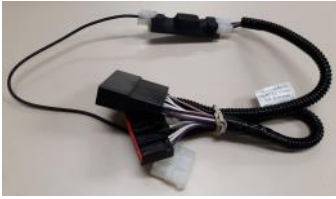


# Instructions



**A-CE508-A**  
**2023 Ford F250-F600**  
Contact InterMotive for additional vehicle applications

## System Overview

The A-CE508-A is a system that will enable vehicle starting if certain safety conditions have been met (lift door closed, vehicle in Park, emergency exit locked or closed, etc.). A wire is included that, when grounded, will enable vehicle starting.

(Crank Enable 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

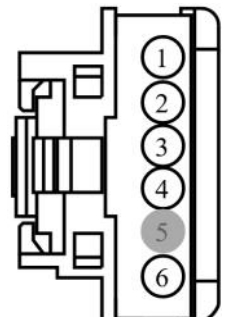
All electronic products are susceptible to damage from Electrostatic Discharge or ESD. Ground yourself before handling or working with the module and harnessing by first touching chassis ground, such as the barrel of the cigarette lighter.



## 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-CE508-A 6-pin harness between the Ignition Switch and the OEM connector.
3. Plug the 6-pin connector into the mating connector on the A-CE508-A module.

**Ignition  
Connector**



# Instructions

**Molex Part  
#39012020**

## Starter Enable Wire

1. The Black wire in pin 2 of the Molex connector can be used to enable vehicle starting when equipment has been properly stowed or an emergency door is closed, etc. This can be connected to any number of grounding switches (connected in parallel). The mating connector part number is 39012020 (Not Included). Plug the 2-pin connector into the mating connector on the A-CE508-A module.



## Post Installation

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