FTI-GMK2 Type 1B - Vehicle Coverage & Preparation Notes

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

Make	Model	Year	Install	CAN	Lights	RAP	Trunk	I/O Changes
DL-GM7					**Park / Auto**			**Green White/Blue**
Chevrolet	Colorado Key w/o On-Star	2015-16	Type 1	BCM	H			
Chevrolet	Silverado 2500 Key w/o On-Star, w/Factory Alarm	2015-16	Type 1	BCM	H			

Hey! Read this stuff before you start the installation...

Firmware:
Covered vehicles use **BLADE-AL(DL)-GM7**, flash module before installing

Install:
Type 1 vehicles attain CAN data from the vehicle BCM, which requires the **CAN**/**BCM** configuration of the CAN source junction on the harness assembly. The vehicle BCM is located left of the steering column (LSC) in all covered vehicles .

Lights:
Type H lights are incorporated in the harness and utilize the vehicle hazard lights for visual display of runtime status/diagnostics. Re-pinning of the CM I/O (gray) harness is required if you wish to use hazard lights, traditional parking light option is noted in the installation notes and diagram. Use of hazards also requires that you reconfigure the 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.
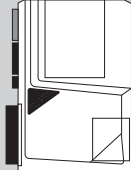
Locks:
CM lock connector is mandatory for this installation type. The harness is pre-wired in the harness assembly to provide the necessary analog control.
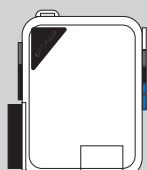
Okay, now get to work...

• 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

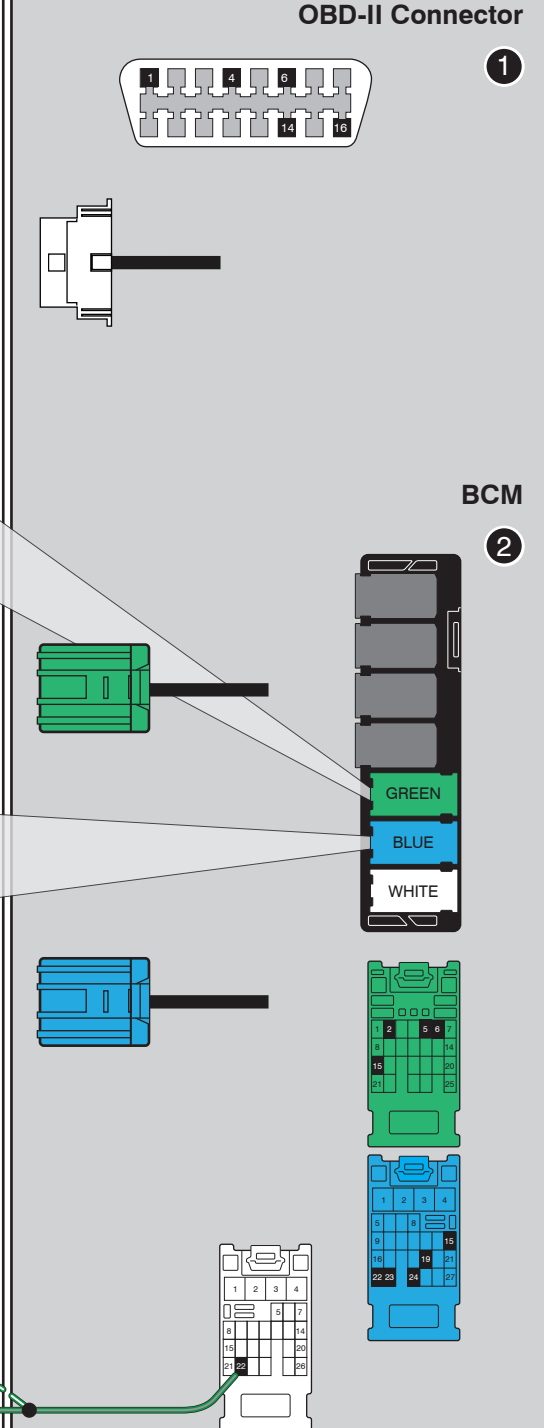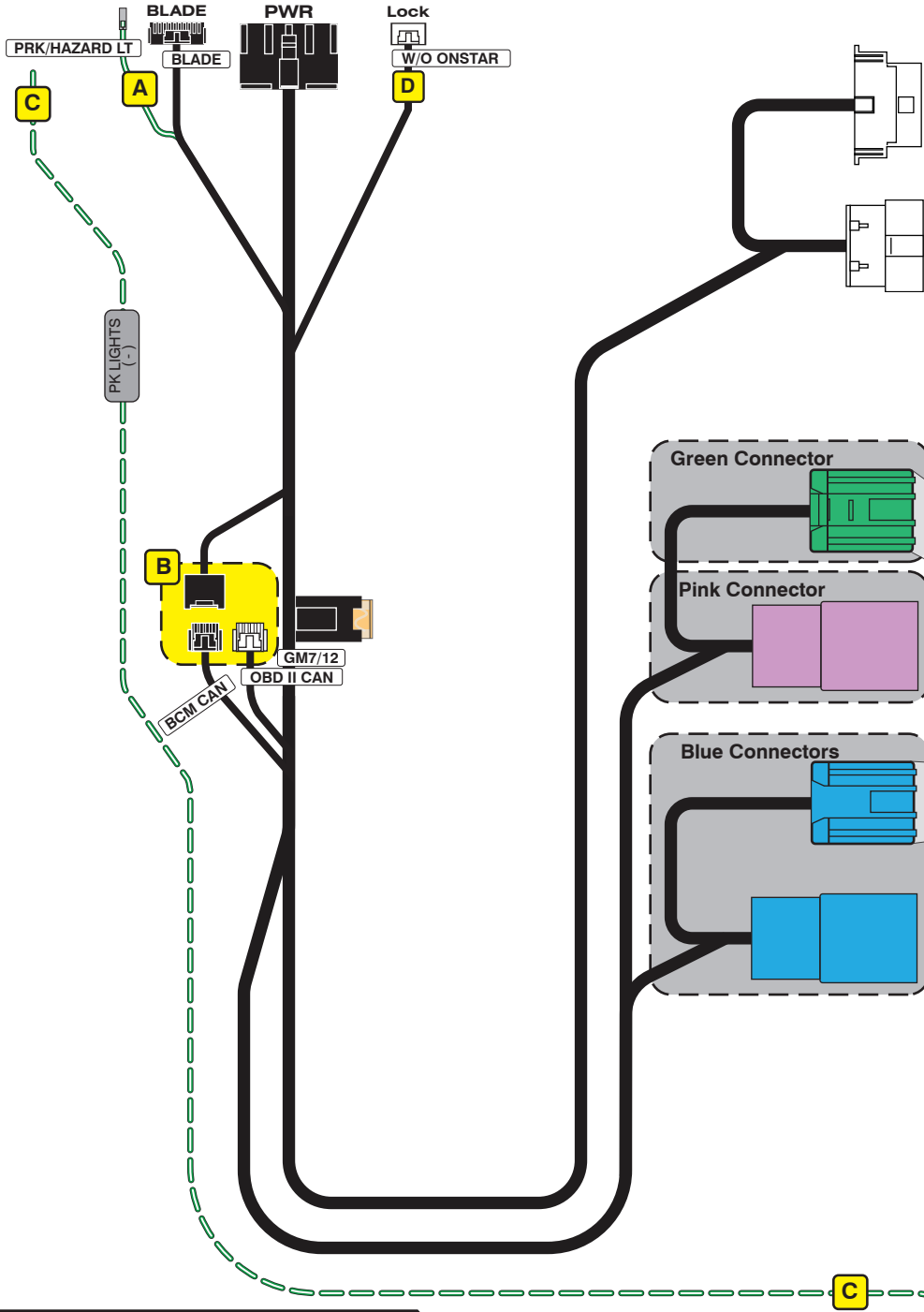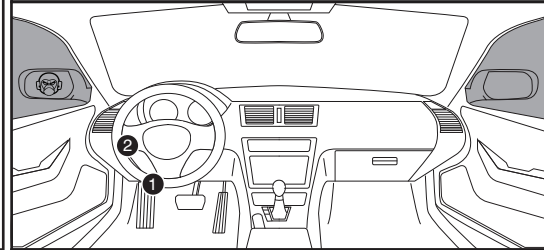**CM900AS/900S Jumper**

START ACC IGN1

FTI-GMK2 Type 1B - Installation Notes & Wiring Diagram

FIRSTECH, LLC.

A Hazard light connection, pin terminated, replace the wire for POC 1 in the CMx I/O connector if hazard flash is desired. See also, note **C**

B CAN/SWC source selector, **Type 1** installs require *CAN*/*BCM* configuration, as illustrated. Secure the unused OBD connector for safety.

C Harness is wired for runtime/diagnostic lighting via hazard lights, if traditional pk lights are desired use CM I/O (-) pk light output (*green*/*white*) connected to *lt. green*/*gray* in pin #22 of white X1 connector

D CM lock connector mandatory for this installation type, locks are handled by analog connections to the BCM, pre-wired in the harness assembly

OBD-II Connector ❶

BCM ❷

PRK/HAZARD LT **C**

BLADE **A** BLADE

PWR

Lock **D** W/O ONSTAR

PK LIGHTS (-)

B GM7/12 OBD II CAN

BCM CAN

Green Connector

Pink Connector

Blue Connectors

GREEN
BLUE
WHITE

C

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

Module Programming Procedure

Step 1 - Insert Key, activate IGN, wait for module to blink blue
Step 2 - Remove key from cylinder, module should turn red
Step 3 - Reinsert key, activate IGN, wait for LED to go off
Step 4 - Remove then reinsert key, activate IGN again
Step 5 - Module LED should go solid blue, programming complete

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