

RG4, RG430, and RG630 Row-Crop Cultivators



JOHN DEERE

OPERATORS MANUAL

RG4, RG430, and RG630 Row-Crop
Cultivators

OMN159094 H6 English

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ENGLISH



To the purchaser



This manual contains valuable information about your new John Deere Row-Crop Cultivator. It has been carefully prepared and illustrated. In it, you will find instructions and helpful suggestions for operating, adjusting, attaching, transporting, lubricating and servicing your cultivator. You will also find instructions for adapting your cultivator to work properly in all types of field cultivation.

Your new cultivator was built to rigid manufacturing standards. Material and workmanship are the best. Precision production methods and accurately controlled heat-treating assure maximum strength and long life for every part.

Keep this manual in a convenient place for quick and easy reference. Study it carefully. You have purchased a dependable and sturdy implement, but only by proper care and operation can you expect to receive the service and long life designed and built into it.

Give your cultivator proper attention during slack periods. By doing this, it will always be ready, without delay, when you need it.

Sometime in the future, your cultivator may need new parts to replace those that are worn or broken. If so, go to your John Deere dealer. Provide him with the model number of your cultivator and the date purchased. Record this information in the space provided below, so it will be readily accessible when it is needed.

Location references

Right-hand and left-hand references are determined by standing at the rear of the cultivator and facing in the direction of travel.

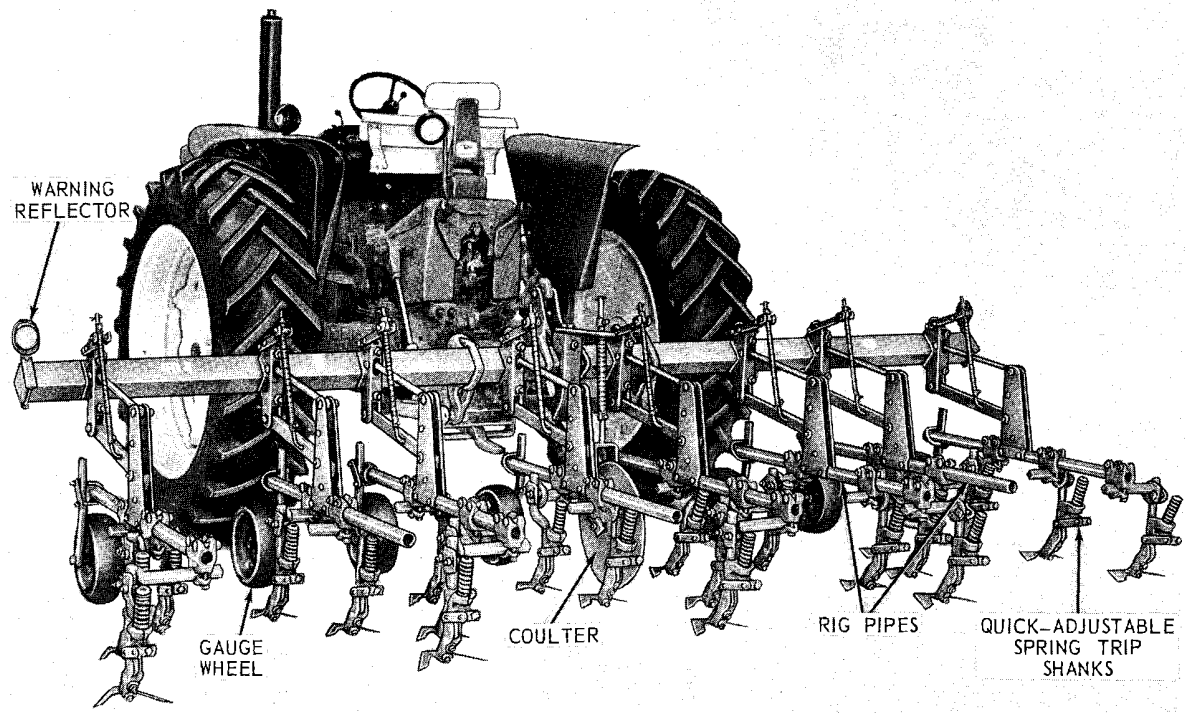
JOHN DEERE RG SERIES REAR-MOUNTED CULTIVATORS

Model

Date Purchased19.....

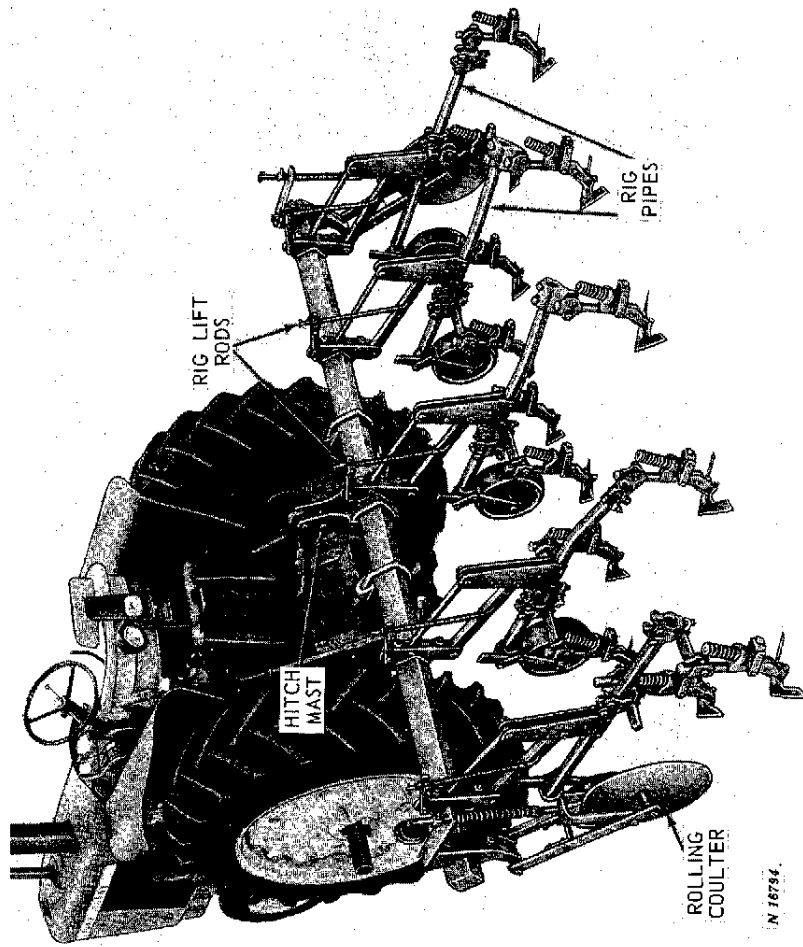
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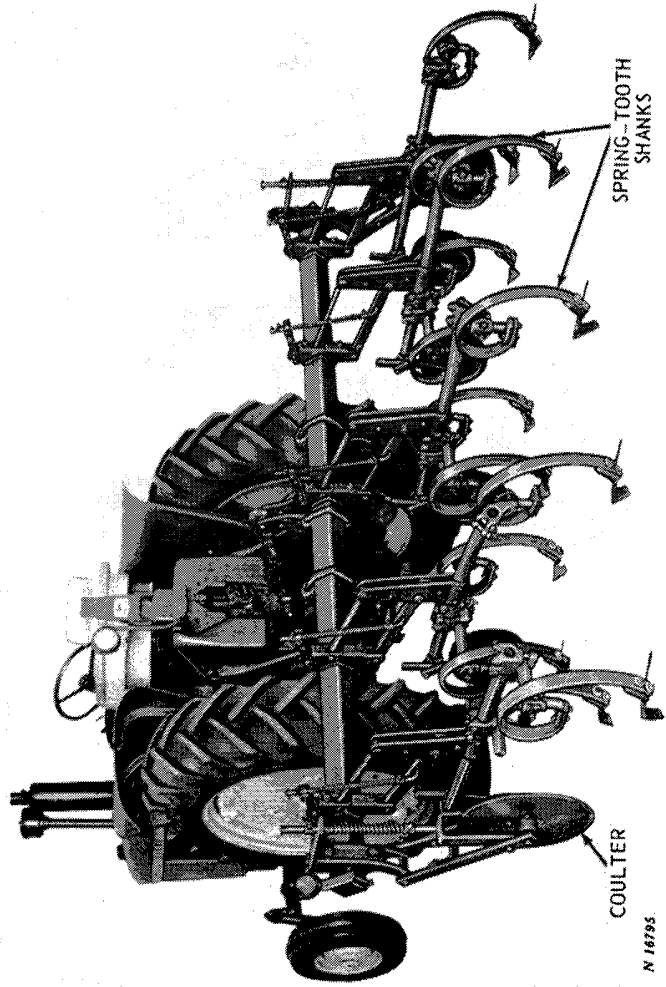


N 16793

John Deere RG4 Cultivator with Quick-Adjustable Spring-Trip Shanks



John Deere RG430 Cultivator with Quick-Adjustable Spring-Trip Shanks

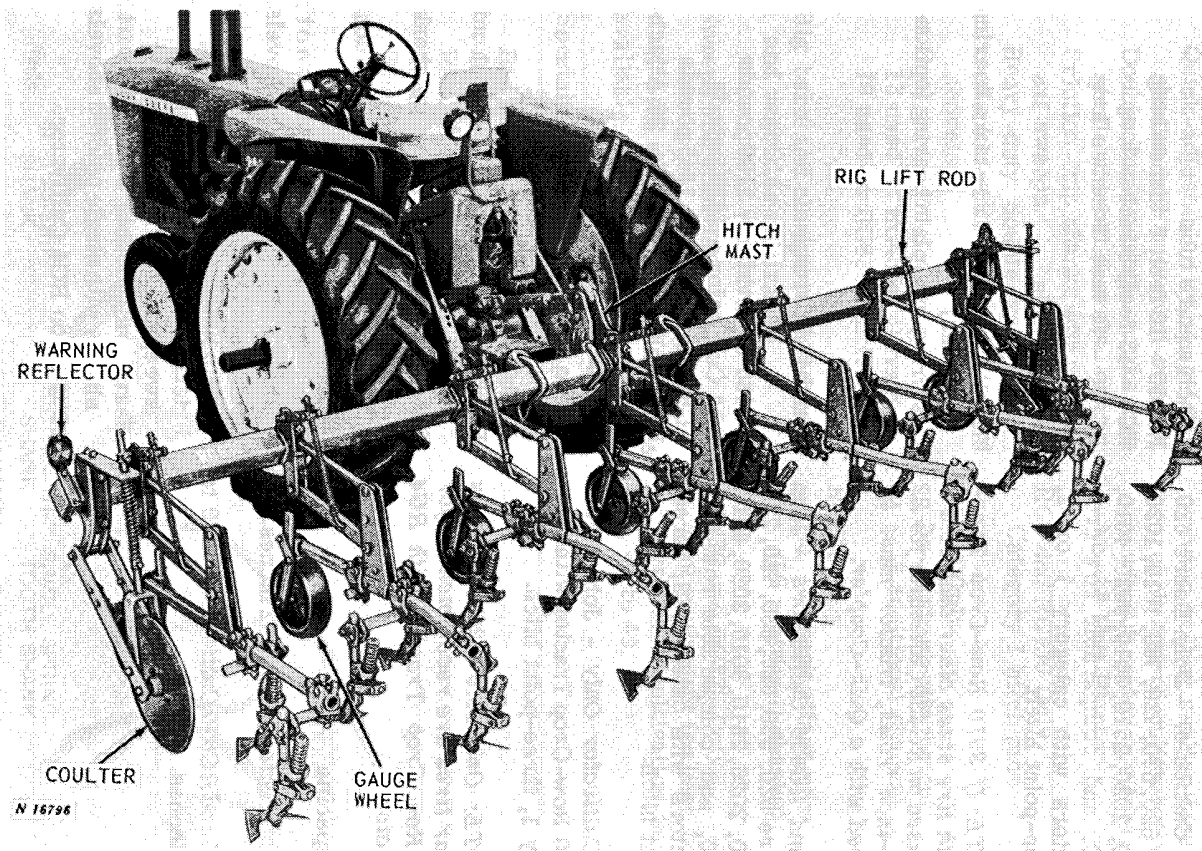


John Deere RG430 Cultivator with Double Spring-Tooth Shanks and Sweeps

SPRING-TOOTH SHANKS

COULTER

N 16795



John Deere RG630 Cultivator with Quick-Adjustable Spring-Trip Shanks

Specifications

Tractor required

RG430 Cultivator - John Deere 520, 530, 620, 630, 720, 730, 1010, 1020, 2010, 2020, 2510, 3010, 3020, 4010, 4020, and comparable row-crop tractors with category 1 or 2, three-point hitch.

NOTE: If 3010 Row-Crop Tractor with tire sizes other than 13.9 x 36 is used on RG430 Cultivator for 22 or 24-inch rows, tractor must be equipped with a Quik-Coupler.

RG4 and RG630 Cultivators - John Deere 520, 530, 620, 630, 720, 730, 2010, 2020, 2510, 3010, 3020, 4010, 4020, and comparable row-crop tractors with category 2, three-point hitch.

RG4 Cultivator Only - John Deere 1010 Row-Crop Tractor with category 1, three-point hitch.

NOTE: Only 13.6 x 28 and 13.9 x 36 rear tires are recommended for 1010 Row-Crop Tractor with RG4 Cultivator.

Row spacing

RG4 Cultivator - 28 to 42 inches.

RG430 and RG630 Cultivators - 20 to 30 inches.

Bar size

4-inch square tube
RG430 - 10 feet, 6 inches long
RG4 - 13 feet, 8 inches long
RG630 - 16 feet, 2 inches long

Gauge wheels

Rigid with anti-friction bearing (regular)
 Castering with plain bearing (optional)

Weight (Approx.)

RG430 Cultivator - 1100 pounds
RG4 Cultivator - 1420 pounds
RG630 Cultivator - 1445 pounds
RG4 Cultivator with No. 28 Attachment - 1645 pounds

Rig equipment

RG4 Cultivator

Regular spring-trip shanks with universal sweeps.
 Quick-adjustable spring-trip shanks with universal sweeps.
 Single spring-tooth shanks with double pointed shovels.
 Heavy-duty single spring-tooth shanks with single pointed shovels.
 Double spring-tooth shanks with single pointed shovels.
 Friction-trip shanks with universal sweeps.
 Heavy-duty double spring-tooth shanks with single pointed shovels.
 21 used on *RG4 Cultivator*.

RG430 and RG630 Cultivator

- Regular spring-trip shanks with universal sweeps.
- Quick-adjustable spring-trip shanks with universal sweeps.
- Double spring-tooth shanks with single pointed shovels.
- Friction-trip shanks with universal sweeps.
- Heavy-duty double spring-tooth shanks with single pointed shovels.

13 used on RG430 Cultivator
19 used on RG630 Cultivator

Rig bars and clamps for beet, bean and vegetable cultivation.

Sweeps and shovels

A wide variety of types and sizes available. See pages 50 and 51.

Special equipment

- Rig Mounted Shields
- Disk Hillers
- Rotary Hoe
- Hooded Shields
- Weeding Knife Shanks

RG4 Only

- Spread arch
- No. 28 six-row attachment
- Outer rolling coulter (use one at each end of cultivator with or without center coulter)
- No. 18 Unit Planter

RG4 and RG430 Only

Category 1 hitch pins

RG430 Only

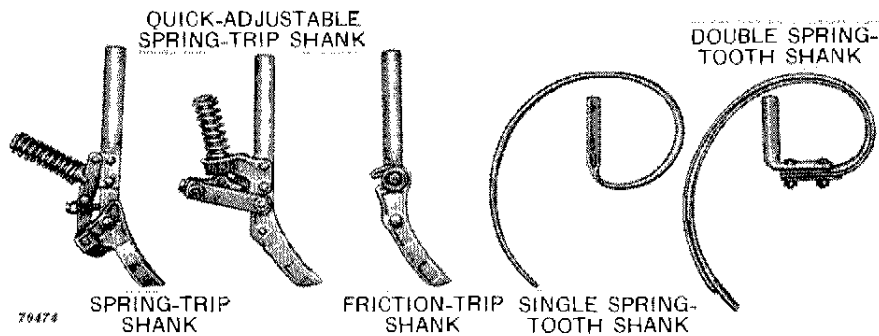
No. 8 shank attachment
(8 additional shanks)

RG630 Only

No. 12 shank attachment
(12 additional shanks)

RG430 and RG630 Only

Tool equipment for beet, bean and vegetable cultivation. See pages 47 to 49.



(Specifications and design subject to change without notice.)

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