

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [AG](#) /

> [AG DeVilbiss 525DS Compressor Rebuild Kit Instruction Manual](#)

## AG 525DS

# AG DeVilbiss 525DS Compressor Rebuild Kit Instruction Manual

For DeVilbiss 525DS Series and GSE ZW280 Compressors

[Contents](#) [Setup](#) [Introduction](#) [Safety Information](#) [Package](#)  
[Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

## 1. INTRODUCTION

This instruction manual provides detailed guidance for the installation and maintenance of the AG DeVilbiss 525DS Compressor Rebuild Kit. This kit is designed to restore optimal performance to your DeVilbiss 525DS Series and compatible GSE ZW280 compressors. Please read this manual thoroughly before beginning any work to ensure proper installation and safe operation.

## 2. SAFETY INFORMATION

Always prioritize safety when working with compressor components. Failure to follow these instructions may result in injury or damage to equipment.

- **Disconnect Power:** Ensure the compressor is completely unplugged and depressurized before beginning any maintenance or rebuild procedures.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including safety glasses and gloves.
- **Consult a Professional:** If you are unsure about any step, consult a qualified technician.
- **Use Correct Tools:** Use only the specified tools for each step to prevent damage to components.
- **Keep Work Area Clean:** Maintain a clean and organized workspace to prevent accidents and ensure proper assembly.

## 3. PACKAGE CONTENTS

Verify that all components listed below are present in your rebuild kit before proceeding.

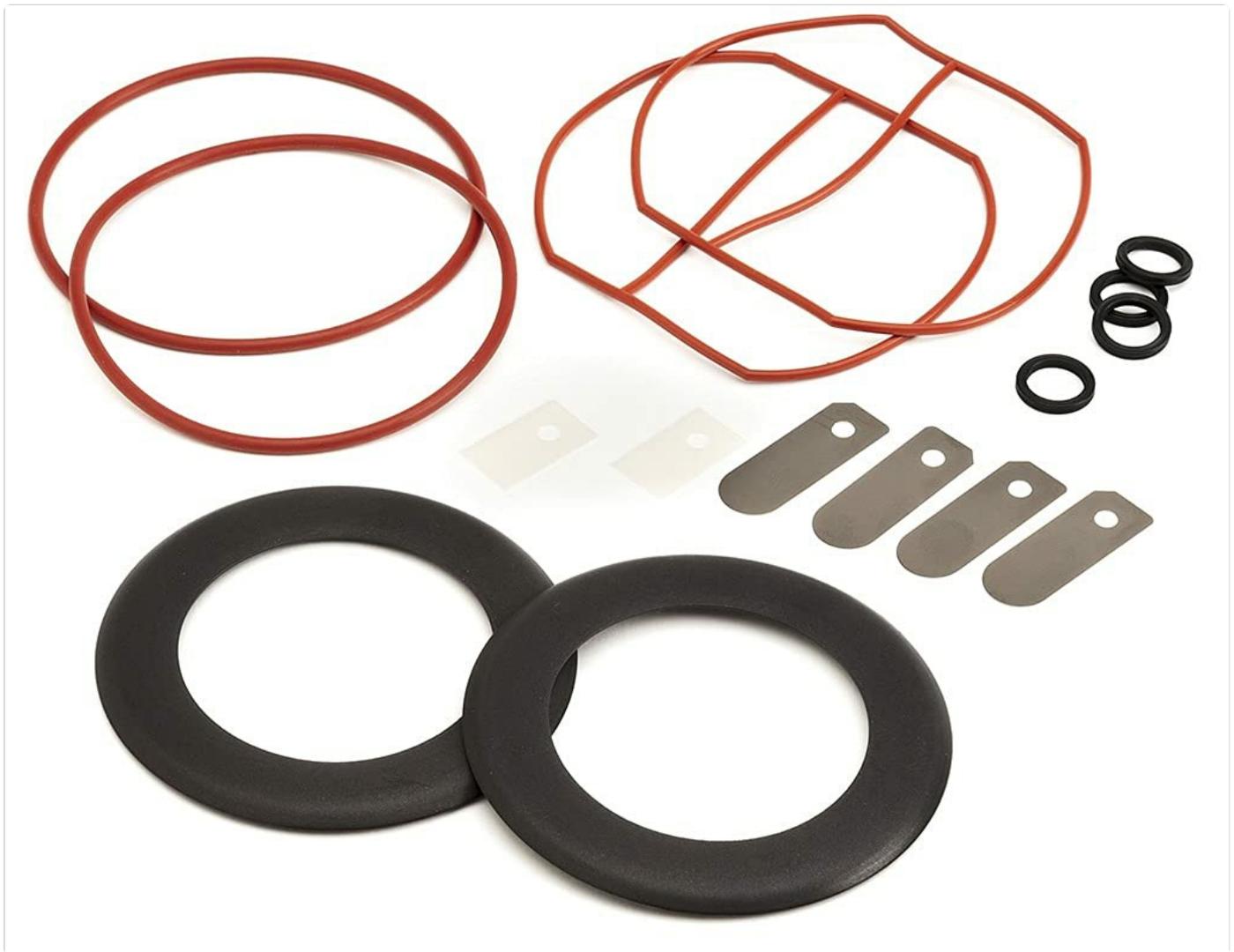


Image 1: Contents of the AG DeVilbiss 525DS Compressor Rebuild Kit. This image displays the various components included in the kit, such as the piston cup, cylinder sleeve, and O-rings, laid out for inspection.

- Piston Cup
- Cylinder Sleeve
- O-rings (various sizes)
- Valve Plate Gasket
- Instruction Sheet (this manual)

## 4. SETUP AND INSTALLATION

Follow these steps carefully to install the rebuild kit components into your compressor.

### 1. Prepare the Compressor:

- Unplug the compressor from its power source.
- Bleed all air pressure from the system.
- Allow the compressor to cool completely if it has been recently operated.

### 2. Disassemble the Compressor Head:

- Carefully remove the compressor head bolts.
- Lift off the compressor head and valve plate assembly. Note the orientation of all components.
- Remove the old piston cup and cylinder sleeve.

### 3. Install New Components:

- Clean the cylinder bore thoroughly, ensuring no debris remains.
- Install the new cylinder sleeve into the compressor body.
- Carefully install the new piston cup onto the piston rod. Ensure it is seated correctly.
- Replace any old O-rings with the new ones provided in the kit.

#### 4. Reassemble the Compressor Head:

- Place the new valve plate gasket, then the valve plate, and finally the compressor head back onto the compressor body, ensuring correct alignment.
- Tighten the compressor head bolts evenly and securely, following the manufacturer's torque specifications if available.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your compressor after the rebuild.

- **Inspect Periodically:** Regularly check for air leaks, unusual noises, or decreased performance.
- **Clean Air Filter:** Ensure the air filter is clean and free of obstructions. Replace as needed.
- **Drain Moisture:** If your compressor has a moisture drain, drain it regularly to prevent rust and maintain air quality.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter after installing the rebuild kit.

Problem	Possible Cause	Solution
Compressor not building pressure	Improperly seated piston cup or cylinder sleeve; damaged O-rings; valve plate issues.	Recheck piston cup and sleeve installation. Inspect O-rings for damage and proper seating. Verify valve plate is correctly oriented and not damaged.
Air leaks	Loose connections; damaged gaskets or O-rings.	Tighten all bolts and connections. Inspect and replace any compromised gaskets or O-rings.
Unusual noise after rebuild	Improper assembly; loose components.	Review assembly steps. Ensure all components are securely fastened and correctly aligned.

## 7. SPECIFICATIONS

Key specifications for the AG DeVilbiss 525DS Compressor Rebuild Kit.

- **Product Name:** AG DeVilbiss 525DS Compressor Rebuild Kit
- **Compatible Models:** DeVilbiss 525DS Series, GSE ZW280 Compressors
- **Kit Contents:** Piston Cup, Cylinder Sleeve, O-rings, Valve Plate Gasket
- **Manufacturer:** AG Industries
- **ASIN:** B005JXG3XG

## 8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your AG DeVilbiss 525DS Compressor Rebuild Kit, please contact

the manufacturer directly.

**Manufacturer:** AG Industries

Please refer to the original packaging or the manufacturer's website for the most current contact information and warranty details.

