

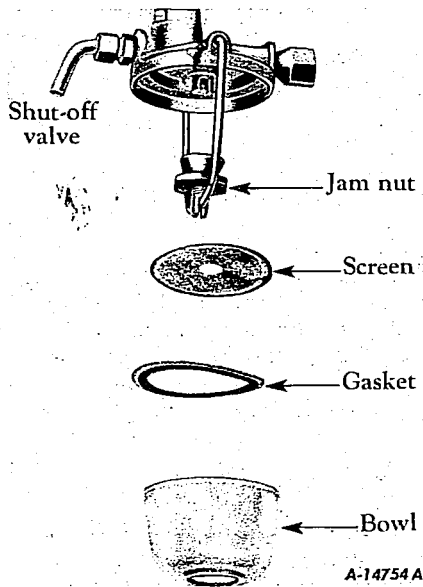
## MAINTENANCE

### Fuel Strainer

#### Cleaning the Fuel Strainer and Sediment Bowl

The fuel strainer should be cleaned after every 250 hours of operation; to do this, proceed as follows:

1. Close the shut-off valve.
2. Take the strainer apart by loosening the lower jam nut.
3. Clean out the sediment bowl and clean the screen if necessary.
4. When reassembling, be sure that the cork gasket between the bowl and main body is in good condition and does not leak. Use a new gasket if necessary.



Illust. 25

Fuel strainer showing glass bowl removed for cleaning.

### Cold Weather Precautions

When operating the tractor in temperatures of +32° F. or lower, observe the following precautions:

#### Fuel System

Use only a high-test, winter-grade gasoline, and keep your supply in a closed container so the more volatile portion does not evaporate.

Fill the fuel tank at the end of the day's run to prevent moisture from collecting in the tank.

### Lubrication

Be sure to use the correct grade of lubricant in the engine crankcase, air cleaner, magneto impulse coupling, rear axle housings, transmission, steering gear case and belt pulley housing *as specified on page 17.*

#### Magneto Impulse Coupling (Tractors with Magneto)

For satisfactory starting, it is important to keep the magneto impulse coupling oiled liberally *as specified on page 31.* The impulse coupling should be kept free of dirt and gummy rust formation.

When hand cranked, the impulse coupling should trip (click) twice for each revolution of the engine. Failure to do so may indicate the need for cleaning. *Refer to page 31 for further information.*

### Cooling System

When the temperature is likely to be +32° F. or lower, there is danger of the water freezing in the cooling system. To prevent this, either drain the water from the cooling system at the end of each run, or use one of the recommended antifreeze solutions.

#### To Drain the System

1. Remove the radiator drain plug on the bottom (left side) of the radiator. *See Illust. 26.*
2. See that the drain is not plugged and that the water drains completely.

**Important!** Before filling the radiator in freezing weather, cover the entire radiator and start the engine; then put in water immediately. This prevents water from freezing during the warming-up period. When the engine has warmed up, uncover the radiator.

1. If an antifreeze is to be used, observe the following instructions:
2. Drain and clean out the cooling system *as described on page 26.*
3. Inspect the hose connections. They must be in good condition inside and out. Then tighten all water connections.
4. Inspect the fan belt and adjust it to the proper tension *as described on page 27.* If the belt is worn or oil soaked, it is best to install a new one.

5. Before refilling the cooling system, make sure that the radiator drain is tightly closed. Then put the required amount of antifreeze into the cooling system. Fill up the radiator with clean water (use soft or rain water if possible) to a level slightly below the bottom of the filler neck.

*Continued on next page.*