INSTRUCTIONS for the Care of an Aern

This Aermotor requires a change of oil only once a year. To change the oil, we'n the gear-case by removing the plug at the front near the bottom. Flush the gear-case thoroly with kerosene. Remove the plug in the wheel-hub and flush out the oil collector and passages with kerosene. Refill the gear-case with Aermotor oil.

DO NOT USE MORE (Than the Quantities Given Below: 14 504-8234

6' Aermotor 1 quart

14' Aermotor

8' Aermotor 2 quarts

16' Aermotor

10' Aermotor 2 quarts 12' Aermotor 1 gallon

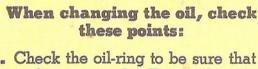
20' Aermotor 5 gallons

2 gallons 2 gallons 5 gallons
Using more than the above quantities is no advantage. Too much oil may cause overflow at the wheel-hub.

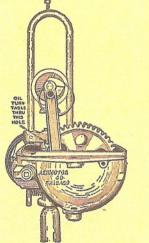
Do not use heavy oil in this Aermotor. Use a light oil that flows freely to all working parts. Heavy oil may clog the oil passages, causing extra wear on some of the working parts. AERMOTOR OIL IS BEST. IT FLOWS FREELY IN ALL WEATHER.

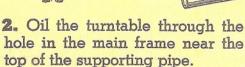
SPOUT

COLLECTOR



1. Check the oil-ring to be sure that it is working properly. This ring carries the oil to the shaft for the pitmen and guide-wheel.





3. Oil the furl ring. -

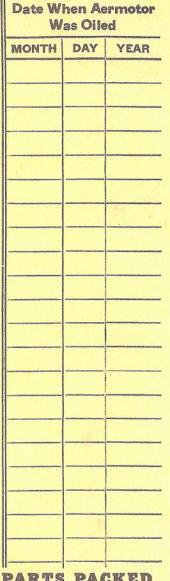
4. Grease the pump pole swivel.

With this small amount of attention only onbe at san your Aermotor will last for many years.

SEE OTHER SIDE for Instructions on Changing the Stroke

AERMOTOR COMPANY . Chicago, Illinois

OIL HOLE



PARTS PACKED IN AERMOTOR HELMET

	_1-527	Furl Link
	_1-585	Tailbone Casting
	1-786	Brake Lever
	1-6131/2	Furl Ring Furl Arms
	2-528	Furl Arms
	_1-659	Buffer
Date	OCT	9 6 1950

Checked By

0

If any error or shortage return this card with your report.

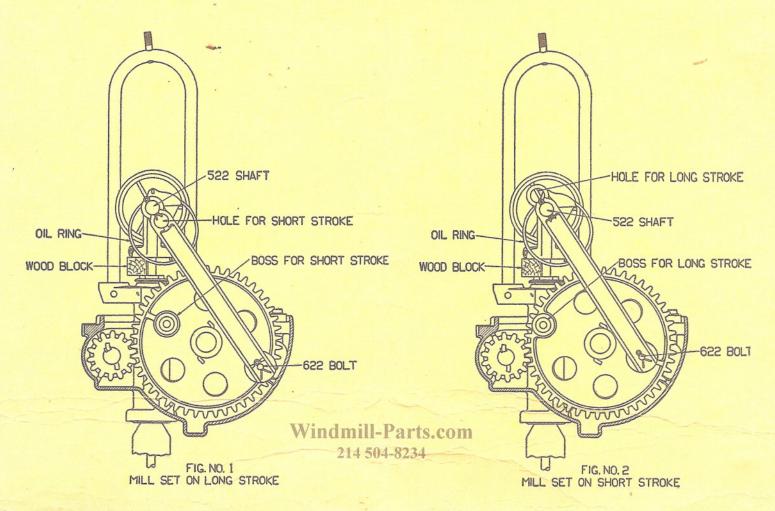
ONS FOR CHANGING THE STROKE

This mill has been assembled on the long stroke at the factory. The advantage of using it on the long stroke is that it pumps more water per stroke.

Windmil-Parts Come This Mill to the Short Stroke

- 1. Turn the large gears until the pitmen are near the bottom of the stroke. (If the pump rod is under load, support the pump rod yoke with a wood block as shown in Fig. 1. A piece the size of the pump pole will do.)
- 2. Remove cotter pin at one end of No. 522 shaft and push the shaft out from the pitmen, yoke and guide wheel.
- 3. Turn large gears until lower ends of pitmen are above rim of gear case. Remove cotter pins and No. 622 bolts, and take both pitmen off the gears.
- 4. Turn the large gears about one-half revolution, or until short stroke bosses are above rim of gear case, so that pitmen can be placed on them. These bosses on

- the large gears are the ones that are closest to the center of the gears.
- 5. Place both pitmen on the short stroke bosses, making sure to replace the No. 622 bolts and the cotter pins that hold the lower ends of the pitmen on the large gears.
- Turn gears until pitmen are near bottom of stroke, as in Fig. No. 2.
- 7. Replace No. 522 shaft thru lower holes in upper ends of both pitmen, thru pump rod yoke and guide wheel. Be sure to replace cotter pin in No. 522 shaft.
- 8. After changing the stroke, be sure that the oil ring rolls on the large gear at the bottom of the stroke. Turn the wheel to be sure everything works freely before putting the mill in operation.



AERMOTOR COMPANY

Chicago, Illinois

(OVER)