STANLEY A32LRA1CT-7

STANLEY A32LRA1CT-7 Pneumatic Angled Nut Runner User Manual

Model: A32LRA1CT-7

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your STANLEY A32LRA1CT-7 Pneumatic Angled Nut Runner. Please read this manual thoroughly before using the tool and retain it for future reference.

The STANLEY A32LRA1CT-7 is a high-performance pneumatic tool designed for precise and consistent torque application in various industrial assembly tasks. Its angled head design allows access to confined spaces.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and gloves.
- Ensure the air supply is disconnected before performing any adjustments, maintenance, or changing accessories.
- Do not exceed the maximum operating air pressure specified for this tool.
- Keep hands and loose clothing away from rotating parts.
- Use only accessories and attachments recommended by STANLEY.
- Inspect the tool for damage before each use. Do not use a damaged tool.
- Maintain a firm grip on the tool during operation.
- Ensure the workpiece is securely fastened before applying torque.
- Operate the tool in a well-ventilated area.
- Keep children and unauthorized personnel away from the work area.

3. Product Overview and Components

The STANLEY A32LRA1CT-7 Pneumatic Angled Nut Runner is designed for durability and precision. Familiarize yourself with its main components.

Figure 1: Full view of the STANLEY A32LRA1CT-7 Pneumatic Angled Nut Runner. This image displays the elongated body, trigger mechanism, and the angled head designed for accessing tight spaces.

Figure 2: Close-up view of the tool's body, showing the model number A32LRA1CT-7 and the rotational speed (R.P.M. 665) clearly marked on the housing.

Key components typically include the air inlet, trigger, motor housing, and the angled output drive.

4. Setup

1. **Air Supply Connection:** Connect the tool to a clean, dry, regulated air supply using a suitable air hose and quick-connect fitting. Ensure the air pressure is within the tool's specified operating range (refer to Specifications section).
2. **Lubrication:** Apply a few drops of pneumatic tool oil into the air inlet before each use or after extended periods of non-use. An in-line oiler is recommended for continuous lubrication.
3. **Socket/Accessory Installation:** Select the appropriate socket or accessory for your application. Ensure it is securely attached to the tool's output drive.
4. **Pressure Adjustment:** Adjust the air regulator to the desired operating pressure. Start with a lower pressure and increase gradually as needed for the application.

5. Operating Instructions

1. **Preparation:** Ensure all safety precautions are followed. The workpiece must be stable and accessible.
2. **Engagement:** Place the socket firmly onto the fastener.
3. **Activation:** Depress the trigger to start the tool. Apply steady, even pressure.
4. **Torque Control:** This tool is designed for precise torque. Monitor the fastening process to avoid over-tightening. For critical applications, use a torque wrench for final verification.

5. **Disengagement:** Release the trigger to stop the tool. Remove the tool from the fastener.
6. **Direction Control:** If applicable, use the directional switch (if present) to change between forward and reverse rotation.

Note: The tool's RPM is 665, as indicated on the housing. This speed is optimized for controlled fastening.

6. Maintenance

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Daily:**
  - Disconnect air supply.
  - Add pneumatic tool oil to the air inlet.
  - Inspect air hose and fittings for leaks or damage.
  - Clean the exterior of the tool with a damp cloth.
- **Weekly/Monthly:**
  - Check for loose fasteners on the tool. Tighten as necessary.
  - Inspect the output drive for wear.
  - Verify proper air pressure and flow from the compressor.
- **Storage:** Store the tool in a clean, dry environment when not in use.

IMPORTANT: For internal repairs or complex maintenance, contact authorized STANLEY service personnel.

7. Troubleshooting

Problem	Possible Cause	Solution
Tool does not operate or operates weakly.	Low air pressure; insufficient air flow; lack of lubrication; clogged air inlet filter; internal wear.	Check air supply pressure and compressor capacity; lubricate tool; clean air inlet filter; contact service if internal wear is suspected.
Excessive air leakage.	Loose fittings; worn O-rings or seals.	Tighten fittings; replace worn seals (contact service).
Tool runs hot.	Continuous heavy use; insufficient lubrication.	Allow tool to cool; ensure proper lubrication. Avoid prolonged continuous operation.
Inaccurate torque output.	Incorrect air pressure; worn internal components; improper socket.	Verify air pressure setting; use correct socket; contact service for internal inspection.

8. Specifications

Feature	Detail
Model Number	A32LRA1CT-7
Brand	STANLEY

Feature	Detail
Tool Type	Pneumatic Angled Nut Runner
Rotational Speed (RPM)	665
Product Dimensions	20.08 x 14.17 x 14.17 inches
Weight	6 Pounds
Manufacturer	Stanley
ASIN	B00RW7NWIG
First Available Date	December 15, 2014

9. Warranty Information

STANLEY products are manufactured to high-quality standards. For specific warranty terms and conditions applicable to your A32LRA1CT-7 Pneumatic Angled Nut Runner, please refer to the warranty card included with your purchase or visit the official STANLEY website. Keep your proof of purchase for warranty claims.

10. Customer Support

For technical assistance, parts, or service inquiries regarding your STANLEY A32LRA1CT-7, please contact STANLEY customer support. Contact information can typically be found on the STANLEY website or on the product packaging.
Online Resources: www.stanleytools.com