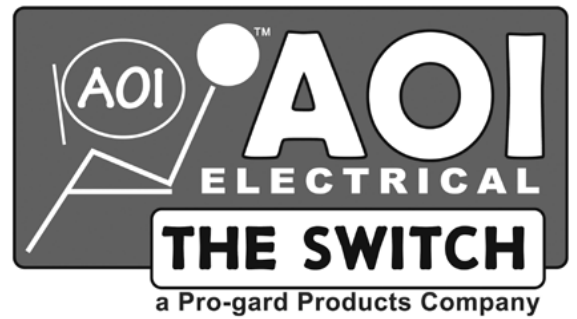
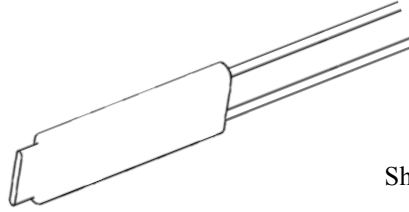


INSTALLATION GUIDE
AOI0021 UNIVERSAL SHUNT



aoielectrical.com
800.480.6680

THESE COMPONENTS ARE REQUIRED
TO INSTALL THE AOI AIR BAG CONTROL SYSTEM



Shunt Connector

- I. Read all instructions carefully before starting the assembly process.

WARNING:

Never probe the electrical connectors on air bag, safety canopy or side air curtain modules. Failure to follow this instruction may result in the accidental deployment of these modules, which increases the risk of serious personal injury or death.

WARNING:

When performing service on or near the Supplemental Inflatable Restraint (SIR) components or the SIR wiring, the SIR system must be disabled. Failure to observe the correct procedure could cause deployment of the SIR components. Serious injury can occur. Failure to observe the correct procedure could also result in unnecessary SRS system repairs. Consult OEM Dealer or Repair Manuals for correct procedures.

- III. Pre-Installation Procedure

- A. Verify that the SRS (Supplemental Restraint System) is functioning properly. Refer to the vehicle owner's manual for determining proper function.
- B. If the air bag system completes its self-testing procedure as described in the owners manual, you may proceed with the installation process.

Note: If the system is not working per the vehicle owner's manual, DO NOT ATTEMPT TO INSTALL THE AIR BAG SHUNT. The vehicle needs to be taken to your local service department to have the air bag system repaired.

IV. Air Bag Shunt Installation

- A. Disconnect the vehicle battery power and allow sufficient drain time for the SRS System.
- B. Remove necessary trim panels, and/or support members to gain access to the Air Bag Module.
- C. Identify the Air Bag wires and In-line Connector if equipped.

CAUTION: At NO TIME, while the air bag circuit is unplugged, should the ignition be turned on.

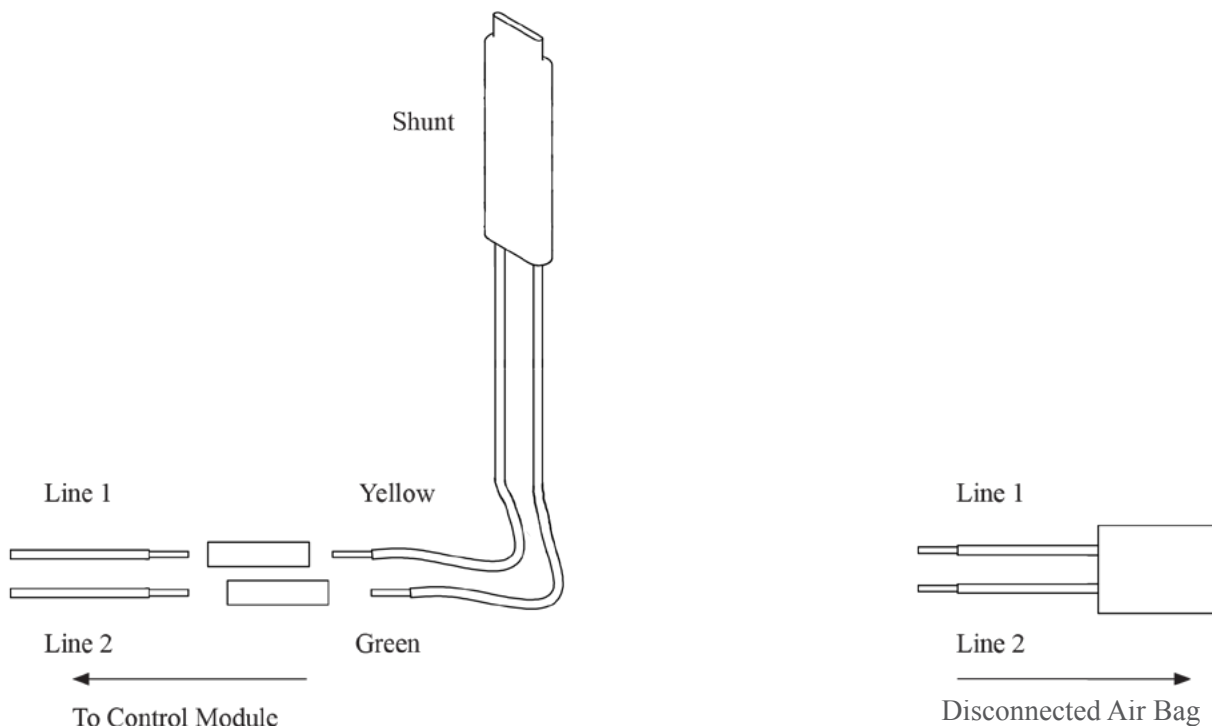
- D. Locate the pair of Air Bag wires for the corresponding Air Bag. You MUST be able to identify the pair of wires on the Air Bag.
- E. Find a spot in the pair of wires that will leave enough slack to work with and cut both wires.
- F. Connect the shunt wires to the airbag lines heading toward the restraint control module. ***Polarity does not matter.*** See Fig. 1.

G. Individually insulate the connections and insulate the remaining wires leading to the canister Air Bag. The wires to the Air Bag Canister are not used when the shunt is in place.

WARNING: *Some states require that the disconnected air bag be removed.*

- H. Secure the shunt and the wires so that they are not in the way, can not be damaged, and are firmly held in place.

Fig. 1



VII. Testing the AOI Shunt

A. Reverify that the SRS (Supplemental Restraint System) is functioning properly. Refer to the vehicle owner's manual for determining proper function.

B. If the air bag system completes its self-testing procedure as described in the manual, you have installed the Shunt correctly. Reinstall any trim or support members.

NOTE: If the check light comes on, whether flashing or a solid light, do some preliminary checks. Make sure the shunt is connected and completely seated. Double check the rest of the air bag system to make sure no other connections have come loose.

If these preliminary checks don't correct the problem, call AOI Electrical, at the toll free number (800) 480-6680, and ask for technical assistance.

DO NOT ALLOW THE VEHICLE TO BE DRIVEN UNTIL THE AIR BAG SYSTEM IS FUNCTIONING CORRECTLY!