idatalink DL-CH7 Chrysler Data Doorlock Integration Installation Guide

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idatalink DL-CH7 Chrysler Data Doorlock Integration

INSTRUCTION MANUAL

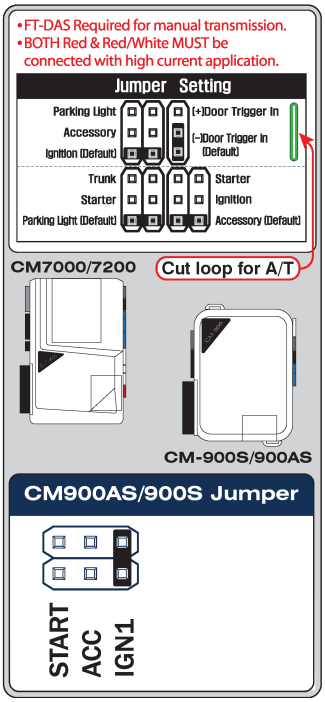
FTI-CDP1: Vehicle Coverage and Preparation Notes

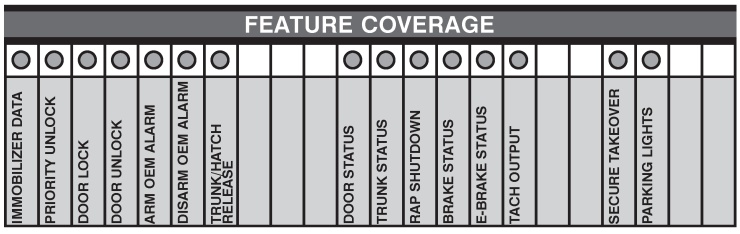
FTI-CDP1: Vehicle Coverage and Preparation Notes								FIRSTECH, LLC. SUPPORT - 1(888) 820-3690, EXT. 203
Make	**Model**	**Year**	**Install**	**CAN**	**Lights**	**IGN**	**Hood**	**I/O Changes**
DL-CH7					Park / Auto			Green White/Blue
Dodge	Challenger PTS	2018	Type 2	CJB	Type A	BCM	BCM	

Firmware: Covered vehicles use BLADE-AL(DL)-CH7, 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 A parking lights use the 6-pin connector, secure the unused 10 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).

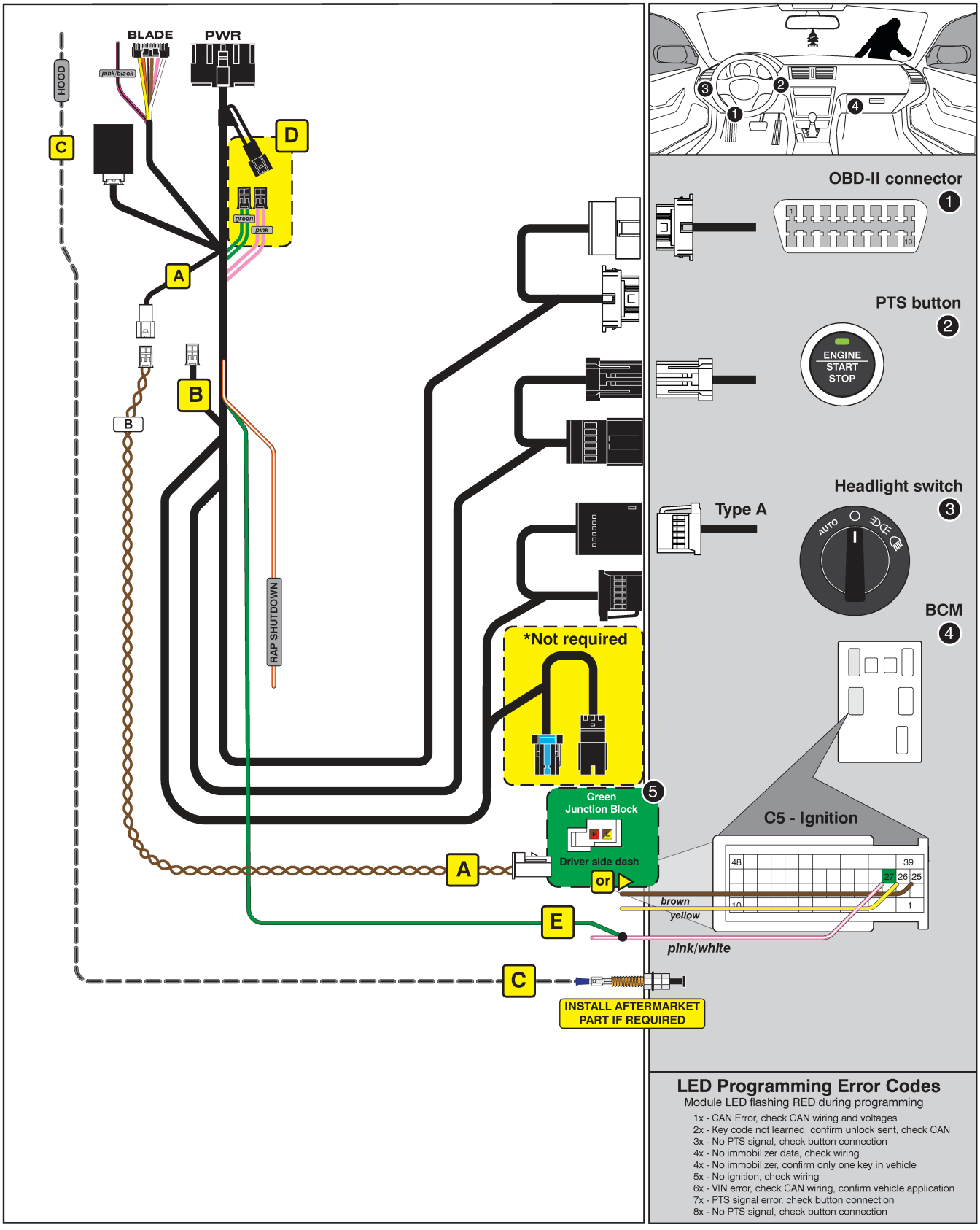
FTI-CDP1 – Installation and Configuration Notes

- **A** Required CAN connections.
- **B** Not Required.
- **C** Hood pin connection (if required).
- **D** Ignition jumper, NO CONNECTION required.
- **E** Ignition connection.





FTI-CDP1 – DL-CH7 – Type 3 2018-19 Dogde Challenger PTS



LED Programming Error Codes

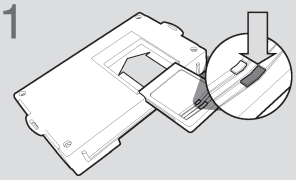
Module LED flashing RED during programming

1x – CAN Error, check CAN wiring and voltages
2x – Key code not learned, confirm unlock sent, check CAN 3x – No PTS signal, check button connection
4x – No immobilizer data, check wiring
4x – No immobilizer, confirm only one key in vehicle
5x – No ignition, check wiring

6x – VIN error, check CAN wiring, confirm vehicle application 7x – PTS signal error, check button connection
8x – No PTS signal, check button connection

CARTRIDGE INSTALLATION

1



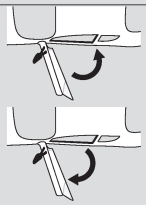
Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE – WITH KLON – 1 OF 2

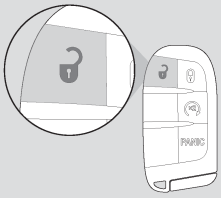
1



Close driver door.

Re-open driver door to wake up data bus.

2



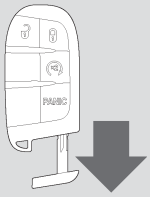
Press UNLOCK on keyfob 1.

3

x1

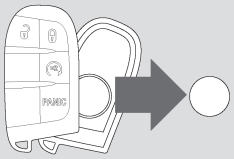
Wait, LED will flash BLUE once [1x].

4



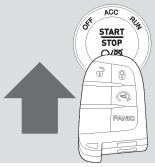
Remove valet key from keyfob 1.

5



Remove batteries from keyfob 1.

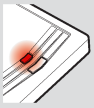
6



x2

Push start button twice [2x] with keyfob 1 to ON position.
(No battery)

7



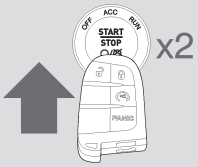
Wait, LED will turn solid RED.

8

x1

Push start button once [1x] to OFF position.

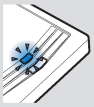
9



x2

Push start button twice [2x] with keyfob 1 to ON position.
(No battery)

10



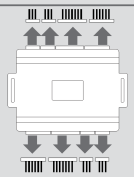
Wait, if LED flashes BLUE rapidly, proceed to step 11.
If LED turns solid RED, repeat steps 8 to 10.

11

x1

Push start button once [1x] to OFF position.

12



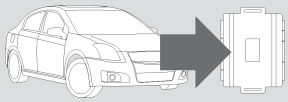
Disconnect all connectors from remote starter except the power connector.

13

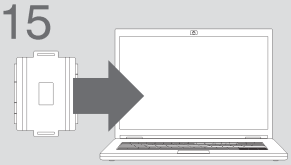
Disconnect the power connector.

IMPORTANT: READ NEXT PAGE !

14 Remove remote starter from vehicle.



15 Connect remote starter to computer.

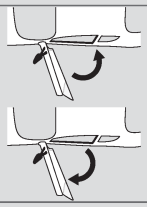


16 Proceed with extended programming.

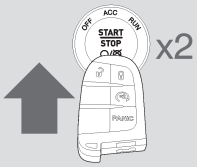
17 Connect remote starter to vehicle.

18 Close driver door.

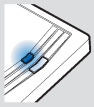
Re-open driver door to wake up data bus.



19 Push start button twice [2x] with keyfob 1 to ON position. (No battery)

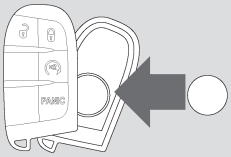


20 Wait, LED will turn solid BLUE for 2 seconds.



21 Push start button once [1x] to OFF position.
Module Programming Procedure completed.

22 Insert battery in keyfob 1.



MODULE PROGRAMMING PROCEDURE – WITH KLON – 2 OF 2

WARNING: READ BEFORE REMNO OTICETE STARTING THE VEHICLE

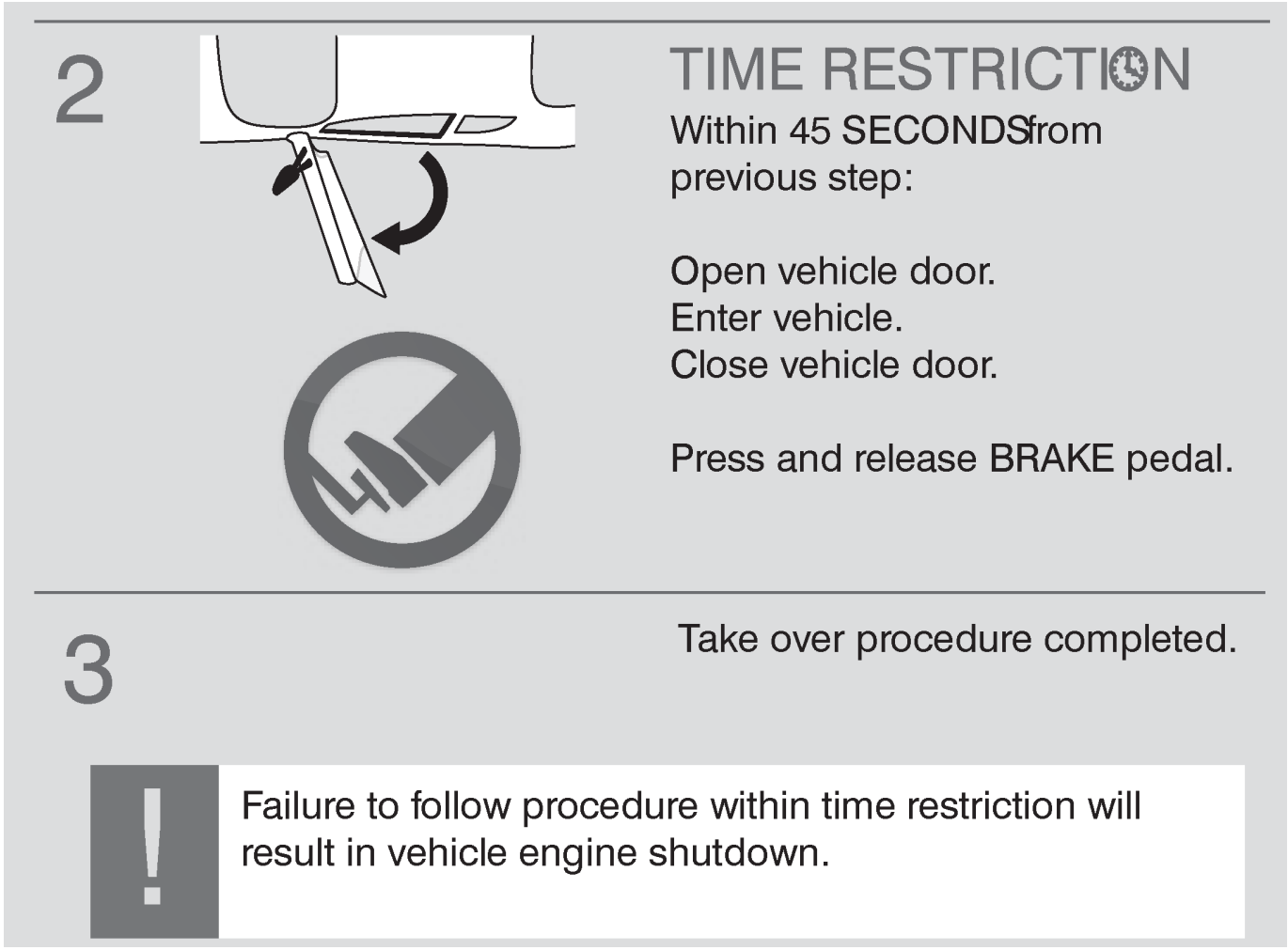
IMPORTANT

All OEM keyfobs must be at least 10 feet away from the vehicle. 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

TIME RESTRICTION COMING UP !

1 Press UNLOCK on after-market remote.



Specifications

- **Make:** DL-CH7 Dodge
- **Model:** Challenger PTS
- **Year:** 2018
- **Install Type:** Type 2
- **CAN:** CJB
- **Lights:** Park / Auto
- **Type:** A
- **IGN:** BCM
- **Hood I/O Changes:** BCM Green White/Blue
- **Firmware:** BLADE-AL(DL)-CH7

Product Usage Instructions

Installation

1. Install the BLADE-AL(DL)-CH7 flash module and update the controller firmware before proceeding.

2. For Type 2 vehicles, use the included CAN extension cable to source CAN data from the green CAN junction

block or from the BCM.

Lighting Setup

1. For Type A parking lights, use the 6-pin connector and secure the unused 10-pin connector for safety.

Ignition Configuration

1. Refer to the BLADE diagram for common ignition provisions.

2. Ignition is also available at the vehicle BCM (connector C5/E, pin #27, pink/white).

FAQ

Q: What are some common LED programming error codes?

A: Here are some common LED error codes during programming:

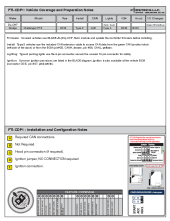
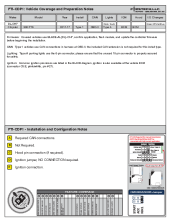
- 1x – CAN Error, check CAN wiring and voltages
- 2x – Key code not learned, confirm unlock sent, check CAN
- 3x – No PTS signal, check button connection
- 4x – No immobilizer data, check wiring
- 5x – No ignition, check wiring
- 6x – VIN error, check CAN wiring, confirm vehicle application
- 7x – PTS signal error, check button connection
- 8x – No PTS signal, check button connection

Q: What is the process for module programming with KLON?

A: To program the module with KLON:

1. Close driver door.
2. Press UNLOCK on keyfob 1.
3. Wait for LED to flash BLUE once [1x].
4. Remove valet key from keyfob 1.

Documents / Resources

	idatalink DL-CH7 Chrysler Data Doorlock Integration [pdf] Installation Guide DL-CH7, CM7000-7200, CM-900S-900AS, DL-CH7 Chrysler Data Doorlock Integration, DL-CH7, Chrysler Data Doorlock Integration, Data Doorlock Integration, Doorlock Integration, Integration
	idatalink DL-CH7 Chrysler Data Doorlock Integration [pdf] Installation Guide FTI-CDP1-CH7, DL-CH7, CM7000-7200, CM-900S-900AS, CM-900, DL-CH7 Chrysler Data Doorlock Integration, DL-CH7, Chrysler Data Doorlock Integration, Data Doorlock Integration, Doorlock Integration, Integration

References

- iDatalink - Home
- User Manual

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