



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 taut 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.