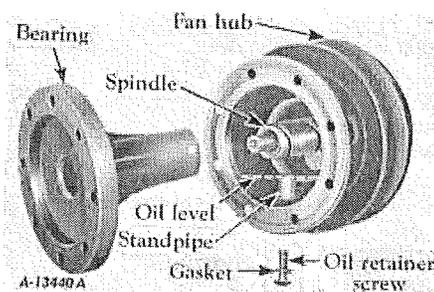


COOLING SYSTEM

Fan Hub Lubrication (Farmall Cub and International Cub Lo-Boy Tractors)

Every six months or after every 500 hours of operation, whichever occurs first, remove oil retainer screw "F" (*Illust. 11A*) and turn the fan assembly so that the oil filler hole is at the right horizontal position. Add engine oil until the oil reaches the level of the hole. Now turn the assembly so that the hole is on the bottom and allow any excess oil to drain out. The oil is then up to level of the top of the stand pipe (approximately $1\frac{1}{2}$ ounces). See *Illust. 12*. Replace the oil retainer screw and be sure that the retainer screw gasket is in place.

Note: The rubber gasket located behind the hub at "E" (*Illust. 11A*) is used for shipping purposes only. It does not have to be replaced when worn out.

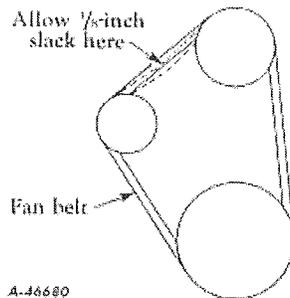


Illust. 12

Fan hub partially disassembled showing oil level.

Fan Belt Tension (Farmall and International 140, 240, and 340 Series Tractors)

The slack of the fan belt should be checked after every sixty hours of operation to assure maintenance of the correct tension. The tension is correct when the belt can be depressed without effort by your thumb approximately $\frac{3}{8}$ inch midway between the fan and generator pulleys. See *Illust. 12A*. If the slack is more than $\frac{3}{8}$ inch, adjust the belt as follows:



Illust. 12A

Correct belt tension.

Adjusting the Fan Belt (Farmall and International 140, 240, and 340 Series Tractors)

Loosen generator brace bolt "A" and generator mounting bolts "B" (*Illust. 10*).

Move the generator away from the engine until the tension on the belt is $\frac{3}{8}$ inch (as explained above) measured between the fan pulley and generator pulley. See *Illust. 12A*.

Caution: Under no circumstances should a pry bar be used on the generator to obtain fan belt tension as damage to the bearings will result.

Tighten mounting bolts "B" and brace bolt "A".

Removing and Replacing the Fan Belt (Farmall and International 140, 240, and 340 Series Tractors)

Replace the fan belt when it becomes soaked with grease, or when it is so badly worn that it does not drive the fan at the proper speed.

To remove the old belt, loosen generator brace bolt "A" and generator mounting bolts "B". See *Illust. 10*. Move the generator in toward the engine and slip the old belt off the generator and crankshaft pulleys. Work the belt over the fan blades to remove it.

To install a new fan belt, work the belt over the fan blades and over the top of the fan pulley. Slide the belt over the crankshaft pulley. Hold the generator in toward the engine if necessary and slide the belt over the generator pulley. Adjust the belt as shown under "Adjusting the Fan Belt".

After a new belt has been in use approximately sixty hours, check the tension and adjust it again if necessary.

Water Pump (Farmall and International 140, 240, and 340 Series Tractors)

The water pump is in front of the crankcase and is driven by the fan belt from the crankshaft pulley. The inlet of the water pump is connected to the lower radiator connection and the outlet flow from the pump is through the integral passages cast in the crankcase.

No lubrication of the pump is required as the bearings are of the permanently sealed type and are packed with special lubricant for the life of the bearing.

The water pump requires no attention other than bearing replacement when they show excessive looseness or if a water leak develops which indicates that a damaged or badly worn seal needs replacement.