FTI-GMT3: Vehicle Coverage and Preparation Notes

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

Make	Model	Year	Install	CAN	Lights	Type	BCM	Configuration
DL-GM12					Park / Auto			Feature Option
GMC	Sierra 3500 STD Key AT w/o OnStar with OEM Alarm	2020-23	Type 2 + ALocks	Type B	Type A	Key	ADKP	Opt 1-11 to 3

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

Install: **Type 2** installation sources CAN data from the white connector of the BCM, requiring the use of the **'B-connector**, the connector marked 'A' 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 wiring requires modification for this installation type. The vehicle door lock wiring has been moved from the blue BCM connector (lock - pin #19, unlock - pin #15) to the gray BCM connector (lock - pin #21, unlock - pin #24) and several options for making the connections are available, disconnecting the harness wiring in the blue BCM connector and extending it to the gray connector, configuring POCs for lock/unlock/trunk (if equipped with power tailgate) and extending wires from the controller to the gray BCM connector, or modifying the harnedd lock connector as illustrated. The choice is yours, which method to use will depend on your abilities, as well as the amount of time and materials you have at your disposal.

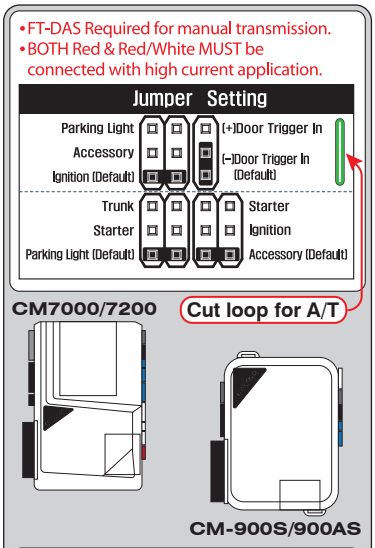
ACC configuration: Type 6 install requires an ACC pulse with disarm, to properly control the equipped OEM alarm system.
Set feature option 1-11 to option 3 (ACC pulse, same timing as disarm pulse)

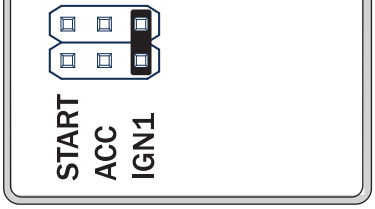
Analog door lock connections are REQUIRED, but require additional wiring or harness modification.

Configuration of feature option 1-11 to option 3 (ACC pulse, same timing as disarm) is REQUIRED. :)

FTI-GMT3 - Installation and Configuration Notes

- **A** REQUIRED CONNECTION, SEE NOTE ABOVE
- **B** MODIFICATION REQUIRED, SEE LOCK NOTE, ABOVE
- **C** REQUIRED CONFIGURATION - TYPE B
- **D** REQUIRED CONFIGURATION - KEY TYPE
- **E** REQUIRED SETTINGS CHANGE





FEATURE COVERAGE

IMMOBILIZER DATA	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
○	○	○	○	○	○	○	○	○	○	○	●

FTI-GMT3 - DL-GM12 - Type 2

2020-23 GMC Sierra 3500 STD Key AT w/o OnStar w/o OEM Alarm

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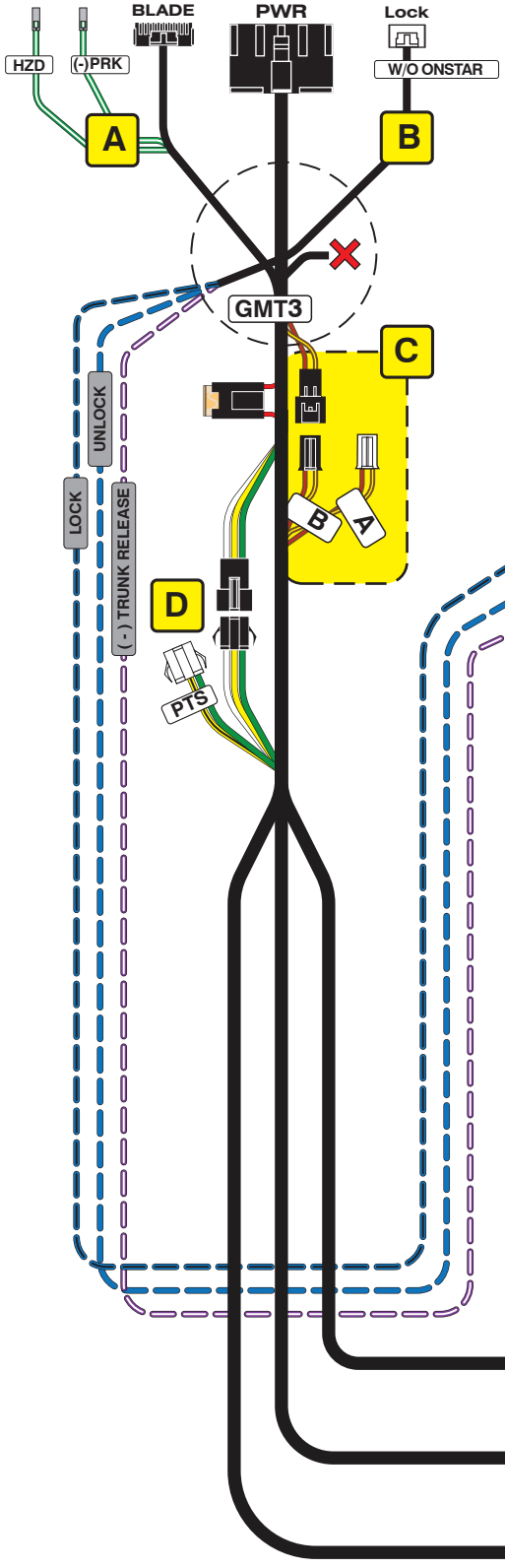
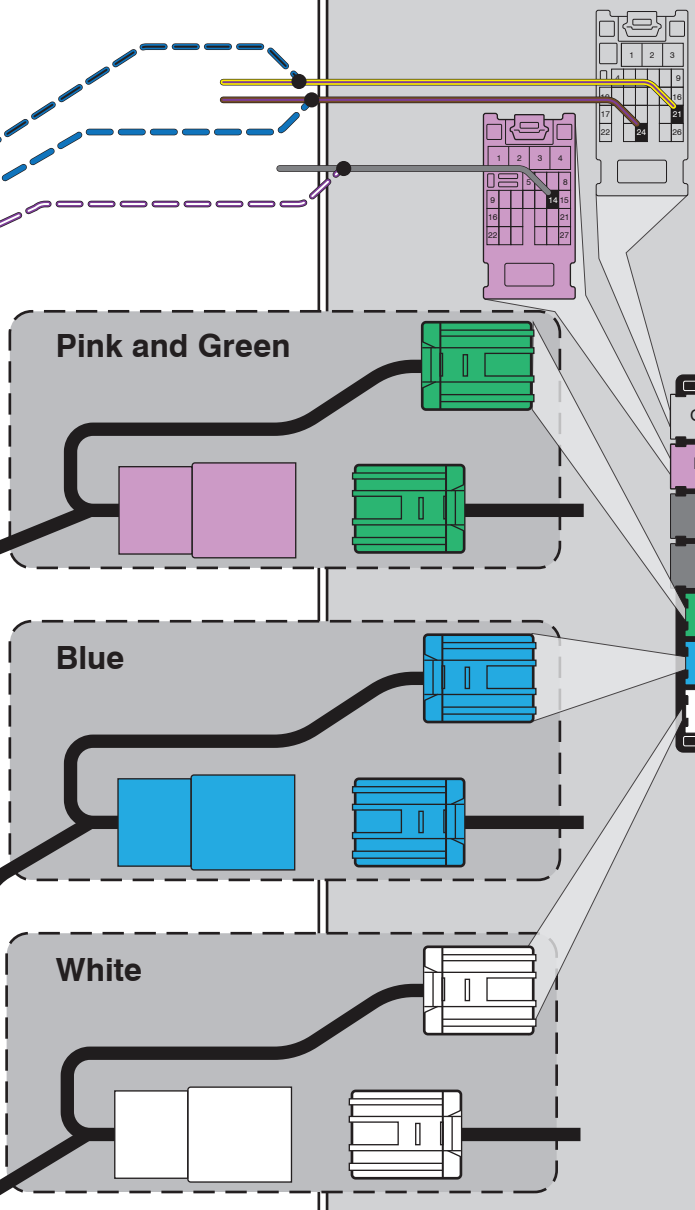




E

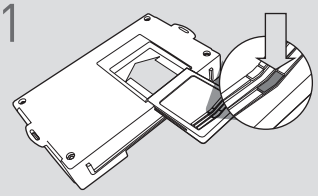
No Onstar/OEM Alarm install requires an ACC pulse with disarm to properly control the OEM alarm system. ***Set feature option 1-11 to option 3 (ACC pulse, same timing as disarm pulse)***

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

CARTRIDGE INSTALLATION

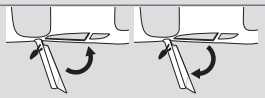
1 

Slide cartridge into unit. Notice button under LED.

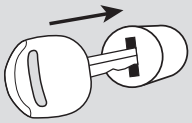
2

Ready for Module Programming Procedure.

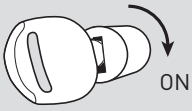
MODULE PROGRAMMING PROCEDURE - WITH KLON

1 

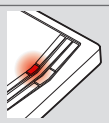
Close driver door.
Re-open driver door to wake up data bus.

2 

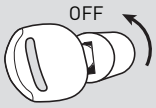
Insert key into ignition.

3 

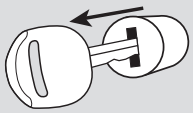
Turn key to ON position.

4 

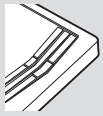
Wait, LED will turn solid RED.

5 

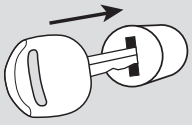
Turn key to OFF position.

6 

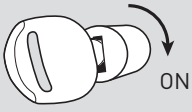
Remove key.

7 

LED will turn OFF.

8 

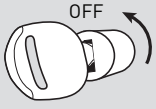
Insert key into ignition.

9 

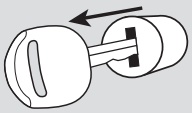
Turn key to ON position.

10 

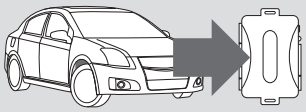
Wait, LED will flash BLUE rapidly.

11 

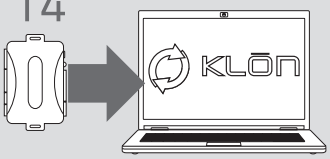
Turn key to OFF position.

12 

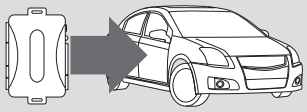
Remove key.

13 

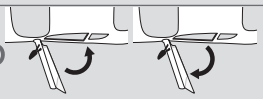
WARNING:
Disconnect power last.
Disconnect module from vehicle.

14 

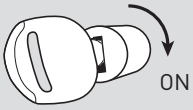
Connect module to computer and proceed with extended programming.

15 

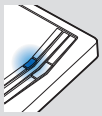
WARNING: Do not press module programming button.
Connect power first.
Connect module to vehicle.

16 

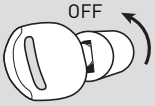
Close driver door.
Re-open driver door to wake up data bus.

17 

Turn key to ON position.

18 

Wait, LED will turn solid BLUE for 2 seconds.

19 

Turn key to OFF position.

20

Module Programming Procedure completed.