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.

INDEX (By Starting Paragraph) Except Series MTA & W6TA

		ring Parc		_			k WOI	4	
*	Series	age 5 for Series	Series	Cub	WOIA INC Series	dex ★ Non-Diesel	Diesel	Non-Diesel	Diesel
	A	В	С		H & 4	Ser. M&6	Ser. M&6	Series 9	Series 9
BELT PULLEY	499	499	499	500	505	505	505	505	505
BRAKES	490	490	494	490	494	494	494	494	494
CARBURETOR (Not LP Gas)	101	101	101	102	102	102	102	102	102
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Precombustion chambers							122 130 126 129		122 130 126 129
Quick checks DIFFERENTIAL	453	453	455	453	458	458	121 458	460	121 460
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Cam followers	46 69	46 69	46 69	46 70	47 71	47 71	47 71	47 71	47 71
Conn. rods & bearings	88	88	88	88	.88	88	88	88	88
Crankshaft	90 30	90 30	90 3 0	90 31	90 32	90 32	90 33	90 34	90 35
Cylinder head	25	25	25	25	(H)26	(M)26	(M)26	28	28
Flywhool	94	94	94	94	(4)2 7 94	(6)27 94	(6)27	0.4	94
Flywheel	178	178	178	178	178	178	94 178	94 178	178
Injection timing	90	90	90	90	90	90	130 90	90	130 90
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Pistons & rings	74 86	74 86	74 86	77 86	79 96	7 9	82	79 00	82
Piston pins	73	73	73	73	86 73	86 73	86 73	86 73	86 73
Rear oil seal	92	92	92	92	92	92	92	92	92
Rocker arms	48	48	48		48A	48A	48B	48A	48 B
Timing gear cover	58	58	58	58	(H)59 (4)60	(M)59 (6)60	(M)59 (6)60	60	60
Timing gears	62	62	62	62	65	65	65	65	65
Valves & seats	38	38	38	38	38	39	40	39	40
Valve guides & springs Valve timing	43 55	43 55	43 55	43 55	43 55	43 55	43 55	43 55	43 55
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Bull gears	463 462	463 462	469 468	465 465	474 473	474 473	474 473	482 481	482 481
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Tie rods & drag link	5		5	5	5	5	5	5	5
Tricycle type	155	1 155	1	150	2	2	2	101	144
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Carburetor						111 112			
"LIFT ALL"						112			
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Pump POWER TAKE-OFF	499	499	499	500	520 508	520 508	520 508	508	508
REAR AXLE	463	463	470	465	475	475	475	482	482
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Intake manifold							152		152
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Fan	169 166	169 166	169 167	169 167
Water pump		174	174	174
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Injection pump		130 126		130 126
Precombustion chambers		129		129
Quick checks		121		121
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Cylinder head	32 26	33 26	27	27
Flywheel	94	94	94	94
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Injection timing	90	130 90	90	130 90
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Oil relief valve	99	99	99	99
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