

## Hood Switches

**2009-2016 Ford F250-F550 (S-ESB506-A)**

**2017 Ford F250-F550 (S-ESB507-A)**

**2009-2017 Ford E-Series (S-ESB501-A)**

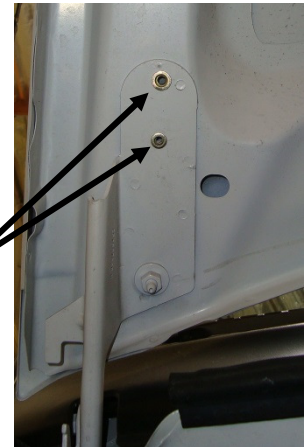
**2009-2016 Chevy Express/GMC Savana (S-ESB601-A)**

The InterMotive Hood Switch can be used in conjunction with other products that require a ground signal when the hood is closed. Possible uses include installation with the InterMotive Eco-Star anti-Idle system. In this application, the engine will not be allowed to restart if the hood is open, thus eliminating the risk of injury to the technician.

### **2009-2016 Chevy Express/GMC Savana (S-ESB601-A)**

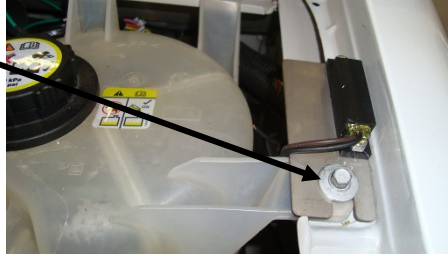
#### **Installation of the included rivet-nuts will require a rivet-nut hand tool.**

1. Locate the 2 existing holes on the passenger side of the hood and install the included rivet-nuts following the instructions provided with the hand tool. Use mandrel sizes # 1/4-20 and # 10-24 for the respective rivet-nuts.
2. Attach the upper hood switch using the supplied bolts onto the rivet nuts previously installed.
3. Loosen the existing bolt (see picture), install the lower hood switch, and tighten the bolt.
4. Attach one of the wires on the lower hood switch to chassis ground and the other wire to the system being installed.
5. Ensure there is a ground signal present on the wire connected to the system when the hood is closed, and goes away when the hood is open.



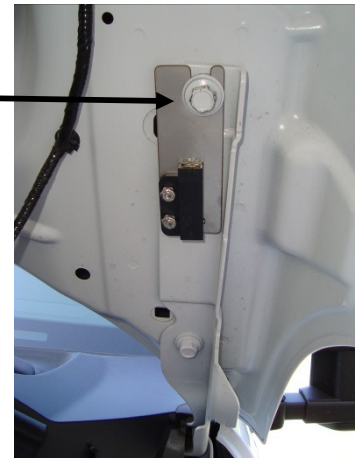
## 2009-2017 Ford E-Series (S-ESB501-A)

1. Locate the 2 existing holes on the drivers side of the hood.
2. Install the upper hood switch onto the respective holes and tighten the larger bolt to 20 in/lb. Ensure that the hood switch is securely fastened.
3. Loosen the OEM bolt fastening the coolant reservoir. Install the lower hood switch, and tighten the bolt.
4. Attach one of the wires on the lower hood switch to chassis ground and the other wire to the system being installed.
5. Ensure there is a ground signal present on the wire connected to the system when the hood is closed, and goes away when the hood is open.



## 2009-2016 Ford F250—F550 (S-ESB506-A)

1. Locate the OEM bolt on the drivers side of the hood.
2. Loosen the bolt, install the upper hood switch, and tighten the bolt. Ensure the hood switch is securely fastened.
3. Locate the OEM bolt shown in picture.
4. Loosen the bolt, install the lower hood switch, and tighten the bolt. Ensure the hood switch is securely fastened.
5. Attach one of the wires on the lower hood switch to chassis ground and the other wire to the system being installed.
6. Ensure there is a ground signal present on the wire connected to the system when the hood is closed, and goes away when the hood is open.



## 2017 Ford F250—F550 (S-ESB507-A)

1. Locate and remove the existing bolt in the location shown in the photo (drivers side, under hood).
2. Install the bracket in the location shown and tighten the bolt.
3. Attach one of the wires on the hood switch to chassis ground and the other wire to the system being installed.
4. Ensure there is a ground signal present on the wire connected to the system when the hood is closed, and goes away when the hood is open.

