



White
Operator's Manual
2-50
Field Boss

Operator's Manual

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OPERATOR'S MANUAL

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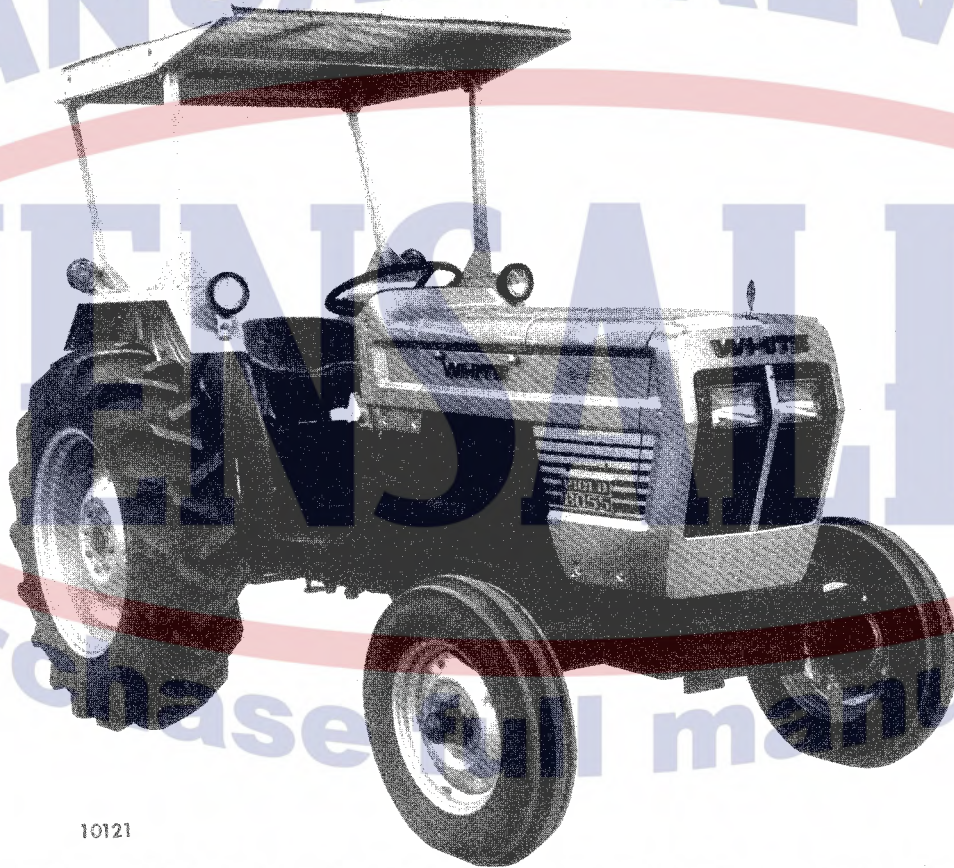
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MANUAL PREVIEW



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INTRODUCTION

This Operator's Manual is presented to furnish you with necessary information for operating and maintaining your tractor. Its primary purpose is to assist you in lubricating and adjusting the tractor for daily and seasonal operation. We especially wish to call your attention to the many safety slogans listed in this manual. Although your tractor is designed with the safety of operation in mind, possibilities of accidents cannot be completely eliminated until you understand and practice all safety precautions.

Timely service saves costly repairs and valuable time lost because of breakdowns. Whenever it becomes necessary to make REPAIRS or REPLACEMENTS on your tractor, be sure to insist on GENUINE WHITE FARM EQUIPMENT COMPANY PARTS. These parts are designed specifically for your tractor under controlled specifications to give satisfaction and long lasting service to which you are entitled. YOUR DEALER CAN SUPPLY YOU WITH PARTS YOU REQUIRE. For additional information consult your dealer.

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SPECIFICATIONS

DIMENSIONS (Inches Except as Indicated)

	UTILITY 14.9-28	FOUR-WHEEL DRIVE 14.9-28
Overall Length	116-1/8 in. (295 cm)	120-5/8 in. (306 cm)
Overall Width (Min)	63 in. (160 cm)	63 in. (160 cm)
Overall Height		
Top of Steering Wheel	60-3/8 in. (153.4 cm)	60-5/8 in. (154 cm)
Wheel Base	75-5/8 in. (192 cm)	76-3/4 in. (195 cm)
Ground Clearance under Front Axle	17 in. (43.1 cm)	15 in. (38.1 cm)
Minimum Turning Radius (Without Brakes)	134 in. (340.4 cm)	169 in. (429.3 cm)
Approximate Shipping Weight	3970 lbs. (1804 kg)	4450 lbs. (2023 kg)

WHEEL TREADS (In Inches)

Utility	
Front	8 Positions - 52 to 80 in. (132.1 to 203.2 cm)
Rear	
Regular Wheel	8 Positions - 48 to 76 in. (121.9 to 193 cm)
Powerjuster	64 to 88 wheels dished out (163 to 224 cm)
.	52 to 76 wheels dished in (132 to 193 cm)
4WD	
Front	2 Positions - 55 (139.7 cm) and 59 in. (149.8 cm)
Rear	
Regular Wheel	8 Positions - 48 to 76 in. (121.9 to 193 cm)
Powerjuster	64 to 88 wheels dished out (163 to 224 cm)
.	52 to 76 wheels dished in (132 to 193 cm)

TRAVEL SPEEDS

Gear	Engine Speed of 1967 rpm (540 PTO) 14.9-28 tires		Engine Speed of 2500 rpm 14.9-28 tires	
	MPH	KMH	MPH	KMH
1	1.2	1.9	1.5	2.4
2	1.7	2.8	2.2	3.5
3	2.5	4.0	3.2	5.1
4	3.3	5.4	4.2	6.8
5	4.2	6.7	5.3	8.5
6	6.3	10.2	8.0	12.9
7	9.2	14.8	11.7	18.8
8	11.9	19.1	15.1	24.3
R1	1.7	2.7	2.1	3.4
R2	6.0	9.6	7.6	12.3
Creeper (Optional)				
1	0.4	0.6	0.5	0.8
2	0.6	0.9	0.7	1.1
3	0.8	1.3	1.0	1.6
4	1.0	1.6	1.3	2.1
R	0.6	0.9	0.7	1.1

LUBRICATION

HYDRAULIC AND TRANSMISSION UNIT

Lubricant

Hydraulic unit receives its oil supply from transmission. Use White Farm Equipment Company Universal Tractor Hydraulic-Transmission fluid or 20W-40 API SD lubricant.

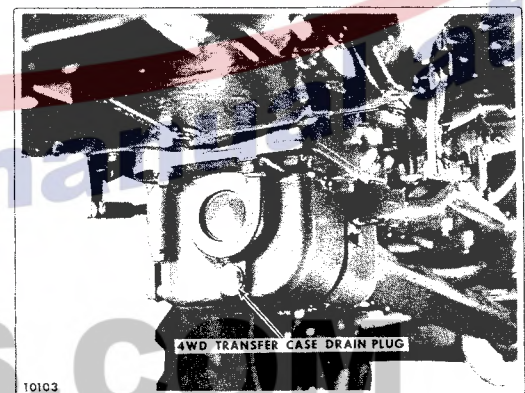
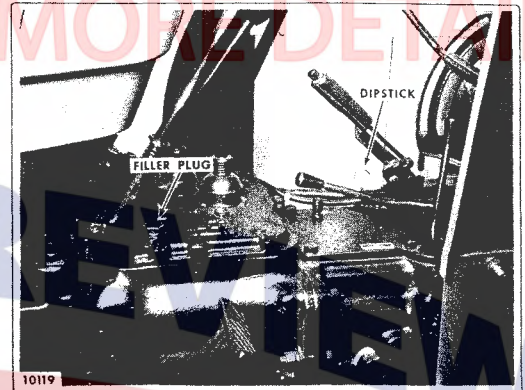
UNIVERSAL TRACTOR HYDRAULIC-TRANSMISSION FLUID IS AVAILABLE FROM YOUR DEALER UNDER FOLLOWING PART NUMBERS: 30-311 6360 (QT. CAN), 30-310 5695 (2 GAL. CAN), 30-310 5709 (5 GAL. CAN), 30-310 5717 (55 GAL. DRUM).

Checking Lubricant Level

Check lubricant level daily or every 10 hours of operation, whichever comes first. Maintain lubricant level at mark on dipstick with three-point hitch lowered. Add oil, if necessary, through filler plug.

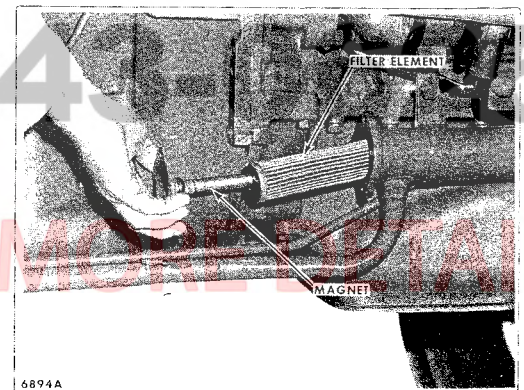
Changing Lubricant

Change lubricant in transmission hydraulic unit yearly or every 1000 hours of operation, whichever comes first. Drain lubricant when it is warm from operation by removing both drain plugs. If tractor is equipped with external cylinder or cylinders, disconnect hose or hoses from cylinder and allow to drain. Work cylinder piston rods in and out to eliminate old lubricant. Connect hose and reinstall drain plugs. Fill transmission-hydraulic unit to top of dipstick mark and operate tractor for a short time. Actuate remote cylinder or cylinders and three-point lift. Stop engine and recheck oil with three-point lift arms lowered. Add oil, if necessary, through filler plug.



TRANSMISSION - HYDRAULIC OIL FILTER

Remove and clean transmission-hydraulic oil filter bi-weekly, every 100 hours of operation or whenever system is drained. To service element, remove two cap screws and filter cover. Remove filter from filter housing and wipe out inside of housing with clean cloth. Wash element in solvent and allow to dry. Check and clean magnet on filter cover. Reinstall filter element and cover using new 30-304 2774 Gasket if necessary.



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