



The following term is used to bring attention to the presence of hazards of various risk levels or to important information concerning product life.

DANGER

Indicates the presence of hazards that will cause severe personal injury, death, or substantial property damage if ignored.

DANGER

Do not allow hardware to drop inside alternator. Loose hardware inside alternator cavity or stator windings or field coil will cause substantial equipment damage.

1. Place new bracket, spacer, and regulator on top of control unit as shown in Figure 1 or 2.
2. Use a suitable adhesive, such as Loctite® 222 on new hardware. Follow manufacturer's instructions. Loosely install (see Figure 1 or 2):
 - a. one long (Note: medium for Figure 2) screw and washer in regulator mounting hole above spacer.
 - b. remaining long screw and washer in front regulator mounting hole above bracket.
 - c. one short screw and washer in rear regulator mounting hole above bracket.
 - d. remaining short screw and washer in bracket. (Note: two screws and washers are required in Figure 2.)
3. Torque screws in a-b-c-d order listed in step 2 to 2-2.25 Nm/18-20 lb. in.
4. Plug harnesses into regulator receptacle in housing and connect cabling.

Test unit on bench to verify proper operation after assembling.

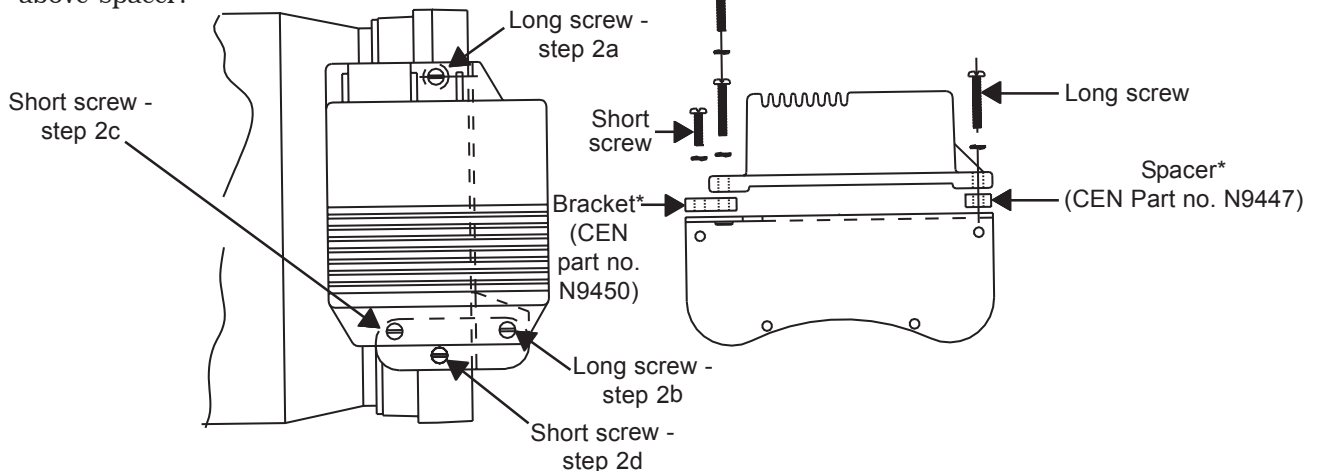


Figure 1—N1380-1/N1380-2 Alternator with New N3104 or N3109 Regulator

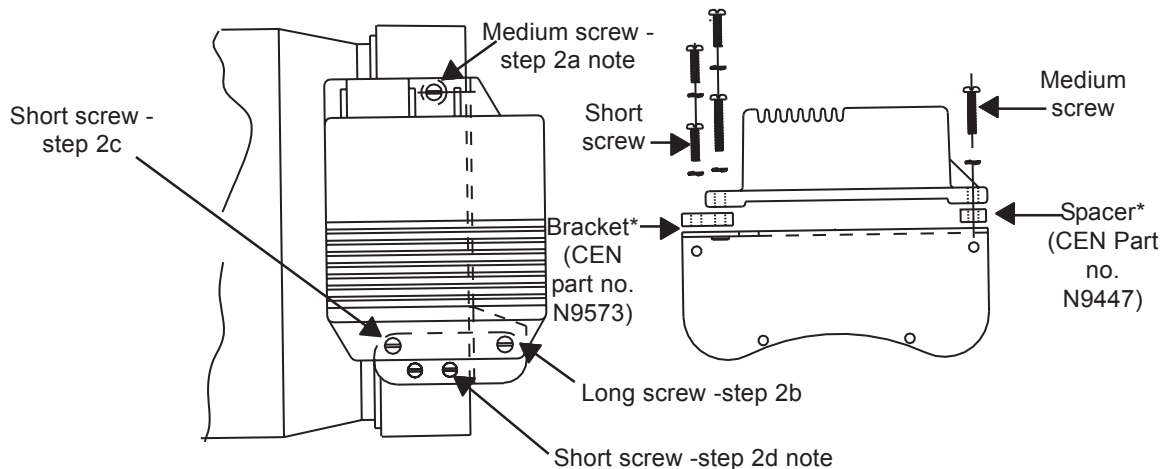


Figure 2—N1382-1/N1382-4 Alternator with New N3104 or N3109 Regulator