Make	Model	Year	Install	ECU	Lights	Locks	Trunk/Hatch	I/O Changes
DL-TL6 Toyota	Avalon PTS AT	2016-18	Type 3	3/DKP	**Park / Auto** Yes	No	No	**Green White/Blue** X

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

Install Type 3: Main Body ECU, driver side kick panel area, door lock and trunk release connections not required.

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 does not require any additional connections to the vehicle door locks.
The 6-pin lock 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

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

Jumper Setting

Parking Light		(+)Door Trigger In
Accessory		(–)Door Trigger In [Default]
Ignition [Default]		
Trunk		Starter
Starter		Ignition
Parking Light [Default]		Accessory [Default]

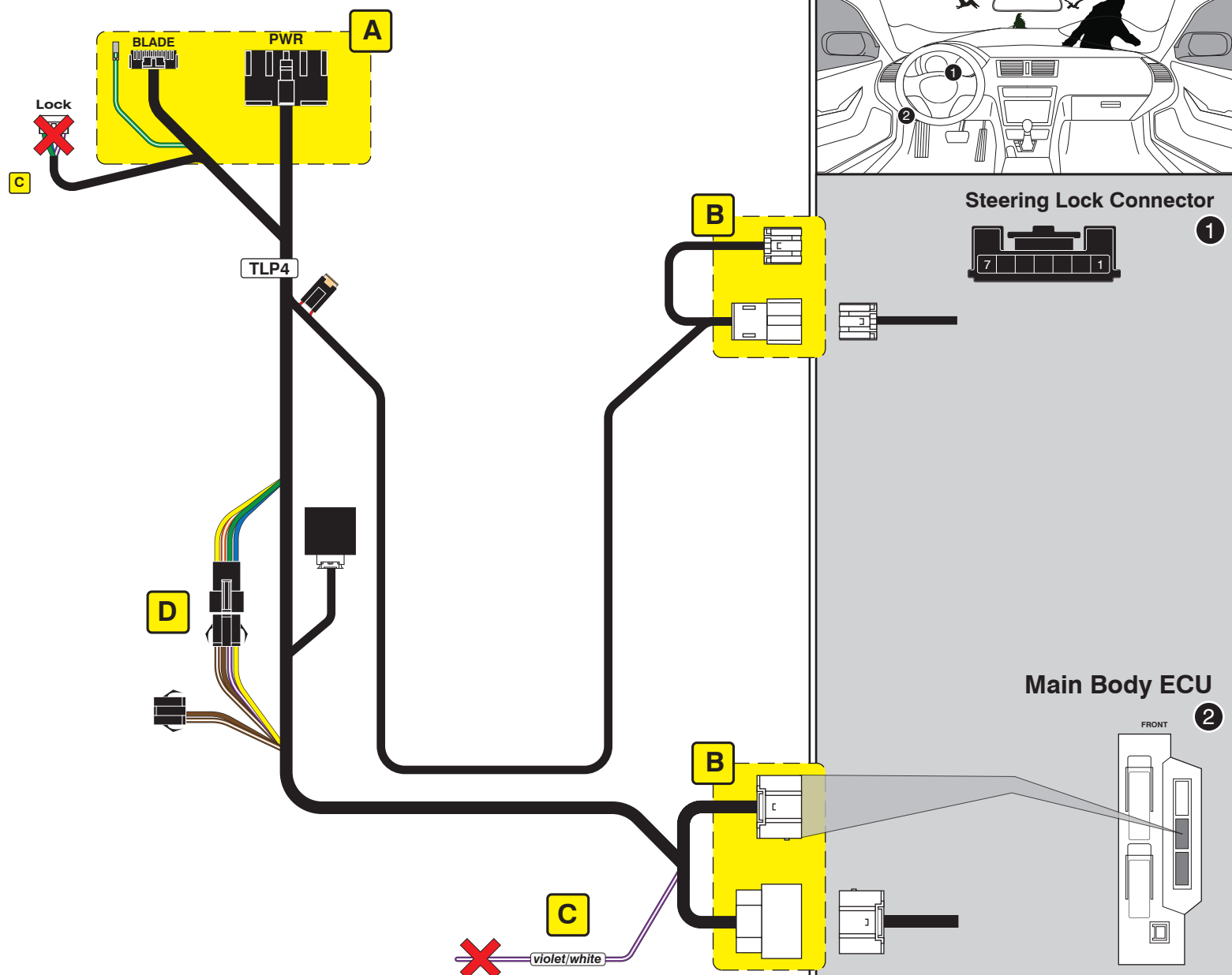CM7000/7200   **Cut loop for A/T**

CM-900S/900AS

CM900AS/900S Jumper

START ACC IGN1

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

BLADE　**PWR**

A

Lock

C

TLP4

B

B

D

C

violet/white

Steering Lock Connector ❶

7 ▮▮▮▮▮▮ 1

Main Body ECU ❷

FRONT

### 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

COM-BLADE-AL(DL)-TL6-EN

Doc. No.: ##75162## 20210407

CARTRIDGE INSTALLATION
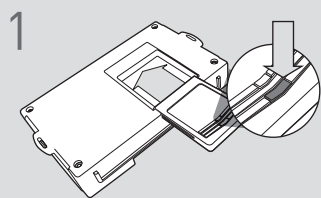
1		Slide cartridge into unit. Notice button under LED.

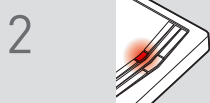| 2	Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE

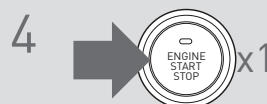I   Between each step, LED will turn solid RED, this is the default standby mode.

1	ENGINE START STOP x2	Push start button twice [2x] to ON position.

2		LED will turn solid RED.
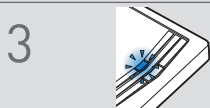
3		Within 5 seconds, LED will flash BLUE rapidly.

4	ENGINE START STOP x1	Push start button once [1x] to OFF position.
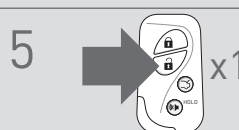
5	x1	Press unlock button once [1x] on OEM keyfob.
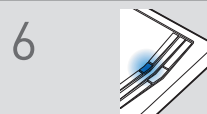
6		Wait, LED will turn solid BLUE for 2 seconds.

7	Module Programming Procedure completed.

TAKEOVER NOT AVAILABLE