

KIT MASTERS

FAN CLUTCH EXPERTS

14-S Seal Kit Installation Instructions

DISASSEMBLY

1. Using the T-55 Torx bit provided, remove the Fan Plate. The threads are left hand – turn the T-55 Torx bit counter clockwise while holding the Fan Plate from rotating. It will help to apply air pressure to the clutch while removing the Fan Plate.
2. Once the Fan Plate is removed, hand-tighten the Cage Nut on the left hand threaded bolt. If you applied air pressure in step one, remove it now.
3. Remove the Friction Facing Screws with the T-27 Torx bit provided. Remove the lining – you will reuse this piece.
4. Remove the Aluminum Spring Housing. Use two flat screwdrivers to carefully pry the Aluminum Spring Housing from the Pulley (Sheave). Be careful not to damage the Aluminum Spring Housing while removing – you will reuse this piece.
5. Remove and discard the large O-ring and wipe the area clean.
6. Remove and discard the Retaining Clip. Gently remove the Air Chamber Cap – you will reuse this piece. Remove and discard the O-ring.
7. Remove and discard the Face Seal from the Air Chamber Cap.
8. Remove and discard the Air Cartridge Assembly by first removing and discarding the snap ring. Clean the inside of the shaft.

INSTALLATION

1. Clean all reusable pieces with a clean towel. Do not put the spring housing in a solvent bath.
2. Apply O-ring lube to the three O-rings on the new Air Cartridge Assembly and install the new Air cartridge assembly in the Journal Bracket.
3. Install the new Snap Ring over Air Cartridge Assembly.
4. Install the new Face Seal in the Air Chamber Cap. (Torque to 85 Inch lbs.)
5. Apply O-ring lube to the smaller O-ring and place it in the groove on the Air Chamber Cap.
6. Place the Air Chamber Cap (face seal down) in place and install the new Retaining Clip.
7. Apply O-ring lube liberally to the larger O-ring. Place the larger O-Ring in the Pulley (Sheave).
8. Place the Spring Housing into the Pulley (Sheave), making sure the O-ring stays in place and the bolt holes from the Pulley and Spring Housing line up.
9. Reinstall the lining material using the new 8 Friction Facing screws provided. Torque to 80 Inch Lbs.
10. Now remove the Cage Nut.
11. Thread on the friction plate over the left hand threads of the bolt. Use the T-55 Torx bit to tighten. Torque to 100 Ft. lbs.

Pieces included in kit

Reusable pieces

