

SRC75K REPAIR KIT INSTRUCTIONS

FOR THE SRC75 STRATUS COMPRESSOR



REPAIR KIT CONTENTS

Not shown to scale



Piston Cup (2)



Head O-Ring (2)



Cylinder O-Ring (2)



Cylinder (2)



Tube O-Ring (4)



Cup Retainer
Screw (4)



Valve Plate (2)



WARNING: Electrical shock hazard. Disconnect electrical supply before performing maintenance. Vent all air lines to release vacuum or pressure. Failure to follow these instructions may result in death, fire or electrical shock.



WARNING: Injury hazard. Product surfaces become very hot during operation, allow surfaces to cool before handling.



WARNING: Do not use oil to lubricate parts. SRC compressors use an oil less design. Using oil may result in failure of the unit.

Visit: www.easypro.com/resources for more information

STRATUS SRC75K

BEFORE YOU BEGIN, YOU NEED:

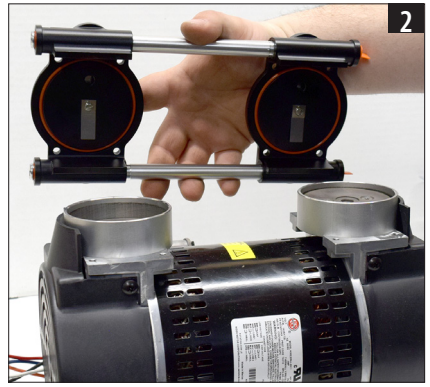
- Clean workspace
- T15 and T25 Torx bits
- Torque driver

NOTE: To avoid stripping the screws, Do NOT use power tools for repairs.



UNIT MUST BE UNPLUGGED BEFORE SERVICING

1. Remove screws from the top plates on the head of the compressor using a T25 Torx driver. **(1)** Mark the orientation of the top plates with a marker, remove and set aside. **(1A)**
2. Remove the head assembly (with connected valve plates) and set aside. **(2)**
3. Remove the old cylinders and discard. **(3)**
4. Remove the screws from the cup retainer plates with a T15 Torx driver. Set the plates aside and discard the old retainer cups and retainer screws. **(4)**
5. Place the new cylinders on the pistons. **(5)**



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6. Remove the new piston cups from the protective cardboard sleeve (6) and place on the underside of the retainer plate. (6A)

Both cups are stacked inside the cardboard sleeve.

NOTE: The cup and the plate parts will sit flush against each other, no gaps.



7. Press the retainer plate with the piston cups attached into the cylinder, all the way to the piston. (7 & 7A) The cylinder can be rotated to align the screw holes. Torque the retainer screws to 10-13 inch-pounds.

8. Remove the old valve plates from the head assembly by pulling them off of each end. Remove and replace the tube O-rings. (8) Attach the new valve plates on both ends by pushing over each end with the new tube O-ring. (8A)



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9. On the underside of each valve plate, install the new cylinder O-rings. **(9)**
10. Making sure there are no gaps, reinstall the head assembly over the valve plates, following the marks you made to confirm orientation is correct. **(10)**
11. Install the new head O-rings in the O-ring grooves on the top of the valve plates. **(11)**
12. Reattach the top plates - torque the screws to 50 inch-pounds. **(12)**

BEFORE PUTTING THE UNIT BACK IN SERVICE:

- A. Make sure to run the unit for five (5) minutes and check the head screws for tightness. If the screws come loose during operation, the unit will experience extensive damage and will void the unit warranty.
- B. Install the air intake filter into the inlet port and leave the outlet port open.
- C. Plug the unit in and run for five (5) minutes, listening for any odd noises or clicking sounds. If you hear any of these noises, unplug the unit immediately.
- D. After running for the full five (5) minutes, let the unit cool before you remove the head and valve plate to check the cylinder head screws. Tighten the screws to 10-13 inch-pounds (if needed) and reassemble the valve plate and head to put the unit back into service.

IMPORTANT: Check that all external accessories, such as relief valves and gauges are not damaged before re-operating unit.

