



# 24 SERIES BALERS



JOHN DEERE

## OPERATORS MANUAL 24 SERIES BALERS

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## INTRODUCTION

Your new John Deere Baler is a dependable machine. With proper care and operation, you can expect to receive the service and long life designed and built into it. Like any precision machine your baler will require some attention at regular intervals. When any questions arise regarding lubrication and adjustments, etc., use your manual as a guide to service your machine the RIGHT WAY.

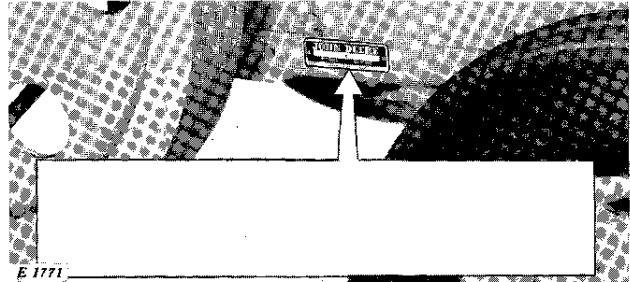
If you need additional information or special service not covered in this manual, see your John Deere dealer.

The warranty on this baler appears on your copy of the purchase order which you should have received from your dealer when you purchased the baler.

When in need of parts either to replace worn parts or to make emergency repairs, see your local John Deere dealer.

When ordering parts, give your dealer the model and serial number of your baler. This information will help him give you prompt and efficient service.

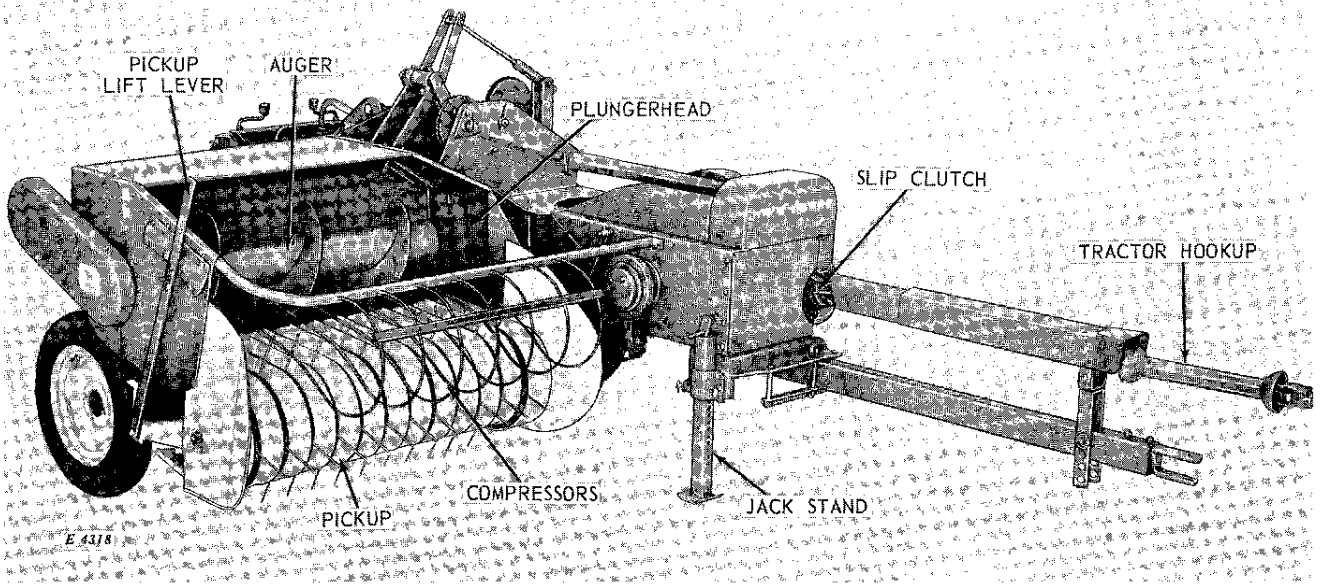
The serial number of your baler is located on the lower left-hand side of the bale case in front of the wheel. (Record it in the space below.)



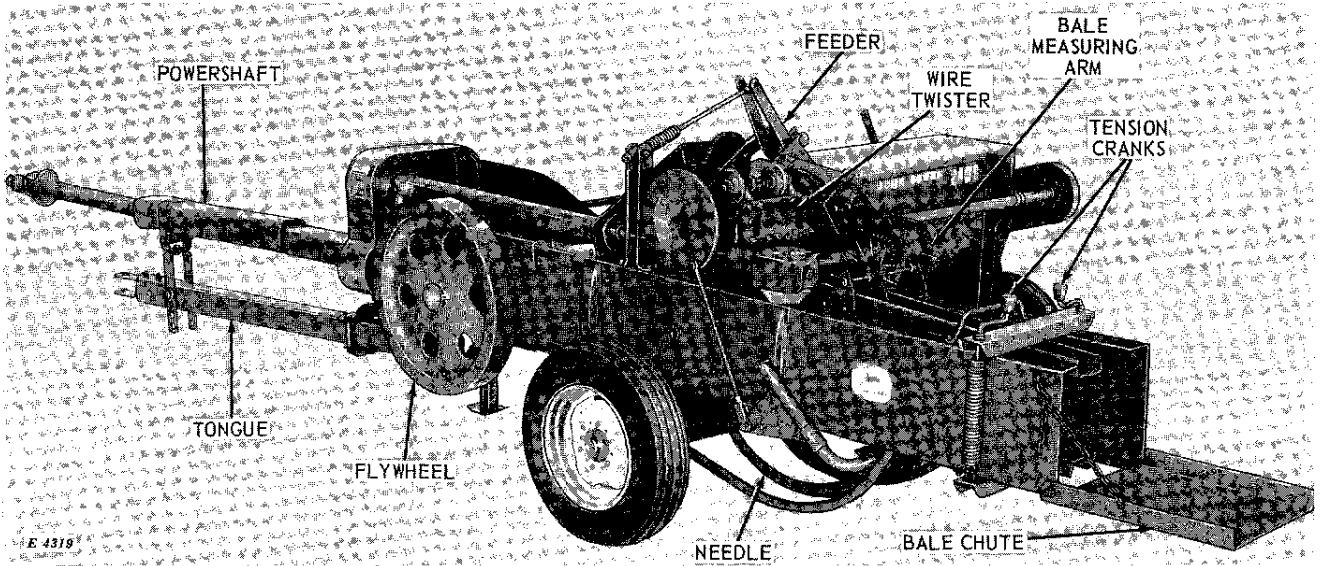
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**NOTE:** Right and left-hand sides referred to in this manual are determined from a position at the rear of the machine facing in the direction of travel.



Right Front View—John Deere 24T Power Take-Off Baler



Left Rear View—John Deere 24WS Power Take-Off Baler

## SPECIFICATIONS

Auger: Diameter . . . . .	16 in.
Length . . . . .	4 ft. 1 in.
Bale: Cross-section . . . . .	14 in. x 18 in.
Length . . . . .	Adjustable 12 in. to 50 in.
Compression chamber length . . . . .	3 ft. 8 in.
Engine, Wisconsin Model THD . . . . .	17 Horsepower
Feeder opening dimensions . . . . .	13 in. x 21 in.
Flywheel diameter . . . . .	27 in.
Height (Maximum) . . . . .	5 ft. 4 in.
Length: With engine tongue and bale chute . . . . .	17 ft. 10-1/2 in.
With PTO tongue and bale chute . . . . .	17 ft. 1/2 in.
Less tongue and bale chute . . . . .	10 ft. 6 in.
Pickup cylinder diameter . . . . .	12 in.
Pickup width: Inside . . . . .	4 ft. 5 in.
On flare . . . . .	4 ft. 11 in.
Plungerhead: Stroke . . . . .	28 in.
Speed . . . . .	Normal (under load) 65 strokes per minute Maximum (no load) 72 strokes per minute
Size of tractor recommended . . . . .	2-Plow tractor or larger
Power take-off shaft speed . . . . .	ASAE-SAE standard—540 or 1000 rpm
Tires: R.H., (Regular 24T) (Inflation pressure, 30 psi) . . . . .	15 x 4.00-4-ply
R.H., (Regular 24WS—Oversize 24T) (Inflation pressure, 27 psi) . . . . .	15 x 5.00-4-ply
L.H., (Regular 24T) (Inflation pressure, 40 psi) . . . . .	15 x 6.40-6-ply
L.H., (Regular 24WS—Oversize 24T) (Inflation pressure, 35 psi) . . . . .	15 x 6.70-6-ply
Transmission: Gears . . . . .	Steel cut, enclosed
Capacity . . . . .	2-3/4 Qts. SAE 140
Weight (Approximate): With PTO (24T) . . . . .	2406 lbs.
(24WS) . . . . .	2436 lbs.
With engine (24T) . . . . .	2680 lbs.
(24WS) . . . . .	2702 lbs.
Width . . . . .	8 ft.
Wire (24WS) . . . . .	14-1/2 gauge. Annealed oiled
Wire coil (24WS) . . . . .	ASAE standard, 6500 ft. of wire
Wire carton size . . . . .	13-1/2 in. sq., 6-1/2 in. wide

*(Specifications and design are subject to change without notice.)*

## OPERATION

### PREPARING BALER

#### THE OPERATOR

The degree of satisfaction given by your baler is directly dependent upon the care given by the operator. Once the baler has been adjusted to meet the crop condition, the rest is up to the operator.

#### UNDERSTAND THE FUNCTION OF ALL WORKING UNITS

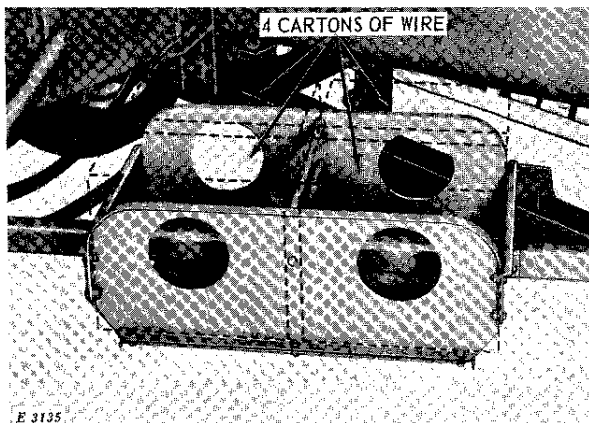
This baler is built to handle a wide range of conditions. Field conditions vary from year to year, from day to day, and even from hour to hour. Different varieties of crops present widely different baling problems. A careful study of the adjustments on your baler, and what they accomplish under different conditions, will allow you to reap the many benefits and economies that a baler can provide.

Before starting your baler in the field, be sure you are thoroughly familiar with the function of each working unit. Study the illustrations carefully and become familiar with the adjustments necessary to obtain best results.

#### LUBRICATION

Check to see that your baler has been lubricated according to lubricating instructions, pages 16 to 18.

#### LOADING THE WIRE BOX—WIRE BALER



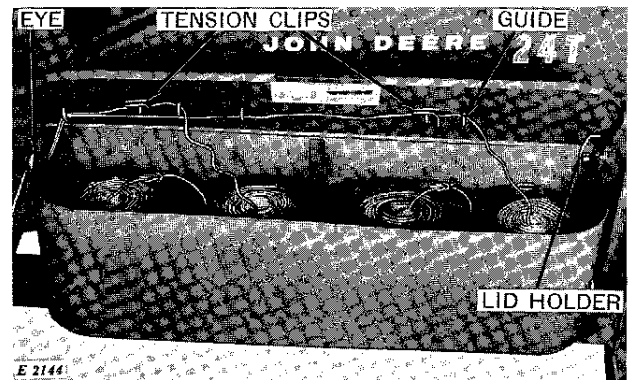
Place four cartons of wire in the wire box.

*NOTE: Splice the center wire of each rear coil to the outside wire of its respective front coil of wire. Make a small tight splice so the wire will pull through the wire guides and needles without snagging.*

When the front coils of wire have run out, place the rear coils forward and locate two new cartons of wire in the wire box and splice wires.

Thread the baler with the center wire from each front coil of wire as shown on page 4.

#### LOADING TWINE BOX—TWINE BALER



When loading or unloading the twine box, use the holder (located inside the twine box) to hold the lid out of the way.

Two balls of good quality twine should be placed in each compartment of the twine box.

*NOTE: Be sure twine is pulled from the end of the ball marked top. The two balls in each section should be joined by tying the inside end of one ball to the outside end of the other ball. In joining the twine, use a square knot. The loose ends of the twine should be trimmed as close to the knot as possible. Thread the twine from the center of each ball through its respective guide in the box lid; then thread both ends of twine through the eye on the side of the twine box.*

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