NO. 114-A ROUGHAGE MILL AND FEED GRINDER

JOHN DEERE

OPERATORS MANUAL

NO. 114-A ROUGHAGE MILL
AND FEED GRINDER

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ENGLISH

TO THE PURCHASER

The successful operation of your mill, which is designed to give you many years of satisfactory service, depends upon the care given it and how it is operated.

Dull knives and hammers will not do good work but cause unsatisfactory service and expense. KEEP KNIVES SHARP.

The object of this Manual is to assist in setting up this mill correctly and to aid the user in operating it to the best advantage. See that the operator follows these instructions.

A mill incorrectly assembled or improperly operated cannot produce the best results.

Greasing is important. Use the type of grease recommended.

LOCATION REFERENCES

"Right" refers to the pulley side of mill and "Left" to the fan side.

SERIAL NUMBER

Always give the SERIAL number of your mill when ordering PARTS. This number is located on the body under the small feed table.

The Serial Number of your Mill is.....
Date Purchased.....19.....

KEEP THIS MANUAL FOR FUTURE USE.

(Detail design subject to change without notice.)

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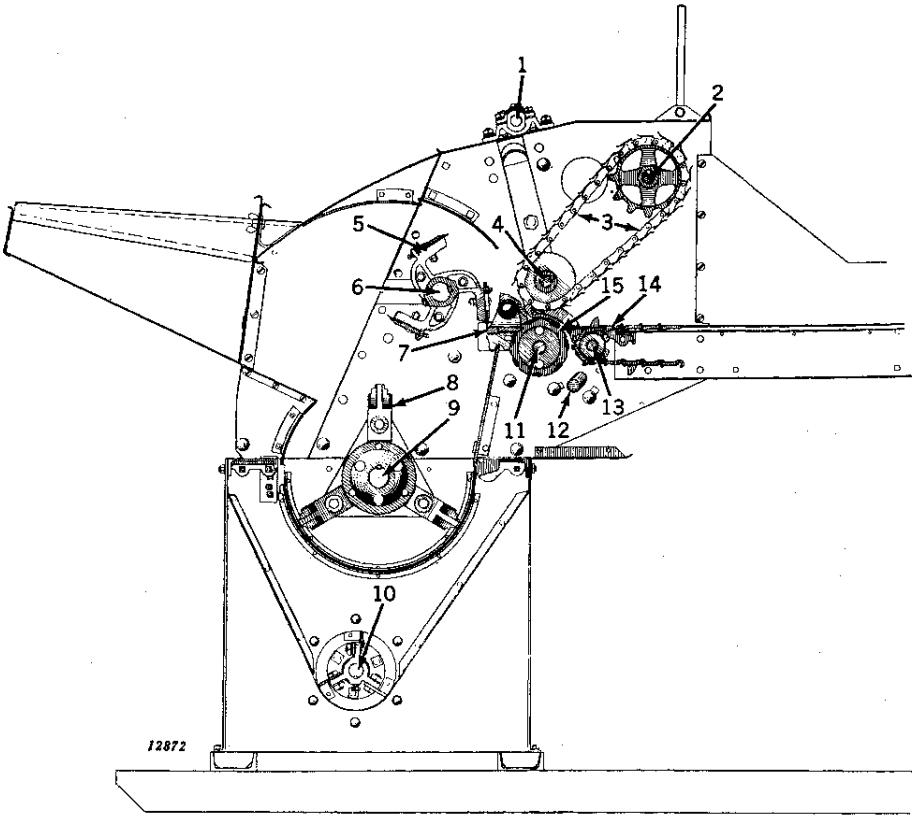

1. Governor Shaft.
2. Compressor Web Shaft.
3. Compressor Web.
4. Idler Roll Shaft.
5. Cutterhead.
6. Cutterhead Shaft.
7. Shear Bar.
8. Hammers on Rotor.
9. Rotor Shaft.
10. Blower Fan Shaft.
11. Feed Roll Shaft.
12. Jack Shaft.
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14. Feed Table Conveyor Chains.
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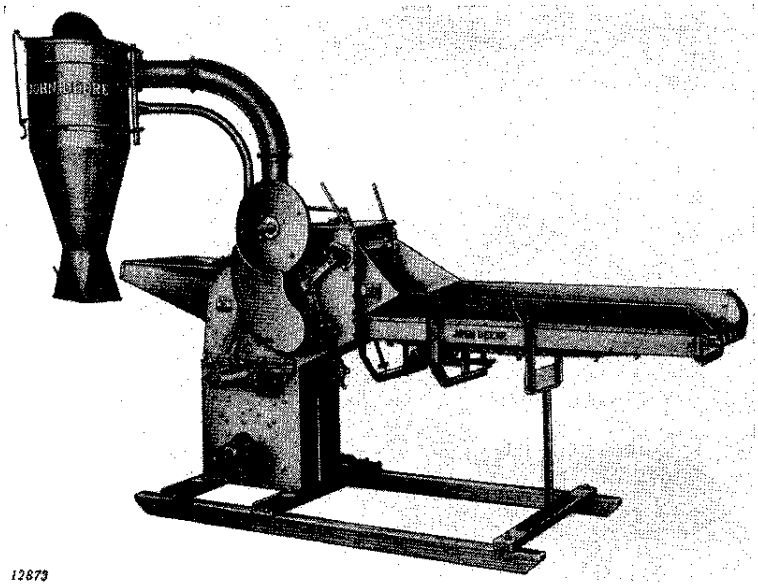

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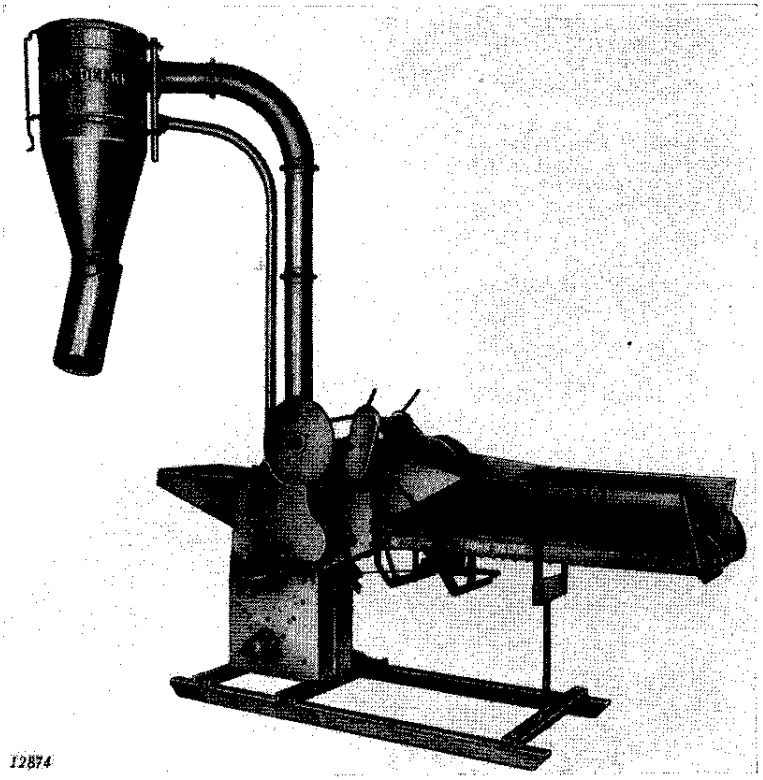
John Deere No. 114-A Roughage Mill with Sacking Equipment



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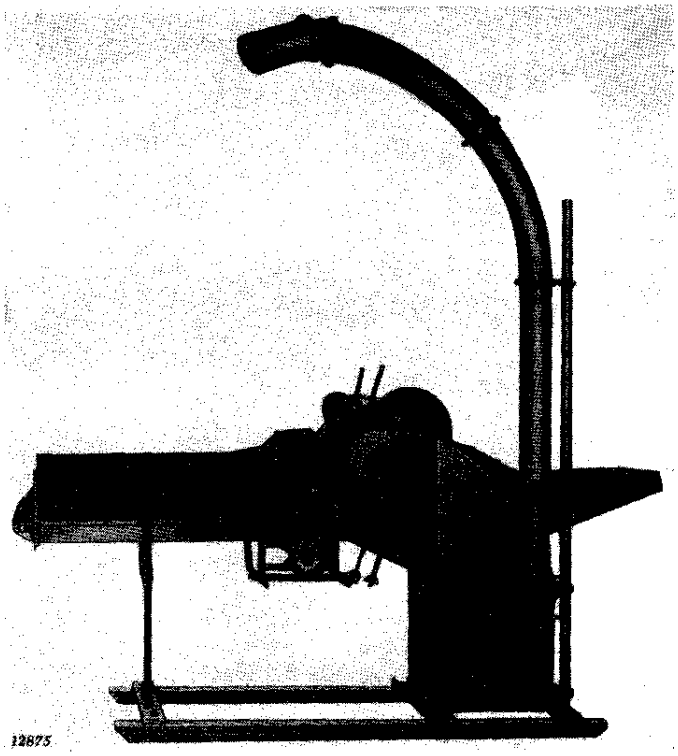
John Deere No. 114-A Roughage Mill with Wagon Box Equipment, Hay Roll, and Sideboards



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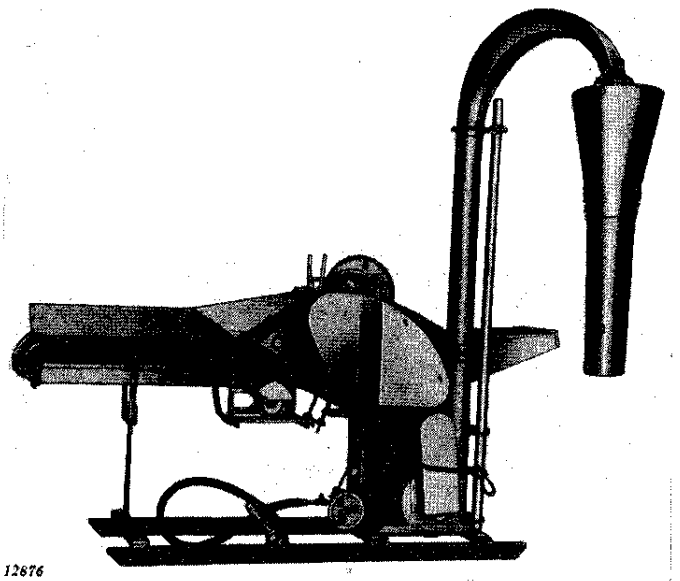
John Deere No. 114-A Roughage Mill with 45° Elbows, Adjustable Distributing Elbow and Sideboards, for Blowing Feed into Mows or Self-Feeders



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John Deere No. 114-A Roughage Mill Equipped with Deflector, Flexible Spouting, Molasses Pump, and One Sideboard

LUBRICATION

GENERAL

The economical and efficient operation of any machine is dependent upon regular and proper lubrication of all moving parts.

The bearings on this mill are a close fit to give longer life. Best results can be obtained by using a high grade of gun grease of the type listed below, which is suitable for all bearings on the mill. Too much gun pressure on the ball bearings will cause them to heat.

Wipe dirt from fittings before greasing.

Lubricate all parts thoroughly but avoid excessive lubrication. Excessive lubrication will allow the excess lubricant to collect dirt.

If a grease fitting becomes lost, replace it immediately.

Keep governor parts well oiled.

USE BEST GREASE

THESE HIGH-GRADE BEARINGS REQUIRE IT FOR SATISFACTORY SERVICE

Have your oil dealer get from his Manufacturer the recommended Grade of his grease that conforms to the following specifications:

Character of Grease	Lime Soap Base	Soda Soap Base
Soap Content	9 to 12%	15 to 20%
Dropping Point (A.S.T.M.)	175° Fahrenheit Minimum	300° Fahrenheit Minimum
Excess Acid or Alkali	Substantially Neutral	Substantially Neutral
Viscosity of Oil, Saybolt Universal, at 100° Fahrenheit	200 Seconds Minimum	300 Seconds Minimum

The grease shall be a well-manufactured product composed of suitable soap and refined mineral oil.

The grease shall contain no fillers, abrasives or harmful perfumes and shall be free from corrosive matter.

It is important that the grease must not decompose or become fluid at the operating temperature of the bearing.

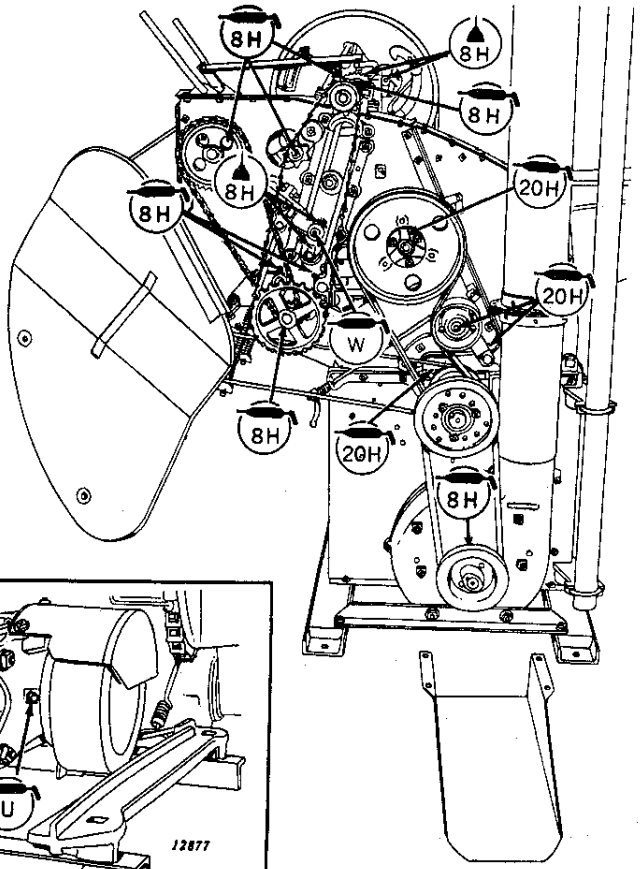
CHAINS

When roller drive chains become dirty, they should be washed with kerosene or gasoline, then apply a very light high-grade oil.

Always wipe off excess oil to prevent dirt accumulating on chains.

LUBRICATION CHARTS

See the following charts for location of grease fittings and oil holes:



SYMBOLS	
8H	Grease every 8 hours of operation.
20H	Grease every 20 hours of operation.
W	Grease weekly.
U	Grease each time used.
8H	Oil every 8 hours of operation.

Our support email:

ebooklibonline@outlook.com