

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. Interpersed 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

INTERNATIONAL HARVESTER

MODELS

INTERNATIONAL CUB 154 LO-BOY, CUB 184 LO-BOY, CUB 185 LO-BOY

**(Note: Shop Manual for Farmall Cub, Int'l.
Cub and Int'l. Cub Lo-Boy begins on page 25)**

INDEX (By Starting Paragraph)

BRAKES	Camshaft	FINAL DRIVE
CARBURETOR	Conn. Rods & Bearings	Axle Shaft
CLUTCH	Crankshaft	Differential Shaft
COOLING SYSTEM	Cylinder Head	Drive Gear
Fan	Engine Removal	FRONT SYSTEM
Radiator	Flywheel	Axle Main Member
CREEPER DRIVE	Ignition Timing	Steering Knuckles
DIFFERENTIAL	Main Bearings	Tie Rod
ELECTRICAL SYSTEM	Oil Pump	GOVERNOR
Alternator	Pistons & Rings	HYDRAULIC SYSTEM
Distributor	Piston Pins	Control Valve
Motor Generator	Piston Removal	Cylinder
Safety Start Switches	Rear Oil Seal	Lubrication
ENGINE	Timing Gear Cover	Pump
Cam Followers	Timing Gears	Selector Valve
	Valves & Seats	POWER TAKE-OFF
	Valve Guides & Springs	STEERING GEAR
	Valve Timing	TRANSMISSION

CONDENSED SERVICE DATA

GENERAL	Engine Low Idle Rpm - 154	Camshaft Journal Diameter,
Engine Make	Engine Low Idle Rpm - 184 &	No. 3
Engine Model	185	Piston Pin Diameter,
No. of Cylinders	Engine High Idle Rpm - 154	Minimum
Bore - Inches	Engine High Idle Rpm - 184 &	Valve Stem Diameter
Stroke - Inches	185	Main Bearing Diametral
Displacement - Cubic Inches	Engine Full Load Rpm - 154	Clearance
Main Bearings, Number of	Engine Full Load Rpm - 184 &	Rod Bearing Diametral
Drawbar Horsepower	185	Clearance
Pto Horsepower	Carburetor Float Setting - IH 1 13/32 in.	Piston Skirt Clearance
Motor - Generator Make	Carburetor Float Setting -	Crankshaft End Play
Alternator Make	Zenith	Camshaft Bearing Diametral
		Clearance
TUNE-UP	SIZES - CAPACITIES -	Cooling System Capacity,
Firing Order	CLEARANCES	Quarts
Valve Tappet Gap, Inch	(Clearances in thousandths)	Crankcase Capacity, Quarts
Valve Seat Angle	Crankshaft Main Journal	Trans. & Diff. Capacity, Quarts
Ignition Distributor Make	Diameter	No Hydraulic System
Breaker Contact Gap, Inch	Crankpin Diameter	With Hydraulic System
Distributor Timing, Retard	Camshaft Journal Diameter,	With Creeper Drive, No
Distributor Timing, Full	No. 1	Hyd. System
Advance	Camshaft Journal Diameter,	With Creeper Drive, With
Timing Mark Location	No. 2	Hyd. System
Plug Electrode Gap, Inch		Final Drive, Each, Pints