

# 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

# J. I. CASE

## SERIES 500-600-900B

### IDENTIFICATION

The serial number is stamped on name plate located near the instrument panel and on left rear side of engine block in the vicinity of the air cleaner.

Series 500 tractors were built with diesel engines only. Series 600 and 900B tractors are available with either a diesel or a LP-Gas engine. All are available with a standard, non-adjustable front axle only.

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Bull sprocket .....	441	441	441	441	441
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Sprockets, driving .....	442	442	442	442	442
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# SHOP MANUAL

## J. I. CASE

SERIES 430-440-470-530-540-570-630-640

**NOTE:** For purposes of identification in this manual "Series 430" includes Gasoline and Diesel Models 430, 431, 440 and 441: Series "470" includes Gasoline and Diesel Models: "Series 530" includes Gasoline, LP-Gas and Diesel Models 530, 530C, 531, 531C, 540, 540C, 541 and 541C: Series 570 includes Gasoline and Diesel Models: "Series 630" includes Gasoline and Diesel Models 630, 630C, 631, 631C, 632, 632C, 640, 640C, 641 and 641C.

Tractor serial number is stamped on tractor name plate located on instrument panel of series 430 and 440, and on right side of engine hood on 470, 530, 540, 570, 630 and 640 series.

Engine serial number is stamped on right rear corner of engine block.

All Series available with Case-O-Matic drive are designated by addition of "C" suffix to model number.

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# INDEX (By Starting Paragraph)—Con't.

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# INDEX (By Starting Paragraph)—Con't.

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# SHOP MANUAL

# J. I. CASE

## SERIES 730-830-930-1030

### IDENTIFICATION

The serial number is stamped on name plate located near the instrument panel and on left rear side of engine block.

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<b>ENGINE</b>					<b>POWER TAKE-OFF</b>				
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Flywheel .....	71	71	71	71	Sliding Gear Shaft .....	180, 181	180, 181	181	181
Main Bearings .....	63	63	63	63	Top Cover .....	170	170	170	170
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					Top Cover .....	...	...	158	...