



BARYL™ PLUG

Splash Proof Power Plug Assembly Instructions

What is in the kit:

- 1- Baryl Plug
- 2- Solder-Shrink Butt Connectors
- 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.

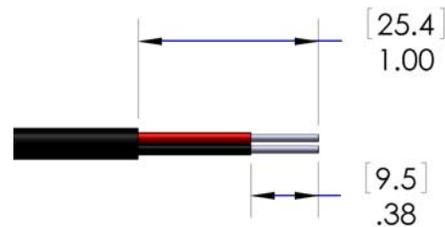
WARNING

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. Be sure you have the technical ability to correctly perform this assembly. If in doubt have a qualified technician assemble the Baryl plug.

Note: these instructions assume that you have a Baryl Socket installed on your vehicle. The socket location will be used to determine the correct length for the finished Baryl Plug/Power Cable assembly.

Be sure to read and understand these instructions through to the end BEFORE starting the assembly.

1. Plug the Baryl plug into the Baryl socket.
2. Plug the accessory power cable into the accessory and run it parallel to the Baryl plug cable.
3. Route the paired cables as desired. Be sure that the cables do not interfere with any steering or control functions and are clear of any obstructions that may chafe or cut the cable. When a suitable routing has been achieved, tape the two cables together. This is temporary so any removable tape such as masking or blue painter's tape will work.
4. Remove the paired cables from the vehicle.
5. Cut through both cables. Hint: cut the cables at a point that will allow the Covering Shrink Tube (provided) to fit loosely over the cable with at least 1.5" (38mm) of clearance to the joint. This will ensure that the shrink tube will not be shrunk prematurely by the joining process.
6. Strip the jacket of both cables to expose approximately 1" (25mm) of the wires. Be very careful not to nick the wire jacket when stripping the cable jacket.
7. Strip the ends of the wires on both cables approximately 3/8" (10mm).
8. Insert the stripped ends of each wire into the butt connectors. Allow the strands of the wires to intermingle with each other at the center of the butt connector. Place the butt connector as close to the end of the cable jacket as possible. This will provide a smoother finish to the joint when it is covered with the shrink tube. [continued on reverse side]



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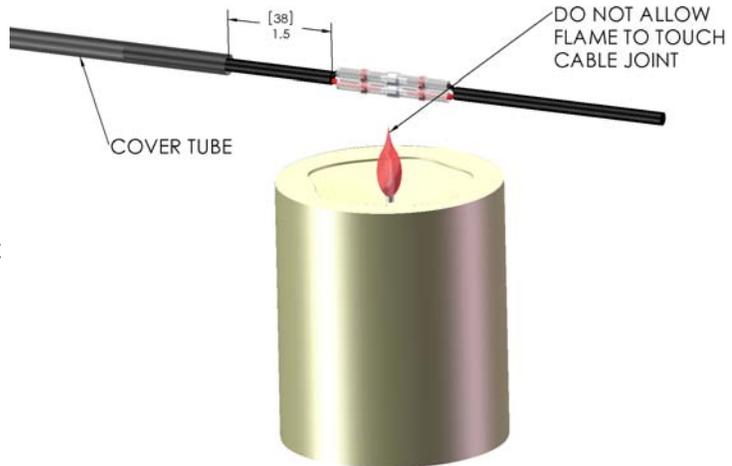
Patent Pending

BEFORE SOLDERING CHECK LIST !

- Is the wire polarity correct!**—Positive to Positive; Negative to Negative
- Is the Cover Shrink Tube placed loosely on one of the wires at least 1.5" (38mm) from the joint

9. Heat the connections uniformly to shrink the jacket and melt the solder of the butt connector. The cable should be gently moved back and forth and rotated to ensure uniform heating.

NOTE: A heat gun capable of heating to 500°F (260°C) is the preferred method of applying heat but any heat source will suffice. A candle is a good alternative as it can be placed on a work surface allowing both hands to be used for moving and rotating the cable for uniform heat.



DO NOT ALLOW THE FLAME TO TOUCH THE CABLE JOINT.

A BIC™ lighter can be used as a heat source, however, it helps to have two people do the job: one to move the cable over the heat while the other holds the lighter.

10. Allow to cool to where you can comfortably touch the butt connector! If the joint is not cool when the cover shrink tube is slid into place it will begin to shrink as soon as it touches the joint preventing proper location.
11. Inspect the joint to be sure that the solder has melted and covered the wires. If not reheat the joint until a good solder flow is achieved.
12. Slide the cover shrink tube over the joint and heat uniformly to shrink the tube.



The finished joint in the perfect world of computer graphics



An actual joint mating a Garmin™ Zumo GPS power cable to the Baryl plug.