

## A-SD505 - Starter Disable 2009-2019 Ford E-Series

Contact InterMotive for additional vehicle applications.

### Introduction

The A-SD505 is a system that will prevent a vehicle from starting if certain safety conditions have not been met (lift door open, vehicle not in Park, emergency exit locked or open, etc.). A wire is included that, when grounded, will prevent the vehicle from starting.

### Installation Instructions

#### Disconnect vehicle battery before proceeding with installation

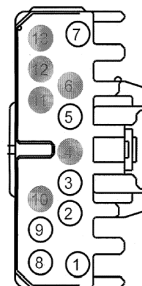


It is the installer's responsibility to route and secure all wiring harnesses where they cannot be damaged by sharp objects, mechanical moving parts and high heat sources. Ensure when routing harnesses that the tilt steering column does not contact them in the full down position. Failure to do so could result in damage to the system or vehicle and create possible safety concerns for the operator and passengers. It is important to avoid placing the module where it could encounter strong magnetic fields from high current cabling connected to motors, solenoids, etc. Also avoid radio frequency energy from antenna's or inverters next to the module. Finally, avoid high voltage spikes in vehicle wiring by always using diode clamped relays when installing upfitter circuits.

### Ignition Switch Connection

1. Remove the lower steering column trim cover. Locate the ignition switch connector (C250) and disconnect it from the ignition switch.
2. Install the A-SD505 harness between the Ignition Switch and the OEM connector.

**E Series  
C250  
Front of  
Connector**



### Starter Disable Wire

1. The Black wire in pin 4 of the Molex connector can be used to prevent the vehicle from starting when equipment has not been properly stowed or an emergency door is open, etc. This can be connected to any number of grounding switches (connected in parallel). The mating connector part number is 0050841040.

**Molex Part  
#0050842042**



### Post Installation

1. Verify that the vehicle will not start when the equipment that is connected to the Black wire is not stowed.
2. Verify that the vehicle will start when the equipment that is connected to the Black wire is stowed.

**DO NOT PUT VEHICLE IN SERVICE IF IT DOES NOT PASS THE ABOVE TEST**  
**Contact InterMotive at 530-823-1048 for technical assistance.**