

# FTI-CDP1 - Vehicle Coverage and Preparation Notes

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

**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**).

## FTI-CDP1 - Installation and Configuration Notes

- A** Required CAN connections.
- B** Not required.
- C** Hood pin connection (if required).
- D** Ignition jumper, 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		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

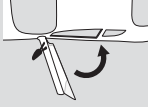
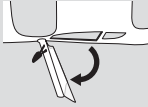
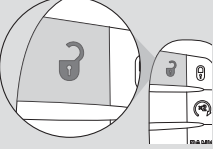
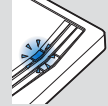
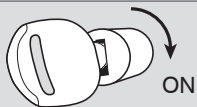
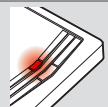
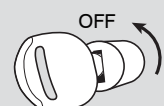
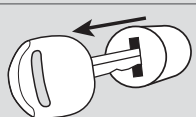
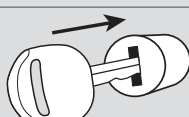
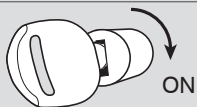

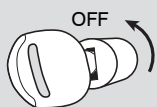
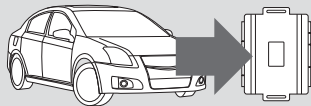
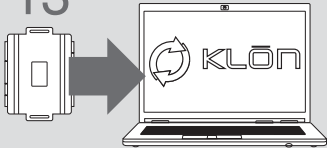

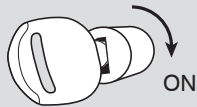

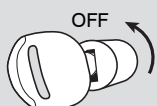
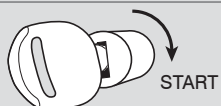
**CM-900S/900AS**

**CM900AS/900S Jumper**

START  
ACC  
IGN1



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



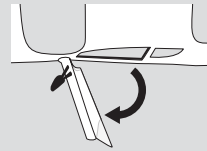
**TIME RESTRICTION COMING UP !**

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.