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MANUAL PREVIEW

Allis Chalmers

Operator's Manual

D10 & D12

Series III

S/n 9001 & Up

Operator's Manual

JENSALES.COM

or Call 800-443-0625



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AC-O-D10+SIII

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OPERATORS INSTRUCTIONS

FOR
MODEL

D-10 AND D-12

TRACTORS

Series III



SERIAL NO. 9001 AND UP

JENS SALES.COM

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ALLIS-CHALMERS

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FORM TM-368

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GENERAL SPECIFICATIONS

TIRE PRESSURE

Front	28 lbs.
Rear	12 lbs.

FRONT WHEEL TREAD - D-10

Adjustable Front Axle	45"-72"
High Clearance Front Axle	44"-66"

FRONT WHEEL TREAD-D-12

Adjustable Front Axle	50"-80"
High Clearance Front Axle	60"-86"

REAR WHEEL TREAD-D-10

Power Shift Wheels	48"-71"
Non-Power Shift Wheels	46"-72"
High Clearance Wheels	43"-71"

REAR WHEEL TREAD-D-12

Power Shift Wheels	52"-79"
High Clearance Wheels	52"-80"

TRANSMISSION

Type	Constant Mesh-Helical Gears
Speeds With Range Transmission	8 forward - 2 Reverse
Speeds Without Range Transmission	4 forward - 1 Reverse

RANGE TRANSMISSION

Type	Constant Mesh-Helical Gears
Two Speeds	High Range-Low Range

POWER TAKE-OFF

Type	Live
Shaft Size	1-3/8"
No. of Splines	6
R. P. M. At Low Idle	164-189
R. P. M. At High Idle	645-680
R. P. M. At Rated Load	540

POWER TAKE-OFF CLUTCH

Type	Multiple Disc-Wet
No. of Discs	5
Disc Diameter	5"
Disc Facing	Bi-Metallic-Sintered

BELT PULLEY -

POWER TAKE-OFF DRIVEN

Pulley Diameter	10"
Pulley Width	6"
R. P. M. at High Idle	1176-1240
R. P. M. at Low Idle	299-344
R. P. M. at Rated Load	984
Belt Ft. Per Min. at Rated Load	2576

STEERING GEAR

Type	Worm and Lever
Ratio	24-1

FRONT END WEIGHT

Width	28"
Weight	(129#)

FRONT WHEEL WEIGHTS

Inner - 2 Required	80 lbs.
Outer	90 lbs.

REAR WHEEL WEIGHTS

Non-Power Shift Wheels	106 lbs.
Power Shift Wheels	142 lbs.
High Clearance Wheels	154 lbs. ®

THREE POINT HITCH

Category One

GENERAL DIMENSIONS

Wheel Base	78-3/4"
Overall Length	121"
Overall Height	76-1/2"
Clearance Under Front Axle	20-1/4"

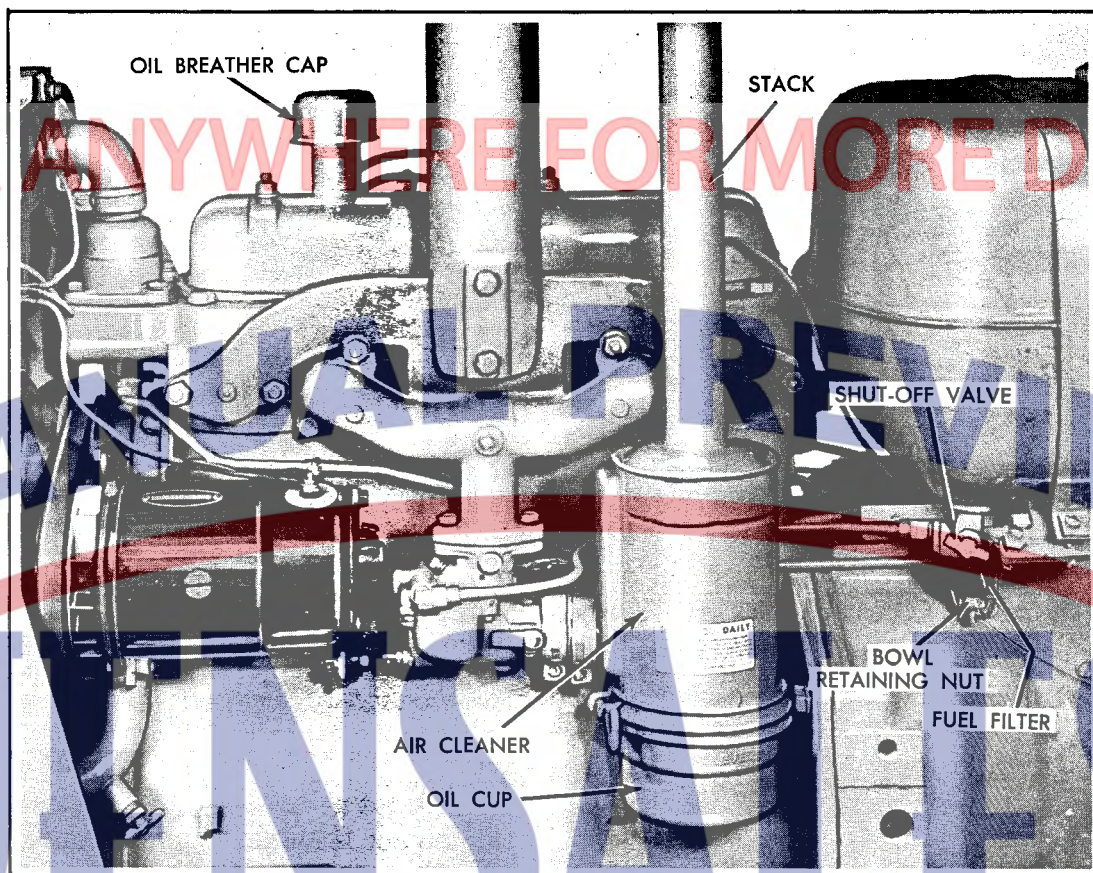
DRAWBAR (Detachable or "Snap-Coupler")

Swing	10-1/2" approx.
Height 11.2 x 24 tires	13-9/16" approx.
12.4 x 24 tires	15-3/16" approx.
9.5 x 36 tires	18-3/4" approx.

DRAWBAR (Retractable)

Swing	10" approx.
Height 11.2 x 24 tires	16-1/2" approx.
12.4 x 24 tires	18-3/32" approx.
9.5 x 36 tires	21-3/4" approx.

The Allis-Chalmers Manufacturing Company reserves the right to make changes in the above specifications or to add improvements at any time without notice or obligation.



ENGINE OIL FILTER

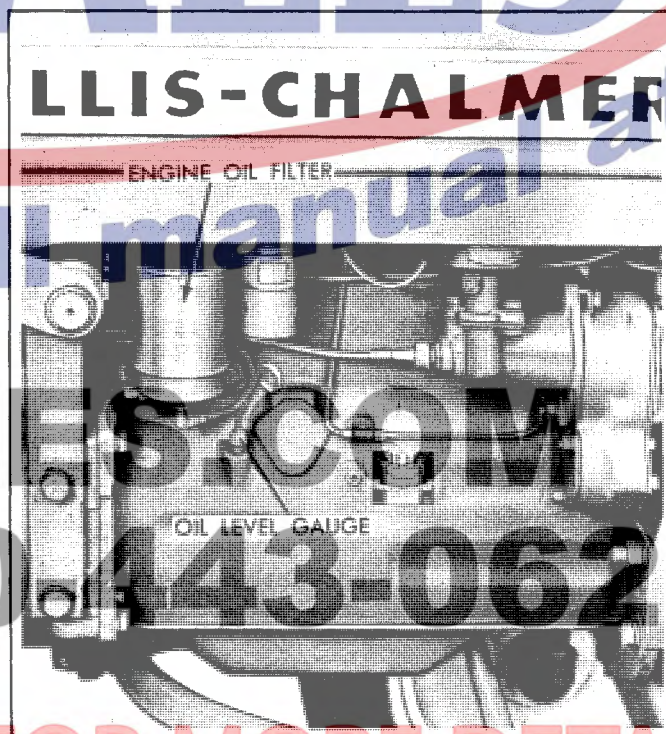
Insure the life of your engine by regular replacement of oil filter. The oil filter is a highly efficient unit for the purpose of filtering abrasive particles from the crankcase oil. Changing filters every 100 hours will keep the oil clean and add many hours to the effective life of the engine. The filter element consists of a metal container packed with a special long thread filtering yarn.

INSTALLATION

Place a spoonful of oil in the center of filter place on center tube and oscillate slowly with a gentle down pressure. Do not rotate. When threads are reached, screw into place. Retighten after engine reaches normal operating temperature.

CAUTION: Install only a new element which is machine packed, to a specific density and supplied by Allis-Chalmers Mfg. Company for the protection of your engine. Make a practice of keeping several filters on hand, so they will be available when needed.

NOTE: A slight decrease in oil pressure is generally noted when a new filter element is in-



stalled, until the element is thoroughly saturated with oil.

THREE POINT HITCH

Tractors are available with a three point hitch, factory installed in place of the SNAP-COUPLER hitch if preferred. The three point hitch is available with either the draft responsive, or the non-draft responsive hitch.

THREE POINT HITCH - DRAFT SENSITIVE

The three point hitch consists of two draft arms connected to a torsion bar, two adjustable lift links connecting the draft arms to the tractor lift arms, and an adjustable upper link assembly.

The movement through the torsion bar under load is transmitted through linkage to the hydraulic system for controlling the depth of the implement.

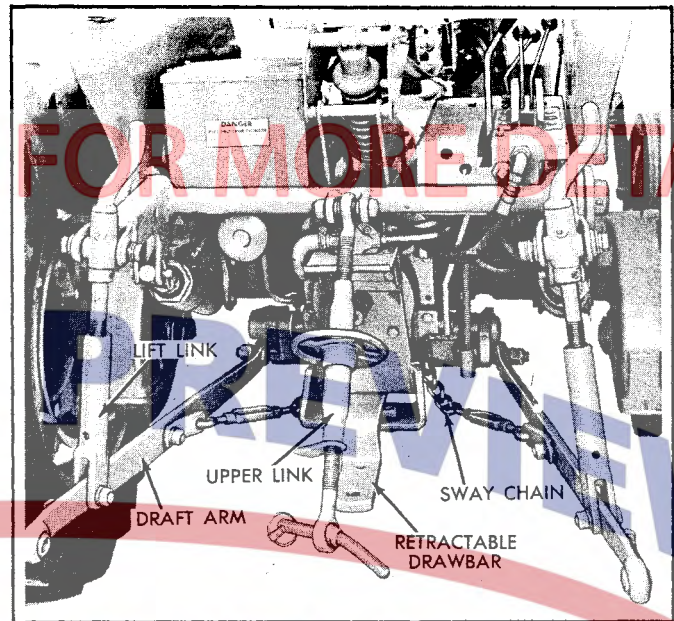
Adjustable sway chains are provided to control the amount of side sway of the draft arms. The chains may be adjusted to prevent side sway when operating implements where side sway is not desired.

The three point hitch will attach to all category 1 implements. Implements are grouped as category 1 according to the dimensions of their hitch attaching points. These dimensions concern the hitch pin diameters, the distance between shoulders of hitch pins, the distance between frame members at top of tower, and the diameter of pin hole at top of tower. Refer to chart below for dimensions.

Dimensions	Category 1
Hitch Pin Diameter	7/8"
Dimension between shoulders of hitch pins	26-7/8"
Dimension between Support At Top of Tower	1-3/4"
Pin hole Diameter at Top of Tower	3/4"

LIFT LINKS

The lift links are adjustable and have a minimum length of 14-1/4" to a maximum length of 18-7/8" from center to center of attaching holes. The links are used to level implement in a



crosswise direction. Additional transport clearance or working depth may be obtained by shortening or lengthening the lift links.

UPPER LINK

The upper link is adjustable from 15-3/8" minimum length to 22-7/8" maximum length and maintaining 1-1/2" of thread engagement at each end of link. The upper link is used to level the implement in a fore and aft direction when operating at its working depth.

HITCHING

Move the retractable drawbar to the forward position. Back tractor up until the pin holes in draft arms are in line with the implement hitch pins. Lock brakes to prevent tractor from moving. Raise the left hand draft arm and attach to hitch pin on implement and insert retaining pin.

Adjust right hand lift link to align draft arm with right hand hitch pin and attach using the quick hitch retaining pin. Re-adjust lift link until both links are equal length. Adjust length of upper link to align pin holes and attach upper link to tower of implement with the pin provided. Lift implement from ground with the hydraulic LIFT-LOWER lever.