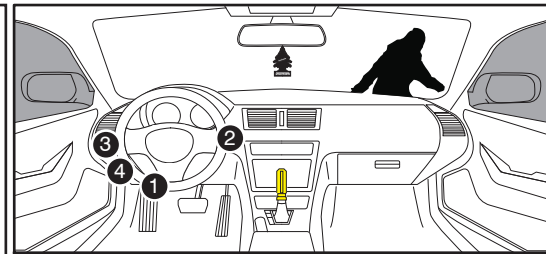
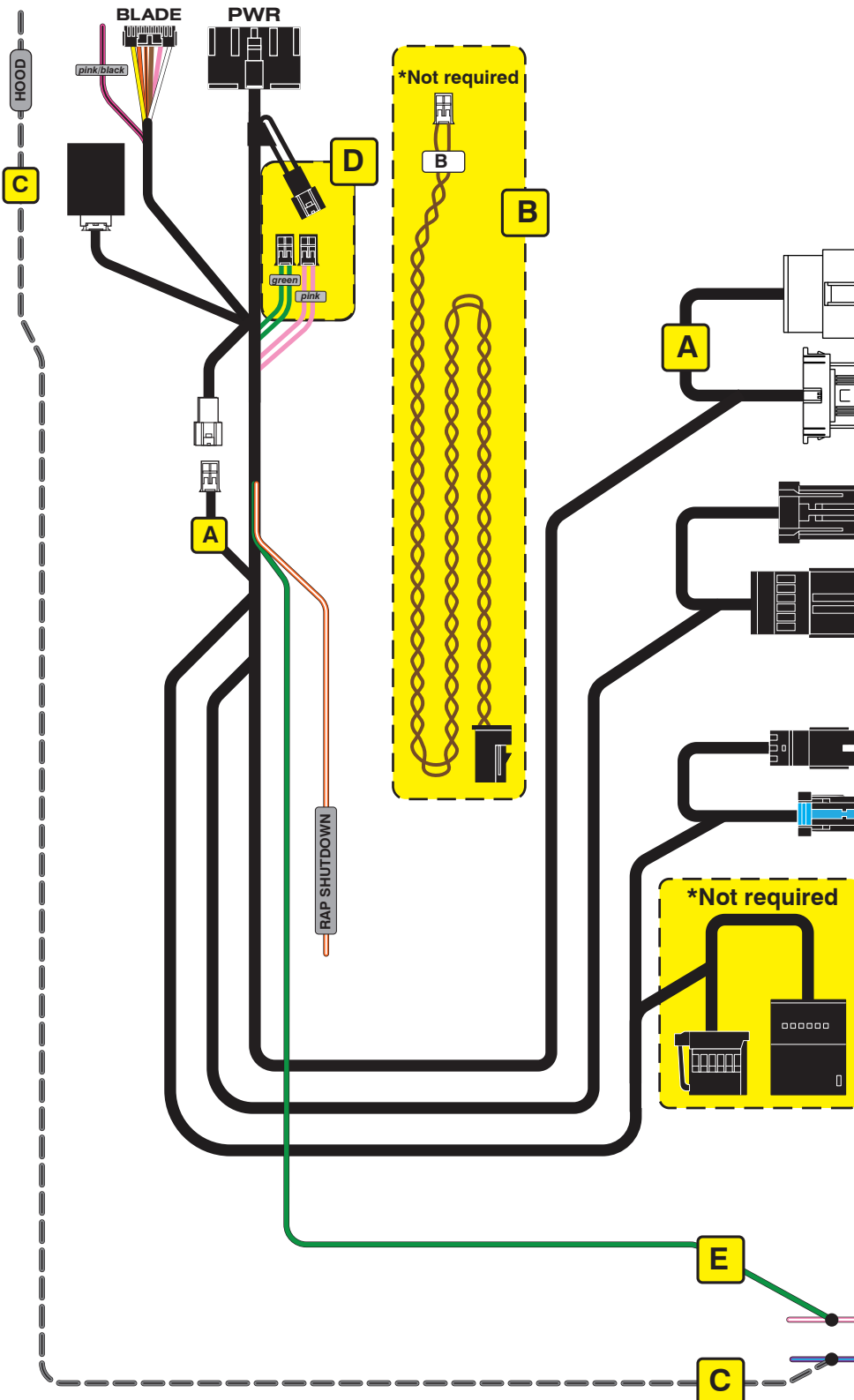
Parking Light	Accessory	Ignition (Default)	(+)Door Trigger In (Default)	(-)Door Trigger In (Default)
Trunk	Starter	Parking Light (Default)	Starter	Ignition
			Accessory (Default)	

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

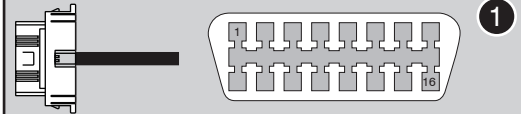
CM-900S/900AS

CM900AS/900S Jumper

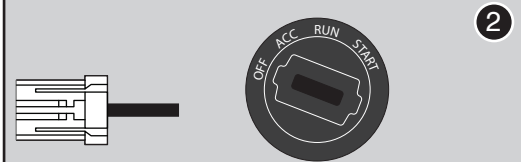
START
ACC
IGN1



OBD-II connector



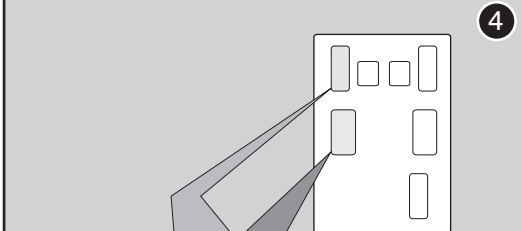
TIP Start Cylinder



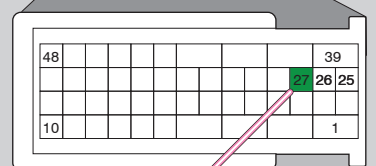
Headlight switch



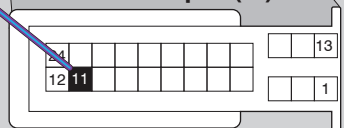
BCM



C5 - Ignition



C1 - Hood pin (-)

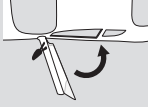
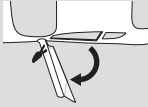
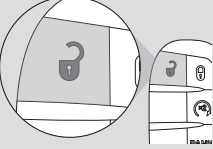
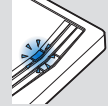
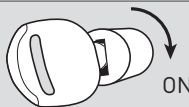
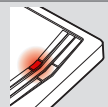
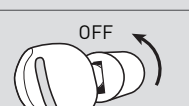
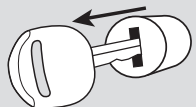
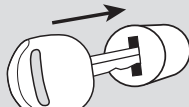
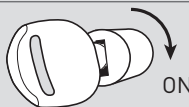

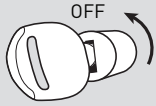
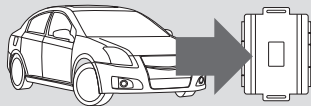
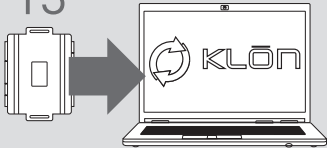
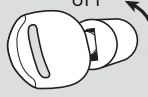
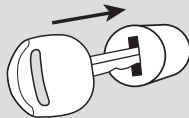
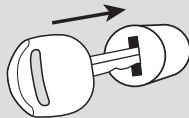





LED Programming Error Codes

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. | 11 |  | Turn key to OFF position. |
| |  | Re-open driver door to wake up data bus. | 12 |  | WARNING:
Disconnect power last.
Disconnect RS from vehicle. |
| 2 |  | Press UNLOCK on OEM remote.
If the vehicle is not equipped with an OEM remote, press the module programming button. | 13 |  | Connect RS to computer and proceed with extended programming. |
| 3 |  | Wait, LED will flash BLUE once [1x]. | 14 |  | WARNING: Do not press RS programming button.
Connect power first.
Connect RS to vehicle. |
| 4 |  | Turn key to ON position. | 15 |  | Turn key to ON position. |
| 5 |  | Wait, LED will turn solid RED. | 16 |  | Wait, LED will turn solid BLUE for 2 seconds. |
| 6 |  | Turn key to OFF position. | 17 |  | Turn key to OFF position. |
| 7 |  | Remove key. | 18 |  | Turn key to START position. |
| 8 |  | Insert key into ignition. | 19 |  | Turn key to OFF position. |
| 9 |  | Turn key to ON position. | 20 | | Module Programming Procedure completed. |
| 10 |  | Wait, LED will flash BLUE. | | | |

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.