

# 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),

## FTI-CDP1 - Installation and Configuration Notes

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

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

**Jumper Setting**

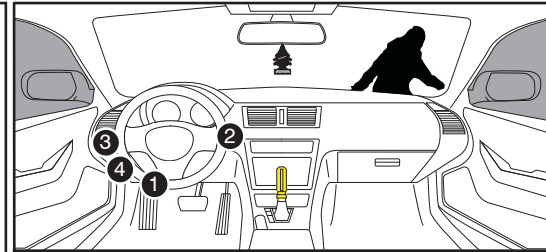
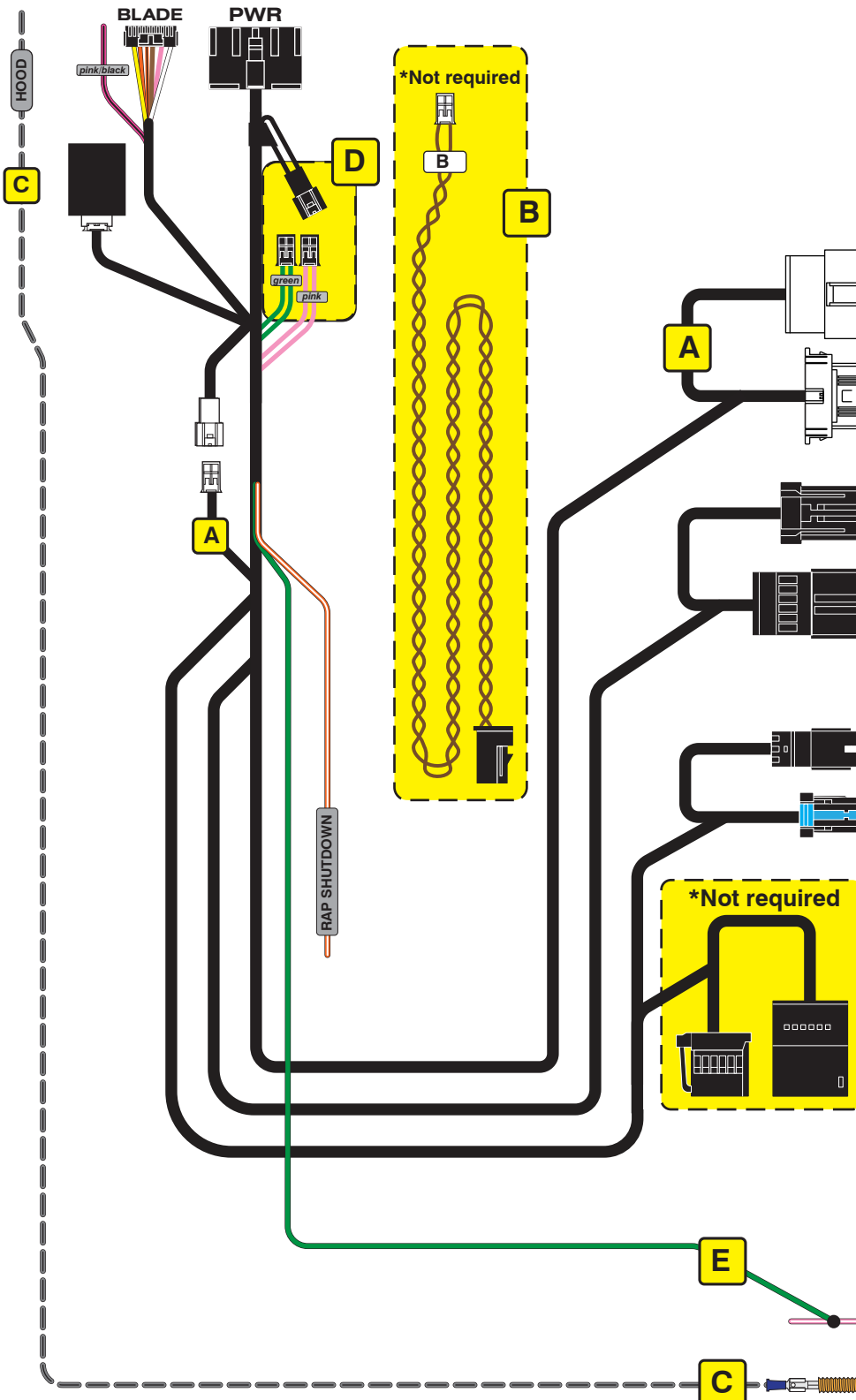
**CM7000/7200** Cut loop for A/T

**CM-900S/900AS**

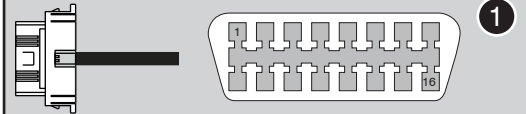
**CM900AS/900S Jumper**



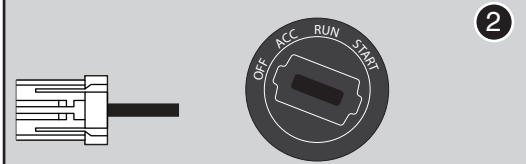
BLADE FEATURE COVERAGE																			
IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM					DOOR STATUS	RAP SHUTDOWN	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT		SECURE TAKEOVER	PARKING LIGHTS		



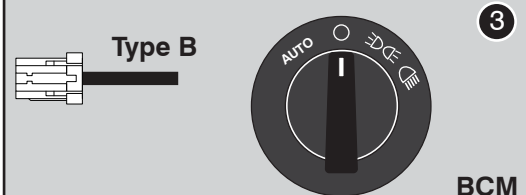
**OBD-II connector**



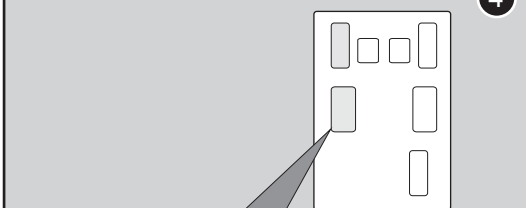
**TIP Start Cylinder**



**Headlight switch**



**BCM**



**C5 - Ignition**

48								39
							27	26 25
10								1

pink/white

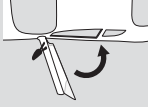
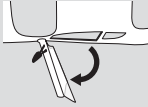
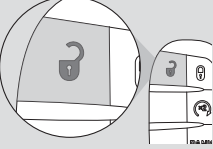
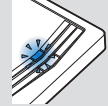
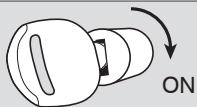
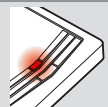
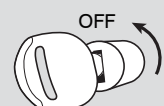
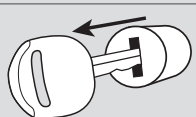
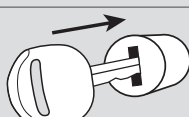
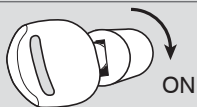

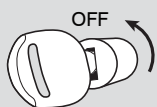
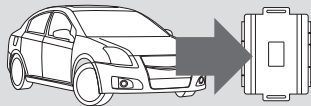
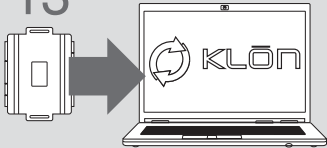

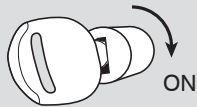

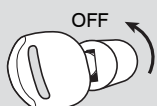
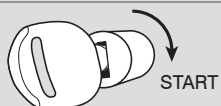
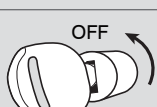
**INSTALL AFTERMARKET PART IF REQUIRED**

**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.



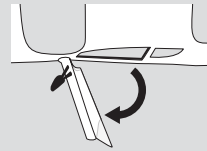
**TIME RESTRICTION COMING UP !**

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.