

MAINTENANCE

Remove the hose and adapter; then replace the valve core housing, and inflate the tire to the correct operating pressure.

Liquid Weight for Freezing Temperatures

Calcium chloride solution, using a 25% mixture, which is approximately 20 lb. of flaked calcium chloride to 10 U. S. gallons of water, is recommended when freezing temperatures prevail.

The strength of the solution can be checked with a battery hydrometer. A 25% solution measures approximately 1.225 specific gravity and has a freezing point of 25° F. below zero.

Caution! Some calcium chloride flakes have an acid reaction. It is advisable to add 1 pound of lime to each 100 pounds of calcium chloride used.

When preparing calcium chloride solution, always pour the water into the container first; then add the correct amount of calcium chloride crystals, stirring the mixture thoroughly. Never pour the water on the calcium chloride flakes. After the solution is mixed, allow it to cool before using.

Valve Stem Mounting Cones or Nuts

Valve stem mounting cones or nuts are furnished with all rear wheel tire tubes having a valve stem for inserting liquids, and are mounted on the valve stem at the factory.

The purpose of the cone (or nut) is to hold the valve stem in the valve hole when mounting the tire, particularly when liquid is used in the tire. If the tire is mounted or the liquid inserted without the cone (or nut), the valve stem is very apt to be pulled into the rim and will require much extra work to get it through the valve hole.

Care of Tires

Avoid stumps, stones, deep ruts and other hazards. Cuts in tires should be repaired immediately as neglect decreases the tire life.

Keep tires free from oil and grease as both destroy rubber.

After using the tractor for spraying—insect control work—wash off with water any chemicals that may be on the tires.

Tire Protection During Storage

When not in use store the tractor so that the tires

are protected from the light. Before storing the tractor, clean the tires thoroughly. Jack up the tractor so that the load is off the tires, when it is to be out of service for a long period. If it is not jacked up, inflate the tires at regular intervals. Before putting the tractor in service, always inflate the tires to the correct operating pressures.

Tire Chains

For wet grass or ground conditions, use lug-type chains. The flexing of the tire and creeping of chains will break the mud loose as the wheel rotates.

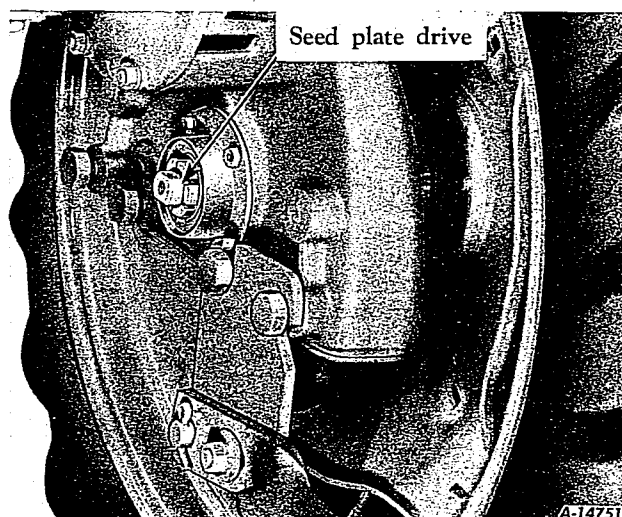
There is a possibility of the tire slipping within the chain; to prevent this, the use of spring-type chain fasteners is recommended.

Static Electricity in Tractors Equipped with Pneumatic Tires Doing Belt Work

Static electricity generated by belt work can be discharged harmlessly by attaching a chain to the tractor and letting it touch the ground.

Seed Plate Drive

The seed plate drive, located on the inner side of the right rear axle (*Illust. 55*) furnishes the power for seed planting attachments, and for sowing fertilizer. Refer to your implement book for complete instructions.



Illust. 55

Location of seed plate drive.