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> Speedaire 1WF46 RV15 Maintenance Kit User Manual

Speedaire 1WF46

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Model: 1WF46

1. INTRODUCTION

This manual provides essential instructions for the proper use and maintenance of your Speedaire 1WF46 RV15 Maintenance Kit. Please read this manual thoroughly before performing any maintenance to ensure safe and efficient operation of your air compressor.

2. PRODUCT OVERVIEW

The Speedaire 1WF46 RV15 Maintenance Kit is designed to facilitate routine maintenance for compatible Speedaire air compressors. Regular maintenance using this kit helps to ensure the longevity and optimal performance of your air compressor system.



Image 1: Speedaire 1WF46 RV15 Maintenance Kit. This image displays the primary components of the maintenance kit, typically including the air compressor oil and an air filter, packaged together.

3. SAFETY INFORMATION

Always observe the following safety precautions when performing maintenance on your air compressor:

- **Disconnect Power:** Ensure the air compressor is unplugged from its power source before beginning any maintenance.
 - **Depressurize System:** Fully drain the air tank and release all pressure from the system.
 - **Wear Protective Gear:** Use appropriate personal protective equipment, such as safety glasses and gloves.
 - **Read Compressor Manual:** Refer to your specific air compressor's instruction manual for additional safety guidelines and maintenance procedures.
 - **Proper Disposal:** Dispose of used oil and filters according to local environmental regulations.
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4. PACKAGE CONTENTS

The Speedaire 1WF46 RV15 Maintenance Kit typically includes the following items:

- 2 Quarts of Air Compressor Oil
- 1 Air Filter

Note: Contents may vary slightly. Please check the packaging for the exact list of included items.

5. SETUP FOR MAINTENANCE

Before performing maintenance, prepare your workspace and air compressor:

1. Ensure the air compressor is turned off and disconnected from the power supply.
 2. Open the drain valve on the air tank to release all compressed air and moisture. Close the valve once the tank is empty.
 3. Gather necessary tools, such as wrenches, a drain pan for used oil, and cleaning cloths.
 4. Place the air compressor on a stable, level surface in a well-ventilated area.
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6. PERFORMING MAINTENANCE

Follow these general steps for routine maintenance using the kit components. Always refer to your specific air compressor's manual for detailed, model-specific instructions.

6.1. Oil Change Procedure

1. Locate the oil drain plug on your air compressor.

2. Place a suitable drain pan beneath the plug.
3. Carefully remove the drain plug to allow the old oil to drain completely.
4. Once drained, replace the drain plug securely.
5. Locate the oil fill cap/dipstick. Remove it.
6. Slowly pour the new Speedaire air compressor oil (from the kit) into the oil reservoir.
7. Check the oil level using the dipstick or sight glass, ensuring it is within the recommended range. Do not overfill.
8. Replace the oil fill cap/dipstick.

6.2. Air Filter Replacement

1. Locate the air filter housing on your air compressor.
2. Open or unclip the housing cover.
3. Remove the old air filter. Note its orientation.
4. Clean any dust or debris from the filter housing.
5. Insert the new air filter from the kit, ensuring it is correctly seated.
6. Close and secure the air filter housing cover.

7. RECOMMENDED MAINTENANCE SCHEDULE

The frequency of maintenance depends on the usage and operating environment of your air compressor. Consult your compressor's manual for specific recommendations. General guidelines include:

- **Oil Change:** Every 3-6 months or after a specified number of operating hours (e.g., 200-300 hours).
- **Air Filter Replacement:** Every 3-6 months, or more frequently in dusty environments, or if visibly dirty.
- **Tank Drain:** Daily or after each use to prevent moisture buildup.

8. TROUBLESHOOTING

This kit addresses routine maintenance. If you encounter operational issues with your air compressor after performing maintenance, consider the following:

- **Low Air Pressure:** Check for leaks in air lines, ensure connections are tight, and verify the air filter is not clogged (if recently replaced, ensure it's installed correctly).
- **Excessive Noise:** Ensure all components are securely fastened. If the noise is from the pump, check oil levels.
- **Oil Leaks:** Verify that the oil drain plug and fill cap are tightened correctly. Check for cracks in the oil reservoir.

For more complex issues, refer to your air compressor's specific troubleshooting guide or contact a qualified service technician.

9. SPECIFICATIONS

Speedaire 1WF46 RV15 Maintenance Kit

Feature	Detail
Brand	Speedaire
Model Name	1WF46
Compatible Grainger Part Numbers	1WD45, 1WD46, 1WD47, 1WD48, 1WD54, 1WD55, 1WD57, 1WD58, 1WD59, 1WD61, 1WD63, 1WD64, 1WD65
Included Components	2 qt Oil, Air Filter
Item Weight	5 Pounds
Product Dimensions	10 x 4 x 9 inches
UPC	190735604359

10. WARRANTY AND SUPPORT

For specific warranty information regarding the Speedaire 1WF46 RV15 Maintenance Kit, please refer to the documentation provided with your original air compressor or contact Speedaire customer support directly. Keep your purchase receipt for warranty claims.

For technical assistance or further inquiries, please visit the official Speedaire website or contact their customer service department.