

850, 900HC, 950 and 1050 Tractors



JOHN DEERE

TECHNICAL MANUAL

850, 900HC, 950 and 1050
Tractors

TM1192 (01AUG86) English



John Deere
Lawn & Grounds Care Division
TM1192 (01AUG86)

LITHO IN U.S.A.
ENGLISH



850, 900HC, 950 AND 1050 TRACTORS

Technical Manual

TM-1192 (Aug-86)

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*850 (-009000), 950 (-012000)

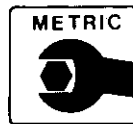
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This tractor is of metric design. All hardware is therefore metric. Make sure you use the specified metric hardware when replacement becomes necessary. For your convenience most specifications are given in customary U.S. measurement with metric measurement following. Some specifications cannot be converted. Those appear in metric only.

All information, illustrations and specifications contained in this technical manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

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Group 00 SPECIFICATIONS AND SPECIAL TOOLS GENERAL TRACTOR SPECIFICATIONS (850-950)

	850 TRACTOR	950 TRACTOR
HORSEPOWER (Official PTO horsepower)	16.61 kW (22.27 hp) at 2600 rpm	20.40 kW (27.36 hp) at 2400 rpm
ENGINE:		
Type	3-cylinder, in-line, valve-in-head, diesel	3-cylinder, in-line, in-line, valve-in-head, diesel
Slow idle speed	800 rpm	800 rpm
Working speed range	1900 to 2600 rpm	1700 to 2400 rpm
Bore and stroke	80 x 85 mm (3.15 x 3.35 in.)	90 x 90 mm (3.54 x 3.54 in.)
Displacement	1.3 L (78 cu-in)	1.7 L (105 cu-in)
Compression ratio	21 to 1	20 to 1
Firing order (No. 1 in rear)	1-3-2	1-3-2
Valve clearance		
Intake	0.20 mm (0.008 in.)	0.15 mm (0.006 in.)
Exhaust	0.20 mm (0.008 in.)	0.15 mm (0.006 in.)



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