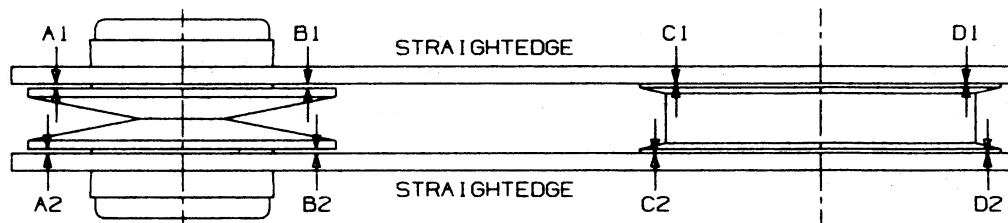


NOTE: This manual is to be used in conjunction with the installation instructions packaged with the other component parts of this drive. The following instructions are based on the assumption that the companion has already been properly installed and the motor and motor base are in location. All related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

1. Remove any nicks or burrs from the motor shaft. Install the key in the shaft's keyway.
2. Slip the All-Pro sheave on the motor shaft, but **do not** tighten.
3. Align sheave using four-point alignment method shown below. Place string or straightedge across companion and All-Pro sheave. The All-Pro 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 the All-Pro sheave outward on the shaft. To achieve correct angular alignment, loosen the motor and swivel motor on base. Sheaves are properly aligned when gaps at points A1 = A2 = B1 = B2 and C1 = C2 = D1 = D2. Tighten the motor bolts.



4. Use a torque wrench and torque the clamp screw on the inboard end of the All-Pro to 15 ft. lbs. This will clamp sheave to motor shaft.
- CAUTION:** Failure to use the proper torque values during installation can result in damaging sheave or motor shaft.
5. Adjust motor base to move motor as far away from companion sheave as possible and check the alignment once again. Alignment must be good at both ends of the motor base travel. Make alignment corrections as required.
 6. Adjust the motor base to move motor as close to companion sheave as possible. Place the belt into the groove of each sheave. Seat the belt in the All-Pro sheave by adjusting the motor base to move the motor away from the companion while rotating the drive by hand.

CAUTION: Belts must **NOT** be pried over flanges of either sheave as this will damage the belt. Drive **MUST** be rotated while center distance is adjusted to prevent damaging drive components.

WARNING

All rotating equipment must be properly guarded to prevent personnel from coming in contact with the drive. Failure to do so could result in serious injury.

7. Drive is now ready to operate.

Maintenance Instructions

WARNING

Do Not attempt to disassemble All-Pro sheaves by removing the small snap ring at either end of the sleeve. The sheave is spring-loaded and disassembly could cause personal injury.

The All-Pro sheaves feature dry lube, self-lubricating bearings. They must be installed at the factory and are not field replaceable items.

Only the drive keys are field replaceable. Should the drive keys be worn and need replaced, order the proper kit from the chart below. Each kit contains the correct number of keys to replace all the keys in one sheave.

Wood's will not supply any other parts for field replacement. To prevent potential injury, **do not** attempt to disassemble the sheave or replace any parts other than outlined below.

Model	Key Kit
AP160M	AP1K
AP200N	AP2K

To remove the old keys, first remove the **large** diameter retaining ring at either end of sheave. Because of the design, the ring will need to be pried and "snaked" out. These rings are flexible, so don't be afraid to twist them slightly. See Fig. #1. **(Remember: Do not remove small snap ring!)** After the large ring is removed, simply invert the sheave and dump the old keys out. Insert the new keys. See Fig. #2. Replace the retaining ring. Do the same operation to the opposite side.

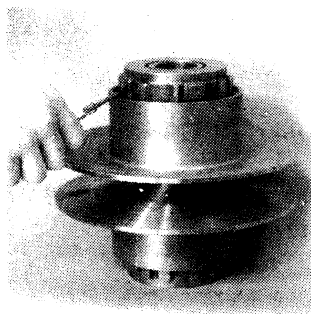


Figure 1

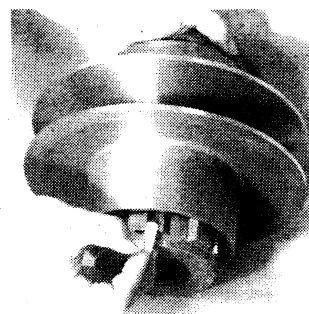


Figure 2



www.tbwoods.com

440 North Fifth Avenue
Chambersburg, PA 17201 - USA
888-829-6637 • 717-264-7161