

Thank you for your purchase of a premium replacement Headlamp Socket from Novità!

In opening the package, you will find the following contents:

- Premium replacement headlamp socket
- Pre-cut, adhesive-lined, heat shrink tubing
- Uninsulated butt splice connectors

} Component quantities vary per product



Headlamp socket may be different than shown.

When comparing a Novità replacement headlamp socket to an Original Equipment Manufacturer (OEM) headlamp socket, you may notice a few differences.

Frequently Asked Questions (FAQ):

- Why does it look and feel a little different?

Novità engineers have chosen only premium materials for use in our headlamp sockets. These materials may differ from the OEM headlamp socket but are rated for high temperatures and extremely long durability.

- Why does the wire seem thicker?

Novità uses 14 AWG wire on our headlamp sockets compared to 16 AWG wire typically used on OEM sockets for several reasons. Thicker gauge wire allows for better heat absorption and heat transfer while allowing for more power to reach the headlamp bulb which, in turn, increases headlamp brightness!

- What are all these other pieces?

Novità engineers have determined that a combination of the crimped uninsulated butt splice, insulated with a 2" piece of adhesive lined heat shrink tubing, offers a highly reliable yet extremely simple installation that will resist corrosion over time.

When heated, the adhesive lined heat shrink tubing contracts while the adhesive lining inside melts and flows over the crimped splice in order to seal against corrosion and environmental factors that could potentially deteriorate Original Equipment (OEM) vehicle wiring harnesses.

## TOOLS REQUIRED:



Handheld wire cut/strip/crimp tool



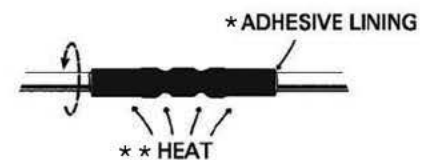
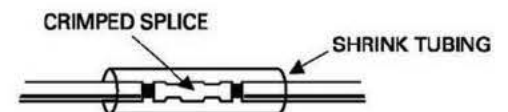
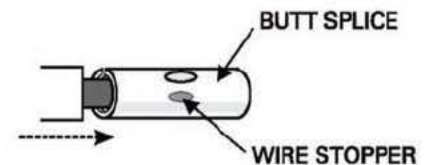
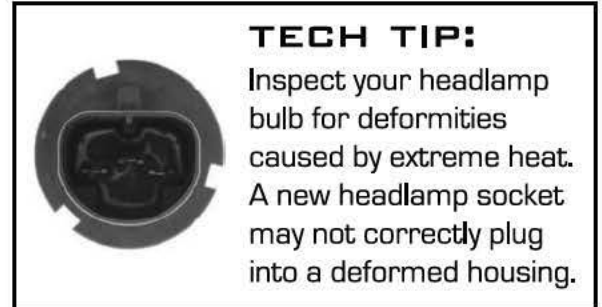
Heat gun/Blow-dryer

## INSTALLATION PROCEDURE:

1. Disconnect and secure the negative battery terminal.
2. Unplug the OEM headlamp socket from the headlamp bulb.
3. Verify the replacement headlamp socket matches the OEM socket.

**Perform the following steps one (1) wire at a time in order to ensure that the correct wires are connected to the replacement headlamp socket. Connecting your wiring incorrectly could result in premature failure of the headlamp socket, bulb, OEM wiring and/or other components.**

4. Cut one (1) wire of the OEM headlamp socket from the existing vehicle wiring approximately 6" downstream of the connector.
5. Using handheld wire strippers, strip 1/4" of insulation off the end of the OEM wire, as well as, the end of the mating wire on the replacement headlamp socket.
6. **Slide one (1) piece of heat shrink tubing onto the OEM wire before crimping the wires together.**
7. Push one (1) end of the OEM wire into the uninsulated butt connector and, using a handheld wire crimper, crimp the uninsulated butt connector onto the wire with enough force to make a tight connection. Repeat this step on the replacement headlamp socket mating wire.
8. Slide the 2" piece of adhesive lined heat shrink tubing over the uninsulated butt connector joint so that it covers the exposed joint entirely. Using a heat gun, apply heat to the adhesive-lined heat shrink tubing until it shrinks.  
**During this process, you should see liquid adhesive flow out the sides of the tubing. Do not overheat.**
9. After the connection has cooled down, repeat steps 4 through 8 until your replacement headlight socket is installed successfully.
10. Reconnect negative battery terminal and verify proper headlamp function.



- \* Adhesive lining should not bubble or drip. These are signs of overheating.
- \*\* Heat should be applied from the middle out to the ends and should be only applied long enough to form a tight, secure connection on the wire.



# HEADLAMP SOCKET INSTALLATION GUIDE

## **DISCLAIMER:**

These installation procedures are merely guidelines for typical applications. Novità recommends having a trained and certified automotive technician complete the installation and inspection of the electrical system. Novità's warranty ([www.novitatech.com](http://www.novitatech.com)) is limited to 12 months from the date of purchase of the part, and is limited to replacement of the part ONLY. ALL OTHER EXPRESS AND IMPLIED WARRANTIES OR LIABILITIES, INCLUDING THOSE OF FITNESS FOR A SPECIFIC PURPOSE AND APPLICATION, ARE DISCLAIMED TO THE EXTENT SUCH EXCLUSION IS PERMITTED BY LAW. Only use these parts in the intended vehicle lighting application, and for use in light passenger and heavy duty highway vehicles only and in no other industry. These parts are not designed for use in military, school bus, or airline industry.