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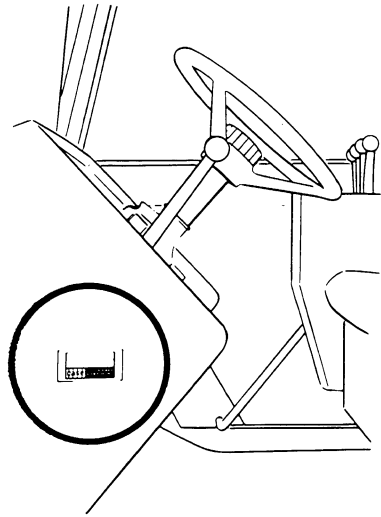
PRIOR TO SN 8762940

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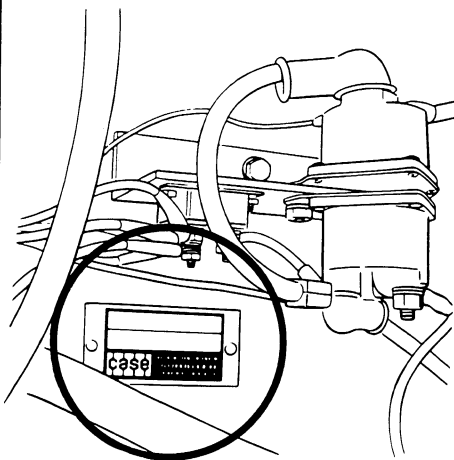
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Section 1010

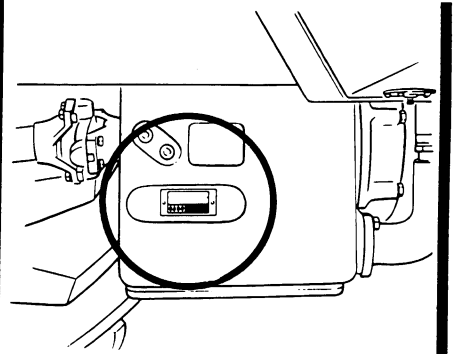
GENERAL SPECIFICATIONS SERIAL NUMBERS



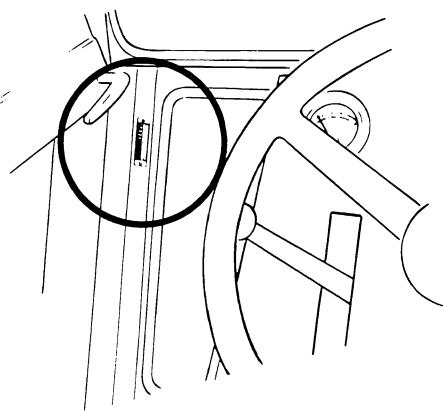
TRACTOR SERIAL NUMBER



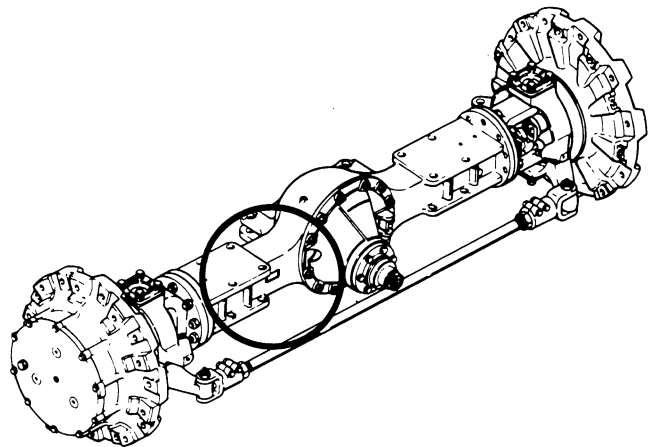
ENGINE SERIAL NUMBER



TRANSMISSION SERIAL NUMBER



CAB SERIAL NUMBER



AXLE SERIAL NUMBER

DIESEL ENGINE

General

Type	6 Cylinder, 4 Stroke Cycle, Valve-In-Head Turbocharged Diesel Engine
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 257cm ³)
Compression Ratio	16.5 to 1
Cylinder Sleeves	Removable Wet Type
No Load Governed Speed	2340-2380 RPM
Rated Engine Speed	2200 RPM
Engine Idling Speed	775-825 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 Rod

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

Main Bearings

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

Engine Lubrication System

Oil Pressure	45 to 60 PSI (3.2 to 4.2 kg/cm ²) with Engine Warm and Operating at Rated Engine Speed.
Type System	Pressure and Spray Circulation
Oil Pump	Gear Type
Oil Filter (2)	Full Flow Spin on Type
Oil Capacity	With Filters, 23 U.S. Qts. (21.8 liters) Without Filters, 19 U.S. Qts. (17.9 liters)

DIESEL ENGINE

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). (225 kg/cm ²)
Fuel Transfer Pump	Plunger Type, Integral Part of Injection Pump.
Governor	Variable Speed, Fly-Weight Centrifugal Type; Integral Parts 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 (2)	Located in Base of Each Fuel Tank.
Fuel Tank Capacity	(55 U.S. Gallons - 208.2 liters - each tank).
Fuel Level Gauge	Electric, Located on Instrument Panel.
Hand Primer Pump	Located on Top of the Fuel Transfer Pump.
Preliminary Fuel Filter	Located At The Bottom Of The Fuel Transfer Pump.

Cooling System

Capacity of System	44 U.S. Quarts (41.6 liters)
Type of System	Pressurized, Thermostat Controlled By-Pass Type: Forced Circulation, (Impeller Type Pump).
Radiator	Heavy Duty Fin and Tube Type
Thermostat (2)	Starts to Open at Approximately 175°F. (79°C), Fully Open at 202°F. (94°C.)
Pressure Cap Required	7 PSI (0.492 kg/cm ²)

Electrical System

Type of System	12 Volt Negative Ground
Batteries	(2) 12 Volt Batteries Connected in parallel Group Size 30H, Rated in 1.255 to 1.265 Specific Gravity. Discharge Rate 300 Amps at 0°F. Voltage Drops to 9.2 after 10 seconds. Voltage drops 1.0 Volt per cell after 4 min.
Alternator	12 Volt 55 Amp Output, Negative Ground
Voltage Regulator	12 Volt, Solid Stage, Mounted on Alternator.
Starter Motor	12 Volt with Solenoid Switch
Head Lights (2)	12 Volt, 40/40 Watt Sealed High-Low Beam
Front Flood Lights (2) (optional)	12 Volt, 35 Watt Sealed Beam
L.H. Rear Flood and Tail Light (1)	12 Volt, 60 Watt Sealed Beam Combination Tail and Flood Lamp.
R.H. Rear Flood (optional) (1)	12 Volt, 35 Watt Sealed Beam
Circuit Breaker System over Load Check	12 Volt Twin 40 AMP Breakers connected in parallel, 80 AMP rating. 60 Amp. Min. Continuous capacity.

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