FTI-TLP2: Vehicle Coverage and Preparation Notes

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

MAKE	MODEL	YEAR	INSTALL	PTS	LIGHTS	STARTER	DCM	I/O CHANGES
DL-TL7					Park / Auto			Green White/Blue
Toyota	Corolla Hatchback PTS MT	2019-21	Type 3	Yes	Type 1	No	No	n/a

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), steering lock connector, PTS and clutch switch connections are required.

CAN: Vehicle CAN data is gathered through connections 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 with the one specified, for status and diagnostic reporting. Connect to the headlight switch connector [B] as illustrated.

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.

Yellow (starter): The starter wire (yellow) connects to the lt. green wire at the clutch switch assembly (top of clutch pedal).

Blue/Yellow (PTS): The PTS wire (blue/yellow) connection is required (required 3x 1A diodes), connect as illustrated.

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

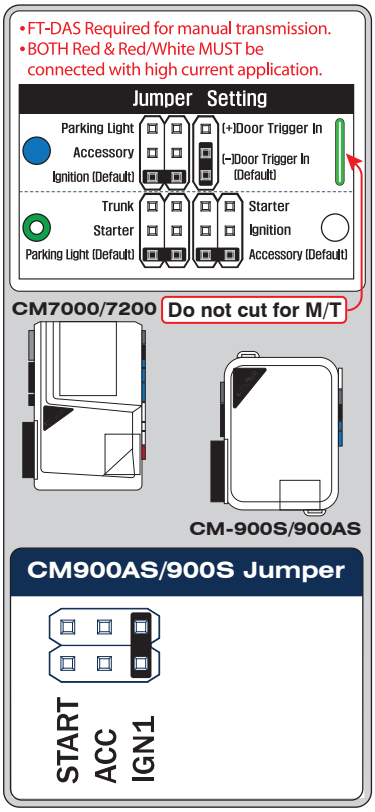
FTI-TLP2: Installation and Configuration Notes

A CONNECTIONS REQUIRED

B CONNECTIONS REQUIRED

C CONNECTIONS REQUIRED

D CONNECTION REQUIRED



FEATURE COVERAGE																						
○	○	○	○	○	○	○	○	○	○	○		○	○	○	○	○	○	○				
IMMOBILIZER DATA	3X LOCK REM START	PTS CONTROL	ARM OEM ALARM	DISARM OEM ALARM	A/M ALARM CTRL FROM OEM REMOTE	A/M RS CONTROL FROM OEM REMOTE	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	TRUNK/HATCH RELEASE	DOOR STATUS OUT	TRUNK STATUS OUT	TACHOMETER OUT	BRAKE STATUS OUT	E-BRAKE STATUS	PARKING LIGHTS	AUTOLIGHT CONTROL				

FTI-TLP2 - DL-TL7 - Type 3 2019-21 Toyota Corolla Hatchback PTS MT

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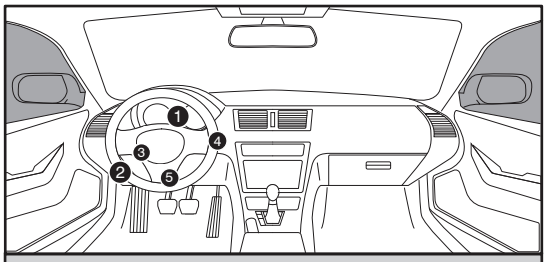
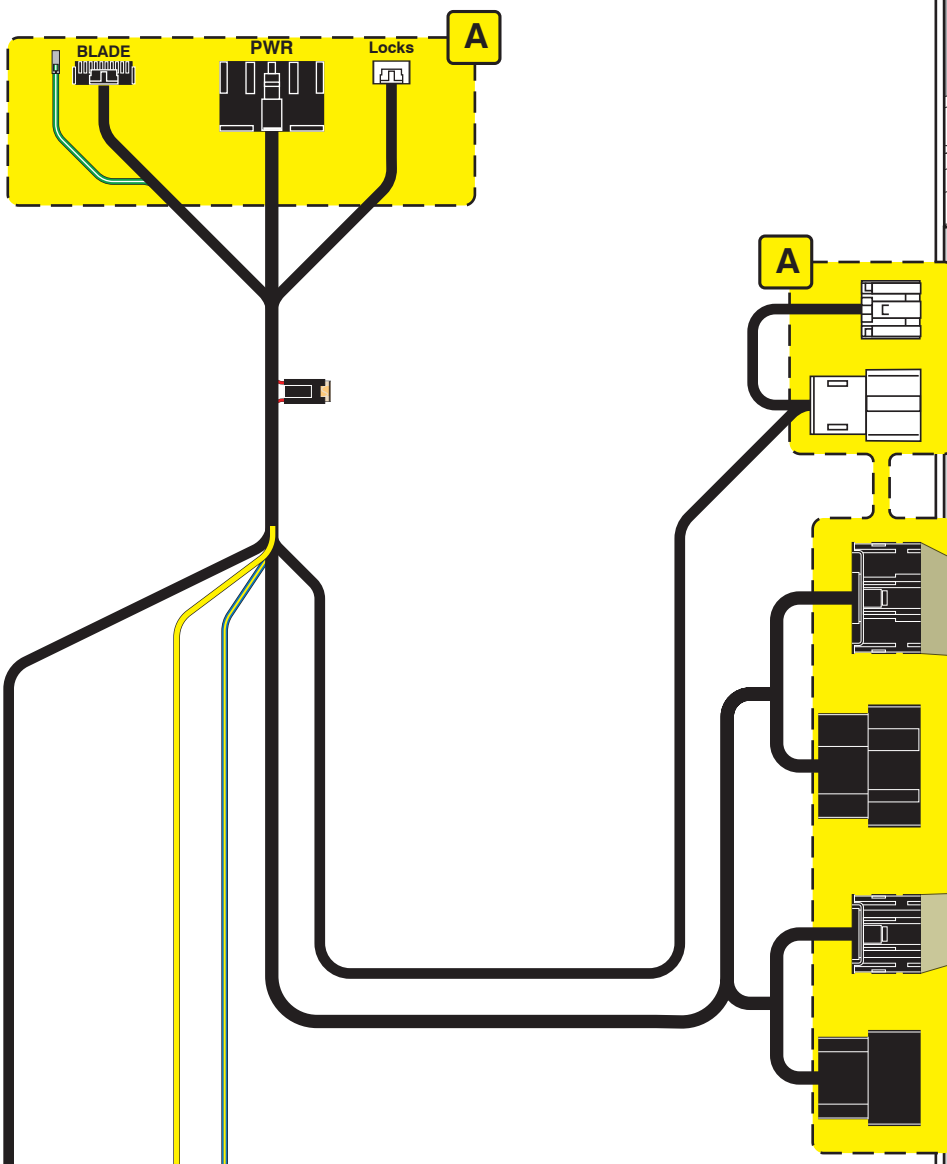




Steering Lock Connector

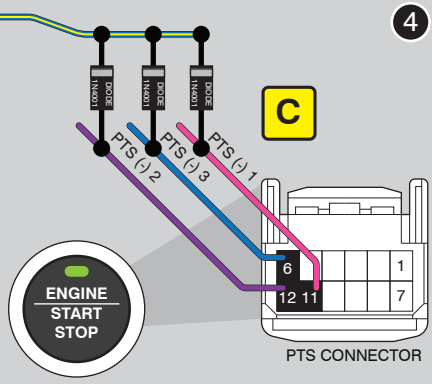
1

Main Body ECU

2

PTS Button

4

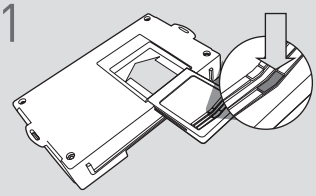


LED Programming Error Codes

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

CARTRIDGE INSTALLATION

1 

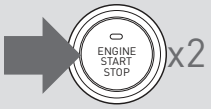
Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

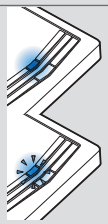
MODULE PROGRAMMING PROCEDURE

NOTE

I IMPORTANT: The hood must be closed.

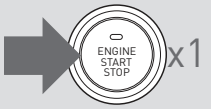
1 

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

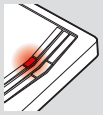
2 

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

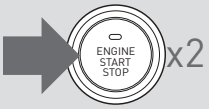
If LED flashes BLUE rapidly, proceed to step 3.

3 

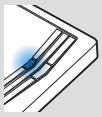
Push start button once [1x] to OFF position.

4 

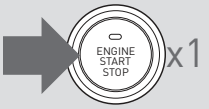
Wait, LED will turn solid RED. (This may take up to 5 minutes.)

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.

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