

my**FIRSTE**CH

FTI-TLP3 Remote
Start T-Harness



myFIRSTECH FTI-TLP3 Remote Start T-Harness Instructions

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FTI-TLP3: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	ECU	Lights	DCM	Trunk/ Hatch	I/O Changes
DL-TL7 Toyota	4Runner PTS AT without Steering Lock Connector	2022-24	Type 3x	DKP	Park / Auto Yes	Pink (19)	No	Green White/Blue X

This installation requires BLADE-AL(DL)-TL7 firmware, flash module and update controller before beginning the installation.

- **Install Type 3X:** Harness modification and DCM interface required for the 2022 4Runner without SLC (Steering Lock Connector). Remove the female housing of the SLC connector at the 'Y' of the SLC harness extension, ensure that none of the cut wires are shorting together, insulate and secure. Connect harness red to 12V (pin 8) & pink to IGN (pin 2) of the white 32-pin connector of the Main Body ECU, as illustrated. Connect harness black to chassis ground, harness green/red and the remaining white wires are not connected, insulate and secure for safety.
- **CAN:** Vehicle CAN data is gathered through the 30-pin connection at the Main Body ECU, no other connections are required.
- **DCM Interface:** Type 3x Install requires interrupting power to the vehicle telematics module using the white/black & white/red BLADE connector relay wires, included in the FTI-TLP3 harness assembly. Connect as illustrated.
- **Lights:** Parking light and auto-light control are handled using the pre-terminated green/white wire bundled with the BLADE connector. Remove the (-) pk light wire from the controllers gray I/O connector and replace with the one specified, for status and diagnostic reporting.

- **Locks:** This installation type requires additional connections to the vehicle door locks to ensure proper synchronization with the OEM remotes. The 6-pin lock connector is required for correct operation. Connect to the control module lock output port.

Idle Mode is not a supported feature of the FTI-TLP3 Harness: The Idle Mode feature which allows the user to exit a running has been excluded from the FTI-TLP3 harness wiring. If this feature is desired, please refer to the full BLADE installation diagram for the applicable wiring and make the required connection to the vehicle PTS button.

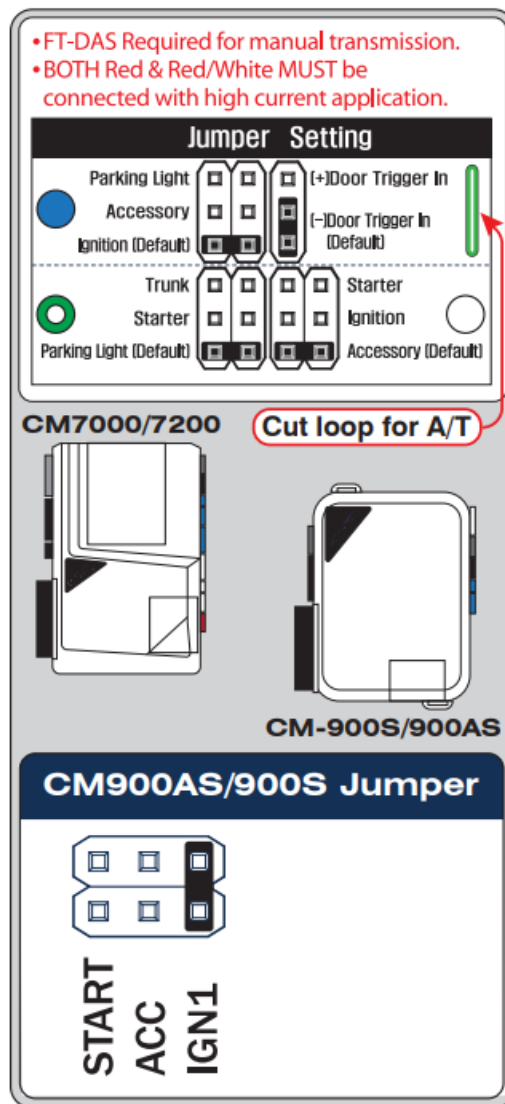
Specifications

- **Make:** DL-TL7 Toyota
- **Model:** 4Runner PTS AT without Steering Lock Connector
- **Year:** 2022-24
- **Install Type:** 3x
- **ECU:** DKP
- **Lights:** DCM
 - Park/Auto: Yes
 - Pink (19)
- **Trunk/Hatch:** No
- **I/O Changes:** Green White/Blue

HARNESS MODIFICATION REQUIRED

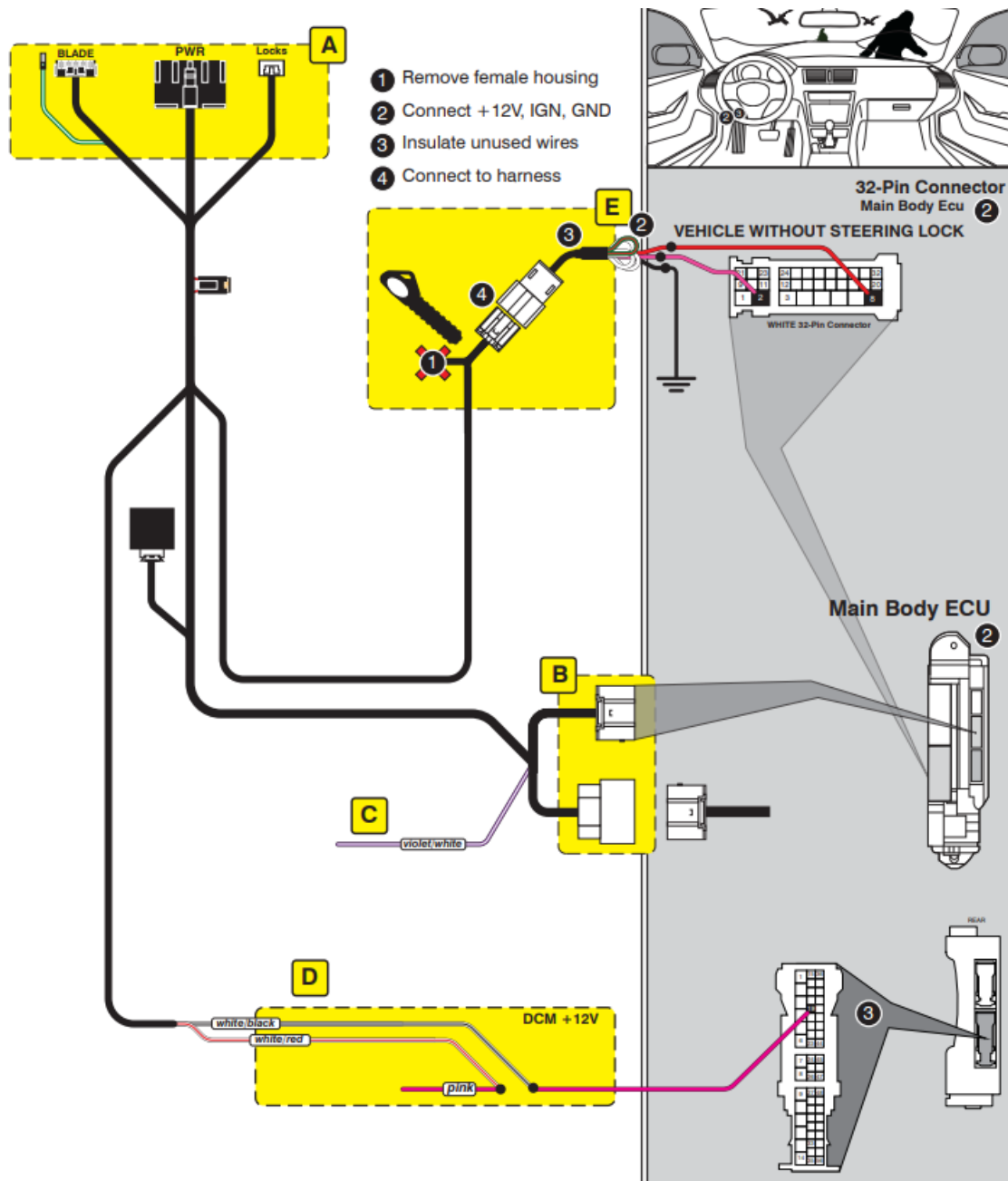
TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR

- CONNECTION REQUIRED
- CONNECTIONS REQUIRED
- OPTIONAL CONNECTION
- CONNECTION REQUIRED
- CONNECTION REQUIRED



FEATURE COVERAGE																
IMMOBILIZER DATA																
3X LOCK START																
PTS CONTROL																
ARM OEM ALARM																
DISARM OEM ALARM																
A/M CONTROL FROM OEM REMOTES																
A/M RS CONTROL FROM OEM REMOTE																
PRIORITY UNLOCK																
DOOR LOCK																
DOOR UNLOCK																
TRUNK/HATCH RELEASE																
DOOR STATUS																
TRUNK STATUS																
HOOD STATUS																
TACH OUTPUT																
BRAKE STATUS																
E-BRAKE STATUS																
PARKING LIGHTS																
AUTOLIGHT CONTROL																

FTI-TLP3 – DL-TL7 – Type 3x 2022-24 Toyota 4Runner PTS AT w/o SLC



LED Programming Error Codes:

- **1x:** CAN error, confirm harness configuration
- **2x:** No IGN, confirm IGN power and harness configuration
- **3x:** IMMO/CAN error, confirm harness configuration
- **4x:** No VIN, module may default to base platform #2
- **5x:** Unknown VIN, module may default to base platform #2
- **6x:** OEM starter detected, cycle IGN, if issue persists

TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR

Pre-Installation Steps:

Before beginning the installation, ensure you have the BLADE-AL(DL)-TL7 firmware, flash module, and update controller ready.

CAN Data Connection:

Connect the Vehicle CAN data through the 30-pin connection at the Main Body ECU; no other connections are needed.

DCM Interface Connection:

Type 3x Install requires interrupting power to the vehicle telematics module using the white/black & white/red BLADE connector relay wires. Connect as illustrated in the manual.

Lights Connection:

Handle parking light and auto-light control using the pre-terminated green/white wire bundled with the BLADE connector. Replace the (-) pk light wire from the controllers gray I/O connector as specified.

Locks Connection:

Additional connections to the vehicle door locks are required for proper synchronization with OEM remotes. Use the 6-pin lock connector for correct operation connected to the control module lock output port.

Harness Modification Note:

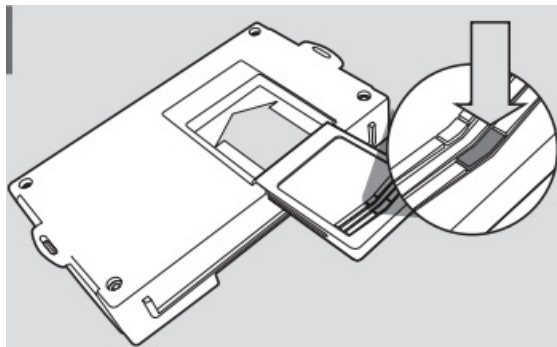
The FTI-TLP3 Harness does not support the Idle Mode feature. For this feature, refer to the full BLADE installation diagram for appropriate wiring.

Takeover Not Supported:

The vehicle will shut down upon opening the driver's door; ensure this is acknowledged before proceeding.

CARTRIDGE INSTALLATION

1. Slide cartridge into unit. Notice button under LED.

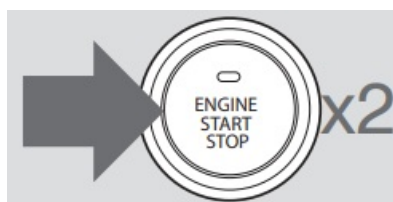


2. Ready for Module Programming Procedure.

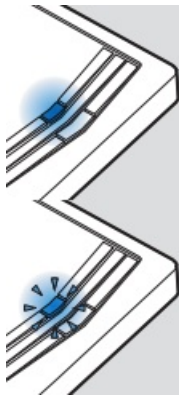
MODULE PROGRAMMING PROCEDURE**NOTE**

- IMPORTANT: The hood must be closed.

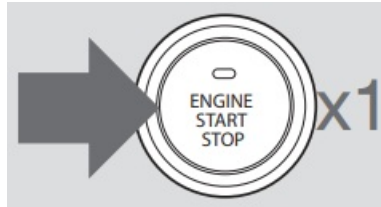
1. Push start button twice [2x] to ON position.



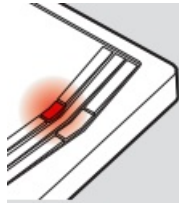
2. Wait, if LED turns solid BLUE for 2 seconds, proceed to step 7. If LED flashes BLUE rapidly, proceed to step 3.



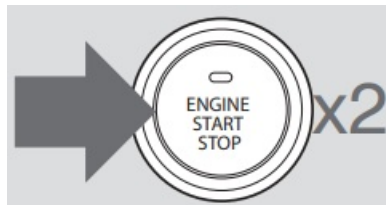
3. Push start button once [1x] to OFF position.



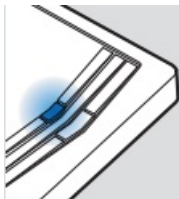
4. Wait, LED will turn solid RED. (This may take up to 5 minutes.)



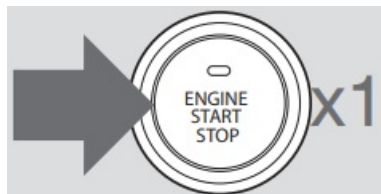
5. Push start button twice [2x] to ON position.



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



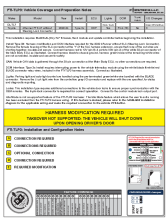
7. Push start button once [1x] to OFF position.



8. Module Programming Procedure completed.

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Documents / Resources



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FTI-TLP3, FTI-TLP3 Remote Start T-Harness, Remote Start T-Harness, Start T-Harness, T-Harness

References

- [ⓘ iDatalink - Home](#)
- [User Manual](#)

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