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› Stanley 6MR77 MR77 Swivel Head Riveter Instruction Manual

STANLEY 6-MR77

Stanley 6MR77 MR77 Swivel Head Riveter Instruction Manual

Brand: STANLEY | Model: 6-MR77

1. INTRODUCTION

The Stanley MR77 all-steel riveter is a versatile tool designed for various fastening applications. Its unique 360° rotating head allows for use at any angle, providing flexibility in tight or awkward spaces. The tool includes four nose pieces and a convenient wrench stored directly in its handle, ensuring all necessary components are readily available. It is compatible with 3mm, 4mm, and 5mm aluminum and steel rivets, making it suitable for a wide range of projects.

Key Features:

- All-steel construction for durability.
- 360° rotating head for versatile use at any angle.
- Integrated storage for 4 nose pieces and wrench in the handle.
- Accepts 3mm, 4mm, and 5mm aluminum and steel rivets.
- Suitable for a wide range of applications.

2. COMPONENTS OVERVIEW

The Stanley 6-MR77 Swivel Head Riveter comes equipped with essential components for immediate use and versatility. Familiarize yourself with the parts to ensure proper operation and maintenance.

SWIVEL HEAD RIVETERS | 66-MR77



- FEATURES & BENEFITS**
- 4 nose pieces & wrench store in handle for versatility and convenient storage
 - Accepts aluminium & steel rivets for a wide range of applications
 - Intensive use
 - Long handles make riveters easy to squeeze
 - Rotates 360° for use at any angle
 - Rugged die-cast metal construction for long life
 - Sets rivets at right angle or straight-on, with a simple twist of rivet head
 - Uses 2mm(3/32"), 3mm(1/8"), 4mm(5/32") and 5mm(3/16") diameter Steel and Aluminum Rivets



Part Number	Description
6-MR77	SWIVEL HEAD RIVETER

Figure 2.1: Front view of the Stanley 6-MR77 Swivel Head Riveter, showcasing its robust yellow and black design.





Figure 2.2: Close-up view of the riveter's handle, illustrating the convenient storage for the four interchangeable nose pieces and the accompanying wrench.

The riveter includes four nose pieces to accommodate different rivet sizes: 3mm (3/32"), 4mm (1/8"), 4mm (5/32"), and 5mm (3/16"). These are securely stored within the tool's handle, along with a small wrench for easy changing of the nose pieces.

3. SETUP AND NOSE PIECE SELECTION

Before operating the riveter, select the appropriate nose piece for your rivet size. Using the correct nose piece is crucial for a secure rivet and to prevent damage to the tool or the rivet itself.

Steps for Changing Nose Pieces:

1. Identify the size of the rivet you intend to use. The Stanley MR77 accepts 3mm (3/32"), 4mm (1/8"), 4mm (5/32"), and 5mm (3/16") aluminum and steel rivets.
2. Locate the wrench stored in the riveter's handle.
3. Unscrew the currently installed nose piece from the front of the riveter using the provided wrench.
4. Select the nose piece that matches your rivet's diameter.
5. Screw the selected nose piece firmly into place on the riveter's head. Ensure it is tightened securely with the wrench.
6. Return the unused nose pieces and wrench to their storage slots in the handle.

4. OPERATING INSTRUCTIONS

The Stanley 6-MR77 Swivel Head Riveter is designed for ease of use, even in challenging positions, thanks to its 360° rotating head.

Steps for Riveting:

1. **Prepare the Workpiece:** Drill a hole through the materials to be joined. The hole diameter should match the rivet diameter.
2. **Insert the Rivet:** Place the rivet through the prepared hole.
3. **Position the Riveter:** Open the riveter handles fully. Insert the rivet's mandrel (the pin) into the nose piece of the riveter.
4. **Adjust Head Angle (if needed):** If working in a confined space, rotate the riveter's head 360° to achieve the optimal angle for comfortable and effective operation.
5. **Apply Pressure:** Firmly press the nose piece against the material, ensuring the rivet head is flush with the surface.
6. **Squeeze Handles:** Squeeze the riveter handles together with a steady, firm motion. You may need to squeeze multiple times until the rivet mandrel snaps off.
7. **Release and Eject:** Once the mandrel snaps, release the handles. The broken mandrel will fall out of the back of the riveter or can be manually ejected.
8. **Inspect Rivet:** Verify that the rivet is securely set and flush with the material surface.

SWIVEL HEAD RIVETERS | 66-MR77



STANLEY
FASTENING TOOLS

FEATURES & BENEFITS

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- Intensive use
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Figure 4.1: Demonstrating the Stanley 6-MR77 Swivel Head Riveter in action, showing a user applying a rivet to a metal surface.

5. MAINTENANCE

Proper maintenance will extend the life of your Stanley 6-MR77 Swivel Head Riveter and ensure its continued performance.

- **Cleaning:** After each use, wipe down the riveter with a clean, dry cloth to remove any dust, debris, or metal shavings.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points and moving parts to ensure smooth operation.

- **Nose Piece Care:** Keep nose pieces clean and free of obstructions. Store them securely in the handle to prevent loss or damage.
- **Storage:** Store the riveter in a dry, clean environment to prevent rust and corrosion. Engage the handle lock for compact storage.

6. TROUBLESHOOTING

If you encounter issues with your riveter, consult the following common troubleshooting tips:

- **Rivet Mandrel Not Snapping:**
 - Ensure the correct nose piece size is installed for the rivet diameter.
 - Apply firm and consistent pressure when squeezing the handles.
 - Check if the rivet material is too hard for the tool or if the rivet is defective.
- **Rivet Not Setting Flush:**
 - Verify that the hole size is appropriate for the rivet. A hole that is too large will prevent proper setting.
 - Ensure the nose piece is pressed firmly against the workpiece before squeezing.
- **Handles Sticking/Stiff:**
 - Lubricate the pivot points and moving parts with light machine oil.
 - Clean any debris or grime from the mechanism.

7. SPECIFICATIONS

Feature	Specification
Brand	STANLEY
Model Number	6-MR77
Head Material	Alloy Steel
Head Style	Swivel (360°)
Compatible Rivet Materials	Aluminum, Steel
Compatible Rivet Sizes	3mm (3/32"), 4mm (1/8"), 4mm (5/32"), 5mm (3/16")
Number of Nose Pieces	4 (stored in handle)
Item Weight	0.81 Kilograms (1.78 pounds)
Product Dimensions	13.23 x 5.98 x 1.46 inches
Power Source	AC (Manual Tool)
Usage	Professional

8. WARRANTY AND SUPPORT

STANLEY is committed to providing quality tools and excellent customer service. For warranty information, technical

support, or spare parts, please refer to the contact details below.





SALES AND AFTER
SALES SUPPORT



GREAT SERVICE
NETWORK



WARRANTY



ORIGINAL PARTS



INFORMATION



OMNICHANNEL
SUPPORT

CUSTOMER CARE CONTACT

PHONE:

1800-203-0644

MON-SAT
09:00 AM - 06:00 PM IST
EXCEPT GOVERNMENT HOLIDAYS

EMAIL:

SBD-CUSTOMER
COMMUNICATIONS
@SBDINC.COM

NUMBER OF AUTHORIZED
SERVICE CENTER : 500+

WHATSAPP:



+91 96060 55835
SCAN THE CODE TO CONTACT US

Figure 8.1: Customer Care Contact details for STANLEY products.

Contact Information:

- **Phone:** 1800-203-0644 (Mon-Sat, 09:00 AM - 06:00 PM IST, except government holidays)
- **Email:** SBD-CUSTOMERCOMMUNICATIONS@SBDINC.COM
- **WhatsApp:** +91 96060 55835
- **Service Centers:** 500+ Authorized Service Centers

For specific warranty details, please refer to the documentation included with your product or visit the official STANLEY website.

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and use this page's manual context to help answer it.

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