



# Baryl™ SOLDER PLUG

## Splash Proof Power Plug Assembly Instructions

### What is in the kit:

- 1- Baryl™ Solder Plug
- 1- Molded Cover Sleeve
- 1- Covering Shrink Tube

### What you provide:

Your 12V accessory power cable



### WARNING

Baryl Power Ports are intended for use with 12 Volt accessories only! Connection to accessories intended for other voltages can cause severe damage to the connected device which could in turn result in personal injury. Consult the accessory technical specifications for correct operating voltage.



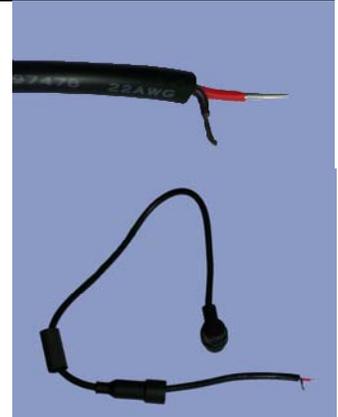
### WARNING

Baryl Plugs are 12 volt devices that may be connected directly to the vehicle battery.

**Incorrect polarity connection** can cause severe damage to connected device which could in turn result in personal injury. Assembling this part requires soldering skill typical of electronics assembly. Be sure you have the technical ability to correctly perform this assembly. If in doubt have a qualified technician assemble the Baryl plug.

BEFORE you start, read and understand these instructions through to the end.

1. Mount both the Baryl™ power socket and 12V accessory on the vehicle in the location desired. Plug the power cable into the 12V accessory and route it to the Baryl™ power socket. When you are satisfied with cable routing, cut the cable to length.
2. Slide the shrink tube and molded cover sleeve over the cable.
3. Strip the cable jacket back approximately 5/8" (16mm).
4. Strip the positive wire (usually red) approximately 3/8" (9mm) and the ground wire (usually black) approximately 1/2" (12mm) as shown. Note that the ground wire insulation barely protrudes past the cable jacket. Do not trim the excess bare wire. This will make it easier to poke the wires through the small connector holes.
5. Poke the wires through the small holes in the connector. Be sure the positive wire is attached to the center post tang and the ground wire to the shell tang.



### BEFORE SOLDERING CHECK LIST !

- Wire polarity correct!** — Positive to the center post tang; Negative to the shell tang.
- Cover Shrink Tube and molded cover sleeve placed on the cable at least 1.5" (38mm) from the joint

6. Solder the wires to the tangs.
7. Trim the wires as close to the tang as possible. Touch up the solder joint with a touch of the soldering iron if necessary.
8. Crimp the strain relief tangs firmly around the jacket.
9. Slide the molded cover in place over the plug. The tip of the plug should be flush with the end of the molded cover.
10. Slide the cover heat shrink tube over the molded cover nipple and shrink in place.



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Patent Pending