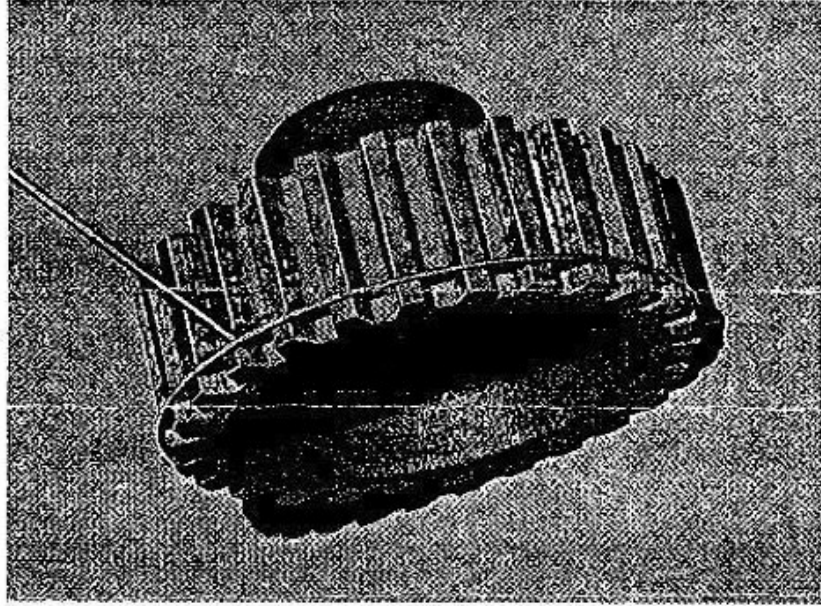


Check the snap ring on the hub (Illust.11) for proper seating in



Illust. 11

Clutch driving hub with snap ring in place.

the groove, and evidence of wear on its sides.

Check the lugs on the clutch plates and the notches in the drum for wear.

Check the surfaces of the discs and plates including the inside faces of the drum and base, for scoring and warpage.

Check the outer circumference of the clutch drum (brake surface) for scoring or other damage.

Check the clutch release levers for wear where the clutch release bearing makes contact.

Check the condition of the clutch release bearing at this time. The clutch release bearing is pre-lubricated and should not be washed.

Check the clutch lever springs.

Check the clutch release lever adjustment as shown in Illust.13.

Evidence of rust in the steering clutches is not uncommon, and some rust will not interfere with the operation or life of the clutch. If rust accumulation is excessive, check the drain holes in the bottom of the steering clutch housings. Some of the early tractors are not equipped with this drain. If it is considered necessary, holes may be drilled and fitted with plug 636 052 and cotter pin 108 635 (1/4" pipe plug and 1-1/8" x 1/8" cotter pin). If a tractor is working in water these holes should be plugged with a pipe plug. The housings can be drained if necessary by removing the lower bolt which secures the brake anchor pin. (Illust.12)



Illust. 12

Brake anchor pin.

#### Assembly and Adjustment:

Assembly is in general the reverse of disassembly. Keep in mind when installing the clutch plates and discs, a plate is located directly over the snap ring on the drive hub (Illust's. 8 & 11). One disc fits between this plate and the face of the drum. Install the remainder of the discs and plates, a total of 7 discs and 6 plates. Install the six bolts with the same washers as were removed (if any). Install the pressure plate assembly and tighten the bolts to 15 foot pounds.

Check the height of the clutch release levers above the drum. This height should be 1.485 to 1.365 inches, (Illust.13) with the clutch release