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THE

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Fig. 1 Section of Tractor



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COOLING SYSTEM

The Radiator

The radiator should be kept filled at all times, and should be checked several times daily if the tractor is in continuous use in hot weather or whenever the cooling water boils. IT IS DANGEROUS TO REMOVE THE RADIATOR CAP UNTIL THE WATER HAS BEEN ALLOWED TO COOL DOWN.

Fill slowly to avoid an air lock.

The capacity of the cooling system is 3 gallons (13.64 litres). Always allow the engine to cool down until the back of the hand can be held against the cylinder head without discomfort before refilling with water.

The Pressure Cap (When fitted)

The radiator has a filler cap, see Fig. 26, which seals the system so that a slight pressure is developed in normal operating conditions. A relief valve, however, is fitted so that there will not be any undesirable rise in pressure and this adjustment is pre-set when the cap is built to 4 lb./sq. in. (0.281 Kg./cm.²).

It may be an advantage to fit a pressure cap under severe operating conditions and high ambient atmospheric temperature since the boiling point of the water is raised, thus minimising loss of coolant under these conditions.

Twice yearly, preferably in the autumn when anti-freeze is being added and in the spring when it is removed, the entire water circulating system should be flushed out thoroughly. Remove the pressure cap (if fitted) and open the two drain cocks, one under the radiator, the other on the cylinder block beneath the generator, and pour water into the top tank until such time as the water coming out of the drain cocks is quite clear.

It may be necessary to probe the drain cocks to dislodge sediment and allow the water to flow freely.

When the radiator grilles become clogged with chaff, seed, dust, etc., they should be cleaned, as otherwise the air circulation is retarded and the engine may then overheat.

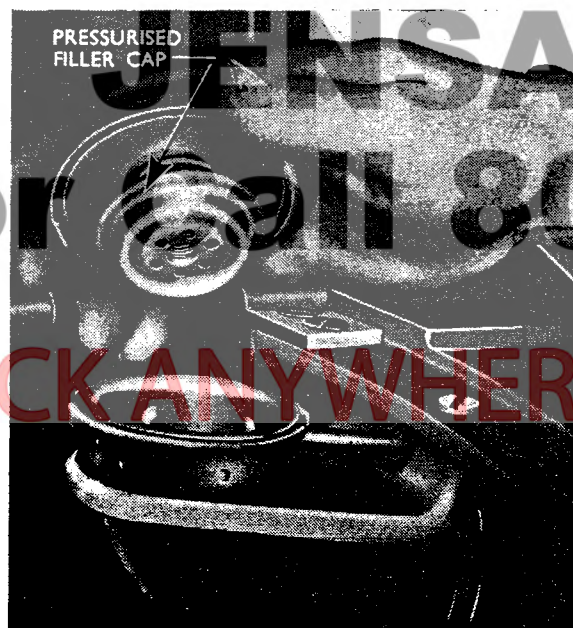


Fig. 26 Pressurised Cap

Fig. 47 Clutch Operating Positions on Tractors fitted with "Live" Power Take-off



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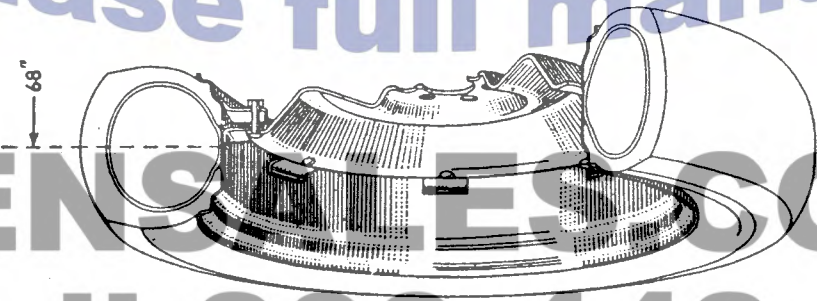
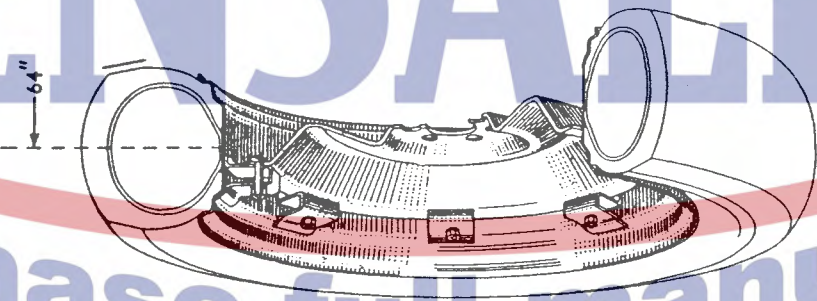
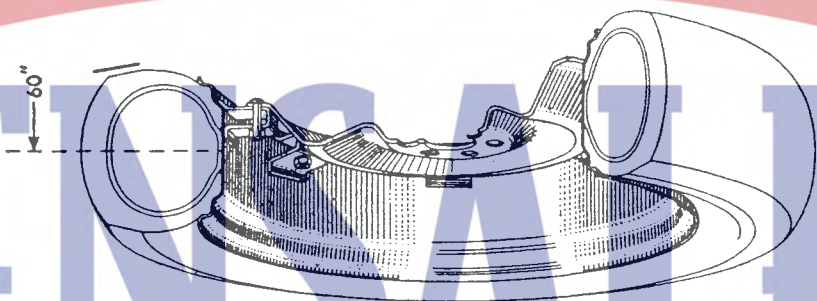
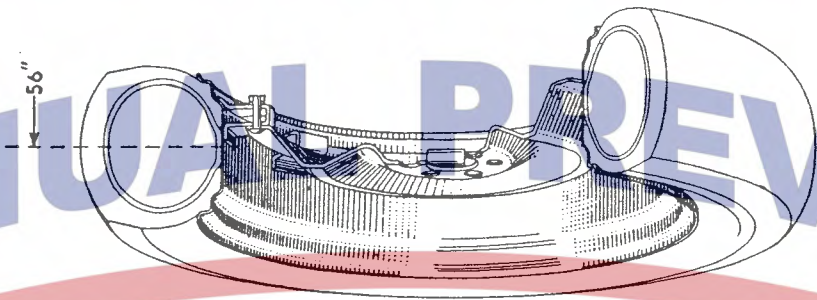
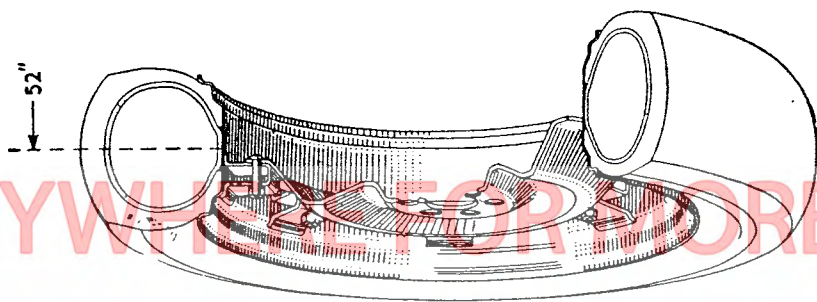


Fig. 50 Rear Wheel Settings

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