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YESWELDER TG02-PRO

YESWELDER Welding Helmet Headgear TG02-PRO Instruction Manual

Model: TG02-PRO

1. Introduction

This manual provides detailed instructions for the installation, adjustment, maintenance, and troubleshooting of your YESWELDER TG02-PRO Welding Helmet Headgear. This headgear is designed as a replacement or upgrade for specific YESWELDER welding helmet models, ensuring a secure and comfortable fit during welding operations.

Compatible Welding Helmet Models:

- YESWELDER L500A
- YESWELDER M800H
- YESWELDER Q800D
- YESWELDER S400S

2. Safety Information

Always prioritize safety when working with welding equipment. While this headgear is a component, ensure it is correctly installed and adjusted to maintain the protective integrity of your welding helmet. Refer to your welding helmet's primary instruction manual for comprehensive safety guidelines.

- Ensure the headgear is securely attached to the helmet shell before use.
- Adjust the headgear for a snug, comfortable fit that prevents the helmet from slipping during welding.
- Inspect the headgear regularly for signs of wear, damage, or cracks. Replace immediately if any damage is found.
- Do not modify the headgear. Use only genuine YESWELDER replacement parts.

3. Product Overview



Figure 1: YESWELDER TG02-PRO Welding Helmet Headgear. This image displays the black headgear with its adjustable straps, padded forehead band, and rear ratchet adjustment mechanism.

The YESWELDER TG02-PRO headgear is designed for enhanced comfort and durability. It features a multi-point adjustment system to accommodate various head sizes and shapes, ensuring stability and reducing fatigue during extended use. The ratcheting system allows for precise tension control.

4. Setup and Installation

Follow these steps to install or replace the headgear in your compatible YESWELDER welding helmet.

1. **Remove Old Headgear (if applicable):** If replacing existing headgear, carefully detach it from the helmet shell. Note how the attachment points connect to the helmet.
2. **Identify Attachment Points:** Locate the attachment slots or pins inside your welding helmet shell. The TG02-PRO headgear has specific connection points designed to align with these.
3. **Align and Insert:** Align the headgear's side attachment tabs with the corresponding slots in the helmet shell. Gently push or slide the tabs into place until they click or are firmly seated. Ensure both sides are equally secured.
4. **Verify Security:** Once installed, gently pull on the headgear to confirm it is securely fastened to the helmet shell. It should not wobble or detach easily.

Note: The specific attachment method may vary slightly between helmet models. Refer to your welding helmet's original manual for detailed helmet-specific attachment instructions if needed.

5. Adjustment and Operation

Proper adjustment of the headgear is crucial for comfort, stability, and safety.

- **Headband Ratchet Adjustment:** The rear of the headgear features a rotary knob (ratchet). Turn this knob clockwise to tighten the headband for a snug fit, and counter-clockwise to loosen it. Adjust until the helmet feels secure without being overly tight.
- **Top Strap Adjustment:** The strap running over the top of your head can be adjusted for helmet height and balance. Loosen the pins or clips on the top strap, slide the strap to the desired length, and re-secure the pins/clips. This adjustment helps position the helmet's viewing area correctly in front of your eyes.
- **Side Tension Knobs (Helmet Pivot):** Your welding helmet typically has side knobs that control the tension of the helmet's pivot mechanism, allowing you to raise and lower the helmet. Ensure these are tightened enough to hold the helmet in the desired up or down position, but loose enough for smooth movement. (*Note: These knobs are part of the helmet, not the headgear itself, but are critical for overall helmet function.*)
- **Forehead Pad:** The forehead pad provides cushioning and absorbs sweat. Ensure it is positioned comfortably against your forehead.

Test the helmet's movement and fit before beginning any welding task. The helmet should stay in place when lowered and remain up when raised, without excessive effort.

6. Maintenance

Regular maintenance extends the life of your headgear and ensures continued safety.

- **Cleaning:** Clean the headgear with a mild soap and water solution. Avoid harsh chemicals or solvents, as these can degrade the plastic material. Wipe dry with a clean cloth. The forehead pad can often be removed and washed separately or replaced.
- **Inspection:** Periodically inspect all components of the headgear for cracks, deformities, loose connections, or excessive wear. Pay close attention to the ratchet mechanism and attachment points.
- **Replacement:** Replace the headgear if any part is damaged, worn out, or if it no longer provides a secure and comfortable fit. Replacement forehead pads are also available.

7. Troubleshooting

Problem	Possible Cause	Solution
Helmet feels loose or slips down.	Headband not tightened sufficiently; top strap too long.	Tighten the rear ratchet knob. Adjust the top strap to shorten the length and raise the helmet.
Helmet feels too tight or uncomfortable.	Headband too tight; top strap too short.	Loosen the rear ratchet knob. Adjust the top strap to lengthen it.
Headgear detaches from helmet shell.	Improper installation; damaged attachment points.	Re-install headgear, ensuring all tabs are securely clicked into place. Inspect for damage; replace headgear if damaged.
Ratchet mechanism slips or doesn't hold.	Worn or damaged ratchet components.	Replace the headgear.

8. Specifications

- **Model:** TG02-PRO
- **Material:** PP (Polypropylene)
- **Color:** Black

- **Item Weight:** Approximately 0.11 Kilograms (3.87 ounces)
- **Compatibility:** YESWELDER Welding Helmet Models L500A, M800H, Q800D, S400S

9. Warranty and Support

YESWELDER products are designed for quality and reliability. This headgear comes with a**1-Year Warranty** against manufacturing defects.
For technical assistance, warranty claims, or customer support, please contact YESWELDER customer service. Our**24/7 Customer Support** team is available to assist you.
For more information, visit the official YESWELDER website or refer to the contact details provided with your original welding helmet purchase.

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