

840, 940, 1040 and 1140 Tractors



TECHNICAL MANUAL 840, 940, 1040 and 1140 Tractors

TM4353 (01JUN82) English

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840, 940, 1040 and 1140 Tractors
Technical Manual
TM-4353

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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 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, and hydraulic pump have model numbers to facilitate identification of different makes of a given unit.

Engine

Number of cylinders		3
Cylinder liner bore	106.5 mm (4.19 in.)	
Stroke	110 mm (4.33 in.)	
Displacement	2940 cm ³ (179 cu.in.)	
Compression ratio	16.8 : 1	
Maximum torque		
840 at 1300 rpm	135 Nm	100 ft-lb
940 at 1300 rpm	150 Nm	110 ft-lb
1040 at 1400 rpm	165 Nm	122 ft-lb
1140 at 1400 rpm	185 Nm	136 ft-lb
Firing order	1 - 2 - 3	
Valve clearance (engine hot or cold)		
Intake valve035 mm	0.014 in.
Exhaust valve045 mm	0.018 in.

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