John Deere Combine Quik-Tatch Platforms

JOHN DEERE

OPERATORS MANUAL

John Deere Combine Quik-Tatch Platforms

OMH84062 Issue K1 English

John Deere Harvester Works
OMH84062 Issue K1

LITHO IN U.S.A.
ENGLISH

To the Purchaser

This new platform was carefully designed and manufactured to give years of dependable service. To keep it running 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. Use the alphabetical index for fast reference.

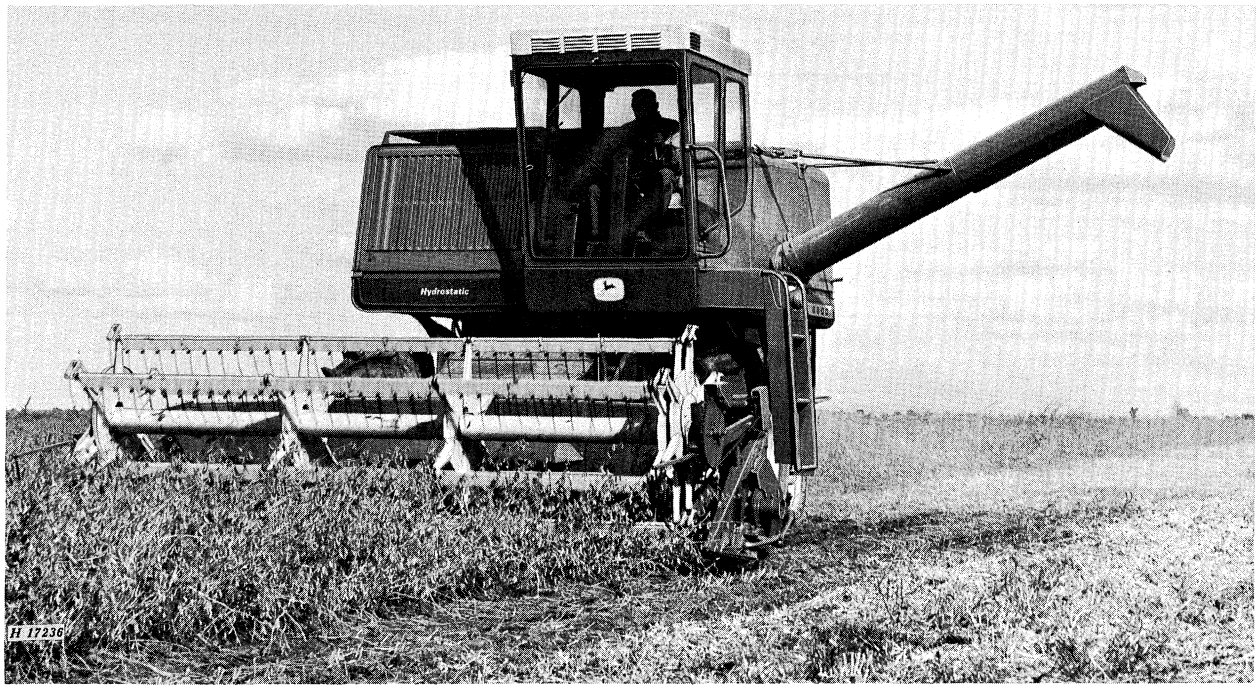
This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

In addition to the equipment furnished with your platform, attachments are available to help you do a better job in special crop conditions. These are described in the attachments section of this manual, and can be purchased from your John Deere dealer.

"Right-hand" and "left-hand" sides are determined by facing in the direction the platform will travel when in use.

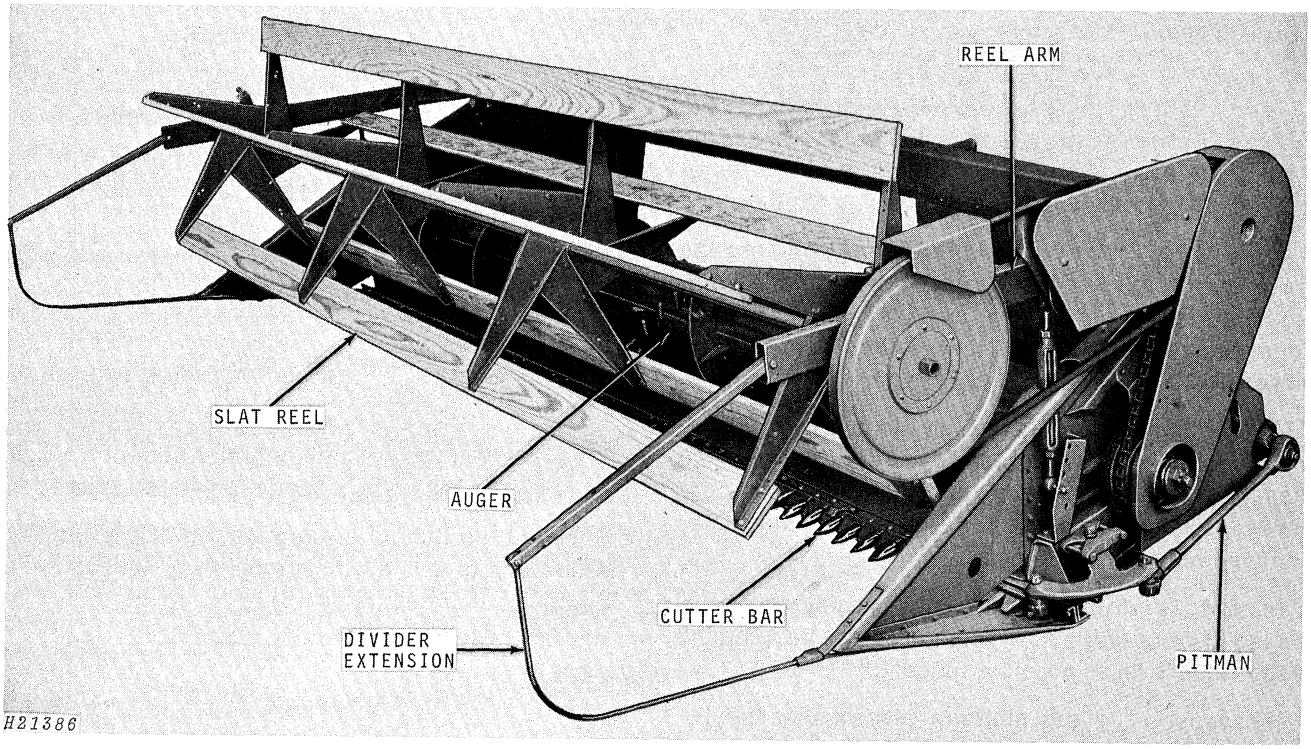
Record your platform serial number in the space provided on page 36. Your dealer needs this information to give you prompt; efficient service when you order parts or attachments. If your platform requires replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts—accept no substitutes.

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



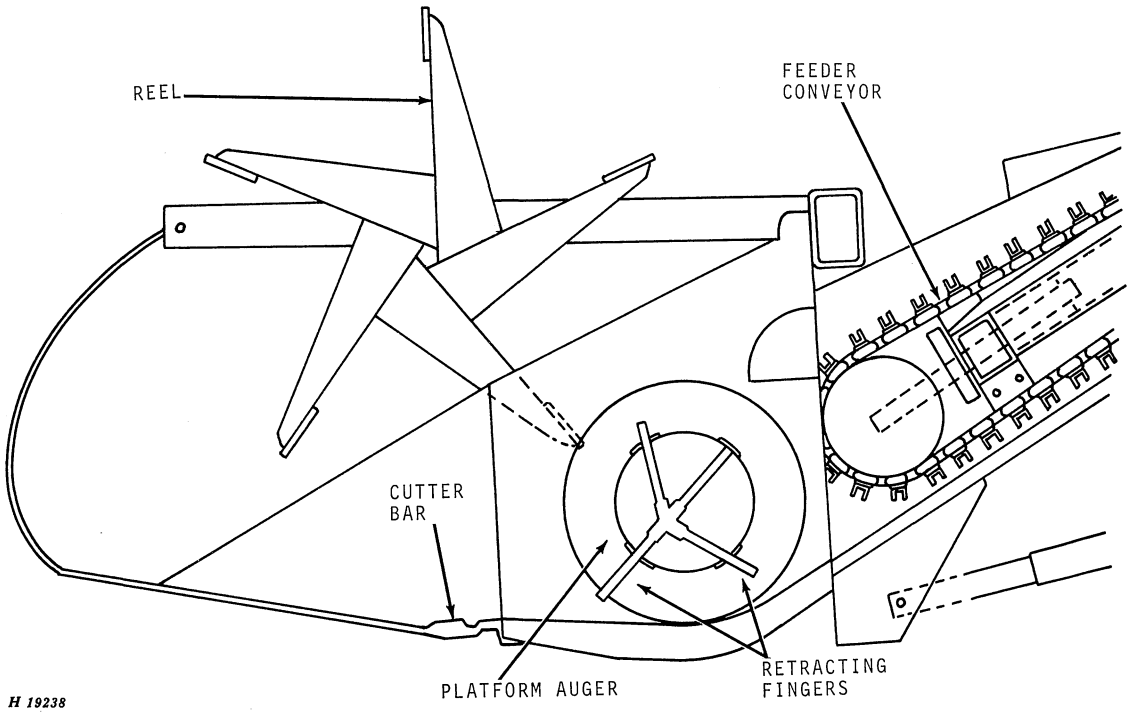
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John Deere Cutting Platform for Combines

Operation



The platform receives the crop and moves it to the front of the combine feeder house by means of an auger. Retracting fingers on the auger feed the material to the feeder conveyor.

Height of the platform can be changed by moving the platform height control lever located on the combine steering column. As a safety measure, platform height cannot be changed unless the engine is running. See combine operator's manual.

On combines so equipped, an electric clutch is either engaged or disengaged by operating a switch on the control panel, allowing the platform and feeder house to be started or stopped immediately. See combine operator's manual.

Platform performance depends largely on maintaining correct unit speeds (page 7) and keeping the platform as level as possible (page 15).

While servicing the platform always use the hydraulic cylinder safety stop (page 10).

CUTTER BAR

The cutter bar is basically a multiple series of shears. To cut properly, the knife must run smoothly in the cutter bar, and every knife section must rest on the guard in position to make a shear cut. This means that the guards (page 11), wearing plates (page 12), and knife clips (page 12) must be in good condition and set correctly. If these parts become loose or worn, the knife will chew and tear the crop instead of cutting it.

To prevent poor cutting and frequent clogging, always keep the knife properly registered (page 11).

Do not run the cutter bar closer to the ground than necessary to cut all the crop. Keep the cutter bar aligned at all times (page 13).

REEL

Reel slats gather the crop, hold it until it is cut by the knife, and then move it into the platform auger. Keep the reel level, at proper height, and at proper speed to feed the cut material uniformly and steadily to the platform auger.

Set reel so the slats, in their lowest position, strike just below the lowest grain heads and slightly ahead of the knife.

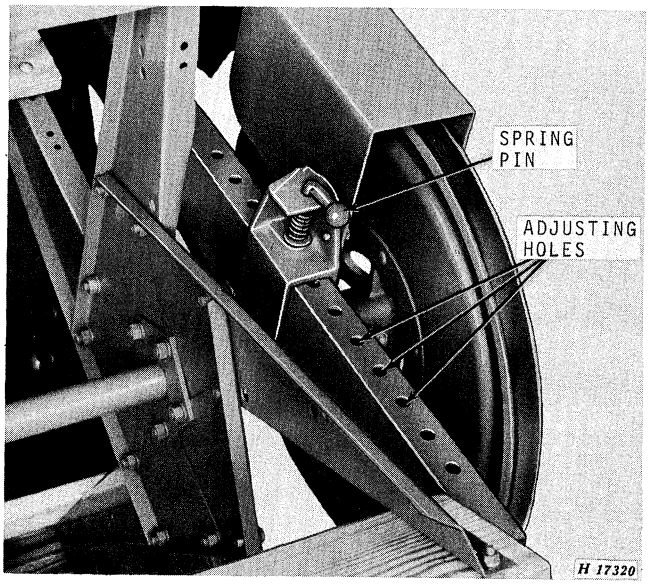
In crops that are down and badly tangled, set the reel so it will just clear the knife and platform auger. In this position, the material is swept back into the platform auger.

Choose a reel speed to match the condition of the crop. Keep speed as fast as possible without shattering the grain or carrying the straw around over the top of the reel. Usually, slow ground travel speed requires a slow reel speed.

Adjust reel speed by repositioning the reel drive chain on different drive and driven sprockets (pages 4 and 5).

Reel Adjustments

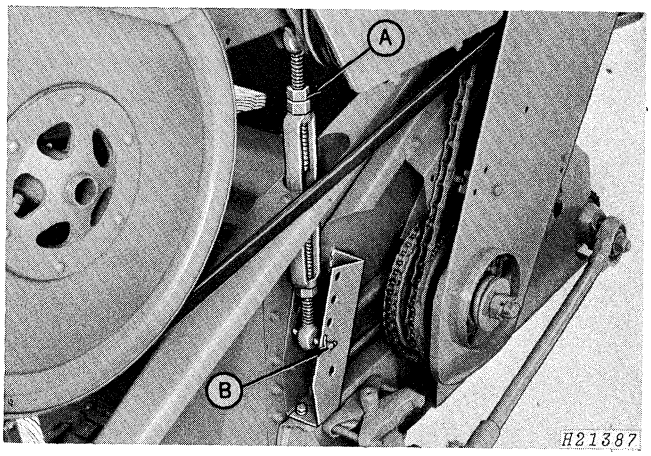
Forward or Rearward Adjustment



A series of holes is provided on the reel support arms so the reel can be moved forward or rearward. Lift up the spring pin, move the reel to desired position, and install pin. Be sure to adjust both sides evenly.

Check drive belt tension and adjust if necessary. Page 14.

Height Adjustment (Manual Control)



Reel arm turnbuckles, located at each end of cutting platform, are used to adjust the reel up or down. Loosen lock nut "A," turn turnbuckle, and tighten lock nut "A."

⚠ CAUTION: The reel arm is heavy and must be supported when removing pin.

The reel can also be adjusted by removing pin "B" and positioning to desired height.

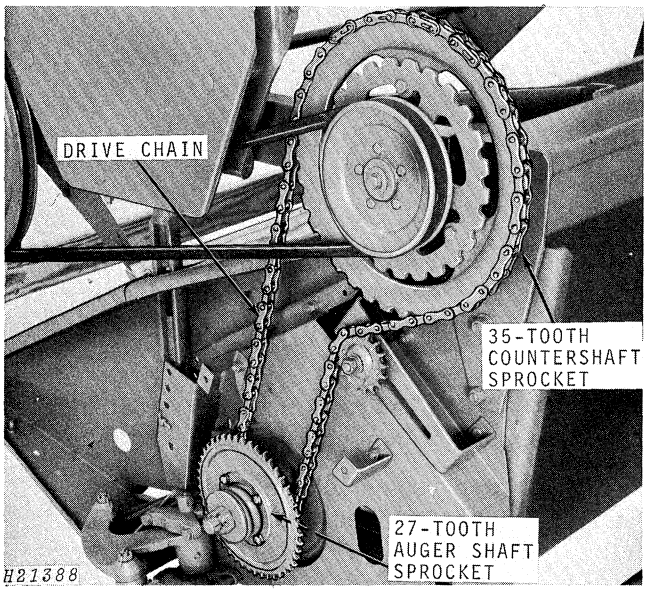


Reel Speeds

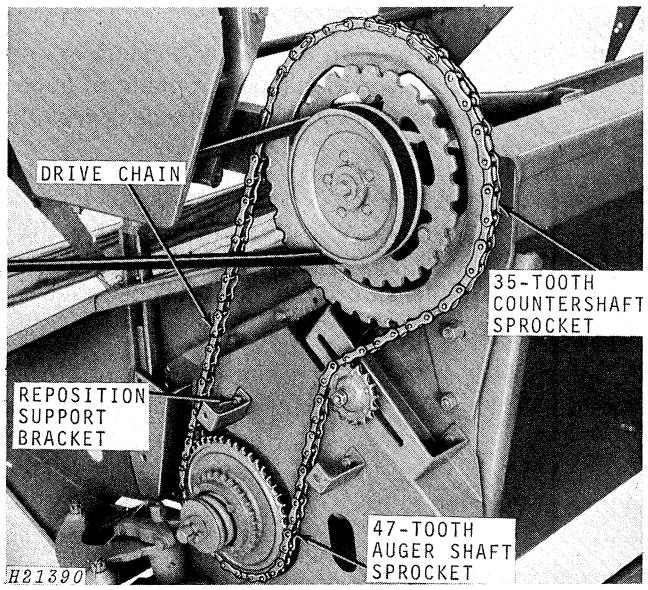
Reel speed may be changed by positioning the drive chain on different combinations of drive sprockets on the auger shaft and driven sprockets on the countershaft. When changing the reel speed, always position the drive chain on the inside sprocket on the auger shaft. The two auger shaft sprockets are interchangeable to insure correct drive chain alignment (page 5). The countershaft sprockets also must be positioned correctly (page 5).

Whenever the 47-tooth sprocket is used on the auger shaft, the front support bracket for the shield will have to be repositioned as shown below.

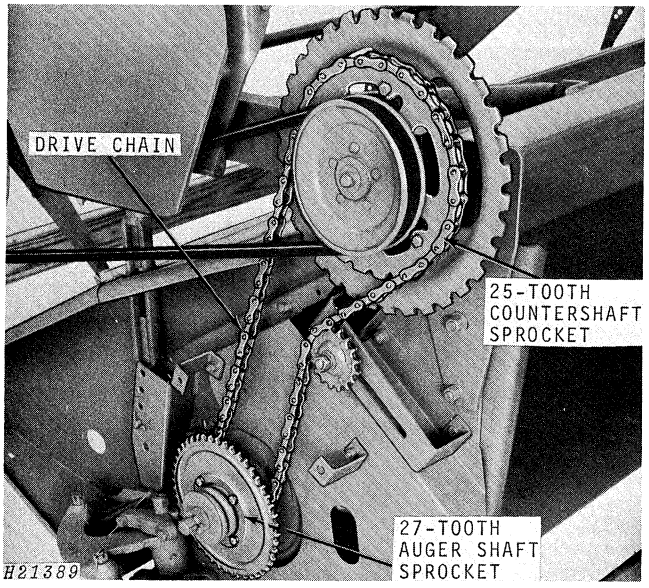
NOTE: Shields have been removed for illustrative purposes.



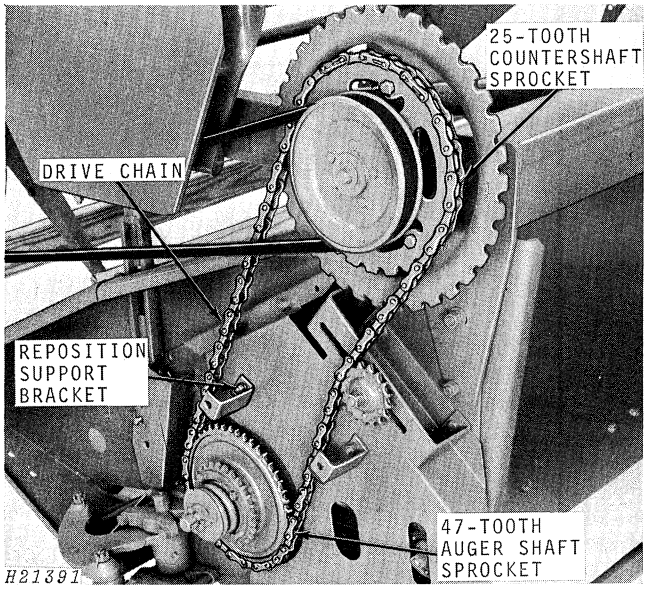
26 rpm



46 rpm



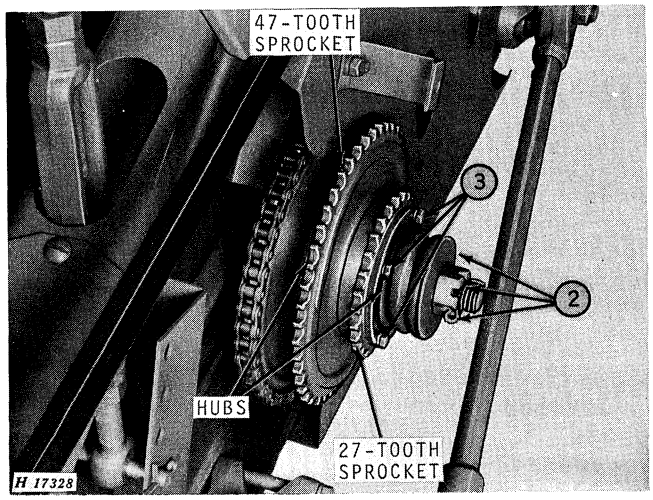
36 rpm



63 rpm

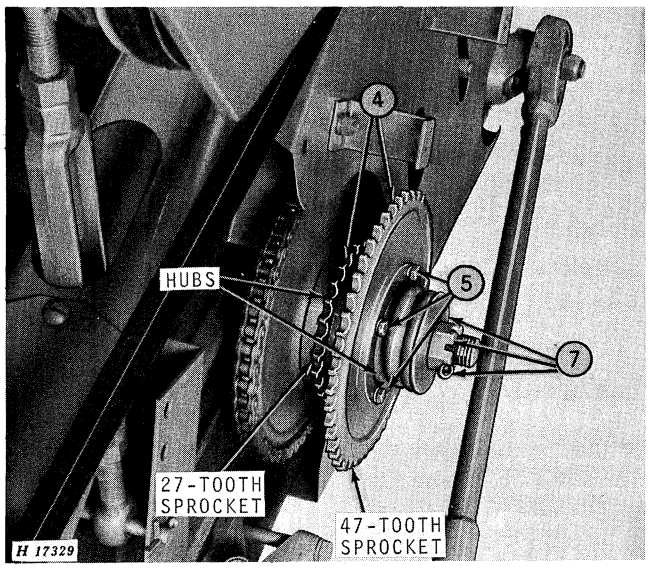
Interchanging Auger Shaft Sprockets

1. (Not Illustrated) Remove reel drive shield and drive chain.



2. Remove cotter pin, castellated nut, and cup washer.

3. Remove four cap screws and slide both sprockets off the auger shaft.



4. Slide the desired sprocket on the shaft first with the wide hub in; then slide second sprocket on with the wide hub out.

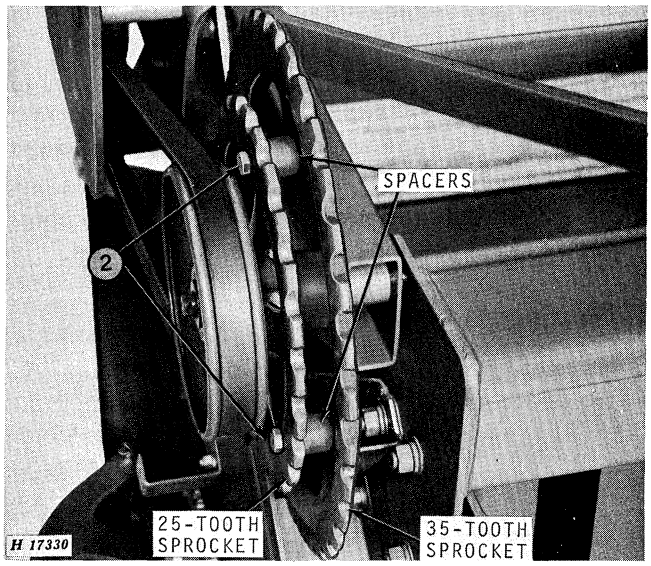
5. Install cap screws and tighten.

6. (Not Illustrated) Install drive chain (add or remove chain links as necessary) and adjust tension (page 14).

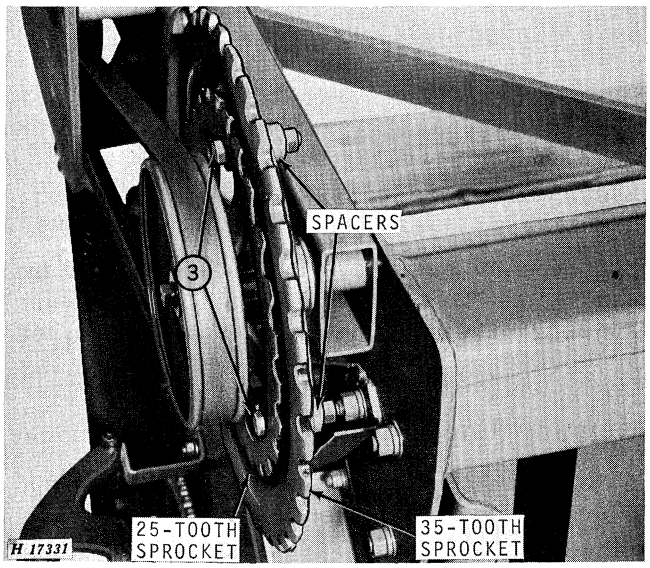
7. Install cup washer, castellated nut, and cotter pin. Install reel drive shield.

Repositioning Countershaft Sprockets

1. (Not Illustrated) Remove reel drive shield and drive chain.



2. The illustration above shows the 25-tooth sprocket in drive position. To switch to the 35-tooth sprocket, remove three cap screws and spacers between the two sprockets.



3. Install cap screws with the spacers on the back side of the 35-tooth sprocket. Tighten cap screws.

4. (Not Illustrated) Install drive chain (add or remove links as necessary) and adjust tension (page 14). Install reel drive shield.

5. When returning to the 25-tooth sprocket, reposition the spacers between sprockets.

PLATFORM AUGER

A 1/8- to 5/8-inch clearance between the auger flights and platform bottom and between the auger flights and the auger stripper is required for most crops and conditions to get smooth even feeding.

If the auger is too high or does not have the same relationship at both ends, material will be carried around the auger and will not be fed properly to the feeder conveyor.

It may be necessary to raise the auger when combining coarse stemmed crops or heavy windrows.

Adjusting Auger Height

On right-hand side of platform, loosen two nuts "A." To raise the auger, loosen nut "B" and tighten nut "C." To lower the auger, loosen nut "C" and tighten nut "B."

On the left-hand side, loosen nuts "A" and nut "B." To raise the auger, tighten bolt "C." To lower the auger, loosen bolt "C." Tighten nut "B" and nuts "A."

IMPORTANT: Keep auger level; be certain there is ample clearance for the auger fingers and proper clearance between auger flights and stripper. Check drive chain tension.

Adjusting Auger Forward and Rearward

On right-hand side of platform, loosen the two bolts "D" in the adjusting bracket. Move auger to the necessary position, and tighten nuts.

NOTE: Be careful not to destroy finger height setting.

On left-hand side, move the auger rearward by loosening nut "D" and tightening nut "E." Move the auger forward by loosening nut "E" and tightening nut "D."

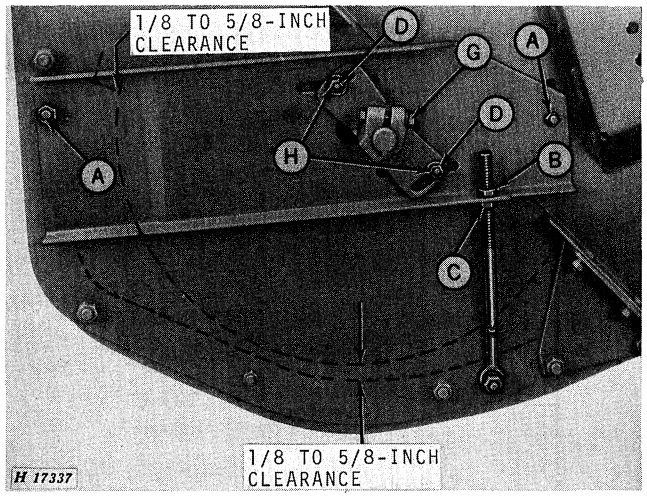
Adjusting Finger Clearance

Retracting auger fingers are adjustable to obtain the best delivery to the feeder conveyor.

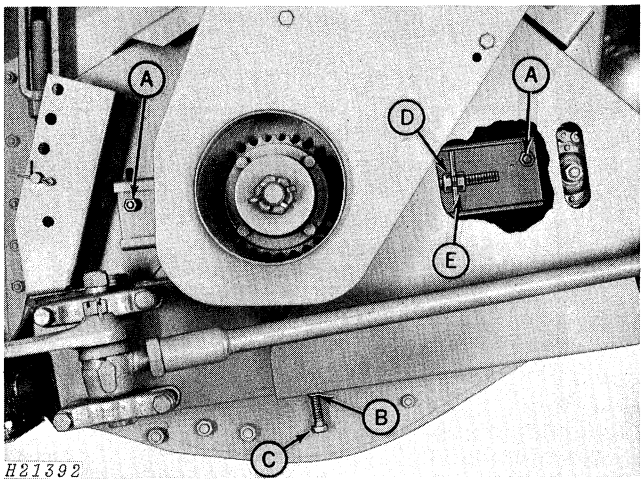
Maintain equal clearance between both the end finger bearings and the finger cranks, as illustrated. Loosen lock nuts "F" and "G" and move shaft in or out as necessary. Then secure shaft in position by tightening lock nuts "F" and "G."

Adjusting Finger Height

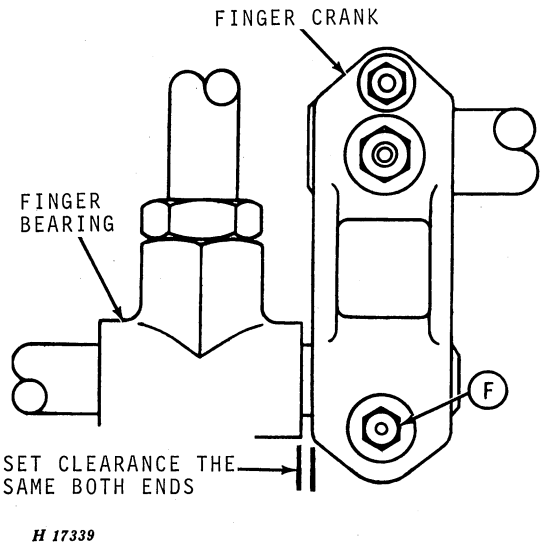
On the right-hand side of the platform, loosen the two bolts "H." To move the extended fingers down on the auger tube, pivot the top of bracket forward. Tighten nuts "H." Fingers must clear platform bottom 1/8 to 1/4 inch. To move fingers up, reverse the procedure.



Right-Hand Side



Left-Hand Side



NOTE: Be careful not to destroy the auger forward and rearward adjustment.

OPERATING SPEEDS

Description	Speed	Page
Reel	26 - 63 rpm	4
Knife	465 cycles per min.	11
Knife and Platform Countershaft:		
3300, 4400, 6600, and 7700 Combines	465 rpm	--
45, 55, 95, and 105 Combines	470 rpm	--
Platform Auger	177 rpm	6

SAFETY SUGGESTIONS

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

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

Never clean, oil, or adjust the platform when it is running.

Clothing worn by 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.

Make certain everyone is clear of the combine before starting the combine engine so no one can be struck by moving parts.

Always disengage drive and shut off the combine engine before working on the platform.

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

Never attempt to clear obstructions off the platform unless the combine is stopped and the combine engine is shut off.

Escaping hydraulic fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting lines, be sure to relieve all pressure. Before applying pressure to the system, be sure all connections are tight and that lines, pipes, and hoses are not damaged. Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than hands, to search for suspected leaks.

If injured by escaping hydraulic fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.

Lubrication and Periodic Service

SYMBOLS	
5 Lubricate Every 5 Hours of Operation with John Deere Multi-Purpose Lubricant or an equivalent SAE Multipurpose-Type Grease.	50 Oil Every 50 Hours of Operation with SAE 30 Oil.
10 Lubricate Every 10 Hours of Operation with John Deere Multi-Purpose Lubricant or an equivalent SAE Multipurpose-Type Grease.	

LUBRICATE AS REQUIRED

CAUTION: Never lubricate or service platform while combine engine is running.

Chains

Lubricate chains at frequent intervals with SAE 30 oil. Operate chains for several minutes so they are warm when oil is applied.

NOTE: Genuine John Deere Chain Lube in an aerosol can (part number PT508) may be obtained from your John Deere dealer. This is an ideal lubricant for roller drive chains.

Knife

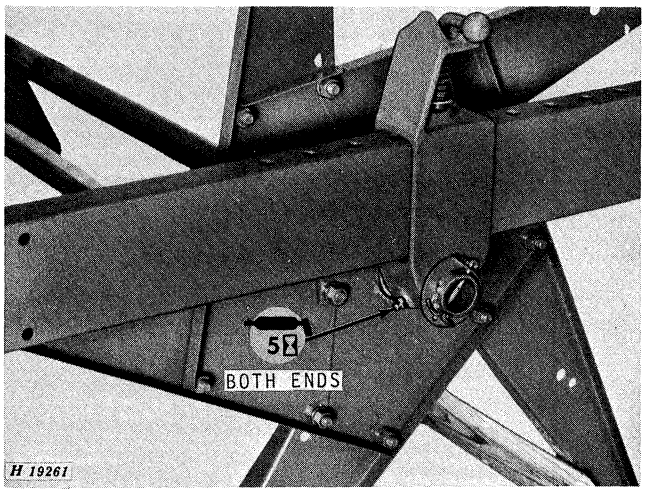
The amount of lubricant to use on a knife depends on the conditions in which the work is being done. When the grain is being topped and the cutter bar is carried some distance from the ground, liberal lubrication with SAE 30 oil is permissible. In conditions where the cutter bar must operate close to the ground, it is better not to use oil except for a small amount on the knife holders.

KEEP LUBRICANTS CLEAN!

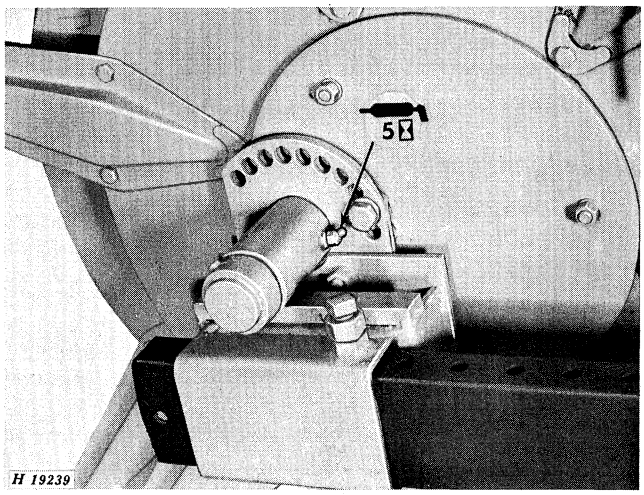
Use only high-grade lubricants which have been stored in clean containers. Wipe away all grease and dirt from grease fittings before lubricating.

5-HOUR SERVICE

Slat Reel Pipe or Pick-Up Reel Shaft Housing—Both Sides



Slat Reel

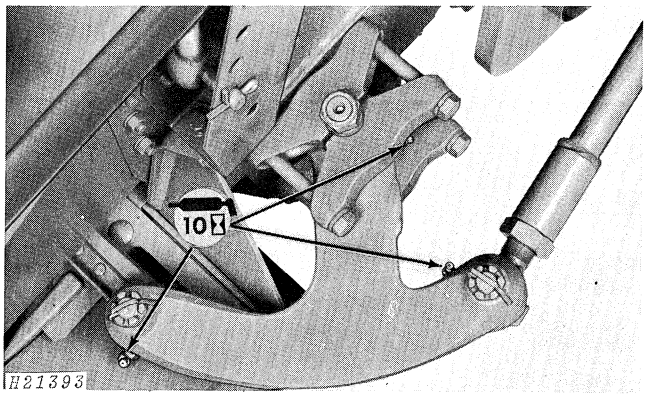


Pick-Up Reel

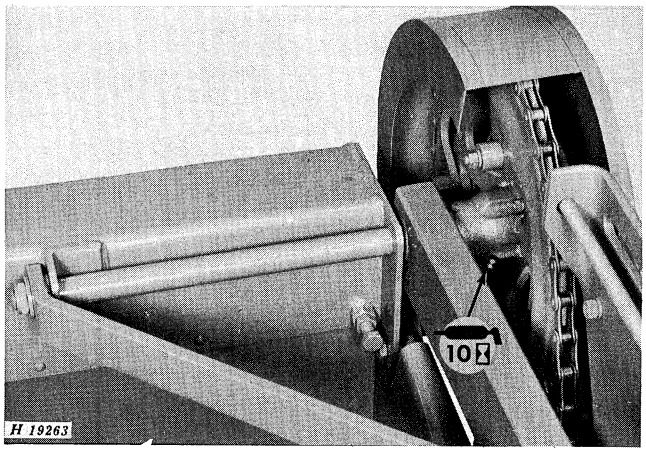
10-HOUR SERVICE

Perform all 5-hour lubrication.

Knife Drive Pitman, Bell Crank, and Knife Head



Reel Drive



Reel Drive Belt

Check tension, page 14.

Reel Drive Chain

Check tension, page 14.

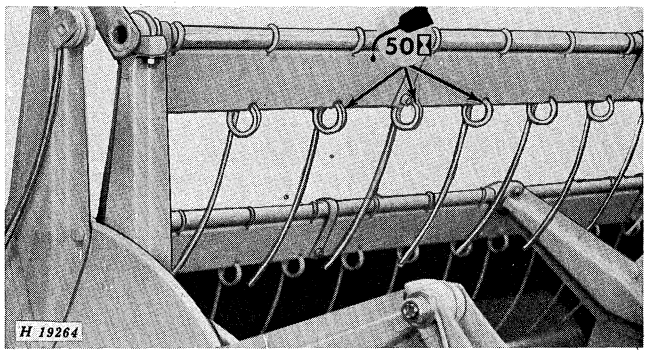
Platform Auger Drive Chain

Check tension, page 14.

50-HOUR SERVICE

Perform all 5- and 10-hour lubrication and periodic services.

Pickup Reel Finger Coils



Cutter Bar and Knife

Check for broken sections, page 11.
Check register, page 11.
Check alignment, page 13.
Check guards, page 11.
Check knife clips, page 12.
Check wearing plates, page 12.

100-HOUR SERVICE

Perform all 5-, 10-, and 50-hour lubrication and periodic services.

Platform

Check level, page 15.

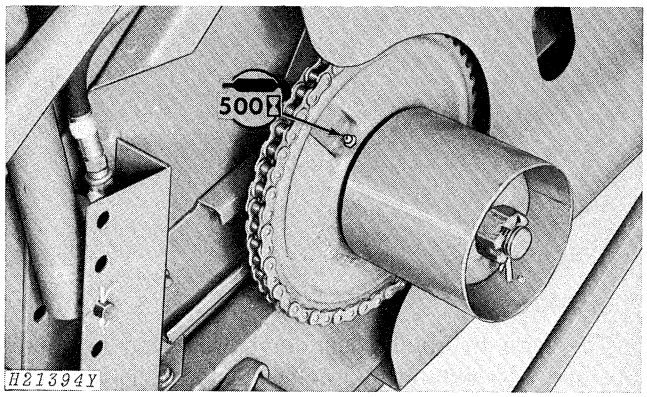
Bell Crank

Check adjustment, page 10.

500-HOUR OR YEARLY SERVICE

Perform all 5-, 10-, 50- and 100-hour lubrication and periodic services.

Platform Auger Slip Clutch

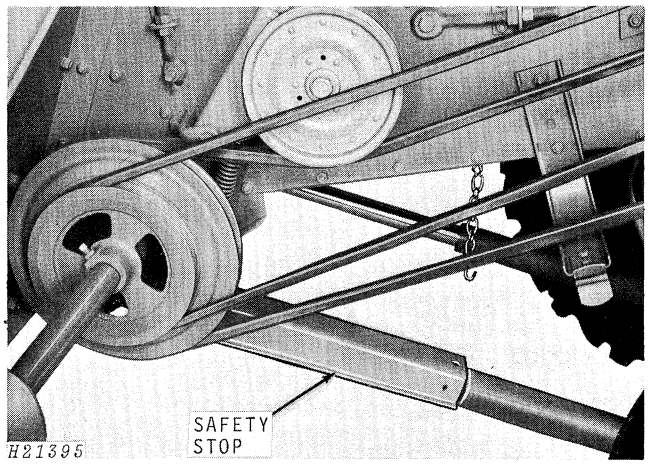


Remove pipe plug and install grease fitting. After lubrication, reinstall pipe plug to prevent more frequent lubrication of slip clutch.

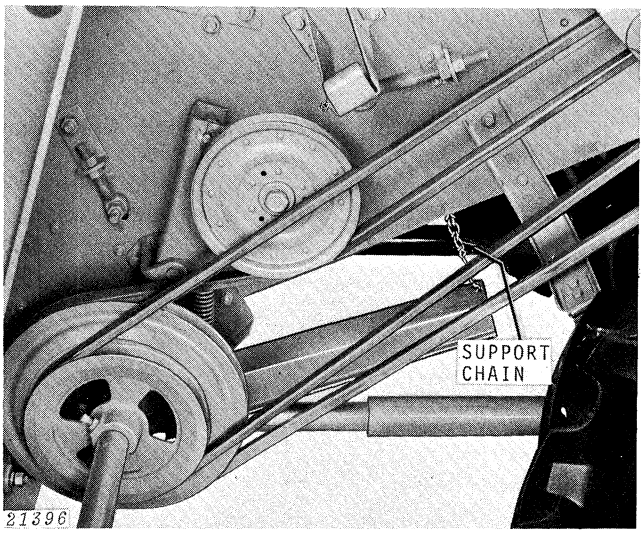
Service

HYDRAULIC CYLINDER SAFETY STOP

CAUTION: When working under the platform always place the hydraulic cylinder safety stop in safety position.



Safety Position

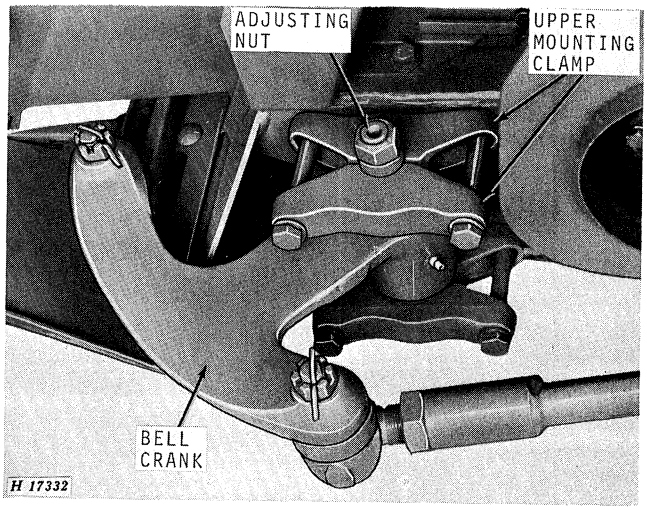


Storage Position

To place hydraulic cylinder safety stop in safety position first extend hydraulic cylinders. Disconnect support chain from safety stop and position safety stop on piston rod. After completing the work on the platform, attach safety stop to support chain for storage.

CUTTER BAR

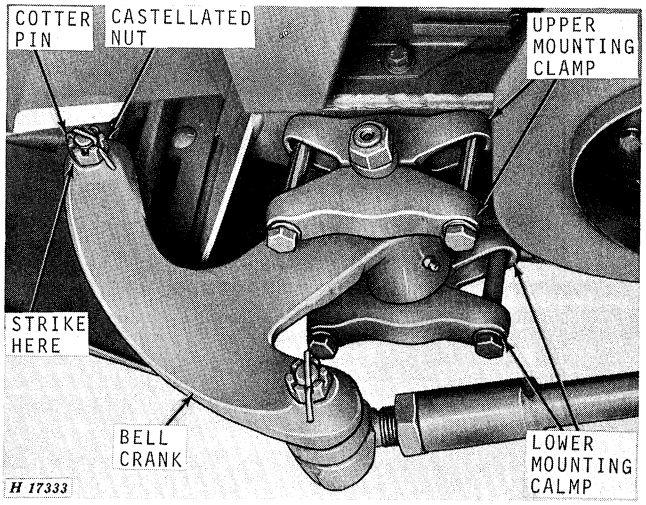
Bell Crank Bearing Adjustment



Check the tapered roller bearing (located in bell crank) every 100 hours of operation for vertical end play. If vertical end play exists, make the following adjustments:

Loosen top bolts in mounting clamp and tighten adjusting nut until end play disappears; tighten mounting clamp bolts.

Removal and Installation of Knife



To remove knife, remove cotter pin and castellated nut from knife head. Loosen cap screws in lower mounting clamp; remove upper mounting clamp. Strike the bell crank a sharp blow with a hammer at knife head to break loose the "tapered lock." Lift bell crank off knife head and pull knife out of cutter bar.

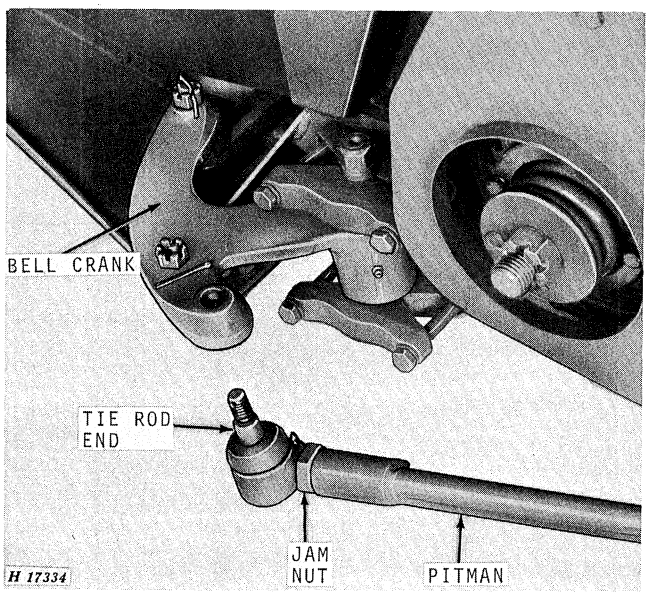
To install the knife, reverse the above procedure.

IMPORTANT: Be careful to align knife section within guard slots so sections will not bind. After centering sections, tighten four cap screws in mounting clamps.

Knife Register

The knife is in proper register when the sections pass an equal distance, through adjacent guards at each end of the pitman stroke. If such is not the case, the cut is incomplete on one stroke and excessive on the other, resulting in poor cutting and frequent clogging of the knife.

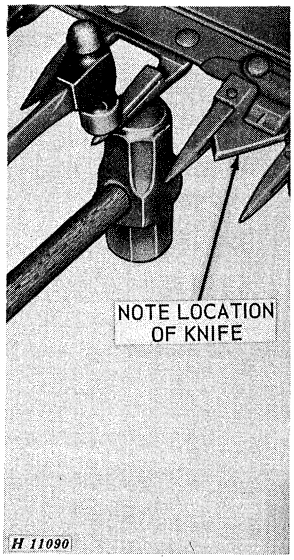
To adjust register, remove cotter pin from tie rod end and loosen nut. Break tie rod end loose from bell crank with lead hammer or use an automotive-type tie rod removal tool. Remove nut and lower pitman tie rod end.



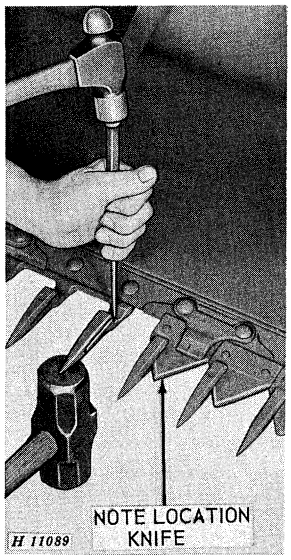
Loosen 1-1/2-inch jam nut and revolve tie rod end as many full turns, either direction, as necessary. Each complete turn is equivalent to 1/16 inch. Attach tie rod end to bell crank, check register, and tighten jam nut.

IMPORTANT: Tie rod end must fit freely into tapered hole in bell crank to prevent breaking pitman. If necessary, bend pitman to make tie rod end fit freely in tapered hole.

Guard Alignment



Setting Guard Down



Setting Guard Up

NOTE: Before aligning guards be sure the cutterbar is aligned (page 13).

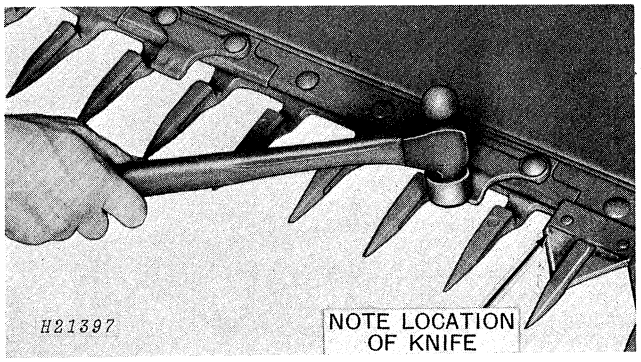
Set each guard up or down as necessary to obtain a shear cut between the knife section and the guard. Tighten the bolt as each guard is aligned.

NOTE: Guard lip must be parallel with shear edge of guard.

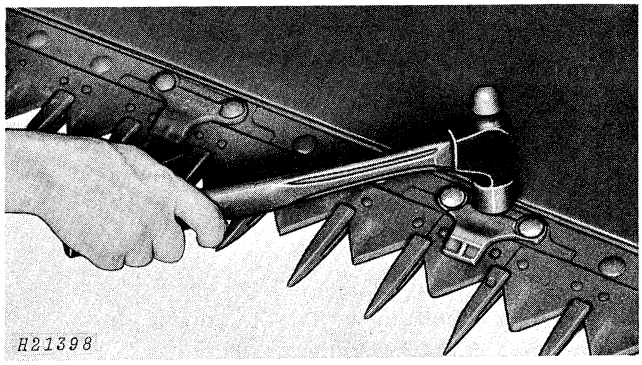
If it is necessary to replace guards, be certain to align new guards to insure a shear cut.

CUTTER BAR—Continued

Knife Clip Adjustment



Setting Knife Clip Down

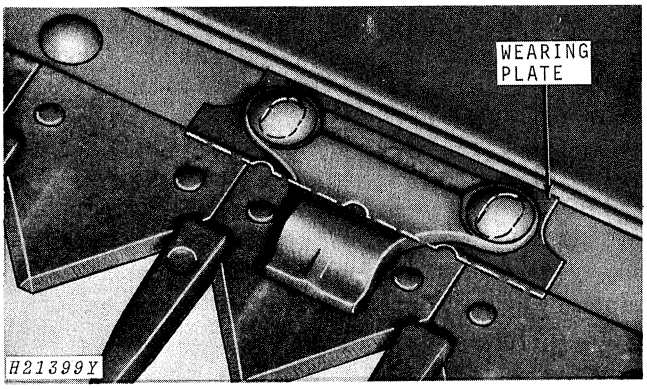


Setting Knife Clip Up

Knife clips must keep sections from lifting off guards and permit knife to slide without binding. Set knife clips after guards are aligned. Never bend down a knife clip when the knife is under it. Tap the knife clips up or down until the knife will slide under them without binding.

If knife clip is too tight, strike it between the bolts. After setting the knife clips, oil, and make certain the knife works freely.

Wearing Plate Adjustment

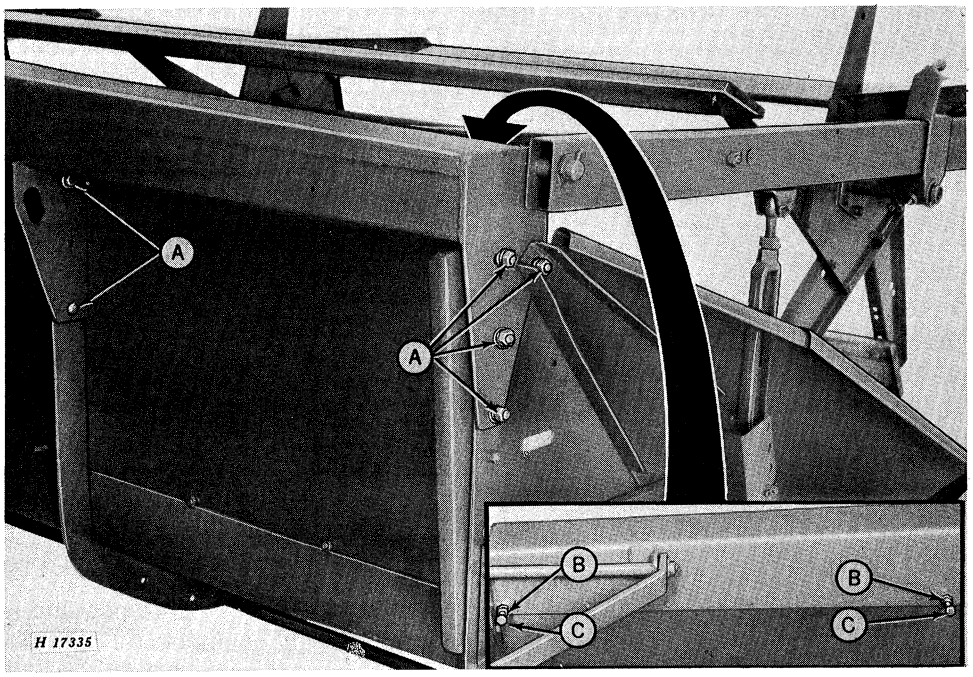


Wearing plates are located along the entire length of the knife back and are adjustable to compensate for wear on the knife back. Turned-down edges of the wearing plates must line up with each other to give the knife back a straight bearing along its entire length.

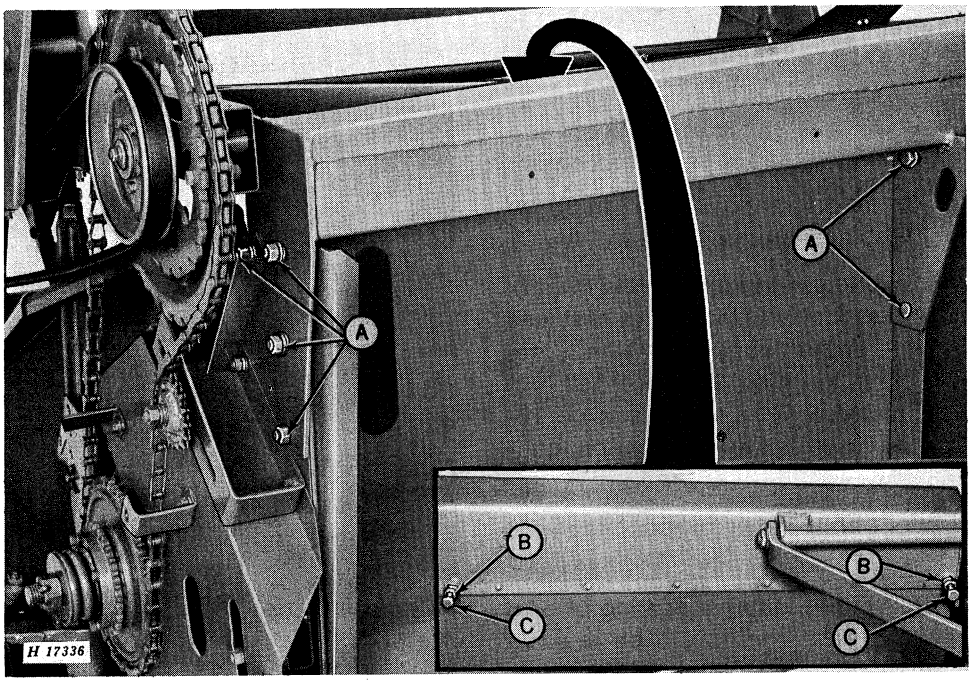
Hold knife forward with fingers and adjust wearing plates finger tight against knife back. Do not drive with a hammer or pry up with a screwdriver. After moving wearing plates forward, or after replacing them, be sure to tighten the guard bolts securely.

The world's best safety device is a careful operator.

Aligning Cutter Bar



Right-Hand End of Platform (18-Foot and Larger)



Left-Hand End of Platform (18-Foot and Larger)

NOTE: Before attempting to align the cutter bar be sure the platform is level (page 15).

Lower cutter bar onto wooden block under the end that needs to be aligned.

To align the cutter bar, loosen bolts "A" in platform J-angles on right-hand end of platform.

Loosen lock nuts "B" and turn adjusting bolts "C" on front of platform. Turn bolts "C" clockwise to raise end of cutter bar; counterclockwise to lower end of cutter bar. Adjust the intermediate J-angles about one-half the outer J-angles.

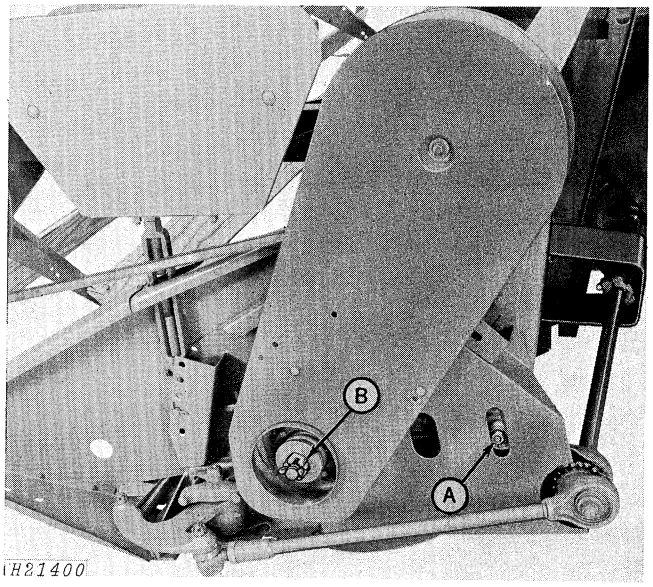
Tighten lock nuts "B" on adjusting bolts and tighten bolts "A" in J-angles.

Repeat the above procedure on left-hand end of platform.

NOTE: On 16-foot platforms and smaller, only two J-angles (one on each end of the platform) can be adjusted.

PLATFORM AUGER

Adjusting Auger Drive Chain



Loosen nut "A." Adjust sprocket upward as necessary; then tighten nut "A." The chain is properly adjusted when it will operate without climbing or jumping sprockets.

Adjusting Slip Clutch

Remove cotter pin and thread nut "B" on or off shaft as necessary. Replace cotter pin.

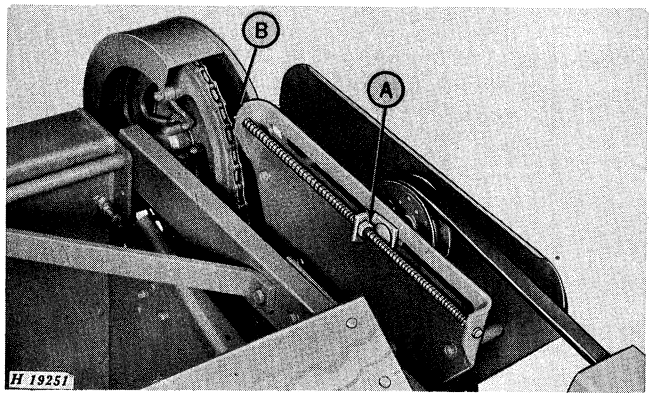
Set clutch springs with just enough tension to work without slipping. Set slip clutch loosely at first and tighten gradually until proper working tension is determined. Do not tighten nut more than one-half turn at a time. If slip clutch becomes worn, a large 16-gauge washer can be added behind the spring to increase tension.

Do not increase tension to a point where clutch will not slip.

Before prolonged storage, apply a coating of SAE Multipurpose-Type grease to slip clutch jaws to prevent rusting. When platform is removed from storage, clean slip clutch and be certain to put grease in bore of slip clutch after cleaning. Adjust for proper working tension.

REEL

Drive Belt Adjustment

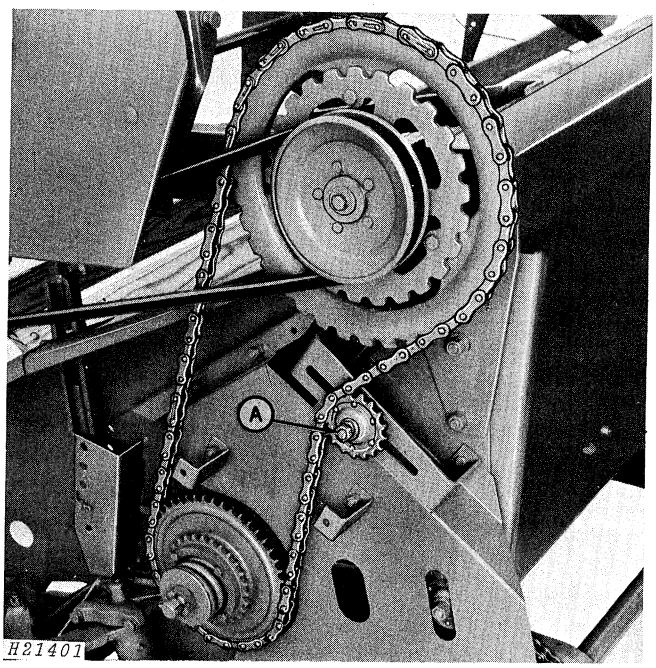


When changing the reel from one position to another, it may be necessary to adjust drive belt tension.

Hold nut "A" with a wrench and turn bolt "B" until the belt is tight enough to run without slipping.

IMPORTANT: The drive belt acts as a slip clutch and should slip under extreme conditions.

Drive Chain Adjustment



Adjust the chain tension tight enough so chain will run without climbing or jumping the sprockets.

Loosen nut "A" and move tightener forward as necessary. Tighten nut "A."

LEVELING PLATFORM

At least every two weeks, or more often if necessary, check to be sure platform is level. Whenever platform is attached to feeder house always check to be sure it is level.

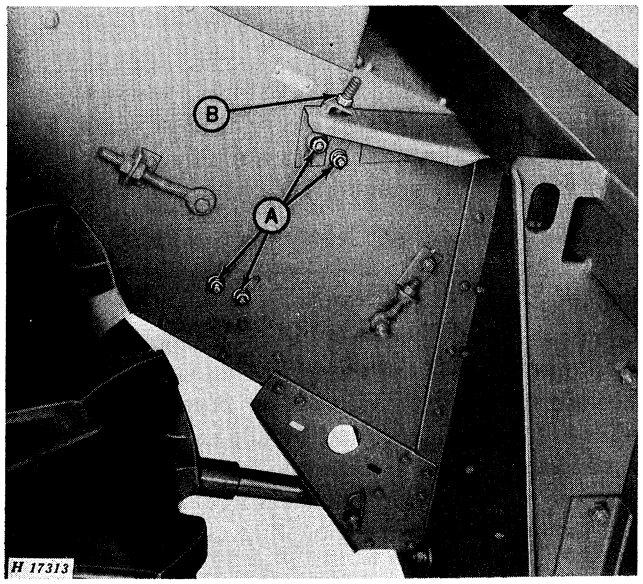
3300, 4400, 6600, and 7700 Combines

Raise the platform to medium height.

Take a position approximately 15 feet directly in front of the platform.

Compare the bottom of the platform with the combine front axle.

IMPORTANT: Be sure tires are inflated to equal air pressure for accurate leveling adjustment. See tire inflation chart in combine operator's manual.



If platform is not level, lower platform onto wooden block under the end that needs to be raised.

Loosen four nuts "A" on right-hand side of feeder house.

To raise right-hand end of platform, loosen nut "B."

To raise left-hand end of platform, tighten nut ""B." When correct level is obtained, tighten nuts "A."

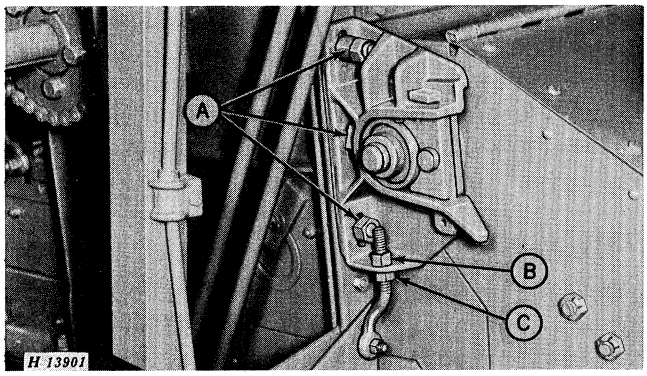
45, 55, 95, and 105 Combines Equipped with Intermediate Feeder House

Raise the platform to medium height.

Take a position approximately 15 feet directly in front of the platform.

Compare the bottom of the platform with the combine front axle.

IMPORTANT: Be sure tires are inflated to equal air pressure for accurate leveling adjustment. See tire inflation chart in operator's manual.



If the platform is not level, make the following adjustments.

Loosen the three bolts "A" securing right-hand pivot bracket to separator.

Loosen lock nut "B" on adjusting bolt.

Thread adjusting nut "C" up to raise right-hand side of platform or down to lower right-hand side of platform.

When the platform is parallel with front axle tube, tighten the bolts "A."

IMPORTANT: These bolts must be tight.

Tighten lock nut "B."

V-BELT CARE AND MAINTENANCE

The V-belts transmit power by friction and a wedging action against the sheaves. Belts are therefore subject to wear through periodic heavy load and should be checked often to be certain belt wear is normal. All belts and sheaves wear with use. Normal wear can be recognized as even wear—both on the belt and sides of the sheave.

NOTE: A slight raveling or peeling of the belt at the lap does not indicate premature failure. Cut off the raveling if the covering peels at the lap. Check for the cause of unusual belt wear as follows:

Sheave Defects

Examine sheaves for bent or chipped sidewalls. Check also for excessive sidewall wear. Damaged sheaves cause rapid belt wear. A bent sheave reduces the gripping power of the belt. Replace sheaves having any of the above defects immediately.

Dirty Sheaves

Check to be sure dirt has not lodged and packed in sheave V-grooves. Excessive vibration may be caused by dirt collecting inside sheaves. Loosen dirt so it will fall out.

Vibration can also be caused by lumpy V-belts. Check belts for swells and lumps. Use only factory-recommended V-belts of the proper length when replacing.

V-Belt Installation

Whenever unusual V-belt wear, tear, or other failure occurs, check immediately for the cause. After correcting the cause, replace V-belts by first loosening idler, loosening mounting bolts, or removing sheave.

IMPORTANT: Never pry belt over edge of sheave as this may rupture belt cords and shorten belt life. Place the belt in the sheave groove by hand.

V-Belt Cleaning

CAUTION: Do not attempt to clean the belts while combine is running.

Clean belts by wiping them with a clean cloth. Immediately wipe off any spilled oil or grease. Avoid use of solvents since this will soften the materials in the belt.

Do not use belt dressings. Dressings often give only temporary gripping action while softening the belt and causing eventual deterioration, and shortening of the belt life.

CARE OF CHAINS

All chain drives have chain tighteners. Chain tension should be adjusted so that chains are just tight enough to run without climbing or jumping sprockets.

Steel Roller Chains

Do not run these chains too tight or so loose that they will slap. Extra offset links are furnished in each chain to permit shortening the chain as it wears or stretches.

Sprocket Alignment

Be certain that all sprockets composing each drive are properly aligned. Drive or driven sprockets may be moved in or out on shafts for proper alignment, and tightener sprockets may be aligned by increasing or decreasing the number of flat washers behind sprocket hub. Inspect sprockets frequently to make sure teeth are not worn enough to cause damage to chain.

Cleaning

CAUTION: Do not attempt to clean chains while combine is running.

Exposed chain drives should be cleaned regularly. Remove and clean by soaking or dipping in diesel fuel. Dry and then oil chain thoroughly after installing. Before storing platform, clean chains and lubricate with a heavy oil or grease. When removing platform from storage, reclean the chains and lubricate with SAE 30 oil.

Trouble Shooting

The majority of platform operating problems can be traced to improper adjustment. The trouble shooting chart which follows will help you when problems develop by suggesting a probable cause and the recommended remedy.

Make certain when you are trying to solve a problem, that the source does not come from some place other than where the problem exists.

In many instances, special attachments are available to meet various crop conditions; however, it is suggested that when difficulties are encountered, every effort be made to overcome the difficulty before purchasing the special attachment. If the platform is not adjusted properly, the special attachment will not eliminate the difficulty.

Problem	Cause	Remedy	Page
CROP LOSS AT CUTTER BAR			
Shattering of grain ahead of cutter bar	Reel speed not coordinated with ground speed, causing excessive agitation before crop is cut.	Change reel drive sprockets or adjust hydrostatic drive reel (3300, 4400, 6600, and 7700 Combines) to coordinate reel speed with ground speed so reel will move crop smoothly and evenly.	5
		Reel should turn 25 percent faster than ground travel speed.	-
	Ground speed too fast for conditions of crop.	Slow down ground speed so reel will not bat crop, causing shattering.	-
Cut crop building up and falling from front of cutter bar or loss of grain heads at cutter bar.	Reel not adjusted low enough for proper delivery of cut crop to auger.	Set reel low enough to sweep material from cutter bar.	3
	Auger clearance too high from platform bottom.	Adjust outer ends of auger to 1/8- to 5/8-inch clearance of platform bottom and check finger clearance.	6
	Cutting platform too high, cutting stalks too short for proper delivery.	Lower cutting platform so stalks of cut material will be long enough for smooth, even feeding to auger.	2
	Reel speed too slow.	Increase speed of reel.	4

Problem	Cause	Remedy	Page
POOR CUTTING ACTION			
Ragged and uneven cutting of crop.	Cutting mechanism not at recommended speed.	Check basic speed of combine. (See combine Operator's Manual.)	-
		Check platform and feeder house drives. (See Combine Operator's Manual).	
	Various parts of cutter bar, such as knife sections, guards, wearing plates, are worn, damaged, or broken.	Check and replace all worn and broken parts on cutter bar to obtain even cutting of crop.	11
	Bent knife, causing binding of cutting parts.	Straighten a bent knife. Check guard alignment and align if necessary for a smooth cut.	11
	Knife clips not adjusted to permit knife to work freely.	Adjust knife clips so knife will work freely, but still keep knife sections from lifting off guards.	12
	Cutting edge of guards not close enough or parallel to knife sections.	Adjust guards.	11
	Looseness between knife back and guards.	Adjust wearing plates so knife back is snug to guard.	12
	Lips of guards out of adjustment or bent, causing poor shearing action.	Adjust lips of guards so they are parallel to shear edge of guards.	11
	Improper knife register.	Adjust knife register so knife sections pass an equal distance through adjacent guards at each end of pitman stroke.	11
Excessive vibration of cutting parts.	Cutting mechanism not at recommended speed.	Check basic speed of combine. (See Combine Operator's Manual.)	-
		Check platform and feeder house drive. Make certain that stop block is installed on variable drive. (3300, 4400, 6600, and 7700 combines.) (See Combine Operator's Manual.)	-
	Excessive looseness of cutting parts and knife drive.	Remove all excessive play from cutter bar and knife drive to eliminate vibration. After removing excessive play, make certain cutter bar and knife drive are properly adjusted.	11
	Improper knife register.	Adjust knife register.	11

Problem	Cause	Remedy	Page
IMPROPER REEL DELIVERY			
Reel wrapping in tangled and weedy crops.	Slat reel not efficiently delivering crop.	Install pickup reel.	*
	Incorrect location of reel.	Place reel well ahead and down. If wrapping occurs at ends of reel, install reel end shields.	3 *
	Reel speed too fast.	Reduce speed of reel to allow crops to fall into platform.	5
Reel carrying around straw.	Reel speed too fast.	Reduce speed of reel so straw will not carry over top of reel. Reel should turn 1-1/4 times faster than ground travel speed.	5
	Reel height too low.	Raise reel height to reduce amount of straw gathered by reel.	3
	Pickup tines pitched too much.	Reduce pitch of tines.	-
DOWN AND TANGLED CROPS			
Too much material entering combine.	Cutting too low in order to get all down and tangled crops.	Use lifting guards or pickup reel in down and tangled conditions.	*
IMPROPER FEEDING IN FEEDER HOUSE			
Uneven or bunched feeding of crop to cylinder.	Auger clearance too high from platform bottom.	Adjust outer ends of auger to 1/8- to 5/8-inch clearance of bottom.	6
	Build up of grain on cutter bar.	Lower height of reel and set fore-and-aft position as close as possible to cutter bar and auger.	3
	Fingers in platform auger not adjusted to convey material properly to feeder conveyor chain.	Adjust finger height of auger so there is even feeding from the platform auger to feeder conveyor chain.	6
	Platform drive belt slipping.	Spring-loaded tightener must be free and tight against belt. (See Combine Operator's Manual.)	-
	Auger too far ahead of stripper.	Adjust auger back to stripper.	6
	Platform auger slip clutch set too loose.	Tighten auger slip clutch.	14
	Feeder drum lower stops set too high.	Adjust lower stops (See Combine Operator's Manual).	-

* *See Attachments Section*

Storage

END OF SEASON SERVICE

1. If possible, shelter platform in a dry place.

2. Support platform with blocks to level it.

3. Clean the platform thoroughly. Chaff and dirt will draw moisture and rust the steel.

4. Loosen belts and wipe clean with good non-flammable solvent. Line grooves of sheaves with clean paper to prevent belts from contacting metal surfaces.

5. Lubricate platform completely. See Lubrication Charts. Grease the threads on bolts used for adjustments. Apply a coating of grease to slip clutch jaws.

6. Paint all parts from which paint was worn.

7. Release spring tension on slip clutch.

8. List the replacement parts that will be needed before the next season and order them early. Your John Deere dealer can give better service during the off season, and when parts are received, they can be installed in your spare time—no delay at harvest time.

BEGINNING OF THE SEASON SERVICE

1. Clean the platform thoroughly.

2. Remove paper from sheave grooves. Adjust belts, making sure they have the proper tension.

3. Adjust chains to proper tension.

4. Clean slip clutch. Be sure to put grease in bore of slip clutch after cleaning. Adjust spring tension on slip clutch.

5. Lubricate platform completely, following Lubrication Charts.

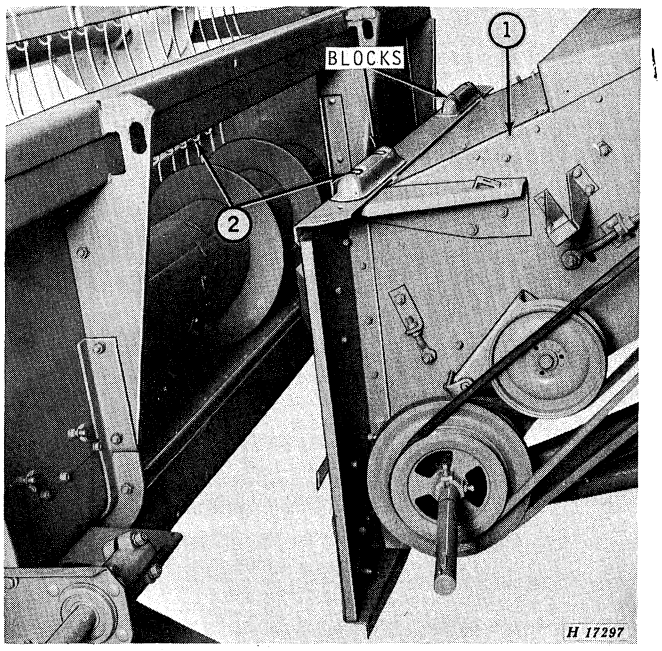
6. Go over complete platform and see that all bolts are tight and cotter pins are spread.

7. Run platform at half-speed for a few minutes. Check bearings for overheating or excessive looseness. Be sure slip clutch operates freely.

8. Review your operator's manual.

Installation

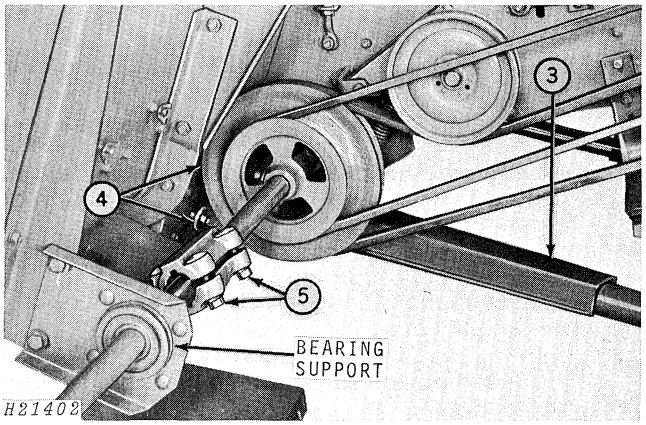
ATTACHING PLATFORM TO FIXED-BELT-DRIVE FEEDER HOUSE



1. Lower feeder house.

2. Drive combine forward until feeder house is in place; raise feeder house.

NOTE: It may be necessary to loosen bolts in blocks to level platform with feeder house.

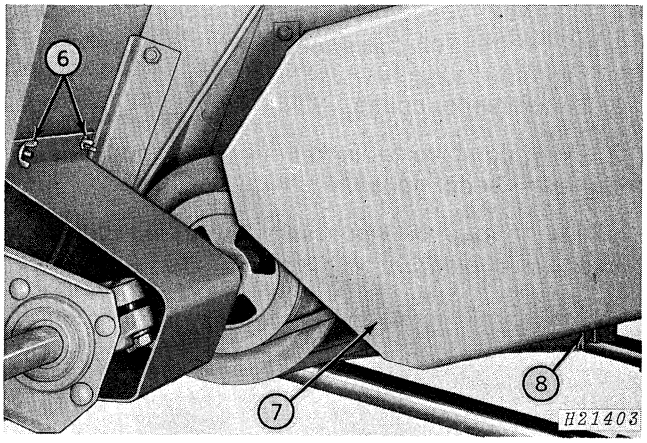


3. Lower hydraulic cylinder safety stop.

4. Secure feeder house to platform with four cap screws (two on each side of the feeder house).

5. Connect drive shafts with coupling and tighten four cap screws to 80 ft-lbs torque.

NOTE: It may be necessary to loosen bearing support so drive shaft will align.



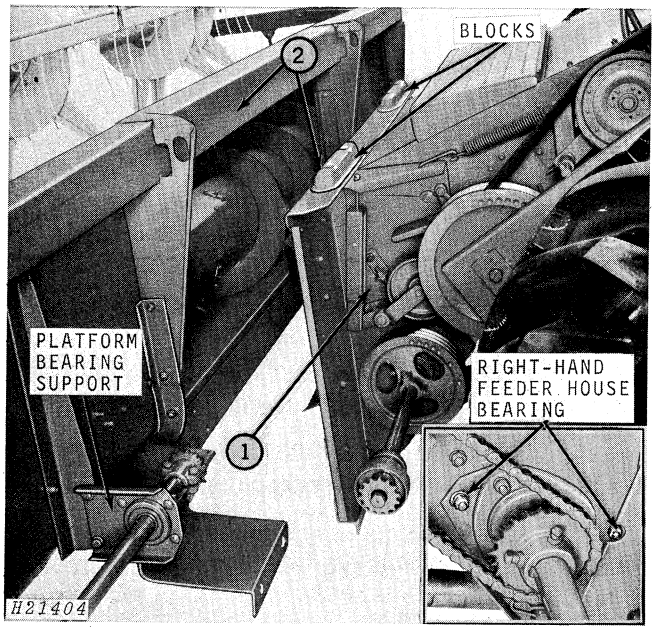
6. Raise safety shield and secure with two wing nuts.

7. Install shield.

8. Raise hydraulic cylinder safety stop and hook to chain.

NOTE: After the platform has been attached to the feeder house, check to be sure the platform is level as shown on page 15.

ATTACHING PLATFORM TO VARIABLE-BELT-DRIVE FEEDER HOUSE

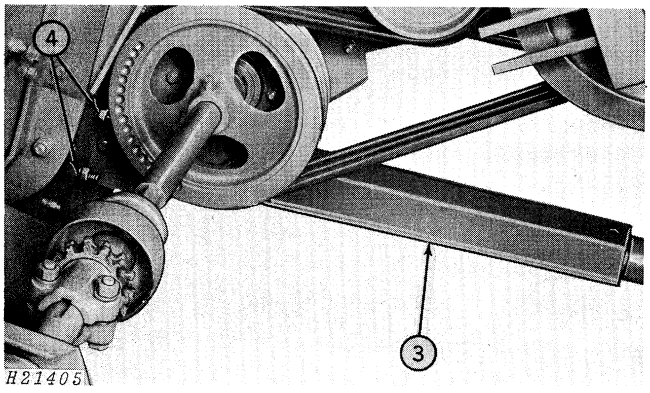


4400 Combine Illustrated

1. Lower feeder house.

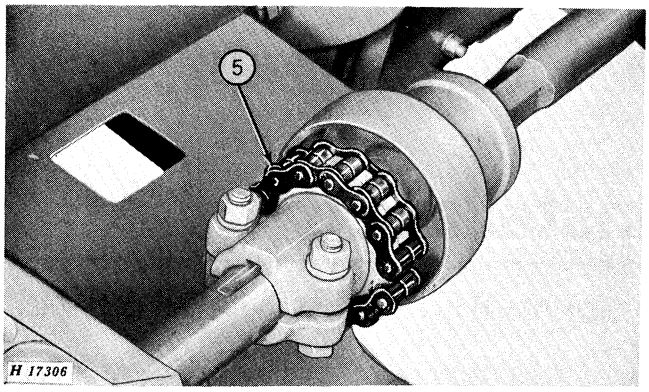
2. Drive combine forward until feeder house is in place; raise feeder house.

NOTE: It may be necessary to loosen bolts in blocks to level platform with feeder house.



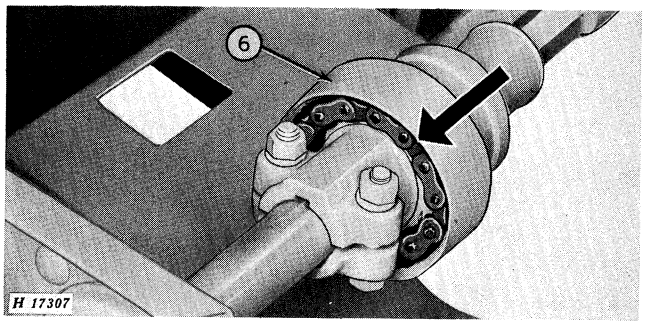
3. Lower hydraulic cylinder safety stop.

4. Secure feeder house to platform with four cap screws (two on each side of the feeder house).

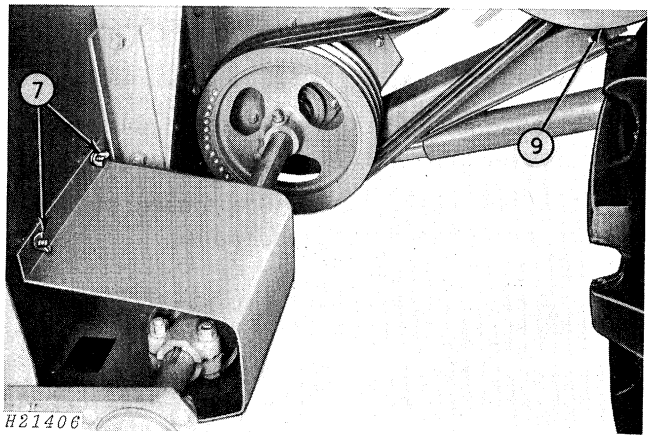


5. Place roller chain around sprockets.

NOTE: It may be necessary to loosen bearing supports on platform and on right-hand side of feeder house to align shafts.



6. Pull Quik-Tatch housing over roller chain and sprockets.



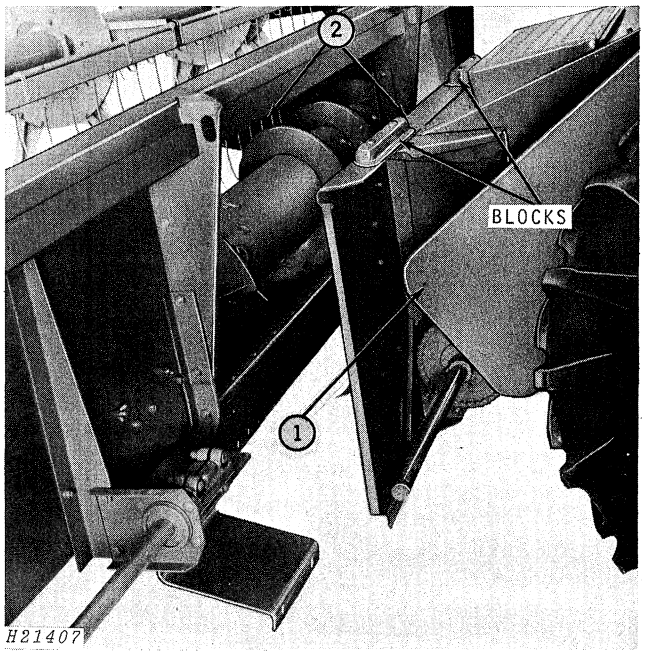
7. Raise safety shield and secure with two wing nuts.

8. Install right-hand coupler shield. See page 26.

9. Raise hydraulic cylinder safety stop and hook to chain.

NOTE: After the platform has been attached to the feeder house, check to be sure the platform is level as shown on page 15.

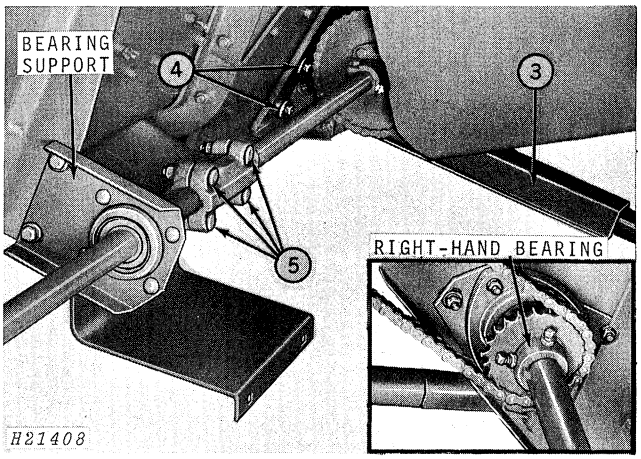
ATTACHING PLATFORM TO 3300 COMBINE FIXED-CHAIN-DRIVE FEEDER HOUSE



1. Lower feeder house.

2. Drive combine forward until feeder house is in place; raise feeder house.

NOTE: It may be necessary to loosen bolts in blocks to level platform with feeder house.

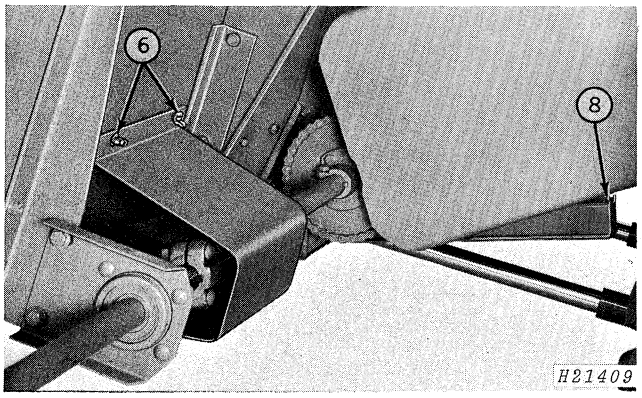


3. Lower hydraulic cylinder safety stop.

4. Secure feeder house to platform with four cap screws (two on each side of the feeder house).

5. Connect drive shafts with coupling and tighten four cap screws to 80 ft-lbs torque.

NOTE: It may be necessary to loosen bearing supports on platform and on right-hand side of feeder house to align shafts.



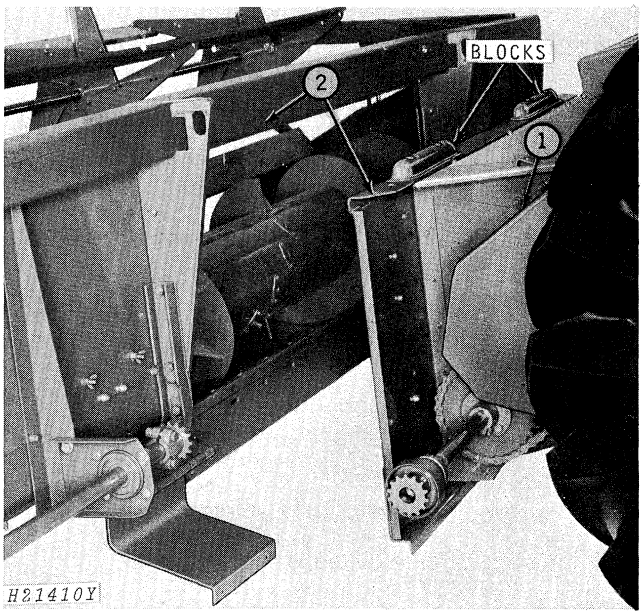
6. Raise safety shield and secure with two wing nuts.

7. Install right-hand coupler shield. See page 26.

8. Raise hydraulic cylinder safety stop and hook to chain.

NOTE: After the platform has been attached to the feeder house, check to be sure the platform is level as shown on page 15.

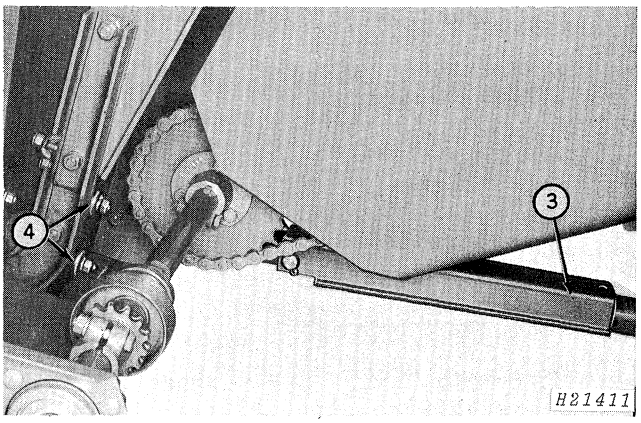
ATTACHING PLATFORM TO 4400 COMBINE FIXED-CHAIN-DRIVE FEEDER HOUSE



1. Lower feeder house.

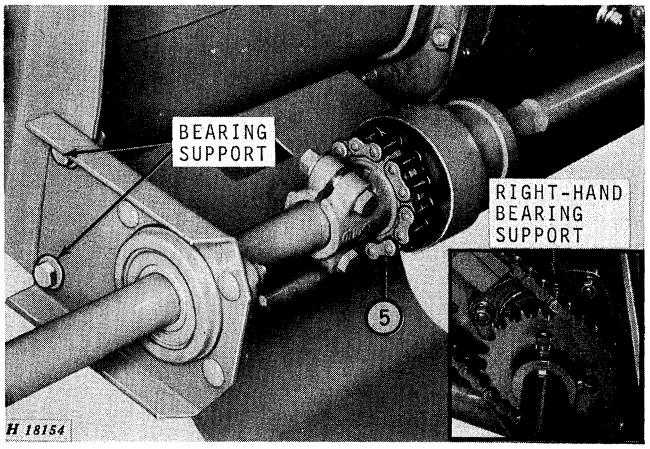
2. Drive combine forward until feeder house is in place; raise feeder house.

NOTE: It may be necessary to loosen bolts in blocks to level platform with feeder house.



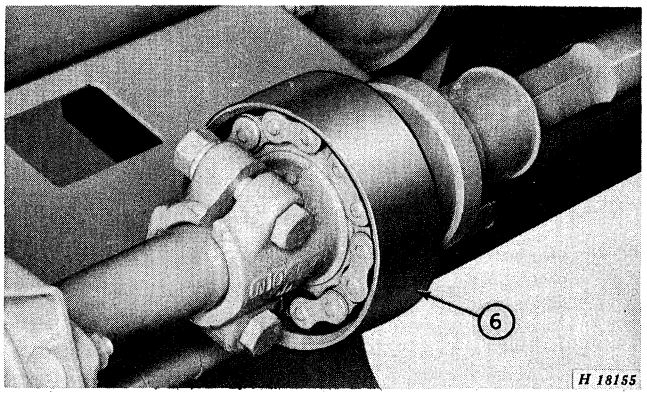
3. Lower hydraulic cylinder safety stop.

4. Secure feeder house to platform with four cap screws (two on each side of feeder house).

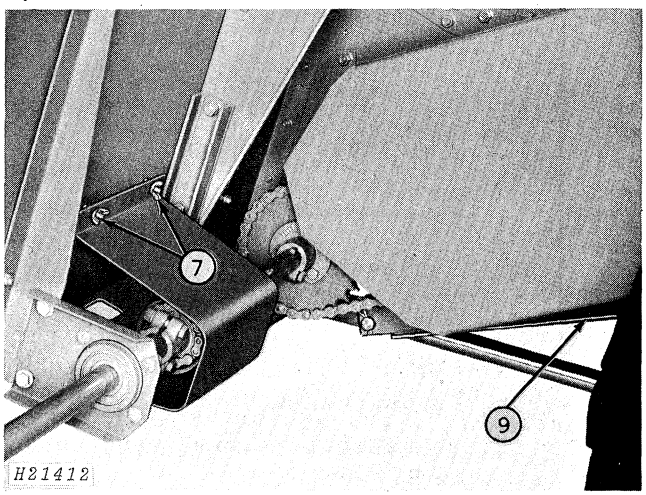


5. Place roller chain around sprockets.

NOTE: It may be necessary to loosen bearing supports on the platform and on the right-hand side of the feeder house to align shafts.



6. Pull Quik-Tatch housing over roller chain and sprocket.



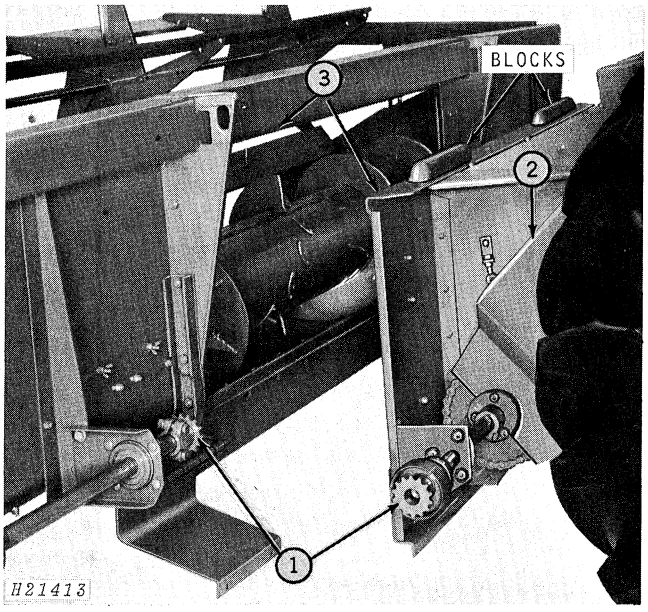
7. Raise safety shield and secure with wing nuts.

8. Install right-hand coupler shield. See page 26.

9. Raise hydraulic cylinder safety stop and hook to chain.

NOTE: After the platform has been attached to the feeder house, check to be sure the platform is level as shown on page 15.

ATTACHING PLATFORM TO 45, 55, 95, and 105 COMBINES EQUIPPED WITH INTERMEDIATE FEEDER HOUSE

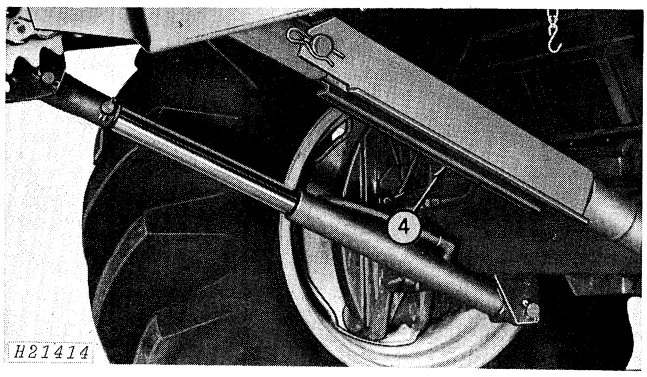


1. Attach platform coupler half to platform drive shaft. Remove snap ring from feeder house lower shaft, slide feeder house coupler half on shaft, and install snap ring.

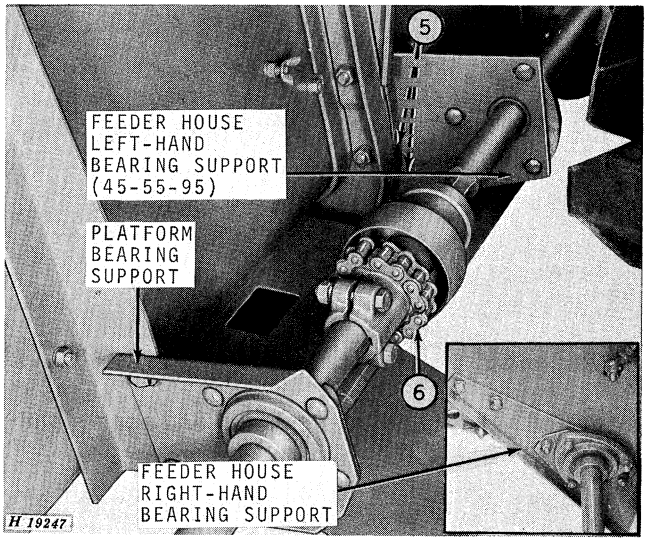
2. Lower feeder house.

3. Drive combine forward until feeder house is in place; raise feeder house.

NOTE: Add or remove shims under blocks to insure proper fit.



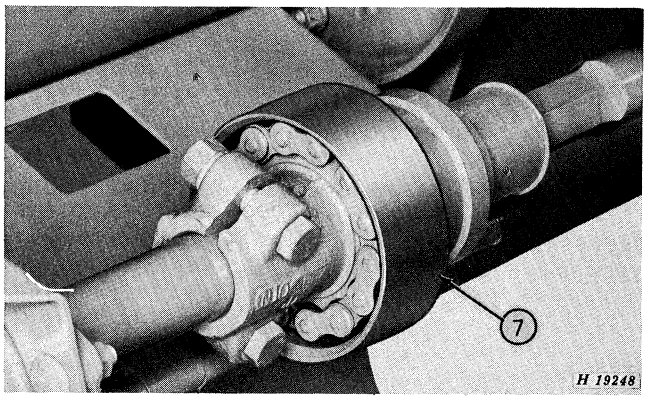
4. Lower hydraulic cylinder safety stop.



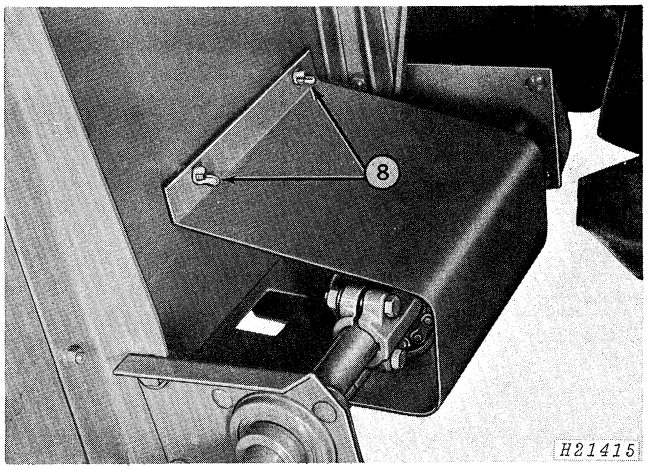
5. Secure feeder house to platform with four cap screws (two on each side of feeder house).

6. Place roller chain around sprockets.

NOTE: It may be necessary to loosen bearing supports on platform, left-hand end of feeder house front sheet (45, 55, and 95 combines only), and on right-hand side of the feeder house to align shafts.

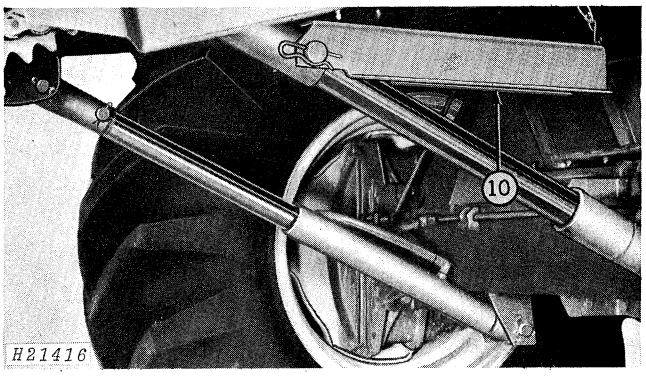


7. Pull Quik-Tatch housing over roller chain and sprockets.



8. Raise left-hand safety shield and secure with wing nuts.

9. Install right-hand coupler shield. See right-hand column.

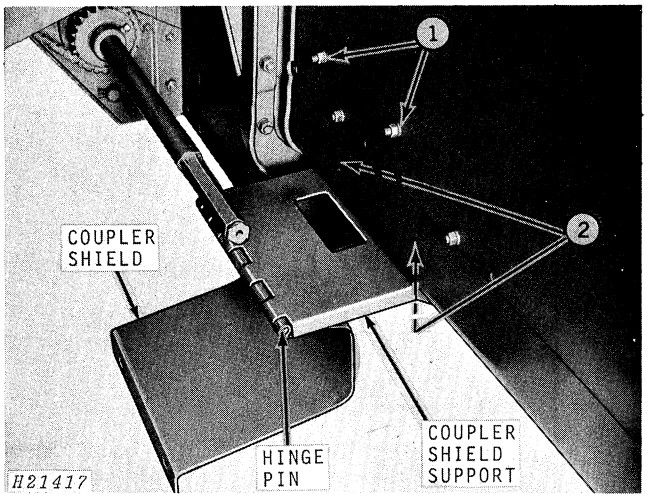


10. Raise hydraulic cylinder safety stop and hook to chain.

NOTE: After platform has been attached to the feeder house, check to be sure the platform is level as shown on page 15.

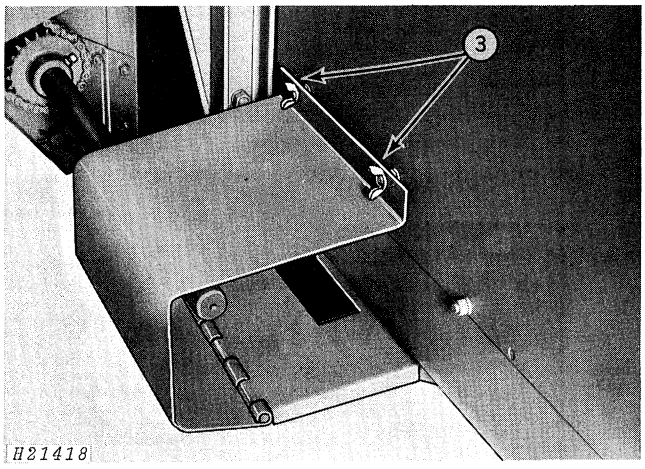
RIGHT-HAND COUPLER SHIELD

When installing platform on a feeder house with the lower shaft extended on the right-hand side, it will be necessary to install the right-hand coupler shield.



1. Remove and discard existing hardware. Replace with two 3/8 x 1-1/4-inch cap screws.

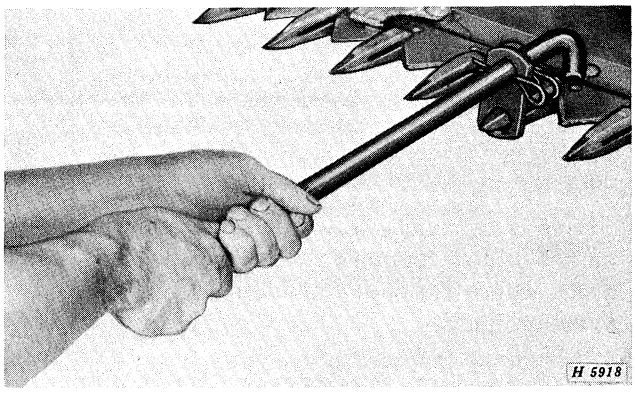
2. Remove and discard existing hardware. Attach coupler shield support, using two 3/8 x 3/4-inch carriage bolts.



3. Raise coupler shield and secure with two wing nuts.

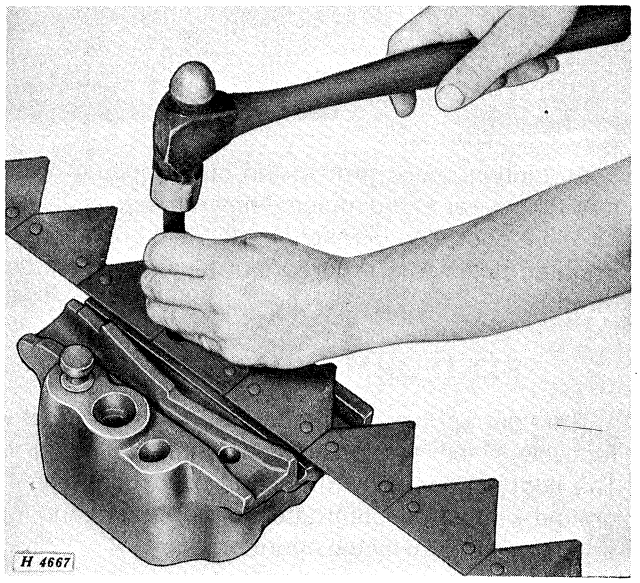
Attachments

CUTTER BAR GUARD STRAIGHTENER



This straightener provides a fast, easy, and simple method of aligning the guard with the knife. It consists of a leverage bar equipped with an adjustable link to fit over the guard points.

GUARD AND KNIFE REPAIR BLOCK

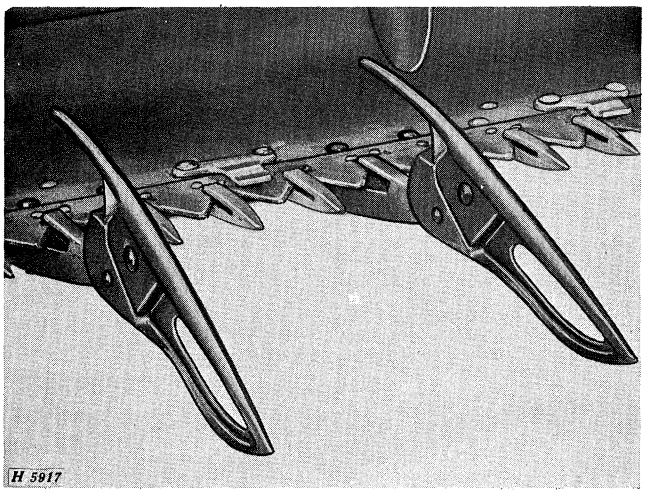


This convenient block, which fits any knife, makes a quick, easy job of replacing sections and straightening knives.

CHROMED KNIFE AND SECTIONS

Chromed knife and sections will stay cleaner, not gum up, or rust. Zinc plated rivets are recommended for fastening the sections.

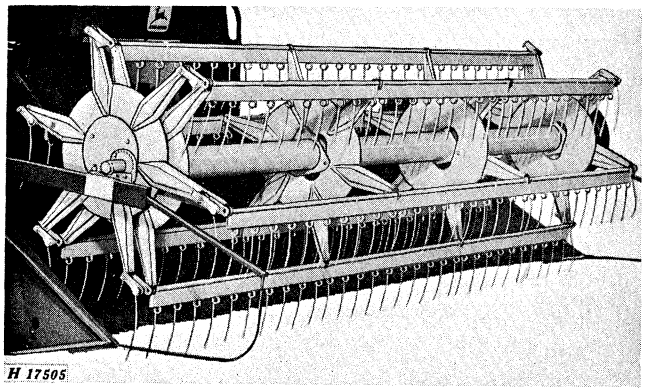
LIFTING GUARDS



Special lifting guards are available to assist in raising down-and-tangled crops so they can be readily cut and delivered to the platform auger.

Guards should be spaced every 12 inches along the length of the cutter bar for maximum efficiency.

PICKUP REEL

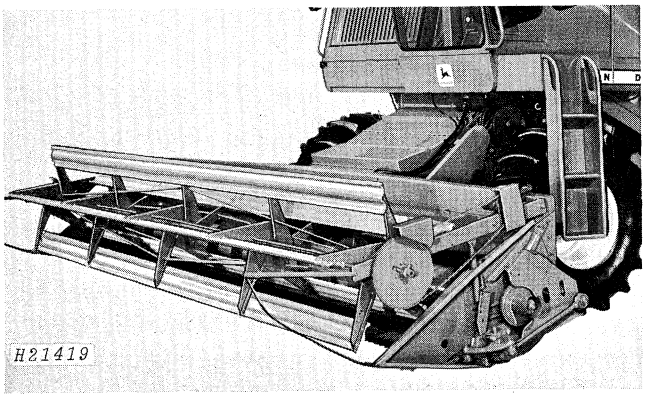


A pickup reel is available for 10- through 22-foot cutting platforms. This reel is designed to be used in crops that are down and badly tangled.

WOOD SLAT REEL

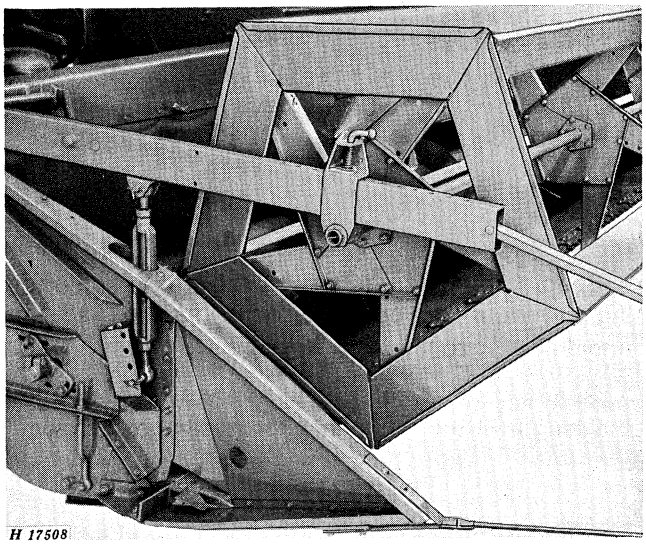
A wood slat reel is available for 10- through 20-foot cutting platforms.

METAL SLAT REEL



A metal slat reel is available for 16-foot cutting platforms and larger.

REEL END SHIELDS



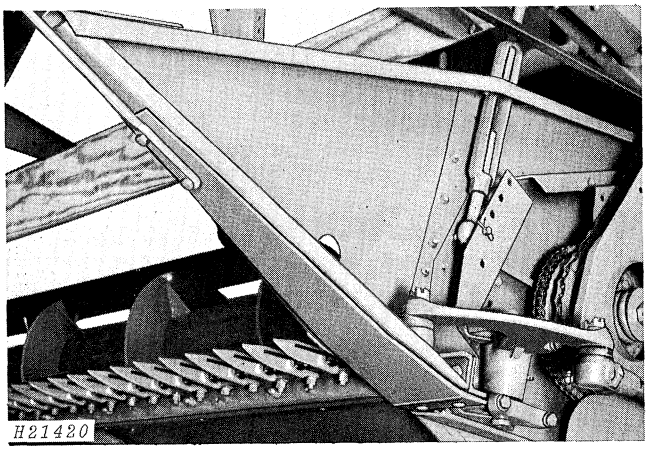
Reel end shields are available to reduce the possibility of straw winding and being carried around the reel.

BELT PICKUPS

The 88-, 110-, and 132-inch belt pickup attachments are available for use when the windrow pickup method of harvest is followed. The pickups are lightweight and can be quickly and easily attached and detached.

Pickups are available with either a fixed-belt drive or a hydrostatic motor drive. (3300, 4400, 6600 and 7700 Combines).

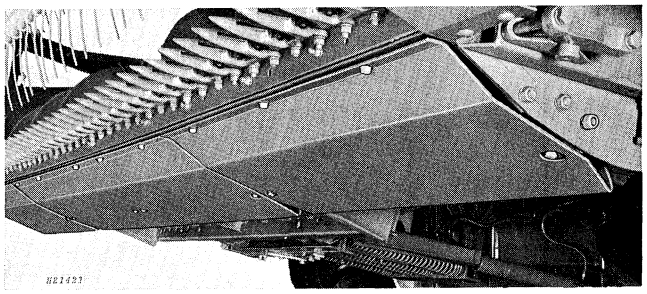
PLATFORM DIVIDER SKID SHOES



Divider skid shoes protect the cutting platform dividers from wear and damage.

This is especially true when operating in rocky or abrasive field conditions, or in down-and-tangled crops where the cutting platform must be kept close to the ground.

PLATFORM BOTTOM PROTECTION PLATES



Protection plates protect the cutting platform bottom from wear and damage. They are especially useful when operating in rough, rocky field conditions, or irrigated fields where borders or levees are encountered.

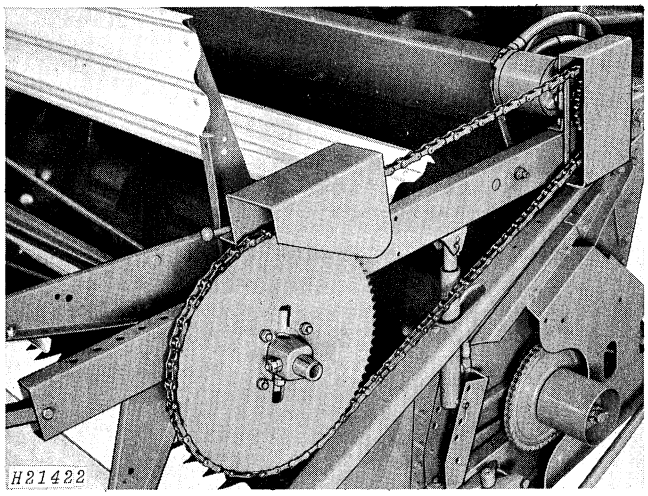
PLATFORM FLOAT SPRINGS

The float spring attachment can be used most effectively when combining down-and-tangled crops. The float springs allow the platform to skim over the ground without constant attention of raising and lowering the platform by the operator.

Together with the special protective plates for the platform, difficult combining can be made easy.

HYDROSTATIC DRIVE REEL

(3300, 4400, 6600 and 7700 Combines)



The hydrostatic drive reel attachment makes it possible to change the speed of the reel from the operator's platform.

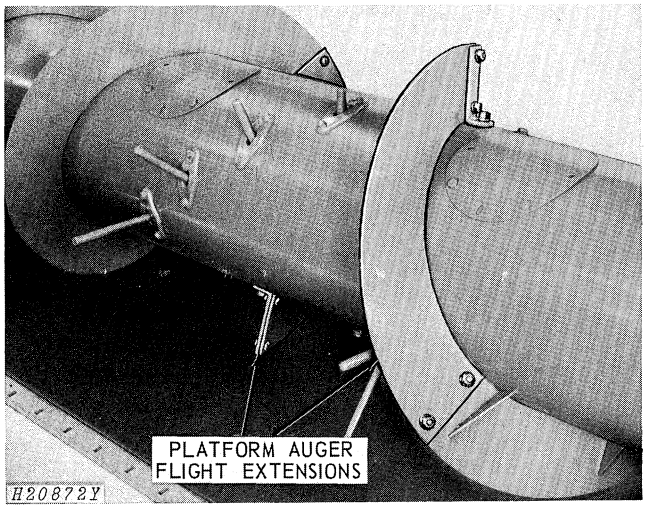
When crop conditions necessitate changing the ground speed, the reel speed can easily be changed to correspond. By being able to vary the speed of the reel, maximum efficiency in bringing the crop to the cutter bar is obtained.

HYDRAULIC LIFT REEL

The hydraulic lift reel attachment enables the operator to raise or lower the reel from the operator's seat.

When the crop is high in some places, and low or down-and-tangled in other places, the operator can raise or lower the reel accordingly without leaving the operator's platform and without the use of tools.

PLATFORM AUGER FLIGHT EXTENSION

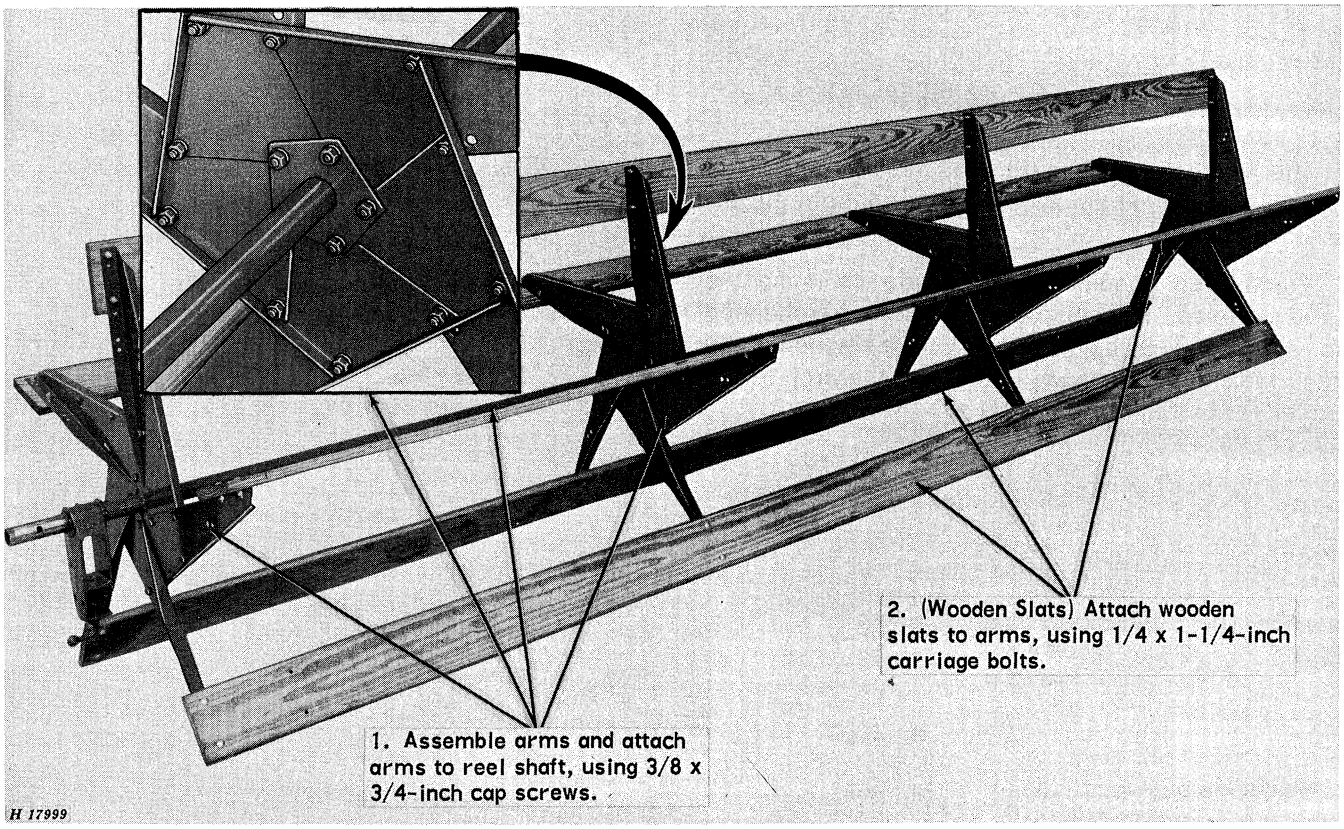


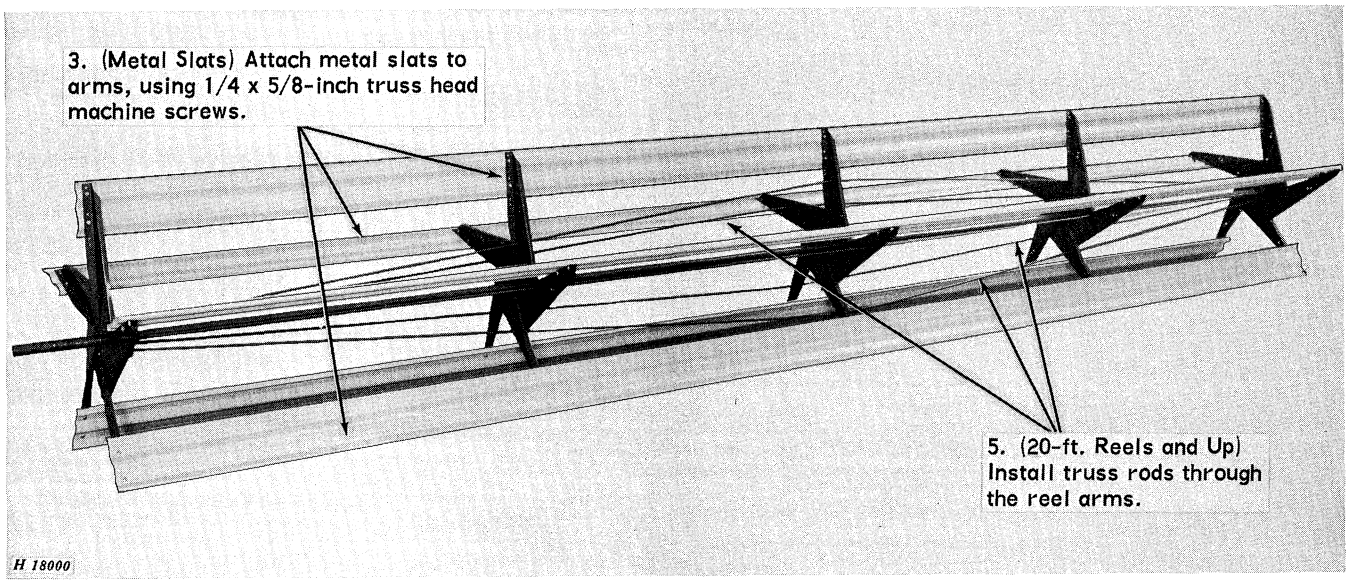
Auger flight extensions are recommended for use in a short, slick straw condition. The extensions help convey material closer to the center of the feeder house for even feeding to the cylinder.

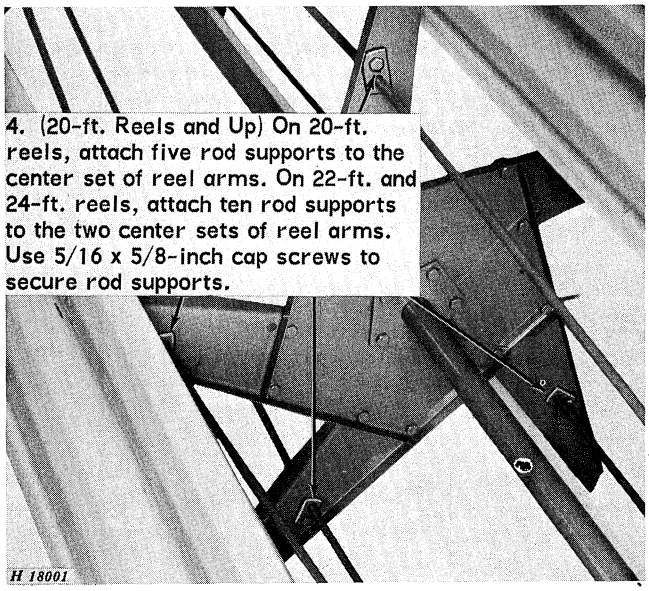
Assembly

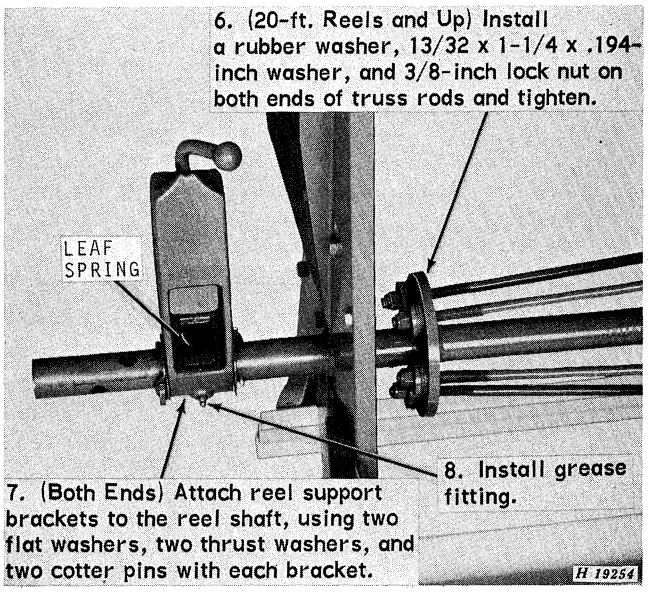
REEL

The following instructions are for the slat reel. Instructions for the pickup reel are included with it.



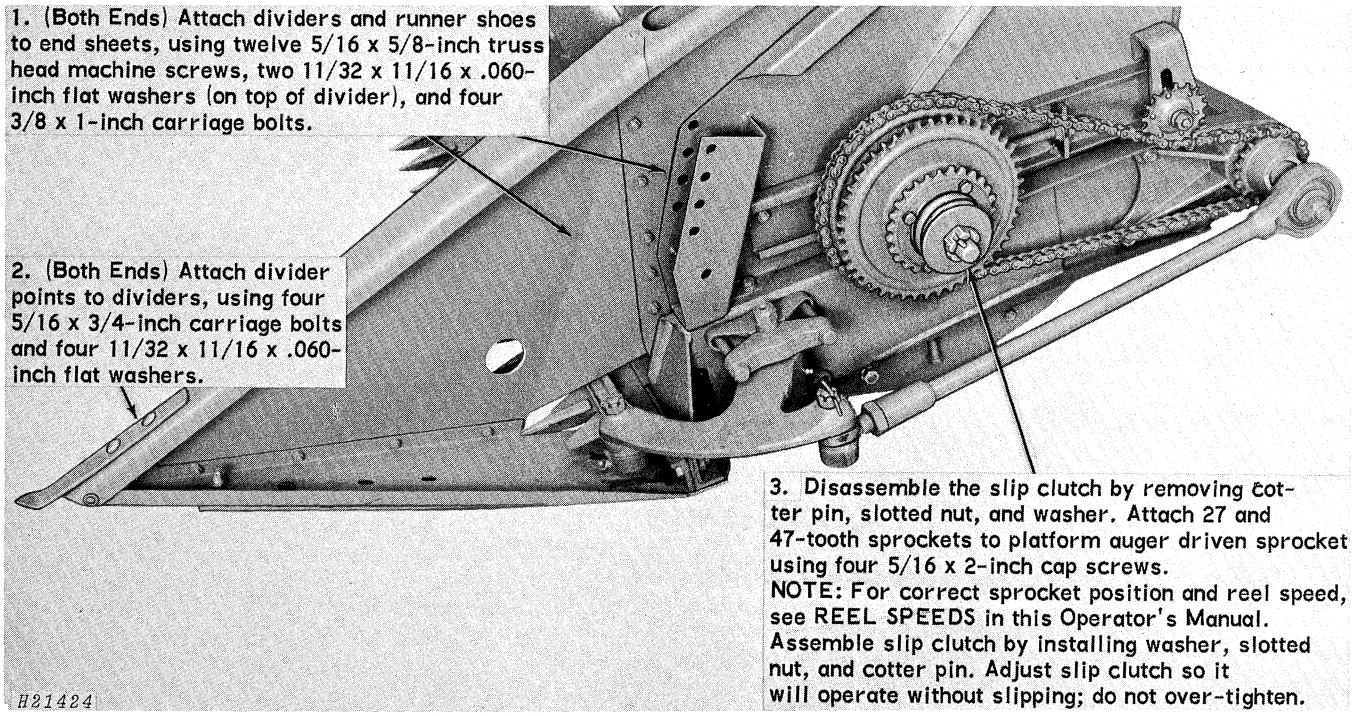

3. (Metal Slats) Attach metal slats to arms, using 1/4 x 5/8-inch truss head machine screws.
5. (20-ft. Reels and Up) Install truss rods through the reel arms.
H 18000

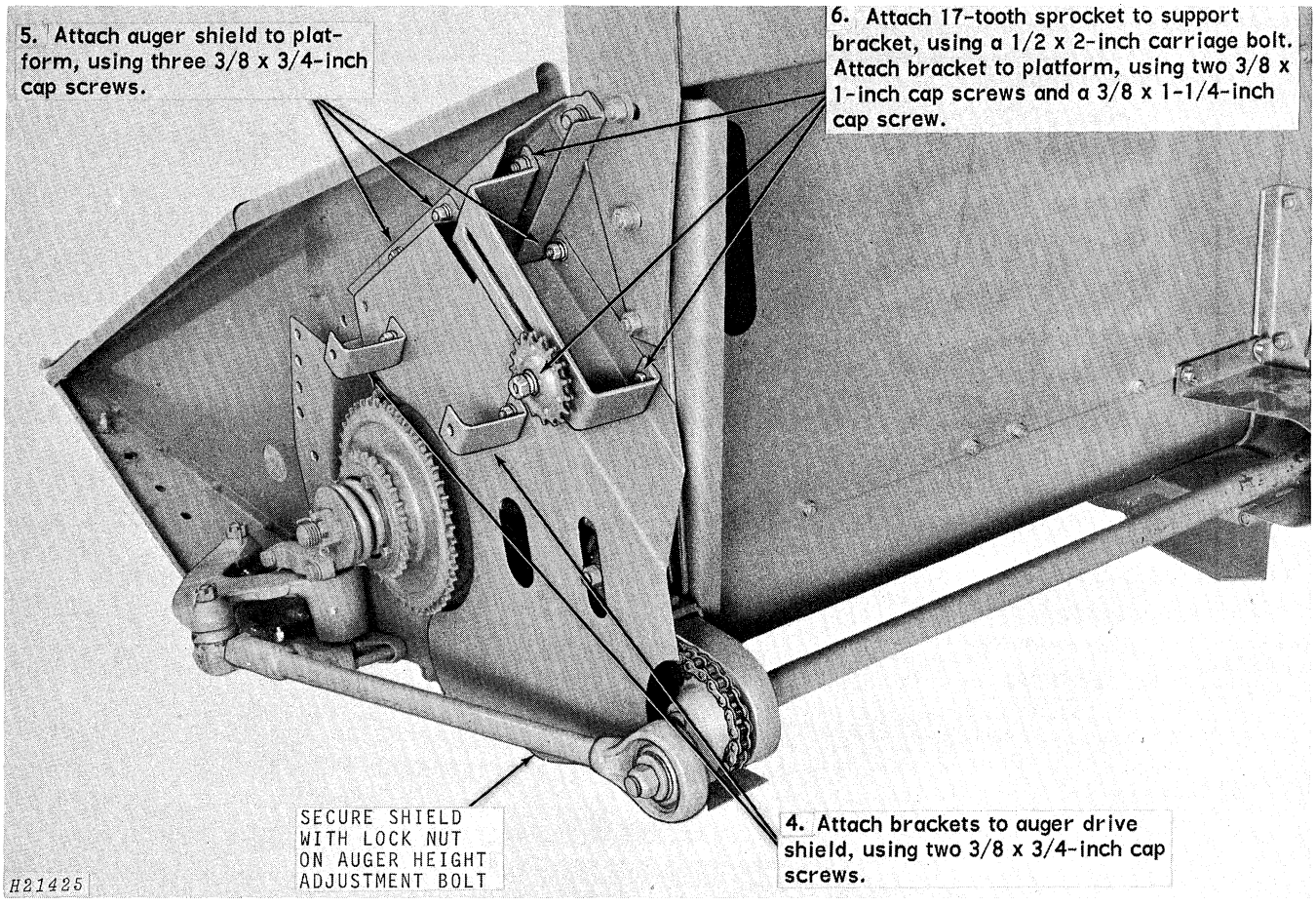

4. (20-ft. Reels and Up) On 20-ft. reels, attach five rod supports to the center set of reel arms. On 22-ft. and 24-ft. reels, attach ten rod supports to the two center sets of reel arms. Use 5/16 x 5/8-inch cap screws to secure rod supports.
H 18001

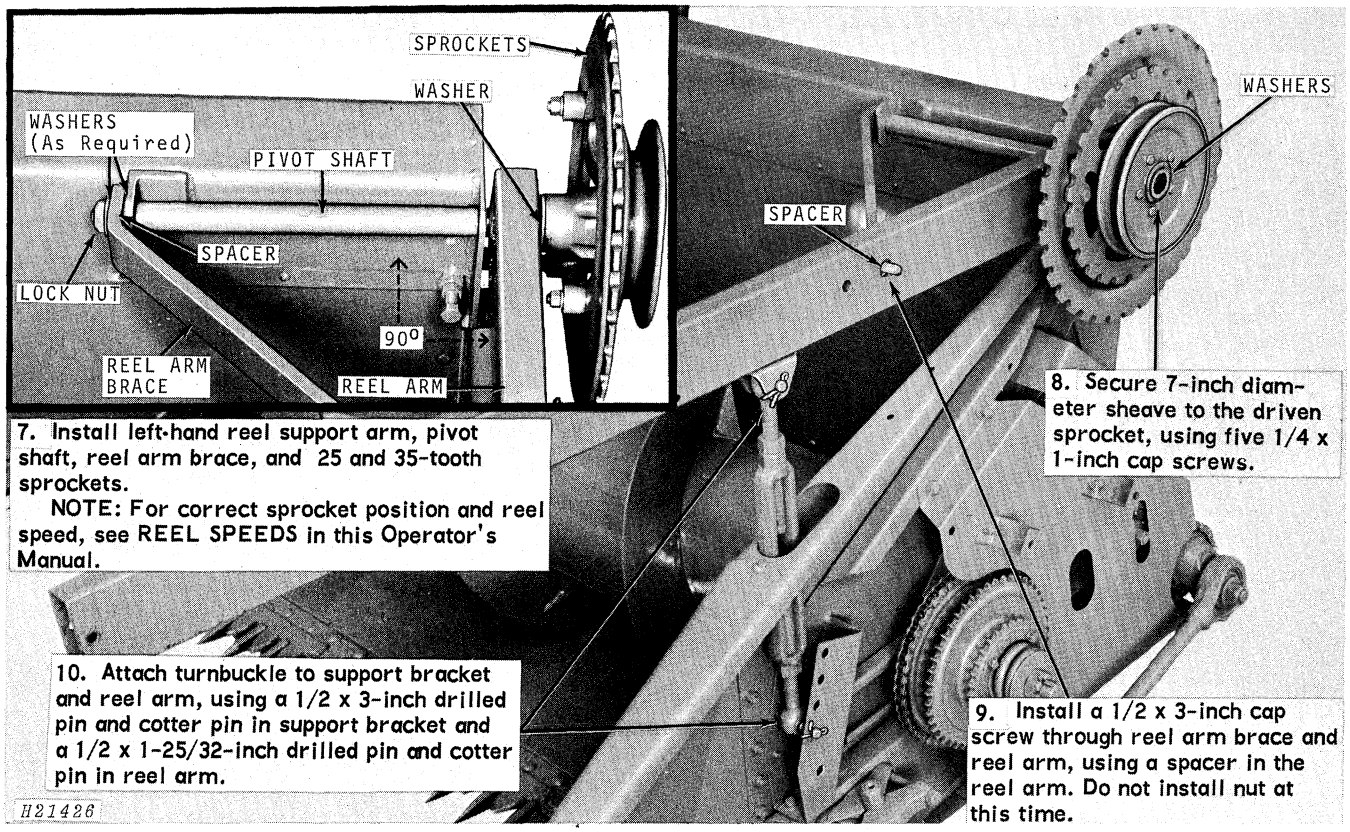

6. (20-ft. Reels and Up) Install a rubber washer, 13/32 x 1-1/4 x .194-inch washer, and 3/8-inch lock nut on both ends of truss rods and tighten.
LEAF SPRING
8. Install grease fitting.
7. (Both Ends) Attach reel support brackets to the reel shaft, using two flat washers, two thrust washers, and two cotter pins with each bracket.
H 19254

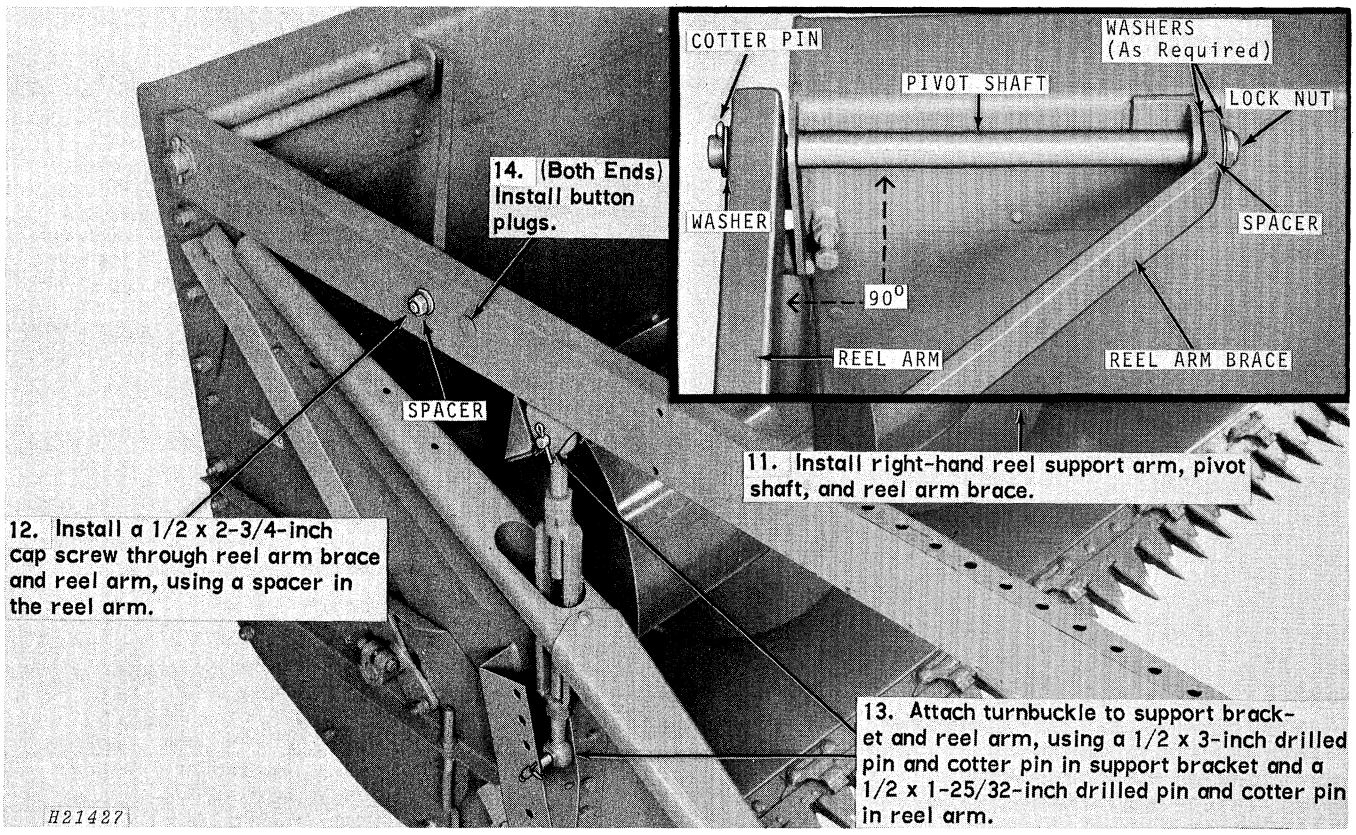
DIVIDERS, RUNNER SHOES, AND REEL SUPPORT ARMS

The following instructions are for the mechanical lift reel. Instructions for the hydraulic lift reel are included with it.



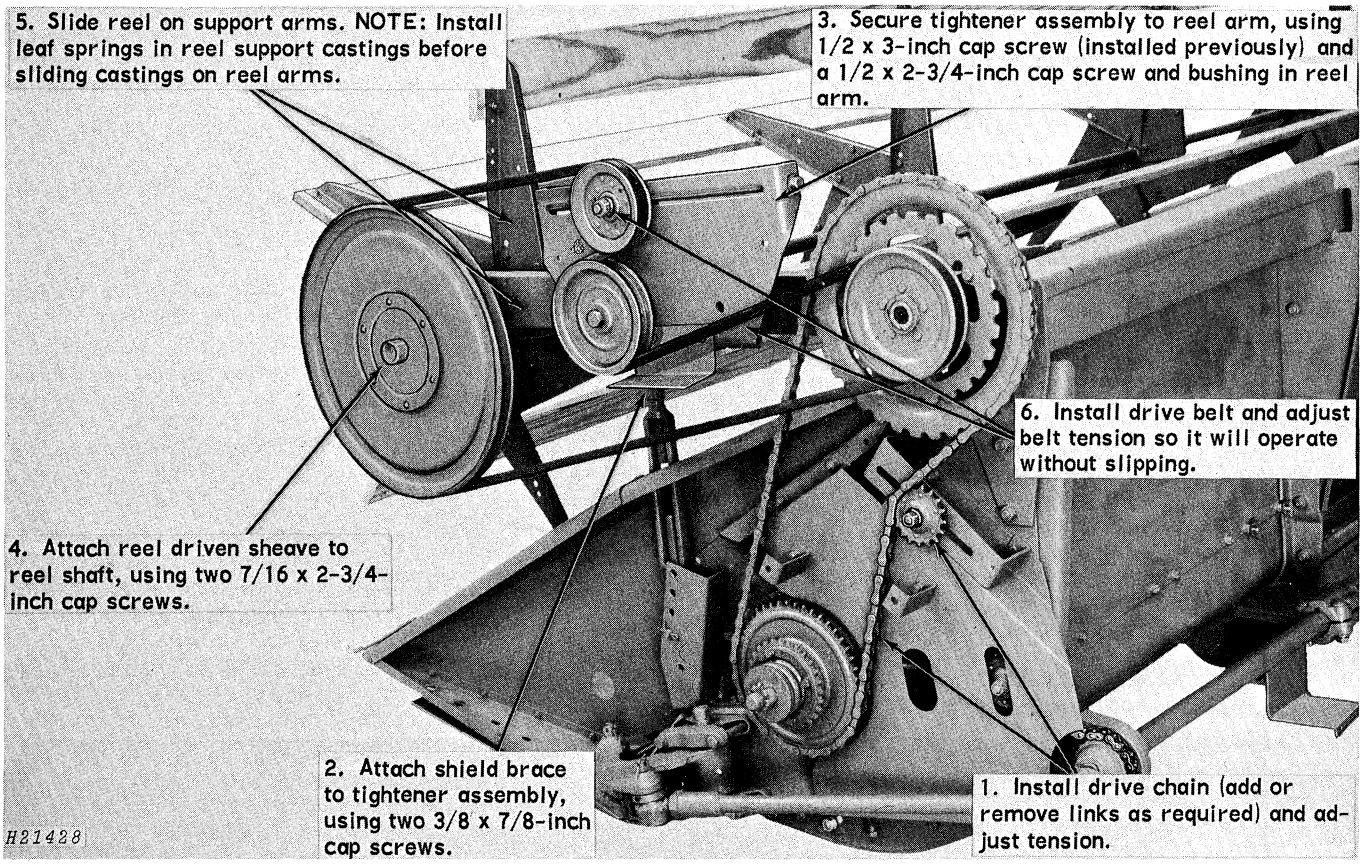


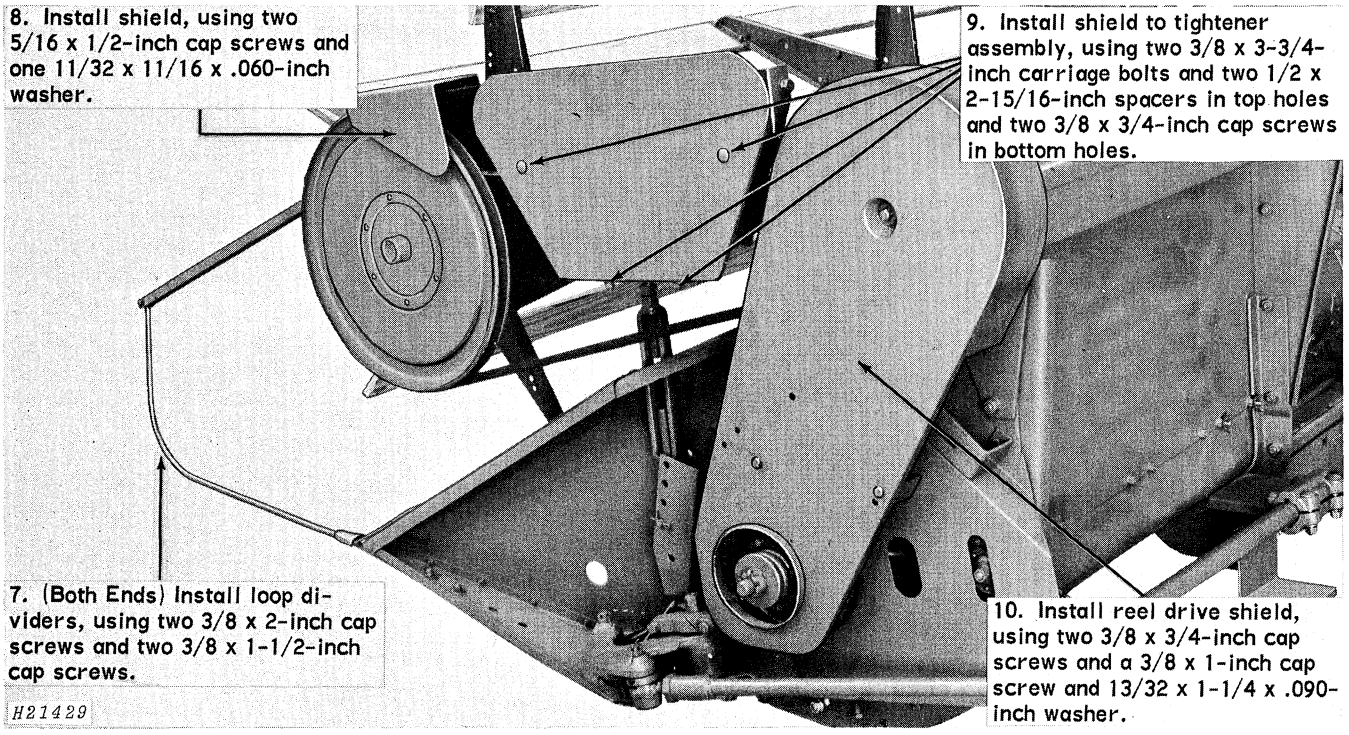

SPROCKETS
WASHER
WASHERS (As Required)
PIVOT SHAFT
SPACER
LOCK NUT
90°
REEL ARM BRACE
REEL ARM
WASHERS
SPACER
7. Install left-hand reel support arm, pivot shaft, reel arm brace, and 25 and 35-tooth sprockets.
NOTE: For correct sprocket position and reel speed, see REEL SPEEDS in this Operator's Manual.
8. Secure 7-inch diameter sheave to the driven sprocket, using five 1/4 x 1-inch cap screws.
10. Attach turnbuckle to support bracket and reel arm, using a 1/2 x 3-inch drilled pin and cotter pin in support bracket and a 1/2 x 1-25/32-inch drilled pin and cotter pin in reel arm.
9. Install a 1/2 x 3-inch cap screw through reel arm brace and reel arm, using a spacer in the reel arm. Do not install nut at this time.
H21426


COTTER PIN
WASHERS (As Required)
PIVOT SHAFT
LOCK NUT
WASHER
SPACER
90°
REEL ARM
REEL ARM BRACE
14. (Both Ends) Install button plugs.
SPACER
11. Install right-hand reel support arm, pivot shaft, and reel arm brace.
12. Install a 1/2 x 2-3/4-inch cap screw through reel arm brace and reel arm, using a spacer in the reel arm.
13. Attach turnbuckle to support bracket and reel arm, using a 1/2 x 3-inch drilled pin and cotter pin in support bracket and a 1/2 x 1-25/32-inch drilled pin and cotter pin in reel arm.
H21427

REEL DRIVE, REEL, LOOP DIVIDERS, AND SHIELDS

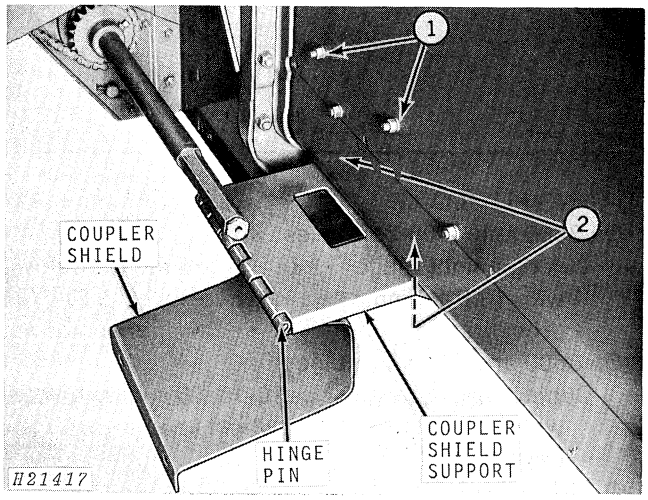
The following instructions are for mechanical drive reel. Instructions for the hydrostatic drive reel are included with it.





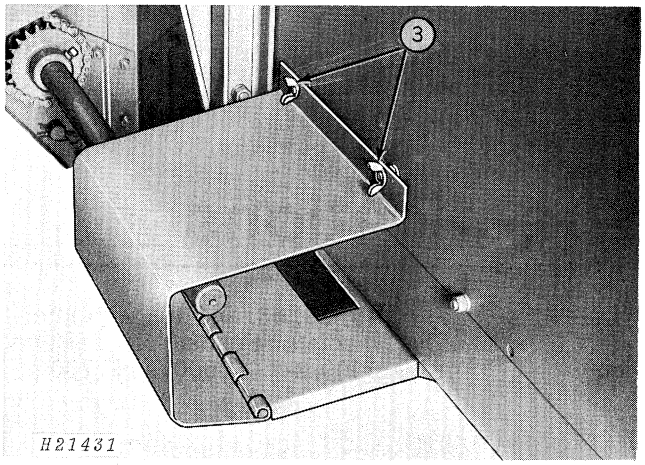
RIGHT-HAND COUPLER SHIELD

When installing platform on a feeder house with the lower shaft extended on the right-hand side, it will be necessary to install the right-hand coupler shield.



1. Remove and discard existing hardware. Replace with two 3/8 x 1-1/4-inch cap screws.

2. Remove and discard existing hardware. Attach coupler shield support, using two 3/8 x 3/4-inch carriage bolts.



3. Raise coupler shield and secure with two wing nuts.

Specfications

COMBINES . . . . . 45, 55, 95, and 105 with Intermediate Feeder House and 3300, 4400, 6600, and 7700

PLATFORM WIDTH . . . . . 10- through 24-ft.

CUTTER BAR
- Length . . . . . 6 inches less than platform width
- Type of knife sections . . Heavy-duty over-serrated

REEL
- Number of slats 5
- Diameter of reel . . . . . 40 inches
- Height control . . . . . Manual or hydraulic

CUTTING PLATFORM AUGER
- Diameter . . . . . 20 inches
- Type of auger fingers . . . . . Round retracting

(Specifications and design subject to change without notice.)

CUTTING PLATFORM
- On 3300 and 4400 Combines
  - Cutting height range . . . . . 5-3/8 inches below wheel level to 40-7/8 inches above with 16.9-26 main drive tires
- On 6600 and 7700 Combines
  - Cutting height range . . . 10-13/16 inches below wheel level to 46-5/16 inches above with 23.1-26 main drive tires
- On 45 Combine
  - Cutting height range . . . . . 3-1/2 inches below wheel level to 29-3/4 inches above with 16.9-26 main drive tires
- On 55, 95, and 105 Combines
  - Cutting height range . . . . . 3-1/2 inches below wheel level to 32-1/4 inches above with 23.1-26 main drive tires
- Height control . . . . . Hydraulic (two cylinders)

BELT PICKUP PLATFORM
- Width . . . . . 13 or 14 feet

SERIAL NUMBERS

Your platform has a serial number located on the right-hand side sheet.

When ordering parts, always bring with you the serial number as given on the serial number plate. By doing so, you will assist your John Deere dealer in giving you prompt, efficient service.

For your convenience, a space is provided below for recording your serial number.

Platform Serial No._____

Date Purchased_____

(To be filled in by purchaser)

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MEMORANDA

MEMORANDA

MEMORANDA

JOHN DEERE QUIK-TATCH PLATFORMS

PREDELIVERY CHECK LIST

Inspect the platform thoroughly after it is completely assembled to be sure it is in good running order before delivering it to the customer. The following check list is a reminder of points to inspect. Check off each item as it is found satisfactory or after proper adjustment is made.

- ☐ Look the platform over carefully and remove all tools.
- ☐ Be sure all sheaves are in alignment. Check tension of belts.
- ☐ Check all chains for proper installation, alignment, and adjustment.
- ☐ Check all bolts and nuts to be sure they are tight.
- ☐ Reel must be level and centered between platform sides. Reel support arms must be square with platform top beam.
- ☐ Check the register of the knife. Sections must pass the same distance through adjacent guards.
- ☐ Check alignment of the guards. Set guards up or down as necessary.
- ☐ Check for clearance between retracting fingers and platform bottom. If necessary, adjust so fingers will not gouge into platform bottom.
- ☐ Check for equal clearance between end finger bearings and finger cranks, adjust if necessary.

OWNER REGISTER

Name_____

Post Office_____

County_____ State_____

Platform Serial No._____

Date Purchased_____

- ☐ Platform cutter bar must be level and parallel with the front axle tube.
- ☐ Check, and if necessary, lubricate all lubrication points. (See lubrication charts.)
- ☐ Check to be sure right-hand coupler shield is installed on feeder houses with lower shaft extended on right-hand side.
- ☐ Deliver the operator's manual to the purchaser. Explain the safe operation and adjustments and service of this machine as outlined in the operator's manual.
- ☐ Remove this predelivery check list and retain for future reference.

I have performed the above predelivery service to the best of my ability.

Date_____

Name_____

(Signature of Serviceman)

Insert for OM-H84062 Issue K1 Litho in U.S.A.

SHIPPING BUNDLES

Bundle No.	Description
BH 75552	Platform, Cutting, 10-Ft.
BH 75555	Platform, Cutting, 13-Ft.
BH 75554	Platform, Belt Pickup, 13-Ft.
BH 75557	Platform, Cutting, 14-Ft.
BH 75556	Platform, Belt Pickup, 14-Ft.
BH 75558	Platform, Cutting, 15-Ft.
BH 75559	Platform, Cutting, 16-Ft.
BH 75561	Platform, Cutting, 18-Ft.
BH 75562	Platform, Cutting, 20-Ft.
BH 75563	Platform, Cutting, 22-Ft.
BH 75564	Platform, Cutting, 24-Ft.
H 25385	* Reel Slats - (Wood) - 10-Ft. (5 used)
H 24049	* Reel Slats - (Wood) - 13-Ft. (5 used)
H 22818	* Reel Slats - (Wood) - 14-Ft. (5 used)
H 62942	* Reel Slats - (Wood) - 15-Ft. (5 used)
H 22819	* Reel Slats - (Wood) - 16-Ft. (5 used)
H 79258	* Reel Slats - (Metal) - 16-Ft. (5 used)
H 22820	* Reel Slats - (Wood) - 18-Ft. (5 used)
H 79259	* Reel Slats - (Metal) - 18-Ft. (5 used)
H 28027	* Reel Slats - (Wood) - 20-Ft. (5 used)
H 79260	* Reel Slats - (Metal) - 20-Ft. (5 used)
H 79261	* Reel Slats - (Metal) - 22-Ft. (5 used)
H 79262	* Reel Slats - (Metal) - 24-Ft. (5 used)
AH 77185	* Reel Pipe, 10-Ft.
AH 75951	* Reel Pipe, 13-Ft.
AH 77188	* Reel Pipe, 14-Ft.
AH 77184	* Reel Pipe, 15-Ft.
AH 77189	* Reel Pipe, 16-Ft.
AH 77190	* Reel Pipe, 18-Ft.
AH 77186	* Reel Pipe, 20-Ft.
AH 77187	* Reel Pipe, 22-Ft.
AH 77183	* Reel Pipe, 24-Ft.

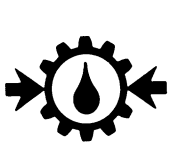
Bundle No.	Description
BH 75180	* Reel Arms (Wood Slats) - 10-Ft.
BH 75026	* Reel Arms (13-through 16-Ft.) (Wood Slats) (2 used)
BH 75179	* Reel Arms (16-Ft.) (Metal Slats) (2 used)
BH 75026 and BH 75180	* Reel Arms (18- and 20-Ft.) (Wood Slats)
BH 75027 and BH 75179	* Reel Arms (18- and 20-Ft.) (Metal Slats)
BH 75027	* Reel Arms (22-Ft.) (Metal Slats) (2 used)
BH 75027	* Reel Arms (24-Ft.) (Metal Slats) (2 used)
BH 75091	* Truss Rod Parts, 20-Ft.
BH 75103	* Truss Rods, 20-Ft.
BH 75092	* Truss Rod Parts, 22-Ft.
BH 75104	* Truss Rods, 22-Ft.
BH 75092	* Truss Rod Parts, 24-Ft.
BH 75105	* Truss Rods, 24-Ft.
BH 75183	Reel Support Arms
BH 75028	Reel Support
BH 60118	Fixed Reel Drive Parts
BH 75517	Fixed Reel Drive Parts
BH 75518	Fixed Reel Drive
BH 60621	Divider Points
AH 62583	Loop Dividers (2 used)
BH 75476	Right-hand Coupler Shield - Required only when platform is attached to an Intermediate Feeder House or a Corn Feeder House.

* *Not required when combine is to be equipped with pickup reel.*

NOTE: Installation instructions are included with pickup reel.

WORLDWIDE SYMBOLS FOR OPERATOR CONTROLS

Symbols instead of words; that's what John Deere is using to promote worldwide identification of operator controls. Once standardized, they give a quick, positive message anywhere in the world — without translation. Study the symbols below and learn to recognize them at a glance.



TRANSMISSION OIL PRESSURE



TRANSMISSION OIL TEMPERATURE



TRANSMISSION OIL FILTER



ENGINE OIL PRESSURE



ENGINE R P M



WATER TEMPERATURE



PRESSURIZED–OPEN SLOWLY



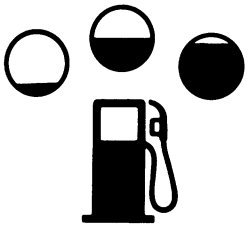
AIR FILTER



CHOKE



AMMETER OR GENERATOR LIGHT



FUEL



FUEL SHUTOFF



SPEED RANGE



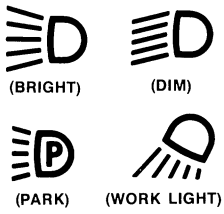
NEUTRAL



PARK



HAND BRAKE



LIGHTS



ALL MECHANISMS



GROUND SPEED



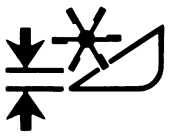
UNLOADING AUGER



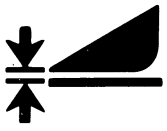
PLATFORM



REEL SPEED



REEL HEIGHT



PLATFORM HEIGHT



FAN



CYLINDER SPEED



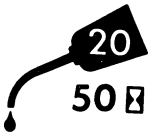
CONCAVE ADJUSTMENT



HOURS



GREASE FREQUENCY



OIL TYPE AND FREQUENCY

X-2172