

## Ecojoin E103495

# Ecojoin E103495 Air Compressor Piston Service Kit Instruction Manual

For Porter Cable, Craftsman, and Husky Air Compressors

## 1. INTRODUCTION

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This instruction manual provides essential information for the Ecojoin E103495 Air Compressor Piston Service Kit. This kit is designed to replace worn or damaged piston components in compatible air compressors, restoring their optimal performance. Please read this manual thoroughly before attempting any installation or maintenance.

## 2. PRODUCT OVERVIEW

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The Ecojoin E103495 Piston Service Kit is a genuine OEM replacement part designed to ensure compatibility and reliable operation. It includes all necessary components for a complete piston service, addressing common wear issues in air compressor pumps.

## 3. COMPATIBILITY

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This service kit (Part Number: E103495 / E-103495) is compatible with various air compressor models from Porter Cable, Craftsman, and select Husky models. A partial list of compatible models includes:

- Porter Cable: PXCMF226VW Type 0 1.5 HP Compressor, F226VWLVP, 37296, F217HKL, 236005, F226VWD, 585-819, 585819, F2S26WDVP, 671049, F2B2
- Craftsman: 921166420 Air Compressor, 921.166420, 040-0420 Pump
- Select Husky compressor models

Always verify your compressor's part number against E103495 to ensure proper fitment.

## 4. KIT CONTENTS

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The Ecojoin E103495 Piston Service Kit includes the following components:

- Connecting rod/piston assembly
- Piston ring
- Conrod screw

- Nut
- Piston cap screw
- Cylinder



This image displays the complete Ecojoin E103495 Air Compressor Piston Service Kit. Visible components include the connecting rod/piston assembly, a piston ring, a conrod screw, a nut, a piston cap screw, and the cylinder.

## 5. INSTALLATION (SETUP)

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**Important Safety Notice:** Many replacement parts, including this piston service kit, should be installed only by a qualified professional. Improper installation can lead to equipment damage, personal injury, or voided warranties. If you are not confident in your ability to safely and correctly install this item, it is recommended to seek professional assistance.

General steps for piston service typically involve:

1. Disconnecting the air compressor from all power sources and depressurizing the tank.
2. Draining any oil from the compressor pump.
3. Disassembling the compressor pump to access the piston and cylinder.
4. Carefully removing the old piston assembly and cylinder.
5. Cleaning all mating surfaces and inspecting other components for wear.
6. Installing the new cylinder, piston assembly, and associated hardware from the kit.
7. Reassembling the compressor pump, ensuring all fasteners are tightened to manufacturer specifications.
8. Refilling the compressor with the appropriate type and amount of oil (if applicable).
9. Performing a test run to check for proper operation and leaks.

Refer to your specific air compressor's service manual for detailed, model-specific installation instructions and torque specifications.

## 6. OPERATING CONSIDERATIONS (POST-INSTALLATION)

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After successful installation of the piston service kit, perform the following checks before returning the compressor to full service:

- **Leak Check:** Run the compressor and check for any air leaks around the pump head, cylinder, and connections. Use soapy water if necessary.
- **Pressure Build-up:** Monitor the pressure gauge to ensure the compressor builds pressure efficiently and reaches its cut-off pressure.
- **Noise and Vibration:** Listen for any unusual noises or excessive vibrations, which could indicate an assembly issue.
- **Oil Level:** Verify the oil level is correct after the first few hours of operation (if applicable to your compressor model).

## 7. MAINTENANCE

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Regular maintenance of your air compressor is crucial for its longevity and performance. While this kit replaces internal components, general maintenance practices include:

- Draining moisture from the air tank daily or after each use.
- Checking and changing compressor oil according to the manufacturer's schedule (if applicable).
- Cleaning or replacing air filters regularly.
- Inspecting belts and pulleys for wear (if applicable).

## 8. TROUBLESHOOTING

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If your air compressor exhibits issues after installing the service kit, consider the following general troubleshooting steps:

- **Compressor not building pressure:** Check for leaks, ensure all connections are tight, and verify the check valve is functioning correctly.
- **Unusual noise:** Re-check all fasteners for proper torque. Inspect for any components rubbing or loose parts.
- **Overheating:** Ensure adequate ventilation around the compressor. Verify proper oil level and type (if applicable).

For specific diagnostic procedures, consult your air compressor's original instruction manual or a qualified service technician.

## 9. SPECIFICATIONS

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Attribute	Detail
Part Number	E103495 / E-103495
Brand	Ecojoin
Material	Plastic (for certain components)
Compatibility	Porter Cable, Craftsman, select Husky air compressors

## 10. WARRANTY AND SUPPORT

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This Ecojoin E103495 Air Compressor Piston Service Kit is backed by a **30-Day Money Back Satisfaction Guarantee**. If you encounter any issues or have questions regarding the product, please contact Ecojoin customer support through your original point of purchase for assistance.

For further support or to inquire about other Ecojoin products, please visit our official website or contact our customer service department.