### 540A, 640A and 740A Loaders (From Serial No. 012001)

John Deere Arc-lès-Gray OMCC42119 Issue B5

European Edition
Printed in Germany
ANGLAIS

### 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 and safety signs on your machine may also be available in other languages (see your John Deere dealer to order).

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 the direction the implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification or 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. File the identification numbers in a secure place off the machine.

BEFORE DELIVERING THIS MACHINE, your dealer performed a predelivery inspection. After operating for the first 100 hours, schedule an after-sale inspection with your dealer to ensure best performance.

THIS LOADER IS DESIGNED SOLELY for use in customary agricultural or similar operations ("INTENDED USE").

Use in any other way is considered as contrary to the intended use. The manufacturer accepts no liability for damage or injury resulting from this misuse, and these risks must be borne solely by the user. Compliance with and strict adherence to the conditions of operation, service and repair as specified by the manufacturer also constitute essential elements for the intended use.

THIS LOADER SHOULD BE OPERATED, serviced and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention). The accident prevention regulations, all other generally recognized regulations on safety and occupational medicine and the road traffic regulations must be observed at all times.

Any arbitrary modifications carried out on this loader will relieve the manufacturer of all liability for any resulting damage or injury.

CC,IFC,LOADER -19-02NOV93

# **Predelivery Inspection**

Dealer's name To	Town		Dealer's Account No.	J.D. Branch No.
Servicing Dealer, if not identical with above	e — Name, Address			
Customer (initials and surname) Street + No.				
Fown and Postcode		Vehicle Registration No.		
			Ů	
Delivery Day Month Year   Machine Name Date			A = Farmer B = Contractor C = Commercial D = Community E = Home Owner	
Product Identification No. (Serial No.)  Customer Group  A B C D E				
O THE DEALER				
HE FOLLOWING PREDELIVERY etailed information.	SERVICE MUST be	performed by you	. Refer to the Opera	ator's Manual for
1. Lubricate all grease fittings	2. Tighten all bolts a specified torque	and nuts to	☐ 3. Check and adjust tire pressures ☐ 4. Make a test run of the machine	
es No  1. Loader installed correctly?  2. Wheel treads correct?	Yes No	functioning correctly?  g bolts tightened to	Yes No	aulic system lines free
3. Operator's Manual given to	specifie	torque?	out?	lines correctly laid
customer? 4. Have all controls and safety rules etc. been explained to the customer?	☐ ☐ 7. Loader ☐ 8. Are pair and nea	t and decals smooth	☐ ☐ 11. Transmiss oil level c	sion/hydraulic system correct?
OMMENTS:				
elivery Report and Operator's Manual C ere handed over to the customer togeth				
		Dealer — Serv	vice Technician	Date
STRIBUTION: —white = JD Sales Branch, 2—green = Fa	actory, 3—yellow = JD De	aler, 4—blue = Servicir	ng Dealer, 5—pink = Cus	tomer
			(	CC,540FLCHECK -19-28FEE

### **Contents**

Page	Page
Identification Views	
	Attaching the Loader
<b>Safety</b>	Loader preparation
Safety Decals	Connecting individual couplers
Application Charts	Connecting hose clamp
Approved tractors for 540A/540A NSL	Commodating mode diamip
loader	Attaching/Detaching Attachments
Approved tractors for 640A loader 15-2	Attaching the attachment
Approved tractors for 740A loader 15-3	Detaching the attachment
Approved front tires (540A/540A NSL) 15-4	Storing hydraulic hoses
Approved front tires (640A)	Protecting wiring harness
Approved front tires (740A)	
	Operating the Loader
Preparing the Tractor	Setting the self-leveling linkage 40-1
Checking front tire pressure 20-1	Operating the selective control valves 40-3
Checking front wheel bolts 20-1	Operating the single-lever control 40-4
Removing front weights 20-1	Operating the 2-spool control valve 40-5
Adjusting front tread of tractor	Operating the diverter valve 40-6
(540A/540A NSL)	Operating the 3-spool control valve 40-7
Adjusting front tread of tractor (640A) 20-3	Locking / unlocking the single-lever
Adjusting front tread of tractor (740A) 20-4	control
Adjusting rear tire spacing 20-7	Swing-away single-lever control 40-9
Adding rear ballast (540A/540A NSL) 20-7	Raising and lowering the loader 40-10  Bucket level indicator
Adding rear ballast (640A) 20-8	Removing material from a pile
Adding rear ballast (740A) 20-9	Dumping the bucket
Rear ballast box	Digging
Tractor valve detent selector 20-10	Leveling and scraping forward 40-13
	Leveling in reverse 40-13
Detaching the Loader	Driving on public roads 40-14
Loader preparation	
Disconnect the hose clamp 25-2	Operating the Round Bale Fork
Lowering the parking stands 25-2	Avoiding injury or death
Removing the mounting pins 25-3	Picking up a round bale
Detaching the loader	Transporting a round bale 45-3
Relieving hydraulic pressure 25-6	Storing round bale fork
Disconnecting individual couplers 25-7	
Disconnecting the multi coupler 25-7	Continued on next page

All information, illustrations and specifications in this 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.

OMCC42119 B5-19-28FEB95

COPYRIGHT© 1995 DEERE & COMPANY European Office Mannheim All rights reserved A John Deere ILLUSTRUCTION™ Manual

#### Contents

	Page		Page
Operating the Round Bale Gripper Avoiding injury or death	50-1	Single-lever control	
tractors	50-3 50-4	Lubrication and Maintenance Service intervals	75-2 75-2 75-6
Operating the Round Bale Elevator Avoiding injury or death Operating on 30, 40, 50 and 55 series tractors		Troubleshooting Hydraulic troubleshooting	80-1
Operating on 3000, 6000 and 7000 series tractors	55-3 55-4	Service Torques for hardware	85-2
Operating the Square Bale Handler Avoiding injury or death		Hose connections (540A NSL)  Hose connections (540A)  Hose connections (640A-740A)  Replacing hydraulic components  Servicing the tractor  Sharpening silage cutter blades	85-4 85-5 85-6 85-7 85-8
tractors		Storage Preparing loader for storage	90-1
Operating on 30, 40, 50 and 55 series tractors	65-2	Specifications 540A loader capacity	95-1
Attachments Buckets		640A loader capacity	
Teeth for heavy-duty buckets	70-2 70-2 70-3 70-3	Serial Numbers Serial number plates	100-1
Square bale handler (640A-740A)	70-5 70-5 70-6	Index	
Manure / silage fork	70-7 70-7 70-8		
Quick dump valve (640A-740A)	70-8		

## **Identification Views**



540A NSL Loader\*



540A Loader

\* NSL Loader: Non Self-Leveling Loader

CC,540FLE002594-19-28FEB95

#### Identification Views



640A Loader



740A Loader

CC,540FLE002595-19-28FEB94

### **Safety**

#### RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



#### **UNDERSTAND SIGNAL WORDS**

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

### **A** DANGER

#### **▲ WARNING**

**ACAUTION** 

SIGNAL -19-03MAR93

DX,SIGNAL

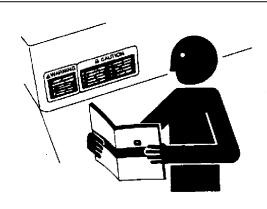
#### **FOLLOW SAFETY INSTRUCTIONS**

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



,

-UN-23AUG88

DX,READ

-19-03MAR93



Our support email: ebooklibonline@outlook.com