

FTI-TLP1 Type 2C - Vehicle Coverage & Preparation Notes

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

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-TL6 Lexus	ES300h PTS	2013-15	Type 2C	OBD-II	Park / Auto <i>orange</i>		<i>red (5)</i>	Green White/Blue

Notes:

Firmware: BLADE-AL(DL)-TL2, flash module and update starter before installation

Install: Type 2C vehicles require use of DL-TL6 firmware and connections marked TL6 (BLADE, Pk Light, and intermediate harness configuration connector), using any other connections labeled TL2 or TL7 will result in malfunction.

CAN: The TLP1 harness has multiple configuration options for sourcing vehicle CAN data, this install type requires connection to the CAN source labeled OBD. Do not use the connector labeled BCM.

Lights: Parking lights and auto-light handling require connection of the *orange* wire, labeled TL2/TL6 PK LIGHT, to the controller output for status and diagnostic reporting.

ES350h: Trunk release in the Lexus ES350 requires a direct connection to the 28-pin BECU connector, vehicle wire is *red*, pin #5. The ES350h also requires use of the harness lock connector to ensure proper synchronization.

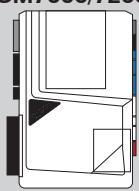

PTS Button: Idle Mode, a feature which allows the user to exit a running vehicle and enable shutdown control and monitoring by the remote starter, requires a connection to the vehicle PTS button. If this feature is not desired, no connection is made.

No Takeover: TL6 firmware operation does not provide secure takeover, the vehicle will shut down upon opening driver's door.

•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"/>	(+)Door Trigger In
Accessory	<input type="checkbox"/>	<input type="checkbox"/>	(-)Door Trigger In (Default)
Ignition (Default)	<input type="checkbox"/>	<input type="checkbox"/>	
Trunk	<input type="checkbox"/>	<input type="checkbox"/>	Starter
Starter	<input type="checkbox"/>	<input type="checkbox"/>	Ignition
Parking Light (Default)	<input type="checkbox"/>	<input type="checkbox"/>	Accessory (Default)

CM7000/7200 Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper

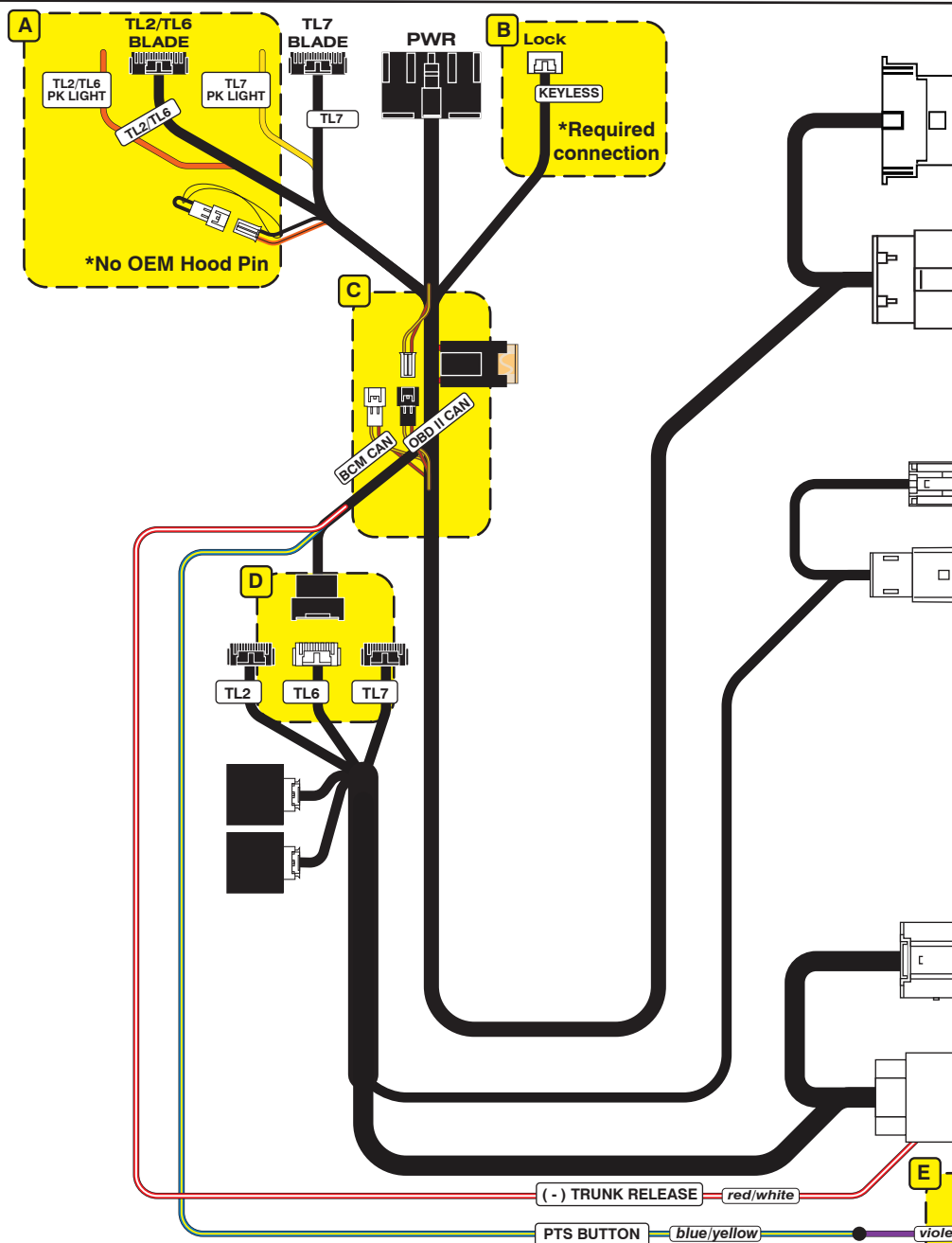


START
ACC
IGN1



FTI-TLP1 Type 2C - Installation Notes & Wiring Diagram

- A** Type 2C install requires using the BLADE and PK LIGHT connections marked TL2/TL6, secure unused TL7 connections. If vehicle is not equipped with an immobilizer, connect jumper before programming.
- B** In the Type 2C installation, the CM lock connector is a required connection, necessary to maintain proper synchronization of the factory lock system.
- C** This install sources CAN data from the vehicle OBD-II connector, use the connector marked OBD and secure the unused BCM connector for safety.
- D** Type 2C installation uses BLADE-AL(DL)-TL6 firmware and the intermediate configuration jumper marked TL6, using any other jumper will result in malfunction. Secure unused connectors for safety.
- E** PTS connection is required for IDLE MODE (allows user to exit running vehicle, enabling shutdown control and monitoring by the remote starter), connection is not required if this feature is not desired.



No Takeover: TL6 firmware operation does not provide secure takeover, the vehicle will shut down upon opening driver's door.

Module Programming Procedure

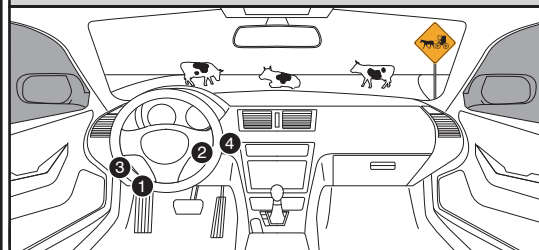
- Step 1 - Close & open driver door
- Step 2 - Activate IGN, module LED goes red, then rapid blue flash
- Step 3 - Deactivate IGN
- Step 4 - Press unlock button on OEM keyfob
- Step 5 - Module LED goes solid blue, programming complete

LED Programming Error Codes

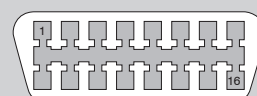
Module LED flashing RED during programming

- 1x - CAN error, confirm harness configuration
- 2x - VIN detection error, confirm harness configuration
- 3x - VIN unknown, contact support for assistance
- 4x - IMMO learn error, confirm guide matches install
- 5x - Vehicle equipped with OEM starter
- 6x - Wrong key platform or starter detected
- 7x - RX error, check connections
- 8x - TX error, check connections

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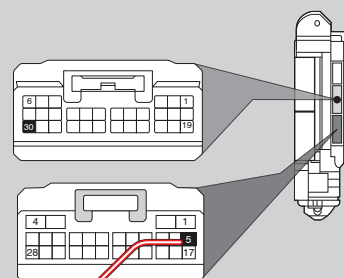
OBD-II Connector



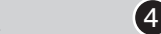
Steering Lock Connector



Main Body ECU



PTS Button



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