



LC Engineering Billet Plug Wire Loom

The LC Billet Plug Wire Loom will keep your plug wire out of harms way of your header or exhaust manifold while adding a custom look to your engine. There are two options for installing your new wire loom. You can route the wires under the plate or over the plate. Below this is instructions for both options. Please read complete instructions before installing your wire loom.

Installation:

1. Remove stock wire holder clips from valve cover.
2. Install your new Billet Loom on the valve cover. Use the supplied M8 bolts and install the nylon washers between the bolt head and the wire loom to prevent damage to your wire loom.
 - a. We supply 3 aluminum spacers for mounting your wire loom. You will need to use one or two of these under the plate on the front mount. Most early (81-84) valve covers will use both spacers and most late (85-95) valve covers will just use on spacer.

Wires On Top:

3. Install the wire isolators on your plug wires leaving them loose.
 - a. The threaded piece of the isolators needs to be on the bottom and the non-threaded piece will be on the top.
 - a. Replace the bolts that come in the isolators with the longer, socket head allen bolts (the black bolts, the stainless bolts will not be used for top routing).
4. Position the isolators on top of the wire loom, sliding them along the wires as needed to line up with the mounting holes.
5. Tighten the isolator allen bolts to prevent the wires from moving.
6. Install nylock nuts on the bottom of the wire loom.
 - b. Be sure to hold the bolt from turning otherwise it will loosen the isolator around the wires.
7. Polish with soft cloth to remove finger prints.

Wires Underneath:

3. Remove the bolts from the wire isolators.
4. Place the isolators under the wire loom and install the new stainless steel button head bolts through the top of the wire loom into the isolators.
 - a. The threaded piece of the isolators needs to be on the bottom and the non-threaded piece will be on the top.
 - b. Thread the bolts through the isolators just enough to hold them together. This will allow you to hang the isolators from the wire loom but still have enough room to place the wires between the two halves of the isolators.
5. Route the wires into the isolators and tighten the isolator bolts.
6. Install the nylock nuts underneath the isolators using a wrench.
 - a. Be sure to hold the bolt from turning otherwise it will loosen the isolator around the wires.
 - b. The nylock nuts will prevent the bolts from loosening up from the engine vibrations.
7. Polish with soft cloth to remove finger prints.

