

AIRLOCK WIPER CHANGE PROCEDURE

- 1) Before beginning work on the airlock, be sure to stop power to the motor and follow all lockout/tagout procedures set forth by OSHA.
- 2) Remove the chain safety guard by removing the 3/8" bolts that hold the guard in place
- 3) Remove the chain by loosening the motor base bolts and sliding the motor towards the airlock to relieve the tension in the chain. Remove the driven sprocket mounted on the airlock rotor shaft.
- 4) Remove the bearings from each side of the airlock. It is a good idea to have a spare pair of bearings in case they need replacing.
- 5) Remove both side plates from the airlock by removing the rest of the 3/8" bolts that secure the sideplates to the airlock housing.
- 6) Remove the entire rotor from the airlock housing.
- 7) The wipers are secured to the rotor by being sandwiched between the rotor blade and a backup plate. Remove the 3/8" bolts that secure the backup plate to the rotor blade holding the wiper in place in order to remove the used wipers. It may be helpful to change one wiper at a time rather than removing all of the used wipers at once.
- 8) Replace the wipers by sandwiching the new wiper between the rotor blade and backup plate. Be sure to use only replacement wipers manufactured by Koger Air Corporation, as they are designed to fit properly for proper sealing of the rotor to the housing.
- 9) Re-install the rotor into the airlock housing by reversing the procedure for removing the rotor. Be sure the rotor is installed in the same orientation as it was removed.
- 10) Be sure to secure all bolts and nuts for safe operation.
- 11) When re-tensioning the chain, be sure that the motor shaft and rotor shaft are parallel.

Spare bearings, wipers, sprockets, chain, and motor/gearbox combos, and complete rotors are all in stock and available for immediate shipment from our warehouse. Please contact our component sales department for assistance.