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57276

Generic Hercules 12V Cordless 3/8 in. Extended Reach Ratchet

Model: 57276

1. Safety Information

Always read and understand all safety warnings and instructions before operating this power tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; avoid loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

2. Product Overview

The Generic Hercules 12V Cordless 3/8 in. Extended Reach Ratchet is designed for efficient fastening and loosening of nuts and bolts, especially in hard-to-reach areas. It combines the power and speed of a pneumatic ratchet with the convenience of cordless operation.



Image 1: The Hercules 12V Cordless 3/8 inch Extended Reach Ratchet. This tool is compatible with all Hercules 12 Volt batteries, providing cordless convenience for various tasks.

Key Features:

- 4-inch extended neck for enhanced accessibility.
- 40 ft. lbs. max torque and 275 RPM.
- All-metal gearing for durability.
- Built-in LED work light.
- Reinforced steel housing.
- Oversized FWD/REV switch.
- Variable speed paddle trigger.

3. Setup

3.1. Battery Installation

1. Ensure the ratchet is turned off and the forward/reverse switch is in the neutral (locked) position.
2. Align the battery pack with the battery port at the base of the tool handle.
3. Slide the battery pack into the tool until it clicks securely into place.
4. To remove, press the battery release button (if present) and slide the battery pack out.

3.2. Socket Attachment

1. Select the appropriate 3/8 inch drive socket for your fastener.
2. Push the socket firmly onto the square drive anvil at the end of the extended neck until it locks into place.
3. To remove, pull the socket off the anvil.

4. Operating Instructions

4.1. Forward/Reverse Rotation

- Locate the oversized FWD/REV switch near the head of the tool.
- Push the switch to the left for forward (tightening) rotation.
- Push the switch to the right for reverse (loosening) rotation.
- For safety, position the switch in the center to lock the trigger and prevent accidental operation when not in use.

4.2. Variable Speed Control

- The tool features a variable speed paddle trigger.
- To start the tool, depress the paddle trigger.
- The speed of the ratchet is controlled by the amount of pressure applied to the trigger: less pressure for slower speeds, more pressure for faster speeds.
- Release the trigger to stop the tool.

4.3. Using the LED Work Light

The built-in LED light illuminates the work area when the trigger is partially or fully depressed, providing better visibility in dimly lit spaces.

4.4. Extended Reach Functionality

The 4-inch extended neck allows access to fasteners in confined or recessed areas that standard ratchets cannot reach. Position the tool head onto the fastener carefully before engaging the trigger.

5. Maintenance

5.1. Cleaning

- Before cleaning, always remove the battery pack.
- Use a clean, damp cloth to wipe down the exterior of the tool. Do not use harsh chemicals or abrasive cleaners.
- Keep ventilation openings clear of dust and debris to prevent overheating.

5.2. Storage

- Store the tool and battery pack in a cool, dry place, away from direct sunlight and moisture.
- Ensure the battery is removed from the tool before storage.
- Store out of reach of children.

5.3. Battery Care

- Fully charge battery packs before initial use.
- Do not store battery packs in a discharged state. Recharge them periodically if not used for long periods.
- Avoid exposing battery packs to extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly; Battery discharged; FWD/REV switch in neutral (locked) position.	Ensure battery is fully seated; Charge battery; Move FWD/REV switch to forward or reverse.
Reduced power/speed	Battery low; Tool overheating.	Recharge battery; Allow tool to cool down.
Socket does not attach securely	Incorrect socket size; Debris on anvil.	Use 3/8 inch drive sockets; Clean anvil.

7. Specifications

Model Number	57276
Voltage	12 Volts
Max Torque	40 ft-lb
Max RPM	275 RPM
Drive Size	3/8 inch
Item Weight	2.4 pounds
Material	Alloy Steel, Metal
Manufacturer	Harbor Freight

8. Warranty Information

The manufacturer guarantees this product to be free from defects in materials and workmanship for**90 days** from the date of purchase. Limitations apply. Please retain your proof of purchase for warranty claims.

9. Support

For technical assistance, replacement parts, or warranty inquiries, please contact the manufacturer or your place of purchase. Have your model number (57276) and proof of purchase ready when contacting support.

Note: This manual provides general guidelines. Specific details may vary. Always refer to the official manufacturer's website or contact their support for the most accurate and up-to-date information.

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