

Emergency Door Module - EDM506-GD

2011-2020 Ford F250-F550
2020 Ford Transit
2021-2026 Ford E-Series

Introduction

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 sound an audible alarm anytime the door is open while the ignition is on.

Disconnect vehicle battery before proceeding with installation.



WARNING
Disconnect the battery to
prevent setting a check engine
light.

IMPORTANT—READ BEFORE INSTALLATION

It is the installer's responsibility to route and secure all wiring harnesses where they cannot be damaged by sharp objects, mechanical moving parts and high heat sources. Failure to do so could result in damage to the system or vehicle and create possible safety concerns for the operator and passengers.

Avoid placing the module where it could encounter strong magnetic fields from high current cabling connected to motors, solenoids, etc. Avoid radio frequency energy from antennas or inverters next to the module. Avoid high voltage spikes in vehicle wiring by always using diode clamped relays when installing upfitter circuits.

Installation Instructions

Remove the lower dash panel below the steering column and find a suitable location to mount the module. Do not mount the module where it will be exposed to excessive heat. Do not actually mount the module until all wire harnesses are routed and secure. The last step of the installation is to mount the module. It is recommended the module be mounted with two screws, however 2-sided foam tape may also be used. When installing the harnesses, leave several inches of take-out such that the module can be removed if necessary.

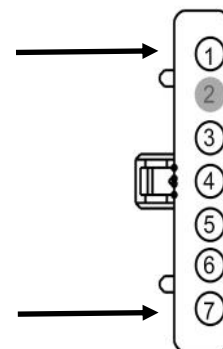
Ignition Switch Connections

- Remove the lower steering column trim cover. Locate the ignition switch connector and disconnect it from the ignition switch.
- Note the Pin Numbers on the Ignition Switch connector. You will be tapping the supplied white 2-pin pigtails into these wires.
- Find a place on the vehicle's steering column / Ignition Harness with ample space to locate these 2-pin connector pigtails. The pigtails allow removing the module and restoring the OEM wiring to stock if needed.

Note: Perform only one step at a time; being careful to attach the correct ignition wire to the appropriate 2-pin pigtail wire. These connections must be made by using solder and the supplied heat shrink tubing. The tubing should be cut to 1" lengths for this purpose.

Ignition Switch Connections (Continued)

- Locate the OEM ignition switch **Pin #7** Blue/White wire.
- Cut this Blue/White wire, slide on heat shrink, and solder the ignition switch side to the provided (2-pin connector) Yellow wire pigtail (see schematic, last page). Secure heat shrink.
- Slide on heat shrink to the OEM Harness side of the Pin #7 Blue/White wire and solder to the (2-pin connector) Blue wire pigtail. Secure heat shrink.
- Plug in the 2 pin connector pigtails into the respective EDM506GD harness connectors.
- Locate the OEM ignition switch **Pin #1** White/Orange wire (SuperDuty and E-Series) or Brown/Yellow wire (Transit). Do not cut, but strip a section of insulation and solder the provided Red wire flying lead to the wire. Tape connection with electrical tape.



Rear Emergency Door Connections

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 connects to the door open switch. This circuit must provide a ground when the door is open. (Note: some installers may choose to connect this wire to **both** the door open switch **and** the door lock switch and not connect the green wire below. This requires running only a single wire from the rear door to the module. In this case, the warning beeper will sound when **either** the door is open **or** locked with the key in Run.)
- The **green** wire will connect to the door lock switch. This circuit must provide a ground when the door is locked.

Module

Attach the black wire eyelet to a known good ground point.

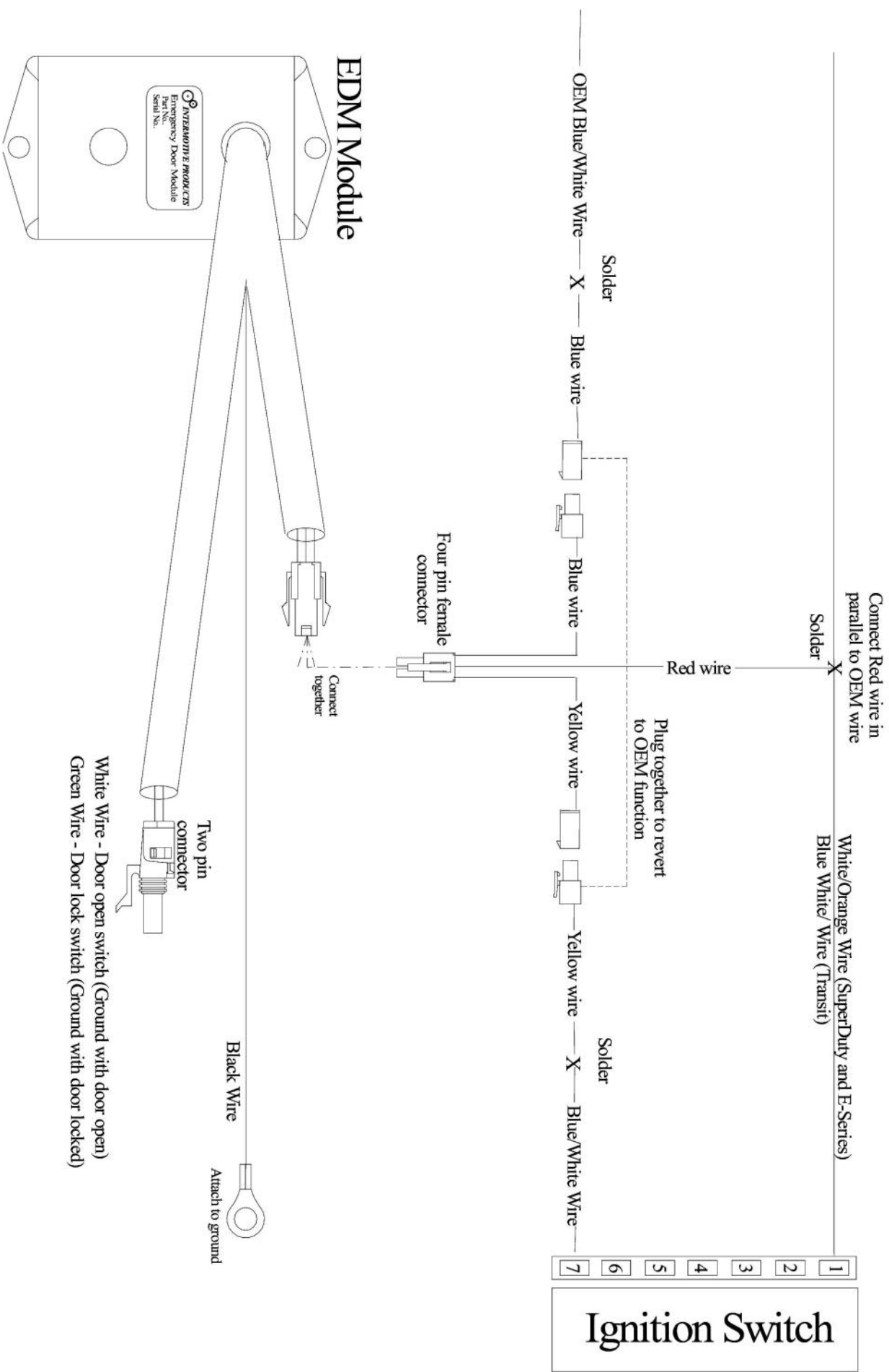
Mount the EDM module behind the lower dash panel. Do not block the opening on the module or the alarm volume will be reduced.

Reconnect vehicle battery.

Post Installation Test

1. Close the rear emergency door and do not lock it. Verify vehicle starts.
2. Close the rear emergency door and lock it. Verify the vehicle will not start.
3. Open the rear emergency door. Verify the vehicle will not start and the warning beeper sounds.

If the system fails any of the above tests, recheck all connections. If necessary, call Intermotive Technical Support at 530 823-1048.



Submit product registration at www.intermotive.net

If the EDM506GD fails any step in the Post Installation Test, review the installation instructions and check all connections. If necessary, call

EDM506GD-032525-INS