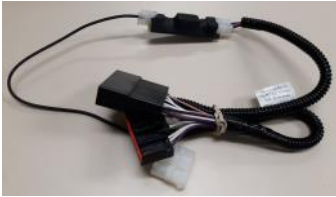


# Instructions



**A-CD507-A**  
**2011-2022 Ford F250-F600**  
**2015-2023 Ford Transit**  
**2021 Ford E-Series**  
Contact InterMotive for additional vehicle applications

## System Overview

The A-CD507-A 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.

(Crank Disable cannot be used with push-to-start nor remote start options.)

## Installation Instructions

**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 and solenoids when installing upfitter circuits.

## CAUTION

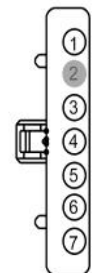
All electronic products are susceptible to damage from Electrostatic Discharge or ESD. Ground yourself before handling or working with the module and harnessing by first touching chassis ground, such as the barrel of the cigarette lighter.



## 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-CD507-A 7-pin harness between the Ignition Switch and the OEM connector.
3. Plug the 6-pin connector into the mating connector on the A-CD507-A module.

**Front of Ignition Connector**

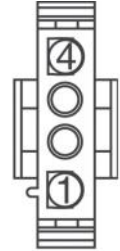


# Instructions

## Crank 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. Plug the 2-pin connector into the mating connector on the A-CD507-A module.

**Molex Part  
#0050842042**



## Post Installation

1. Verify that the vehicle will not start when the Black wire in pin 4 is grounded.
2. Verify that the vehicle will start when the Black wire in pin 4 is not grounded.

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