

Make	Model	Year	Install	ECU	Lights	Locks	Trunk/Hatch	I/O Changes
DL-TL2 Toyota	Sienna PTS AT	2011-20	Type 1	1/DKP	Park / Auto Yes	No	No	Green White/Blue N/A

This installation requires **BLADE-AL(DL)-TL2** firmware, flash module and update controller before beginning the installation.

Install Type 1: Main Body ECU, driver side kick panel area, no additional connections required, takeover not supported.

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 installation type does not require additional connections to the vehicle or controller for lock handling. **The 6-pin lock connector is not required for this installation.** Secure the unused connector, for safety.

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 CONNECTIONS REQUIRED**
- B CONNECTIONS REQUIRED**
- C OPTIONAL CONNECTION**
- D REQUIRED CONFIGURATION**



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														
AUTO LIGHT CONTROL														

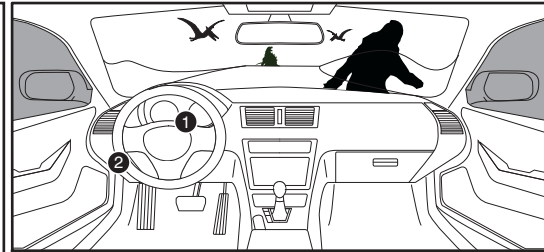
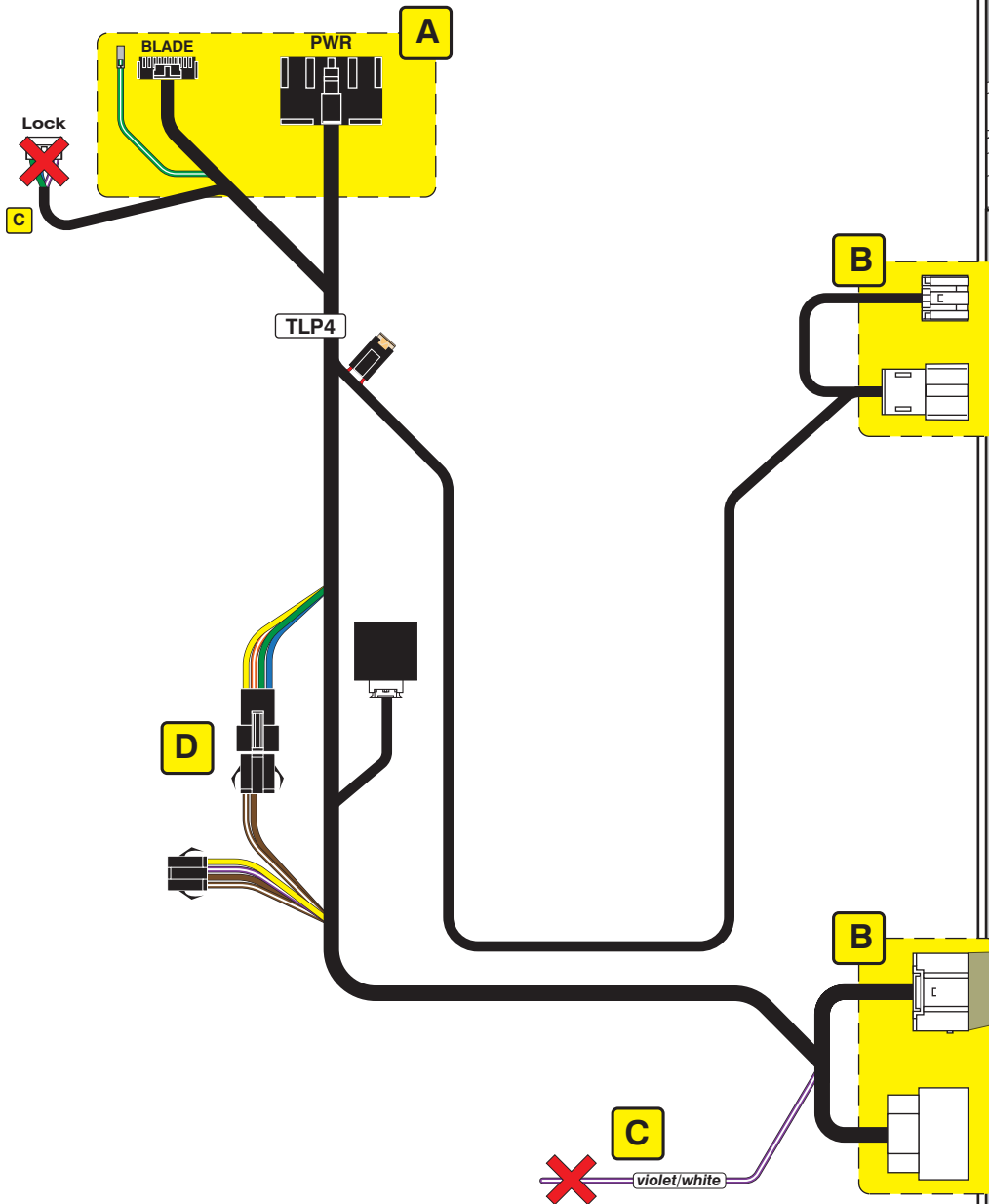
•FT-DAS Required for manual transmission.
•BOTH Red & Red/White MUST be connected with high current application.

Jumper Setting

CM7000/7200 Cut loop for A/T

CM-900S/900AS

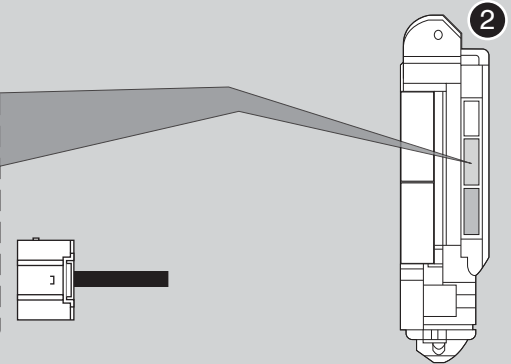
CM900AS/900S Jumper



Steering Lock Connector



Main Body ECU

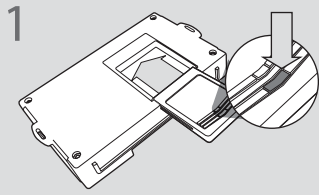


LED Programming Error Codes

- 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

CARTRIDGE INSTALLATION



1 Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

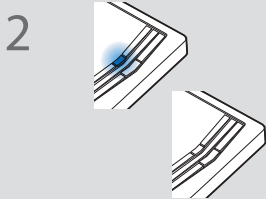
MODULE PROGRAMMING PROCEDURE

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 Wait, LED will turn solid BLUE then will turn OFF.



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

4

Module Programming Procedure completed.