FTI-GMT3: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	Type	BCM	Configuration
DL-GM8 Chevrolet	Silverado 3500 PTS AT	2020-23	Type 2	Type B	**Park / Auto** Type A	PTS	ADKP	**Feature Option** None

Firmware: This installation uses **BLADE-AL(DL)-GM8**, 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 is not required for this installation type. Door locks are handled via data signals so analog connections are not necessary. Secure the harness connector as needed.

Optional Tailgate Release: Some trim levels include an automated tailgate release, additional wiring between the controller POC and the *pink* BCM connector (pin #14, *gray*) is required in order to provide control, see illustration.

> **Lock connector is NOT REQUIRED for this installation type. :)**

FTI-GMT3 - Installation and Configuration Notes

A REQUIRED CONNECTION, SEE NOTE ABOVE

B CONNECTION NOT REQUIRED

C REQUIRED CONFIGURATION - CAN TYPE 'B'

D REQUIRED CONFIGURATION - KEY TYPE 'PTS'

E OPTIONAL CONNECTION - TAILGATE

• 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	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	TRUNK/HATCH RELEASE	3X LOCK START		DOOR STATUS	TRUNK STATUS	RAP SHUTDOWN	BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT	DATA/MUX IGN/ST	HOOD STATUS	SECURE TAKEOVER	PARKING LIGHTS	HAZARD LIGHTS
●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	🟢

BLADE   PWR

HZD   (-)PRK

A

B

W/O ONSTAR

GMT3

C

B   **A**

D

PTS

Pink and Green
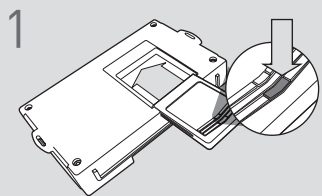
Blue

White

BCM

1

GREEN

BLUE

WHITE

LED Programming Error Codes
Module LED flashing RED during programming

1x - No SWC data, check BLUE connector and CAN selection
2x - No immobilizer data, confirm GREEN and BLADE connectors
3x - No HS CAN
4x - No ignition, check BLUE connector and CAN selection
5x - VIN not matching Weblink data, contact engineering
6x - No immobilizer data, check GREEN connector or hold IGN
7x - Immobilizer data error, confirm only using one key
8x - No immobilizer data, check GREEN and BLADE connectors
9x - Immobilizer data error, see above
10x - Klon data error, reset module and repeat programming
11x - No ignition, check BLUE connector and CAN selection

INSTALL GUIDE

BLADE
S E R I E S

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

NOTE

I   When programming, only one key fob will be used. The other one must be located at least 10 feet away from the vehicle.
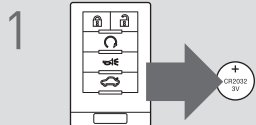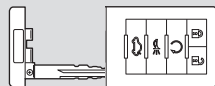
1 Remove battery from key fob.

Place key fob on key reader in armrest or center console.
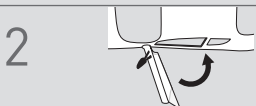
2 Close driver door.

Re-open driver door to wake up data bus.

3 Push start button twice [2x] (or press start button 5 seconds) to ON position.
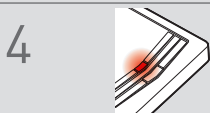
4 Wait, LED will turn solid RED.
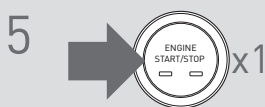
5 Push start button once [1x] to OFF position. x1

6 Wait, LED will flash BLUE rapidly.
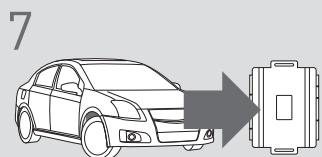
7 WARNING:
Disconnect power last.
Disconnect RS from vehicle.
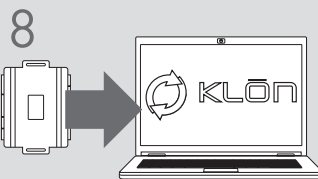
8 Connect RS to computer and proceed with extended programming.
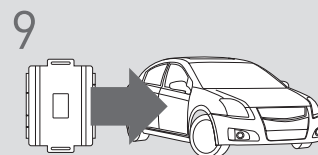
9 WARNING: Do not press RS programming button.
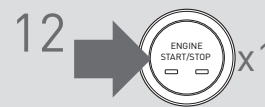Connect power first.
Connect RS to vehicle.

10 Push start button twice [2x] (or press start button 5 seconds) to ON position.

11 Wait, LED will turn solid BLUE for 2 seconds.

12 Push start button once [1x] to OFF position. x1

13 Remove key fob from key reader.

Insert battery in key fob.

! If the vehicle is equipped with a power liftgate:
Open and close the power liftgate with the OEM keyfob.

14 Module Programming Procedure completed.

Patent No. US 8,856,780 CA 2759622

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WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT

I   All vehicle doors must be closed and locked prior to remote start sequence. Failure to comply will result in remote starter malfunction.

TAKE OVER PROCEDURE - TO THE VEHICLE OWNER

NOTE

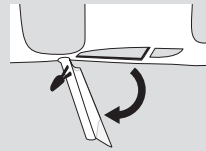I   All vehicle doors must be closed and locked prior to remote start sequence.

TIME RESTRICTION COMING UP !

1

Press unlock on OEM or aftermarket remote or request switch.

2

TIME RESTRICTION

Within 45 SECONDS from previous step:

Open vehicle door.
Enter vehicle.
Close vehicle door.

Press and release BRAKE pedal.

3

Take over procedure completed.

!   Failure to follow procedure within time restriction will result in vehicle engine shutdown.