

June 1995

TOPIC: LOOSE HYDRO COOLING FANS

MODELS

AFFECTED: ALL FERRIS HYDRO'S (WALK-BEHINDS AND RIDERS)

There is a possibility of the hydro cooling fans coming loose and shearing the retaining bolt. To rectify this problem, the cooling fan and bolt must be replaced. If the fan bolt is broken off inside the input shaft and removal is not a timely fix, replace the input shaft. Also, when removing pulley, inspect the bottom the pulley for wear on the snap ring. If the pulley shows any signs of wear, replace the pulley.

All possible parts required:

Qty.	Part No.	Description
1	25268	Fan Bolt
1	44577	Retaining Washer
1	21423-5	Transmission Input Shaft (for Eaton Model 851, 771 & 751)
1	*	Transmission Input Pulley (order by model & serial no.)
1	*	Fan (order by model & serial no.)

Installation Instructions

1. Remove old pulley and/or spacer.
2. Remove large snap ring holding input shaft in cover.
3. Place vise grip pliers on shaft and pry shaft and bearing out of cover. Moderate force will be needed to remove so use care not to damage the cover. Shaft and bearing are one piece and will come out together.

CAUTION: No dirt can be allowed to enter the transmission through opening.

4. Install new shaft and reinstall snap ring.
5. Remove small snap ring from input shaft being careful not to damage bearing seal.
6. Install pulley and key. DO NOT tighten set screw at this time.
7. Install fan, washer and new bolt and torque to 115 in/lbs.
8. Loctite and tighten pulley set screw.
9. If Dual Drive, check both transmissions.
10. Reassemble and test unit.

*If input shaft does not need to be replaced, follow steps 7,9 & 10.

