# FTI-GMT3: Vehicle Coverage and Preparation Notes

**FIRSTECH, LLC.**
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| Make | Model | Year | Install | CAN | Lights | Type | BCM | Configuration |
|---|---|---|---|---|---|---|---|---|
| **DL-GM12** Chevrolet | Silverado 1500 Key AT w/o OnStar with OEM Alarm | 2017-18 | Type 1 + Locks | Type A | **Park / Auto** Type A | Key | LSC | **Feature Option** Opt 1-11 to 3 |

**Firmware:** This installation uses **BLADE-AL(DL)-GM12**, flash module and update the controller firmware before installing.

**Install**: **Type 1** installation sources CAN data from the blue connector of the BCM, requiring the use of the **'A-connector**, the connector marked 'B' is not used.

**Lights: Type A** lights (standard parking lights) are provided, as are **Type H** (hazard lights), both incorporated in the harness for visual display of runtime status/diagnostics. Re-pinning of the CM I/O (gray) harness is required, regardless of which type you choose to use, both options have been provided for your selection. If you choose hazards you will also need to configure the selected POC for one of the following hazard control options, **Hazard1** (POC option #30 (momentary) or **Hazard2** (POC option #23 (latching), depending on hazard switch operation.

**Locks:** The CM lock connector is mandatory for this installation type. The harness assembly is pre-wired provide the necessary analog control.

**ACC configuration: No Onstar/OEM Alarm** install requires an ACC pulse with disarm, to properly control the equipped OEM alarm system. *Set feature option 1-11 to option 3 (ACC pulse, same timing as disarm pulse)*

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**Lock connector is REQUIRED for this installation type.  :)**

**Configuration of feature option 3-11 to option 3 (ACC pulse, same timing as disarm) is REQUIRED.  :)**

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## FTI-GMT3 - Installation and Configuration Notes

**A**   REQUIRED CONNECTION, SEE NOTE ABOVE

**B**   REQUIRED CONNECTION

**C**   REQUIRED CONFIGURATION - TYPE A

**D**   REQUIRED CONFIGURATION - KEY TYPE

**E**   REQUIRED SETTINGS CHANGE

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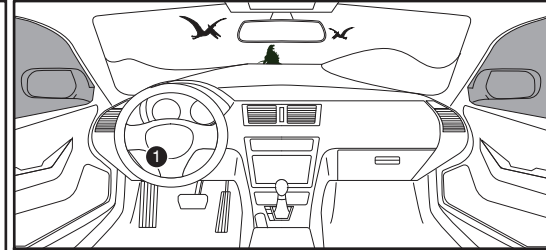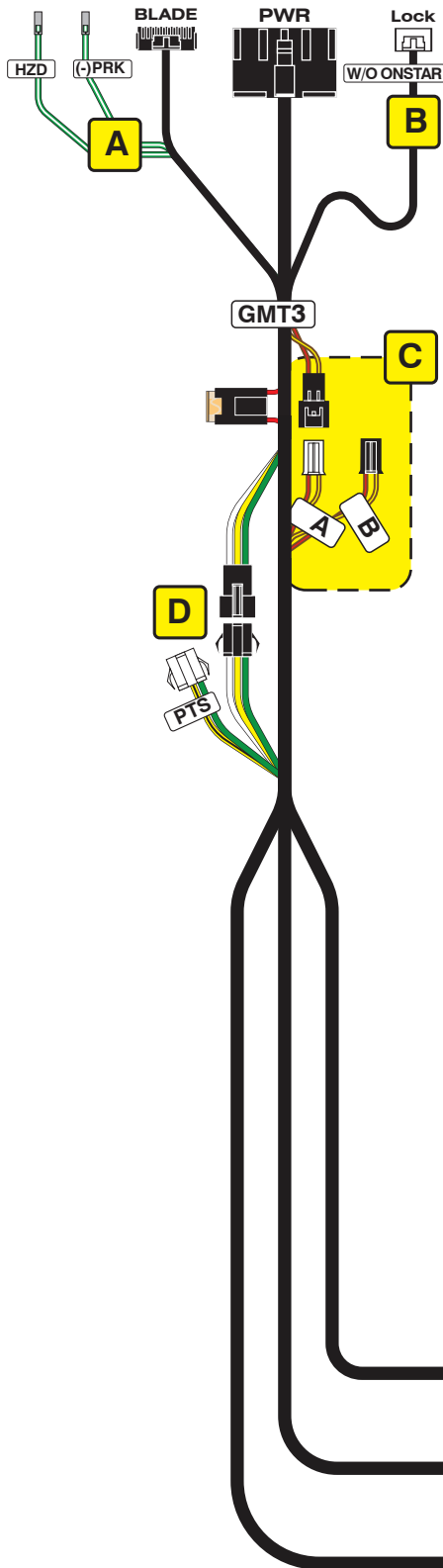• BOTH Red & Red/White MUST be connected with high current application.

### 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 | DOOR LOCK | DOOR UNLOCK | ARM OEM ALARM | DISARM OEM ALARM | 3X LOCK START | DOOR STATUS | RAP SHUTDOWN | BRAKE STATUS | E-BRAKE STATUS | TACH OUTPUT | DATA/MUX IGN/ST | HOOD STATUS | SECURE TAKEOVER | PARKING LIGHTS | HAZARD LIGHTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |

BLADE | PWR | Lock
HZD | (-)PRK | W/O ONSTAR

**A**

**B**

**1**

GMT3

**C**

A | B

**D**

PTS

**Pink and Green**

**Blue**

**White**

**BCM**

**1**

GREEN
BLUE
WHITE

**E**

**No Onstar/OEM Alarm** install requires an ACC pulse with disarm to properly control the OEM alarm system. *Set feature option 1-11 to option 3 (ACC pulse, same timing as disarm pulse)*

## LED Programming Error Codes
Module LED flashing RED during programming

1x - No ACC power, check GREEN connector
2x - MUX status not detected, check GREEN connector
3x - No IGN, check GREEN connector
4x - No HSCAN activity, check BLUE connector
5x - No SWC activity, check BLUE connector
6x - Wrong SWC message, confirm key has been removed
7x - No ACC power, check GREEN connector
8x - No immobilizer data, check GREEN & BLADE connectors
9x - IGN ON, confirm key has been removed
10x - Keysense active, confirm key has been removed
11x - No ACC, confirm key is on
12x - No IGN, confirm key is on
13x - VIN not matching Weblink data, contact engineering

# INSTALL GUIDE

**BLADE** SERIES

DOORLOCK INTERFACE
GENERAL MOTORS

Patent No. US 8,856,780 CA 2759622

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## CARTRIDGE INSTALLATION

| | |
|---|---|
| 1 | Slide cartridge into unit. Notice button under LED. |
| 2 | Ready for Module Programming Procedure. |

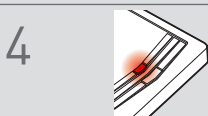## MODULE PROGRAMMING PROCEDURE - WITH KLON
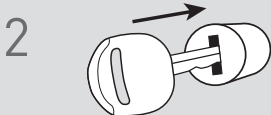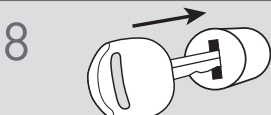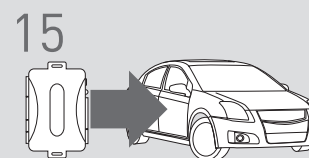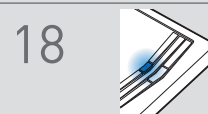
| # | Instruction | # | Instruction |
|---|---|---|---|
| 1 | Close driver door. Re-open driver door to wake up data bus. | 12 | Remove key. |
| 2 | Insert key into ignition. | 13 | WARNING: Disconnect power last. Disconnect module from vehicle. |
| 3 | Turn key to ON position. | 14 | Connect module to computer and proceed with extended programming. |
| 4 | Wait, LED will turn solid RED. | 15 | WARNING: Do not press module programming button. Connect power first. Connect module to vehicle. |
| 5 | Turn key to OFF position. | 16 | Close driver door. Re-open driver door to wake up data bus. |
| 6 | Remove key. | 17 | Turn key to ON position. |
| 7 | LED will turn OFF. | 18 | Wait, LED will turn solid BLUE for 2 seconds. |
| 8 | Insert key into ignition. | 19 | Turn key to OFF position. |
| 9 | Turn key to ON position. | 20 | Module Programming Procedure completed. |
| 10 | Wait, LED will flash BLUE rapidly. | | |
| 11 | Turn key to OFF position. | | |