

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 4055—4255—4455—4555—4755—4955

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 block behind the injection pump. The transmission serial number plate is located on the left side of transmission case. The front-wheel drive serial number plate is located on the right rear of axle housing. The hydraulic pump serial number plate is located on the top right side of pump housing. The Sound-Gard body serial number plate is located on the windshield wiper motor access door header.

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DUAL DIMENSIONS

This service manual provides specifications in U.S. Customary and Metric (SI) systems of measurement. The first specification is given in the measuring system used during manufacture. The second specification (given in parenthesis) is the converted measurement. For instance, a specification of "0.011 inch (0.279 mm)" indicates the equipment was manufactured using the U.S. system of measurement and the metric equivalent of 0.011 inch is 0.279 mm.

CONDENSED SERVICE DATA

	4055	4255	4455	4555	4755	4955
GENERAL						
Engine Make	OWN _____					
Engine Model	6076T		6		6076A	
Number of Cylinders	_____					
Aspiration	Turbo			Turbo & After Cooled		
Bore	_____ 4.56 in. _____ (115.8 mm)					
Stroke	_____ 4.75 in. _____ (120.7 mm)					
Displacement	_____ 466 cu. in. _____ (7.6 L)					
Compression Ratio	_____ 16.0:1 _____					
Cylinder Sleeves	_____ WET _____					
Speeds Forward/Reverse—						
Power Shift	_____ 15/4 _____					
Quad-Range	_____ 16/6 _____		_____		_____ ...	