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Spartan Power RED&BLACK-JUMPERCLAMP

Spartan Power Replacement Jumper Cable Heavy Duty Car Battery Clamps

INSTRUCTION MANUAL

Model: RED&BLACK-JUMPERCLAMP

Product Overview

The Spartan Power Replacement Jumper Cable Heavy Duty Car Battery Clamps are designed to replace old or damaged clamps on existing jumper cables. These clamps feature pure copper jaws and a robust construction, ensuring reliable power transfer for various automotive applications. They are specifically engineered for cables with a ring terminal for a secure bolt-on installation.

KEY FEATURES

- **High Quality:** Features 100% pure copper jaws and a 1/4" terminal connection.
- **Double Power:** Innovative design provides power to both sides of the jaws for enhanced performance.
- **Tough & Durable:** Constructed from rugged nylon-based, glass-filled plastic for long-lasting use.
- **Bolt-On Installation:** Designed for easy installation on cables with a pre-fastened ring terminal.



Image: A set of red and black Spartan Power heavy duty battery clamps, showcasing their robust design and copper jaws.

Safety Information

Always prioritize safety when working with automotive batteries and electrical systems. Failure to follow these guidelines may result in injury or damage to equipment.

- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle's ignition is off and all accessories are turned off before connecting or disconnecting clamps.
- Avoid contact between the positive (+) and negative (-) clamps to prevent short circuits.
- Do not allow the clamps to touch any moving engine parts.
- Keep children and bystanders away from the work area.
- Work in a well-ventilated area to disperse any battery gases.

Setup: Attaching Clamps to Cables

These clamps are designed for bolt-on installation with cables that already have a ring terminal fastened to their ends. Ensure your existing jumper cables are terminated with ring terminals before proceeding.

1. Identify the positive (red) and negative (black) clamps.
2. For each clamp, locate the bolt and nut assembly where the cable will connect.
3. Align the ring terminal of your jumper cable with the bolt on the clamp.
4. Insert the bolt through the ring terminal and secure it with the provided nut. It is recommended to use a socket wrench for tightening due to limited space.
5. Ensure the connection is tight and secure to prevent arcing and ensure optimal conductivity.

**HEAVY DUTY
JUMPER CABLE CLAMP**

**SPARTAN
POWER**

PVC INSULATED **ALLIGATOR CLAMPS** **HIGH-QUALITY**

100% PURE COPPER

Image: A detailed view of the Spartan Power clamp's connection point, illustrating where a ring terminal cable is bolted on.

QUALITY & PRECISION

DURABLE INSULATION

Made from a rugged
glass-filled nylon plastic

SUPERIOR PERFORMANCE

Built with industry-leading
design and manufacturing

THIS CLAMP IS BOLT ON!

Connects to a ring terminal
fastened cable

RIGOROUSLY TESTED



Image: An angled view of the Spartan Power clamp, emphasizing the secure bolt-on mechanism for cable attachment.

Operating Instructions

Once the clamps are securely attached to your jumper cables, they can be used for jump-starting vehicles or connecting to battery chargers. Always follow the specific instructions for your vehicle or charging device.

GENERAL JUMP-STARTING PROCEDURE (CONSULT VEHICLE MANUAL FOR SPECIFICS):

1. Position the assisting vehicle close enough for the cables to reach, but ensure the vehicles do not touch.
2. Turn off both vehicles' ignitions and all electrical accessories.
3. Connect one red (+) clamp to the positive terminal of the dead battery.
4. Connect the other red (+) clamp to the positive terminal of the assisting vehicle's battery.
5. Connect one black (-) clamp to the negative terminal of the assisting vehicle's battery.
6. Connect the other black (-) clamp to an unpainted metal surface on the engine block or chassis of the dead vehicle, away from the battery and moving parts.
7. Start the assisting vehicle and let it run for a few minutes.
8. Attempt to start the dead vehicle. If it doesn't start immediately, wait a few minutes and try again.

9. Once the dead vehicle starts, disconnect the clamps in the reverse order: black (-) from the dead vehicle, then black (-) from the assisting vehicle, then red (+) from the assisting vehicle, and finally red (+) from the dead battery.

REPLACEMENT JUMPER CLAMP

PROFESSIONALLY MADE



Image: A Spartan Power clamp with its jaws open, revealing the pure copper contact points designed for efficient power transfer.

Maintenance

Proper maintenance will extend the lifespan of your Spartan Power battery clamps.

- **Cleaning:** After each use, wipe down the clamps with a dry cloth to remove any dirt, grease, or battery acid residue. If battery acid is present, neutralize it with a baking soda and water solution before wiping clean.
- **Inspection:** Periodically inspect the clamps for any signs of damage, such as cracked plastic, frayed copper strands, or loose connections. Replace if significant damage is found.
- **Storage:** Store the clamps in a dry, cool place, away from direct sunlight and corrosive materials.

Ensure the clamps are not touching each other during storage to prevent accidental short circuits.

Troubleshooting

If you encounter issues while using your Spartan Power battery clamps, consider the following common problems and solutions:

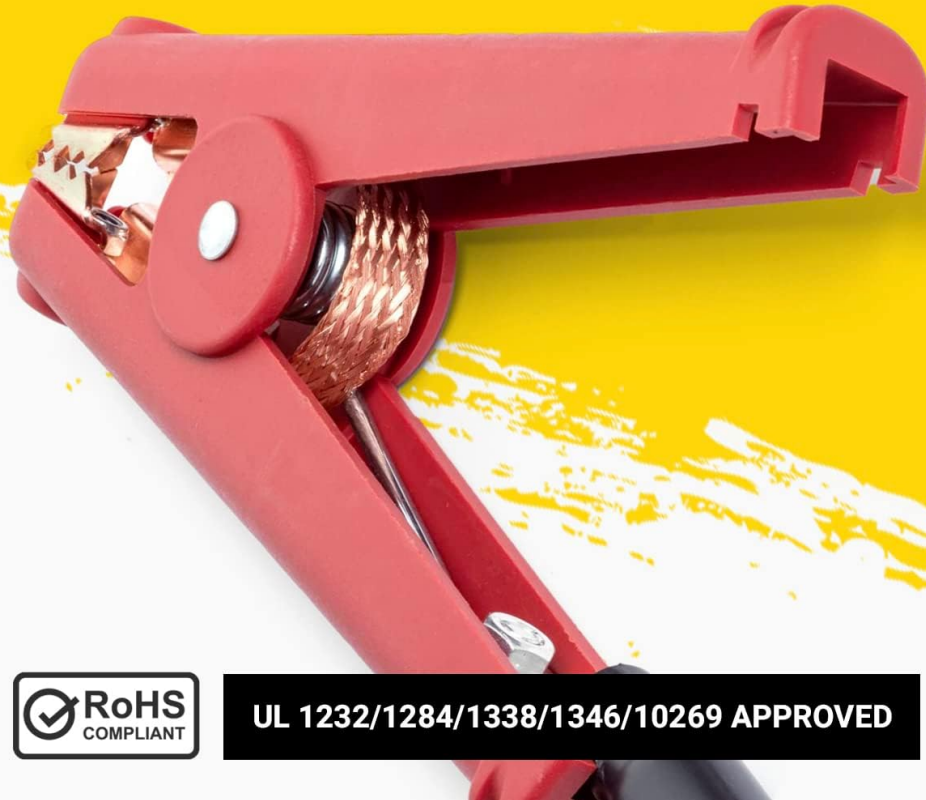
- **No Power Transfer:**
 - Check all connections to ensure they are tight and secure.
 - Ensure the clamp has a clean, solid contact with the battery terminal or chassis. Remove any corrosion or dirt.
 - Verify that the assisting battery is fully charged and capable of providing sufficient power.
- **Clamps Feel Loose on Terminal:**
 - Ensure the battery terminals are clean and free of corrosion, which can prevent a secure grip.
 - Confirm the clamps are fully opening and closing properly.
- **Clamp Overheating:**
 - This may indicate a poor connection or an excessive current draw. Disconnect immediately and re-evaluate the setup.
 - Ensure the cables connected to the clamps are of appropriate gauge for the application.

Specifications

Attribute	Detail
Manufacturer	Spartan Power
Brand	Spartan Power
Item Weight	12 ounces
Product Dimensions	7 x 5 x 9 inches
Item Model Number	SUVELAM
Manufacturer Part Number	RED&BLACK-JUMPERCLAMP
ASIN	B08843STJ1
Date First Available	May 5, 2020

UNIQUE DOUBLE-POWER CLAMP

**COPPER RIBBON CONNECTS EACH SIDE OF
THE CLAMP FOR 2X THE POWER**



UL 1232/1284/1338/1346/10269 APPROVED

Image: A Spartan Power clamp highlighting its quality and precision, noting durable insulation made from rugged glass-filled nylon plastic.



Image: A Spartan Power clamp emphasizing its unique double-power design, where a copper ribbon connects both sides of the clamp for increased power delivery.

Warranty and Support

Spartan Power is committed to manufacturing ultra-high quality products. For specific warranty information or technical support, please refer to the official Spartan Power website or contact their customer service directly.

You can visit the Spartan Power Store for more information and products:[Spartan Power Amazon Store](#)