

Emergency Door Module - EDM603-GD

GM/Chevy 560 – 2005-2009

GM/Chevy 610 – 2008-2012

When installed, the Emergency Door module will not allow the vehicle to be started unless the rear emergency door is closed and unlocked. It will also sound an audible alarm anytime the door is open while the ignition is on.

GM/Chevy 560

Disconnect vehicle battery. Locate the vehicle start circuit by removing the #1 instrument panel fuse block from its mounting bracket. It is located on the right side of the instrument panel under the access cover. Rotate the fuse block to view the back, (See diagram next page). Locate the Purple wire in Cavity # L5. Cut this wire.

Yellow Wire – Connect to the fuse block side of the Purple wire. Solder and heat shrink connection.

Blue Wire – Connect to the other end of the Purple wire. Solder and heat shrink connection.

Red Wire – Locate the Pink wire in Cavity # J5 of the #1 instrument panel fuse block.

Do not cut this wire. Attach the red wire in parallel to this circuit by stripping the insulation, soldering, and taping.

Module – Mount the EDM module behind the lower dash panel. Do not block the opening in the module or the alarm volume will be reduced. **Attach the black wire to a known good ground point.** Snap the 4-pin vehicle harness installed above into the module 4-pin connector. The black 2 pin Weather-Pack connector will attach to the door circuits. The mate to this connector is available from Packard. Call 1 (800) PACKARD. The mating connector is Part # 12010973-B. The Terminals are Part # 12124582-L. The connector seals (Optional) are part # 12015323-B. The white wire in this connector will connect to the door open switch. This circuit must provide a ground when the door is open. The green wire will connect to the door lock switch. This circuit must provide a ground when the door is locked.

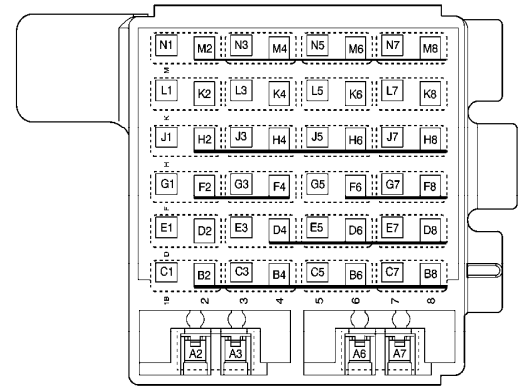
Reconnect vehicle battery.

Check for proper system operation.

GM/Chevy 560 – 2005-2009

Fuse Block Diagram

| Pin | Wire Color | Circuit No. | Function |
|-----|------------|-------------|--------------------|
| J5 | PK | 39 | Ignition 1 Voltage |
| L5 | PU | 806 | Crank Voltage |



GM/Chevy 610 – 2008-2009

Disconnect vehicle battery. Locate the main fuse box on driver's side of engine compartment. Rotate the fuse block for access. Open main wire harness and locate start circuit wire (Yellow with Black tracer). This circuit is pin 85 of the Crank relay (#73).

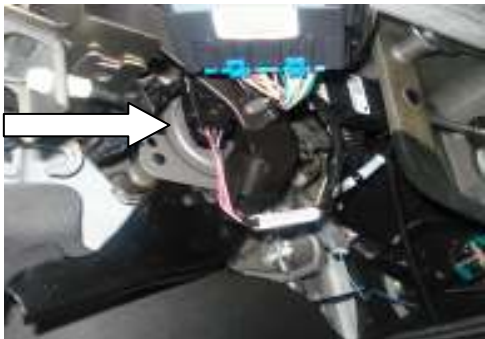
Determine which side of the circuit is the start circuit input and which is the output to starter. Run harness (Yellow and Blue) through bulkhead using a grommet to prevent chafing.

Red Wire – Locate the Black 4-way connector under dash (Fig. 1). Attach the Red wire to the Pink wire (pin B) in parallel to this circuit by stripping the insulation, soldering, and taping (Fig. 2).

Yellow Wire – Attach the Yellow wire to the starter input. Solder and heat shrink this connection.

Blue Wire – Attach the Blue wire to the starter output. Solder and heat shrink this connection.

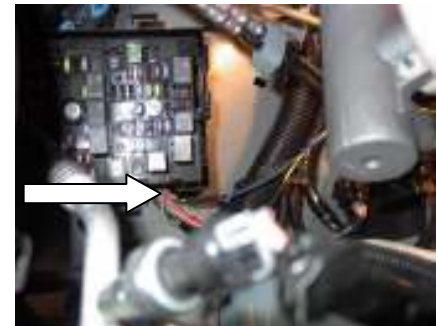
The Emergency Door Module must attach in a series circuit with the start circuit (Fig. 3)



(Fig. 1)



(Fig. 2)



(Fig. 3)

Module – Mount the EDM module behind the lower dash panel. Do not block the opening in the module or the alarm volume will be reduced. **Attach the black wire to a known good ground point.** Snap the 4-pin vehicle harness installed above into the module 4-pin connector. The black 2 pin Weather-Pack connector will attach to the door circuits. The mate to this connector is available from Packard. Call 1 (800) PACKARD. The mating connector is Part # 12010973-B. The Terminals are Part # 12124582-L. The connector seals (Optional) are part # 12015323-B. The white wire in this connector will connect to the door open switch. This circuit must provide a ground when the door is open. The green wire will connect to the door lock switch. This circuit must provide a ground when the door is locked.

Reconnect vehicle battery.

Check for proper system operation.

GM/Chevy 610 – 2010-2012

4.3L, 4.8L, and 6.0L Engines

Disconnect vehicle battery. Locate the Engine Control Module (ECM) on the driver's side of engine compartment. (Fig. 1)

Locate the X1 connector on the ECM. The X1 connector will be Black on 4.3L, 4.8L, and 6.0L engines. (Fig. 2)

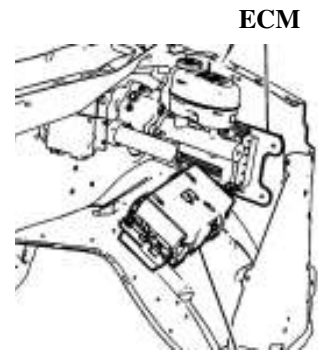
Remove the connector cover. Open the main wire harness and locate start circuit wire. On a 4.3L engine, it is the Pin #32 Yellow/Black wire. On 4.8L and 6.0L engines, it is the Pin #52 Yellow/Black wire. Cut the Yellow/Black wire 2" from the connector.

Run the EDM harness (Yellow and Blue) through the bulkhead using a grommet to prevent chafing.

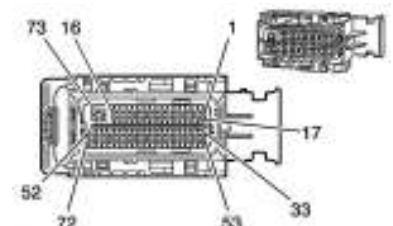
Red Wire – Locate the Ignition Switch Connector under dash (Fig. 3). Attach the Red wire to the Pin #2 Pink wire in parallel to this circuit by stripping the insulation, soldering, and taping. **Note: Do not connect the red wire to Pin #5, it is also a Pink wire.**

Yellow Wire – Attach the Yellow wire to the connector side of the Yellow/Black wire. Solder and heat shrink this connection.

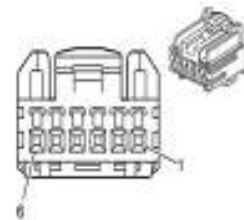
Blue Wire – Attach the Blue wire to the harness side of the Yellow/Black wire. Solder and heat shrink this connection.



(Fig. 1)



(Fig. 2)



(Fig. 3)

Module – Mount the EDM module behind the lower dash panel. Do not block the opening in the module or the alarm volume will be reduced. **Attach the black wire to a known good ground point.** Snap the 4-pin vehicle harness installed above into the module 4-pin connector. The black 2 pin Weather-Pack connector will attach to the door circuits. The mate to this connector is available from Packard. Call 1 (800) PACKARD. The mating connector is Part # 12010973-B. The Terminals are Part # 12124582-L. The connector seals (Optional) are part # 12015323-B. The white wire in this connector will connect to the door open switch. This circuit must provide a ground when the door is open. The green wire will connect to the door lock switch. This circuit must provide a ground when the door is locked.

Reconnect vehicle battery.

Check for proper system operation.

GM/Chevy 610 – 2010-2012

6.6L Diesel Engines

Disconnect vehicle battery. Locate the Engine Control Module (ECM) on the driver's side of engine compartment. (Fig. 1)

Locate the X1 connector on the ECM. The X1 connector will be Blue on 6.6L diesel engines. (Fig. 2)

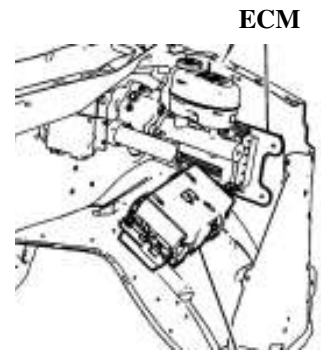
Remove the connector cover. Open the main wire harness and locate the Pin #5 Yellow/Black start circuit wire. Cut the Yellow/Black wire 2" from the connector.

Run the EDM harness (Yellow and Blue) through the bulkhead using a grommet to prevent chafing.

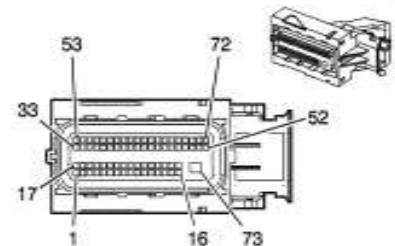
Red Wire – Locate the Ignition Switch Connector under dash (Fig. 3). Attach the Red wire to the Pin #2 Pink wire in parallel to this circuit by stripping the insulation, soldering, and taping. **Note: Do not connect the red wire to Pin #5, it is also a Pink wire.**

Yellow Wire – Attach the Yellow wire to the connector side of the Yellow/Black wire. Solder and heat shrink this connection.

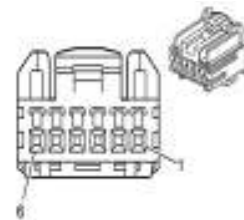
Blue Wire – Attach the Blue wire to the harness side of the Yellow/Black wire. Solder and heat shrink this connection.



(Fig. 1)



(Fig. 2)

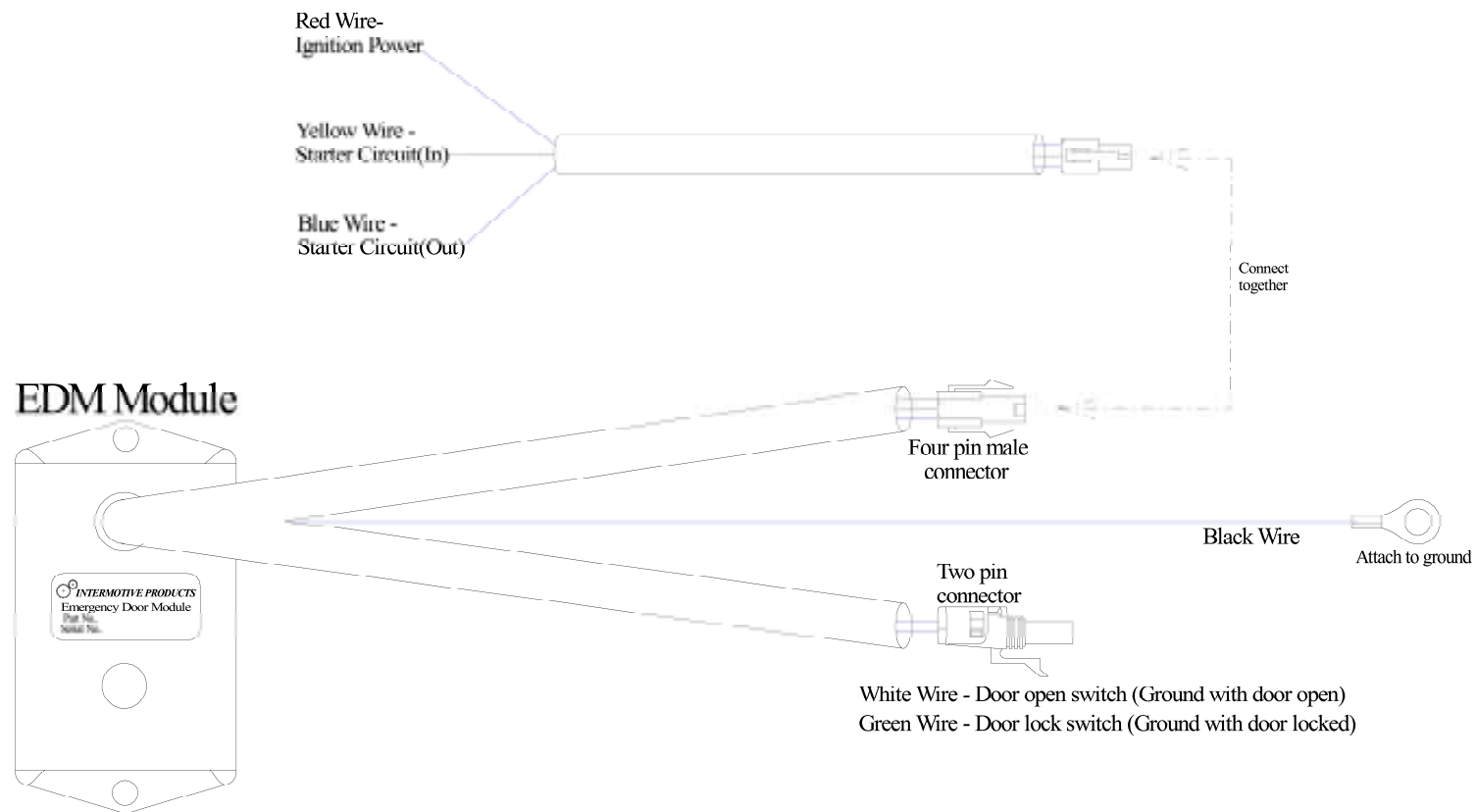


(Fig. 3)

Module – Mount the EDM module behind the lower dash panel. Do not block the opening in the module or the alarm volume will be reduced. **Attach the black wire to a known good ground point.** Snap the 4-pin vehicle harness installed above into the module 4-pin connector. The black 2 pin Weather-Pack connector will attach to the door circuits. The mate to this connector is available from Packard. Call 1 (800) PACKARD. The mating connector is Part # 12010973-B. The Terminals are Part # 12124582-L. The connector seals (Optional) are part # 12015323-B. The white wire in this connector will connect to the door open switch. This circuit must provide a ground when the door is open. The green wire will connect to the door lock switch. This circuit must provide a ground when the door is locked.

Reconnect vehicle battery.

Check for proper system operation.



Submit product registration at www.intermotive.net

If the EDM603-GD fails any step in the Post Installation Test, review the installation instructions and check all connections. If necessary, call

InterMotive technical support @ (530) 823-1048.