Necklace Barrel Clasp Repair

Repair broken barrel clasp by reinserting the detached link into the back end of the clasp and soldering the two together for durability.

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INTRODUCTION

Barrel clasps are on many pieces of jewelry, but there are only guides available on how to replace the clasp—not how to repair it. Taking a broken necklace to a jeweler or completely replacing the clasp can be expensive and time-consuming. To reduce waste and save broken jewelry, we will demonstrate how to fix a broken barrel clasp necklace while properly operating a soldering gun safely.

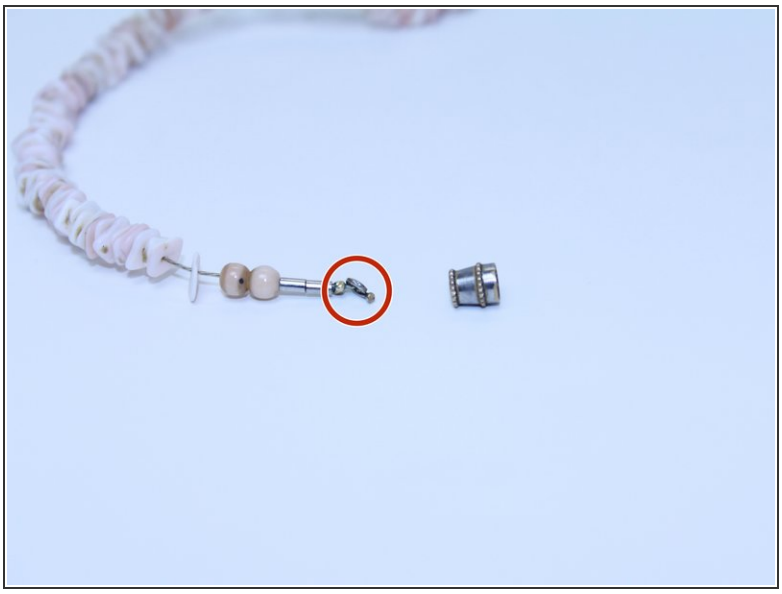
TOOLS:

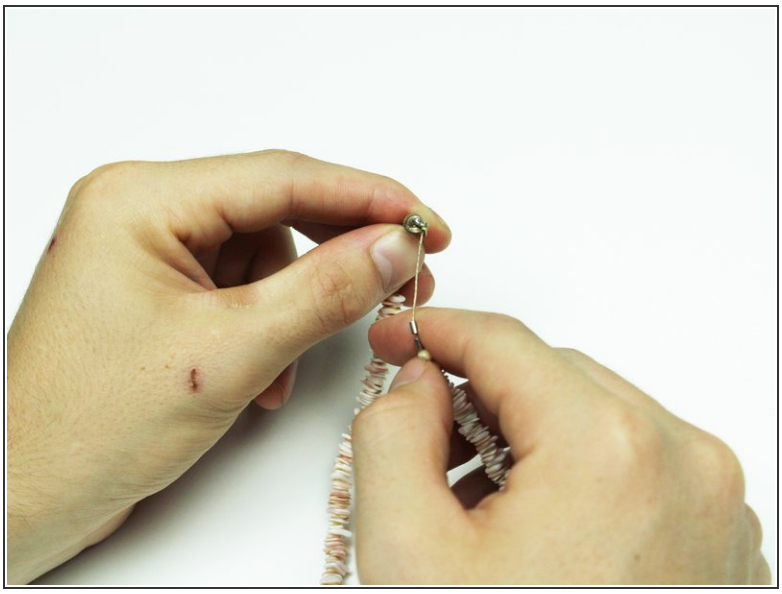
- Soldering Iron (1)
- Leather Work Gloves (1)
- Small Needle Nose Pliers (1)
- Soldering Tweezers (1)

PARTS:

- Barrel Clasp Necklace (1)
  Necklace has sentimental value

Step 1 — Necklace Barrel Clasp Repair





- Locate the broken part of the ring that attaches through the back of the barrel clasp.
- Bend the portion of the ring with needle nose pliers until the newly compact ring can be pushed through the barrel clasp and fit snug.

Step 2

- Plug in the electric soldering iron and set the solder temperature to the degrees that suits the melting point of both the soldering wire and the barrel clasp.

⚠ The soldering iron tip can get extremely hot and will cause severe burns if comes into direct contact with skin. Ensure you keep a safe distance, and wear safety equipment.

This method is not recommended for precious metals.

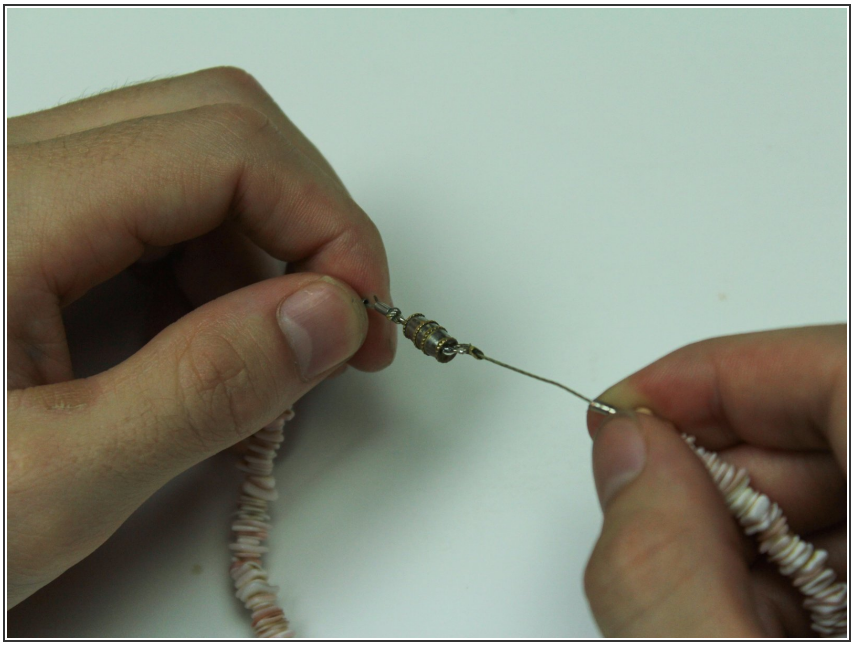
Step 3

Molten metal is extremely hot and will cause severe burns. Handle the soldering gun with care and keep your distance from the melting metal.

- Solder the base of the barrel clasp where the metal ring fits in, intersecting the tips of the soldering gun and soldering wire.

Ensure the barrel clasp and ring connection is covered, allowing anywhere from 10 to 30 seconds for the bond to harden and cool.

Step 4



- Attach the barrel clasp necklace back together and hold each end of the necklace taught to test the solder strength.

Do not pull too hard—the amount of strain may cause the solder to break.

To reassemble your device, follow these instructions in reverse order.