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.

FORD

MODELS 2810-2910-3910

Tractor Series Identification Plate is located under right hood panel or lower down on right side of instrument console. Tractor Serial Number and Engine Serial Number are located on this plate. On tractors equipped with Front-Wheel Drive, Axle identification plate is located on front axle housing.

INDEX (By Starting Paragraph)

BRAKES149	FRONT-WHEEL DRIVE: (CONT.)
CAB 220	Drop Housing & Differential
CLUTCH, ENGINE	Front Drive Shaft
CLUTCH, POWER TAKE-OFF	Planetary, Wheel Hub &
COOLING SYSTEM:	Stub Axle
Radiator	Swivel Housing & Axle Shaft37
Thermostat	Transfer Gearbox
Water Pump101	HYDRAULIC LIFT SYSTEM:
DIESEL FUEL SYSTEM:	Adjustments
Bleeding84	De-Luxe Control Valves
Filters83	(Closed Center)
Injection Pump	Lift Cover Assembly, R&R
Injector Nozzles85	Lift Cylinder, Overhaul183
Trouble-shooting	Priority Valve195
DIFFERENTIAL	Pump (Piston Type)
DIFFERENTIAL LOCK	Pump (Engine Mounted
ELECTRICAL SYSTEM:	Gear Type)
Alternator and Regulator102	Pump (Internally Mounted
Starting Motor	Gear Type)
ENGINE:	Pump (Engine Mounted Tandem
Assembly, R&R	Gear Type)
Camshaft	Remote Control Valves
Connecting Rod Bearings	(Open Center)
Crankshaft and Bearings	Selector Valve
Crankshaft Oil Seals	Trouble-shooting
Cylinder Head	POWER STEERING:
Cylinders	Bleed System
Flywheel, R&R70	Control Valve
Oil Pan	Pump
Oil Pump	Steering Cylinders
Pistons and Rings	Steering Gear
Piston and Rod Removal	System Pressure
Piston Pins	POWER TAKE-OFF:
Rocker Arms	Independent Type
Timing Gear Cover	Transmission Type
Timing Gears	REAR AXLE:
Valve Adjustment	Axle Housings
Valves and Seats	Bearing Adjustment
Valve Guides and Springs	Shaft, R&R
Valve Rotators	REDUCTION GEARBOX
FINAL DRIVE GEARS	STEERING (Manual)
FRONT AXLE (Two-Wheel Drive):	TRANSMISSION:
Axle Center Member	Six-Speed
Drag Links & Toe-In	(Manual Reversing)
Front Support	Eight-Speed (Non-
Spindle Bushings	Synchromesh)
FRONT-WHEEL DRIVE:	Eight-Speed (Synchromesh)
Drive Axle Assembly, R&R	