

Information and Instructions

This individual shop manual is one unit of a series on wheel type tractors. Contained in it are 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.

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

SERIES 4050-4250-4450-4650-4850

Each tractor has the following serial number plates: basic tractor, engine short block, mechanical front-wheel drive, transmission, hydraulic pump, Roll-Gard and Sound-Gard body.

The basic tractor serial number plate is located at the rear of the transmission case. The engine serial number plate is located on right side of engine behind the injection pump. The mechanical front-wheel

drive serial number plate is located on the axle housing. The transmission serial number plate is located on left side of transmission case. The hydraulic pump serial number plate is located on the right side of pump housing. The Roll-Gard serial number plate is located on right-hand front post. The Sound-Gard body serial number plate is located on the windshield wiper motor access door header.

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