

FIRSTECH
FTI-CDP1 Remote
Start T Harness



Firstech FTI-CDP1 Remote Start T Harness User Guide

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Firstech FTI-CDP1 Remote Start T Harness



FTI-CDP1 – Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	CAN	Lights	IGN	Hood	I/O Changes
DL-CH8 RAM	3500 TIP Start Diesel	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

- Required CAN connections.
- Not required.
- Vehicle hood status (if required).
- Ignition jumper CONNECT TO PINK, NO CONNECTION required..
- E Ignition connection.

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		GLOW PLUG STATUS	SECURE TAKEOVER	PARKING LIGHTS		

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

Jumper Setting				
Parking Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(+)Door Trigger In
Accessory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(-)Door Trigger In (Default)
Ignition (Default)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Trunk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Starter
Starter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ignition
Parking Light (Default)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Accessory (Default)

CM7000/7200

Cut loop for A/T



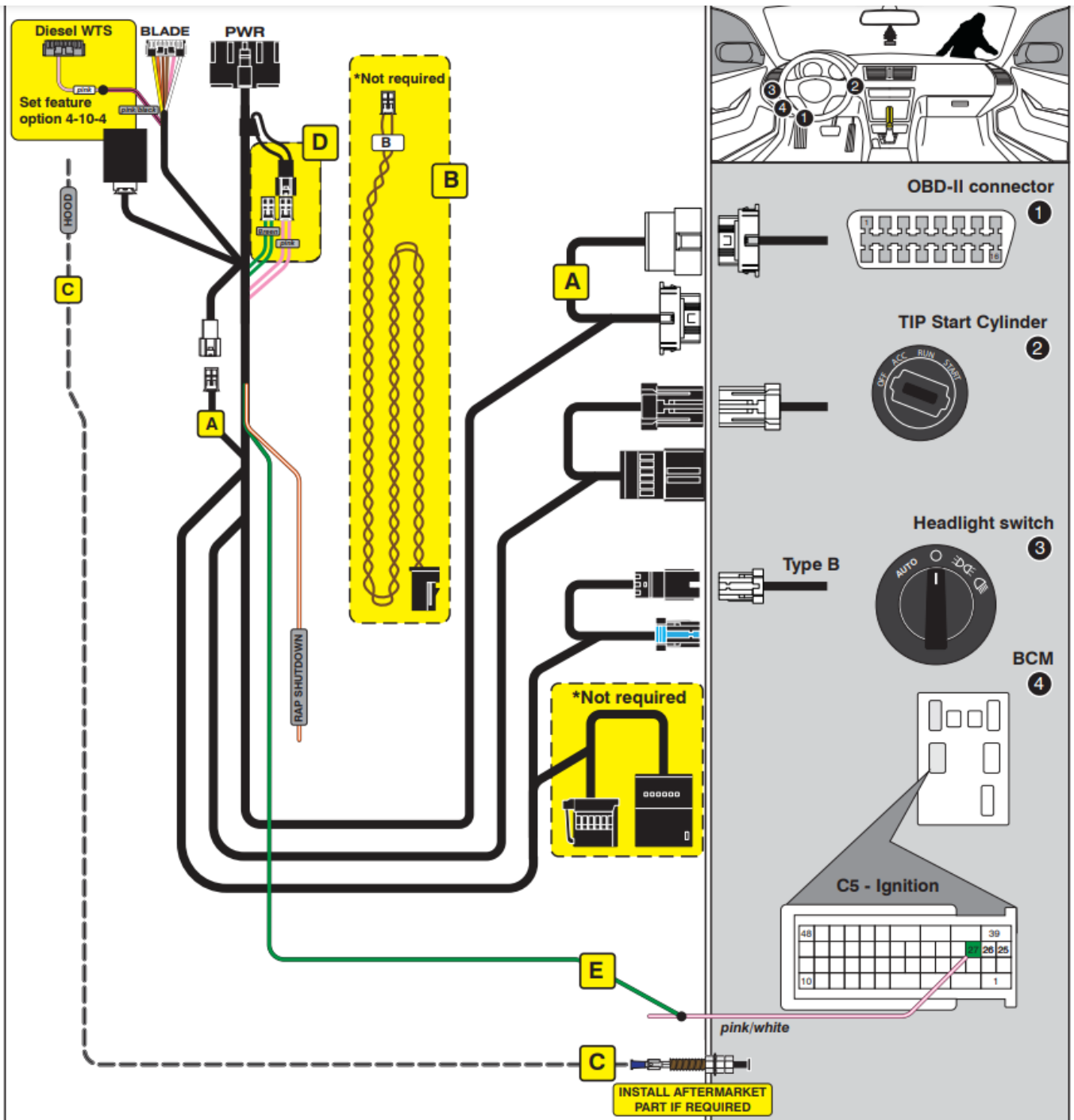
CM-900S/900AS

CM900AS/900S Jumper



START
ACC
IGN1

FTI-CDP1 – DL-CH8 – Type 1 2013-17 RAM 3500 TIP Start Diesel

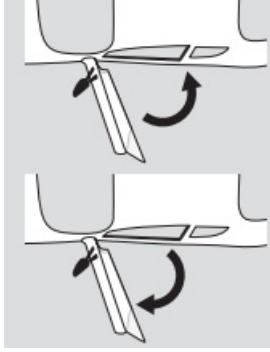


LED Programming Error Codes

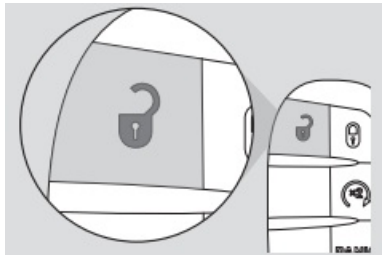
- Module LED flashing RED during programming
- 1x – CAN Error, check CAN wiring and voltages
- 2x – Key code not learned, confirm unlock sent, check CAN
- 3x – No immobilizer data, check immo data connection
- 4x – No IGN, check IGN connection
- 5x – VIN not found, check CAN connections
- 6x – No immobilizer 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

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



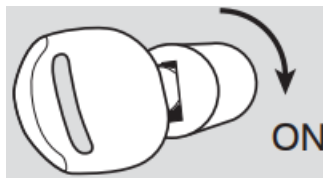
2. Press UNLOCK on OEM remote. If the vehicle is not equipped with an OEM remote, press the module programming button



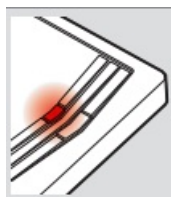
3. Wait, LED will flash BLUE once [1x].



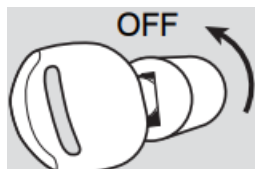
4. Turn key to ON position.



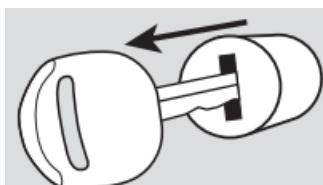
5. Wait, LED will turn solid RED.



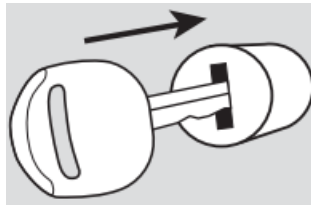
6. Turn key to OFF position.



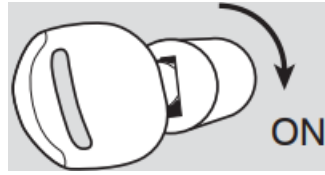
7. Remove key.



8. Insert key into ignition.



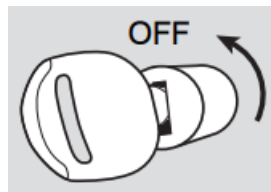
9. Turn key to ON position.



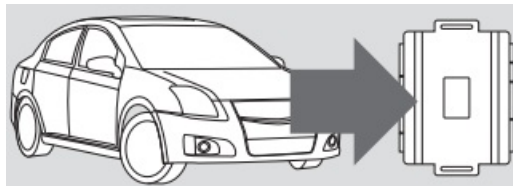
10. Wait, LED will flash BLUE.



11. Turn key to OFF position.



12. WARNING: Disconnect power last. Disconnect RS from vehicle.



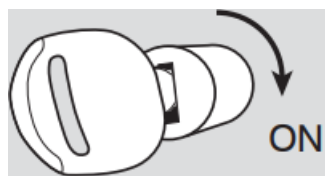
13. Connect RS to computer and proceed with extended programming.



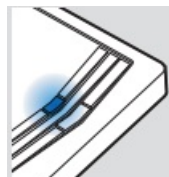
14. WARNING: Do not press RS programming button. Connect power first. Connect RS to vehicle



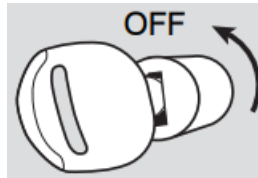
15. Turn key to ON position.



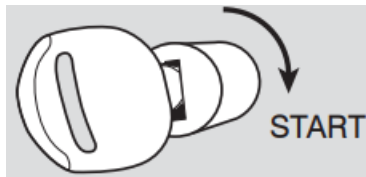
16. Wait, LED will turn solid BLUE for 2 seconds.



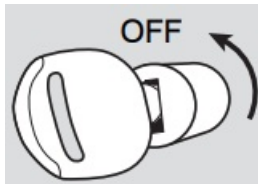
17. Turn key to OFF position



18. Turn key to START position.



19. Turn key to OFF position



20. Module Programming Procedure completed.

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 – TO THE VEHICLE OWNER

NOTE

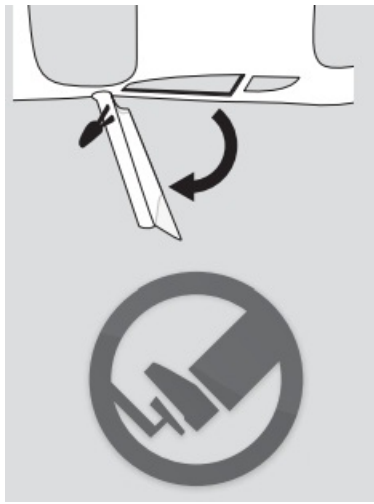
I All vehicle doors must be closed and locked prior to remote start sequence

TIME RESTRICTION COMING UP !

1. Press UNLOCK on after-market remote.



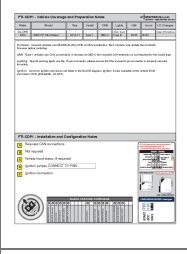
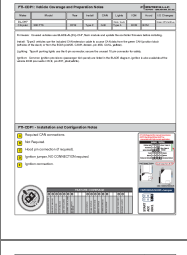
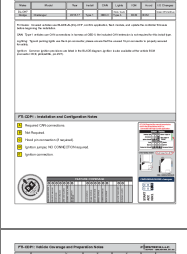
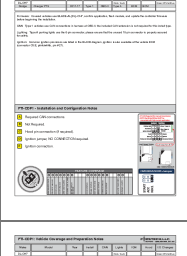
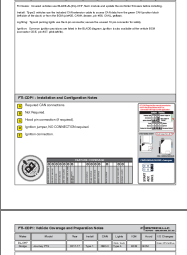
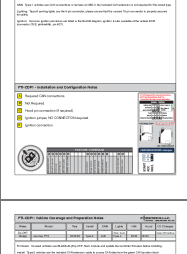
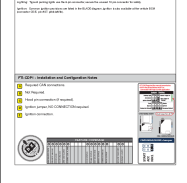
2. TIME RESTRICTION Within 45 SECONDS from previous step: Open vehicle door. Enter vehicle. Close vehicle door. Insert key into ignition. Turn key to ON position. Press and release BRAKE pedal.



3. Take over procedure completed.

- **Failure to follow procedure within time restriction will result in vehicle engine shutdown**
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Documents / Resources

	<p>Firstech FTI-CDP1 Remote Start T Harness [pdf] User Guide FTI-CDP1 Remote Start T Harness, FTI-CDP1, Remote Start T Harness, Start T Harness, T Ha rness</p>
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References

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