FTI-TLP3: Vehicle Coverage and Preparation Notes

FIRSTECH, LLC.
SUPPORT - 1(888) 820-3690, EXT. 203

Make	Model	Year	Install	ECU	Lights	DCM	Trunk/ Hatch	I/O Changes
DL-TL7					Park / Auto			Green White/Blue
Lexus	RX350 PTS AT	2020-22	Type 3	DKP	Yes	Yellow (33)	Red (5)	X

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

Install Type 3: 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 3 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

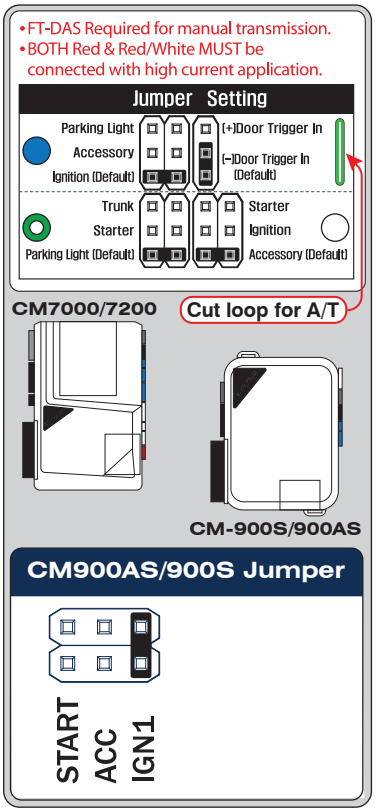
FTI-TLP3: Installation and Configuration Notes

A CONNECTION REQUIRED

B CONNECTIONS REQUIRED

C OPTIONAL CONNECTION

D CONNECTION REQUIRED



FEATURE COVERAGE

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 1s 2020-22 Lexus RX350 PTS AT

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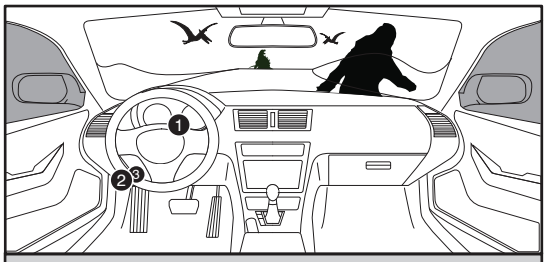
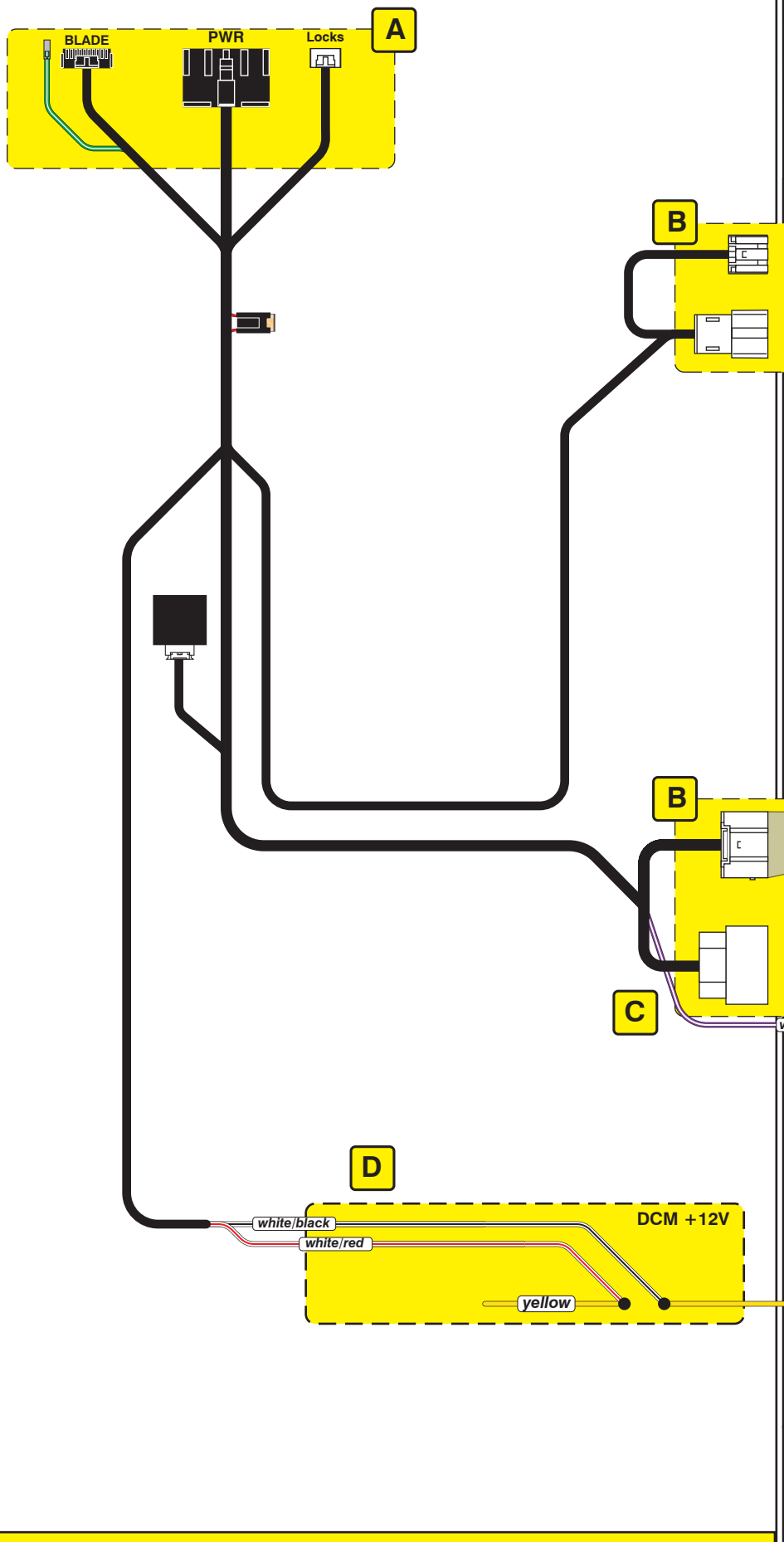


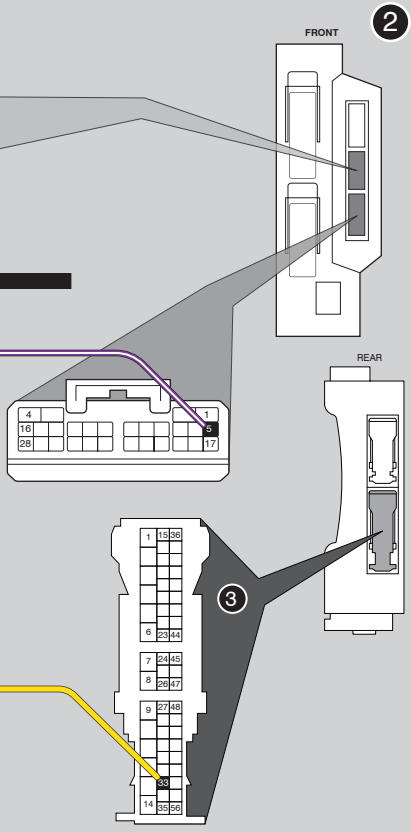


Steering Lock Connector

1

Main Body ECU

2



LED Programming Error Codes

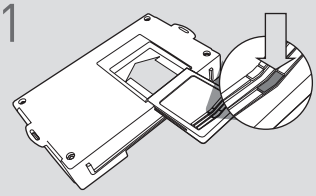
Module LED flashing RED during programming

- 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, remove and reprogram

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

CARTRIDGE INSTALLATION

1



Slide cartridge into unit. Notice button under LED.

2

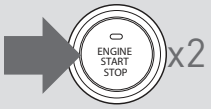
Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE

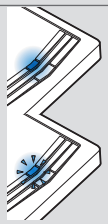
I IMPORTANT: The hood must be closed.

1



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

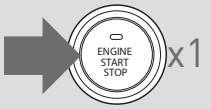
2



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

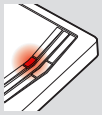
If LED flashes BLUE rapidly, proceed to step 3.

3



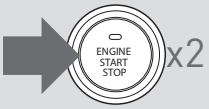
Push start button once [1x] to OFF position.

4



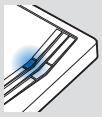
Wait, LED will turn solid RED. (This may take up to 5 minutes.)

5



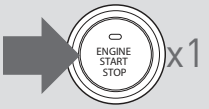
Push start button twice [2x] to ON position.

6



Wait, LED will turn solid BLUE for 2 seconds.

7



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

8

Module Programming Procedure completed.