

FTI-TLP4: Vehicle Coverage and Preparation Notes

Make	Model	Year	Install	ECU	Lights	Locks	Trunk/Hatch	I/O Changes
DL-TL6 Toyota	Corolla PTS MT	2014-16	Type 5	4/BFB	Park / Auto Yes	No	No	Green White/Blue Add START Green (2)

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

Install Type 5: Main Body ECU, driver side dash, below the fuse box, trunk release and door lock connections not required.
Additional wiring required for clutch circuit bypass in vehicles equipped with a manual transmission.

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

Clutch: Type 5 Install requires inserting the pre-terminated yellow starter wire into position #6 (starter out) of the CN1 connector and connecting to the vehicle clutch circuit, **green**, position #2 at the clutch switch. **Position terminal 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 controller's **gray** I/O connector and replace it with the one specified, for status and diagnostic reporting.

Locks: This install does not require any additional connections to control the vehicle door locks.
The 6-pin lock output connector is not required, do not connect to the controller's lock output port.

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 NOT REQUIRED
- D REQUIRED CONFIGURATION
- E REQUIRED CONNECTION



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								

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

Jumper Setting

Parking Light Accessory Ignition (Default)

(+)Door Trigger In (-)Door Trigger In (Default)

Trunk Starter Starter Ignition Parking Light (Default) Accessory (Default)

CM7000/7200 Cut loop for A/T

CM-900S/900AS

CM900AS/900S Jumper

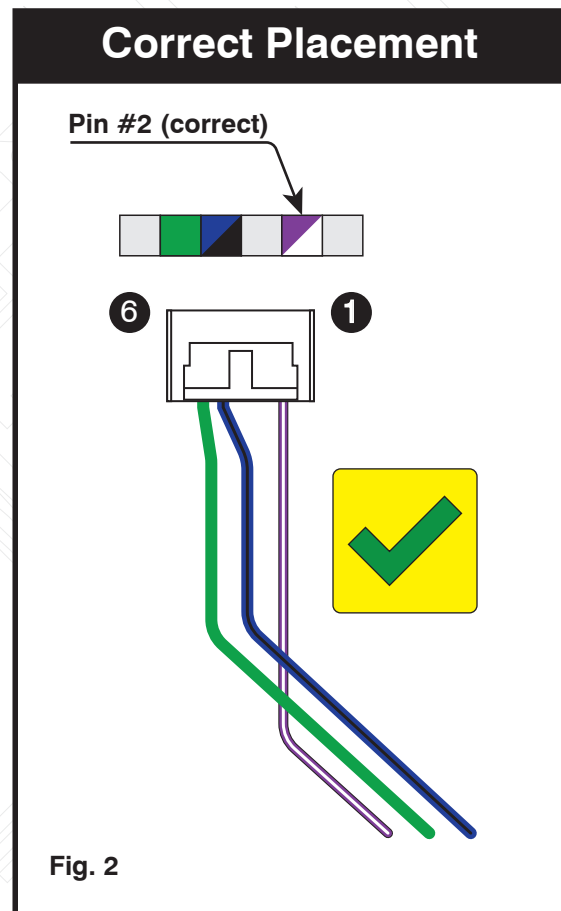
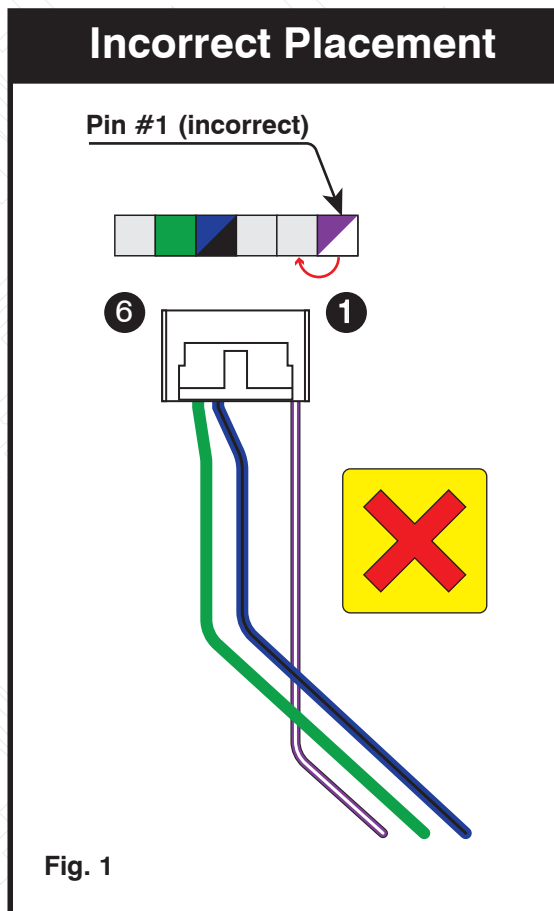
START
ACC
IGN1

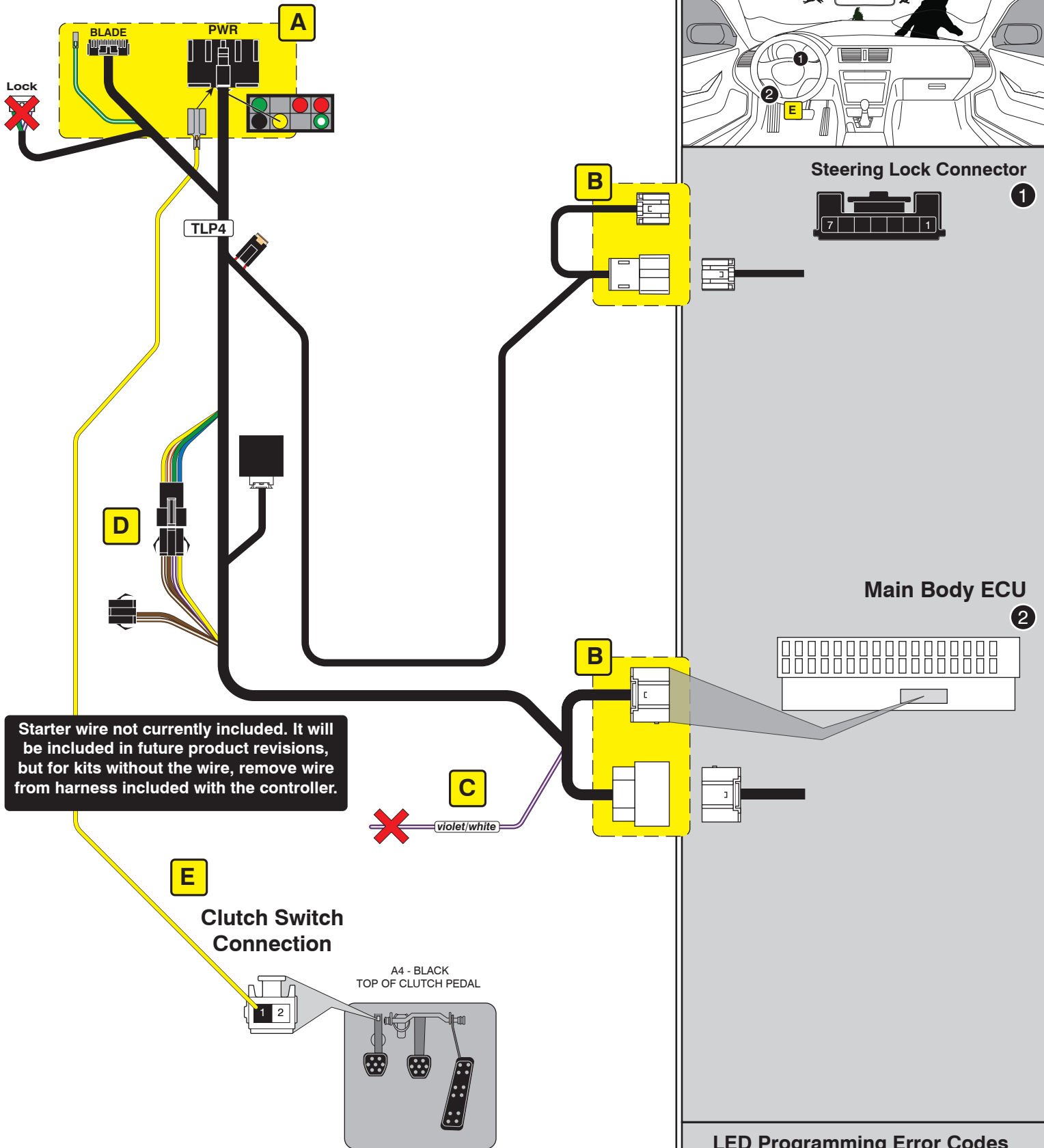
Overview: Mis-Wired door lock connector, field repair required.

Issue: A review of the latest samples of **FTI-TLP4 T-harnesses** has revealed a misplaced trunk output wire in the 6-pin Lock Accessory Connector requiring that the wire be relocated to the correct position, to ensure safe operation when used. **Using the harness without addressing the issue will result in failed trunk/hatch control, and possible damage to the vehicle BCM.**

Correction: The harness purple/white wire in the latest production run of FTI-TLP4 harnesses has been inserted in the position normally used for the +12V power connection in the accessory harness. Before completing the installation, the installer must relocate the harness purple/white wire to the correct position, 1 space inward on the 6-pin connector, see illustrations below in Fig. 2.

To relocate the terminal, using a fine pick or Olfa type knife, depress the terminal locking barb and pull the purple/white wire from the connector housing. Once the terminal has been removed from the housing, again using the pick or knife, lift the locking barb about 1/16" (1.5 mm) and reinsert the terminal in the correct position. If upon initial examination of the harness the lock accessory connector looks like the illustration in Fig. 2, no modification is necessary, the wire is in the proper position.





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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

CARTRIDGE INSTALLATION



1 Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

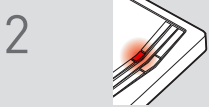
MODULE PROGRAMMING PROCEDURE

NOTE

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



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



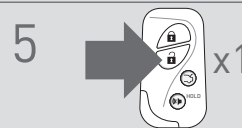
2 LED will turn solid RED.



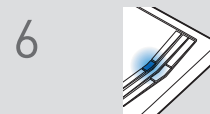
3 Within 5 seconds, LED will flash BLUE rapidly.



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