Step 12

Take the large O-Ring from Kit and lubricate with grease. Next, place it into the upper groove on the Friction Plate.

Step 13

Lubricate the smaller O-Ring and put it into the upper groove inside the top cover. Now apply more grease to the inner groove on the lid.

Step 14

Take the Face seal and apply grease to threads, also to threads in top cover. Tighten to 50 in. lbs. of torque.

Step 15

Then place top cover on unit. Use 1/4” - 28 1” screws. Tighten to 180 in. lbs. of torque.

Step 16

Install rubber Umbrella check valve into air chamber bleed hole.

FAN DRIVE REPAIR KIT INSTALLATION INSTRUCTIONS

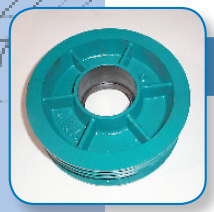
Important

This Super Kit comes with an updated Hub Assembly. Be sure that all parts in the Kit are used. Do not use any of the old components. The Spacer in this Kit ensures that Hub Assembly will be properly aligned when assembled.

Warning - Fan Clutch Failure

Fan Clutch imminent failure will result if proper air pressure is not maintained to Fan Clutch. At the time of installation, air pressure at Fan Clutch must be tested and results must exceed 100 PSIA. Failure to achieve this total will result in Fan Hub slipping and excessive heat. Excessive heat will cause premature friction and bearing failure.
Failure from overheating, slipping and Bearing failure from heat are not covered by warranty.

Super Kit



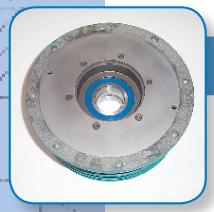
Step 1

Lubricate inside of the Sheave with O-Ring grease.

Step 2

Press Bearing into Sheave.

Note:
Ensure that Bearing Configuration is the same as original specifications.

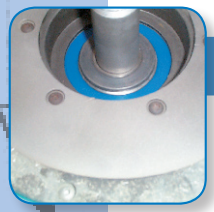


Step 3

Attach friction to Sheave using 10 - 24 x 1/4” button screws supplied in Seal Kit. Torque to 35 in. lbs.

Step 4

Lubricate mounting bracket shaft with O-Ring grease.
Place the Sheave onto the mounting bracket.



Step 5

Reinstall Journal Spacer.
Note: Beveled side of the washer faces down against the base of the shaft.

Step 6

Place spacer from Kit on Bracket, then place the Hub onto the shaft with Wave Spring facing down.

Step 7

Lubricate the threads of the shaft. Then take the Lock-Nut from the Kit and hand thread it onto the shaft. Tighten the nut to 150ft lbs. of Torque. With proper assembly, Lock-Nut should be flushed with thread.

Step 8

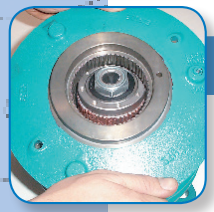
Using the O-Ring grease from the Seal Kit, lubricate Cartridge Assembly.

Step 9

Place the Cartridge inside the shaft.
Note: Inside of shaft must be clean for O-Ring sealing.

Step 10

Carefully place retaining ring (curved side down) into the upper groove on the Shaft. Make sure the Snap Ring is sealed properly.



Step 11

Position Friction Plate over the splined hub. The Splines on the Plate and the Splines on the Hub will interlock.