

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

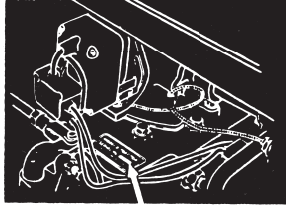
Suppose you want to know the procedure for R&R (remove and reinstall) of the engine camshaft. Your first step is to look in the index under the main heading of ENGINE until you find the entry "Camshaft." Now read to the right where under the column covering the tractor you are repairing, you will find 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

JOHN DEERE

IDENTIFICATION

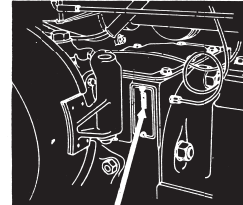
Tractor serial number locations are indicated by white arrows below.



SERIES A, B, G



MODEL D



SERIES H

NOTE: Service procedures for M and MT Series tractors begin on page 50.

INDEX (By Starting Paragraph)

	Series A	Series B	Model D	Series G	Series H		Series A	Series B	Model D	Series G	Series H
BELT PULLEY	177	177	177	177	180	FRONT SYSTEM (Tricycle)					
BRAKES	300	300	303	300	308	Pedestal	2	2		2	2
CARBURETOR	133	133	133	133	133	"Roll-O-Matic"	3	3		3	
CLUTCH	170	170	170	170	170	Vertical spindle	1	1		1	1
						Wheel fork	1	1		1	1
COOLING SYSTEM						FRONT SYSTEM (Axle)					
Fan	155	155	157	155	155	Axle pivot pin	8	8	11	8	9
Radiator	150	150	151	150	150	Pedestal	16	16		16	16
Water pump	160	160		160		Radius rod			12	13	
DIFFERENTIAL	235	235	238	235	239	Steering knuckles	4	4	5	4	4
ENGINE						Tie rods	7	7	7	7	7
Cam followers	81	81	82	81	83	Vertical spindle	15	15		15	15
Camshaft	75	75	78	75	79	GOVERNOR					
Conn. rods & brgs.....	91	91	94	91	96	Adjust	140	140	140	140	140
Crankshaft	103	103	106	103	108	Overhaul	149	149	149	149	149
Cylinder block	98	98	100	98	101	"POWER LIFT"	315	315		315	320
Cylinder head	35	35	39	35	41	"POWR-TROL"					
Flywheel	110	110	110	110	110	Bleeding	350	350		350	
Ignition timing (Dist.)..	163	163		163		Check valves	358	358		358	
Ignition timing (Mag.)..	162	162	162	162	162	Operating valve	361	361		361	
Main bearings	102	102	105	102	107	Pressure test	357	357		357	
Oil filter	125	125	125	125	125	Pump	351	351		351	
Oil pump	127	127	129	127	127	Remote cylinder	363	363		363	
Oil pressure	120	120	121	120	122	Valve housing	362	362		362	
Pistons & rings	88	88	88	88	88	POWER TAKE-OFF	215	215	221	215	222
Piston pins	90	90	90	90	90	REAR AXLE	253	253	255	253	256
Piston & rod removal..	87	87	87	87	87	STEERING GEAR	18	18	25	18	18
Oil seal (left hand)....	109	109	109	109	109	TRANSMISSION					
Rocker arms	53	53	55	53	56	Countershaft	209	209		209	211
Timing gears	70	70	70	70	70	Drive shaft	207	207		207	
Valves & seats	46	46	46	46	46	Reverse shaft			213		214
Valve guides & springs	50	50	50	50	50	Shifters and shafts....	196	196	200	197	201
Valve timing	60	60	60	60	60	Sliding gear shaft....	203	203	204	203	205
FINAL DRIVE											
Axle shafts	253	253	255	253	256						
Bull gears-R & R	253	253	255	253	257						
Bull pinions-R & R....	235	235	238	235	211						