

# 2140 Tractor Technical Manual

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# Group 00

# Specifications and Special Tools

## Specifications

### Serial Numbers

The engine serial number is stamped into the plate located on the lower front right-hand side of the cylinder block.

*NOTE: When ordering engine parts, quote all digits of serial number stamped on the plate.*

The plate showing the tractor serial number is located on the right-hand side of the front axle carrier.

*NOTE: When ordering tractor spare parts (excluding engine parts), quote all digits and letters of serial number stamped on the plate.*

A plate showing the tractor type, transmission serial number, cone point measurement etched into pinion face of differential drive shaft as well as reduction of differential is located on the right-hand side of the transmission case.

### Model Numbers

The fuel injection pump, fuel injection nozzles, alternator, starting motor, hydrostatic steering valve, compressor of air conditioning system (when equipped) and hydraulic pump have model numbers to facilitate identification of different makes of a given unit.

### Engine

Number of cylinders . . . . .		4
Cylinder liner bore . . . . .	106.5 mm	4.19 in.
Stroke . . . . .	110 mm	4.33 in.
Displacement . . . . .	3920 cm <sup>3</sup>	239 cu.in.
Compression ratio . . . . .		16.8 : 1
Maximum torque at 1600 rpm . . . . .	270 Nm	199 ft-lb
Firing order . . . . .		1 - 3 - 4 - 2
Valve clearance (engine hot or cold)		
Intake valve . . . . .	.035 mm	0.014 in.
Exhaust valve . . . . .	.045 mm	0.018 in.



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