FTI-TLP4: Vehicle Coverage and Preparation Notes

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

Make	Model	Year	Install	ECU	Lights	Locks	Trunk/ Hatch	I/O Changes
DL-TL6					**Park / Auto**			**Green White/Blue**
Lexus	GS 450h PTS AT	2013-15	Type 2	1/DKP	Yes	Mod/DDM	Yellow (8)	X

This installation requires **BLADE-AL(DL)-TL6** firmware, flash module and update controller before beginning the installation.

Install Type 2: Main Body ECU, driver side kick panel area, optional trunk/hatch connection, lock modification optional, see notes.

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

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 controller's **gray** I/O connector and replace it with the one specified, for status and diagnostic reporting.

Locks: This install requires additional connections to the driver door module (DDM) ensuring proper synchronization with the OEM remotes. ***The 6-pin connector must be modified as illustrated, and wires extended to the DDM for correct operation***.

Idle Mode is not a supported feature of the FTI-TLP4 Harness: The Idle Mode feature which allows the user to exit a running has been excluded from the FTI-TLP4 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-TLP4: Installation and Configuration Notes

A REQUIRED CONNECTIONS

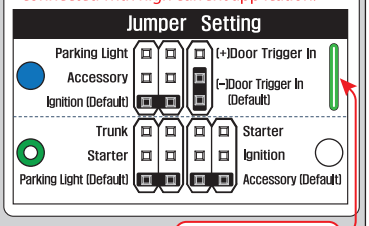
B REQUIRED CONNECTIONS

C OPTIONAL CONNECTION

D REQUIRED CONFIGURATION

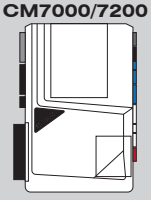
E MODIFICATION REQUIRED

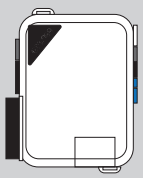
- FT-DAS Required for manual transmission.
- BOTH Red & Red/White MUST be connected with high current application.



CM7000/7200

Cut loop for A/T





CM-900S/900AS

CM900AS/900S Jumper

FEATURE COVERAGE

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

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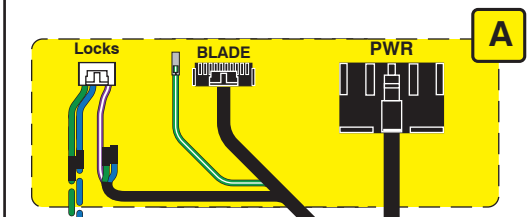
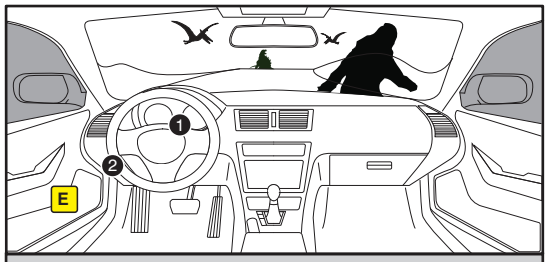




E

TLP4

B

Steering Lock Connector

1

D

Main Body ECU

2

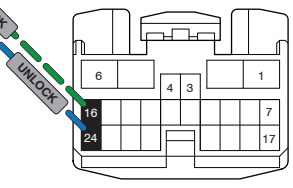
B

violet/white

C

E Door Lock Connections

Driver's Door module



OPTIONAL CONNECTIONS:
If connected, OEM and aftermarket remotes will always be synchronized.

If not connected, user must lock vehicle doors using OEM remote or door request switch after operating vehicle, every time.

For more information, read "Warning: Door Lock Synchronization", in the BLADE install document.

LED Programming Error Codes

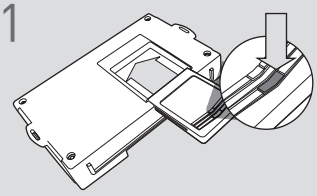
Module LED flashing RED during programming

1x - No CAN detected, check connections
2x - VIN not read, check connections
3x - VIN unknown, force platform
4x - No IMMO
5x - OEM remote starter detected, remove
6x - Key platform detected, check connections
7x - No RX detected, check connections
8x - No TX detected, check connections

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

Patent No. US 8,856,780 CA 2759622

CARTRIDGE INSTALLATION

1 

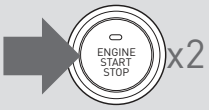
Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

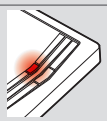
MODULE PROGRAMMING PROCEDURE

NOTE

I Between each step, LED will turn solid RED, this is the default standby mode.

1 

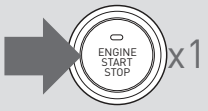
Push start button twice [2x] to ON position.

2 

LED will turn solid RED.

3 

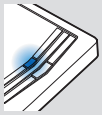
Within 5 seconds, LED will flash BLUE rapidly.

4 

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

5 

Press unlock button once [1x] on OEM keyfob.

6 

Wait, LED will turn solid BLUE for 2 seconds.

7 Module Programming Procedure completed.

TAKEOVER NOT AVAILABLE

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