



Figure 1

PARTS LIST:

- 1 Lamp Fixture, Hooded with wire
- 2 Lamp Fixture wire extension
- 1 #1003 Light Bulb
- 1 Fuse, SFE 4 amp, Short
- 2 Screw, Hex washer Head, Self-Tapping, 10/16 x 3/4"
- 1 Screw, Filister Head, Slotted, Machine, 10-32 x 1/2"
- 5 Clip, Wire Retaining Sheet Metal, Small

REQUIRED TOOLS:

- Drill Motor with 5/32" drill bit
- 5/16" nut driver or socket
- 1/2" open end wrench
- Pair of standard pliers
- Blade Screwdriver
- Center punch & hammer

INSTRUCTIONS SHEET

1962-64 CORVAIR
ENGINE COMPARTMENT LAMP
INSTALLATION

M&H Electric Fabricators, Inc.
AUTOMOTIVE WIRING SYSTEMS
Phone (562) 926-9552 Fax (562) 926-9572

Procedure:

1. Disconnect the battery ground cable using either the ½" open end wrench or pliers (depending on the battery terminal).
 2. Locate the lamp mounting position on the center of the engine compartment lid per Figure 1.
 3. Mark, center punch and drill one of the two lamp bracket holes using a drill motor and 5/32" drill bit.
- Caution:** Take care not to drill through the outer skin of the Engine Compartment lid. Use a piece of tubing or a stack of nuts on the drill bit to limit the depth of the drill bit when it penetrates the inner structure metal.
4. Mount the lamp fixture to the one hole that was just drilled using one of the two hex head screws. Tighten the screw snugly.
 5. Verify that the lamp is mounted straight with the first screw. Mark the second lamp bracket hole, center punch and drill.
 6. Secure the lamp fixture with the second supplied hex head screw. Tighten both mounting screws.
 7. Route the wire up to the inner structure slot and then down through the engine lid inner structure and then to the driver's side toward the engine lid hinge per Figure 1.
 8. Secure the wire to the engine compartment lid inner structure and inside the hinge using the supplied 5 clips as shown in Figure 1. Leave sufficient slack on top for later lamp housing adjustment.
 9. Be sure to secure the wire to the top clip closest to the lamp housing and keep it away from the lamp mounting screws that it might rub against, wear and short out.

Note: Be sure the wire is attached to the inside of the hinge. If the wire is attached to the outside of the hinge, it might bind between the hinge and firewall hinge pocket when the engine compartment lid is lowered and could be damaged.

10. Connect the lamp fixture wire fuse holder to the Lamp wire Extension fuse holder using the supplied fuse.
- Note:** Use caution not to twist the two fuse holder ends as the fuse cap may come apart inside.
11. Replace the existing short screw with the supplied longer screw on the "Bat" terminal of the voltage regulator.
 12. Connect the lamp wire to the "Bat" terminal of the voltage regulator along with the existing wires as shown in Figure 1.
 13. Inspect the installation. Look for any place the lamp wire may become damaged in the future.
 14. Re-connect the battery ground cable.

- Notes:**
1. If the vehicle is equipped with a generator, it may be necessary to Polarize the Voltage regulator if the vehicle does not charge properly after the battery cable has been disconnected.
 2. Make sure that there is enough slack in the wire between the last hinge clip and voltage regulator to allow opening and closing of the trunk lid.
 3. If the lamp does not turn off when the lid is lowered to within 8 inches of being closed while parked on a level surface, carefully bend the lamp down in small increments and re-test. Repeat as necessary.
 4. If the lamp does not turn off when the lid is lowered to within 8 inches of being closed while parked on a level surface, carefully bend the lamp down in small increments and re-test. Repeat as required. The 8" specification is a factory normal setting. Users should consider normal vehicle parking angles when different from level conditions exist to avoid battery discharge due to the lamp staying on while parked.

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