

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.

SHOP MANUAL

ALLIS-CHALMERS

Models B-C-CA-G tractor serial stamped on top of transmission.

Models RC-WC-WF tractor serial stamped rear face of rear axle housing.

Models WD-WD45 tractor serial stamped rear face of transmission.

Model WD45 Diesel tractor serial number is located at left brake cover or on left rear side of transmission housing.

B-C-CA-RC engine serial stamped on top of left rear engine flange.

G engine serial stamped on side of left rear engine flange.

WC-WD-WD45-WD45 Diesel-WF engine stamped on left side of cylinder block.

BUILT IN THESE VERSIONS

Tractor Model	Tricycle Type		Axle Type	
	Single Wheel	Double Wheel	Non-Adjustable	Adjustable
B	No	No	Yes	Yes
C	Yes	Yes	No	Yes
CA	Yes	Yes	No	Yes
G	No	No	No	Yes
RC	Yes	Yes	No	No
WC	Yes	Yes	Yes	Yes
WD	Yes	Yes	No	Yes
WD45	Yes	Yes	No	Yes
WF	No	No	Yes	No
WD45D	Yes	Yes	No	Yes

INDEX (By Starting Paragraph)

MODELS	B-C	CA	G	RC	WC,WF	WD, WD45	WD45 Diesel
BELT PULLEY	311	311	308	310	310	310	310
BRAKES							
Adjustment	300	301	304	305	305	306	306
Drums R & R	300	303	304B	277	277	282	282
Reline	300	302	304A	305A	305A	306A	306A
CARBURETOR (Not LP-Gas)	110	110	110	110	110	110	
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Connecting rods & bearings	95	95	96	95	95	95,95A	145B
Crankshaft & bearings	97	97	98	97	97	97	145C
Cylinder head	66	66	67	66	66	66	142
Cylinder sleeves	91	91		91	91	91	144C
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Front oil seal	102	102	102	102	102	102	143B
Main bearings	97	97	98	97	97	97	145C
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Oil pump	106	106	107	106	108	108	146B
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Piston pins	93	93	94	93	93	93	145A
Piston & rod removal	88	88	89	89	90	90	144B
Piston rings	91	91	92	91	91	91	144C
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Valves & valve seats	68	68	69	68	68	68	142F.
Valve springs	72	72	72	72	72	72	142C
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Bevel gears adjust	253	254	255	256	257	258	258
Bull gear renew	266	271		276	276	280	280
Bull pinion bearings adjust	267	272				281	281
Bull pinion renew	268	273		277	277	282	282
Differential overhaul	241	241	243	246	249	251	251
Drive units overhaul	265	270		275	275	279	279
Wheel axle shafts	266	271	286	276	276	280	280
FRONT SYSTEM							
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						Ser.	127007,
						127008	WD45
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