

# FTI-CDP1 - Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	IGN	Hood	I/O Changes
<b>DL-CH8</b> Dodge	Dart TIP Start	2013-16	Type 1	OBD-II	Park / Auto Type A	BCM	BCM	Green White/Blue

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

**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 A** parking lights use the 6-pin connector, please ensure that the unused 10-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).

## FTI-CDP1 - Installation and Configuration Notes

- A** Required CAN connections.
- B** Not required.
- C** Hood pin connection (if required).
- D** Ignition jumper, CONNECTION required (GREEN).
- E** Ignition connection (one of many available in the vehicle, pick whichever one suits you).

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

**Jumper Setting**

Parking Light	Accessory	Ignition (Default)	Trunk	Starter	Parking Light (Default)	(+)-Door Trigger In (Default)	(-)-Door Trigger In (Default)	Starter Ignition Accessory (Default)
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**CM7000/7200** Cut loop for A/T

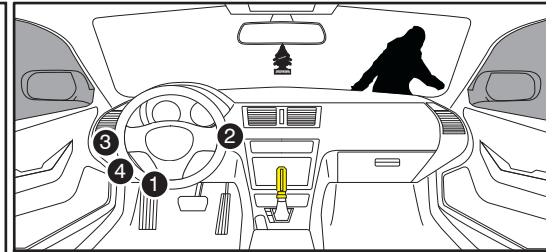
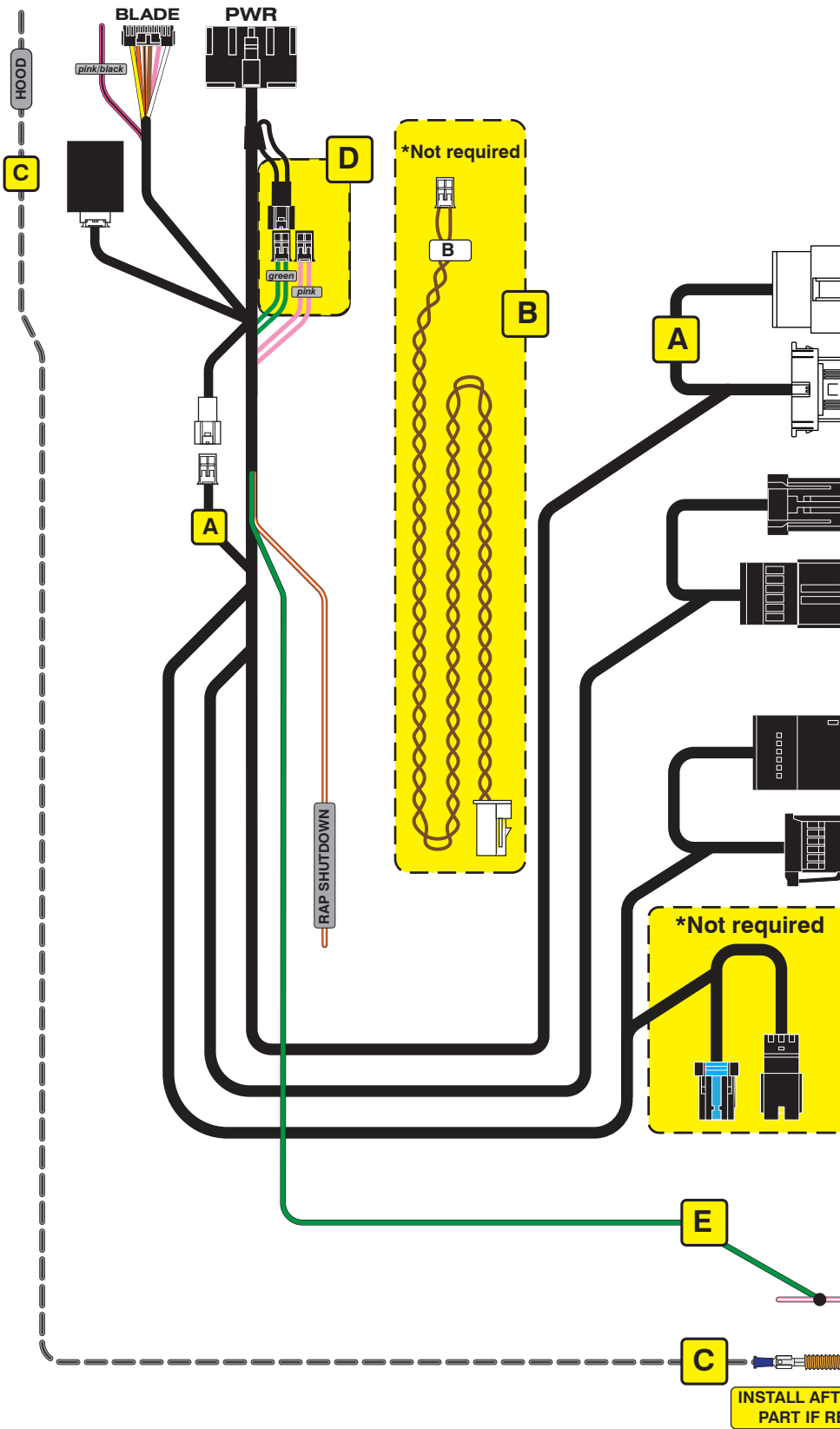
**CM-900S/900AS**

**CM900AS/900S Jumper**

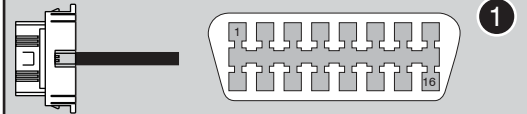
**START  
ACC  
IGN1**



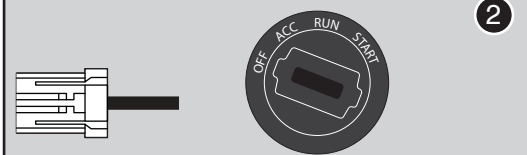
BLADE FEATURE COVERAGE																						
IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE					DOOR STATUS	TRUNK STATUS	RAP SHUTDOWN	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT			SECURE TAKEOVER	PARKING LIGHTS		



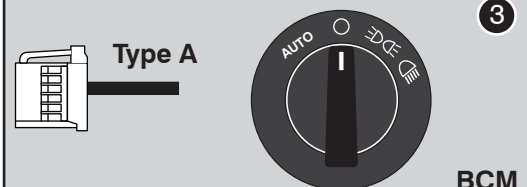
OBD-II connector



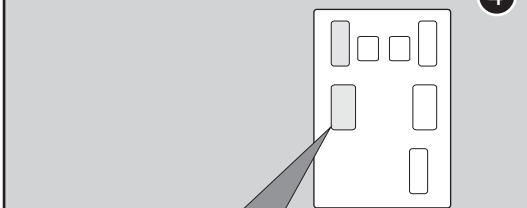
TIP Start Cylinder



Headlight switch



BCM



C5 - Ignition

48									39
								27	26 25
10									1

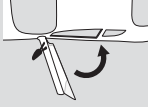
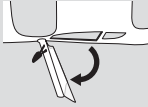
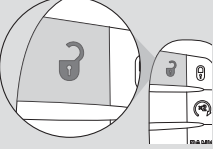
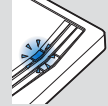
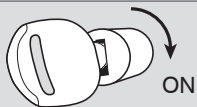
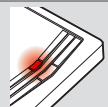
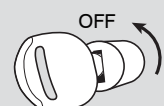
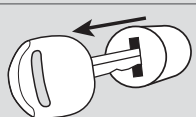
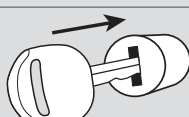
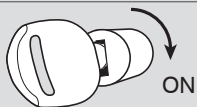

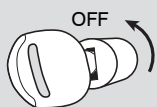
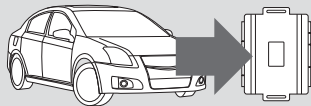
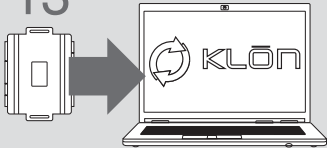

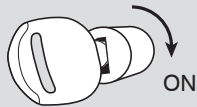

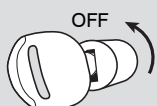
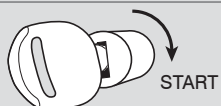
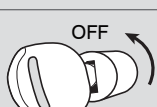
*pink/white*

**INSTALL AFTERMARKET PART IF REQUIRED**

**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

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

## 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.



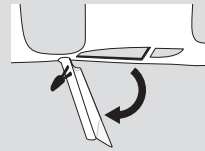
**TIME RESTRICTION COMING UP !**

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.