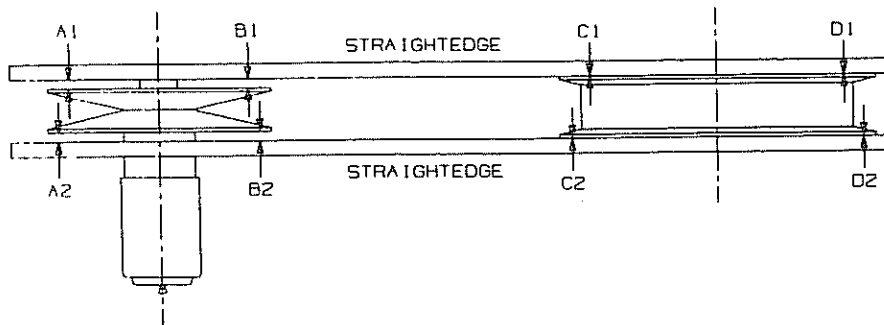


Installation Instructions

NOTE: This manual is to be used in conjunction with the installation instructions packaged with the other component parts of this drive. The following instructions are based on the assumption that the companion has already been properly installed and the motor and motor base are in location. All related component instructions should be closely followed and available for reference during installation.

1. Inspect the motor shaft and key for nicks and burrs and remove if present. Install key in shaft.
2. Place Roto-Cone sheave on the shaft. This may be a slight interference fit, requiring some force to install.
3. Adjust the motor base so the motor is as close to the companion as possible. Align sheaves by using the four-point alignment method shown below. Place string or straightedge across companion and Roto-Cone sheave. The Roto-Cone sheave should be mounted as close to the motor housing as possible. If the parallel offset is more than 1/2", reposition motor base instead of moving sheave on shaft. To achieve correct angular alignment, swivel motor on base. Sheaves are properly aligned when gap $A1=A2=B1=B2$ and gap $C1=C2=D1=D2$.



4. Using a torque wrench, tighten the setscrews holding the Roto-Cone to the shaft to the following torque value.

Sheave Model	Torque (ft. lbs.)
RC55, RC60	3
RC75, RC80, RC105	7
RC100	14
RC1315, RC1330	24

CAUTION: Failure to use the proper torque values during installation can result in damaging the sheave or motor shaft.

5. Adjust motor base to move variable sheave as far away from the companion as possible and check alignment once more. Alignment must be good at both ends of motor base travel. Make alignment corrections as required, then tighten motor and motor base to mounting surface as outlined in motor base installation instructions.
6. With an approved grease, lubricate the Roto-Cone pulley by filling the grease fittings on the outboard endcap until grease appears near the center of the flange next to the motor. On model RC1330, a grease fitting is also present where the outboard flange meets the spring can.

Approved Grease	Manufacturer
Lubriplate No. 1200-2	Fiske Brothers Refining Co.
Atlantic Lubricant 52	Atlantic Refining Co.
Supreme Grease No. 2	Gulf Refining Co.
Alvinia EP Grease No. 2	Shell Oil Co.
Amolith Grease No. 2	Standard Oil Co.