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MANUAL PREVIEW

Oliver

Operator's Manual

1855

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OL-O-1855

Make: Oliver	Model: 1755	Years Made: 1970-1975
HP-PTO: 86.98	HP-Engine:	HP-Drawbar: 72.4
HP-Range: 87	Engine-Make:	Engine-Fuel: GAS
Engine-Cyl(s): CID: 6/283	Transmissi-on-STD: CM	Optional: HYDRA-POWER
Fwd/Rev Standard: 6/2	Fwd/Rev Optional: 18/6	Mfwd-Std/Opt: OPT
Tires-Std Front: 7.50-15	Tires-Std Rear: 18.4-34	Wheelbase-Inch: 103
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: True
CAT II-3pt Hitch: True	CAT III-3pt Hitch: False	Hitch Lift:
Hydraulics-Type: OPEN	Hyd-Cap: 27	Hyd-Flow: 20
Hyd Std Outlets: OPT	Cooling Capacity: 20	Fuel Tank Capacity: 35
Cab-Stdm A/C; Rops: OPT	Weight: 9490	New Price: 11275

Make: Oliver	Model: 1955	Years Made: 1969-1974
HP-PTO: 108.16	HP-Engine:	HP-Drawbar: 90
HP-Range: 108	Engine-Make:	Engine-Fuel: DIESEL/TURBO
Engine-Cyl(s): CID: 6/310	Transmissi-on-STD: CM	Optional: HYDRA-POWER
Fwd/Rev Standard: 6/2	Fwd/Rev Optional: 18/6	Mfwd-Std/Opt: OPT
Tires-Std Front: 11L-15	Tires-Std Rear: 20.8-38	Wheelbase-Inch: 103
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: False
CAT II-3pt Hitch: True	CAT III-3pt Hitch: True	Hitch Lift: 6000
Hydraulics-Type: OPEN	Hyd-Cap: 27	Hyd-Flow: 20
Hyd Std Outlets: OPT	Cooling Capacity: 20	Fuel Tank Capacity: 35
Cab-Stdm A/C; Rops: OPT	Weight: 11245	New Price: 13932

Paint Codes	
Location	MFG Color Name
TRIM & WHEELS	CLOVER WHITE
BODY OF TRACTOR	OLIVER GREEN

Make: Oliver	Model: 1855	Years Made: 1969-1975
HP-PTO: 98.6	HP-Engine:	HP-Drawbar: 82.65
HP-Range: 99	Engine-Make:	Engine-Fuel: DIESEL
Engine-Cyl(s): CID: 6/310	Transmissi-on-STD: CM	Optional: HYDRA-POWER
Fwd/Rev Standard: 6/2	Fwd/Rev Optional: 18/6	Mfwd-Std/Opt: OPT
Tires-Std Front: 11L-15	Tires-Std Rear: 23.1-34	Wheelbase-Inch: 103
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: True
CAT II-3pt Hitch: True	CAT III-3pt Hitch: False	Hitch Lift: 4000
Hydraulics-Type: OPEN	Hyd-Cap: 27	Hyd-Flow: 20
Hyd Std Outlets: OPT	Cooling Capacity: 20	Fuel Tank Capacity: 35
Cab-Stdm A/C; Rops: OPT	Weight: 11140	New Price: 12405

Make: Oliver	Model: 2255	Years Made: 1972-1976
HP-PTO: 146.72	HP-Engine:	HP-Drawbar: 123
HP-Range: 147	Engine-Make:	Engine-Fuel: DIESEL
Engine-Cyl(s): CID: V-8/573	Transmissi-on-STD: CM	Optional: HYDRA-SHIFT
Fwd/Rev Standard: 6/2	Fwd/Rev Optional: 18/6	Mfwd-Std/Opt: OPT
Tires-Std Front: 11.00-16	Tires-Std Rear: 18.4-38	Wheelbase-Inch: 108
Pto Type: IND	Pto Speed: 1000	CAT I-3pt Hitch: False
CAT II-3pt Hitch: True	CAT III-3pt Hitch: True	Hitch Lift: 6000
Hydraulics-Type: OPEN	Hyd-Cap: 27	Hyd-Flow: 20
Hyd Std Outlets: OPT	Cooling Capacity: 40	Fuel Tank Capacity: 35
Cab-Stdm A/C; Rops: OPT	Weight: 16407	New Price: 17935

2255	
Year	Beginning Serial Number
1972	235598
1973	237210
1974	244825
1975	258472
1976	266683

1755	
Year	Beginning Serial Number
1970	221603
1971	226445
1972	231415
1973	238136
1974	245667
1975	257515

LOWER INSTRUMENT PANEL, LH SIDE 1855	
Year	Beginning Serial Number
1969	220640
1970	221100
1971	223507
1972	231366
1973	236585
1974	247436
1975	255727

LOWER INSTRUMENT PANEL, LH SIDE 1955	
Year	Beginning Serial Number
1971	226858
1972	232958
1973	239032
1974	247871

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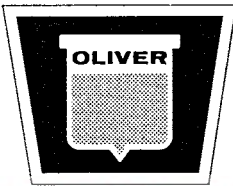
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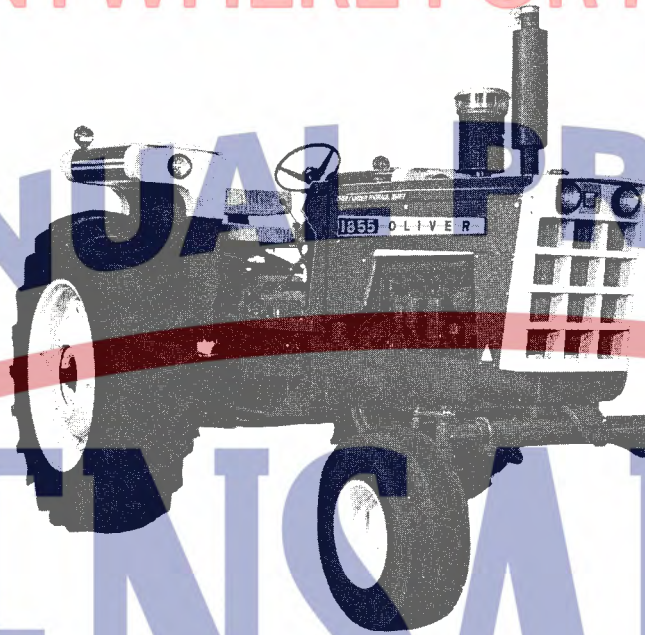
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1855 TRACTOR



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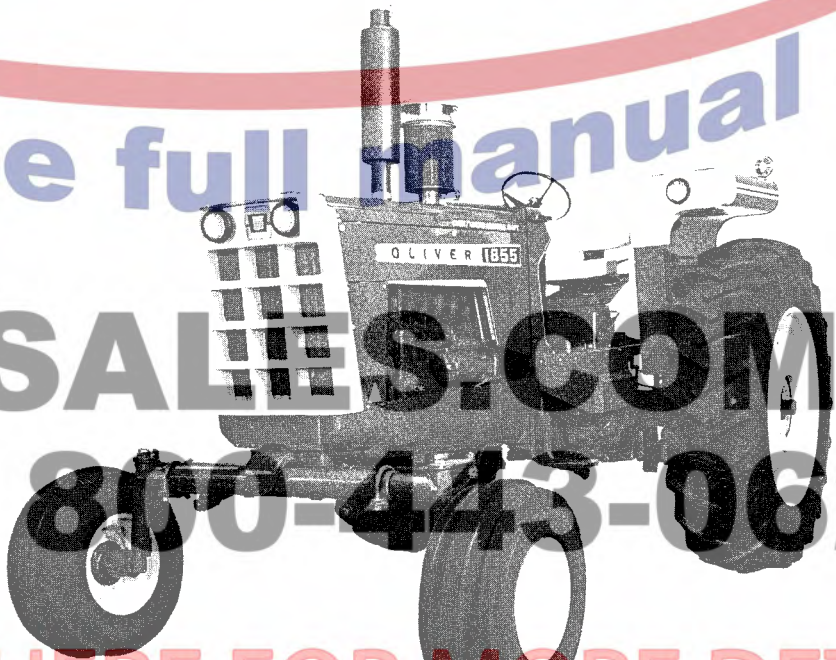
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INTRODUCTION

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 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.

TABLE OF CONTENTS

Specifications Section I

Safety Instructions Section II

Lubrication Section III

Operation Section IV

Adjustments Section V

Service & Troubleshooting Section VI

Optional Equipment Section VII

Index Section VIII

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SPECIFICATIONS

TIRE INFLATION AND LOAD RECOMMENDATIONS

FRONT TIRES

Tire Size	Ply	Load in Pounds @ Specified Tire Pressure							
6.50-16	6	1135 @ 32	1215 @ 36	1290 @ 40	1365 @ 44				
7.50-15	8	1560 @ 40	1650 @ 44	1735 @ 48	1820 @ 52				
7.50-16	6	1345 @ 28	1455 @ 32	1560 @ 36					
7.50-18	6	1465 @ 28	1585 @ 32	1700 @ 36					
8.25-20	10	2730 @ 60	2890 @ 65	3040 @ 70	3180 @ 75	3330 @ 80			
10.00-20	12	3600 @ 50	3820 @ 55	4020 @ 60	4220 @ 65	4410 @ 70	4580 @ 75		
10.00-24	8	3640 @ 35							
11.00L-15	8	2600 @ 40	2440 @ 36						
11.00-16	8	2720 @ 32	2915 @ 36						
11.00L-16	8	3100 @ 40	2915 @ 36						
12.00-24	12	5280 @ 45							
13.6/12-24	8	2960 @ 22	3110 @ 24	3260 @ 26	3400 @ 28				
14.9/13-24	6	2910 @ 16	3125 @ 18						
14.9/13-26	6	2790 @ 14	3010 @ 16	3230 @ 18					
16.9-24	8	3825 @ 18	4075 @ 20	4300 @ 22					
48x25.00-20	6	2500 @ 4	3100 @ 6	3700 @ 8	4100 @ 10	4400 @ 12	4700 @ 14	5100 @ 16	

REAR TIRES

Tire Size	Ply	Load in Pounds @ Specified Tire Pressure							
11.2/10-38	4	1820 @ 12	1990 @ 14	2155 @ 16					
15.5-38	6	3160 @ 14	3420 @ 16	3660 @ 18					
15.5-38	8	3900 @ 20	4120 @ 22	4330 @ 24					
16.9/14-24	6	3560 @ 16							
16.9-38	6	4410 @ 16							
18.00-26	10	8325 @ 20							
18.4/15-34	6	4940 @ 16							
18.4/15-34	8	5300 @ 18	5650 @ 20						
18.4-38	6	5230 @ 16							
18.4-38	8	5600 @ 18	5970 @ 20						
20.8-34	6	5550 @ 14	6430 @ 18	8325 @ 28					
20.8-38	10	7950 @ 22							
23.1/18-26	8	6600 @ 16							
23.1/18-30	8	7040 @ 16							
23.1-34	8	7460 @ 16							
24.5-32	10	8300 @ 16	8900 @ 18						
67x34.00-25	8	3000 @ 4	3900 @ 6	4600 @ 8	5400 @ 10	6300 @ 12	7300 @ 14	8250 @ 16	
66x43.00-25	6	3200 @ 4	4200 @ 6	4900 @ 8	5600 @ 10	6400 @ 12	7450 @ 14	8560 @ 16	

POWER TAKE-OFF

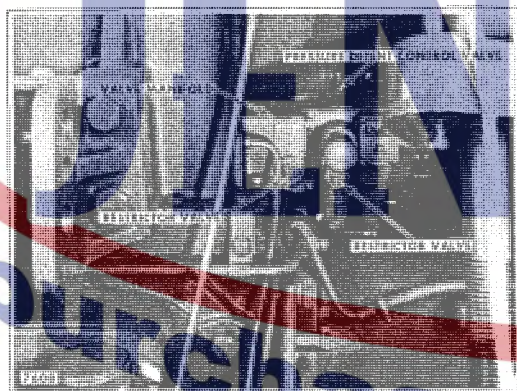
	540 rpm	1000 rpm	Engine Speed
Shaft Speed at Engine Speed of 2400 rpm	549 rpm	984 rpm	2400 rpm
Shaft Rotation	Clockwise	Clockwise	Counterclockwise
Shaft Size	1-3/8 in.	1-3/8 in.	1-3/8 in.
Length of Spline	3 in.	2-3/4 in.	2-3/4 in.
Number of Splines	6	21	21

OPERATION



Adjusting Cylinder Depth

To adjust cylinder depth, extend cylinder and loosen stop adjusting screw. Position stop as required and tighten screw.



EXTERNAL VALVE, RESTRICTOR VALVE ADJUSTMENT

A restrictor valve on rear of each pressure detent control valve controls fluid flow returning to unit from cylinder base end. Implement may bounce when lowered if fluid flow is not amply restricted. If bouncing is encountered, loosen lock nut and turn adjusting screw clockwise to increase restriction. REMOVE LOAD ON CYLINDERS BEFORE ADJUSTING. Turn adjusting screw counterclockwise to reduce restriction. Tighten lock nut when valve is adjusted.

EXTERNAL VALVE, MANIFOLD RESTRICTOR VALVE ADJUSTMENT

A restrictor valve on rear of external valve manifold controls fluid flow to external valves. To change remote cylinder speed, loosen lock nut and turn screw counterclockwise to increase speed or clockwise to decrease speed. Tighten lock nut when valve is adjusted. This adjustment will not decrease lowering speed when float type external valve is used.



DRAWBAR

Regular drawbar, used on tractors equipped with three-point hitch, has two vertical positions and three length positions. Wide swinging drawbar, used on tractors without three-point hitch, has two vertical and two length positions. Remove drawbar and turn over to change vertical hitch point. Attach drawbar to anchor through alternate hole at front of drawbar to alter length. See Power Take-Off discussion for drawbar position when using PTO. Allow drawbar to swing freely within horizontal limits of support or adjust drawbar to a horizontal position and lock in place by installing cap screws through support on both sides of drawbar.

ADJUSTMENTS

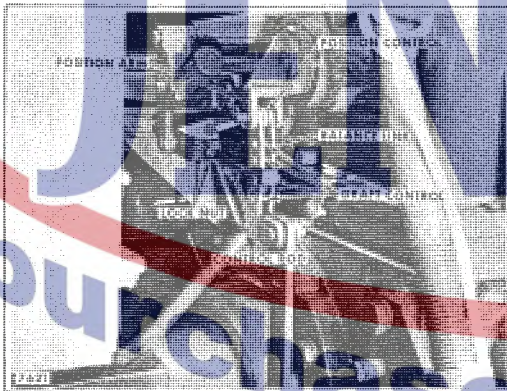


THREE-POINT HITCH

Control Linkage Adjustment

Three-point hitch control linkage will not normally require adjustment. If linkage is bent or damaged, check adjustment as follows: Lower hitch and remove any attached implement from three-point hitch. Operate engine at 1000 rpm and raise hitch. Raise lower links manually while checking free travel at end of lift arms. When properly adjusted, there should be 1/2 to 1 inch of free travel at this point. If adjustment is incorrect, lower hitch completely and shorten control rod to increase or lengthen to decrease free travel as required. Raise hitch hydraulically with engine operating at 1000 rpm and recheck adjustment.

NEVER OPERATE TRACTOR WITH LIFT ARMS REMOVED UNLESS PROVISIONS HAVE BEEN MADE TO LIMIT LATERAL MOVEMENT OF HYDRAULIC ROCKER SHAFT.



Position Control

To convert from draft to position control, move control rod to top hole in balance link attaching it directly to position arm.

Check control linkage as outlined in Three Point Hitch Control Linkage Adjustment.



WARNING! DO NOT ADJUST THREE-POINT HITCH WITHOUT HITCH DOWN AND ENGINE SHUT OFF.



6,000 LB. LIFT-HITCH

Draft Spring Preload Adjustment

Spring Preload is adjusted at factory and usually does not need adjustment. Consult dealer for Spring Preload Adjustment.

INDEX

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SECTION VIII

INDEX

A	
Adjustable Axle Adjustment	4-17
Air Cleaner	6-3, 6-4
Air Cleaner Restriction Indicator	6-3
Air Cleaner Restriction Indicator Light	4-3, 6-3
Air Precleaner Screener	6-5
Air Preheater Switch, Diesel	4-3
Ammeter	4-3
Attaching Implement, Three-Point Hitch	4-11, 4-12

B	
Backrest, Upper	7-3
Battery Service and Replacement	6-10, 6-11
Bleeding Brakes	6-12
Bleeding Diesel Fuel System	6-7
Brake Adjustment	5-4
Brake, Parking	4-5
Brake Pedals	4-5
Breaking in New Tractor	4-1
Bumper Screw Adjustment	5-3

C	
Cabs	
Accessories	7-3
Air Filter	6-5
As Optional Equipment	7-3
Controls	4-20
Coolant Valve	4-20
Windows	4-20
Capacities	1-8
Carburetor Adjustments	5-1, 5-2, 5-3
Chain Coupling Lubricant	3-7
Checking Tractor	4-1
Choke Control	4-3
Cigar Lighter	4-3
Clutch Adjustment, Engine	5-4
Clutch Pedal, Engine	4-5
Control Levers	
Governor	4-3
Hydra-Power or Over/Under Hydraulic-Shift	4-4
Power Take-Off	4-16
Remote Cylinder	4-13
Three-Point Hitch	4-10
Controls and Instruments	4-2, 4-3, 4-4, 4-5
Coolant Heater	7-1
Cooling System	6-13
Couplings, Hydraulic	4-13

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INDEX

D	
Dimensions, Tractor	1-7
Distributor	
Checking	6-11
Lubrication	3-8
Points	6-12
Draft Spring Preload Adjustment	5-6
Drawbar	
Adjustment	1-1, 4-14
Clevis	7-4
Lubrication	3-10
Dual Rear Wheels	4-16, 7-4

E	
Electrical Specifications	1-4
Engine	
Break-In Procedure	4-1
Lubrication	3-3
Oil Filter	3-3
Oil Specifications	1-3
Operation	4-9
Specifications	1-2
Starting Procedure	4-7, 4-8
Stopping	4-9
Troubleshooting	6-15, 6-16, 6-17, 6-18
Extra-High Clearance Dimensions	1-7
Extra-High Clearance Final Drive Lubrication	3-4

Four-Wheel Drive	
Axle Shaft Joint Housings	3-15
Front Axle Differential	3-13
Front Axle Load Capacities	1-1
Grease Fittings	
Drive Shaft	3-15
Pivot Pins and Thrust Plates	3-16
Steering Cylinder Anchors	3-16
Steering Trunnions	3-16
Transfer Drive Case Output Shaft	3-15
Planetary Drives	3-14
Shifter Rod	4-4
Tire Recommendation, 4WD	1-3
Transfer Drive Case	
Breather	3-13
Lubrication	3-12
Front Axle	
Adjustment, Adjustable Axle	4-17
Pivot Lubrication	3-11
Post Lubrication	3-10
Toe-In	5-5
Front Frame Weights	7-2
Front Wheel Bearings	
Adjustment	5-5
Lubrication	3-12
Front Wheel Tread Adjustment	4-17
Fuel	
Bleeding Diesel System	6-7
Filters	6-6, 6-7
Gauge	4-3
Strainer and Shutoff Valve	6-6
Storage	4-5
Stop Control, Diesel	4-3
Specifications	1-2
Tank, Filling	4-5
Tank, Wheel Guard	4-6, 6-6, 7-2
Fuses	6-12

F	
Fan Belt	5-7
Filling Fuel Tank	4-5
Filters	
Air, Cab	6-5
Air, Engine	6-3, 6-4
Fluid, Hydraulic	3-6
Fuel	6-6, 6-7
Oil, Engine	3-3
Oil, Hydra-Power Drive and Over/Under Hydraulic-Shift	3-7
Oil, Transmission and Final Drive	3-5

G	
Gauge	
Ammeter	4-3
Fuel	4-3
Oil Pressure	4-3
Water Temperature	4-3
Gear Shift Lever	4-4
Governor Adjustments	
Diesel	5-3, 5-4
Gasoline	5-2, 5-3
Governor Control Lever	4-3

INDEX

H

High No-Load Speed Adjustment	5-3, 5-4
High Speed Load Adjustment	5-2
Horsepower	1-2
Hydraulic	
Breather	3-6
Control Levers	4-10, 4-13
Couplings	4-13
Lubrication	3-5
Fluid Filter	3-6
Oil Cooling Pump Belt	5-7
Remote Cylinders	4-13, 4-14
Restrictor Valve Adjustments	4-10, 4-14
Specifications	1-3
Troubleshooting	6-18, 6-19

Hydra-Power Drive and Over/Under Hydraul-Shift	
Control Lever	4-4
Lubrication	3-6
Oil Filter	3-7

I

Idle Mixture Adjustment	5-1
Idle Speed Adjustment	5-2, 5-3
Ignition and Electrical Specifications	1-4
Ignition System, Gasoline	6-11, 6-12
Ignition Switch	4-3
Inflation and Load Recommendations, Tire	1-5
Instruments and Controls	4-2, 4-3, 4-4, 4-5
Introduction	I

L

Leveling Gear	3-9, 3-10
Lift Links	3-9, 3-10
Light, Air Cleaner Restriction Indicator	4-3
Light, Parking Brake Indicator	4-3
Light Switch	4-2
Lubricants	3-1
Lubrication Chart	3-2
Lubrication Periods	3-1
Lubrication Procedures	3-1

M

Metric Measure	1-1
----------------	-----

O

Oil Change Periods, Engine	3-3
Oil Cooling Pump Belt, Hydraulic	5-7
Oil Filters	
Engine	3-3
Hydraulic	3-6
Hydra-Power Drive and Over/Under Hydraul-Shift	3-7
Transmission and Final Drive	3-5
Oil Pressure Gauge	4-3
Oil Specifications, Engine	1-3

P

Parking Brake	4-5
Parking Brake Indicator Light	4-3
Pitman Shaft Bearings	3-11
Points, Distributor, Replacing	6-12
Power Take-Off	
Installation and Operation	4-15, 4-16
Lubrication	3-8
Specifications	1-5
Powerjuster Wheels	4-16
Precleaner Screener	6-5
Preheater Switch	4-3, 4-8
Preparation for Operation after Storage	6-14, 6-15
Preparation for Storage	6-14

R

Radiator Screen	6-13
Rear Wheel Tread Adjustment	4-16, 4-18, 4-19
Rear Wheels, Dual	4-16, 7-4
Remote Cylinders	
Adjusting Depth	4-14
Connecting Hoses	4-13
Control Valve Restrictor Valve	4-14
Cylinder Control Levers	4-13
Pressure Connect Couplings	4-13
Valve Manifold Restrictor Valve	4-14
Restrictor Valve Adjustment	
External Valve	4-14
Three-Point Hitch	4-10
Valve Manifold	4-14

Roll Bar	7-4
----------	-----

INDEX

S

Safety Instructions	2-1, 2-2, 2-3, 2-4
Seat Adjustment	4-7
Seat Belt	7-4
Serial Numbers	6-1, 6-2, 6-3
Service Record	IV
Single Acting Cylinders, Adjustments and Use	4-13
Spark Plugs	6-11
Specifications	
Drawbar	1-1
Electrical	1-4
Engine	1-2
Engine Oil	1-3
Extra-High Clearance Final Drive	1-7
Four-Wheel Drive Front Axle Load Capacities	1-1
Four-Wheel Drive Tire Recommendations	1-3
Fuel	1-2
Hydraulic System	1-3
Power Take-Off	1-5
Three-Point Hitch	1-4
Tire Inflation and Load Recommendations	1-5
Tractor Dimensions	1-7
Tractor Weights	1-6
Travel Speeds	1-6
Unit Capacities	1-8
Speedometer	4-3
Speedometer Lubrication	3-9
Speed-O-Tac	4-3
Spindle Carrier Lubrication	3-11
Starting Engine	4-7, 4-8
Stay Rod Lubrication	3-11
Steering Knuckle Lubrication	3-11
Steering Wheel Adjustment	4-5
Stopping Engine	4-9
Storage	
Fuel	4-5
Tractor	6-14

Three-Point Hitch (Continued)

Lower Link Adjustment	4-10, 4-11
Lubrication	3-9
Operation	4-10, 4-11, 4-12
Restrictor Valve Adjustment	4-10
Specifications	1-4
Upper Link Adjustment	4-12
Width Categories	4-11
Timing Ignition	5-1
Tire Inflation and Load Recommendations	1-4
Toe-In, Front Axle	5-5
Tractor Weight	1-6
Transmission and Final Drive Lubrication	3-4
Transmission and Final Drive Oil Filter	3-5
Travel Speeds	1-6
Troubleshooting	
Engine	6-15, 6-16, 6-17, 6-18
Hydraulic System	6-18, 6-19

U

Unit Capacities	1-8
Upper Backrest	7-3

V

Valve Clearances, Engine	1-2
--------------------------	-----

W

Warning Lamp	7-1
Water Temperature Gauge	4-3
Weight, Tractor	1-6
Weights	
Front Frame	7-2
Wheel	7-2
Wheel Bearings, Front	
Adjustment	5-5
Lubrication	3-12
Wheel Guard Fuel Tanks	4-6, 6-6, 7-2
Wheel Guard Fuel Tank Condensation Drain	6-6
Wheel Tread Adjustment	
Front	4-17
Rear	4-16, 4-18, 4-19
Wheel Weights	7-2
Wheels, Dual Rear	4-16, 7-4
Wiring Diagrams	6-8, 6-9

T

Tachourmeter	4-3
Tachourmeter Lubrication	3-8
Temperature Gauge, Water	4-3
Three-Point Hitch	
Attaching Implement	4-11, 4-12
Control Lever	4-10
Control Linkage Adjustment	5-6
Leveling Adjustment	4-12