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MANUAL PREVIEW

Cockshutt Operator's Manual 560

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Operator's Manual

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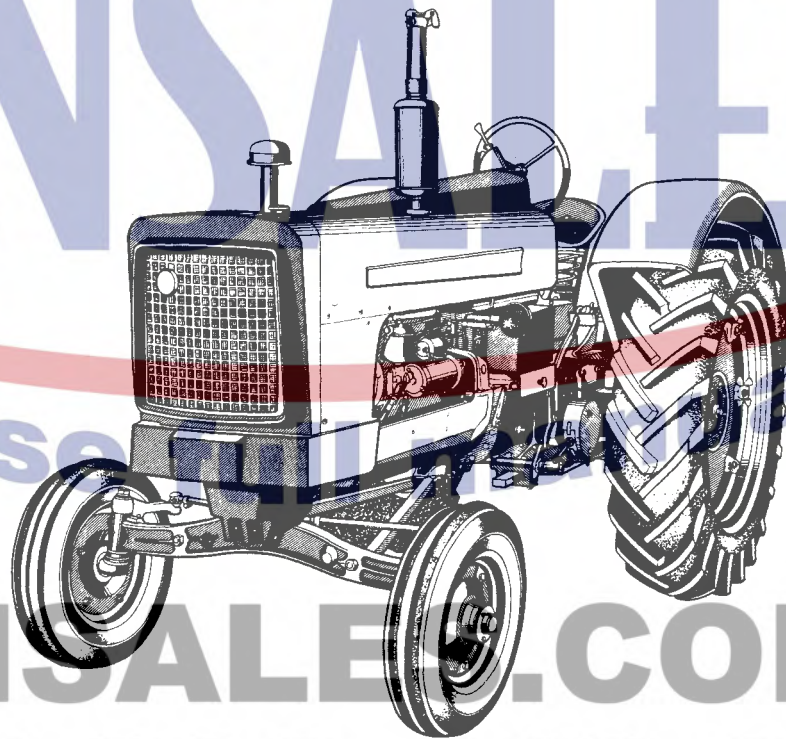
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SETTING UP AND OPERATING INSTRUCTIONS



"560" TRACTOR

(EFFECTIVE SERIAL -CM5000)



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COCKSHUTT

FARM EQUIPMENT OF CANADA LIMITED
BRANTFORD • CANADA

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WHEELS AND TREAD

Front Wheels (Row Crop use 600-16)	6.00 - 16 or 7.50 - 16
Rear Wheels	12:00 - 38, 13:00 - 38, 14:00 - 34 or 15:00 - 34
Tread Front -- Standard	53 1/2" and 57" (1.36 and 1.45 ms.)
Row Crop	7 3/4" and 11 3/8" (0.19 and 0.29 ms.)
Wide Adjustable	58", 62", 66", 70", 74", 78", 82" (1.47, 1.57, 1.67, 1.78, 1.88, 1.98, 2.08, ms.)
Tread Rear -- Non Adjustable	62" or 66" (1.57 ms. or 1.67 ms.)
Adjustable	58" to 88" (1.45 to 2.23 ms.)
Adjustable	58" to 112" (1.45 ms. to 2.84 ms.)
Wheel Base -- Standard	87 3/4" (2.23 ms.)
Row Crop	90 3/4" (2.31 ms.)
Wide Adjustable Front Wheels	95 3/4" (2.43 ms.)

TURNING RADIUS
(Approximate)

Standard and Wide Adjustable Front Axle	
No Braking	178" (4.52 ms.)
Braking	155" (3.94 ms.)
Row Crop -- 58" (1.47 ms.) rear tread	
No Braking	115" (2.92 ms.)
Braking	101" (2.57 ms.)

GENERAL DIMENSIONS (Approximate)

INCHES

METERS

Length Overall	
Standard Model	138 ----- 3.51
Row Crop Model	142 ----- 3.61
Wide Adjustable Front Wheels	147 ----- 3.73
Width Overall -- (minimum tread)	72 1/2 ----- 1.89
Height Overall -- (to top of steering wheel)	78 ----- 1.98
Drawbar -- (vertical adjustment above ground)	11 1/2 to 17 ----- 0.29 to 0.43
(lateral adjustment each side of centre)	11 1/2 ----- 0.29

INSTRUMENT PANEL AND CONTROLS

Illustration No. 3

OIL GAUGE -- as indicated by arrow (1).

This shows the pressure in the oil lines leading from the pump to the engine bearings and should be watched every time the engine is started. If pressure is below "normal" check the oil level and check for leaks in the oil lines to the filter and gauge. If there are none, a qualified mechanic should be consulted and the engine should not be run until corrected.

INSTRUMENT PANEL LIGHT -- as indicated by arrow (2).

BRAKE PEDALS AND INTERLOCKING PIN -- as indicated by arrow (3).

The brake pedals should be used to stop the tractor, hold the tractor in a stationary position, and to assist in making sharp turns as outlined below:

- (1) To stop the tractor, the pedals should be locked together so both brakes will operate simultaneously.
- (2) To hold the tractor in a stationary position, lock the pedals together, depress and lock them in the depressed position using the brake pedal lock.
- (3) To assist in making a sharp turn, the pedals must be operated individually, depressing the pedal on the side toward which the turn is to be made.

CAUTION -- Always lock pedals together by means of the sliding pin, when travelling on the road.

C PERIODICALLY -- Check monthly. Replace lubricant every 1000 hours of use.

Steering Gear	Filler plug on housing. Use E.P. S.A.E. 140 gear oil. Capacity 1 Imp. pint (1 1/4 U.S. pints) (1/2 litre).
Transmission	Bring level up to level plug after tractor has been idle 5 or 10 minutes. Use SAE 90 extreme pressure (mild) gear lubricant. Capacity 8 Imperial gallons (9 1/2 U.S. gallons) (36 litres). If L.P.T.O. is installed 1 1/4 Imperial gallons (1 1/2 U.S. gallons) (5 1/2 litres) extra are required.
Miscellaneous	Use a few drops of engine oil occasionally on linkage or control rod connections such as clutch rod, brake linkage etc.,
Belt Pulley	Lubrication is automatic when gear shift lever is in the high range position.
Live Power Take-Off	See "Transmission".
Hydraulic System	Capacity 9 1/2 Imperial quarts (11 1/2 U.S. quarts) (11 litres) of S.A.E. 10W oil. If operated in extremely cold temperatures use S.A.E. 5W oil. Replace filter after the first 50 hours. Then replace once a year.

TIRES

MOUNTING

Tires should be inflated to 30 lbs. (2.1 KG./sq. cm.) when tire is mounted in order to force tire bead firmly into the rims. Decrease pressure to recommended tire inflation pressure.

INFLATION

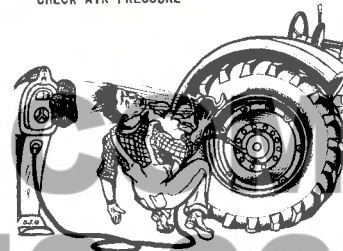
Front Tires -- 6.00-16 inflate to 28 pounds (1.96 Kg./sq. cm.)
7.50-16 inflate to 24 pounds (1.69 Kg./sq. cm.)

Rear Tires ---12.00-38 inflate to 12 pounds (0.84 Kg./sq. cm.)
13.00-38 inflate to 12 pounds (0.84 Kg./sq. cm.)
14.00-34 inflate to 16 pounds (1.13 Kg./sq. cm.)
15.00-34 inflate to 16 pounds (1.13 Kg./sq. cm.)

CAUTION -- Check tire pressures weekly. Do not run tires either under or over inflated as the cord body of tire may be damaged.

When ploughing, the pressure in the rear furrow tire should be increased to 16 pounds (1.13 Kg./sq. cm.).

CHECK AIR PRESSURE



LIQUID WEIGHT

Tires may be filled with a liquid to an extent recommended by the tire manufacturer. For temperatures above 32°F. (0°C.) use clean water as a liquid. When operating in temperatures below 32°F. (0°C.) a calcium chloride solution of approximately 2.3 pounds (1.04 Kg.) to 1 Imperial gallon (4.5 L.) of water is recommended. A specific gravity reading of 1.225 gives a freezing point of -25°F. (-32°C.).

CAUTION -- To prevent heating ALWAYS add the calcium chloride to the water.

THREE POINT HITCH

Illustration 67

INSTALLATION

Make sure that braces (16) are in rear hole of hitch frame.

Place supports (1) on each side of crossbar (2). Place crossbar and supports on hitch as shown and bolt in place. Turn crossbar so that end holes are vertical and tighten set screws.

Bolt bracket (4) to arch (5) using centre holes in bracket. Bolt arch (5) to final drive case.

Replace P.T.O. shield on machines equipped with P.T.O. with shorter shield.

Slide right and left lift arms (6) over splines on rockshaft. Slide arm (7) over left end of rockshaft, place washer (8) on each end of rockshaft and insert capscrew (9) in each end.

Attach right and left draw links (10) to rear crossbar as shown.

NOTE: Left draw link has a lug welded on the side.

Attach right and left lift rods (11) to draw links and lift arms as shown. Bolt sway brace and extension (12) in position. Attach upper cushion link (13) to anchor.

ADJUSTMENTS

For fixed position of rockshaft, insert pin (14) through arm and yoke as shown.

For float position of rockshaft, insert pin (15) through slot of yoke on lift arm.

Length of sway brace (12) is adjustable. Amount of sway is determined by position of collar.® on crossbar.

