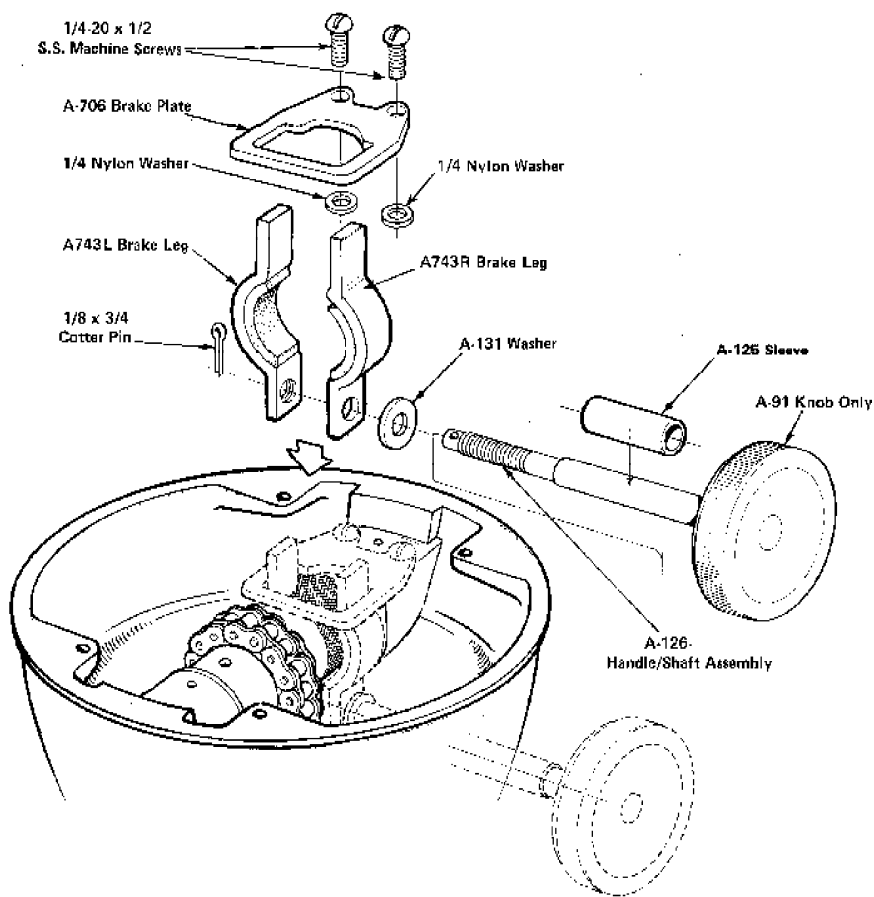




Edson Pedestal Brake
Installation and Re-Lining
Instructions
(For Edson Part# 689 Wheel Brakes)

The Edson Wrap-Around Friction Brake for pedestal steerers is designed to dampen the action of the steering wheel while underway. Especially handy on long runs or when operating under power, this brake can be used to secure the wheel under most conditions and will hold the boat on course while the helmsperson trims a sheet or goes below. The brake was designed to be overridden by the helmsman under all circumstances - it is not a brake lock. Although you may be able to turn the wheel while the brake is applied, it should hold the rudder in place.



Brake Installation (see illustration on facing page)

1. Remove black plastic plug in starboard side of pedestal if installed.
2. Press A125 Sleeve into hole, leaving approximately 1/4" exposed.
3. Insert A126 Knob/Shaft Assy. through sleeve.
3. Guide shaft through A131 Washer on the inside of the pedestal.
4. Insert shaft through A743 Brake Leg on the starboard side of the sprocket.
5. Hold A743T Threaded Leg on port side of sprocket and thread Brake Shaft into threads.
6. Install A706 Brake Plate over the ends of the Brake Legs and secure with 1/4-20 Screws. Test for proper operation and clamping action.
If brake does not clamp properly, check that washer has been installed between shaft shoulder and A743 starboard brake leg.
7. Install new cotter pin through the end of the Brake Shaft and bend slightly.

IMPORTANT: Cotter Pin should be installed only after the operation and clamping action of the brake has proven to be satisfactory. A131 Washer must be installed between shaft shoulder and A743 Brake Leg for proper braking action. Cotter pin must be installed to secure brake shaft.

For replacement brake parts, or any Edson products, contact your nearest Edson Authorized Dealer/Service Center or call Edson direct. Request Edson's latest Marine Catalog for complete product information and specifications.

Brake Pad Re-Lining Instructions

After years of use, especially if the brake is often engaged while in use, the brake pads may wear out, or some grease may have accumulated on the pads and knurling. When the brakes effectiveness is greatly reduces from new, the brake pads should be replaced. You can purchase Edson's Brake Maintenance Kit (Part#3316-689), which includes all of the materials needed to re-line and renew your Pedestal Brake.

Brake Removal (see drawing inside)

1. Stuff a rag down the pedestal tube so that any dropped parts can be easily retrieved.
2. Using a long screwdriver, straighten out cotter pin on Brake Shaft end and remove (don't worry about saving it, a new one is provided).
3. Remove the two 1/4-20 screws securing A706 Brake Plate. Remove Brake Plate.
4. Holding A743T Threaded Brake Leg (Port) in your left hand, unscrew (counterclockwise) A91 Brake Knob. When Shaft threads are clear of threaded leg, lift out Threaded Leg and set aside.
5. Holding A743 Brake Leg (Starboard) in your left hand, pull the A126 Knob/Shaft Assy. out of the Brake Leg and set Brake Leg aside. **(Be careful that the A131 Washer does not fall off of the shaft).** Carefully remove the washer from the shaft and remove the shaft from the pedestal.

Brake Lining Replacement

1. Remove old brake pads. Clean legs with solvent.
2. Bond new pads to brake legs with generous amounts of supplied adhesive or two-part epoxy.
3. Clamp brake legs around a pipe approximately 1 1/2" in diameter while the adhesive cures so that the new pads conform to the shape of the legs.
4. After adhesive has cured, trim brake pads along edges of brake leges with a band saw or hack saw.
5. Reinstall brake components as described inside and check operation before installing cotter pin.
6. If brake does not clamp properly, check that washer has been installed between shaft shoulder and A743 starboard brake leg.