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› MAKO AIRTEK Replacement Hose for Atlas Copco Air Compressor (Model 1613951400) User Manual

MAKO AIRTEK 1613951400

MAKO AIRTEK Replacement Hose for Atlas Copco Air Compressor (Model 1613951400) User Manual

Detailed instructions for installation, operation, and maintenance.

1. PRODUCT OVERVIEW

This manual provides essential information for the proper installation, operation, and maintenance of your MAKO AIRTEK Replacement Hose, specifically designed for Atlas Copco Air Compressors, model 1613951400. This hose is engineered to meet original manufacturing standards, ensuring reliable performance and compatibility.

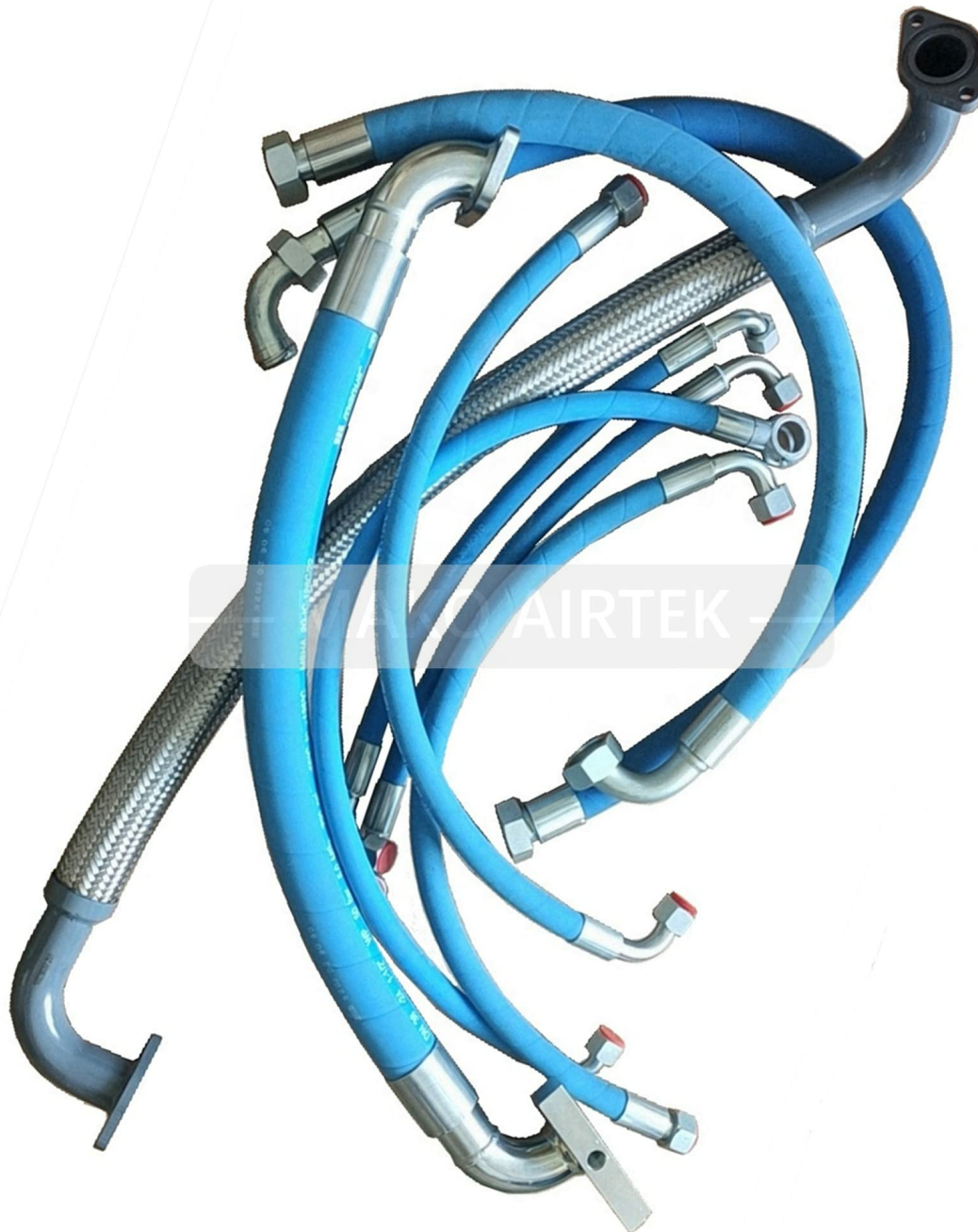


Image 1.1: MAKO AIRTEK Replacement Hose (Model 1613951400). This image displays the specific replacement hose designed for Atlas Copco Air Compressors, highlighting its construction and connectors.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to equipment:

- Ensure the air compressor is completely depressurized and powered off before attempting any installation or maintenance.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Verify that the replacement hose matches the specifications of the original part to ensure proper fit and function.
- Do not use damaged or worn hoses. Inspect the hose for any signs of wear, cracks, or leaks before installation.
- Consult the Atlas Copco Air Compressor's original manual for specific safety guidelines related to the compressor unit.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon receipt:

- 1 x MAKO AIRTEK Replacement Hose (Model 1613951400)
- Any necessary gaskets or seals (if applicable and included)

4. SETUP AND INSTALLATION

4.1 Pre-Installation Steps

1. **Depressurize System:** Ensure the air compressor system is fully depressurized and isolated from power.
2. **Drain Fluids:** If applicable, drain any fluids from the system that may be contained within the hose.
3. **Inspect New Hose:** Carefully inspect the new MAKO AIRTEK hose for any manufacturing defects or shipping damage.

4.2 Installation Procedure

1. **Remove Old Hose:** Using appropriate tools, carefully disconnect and remove the old hose from the compressor system. Note the orientation and connection points.
2. **Clean Connection Points:** Clean any debris or residue from the connection points on the compressor to ensure a proper seal.
3. **Install New Hose:** Position the MAKO AIRTEK replacement hose and connect it to the designated ports. Ensure all fittings are securely tightened according to the compressor manufacturer's torque specifications. Avoid overtightening.
4. **Verify Connections:** Double-check all connections for tightness and proper alignment.



Image 4.1: Example of various compressor hoses and flexible pipes. This image illustrates different types of hoses that might be found in a compressor system, similar to the replacement hose being installed.

5. OPERATING INSTRUCTIONS

After successful installation, follow these steps to safely operate your air compressor with the new hose:

1. **System Re-pressurization:** Slowly re-pressurize the air compressor system.
2. **Leak Check:** Carefully inspect all new connections for air leaks using a soapy water solution. Bubbles indicate a leak. If leaks are found, depressurize the system and re-tighten the connections.
3. **Monitor Performance:** During initial operation, monitor the hose and connections for any unusual noises, vibrations, or signs of stress.
4. **Regular Checks:** Incorporate regular visual inspections of the hose into your routine compressor maintenance schedule.

6. MAINTENANCE

Proper maintenance extends the life of your replacement hose and ensures optimal compressor performance:

- **Visual Inspection:** Regularly inspect the hose for signs of wear, abrasion, cuts, bulges, or kinks. Replace the hose immediately if any damage is observed.
- **Connection Integrity:** Periodically check the tightness of all hose connections. Vibrations can loosen fittings over time.
- **Environmental Factors:** Protect the hose from extreme temperatures, direct sunlight, and corrosive chemicals, which can degrade the material.
- **Cleaning:** Keep the hose clean and free of oil, grease, and dirt buildup. Use mild soap and water if cleaning is necessary.

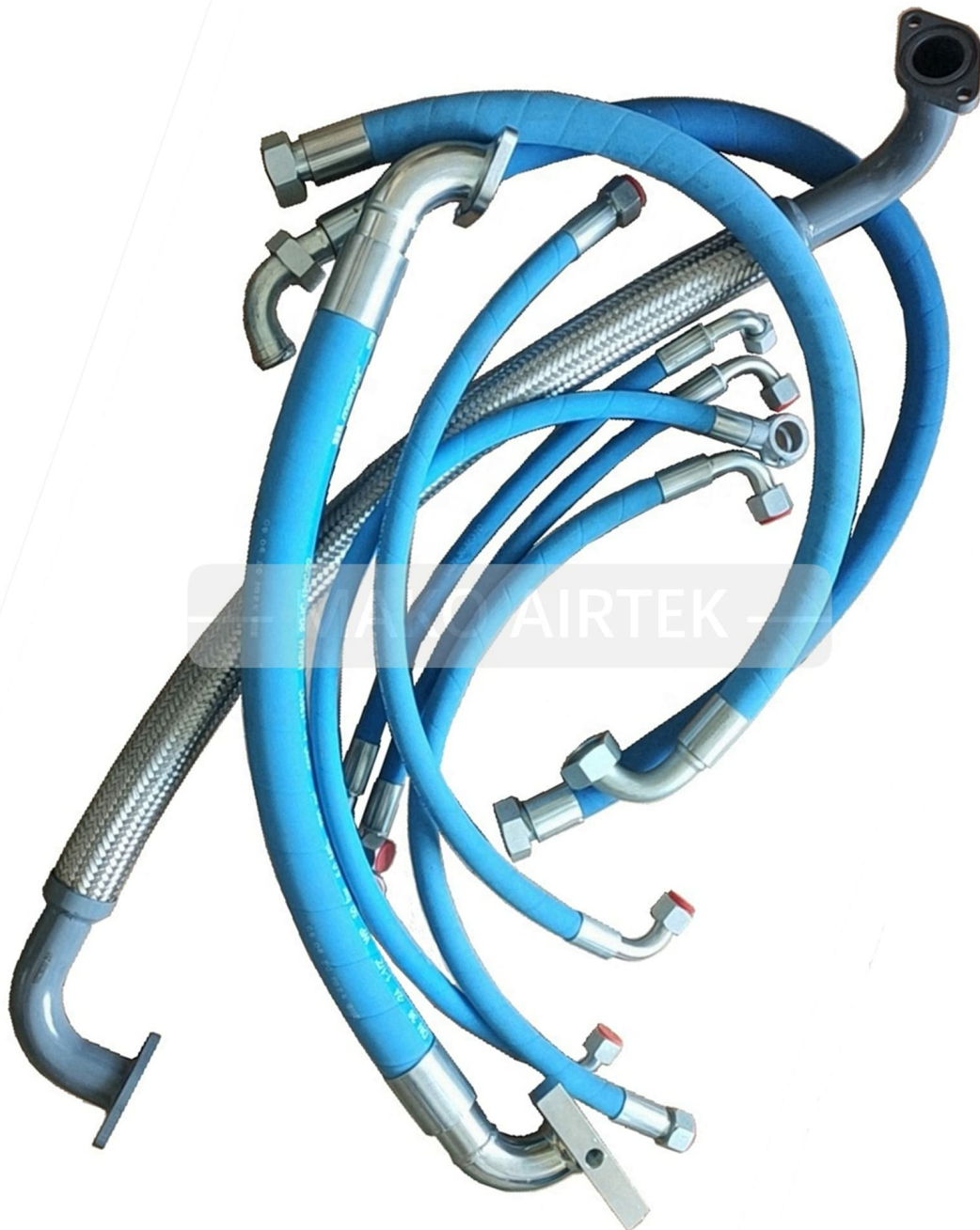


Image 6.1: MAKO AIRTEK Replacement Hose (Model 1613951400). Regular inspection of the hose for wear and tear is crucial for maintenance.

7. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions:

Problem	Possible Cause	Solution
Air Leak at Connection	Loose fitting, damaged gasket/seal, improper installation.	Depressurize system, tighten fitting, replace gasket/seal, re-install hose correctly.
Hose Kinking/Bending	Improper routing, external obstruction.	Re-route hose to avoid sharp bends, clear obstructions.
Reduced Airflow	Internal obstruction, severe kinking, hose collapse.	Inspect hose for internal blockages or collapse. Replace if damaged.
Hose Degradation (Cracks, Bulges)	Age, chemical exposure, excessive pressure, UV exposure.	Replace hose immediately. Ensure proper operating conditions.

8. SPECIFICATIONS

Key specifications for the MAKO AIRTEK Replacement Hose (Model 1613951400):

Feature	Detail
Model Number	1613951400
Brand	MAKO AIRTEK
Compatibility	Atlas Copco Air Compressors (Direct Replacement)
Material	High-quality raw materials (engineered for durability)
Function	Ensures better separation and air flow

9. WARRANTY INFORMATION

MAKO AIRTEK products are manufactured to high standards. For specific warranty details, please refer to the product packaging or contact MAKO AIRTEK customer support. Keep your purchase receipt as proof of purchase.

10. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your MAKO AIRTEK Replacement Hose, please contact our customer support team. We are available to assist you with product inquiries, installation guidance, and troubleshooting.

Contact Information:

- Online:** Visit the MAKO AIRTEK store on Amazon for support resources.
- Email:** Refer to your purchase documentation for direct email support.
- Operating Hours:** Monday to Friday (excluding public holidays).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question