

35 SERIES 1 FARM LOADER



JOHN DEERE

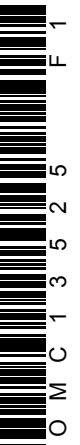
OPERATORS MANUAL

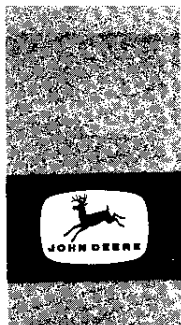
35 SERIES 1
FARM LOADER

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to the purchaser

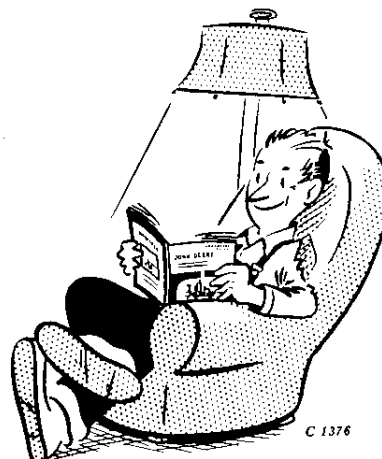
This manual covers the operation, service, and lubrication instructions for the John Deere 35 Farm Loader on John Deere 2010 Row-Crop and 2010 Row-Crop Utility Tractors.

Instructions for using the 35 Loader on other John Deere tractors are furnished in separate operator's manuals.

This loader has been designed to give many years of satisfactory service. The successful operation and long life of the loader depends, of course, on proper operation and the care given it. The first recommendation is that you read this manual carefully and follow the instructions. By doing so you may save much time and expense in the field. If additional information is needed, see your John Deere dealer.

Lubrication is very important. Refer to the Lubrication Chart.

When in need of parts see your John Deere dealer. He is equipped to provide genuine John Deere parts and service.



Right-hand and left-hand reference is determined by standing at the rear of the tractor loader combination and facing the forward direction of travel.

Before you forget, fill in the information below.

JOHN DEERE 35 FARM LOADER

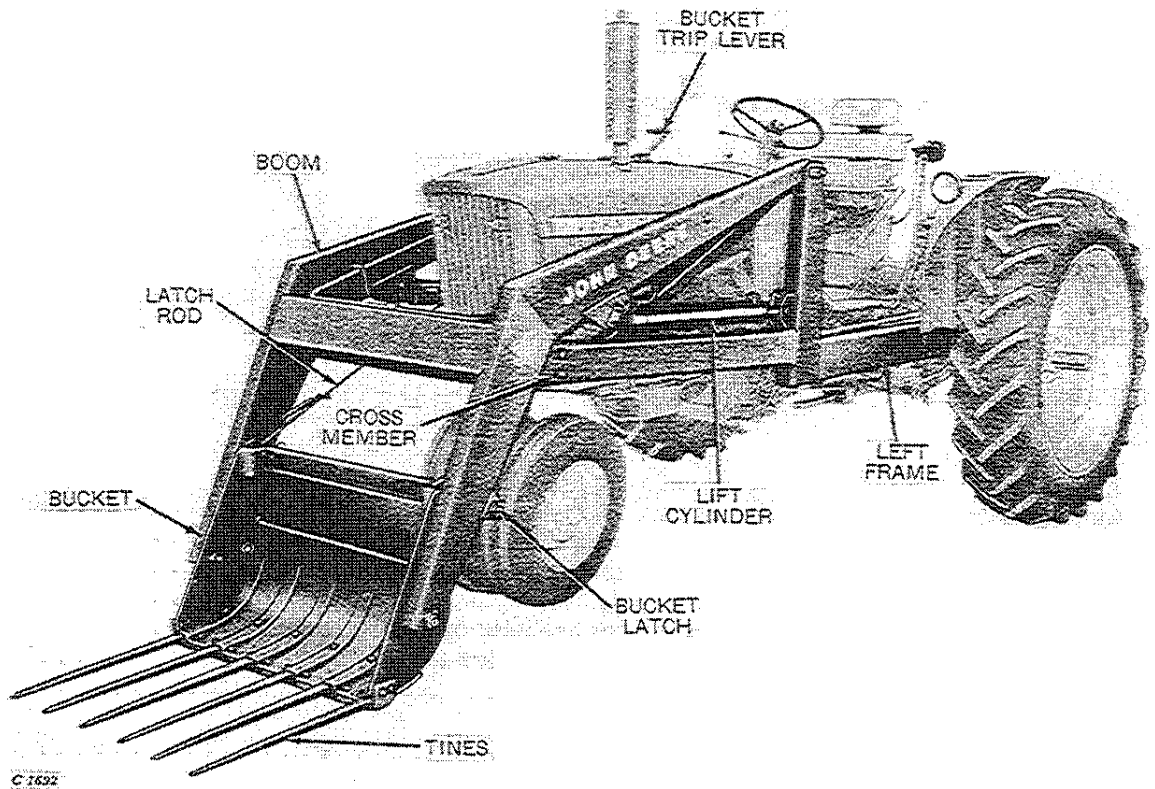
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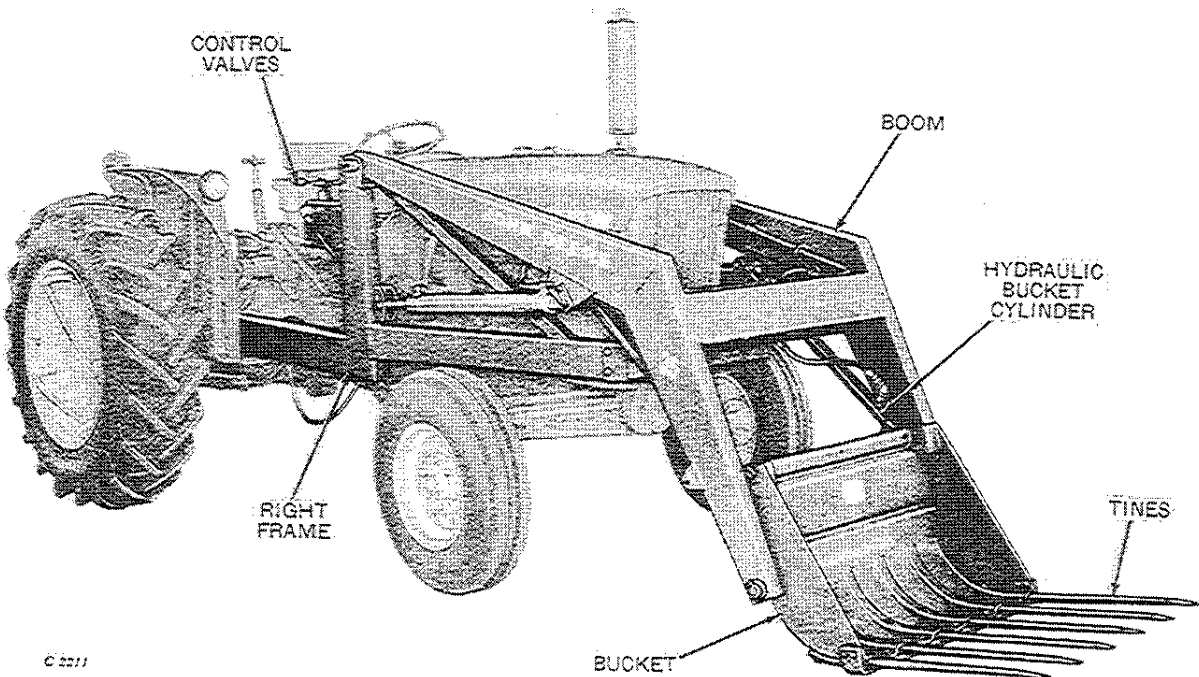


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John Deere 35 Farm Loader with mechanically-controlled bucket mounted on John Deere 2010 Row-Crop Tractor



John Deere 35 Farm Loader with hydraulically-controlled bucket mounted on John Deere 2010 Row-Crop Utility Tractor



description

The John Deere 35 Farm Loader has been designed for use with John Deere 1010, 2010, and 3010 Row-Crop Utility; 2010 and 3010 Row-Crop; 1010 Utility; 1010 Single Row-Crop; and most 330, 430, 320, 420, and 40 Series Tractors.

The instructions in this manual apply only to the operation of the 35 Loader mounted on 2010 Row-Crop and Row-Crop Utility Tractors.

Three methods of hydraulic control are used to operate the loader. The method selected for use with a particular tractor will depend on the tractor hydraulic system and the manner in which the system will be used.

A single remote hydraulic control attachment will operate a loader with mechanically-controlled bucket. A dual remote hydraulic control

attachment will operate a loader with a mechanically- or hydraulically-controlled bucket.

When it is necessary to operate the loader and the 3-point hitch at the same time, independent control valves must be used to operate the loader.

One independent control valve is required for a loader with a mechanically-controlled bucket. Two independent control valves are required for a loader with a hydraulically-controlled bucket.

If the 2010 Tractor is not equipped with a remote hydraulic control attachment, one or two independent control valves must be used to operate the loader. The number of control valves used depends on whether the loader is to be equipped with a mechanically- or hydraulically-controlled bucket.

Specifications

Weight (Gross)	823 pounds
Over-All Length (On John Deere 2010 Row-Crop Tractor)	185-1/4 inches
Rated Breakaway Capacity at Ground Level	2400 pounds
Rated Lift Capacity	1975 pounds
Lift Height (To Heel of Bucket)	117 inches
Penetration Below Ground Level	7 inches (approx.)

The following optional equipment is available for use with the 35 Loader:

- Bottom Sheet Extension
- Utility Bucket
- Spill Sheet
- Dirt Bucket
- Scraper Blade

(Specifications and design subject to change without notice.)



operation

Tractor preparation and operation

Wheel weights and spacing

Front wheels

The loader may be mounted on tractors with either single or dual front wheels. In either case, use heavy-duty front tires.


If mounted on tractors with dual wheels, set the wheels for widest front wheel tread. This eliminates the accumulation of mud between the tires, and also provides better stability.

If the tractor is equipped with an adjustable front axle, the axle setting should be in the narrowest position.

Front end weight should not be used.

Rear wheels

Use the widest rear wheel tread setting possible.

 When barn doors or gates limit the rear wheel tread, extra precaution must be taken when operating loader due to decreased stability.

Sufficient ballast should be added to rear wheels to secure the best operation possible. See your tractor operator's manual for ballast instructions.

Tire inflation

Refer to your tractor operator's manual for correct tire inflation pressures.

Increased tire inflation in front tires is necessary for loader operation.

Cold weather starting

In cold weather, run the tractor at half throttle for about 10 minutes to warm up the oil in the hydraulic system. This will assure smooth operation of the loader.

In extremely cold weather, the warm-up period for the hydraulic oil may be shortened considerably by raising the loader to the end of

the cylinder stroke and continuing to hold the control lever in operating position. When the oil lines become warm to the touch, release the control lever and return the bucket to ground position.

Checking oil level

Check the oil level in the tractor hydraulic system daily. Refer to your tractor operator's manual for instructions. Keep oil supply up to proper level. The oil level should be checked with bucket on the ground and tractor engine stopped. If oil level is low, add oil as instructed in the tractor operator's manual.

Engine speed

When using the loader under average conditions operate the tractor at a speed and throttle setting which will deliver maximum loader efficiency with minimum wheel slippage.

Safety suggestions



Never operate loader except from tractor seat.

Carry loads low.

Operate at slow ground speeds, especially on irregular ground.

Never operate a loader with frayed hoses or leaky fittings. A leak in the hydraulic system retards the efficient operation of the loader and may cause an accident.

Under no circumstances lift a person in the bucket.

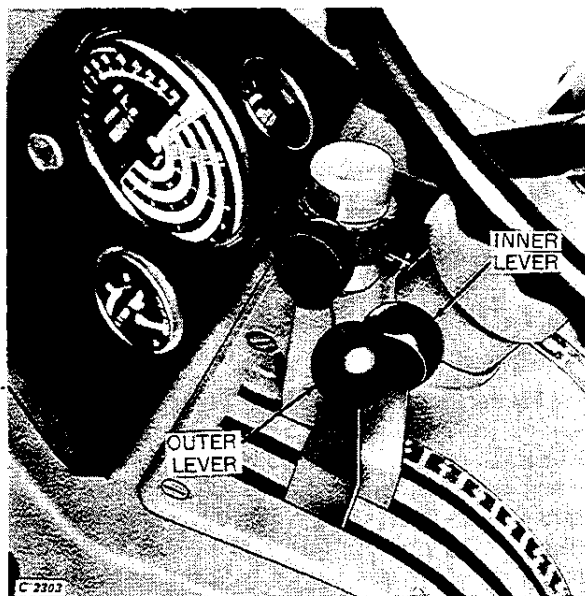
Do not leave tractor unattended with bucket in raised position.

Never operate loader without the minimum recommended amount of rear wheel weights.

Refer to your tractor operator's manual for additional safety suggestions.

Controls for loaders with mechanically-controlled bucket

Loader boom controlled by tractor remote cylinder operating lever. *(Rockshaft will not operate when loader is mounted on tractor.)*



When the loader is mounted on a tractor with dual rockshaft and single remote hydraulic system, the outer remote cylinder operating lever is used to control the boom.

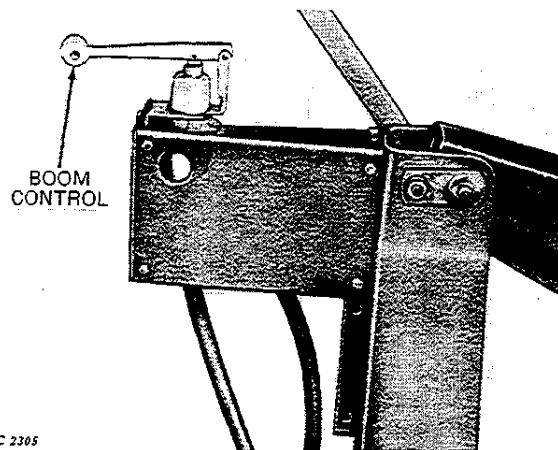
When the loader is mounted on a tractor with single rockshaft and dual remote hydraulic system, the inner remote cylinder operating lever is used to control the boom.

Moving the proper lever forward will raise the boom; moving the lever to the rear will lower it.

Moving the lever farther forward or backward will increase the operating speed of the boom.

If the lever is moved all the way forward, it will remain in that position until the boom reaches its highest point. The lever will automatically return to the neutral position.

Loader boom controlled by independent control valve. *(Rockshaft will operate when loader is mounted on tractor.)*



When a loader is mounted on a tractor equipped with a single or dual rockshaft, and the rockshaft is to be used to operate the 3-point hitch, an independent control valve must be used with the tractor hydraulic system.

If the loader is mounted on a tractor without single or dual rockshaft or remote hydraulic system, an independent control valve must be used with the tractor hydraulic system.

The independent valve controls the up and down movement of the boom. Pushing the lever down raises the boom, and lifting the lever lowers the boom. The boom may be stopped at any point between fully raised and fully lowered positions by releasing the lever.

Haste can cause an accident. Take your time when working around machines.

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