Information and Instructions

This shop manual contains several sections each covering a specific group of wheel type tractors. The Tab Index on the preceding page can be used to locate the section pertaining to each group of tractors. Each section contains the necessary specifications and the brief but terse procedural data needed by a mechanic when repairing a tractor on which he has had no previous actual experience.

Within each section, the material is arranged in a systematic order beginning with an index which is followed immediately by a Table of Condensed Service Specifications. These specifications include dimensions, fits, clearances and timing instructions. Next in order of arrangement is the procedures paragraphs.

In the procedures paragraphs, the order of presentation starts with the front axle system and steering and proceeding toward the rear axle. The last paragraphs are devoted to the power take-off and power lift systems. Interspersed where needed are additional tabular specifications pertaining to wear limits, torquing, etc.

HOW TO USE THE INDEX

Suppose you want to know the procedure for R&R (remove and reinstall) of the engine camshaft. Your first step is to look in the index under the main heading of ENGINE until you find the entry “Camshaft.” Now read to the right where under the column covering the tractor you are repairing, you will find a number which indicates the beginning paragraph pertaining to the camshaft. To locate this wanted paragraph in the manual, turn the pages until the running index appearing on the top outside corner of each page contains the number you are seeking. In this paragraph you will find the information concerning the removal of the camshaft.
SHOP MANUAL
JOHN DEERE
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3010 3020 (Before Serial No. 123000)
4010 4020 (Before Serial No. 201000)
5010
(General Purpose, Hi-Crop & Standard)

Tractor serial number located on rear of transmission case
Engine serial number located on front right side of engine block

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# SHOP MANUAL
## JOHN DEERE

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Tractor serial number located on rear of transmission case. Engine serial number located on front right side of engine block.
SHOP MANUAL

JOHN DEERE

SERIES 6030

Tractor serial number located on rear of transmission case. Engine serial number located on front right side of engine block.

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         Bore, Inches 4.74
         Stroke, Inches 5
         Displacement, Cu. In. 531
         Compression Ratio 15.4:1
         Induction *NA. & Turbocharged
         Cylinder sleeves Wet
         Forward Speeds 8

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         Firing Order 1-5-3-6-2-4
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         Valve Tappet Gap
         Intake 0.018
         Exhaust 0.028
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