

Instructions



A-CD508-A

2023 Ford F250-F600

Contact InterMotive for additional vehicle applications

System Overview

The A-CD508-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.



Instructions

Ignition Switch Connections

1. Remove the left side trim piece using a trim removal tool. There are several clips and a “tree” plug securing it to the dash.

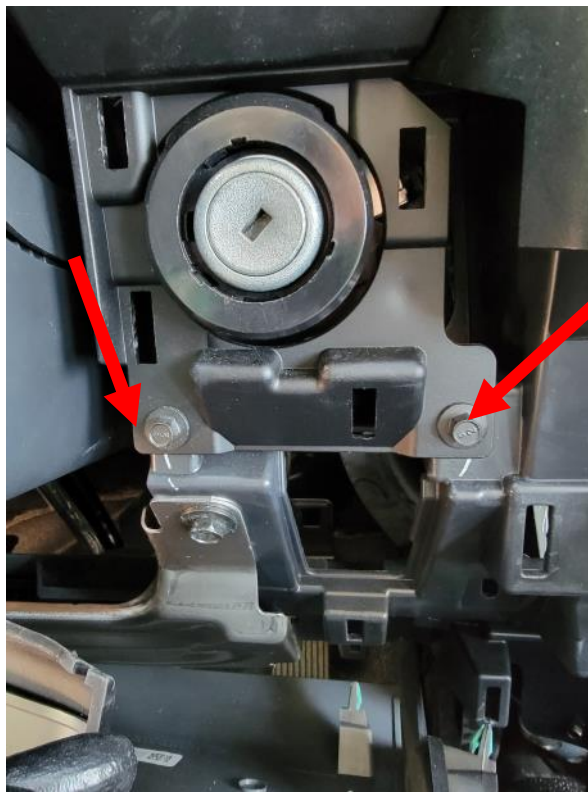


2. Remove the dash upper trim using a trim removal tool. It is attached by multiple clips. (Trim piece already removed in picture)

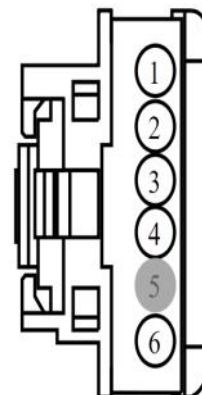


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3. Remove (3) 7mm screws securing the Instrument Panel Surround to the dash.



4. Lower the steering column and pull the Instrument Panel Surround away from the dash. There are a couple clips securing it to the dash. Connector C250 is on the bottom side of the ignition switch. Plug the mating ends of the InterMotive ignition harness into the ignition switch and OEM harness.
5. Route the harness to the mounting location of the EMS module.



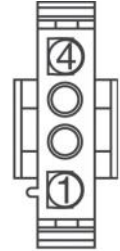
C250
Front of
Connector

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-CD508-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.