FTI-CDP1: Vehicle Coverage and Preparation Notes

F	RSTECH, LLC. SUPPORT - 1(888) 820-3690, EXT. 203
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Make	Model	Year	Install	CAN	Lights	IGN	RAP	I/O Changes
DL-CH12 Chrysler	Grand Caravan PTS	2021-23	Type 1C	F/JC	Park / Auto Type B2	PINK		Green White/Blue N/A

FIRMWARE:

This installation requires BLADE-AL(DL)-CH12, flash module and update the controller firmware before installing.

INSTALLATION:

Type 1C vehicles use CAN extension cable to make connections at the firewall junction connector, located above the driver kick panel and attached to firewall (CANH, pin #17, tan/white, CANL, pin #18, yellow).

IGNITION:

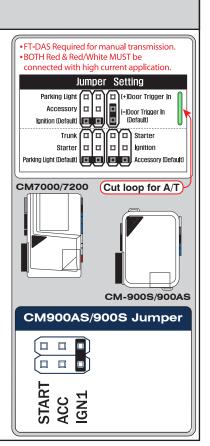
Type 1C ignition is available at junction connector located above the driver kick panel, attached to the firewall, vehicle wire is located at pin #39, pink/lt. green, of the 59-pin connector

FTI-CDP1 - Installation and Configuration Notes

- A REQUIRED CONNECTION (CAN extension cable)
- B NOT REQUIRED (Harness CAN)
- C NO CONNECTION
- D REQUIRED CONNECTION (IGN)

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	FEATURE COVERAGE																				
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IMMOBILIZER DATA	ARM OEM ALARM	DISARM OEM ALARM	роов госк	DOOR UNLOCK	PRIORITY UNLOCK	TRUNK/HATCH RELEASE	POWER LIFTGATE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	SECURE TAKEOVER	DOOR STATUS	TRUNK STATUS	HOOD STATUS	E-BRAKE STATUS	тасн оитрит	BRAKE STATUS	GLOW PLUG STATUS	PARKING LIGHTS	HAZARD LIGHTS	A/M CONTROL	



FTI-CDP1 - DL-CH12 - Type 1C F∥RSTECH,LLC. 2021-23 Chrysler Grand Caravan PTS SUPPORT - 1(888) 820-3690, EXT. 203 **PWR BLADE OBD-II** connector **PTS Button** ENGINE START B **Headlight switch** (3) *Not required Driver kick panel/firewall junction connector Junction connector, above driver kick panel, attached to firewall 10 17 18 22 11 23 39 47 40 53 59 tan/white yellow pink/lt. green D CAN Junction Block (above glove box) Green CAN-C Junction Block **Green - CAN Junction Block** Above Glove Box **LED Programming Error Codes** Module LED flashing RED during programming 1x - CAN Error 2x - Key code not learned 3x - No IGNITION 4x - No immobilizer, check CAN/key 5x - VIN error, check CAN wiring 6x - See 4x error 7x - KLON error 8x - No IGNITION, check connection



ALL IN ONE CHRYSLER/FIAT/JEEP

Patent No. US 8,856,780 CA 2759622

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MODULE PROGRAMMING PROCEDURE - PTS

NOTE

I IMPORTANT: The hood must be closed.



Close driver door. Re-open driver door to wake up data bus.



Press UNLOCKon OEM remote.

(If the vehicle is not equipped with an OEM remote, press on the module programming button.)



Wait, LED will flash BLUE once [1x]. If LED does not flash GREEN, repeat step 2.



Set ignition to ON position.





Wait, if LED turns solid RED proceed to step 6. If LED flashes BLUE rapidly, proceed to step 10.



Set ignition to OFF position.





Repeat steps 4 to 6, eight times [8x].

8 OFF ACC ON START

Set ignition to ON position.





9

Wait, LED will flash BLUE rapidly.

10 off acc on start

Set ignition to OFF position.



11

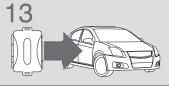
WARNING:

Disconnect power last.

Disconnect module from vehicle.



Connect module to computer and proceed with extended programming.



WARNING: Do not press module programming button.
Connect power first.
Connect module to vehicle.

4 Engine

Set ignition to ON position.



ACC ON START

5

Wait, LED will turn solid BLUE for 2 seconds.

16 A ACC ON START

Set ignition to OFF position.



Module Programming Procedure completed.



ALL IN ONE CHRYSLER/FIAT/JEEP

Patent No. US 8,856,780 CA 2759622

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WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT

I 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 - PTS - TO THE VEHICLE OWNER

NOTE

I All vehicle doors must be closed and locked prior to remote start sequence.



TIME RESTRICTION COMING UP!

1



Unlock vehicle door using OEM or after-market remote, or door request switch.



TIME RESTRICTION

Within 45 SECONDS from previous step:

Open vehicle door. Enter vehicle. Close vehicle door.

Press and release BRAKE pedal.

3

Take over procedure completed.



Failure to follow procedure will result in vehicle engine shutdown.