

30 and 40 Baler Ejector



TECHNICAL MANUAL 30 and 40 Baler Ejector

TM1311 (01JUN84) English

John Deere Ottumwa Works
TM1311 (01JUN84)

LITHO IN U.S.A.
ENGLISH



30 and 40 BALE EJECTORS

Technical Manual

TM-1311 (Aug-84)

CONTENTS

INTRODUCTION

SECTION 10—GENERAL

- Group 05—Specifications and Torque Values
- Group 10—Lubrication

SECTION 20—ELECTRICAL SYSTEM

- Group 05—Diagnosing Malfunctions
- Group 10—General Information and Wiring Diagrams
- Group 15—Console Control

SECTION 30—HYDRAULIC SYSTEM

- Group 05—General Information
- Group 10—Diagnosing Malfunctions
- Group 15—Hydraulic System Tests
- Group 20—Hydraulic Pump
 - (Parker-Hannifin, 30 only)
- Group 25—Hydraulic Pump
 - (Vickers, 40 only)
- Group 30—Hydraulic Pump
 - (Cessna-No.24507, 30 only)
- Group 35—Hydraulic Pump
 - (Cessna-No.25508, 30 and 40)
- Group 40—Control Valve
- Group 45—Throwing Cylinder
- Group 50—WYR-LOC Cylinder
- Group 55—Tilt Cylinder
 - (Tie Rod, 30 only)
- Group 60—Latch Cylinder
- Group 65—Hydraulic Filter (40 only)

All information, illustrations and specifications contained in this technical 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® 1984
DEERE & COMPANY
Moline, Illinois
All rights reserved
A JOHN DEERE ILLUSTRATION

0A9; E01;0000 A 221182

INTRODUCTION

This technical manual is part of a twin concept of service:

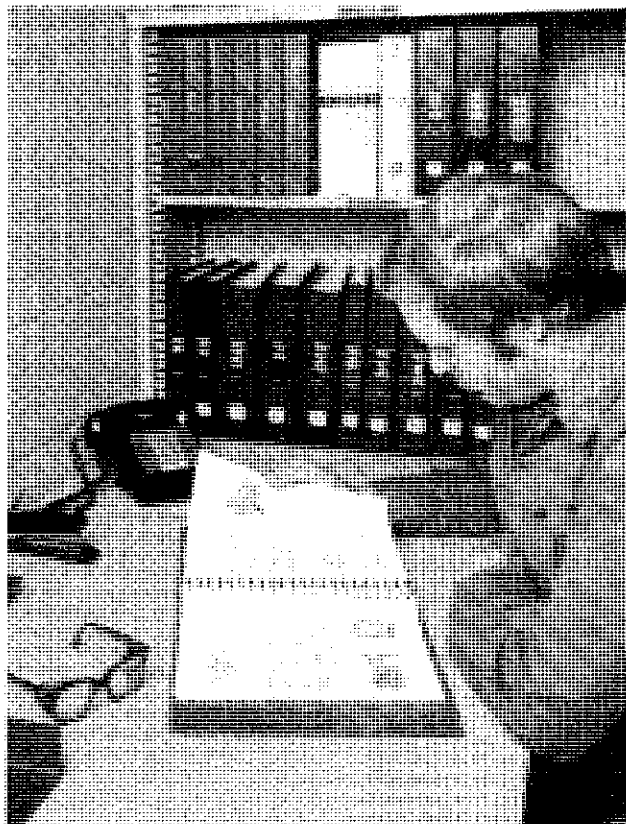
FOS Manuals—for reference

Technical Manuals—for actual service

The two kinds of manuals work as a team to give you both the general background and technical details of shop service.

Fundamentals of Service (FOS) Manuals cover basic theory of operation, *fundamentals* of trouble shooting, *general* maintenance, and *basic* types of failures and their causes. FOS Manuals are for training new people and for reference by experienced technicians.

Technical Manuals are *concise* service guides for a *specific* machine. Technical Manuals are on-the-job guides containing only the vital information needed by an experienced technician.



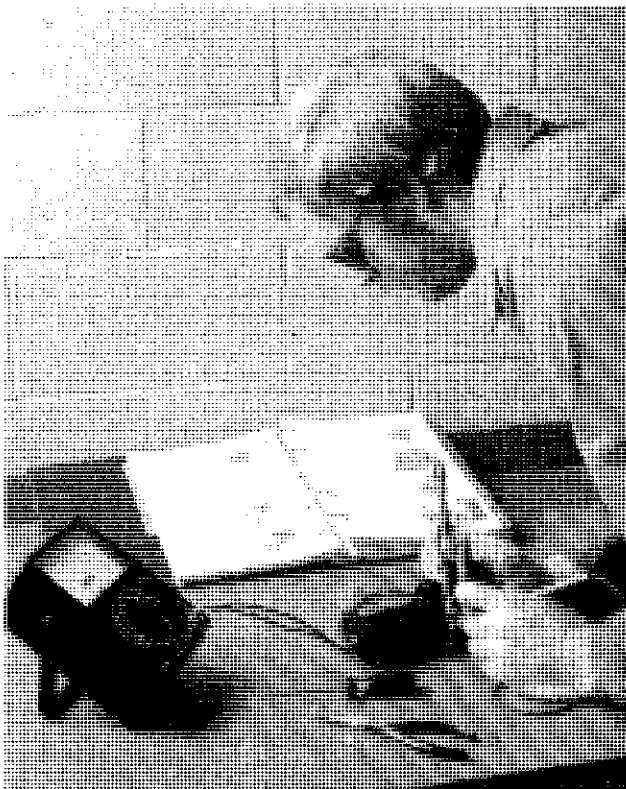
0A9;RW5559 E01;0000 G 112282

FEATURES OF THIS TECHNICAL MANUAL

- John Deere ILLUSTRATION format emphasizing more detailed pictures and fewer words.
- Instructions and illustrations grouped together in easy-to-use modules.
- Removal and installation groups preceding some repair groups. These groups show how to remove and install components from the machine rather than from major components. They also show how to acquire access to major components of a machine.
- Exploded views showing parts relationship.

This technical manual was planned and written for you—an experienced technician. Keep it in a permanent binder in the shop where it is handy. Refer to it whenever in doubt about correct service procedures or specifications.

Using the technical manual as a guide will reduce error and costly delay. It will also assure you the best in finished service work.



0A9;RW5560 E01;0000 H 190684

SAFETY MESSAGES



This safety alert symbol and the word **CAUTION** identify important safety messages in this manual and on the machine. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

0A9; E01;;0000 E 190684

NOTES

The word *NOTE* is followed by a statement that identifies a qualification or exception to a previous statement. A "NOTE" may also identify nice-to-know information pertinent to, but not directly related to the previous statement.

0A9; E01;;0000 I 190684

OBSERVE "IMPORTANT" MESSAGES

Messages labeled "Important" will appear in this manual and/or on the machine to provide specific instructions for performing adjustments, services, etc. If these instructions are not followed, it could result in damage to the machine.

0A9; E01;;0000 J 190684

USE A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar while transporting. Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning. See your John Deere dealer for a chain with a strength rating greater than the gross weight of the towed machine.

0A9; E01;;0000 B 200684

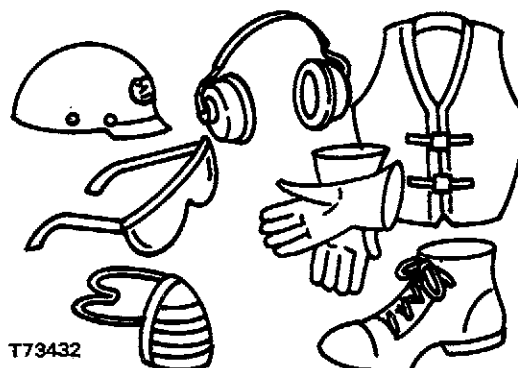
FOLLOW SAFE PRACTICES

Do not attempt to pull bales from ejector while baler is operating.

Never attempt to unplug ejector unless lockout is engaged.

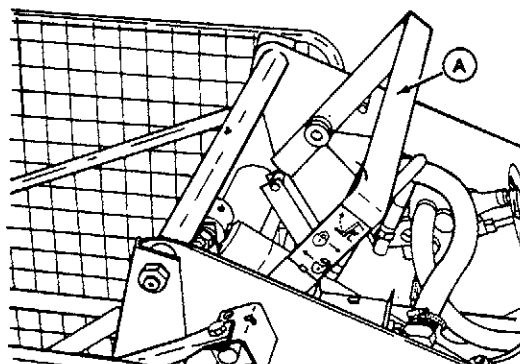
Always have side safety screens in place while operating.

Wear relatively tight and belted clothing to prevent being caught on some part of the machine.



0A9;T73432 E01;;0000 C 200684

Always shut off tractor engine, disengage PTO and move lock-out lever (A) to lock position before attaching or detaching wagon.



0A9;E24204 E01;;0000 D 200684

AVOID HIGH PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Keep hands and body away from pinholes and nozzles which eject fluids under high pressure. Use a piece of cardboard or paper to search for leaks.

If ANY fluid is injected into the skin, it must be surgically removed within a few hours by a doctor familiar with this type injury or gangrene may result.



0A9;X9811 E01;;0000 K 200684

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