



Massey Harris
Massey Ferguson
Operator's Manual
MF135 Diesel
Tractor

Operator's Manual

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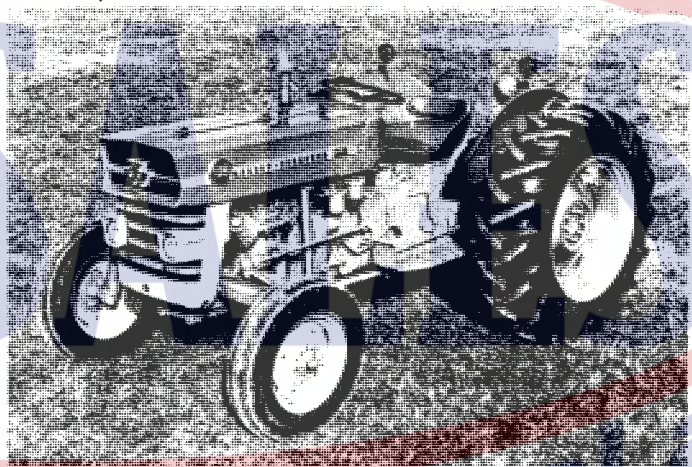
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MH-O-MF135DSL

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Radiator Coolant Level (See Fig. 12)

Check the radiator coolant level and correct, if necessary. If operating in freezing temperatures, add anti-freeze. Proper level is one inch above the radiator core.

Fuel Level (See Fig. 12)

Check the fuel level and fill if necessary. The fuel tank capacity for this Tractor is 10.2 U.S. - 8.3 Imp. gals. (Refer to "Fuels and Fuel Care" section for diesel fuel specifications.)

IMPORTANT: Fill the fuel tank before it becomes empty. If a diesel system is allowed to run out of fuel, it will become necessary to "air-bleed" the fuel system after filling the fuel tank. (See "Servicing" section on "Air-Bleeding" the fuel system.)

Fuel System (See Fig. 13)

Check the agglomerator on the primary fuel filter. If water is present, drain the agglomerator.

Battery (See Fig. 14)

Access to the battery is through the hood-battery service door. To service the

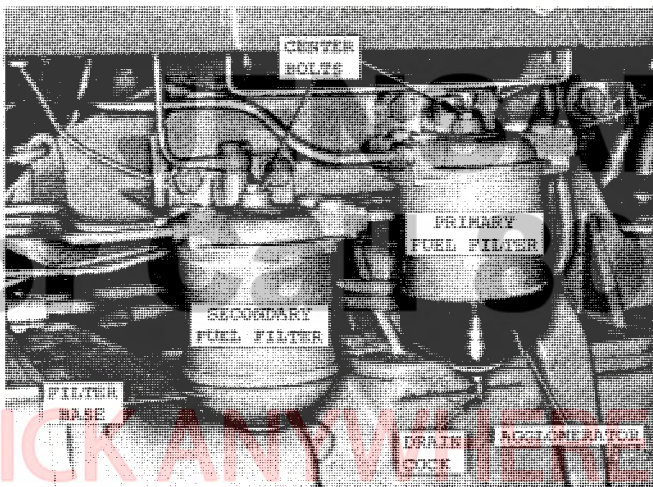


Fig. 13 — Fuel Filters



Fig. 14 — Battery

battery, remove the air cleaner intake extension pipe by raising up and turning the extension pipe. Remove the service door and check the electrolyte level. Fill to the bottom of the battery filler tubes.

Lubrication

Lubricate the Tractor as specified in the 10-Hour Lubrication Schedule. Use the specified type of lubricants.

Grille Service Panel (See Fig. 15)

Removing the grille service panel gives access to remove dirt and chaff from the radiator fins. To remove the grille service

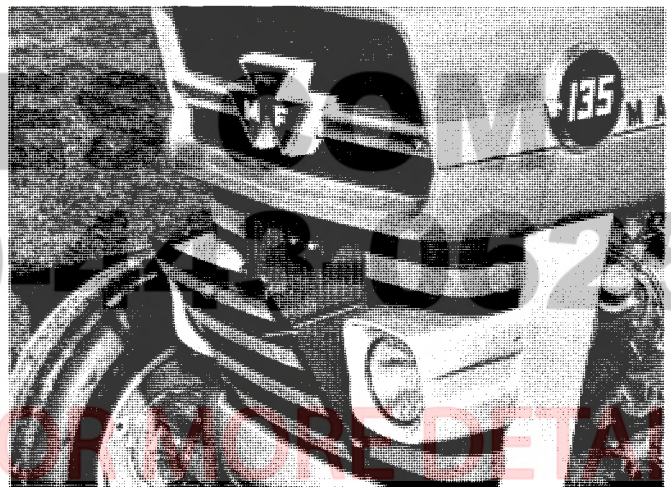


Fig. 15 — Grille Service Panel

ELECTRICAL SYSTEM:

Battery:

Make Massey-Ferguson - negative ground
Volts 12
Amp/Hour Rate 95

Generator:

Make Lucas
Voltage 12
Charging Rate 25 amp.

Regulator:

Make Lucas

Starter Motor:

Make Lucas

BRAKES:

Type Mechanical, double expanding shoe, self-energizing
Shoe Dimension 14 inch diameter, 2 inches wide, 118 square inch area
Pedal Free Travel 3/4 inch

HYDRAULIC SYSTEM:

Lift Pump Constant running, scotch yoke, piston-type
Maximum Pressure 2800 psi
Delivery 4.8 gpm at 2000 engine rpm and 1500 psi
Control Oscillating control valve on inlet side of pump

CAPACITIES:

Fuel Tank 10.2 U.S. - 8.5 Imp. gals.
Cooling System 10.5 U.S. - 8.7 Imp. qts.
Crankcase - w/o Filter Change 6 U.S. - 5 Imp. qts.
Crankcase - w/Filter Change 6.5 U.S. - 5.4 Imp. qts.
Transmission, Differential and Hydraulic System 8 U.S. - 6.7 Imp. gals.
Power Steering Reservoir 1 U.S. - .8 Imp. qts.

TIRE SIZE:

Rear 14.9/13-24, 6-ply Rating
..... 13.6/12-28-R1, 6-ply Rating
Front 6.00-16, 4-ply Rating

DIMENSIONS:

Wheel Base 72-3/8 in.
Minimum Width: 67-716 in.