

# MAINTENANCE

## Engine Clutch

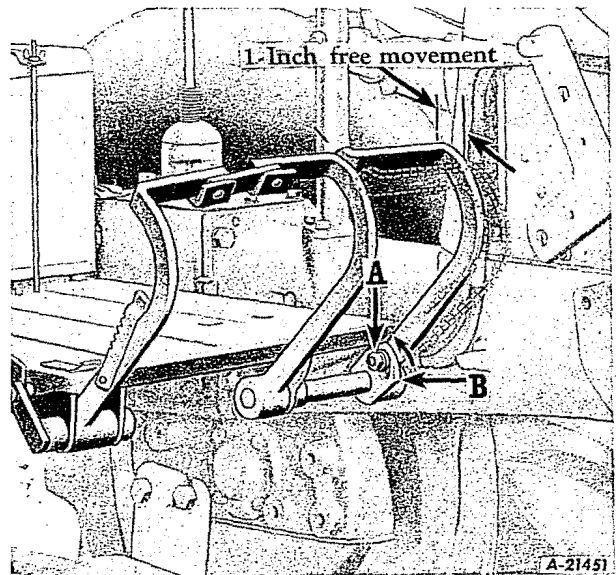
The engine is equipped with either a "Rockford" or "Atwood" clutch; both clutches are of the spring-loaded type, with  $6\frac{1}{2}$ -inch diameter single plate, and dry disc. You can determine which type is in your tractor by counting the number of pressure springs. The "Rockford" clutch has 6 pressure springs while the "Atwood" has 3 springs.

### Care of the Engine Clutch

The clutch is so designed that it requires a minimum of attention. Lubricate the clutch release bearing after every 1,000 hours of operation or at least once a year as instructed in the "Lubrication Guide" on page 22.

### Clutch Clearance

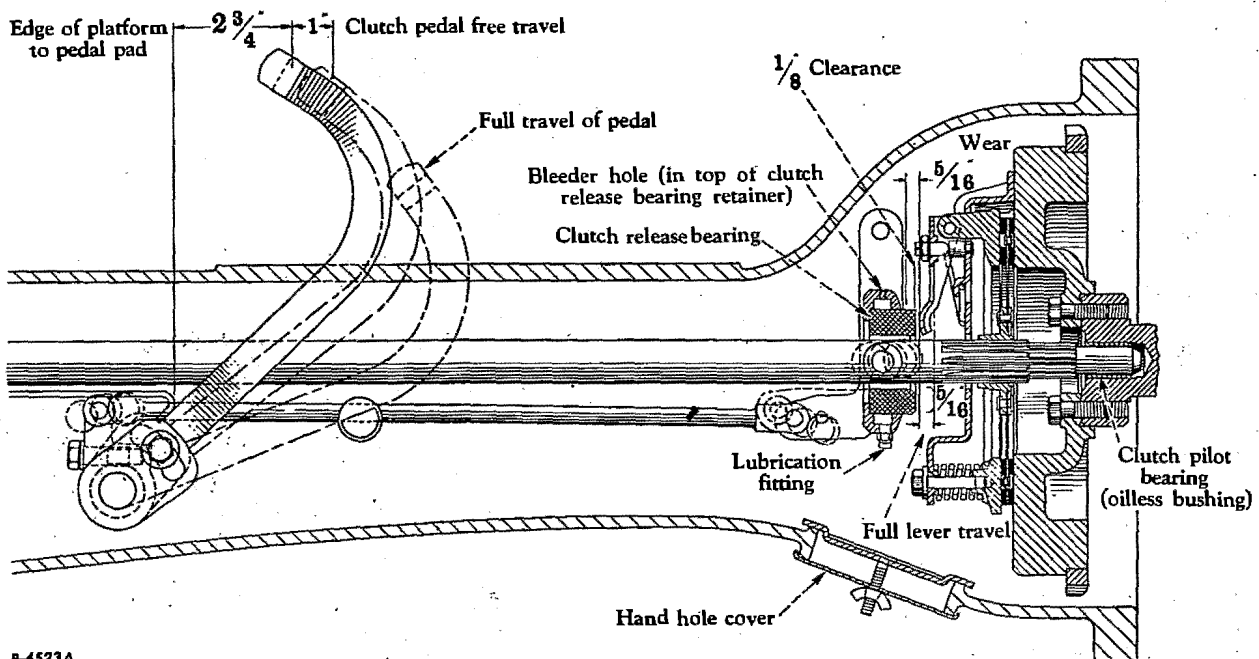
It is very important that the clutch pedal have a free movement of 1 inch (see *Illusts. 47 and 47A*), which will maintain a clearance of  $\frac{1}{8}$  inch between the clutch release bearing and the clutch release levers. As the clutch wears, this free movement decreases and adjustment should be made. The clutch may be badly damaged unless a free movement of the foot pedal is maintained.



Illust. 47

Clutch pedal adjustment.

The correct free movement can be maintained by loosening cap screw "A" (*Illust. 47*) on the outside of the clutch pedal, and rotating the slotted lever at "B" counterclockwise to a position which will give the 1-inch free pedal travel; then retighten the cap screw.



B-4523A

Illust. 47A

Clutch and connections.