FTI-CDP1: Vehicle Coverage and Preparation Notes

| F | RSTECH, LLC. SUPPORT - 1(888) 820-3690, EXT. 203 |
|-----|---|
| - 1 | SUPPORT - 1(888) 820-3690, EXT. 203 |

| Make | Model | Year Install | | CAN | Lights | IGN | RAP | I/O Changes | |
|----------|-------------------|--------------|---------|------|-------------|------|-----|------------------|--|
| DL-CH12 | | | | | Park / Auto | | | Green White/Blue | |
| Chrysler | Grand Caravan PTS | 2021-23 | Type 1C | F/JC | Type B2 | PINK | NO | 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).

LIGHTS:

Type B2 parking lights use the 10-pin connector, but require additional circuit manipulation at the BLADE connector, redirecting the yellow (MUX) output to a 500 Ohm resistor and the controller green/white (-) parking light output.

IGNITION:

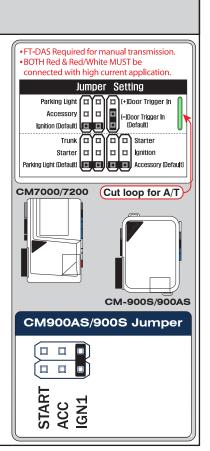
Type 1C ignition is available at junction connector located above the driver kick panel, attached to the firewall, vehicle wire is located at pin #39, pink/lt. green, of the 59-pin connector

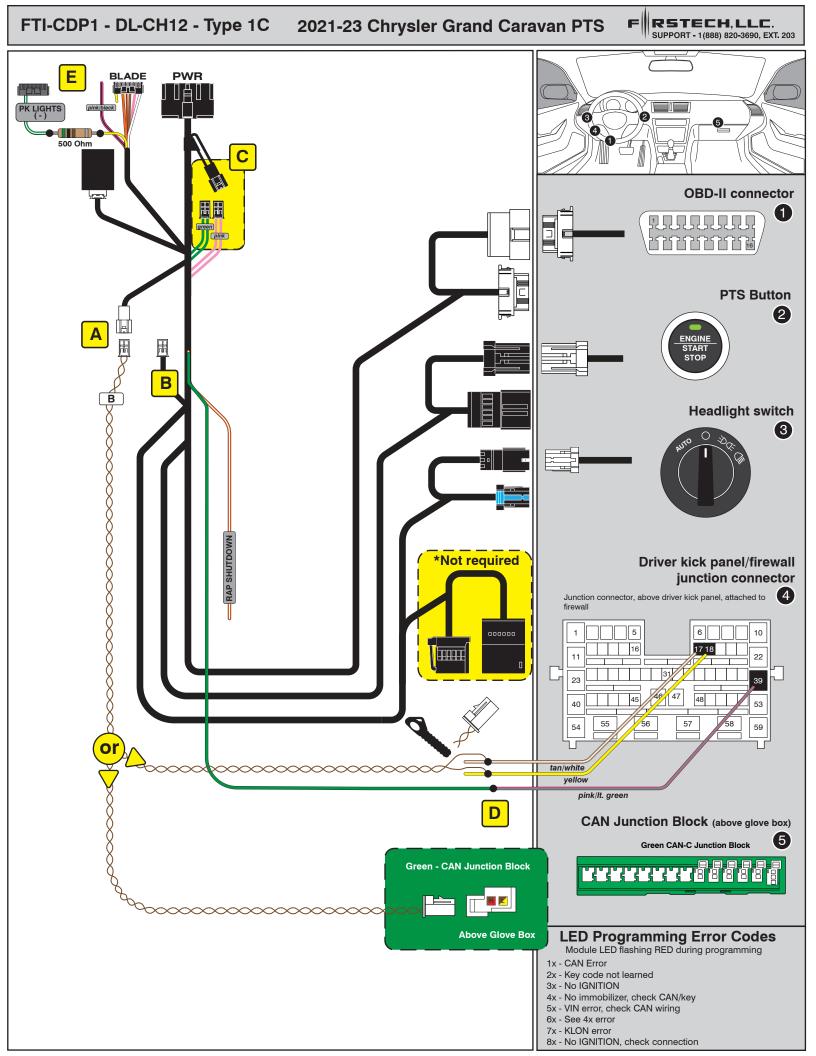
FTI-CDP1 - Installation and Configuration Notes

- A REQUIRED CONNECTION (CAN extension cable)
- B NOT REQUIRED (Harness CAN)
- C NO CONNECTION
- P REQUIRED CONNECTION (IGN)
- MODIFICATION REQUIRED (see Lights note above)



| | FEATURE COVERAGE | | | | | | | | | | | | | | | | | | | | |
|------------------|------------------|------------------|-----------|-------------|-----------------|------------------------|----------------|---------------------------|---------------------------|-----------------|-------------|--------------|-------------|----------------|-------------|--------------|------------------|----------------|---------------|-------------|--|
| 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | |
| 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 | |







ALL IN ONE CHRYSLER/FIAT/JEEP

Patent No. US 8,856,780 CA 2759622

Page 40 of 43 COM-BLADE-AL(DL)-CH12-EN Doc. No.: ##72849## 20201120

MODULE PROGRAMMING PROCEDURE - PTS

NOTE

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].



Set ignition to ON position.



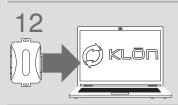


Wait, LED will flash BLUE rapidly.

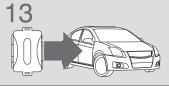
Set ignition to OFF position.



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.



Set ignition to ON position.



ACC ON START

Wait, LED will turn solid BLUE for 2 seconds.



Set ignition to OFF position.



Module Programming Procedure completed.

9



ALL IN ONE CHRYSLER/FIAT/JEEP

Patent No. US 8,856,780 CA 2759622

Page 43 of 43 COM-BLADE-AL(DL)-CH12-EN Doc. No.: ##72849## 20201120

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.