

Starter Disable

2009-2019 Chevrolet Express/GMC Savana (GM Built*) A-SD601

2017-2021 Chevrolet Express/GMC Savana (Navistar Built*) A-SD602

* In 2017-2018, the ignition switches on Chevy Express and GMC Savana's began changing to an updated switch (Navistar). Instructions for determining which switch is installed on the vehicle are available on page 2. If the vehicle has the updated switch (Navistar), the A-SD602 will be the appropriate kit for the installation. If it has the earlier ignition switch (GM), the A-SD601 will be appropriate.

Introduction

The A-SD601/602 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



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

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.

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**



Plug and Play Connectors

Note: Before ordering a plug and play connector, it will be necessary to determine which ignition switch is installed on the vehicle. This can be determined by looking at the first 3 digits of the VIN. If the second VIN character is an **"H"** or the first three digits of the VIN are **"7GZ"**, the vehicle is an incomplete vehicle manufactured by **Navistar**. All other combinations of the first three VIN characters will signify that the vehicle has been manufactured by **General Motors**.



GM Ignition Switch Connector



Navistar Ignition Switch Connector

The procedure for installing the plug and play connectors are the same for the Navistar and GM ignition switches.

1. Remove the lower steering column trim cover. Locate the Ignition Switch connector and disconnect it from the switch.



Plug and Play Connectors (Continued)

2. Remove the OEM 6 pin connector from the ignition switch and connect it to the female connector of the SD601/602 harness. Connect the male SD601/602 connector to the OEM ignition switch.



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.**