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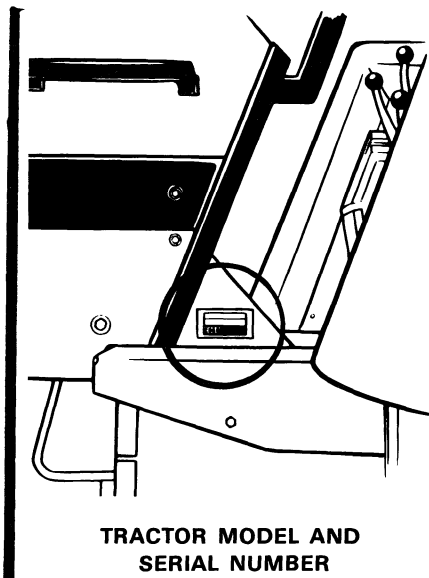
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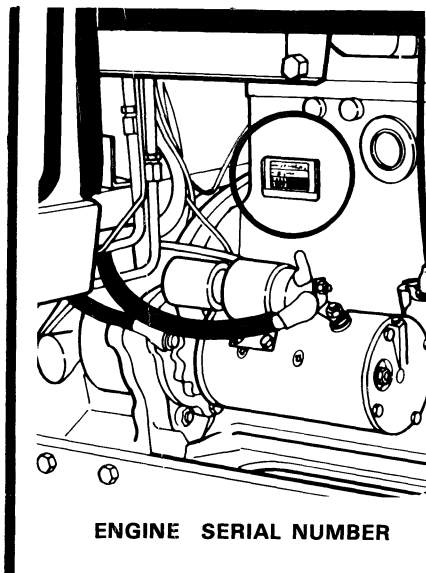
Section 1010

GENERAL SPECIFICATIONS

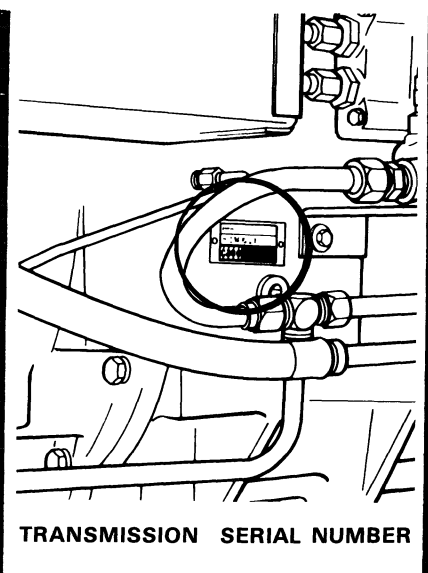
SERIAL NUMBERS



TRACTOR MODEL AND SERIAL NUMBER



ENGINE SERIAL NUMBER



TRANSMISSION SERIAL NUMBER

DIESEL ENGINE

General

Type	6 Cylinder, 4 Stroke Cycle, Valve-in-Head Turbo-charged
Firing Order	1-5-3-6-2-4
Bore	4-5/8 Inches (117.5mm)
Stroke	5 Inches (127mm)
Piston Displacement	504 Cubic Inches (8 259cm ³)
Compression Ratio	15.8 to 1
Cylinder Sleeves	Removable Wet Type
No Load Governed Speed	2340 to 2380 RPM
Rated Engine Speed	2200 RPM
Engine Idling Speed	700 to 750 RPM
*Valve Tappet Clearance (Exhaust)	(Hot) .020 Inch (0.508mm) (Cold) .025 Inch (0.635mm)
(Intake)	(Hot and Cold) .015 Inch (0.381mm)

*Hot settings are made after the engine has operated at thermostat controlled temperature for at least fifteen minutes.

Piston and Connecting Rods

Rings per Piston	3
Number of Compression Rings	2
Number of Oil Rings	1
Type of Pins	Full Floating
Type of Bearings	Replaceable Precision, Steel Back, Aluminum or Copper-lead Alloy Liners

DIESEL ENGINE

Main Bearings

Number of Bearings 7
 Type of Bearings Replaceable Precision, Steel Back, Aluminum or Copper-lead Alloy Liners

Engine Lubricating System

Oil Pressure 45 to 60 PSI (310 to 414 kPa) with Engine
 Warm and Operating at Rated Speed.
 Type of System Pressure and Spray Circulation with
 Piston Oil Cooling
 Oil Pump Gear Type
 Oil Filter (2) Full Flow Spin-on Type,
 Pleated with Bypass Valve in Filter Base
 Oil Capacity With Filters, 22 U.S. Quarts (20.8 Litres)
 Without Filters, 18 U.S. Quarts (17.1 Litres)
 Oil Cooler Engine Oil

Fuel System

Fuel Injection Pump Robert Bosch, Type PES (Multiple Plunger)
 Pump Timing 30 Degrees Before Top Dead Center (Port Closing)
 Fuel Injectors Pencil Type (Opening Pressure 3200 PSI) (22 063 kPa)
 Fuel Transfer Pump Plunger Type, Integral Part of Injection Pump
 Governor Variable Speed, Fly-Weight Centrifugal Type,
 Integral Part of Injection Pump.
 1st Stage Fuel Filter Full Flow Spin-on Type
 2nd Stage Fuel Filter Full Flow Spin-on Type
 Fuel Tank Water Trap and Drain Located in Base of Fuel Tank
 Fuel Tank Capacity 80 U.S. Gallons (302.8 Litres)
 Fuel Level Gauge Electric, Located on Instrument Panel
 Hand Primer Pump Located on Top of Fuel Transfer Pump
 Preliminary Fuel Filter Located at the Bottom of the Fuel Transfer Pump

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