Make	Model	Year	Install	CAN	Lights	Type	BCM	Configuration
DL-GM12 Chevrolet	Silverado 1500LD STD Key AT with OnStar (old body)	2019	Type 1	Type A	**Park / Auto** Type A	Key	LSC	**Feature Option** None

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 not required for this installation type. Door locks are handled via OnStar data signals so analog connections are not necessary. Secure the harness connector as needed.

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 - TYPE A

D   REQUIRED CONFIGURATION - KEY TYPE

• 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

HZD

(-)PRK

A

B

W/O ONSTAR

GMT3

C

A

B

D

PTS

Pink and Green

Blue

White

BCM

1

GREEN

BLUE

WHITE
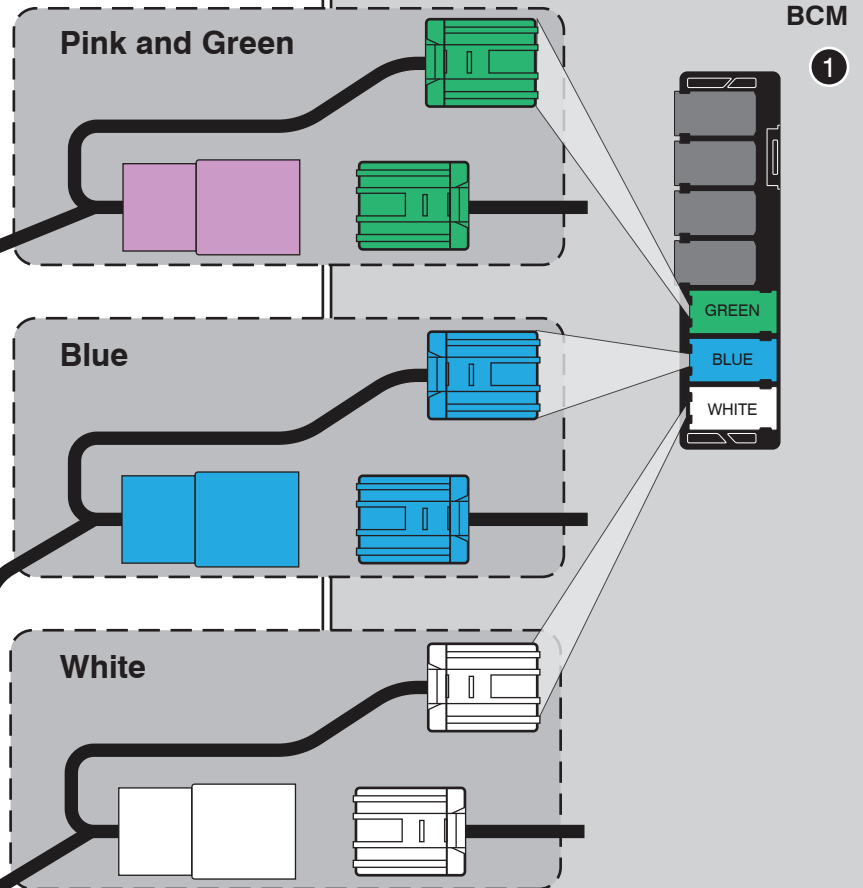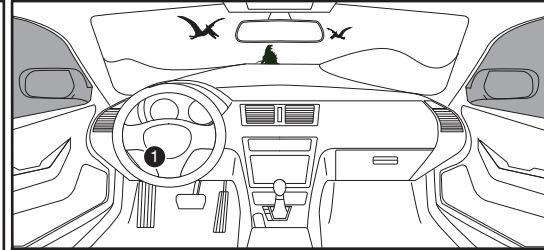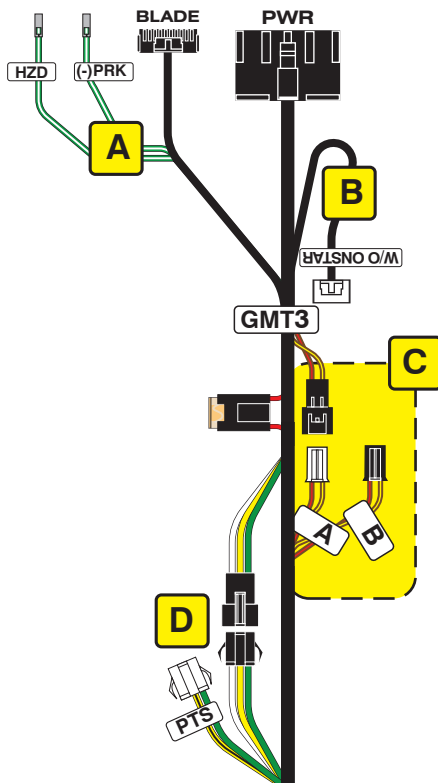
LED Programming Error Codes

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
S E R I E S

DOORLOCK INTERFACE
GENERAL MOTORS

Patent No. US 8,856,780 CA 2759622

Page 58 of 59　　　COM-BLADE-AL(DL)-GM12-EN　　　*Doc. No.:* *##74801##*　20210312

CARTRIDGE INSTALLATION

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

MODULE PROGRAMMING PROCEDURE - WITH KLON
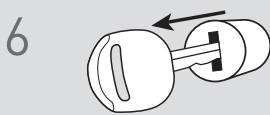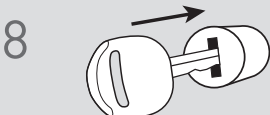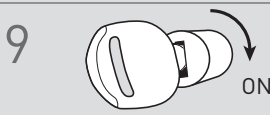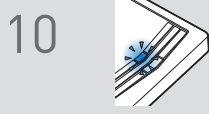
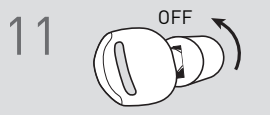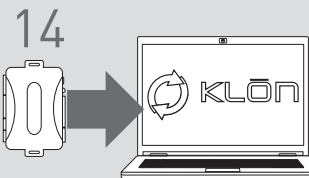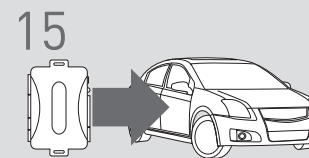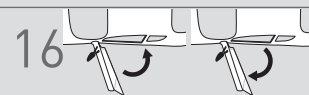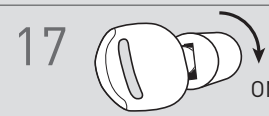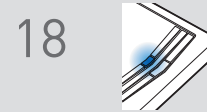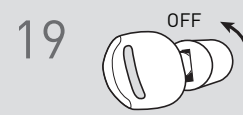| #	Instruction
1	Close driver door. Re-open driver door to wake up data bus.
2	Insert key into ignition.
3	Turn key to ON position.
4	Wait, LED will turn solid RED.
5	Turn key to OFF position.
6	Remove key.
7	LED will turn OFF.
8	Insert key into ignition.
9	Turn key to ON position.
10	Wait, LED will 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.