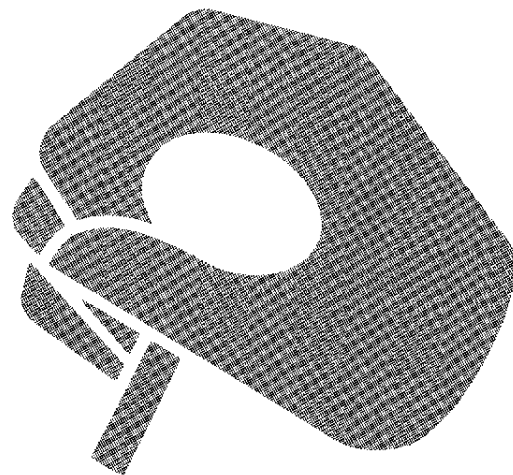


**John Deere
Float Springs
For Combine Platforms**

**OPERATORS
MANUAL**




**OM-H85224
Issue 12**



To the Purchaser

These new platform float springs were carefully designed and manufactured to give years of dependable service. To keep them operating efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need—whether it is operation, lubrication, or service. Read the Table of Contents to learn where each section is located.

 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

Study this manual carefully, keep it handy with your regular combine operator's manual, in a safe place, for future reference.

If you find that you require information not covered in this manual, see your John Deere dealer. He will answer any questions regarding the operation and

service of the float springs. He has trained mechanics who are kept informed on the best method of John Deere servicing and can give you prompt know-how service in the field or in his shop.

Should your float springs require replacement parts, see your John Deere dealer where you will receive John Deere parts—accept no substitutes. John Deere parts fit properly and insure satisfactory service because they are made from original patterns and from the same material as the new float springs.

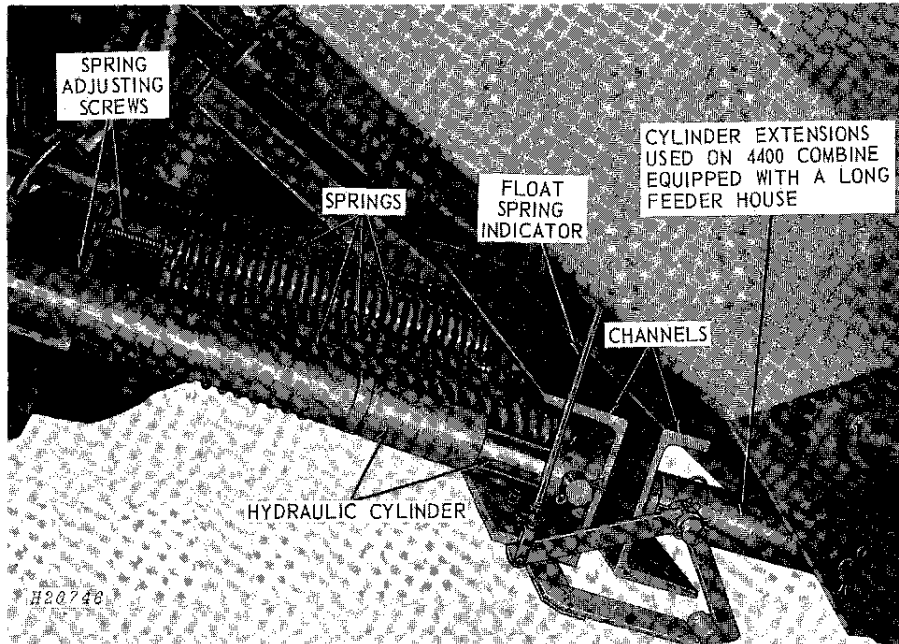
“Right-hand” and “left-hand” sides are determined by facing in the direction the combine will travel when in use.

The warranty on these platform float springs appears on your copy of the purchase order which you should have received from your dealer when you purchased the float springs.



Contents

	Page		Page
Operation	2-3	Service	6-7
How Float Springs Work	2	Adjusting Float Springs	6
Float Indicator	2	Adjusting Float Indicator	7
Operating Combine with Float Springs		Float Spring Support Chains	7
Locked Out	2		
Transporting	2	Assembly	8-10
Platform Bottom Protective Wear Plates	3	Installing Float Springs	8-9
Reel	3	Installing Float Spring Indicator	10
Tires	3		
Safety Suggestions	4	Specifications	11
Lubrication	5	Shipping Bundles	11



Float Springs on John Deere 4400 Combine

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

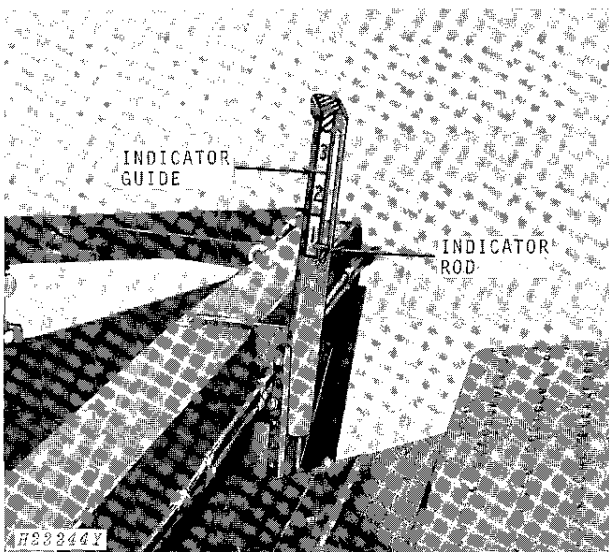


Operation

HOW FLOAT SPRINGS WORK

The float spring assembly under the feeder house, when coupled with platform bottom protective wear plates, permits the platform to skim the contour of the ground while floating up and over obstructions, such as rocks, irregular terrain, borders, and levees. This floating action permits harvesting of crops that are down and tangled and when a low cut is desirable.

FLOAT INDICATOR



The float indicator is a guide by which the operator can determine how much float is being used.

The indicator reads, in inches, the space between the channel which secures the float spring attachment to the feeder house and the channel to which the springs are secured.

The higher the numerical reading on the indicator guide, the greater the platform pressure on the ground. The lower the numerical reading on the indicator guide, the less the platform ground pressure.

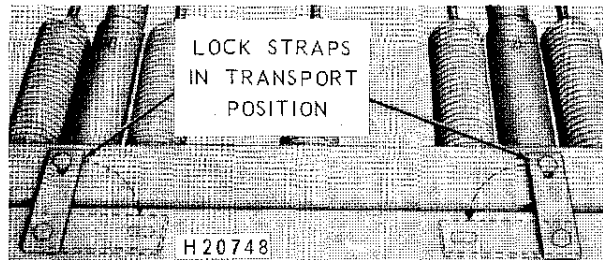
This space, which opens and closes with the up and down floating action of the platform is constantly measured by the indicator.

The operator can determine at a glance the floating action of the platform and maintain the proper float for his particular field and ground condition by extending or retracting the hydraulic cylinders.

The indicator also allows the operator to raise the platform and return it to a predetermined float setting position.

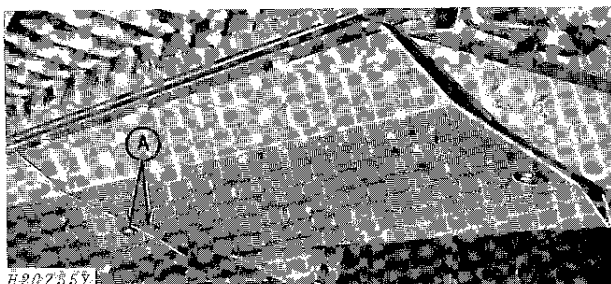
OPERATING COMBINE WITH FLOAT SPRINGS LOCKED OUT

This operation is desirable when the operator does not want the float springs to function at all. The floating action of the springs is locked out by securing the lock straps in the transport position.



When transporting the combine or when operating with a corn head on the combine, be certain float springs are locked out.

PLATFORM BOTTOM PROTECTIVE WEAR PLATES



The protective wear plates must be installed on the platform for use with float springs.

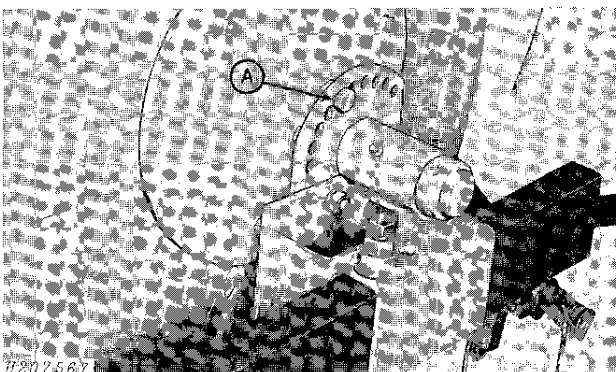
If combine is equipped with 24.5-32 tires on drive wheels and regular length feeder house, use four 17/32 x 1-1/4 x .180-inch flat washers between wear plates and each mounting bracket at "A" to keep the guards from plowing into the ground.

REEL

For the float springs to operate efficiently, the reel speed should be 25 percent faster than the ground speed.

Position the slat reel close to the knife so the cut material is "swept" off the cutter bar and incoming material may enter the knife in an upright position.

On combines equipped with pickup reel, pitch the fingers toward the auger by repositioning the cap screw at "A" so the cut material is delivered directly to the underside of the auger and not pushed over the top of it. Too great a pitch causes the reel to wind with the crop because the tines do not release the material after it is cut.



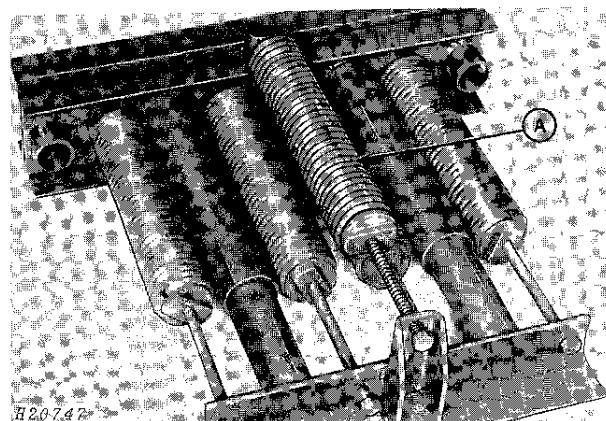
FEEDER HOUSE

The feeder house must pivot freely at the separator attaching points to provide proper float spring action. If it does not pivot, freely, check for and remove any obstruction.

TIRES

Tires must be filled to prescribed operating pressure to enable the float springs to operate properly. Fill them to pressure specified in your Combine Operator's Manual.

ADDITIONAL FLOAT SPRING (3300 Combine)



If additional flotation is needed on a 3300 Combine, a fifth spring should be installed as shown at "A."



Safety Suggestions

⚠ Study these suggestions carefully and insist that they be followed by those working with you and for you.

The safety of the operator was one of the prime considerations in the minds of the John Deere engineers when the platform float springs were designed.

All machinery should be operated only by responsible persons who have been delegated to do so.

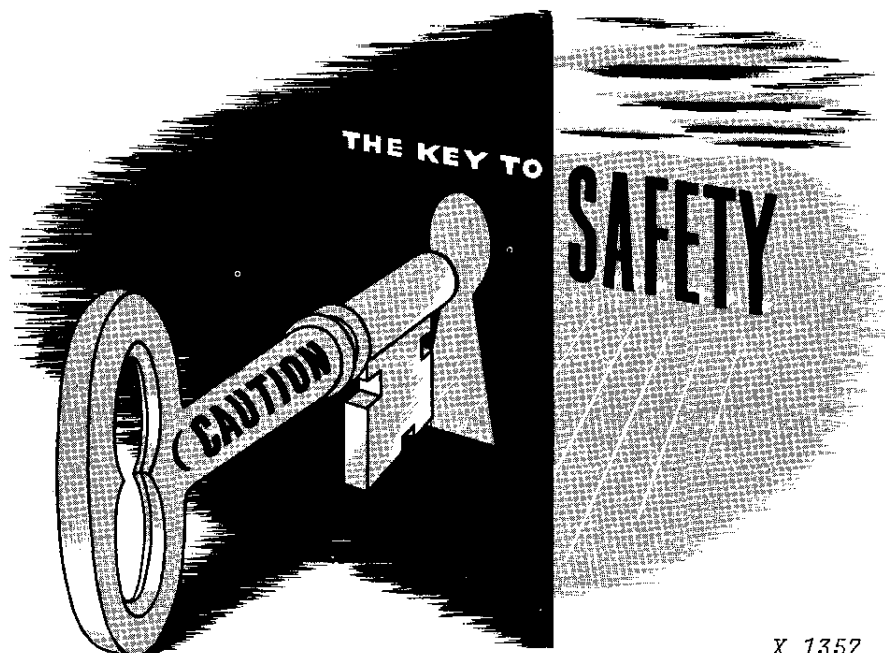
Never clean, lubricate, or adjust the float springs when the combine is running.

Clothing worn by the operator should be fairly tight and belted. Loose jackets, shirts, or sleeves should never be worn because of the danger of getting into moving parts.

Be sure combine shields and guards are in place and in good condition before starting in the field.

Provide a first-aid kit for use in case of accidents. Use proper antiseptics on scratches and cuts without delay, to prevent the possibility of infection.

You can make your farm a safer place to live and work if you observe the safety suggestions given.



X 1357



Suggest:

If the above button click is invalid.

Please download this document

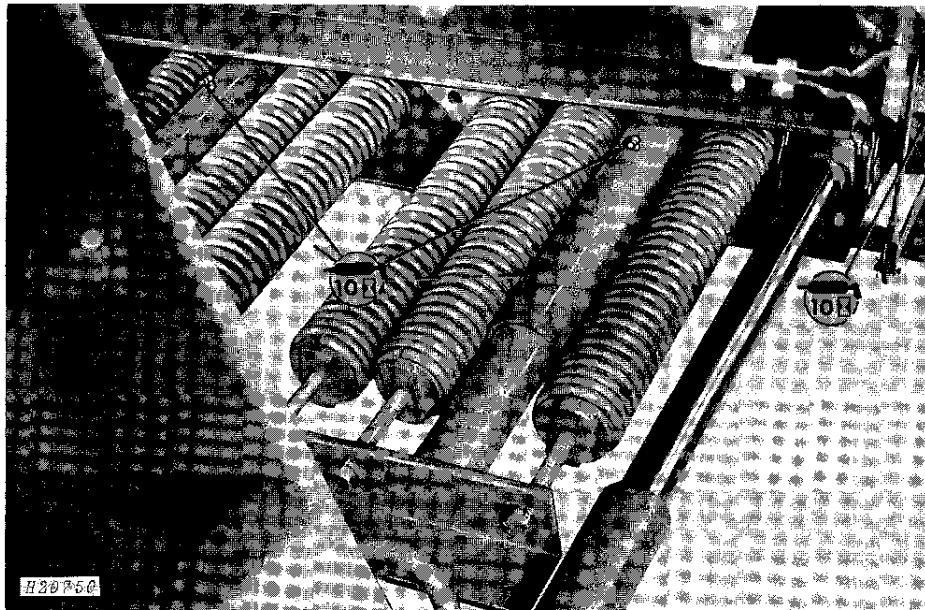
first, and then click the above link

to download the complete manual.


Thank you so much for reading



Lubrication



Illustrated on 4400 Combine

SYMBOL	
	Lubricate with John Deere Multi-Purpose Lubricant or an equivalent SAE multipurpose-type grease at hourly interval indicated on the symbol.

Five grease fittings are provided at points indicated in the illustration. If any grease fittings are missing, replace them immediately. Clean the fittings thoroughly before using grease gun.

⚠ CAUTION: Do not clean, lubricate, or adjust float springs while combine is running.

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>