

# 2155 AND 2355N TRACTORS (FROM SERIAL NO. 735 000L)



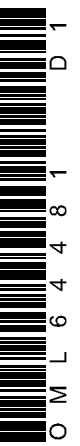
JOHN DEERE

## OPERATORS MANUAL 2155 AND 2355N TRACTORS (FROM SERIAL NO. 735 000L)

OML64481 D1 English

JOHN DEERE WERKE MANNHEIM  
OML64481 D1

LITHO IN THE U.S.A.  
ENGLISH



# Introduction

READ THIS MANUAL CAREFULLY to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage.

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction of forward travel.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Identification Numbers section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. If this manual is kept on the machine, also file the identification numbers in a secure place off the machine.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

THE TIRE MANUFACTURER'S warranty supplied with your machine may not apply outside the U.S.

*All information, illustrations, and specifications contained in this operator's manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.*

COPYRIGHT © 1991 DEERE & COMPANY  
European Office Mannheim  
All rights reserved  
A John Deere ILLUSTRATION™ Manual  
PREVIOUS EDITIONS  
COPYRIGHT © 1987, 1989, 1990

# Contents

<b>Identification Views</b> .....	<b>00-4</b>	<b>Operator's Station</b> .....	<b>30-</b>
		– Lighting system .....	30-1
		– Roll guard .....	30-2
		– Seats .....	30-4
<b>Safety</b> .....	<b>05-</b>	<b>Treads, Tires, Ballast</b> .....	<b>35-</b>
– General .....	05-1	Wheel treads .....	35-1
– Operation .....	05-5	– Adjusting front wheel tread .....	35-2
– Service .....	05-10	– Checking front wheel toe-in .....	35-2
		– Adjusting front wheel toe-in .....	35-3
		– Rear wheel tread adjustment .....	35-3
<b>Safety-Decals</b> .....	<b>06-</b>	Tires .....	35-6
– Safety-Decals .....	06-1	– Servicing tires .....	35-6
		– Tire pressures .....	35-6
<b>Controls and Instruments</b> .....	<b>10-</b>	Ballast .....	35-7
– Controls .....	10-1	– Measuring rear wheel slip .....	35-8
– Instrument cluster .....	10-2	– Installing rear wheel weights .....	35-8
– Instruments .....	10-3	– Filling tires with liquid ballast .....	35-9
		– Front weights .....	35-10
<b>Break-In Period</b> .....	<b>15-</b>	<b>Rockshaft, Three-Point Hitch</b> .....	<b>40-</b>
– After the first 4 and 8 hours .....	15-1	Rockshaft .....	40-1
– After the first 50 hours .....	15-2	– Control lever .....	40-1
– Within the first 100 hours .....	15-3	– Load selector lever .....	40-2
– After the first 100 hours .....	15-3	– Rate-of-implementation drop .....	40-3
		Three-point hitch .....	40-4
<b>Operating the Engine</b> .....	<b>20-</b>	– Draft links .....	40-4
– Prestarting check .....	20-1	– Center link .....	40-5
– Starting the engine .....	20-2	– Lift links .....	40-6
– Electric starting aid .....	20-3	– Attaching implements .....	40-7
– Starting with a booster battery .....	20-3	– Positioning sway blocks .....	40-8
– Towing the tractor to start .....	20-4	<b>Accessories</b> .....	<b>45-</b>
– Towing the tractor .....	20-5	Selective control valves .....	45-1
– Parking the tractor .....	20-5	– Poppet type valves .....	45-1
– Stopping the engine .....	20-6	– Spool type valves .....	45-3
		– Quick couplers .....	45-3
<b>Operating the Tractor</b> .....	<b>25-</b>	– Maximum permissible oil withdrawal .....	45-4
Reduce fuel consumption .....	25-1	Double acting remote hydraulic cylinder .....	45-5
Ground travel speeds .....	25-3	Swinging drawbar .....	45-6
– At desired engine speed .....	25-3	<b>Power Take-Off</b> .....	<b>50-</b>
– At rated engine speed .....	25-4	– PTO master shield .....	50-1
– Shifting transmission .....	25-6	– Operation of PTO .....	50-2
– Hi-Lo shift unit .....	25-7	– Attaching PTO driven equipment .....	50-4
– Creeper transmission .....	25-7		
– Reverser transmission .....	25-8		
– Differential lock .....	25-8		
– Foot brakes .....	25-8		

## Contents

<b>Front-Wheel Drive</b> .....	<b>55-</b>	<b>Service – Clutch</b> .....	<b>85-</b>
– Operation .....	55-1	– Adjusting clutch .....	85-1
– Front wheel steering angle .....	55-2	– Lubricating clutch throw-out bearing .....	85-2
– Adjusting front wheel tread .....	55-3		
– Adjusting front wheel toe-in .....	55-4	<b>Service – Engine</b> .....	<b>90-</b>
– Tires .....	55-5	– Engine oil .....	90-1
		– Engine filter .....	90-2
<b>Fuel, Lubricants, Coolant</b> .....	<b>60-</b>	– Alternator V-belt .....	90-2
Fuel .....	60-1	– Engine speeds .....	90-2
– Fuel specifications .....	60-1		
– Fuel storage .....	60-1	<b>Service – Cooling System</b> .....	<b>95-</b>
Lubricants .....	60-2	– Replacing coolant .....	95-1
– Engine oil .....	60-2		
– Transmission/hydraulic oil .....	60-3	<b>Service – Axles and Wheels</b> .....	<b>100-</b>
– MFWD gear lubricant .....	60-4	– Lubricating front axle .....	100-1
– Extreme pressure grease .....	60-4	– Lubricating drive housings and shafts .....	100-1
– Engine coolant .....	60-5	– Lubricating rear axles .....	100-2
		– Checking front axle oil level .....	100-2
<b>Removing Access Covers</b> .....	<b>65-</b>	– Changing front axle oil .....	100-3
– Grille screens .....	65-1		
– Hood .....	65-1	<b>Service – Fuel System</b> .....	<b>105-</b>
– Battery box covers .....	65-2	– Checking fuel filter .....	105-1
		– Replacing fuel filter .....	105-2
<b>Lubrication and Periodic Service</b> .....	<b>70-</b>	– Bleeding fuel system .....	105-3
– Service intervals .....	70-1		
– Timetable .....	70-2	<b>Service – Transmission/Hydraulics</b> .....	<b>110-</b>
		– Checking oil level .....	110-1
<b>Service – Air Intake System</b> .....	<b>75-</b>	– Replacing filter element .....	110-2
– Primary air filter .....	75-1	– Changing oil .....	110-3
– Secondary air filter .....	75-3		
– Dust unloading valve .....	75-4	<b>Service – Miscellaneous</b> .....	<b>115-</b>
– Air intake hoses .....	75-4	– Operator's seat .....	115-1
		– 3-Point hitch .....	115-1
<b>Service – Brakes</b> .....	<b>80-</b>		
– Bleeding brakes .....	80-1		
– Adjusting hand brake .....	80-1		

Contents

<b>Service – Electrical System</b> .....	<b>120-</b>	<b>Specifications</b> .....	<b>140-</b>
– Battery .....	120-1	– Engine .....	140-1
– Checking specific gravity .....	120-2	– Weights .....	140-3
– Level of electrolyte .....	120-3	– Electrical system .....	140-3
– Neutral start system .....	120-4	– Capacities .....	140-4
– Starting motor .....	120-4		
– Removing battery .....	120-5	<b>Identification Numbers</b> .....	<b>145-</b>
– Alternator .....	120-6	– Identification numbers .....	145-1
– Lamps .....	120-7		
– Fuses .....	120-8	<b>Lubrication and Maintenance Records</b> .....	<b>150-</b>
		– Lubrication and maintenance records .....	150-1
<b>Tractor Storage</b> .....	<b>125-</b>	<b>Attachments</b> .....	<b>155-</b>
– Storage .....	125-1	– Attachments .....	155-1
– Removing tractor from storage .....	125-2		
		<b>Index</b> .....	<b>160-</b>
<b>Crime Prevention Tips</b> .....	<b>130-</b>	– Index .....	160-1
– Crime prevention tips .....	130-1		
<b>Troubleshooting</b> .....	<b>135-</b>		
– Hydraulic system .....	135-1		
– Engine .....	135-2		
– Electrical system .....	135-3		

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)