

# FTI-GMT3: Vehicle Coverage and Preparation Notes

| Make                       | Model               | Year    | Install | CAN    | Lights                | Type | BCM  | Configuration          |
|----------------------------|---------------------|---------|---------|--------|-----------------------|------|------|------------------------|
| <b>DL-GM7</b><br>Chevrolet | Orlando Flip-Key MT | 2011-14 | Type 2  | Type A | Park / Auto<br>Type A | Key  | CCPS | Feature Option<br>None |

**Firmware:** This installation uses **BLADE-AL(DL)-GM7**, flash module and update the controller firmware before installing.

**Installation:** **Type 2** installation sources CAN data from the blue connector of the BCM, requiring 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. Secure as needed.

**Manual transmission equipped vehicles:** **Type 2** installation requires additional wiring and a resistor to provide a clutch bypass. Extend the CM7 negative start output (red/black) to the vehicle clutch switch and connect to the yellow wire in position #2, through a 180 Ohm resistor, as illustrated.

## FTI-GMT3 - Installation and Configuration Notes

- A** REQUIRED CONNECTION, SEE NOTE ABOVE
- B** NOT REQUIRED
- C** REQUIRED CONFIGURATION - TYPE A
- D** REQUIRED CONFIGURATION - KEY TYPE
- E** REQUIRED CONNECTION - CLUTCH



| FEATURE COVERAGE |                 |           |             |               |                  |  |  |  |  |                 |                |                 |              |
|------------------|-----------------|-----------|-------------|---------------|------------------|--|--|--|--|-----------------|----------------|-----------------|--------------|
| IMMOBILIZER DATA | PRIORITY UNLOCK | DOOR LOCK | DOOR UNLOCK | ARM OEM ALARM | DISARM OEM ALARM |  |  |  |  | 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   |              |

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

**Jumper Setting**

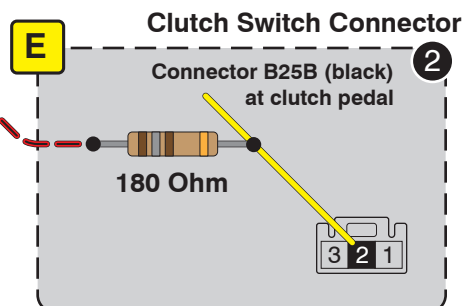
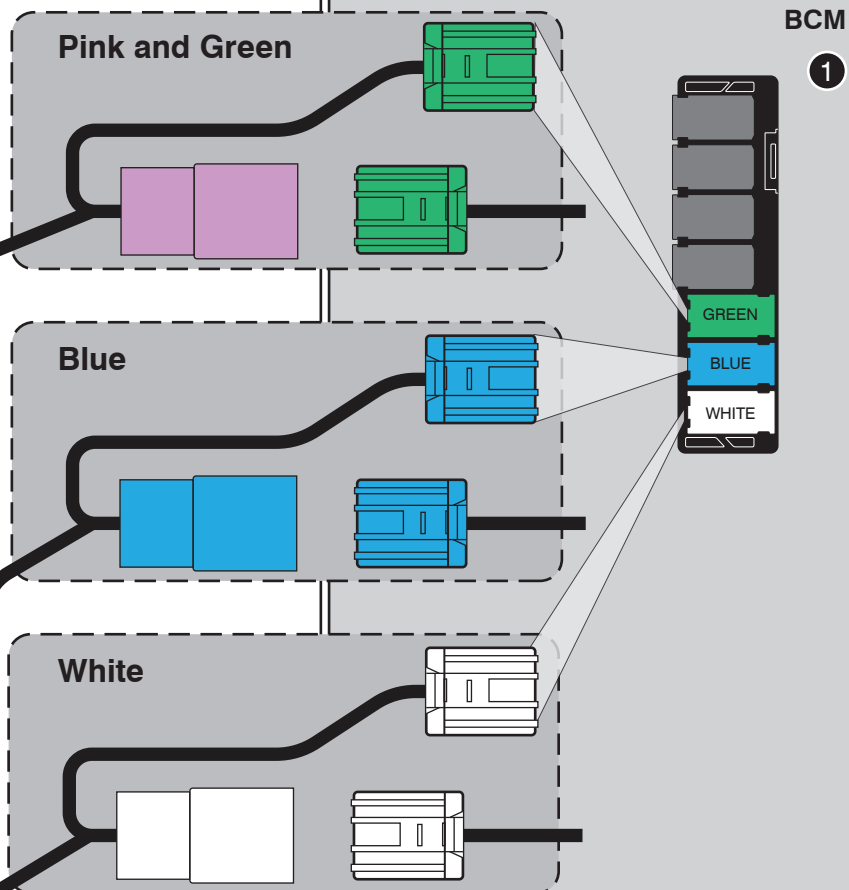
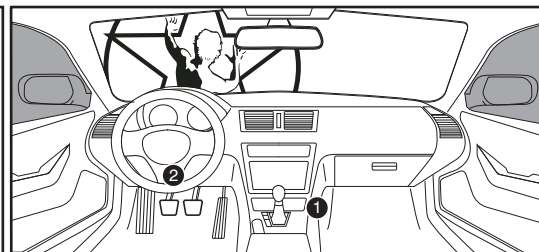
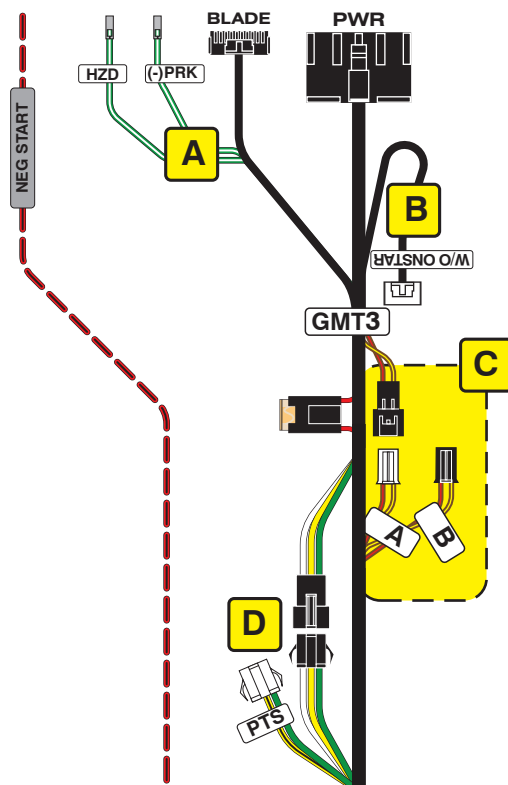
|               |           |                         |                    |                              |
|---------------|-----------|-------------------------|--------------------|------------------------------|
| Parking Light | Accessory | Ignition (Default)      | (+)Door Trigger In | (-)Door Trigger In (Default) |
| Trunk         | Starter   | Parking Light (Default) | Starter Ignition   | Accessory (Default)          |

**CM7000/7200** **Cut loop for A/T**

**CM-900S/900AS**

**CM900AS/900S Jumper**

**START**  
**ACC**  
**IGN1**

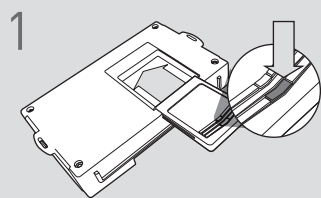


### LED Programming Error Codes

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

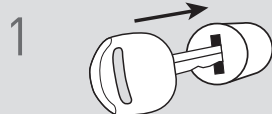


Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

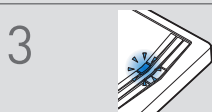
## MODULE PROGRAMMING PROCEDURE



Insert key into ignition.



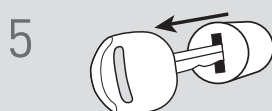
Turn key to ON position.



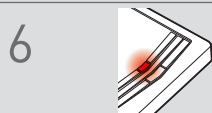
Wait, LED will flash BLUE rapidly.



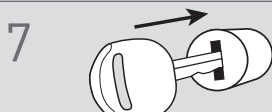
Turn key to OFF position.



Remove key.



LED will turn solid RED.



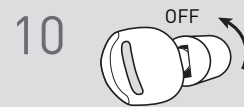
Insert key into ignition.



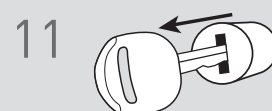
Turn key to ON position.



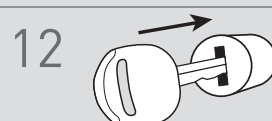
LED will turn OFF.



Turn key to OFF position.



Remove key.



Insert key into ignition.



Turn key to ON position.



Wait, LED will turn solid BLUE for 2 seconds.



Turn key to OFF position.

16

Module Programming Procedure completed.