FTI-TLP3: Vehicle Coverage and Preparation Notes



| Make | Model | Year | Install | ECU | Lights | DCM | Trunk/ Hatch | I/O Changes | |
|--------|----------------------|---------|---------|-----|-------------|-----------|-----------------|------------------|--|
| DL-TL7 | | | | | Park / Auto | | | Green White/Blue | |
| Toyota | 4Runner PTS AT w/SLC | 2022-24 | Type 1x | DKP | Yes | Pink (19) | No | Χ | |
| | | | | | | | | | |

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

Install Type 1X: Main Body ECU, driver side kick panel area, optional trunk/hatch connection, DCM interface required.

CAN: Vehicle CAN data is gathered through the 30-pin connection at the Main Body ECU, no other connections are required.

DCM Interface: Type 1x 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.

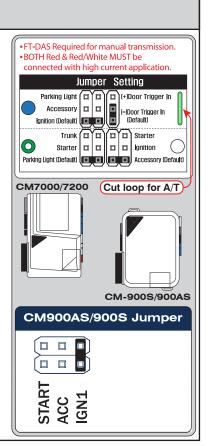
TAKEOVER NOT SUPPORTED: THE VEHICLE WILL SHUT DOWN UPON OPENING DRIVER'S DOOR

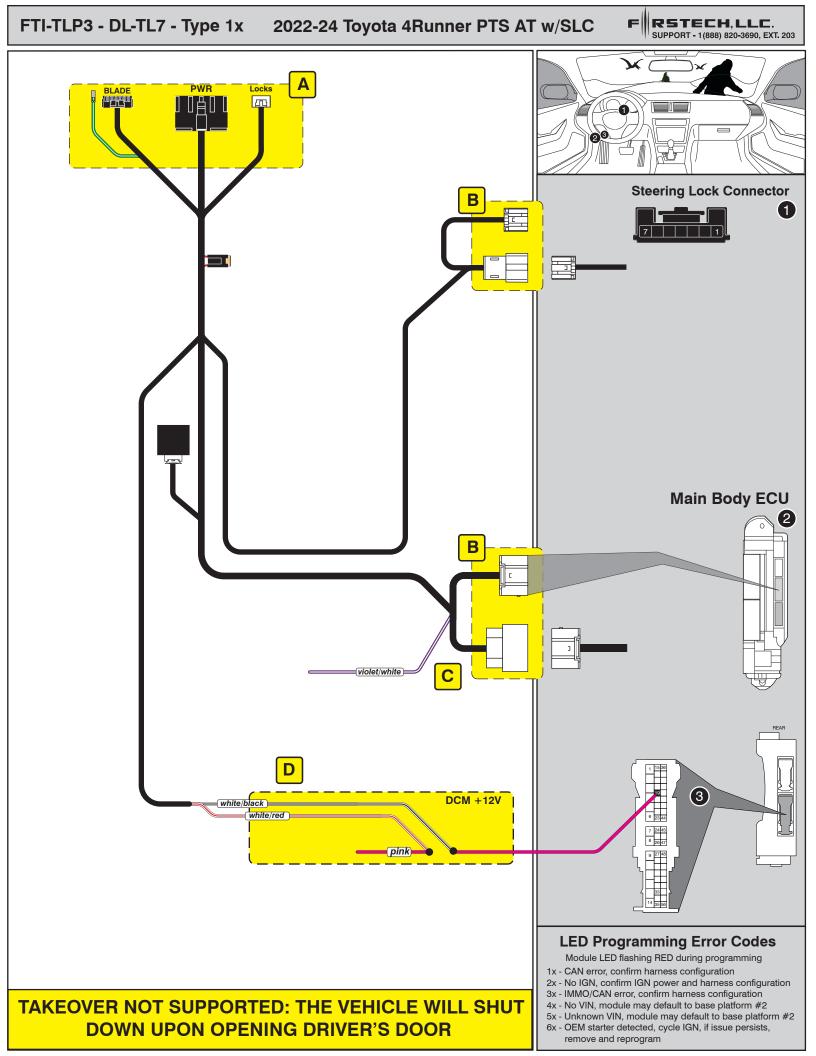
FTI-TLP3: Installation and Configuration Notes

- A CONNECTION REQUIRED
- **B** CONNECTIONS REQUIRED
- C OPTIONAL CONNECTION
- D CONNECTION REQUIRED



| FEATURE COVERAGE | | | | | | | | | | | | | | | | | | | | | |
|------------------|------------------|---------------|-------------|---------------|------------------|---------------------------------|-----------------------------------|-----------------|-----------|-------------|------------------------|-------------|--------------|-------------|-------------|--------------|----------------|----------------|----------------------|--|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 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 | гасн оитрит | BRAKE STATUS | E-BRAKE STATUS | PARKING LIGHTS | AUTOLIGHT CONTROL | | |





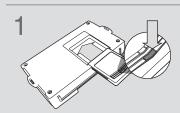


ALL IN ONE LEXUS/TOYO

Patent No. US 8,856,780 CA 2759622

Page 86 of 87 COM-BLADE-AL(DL)-TL7-EN Doc. No.: ##75340## 20210414

CARTRIDGE INSTALLATION



Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE

I IMPORTANT: The hood must be closed.

1 PRINT STOP X2

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

2

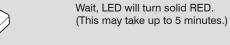
Wait, if LED turns solid BLUE for 2 seconds, proceed to step 7.

If LED flashes BLUE rapidly, proceed to step 3.

3 ENGINE START STOP

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

4



5 ENGINE START STOP X2

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

6

Wait, LED will turn solid BLUE for 2 seconds.

7 STAP STAP X1

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

8

Module Programming Procedure completed.