

2 AND 3 ROW ROW-CROPS



JOHN DEERE

OPERATORS MANUAL

2 AND 3 ROW
ROW-CROPS

OME75682 J5 English

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ENGLISH



Introduction



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.

Your warranty appears on your copy of the purchase order copy which you should have received from your dealer.

Measurements are shown with the respective Metric equivalents throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.

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

Record the identification number(s) in the space provided following Specifications. Accurately record all of the characters because (should the machine be stolen) tracing is sometimes through a computer match of letters and numbers. Also, your dealer needs this information when ordering parts. If you carry your operator's manual on the machine for reference, be sure to also record the identification number(s) on a separate sheet of paper and file it in a secure place not on the machine so you will still have a record in case the machine is stolen.



Contents

	Page		Page
Safety	2	Service	
Attaching and Detaching		Bolt Torque Charts	33
Rear Ballast Weight		Practice Safety	34
(Self-Propelled Forage Harvesters)	6	Adjusting Harvesting Unit Main Drive Chain ..	34
Selecting Drive Sprocket	6	Replacing Knife Bearings	34
Installing Drive Sprocket and Idler	6	Adjusting Knife Clearance	35
Adjusting Straps and Filler Angles		Adjusting Slip Clutch	36
(Two-Row)	7	Replacing Gatherer Belts	36
Attaching Row-Crop to Harvester		Adjusting Gatherer Feed Roll Drive Chain	
(Self-Propelled Forage Harvesters)	7	(Two-Row)	37
Attaching Row-Crop to Harvester		Adjusting Gatherer Chains	
(Pull-Type Forage Harvesters)	8	(Two-Row)	37
After Attaching Row-Crop	10	Adjusting Knife Register	
Detaching Row-Crop From Harvester	10	(Two-Row)	38
Transporting	11	Removing Knife Assembly	38
Operating the Row-Crop		Removing and Replacing Knives and	
Adjusting Knife Height	13	Oscillating Knife Shield	39
Adjusting Gatherer Point Height	13	Adjust Crop Deflectors	
Adjusting Gatherer Point Height		(Three-Row)	40
(With ROW-TRAK™) (North America)	14	Adjusting Throat Fillers	
Adjusting ROW-TRAK Sensor Tube	14	(Three-Row/3950 Harvester)	40
Using Tongue Stop Bolt (Three-Row)		Adjusting Knife Drive Chain	
(3950, 3960, and 3970 Harvesters)	15	(Three-Row)	40
Selecting Tongue Swing Position		Adjusting Gatherer Chain	
(4720 Harvester)	15	(Three-Row)	41
Operating ROW-TRAK Guidance		Adjusting Knife Register	
(Pull-Type Forage Harvesters)	16	(Three-Row)	42
Conditions for Not Operating ROW-TRAK Guidance		Adjusting ROW-TRAK Sensor Switch	43
(Pull-Type Forage Harvesters)	16	Replacing ROW-TRAK Sensor Switch	43
Functional Check for ROW-TRAK Guidance		Determining Plugged Line Or Bearing	
(Pull-Type Forage Harvesters)	17	On Multi-Luber System	
Check ROW-TRAK Override Feature		(Three-Row)	44
(Pull-Type Forage Harvesters)	17	Repairing Grease Lines on Multi-Luber System	
ROW-TRAK Sensor Lockout		(Three-Row)	45
(Pull-Type Forage Harvesters)	18	Storage	46
Attachments	19	Crime Prevention Tips	47
Lubrication	21	Assembly	49
Troubleshooting	26	Specifications	62
		Index	64

Safety

UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



AB6;TS187 053;;SIGNAL 071085

OBSERVE "IMPORTANT" MESSAGES

Messages labeled "Important" will appear in your operator's manual and/or on the machine to provide specific instructions for performing adjustments, services, etc. If these instructions are not followed, it could result in damage to the machine.

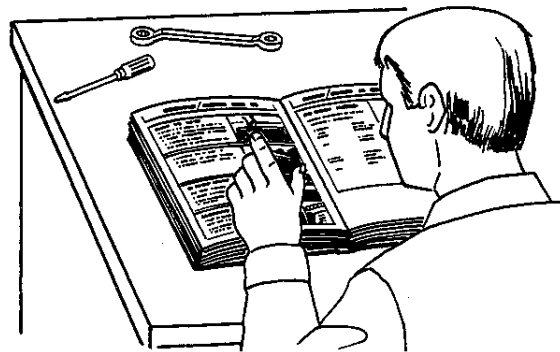
0A6; E03;4RRCC I 300484

LEARN MACHINE SAFETY

Carefully read this manual. Learn how to operate the machine and how to use the controls properly.

Do not let anyone operate this machine without proper instruction.

Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.



AB6;TS183 053;READ2 080785

WEAR PROTECTIVE CLOTHING

Wear fairly tight clothing. and safety equipment.



AB6;TS184 053;WEAR2 080785

PROTECT AGAINST NOISE

Prolonged exposure to loud noise can cause impairment or loss of hearing. Wear a suitable hearing protective device such as earmuffs (A) or earplugs (B) to protect against objectionable or uncomfortable loud noise.

A—Earmuffs
B—Earplugs



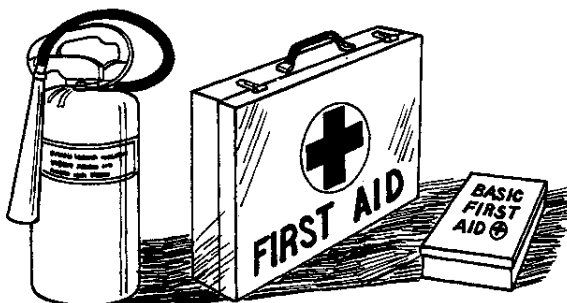
0A6;E19364 E03;4RRCC E 300484

PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguishers handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



AB6;TS186 053;FIRE2 080785

OPERATE SAFELY

To avoid injury or death by being pulled into the machine:

1. Disengage drives and shut off engine before attempting to unplug the harvesting unit or machine. The feed rolls can feed crop material faster than you can release your grip on the material.
2. Never use your hands or feet to feed crop into the forage harvester, with or without a harvesting unit.
3. This harvesting unit is intended for mobile field operation only. Never use or modify machine to be used in a stationary operation.

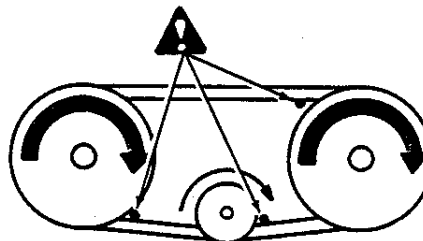
E03;3ROWC A 231085

AVOID CONTACT WITH MOVING PARTS

Keep hands, feet, and clothing away from power-driven parts.

Never clean, lubricate or adjust the machine when it is running. Stand clear of gatherer chains and oscillating knives.

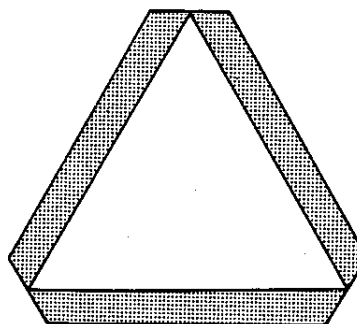
Keep all shields in place when operating machine.



0A6;E21834 E03;;3ROWC B 231085

DRIVING ON PUBLIC ROADS

When transporting the row-crop, raise the unit to the highest position to prevent damage. When transporting the equipment on a road or highway at night or during the day, use accessory lights and devices for adequate warning to operators of other vehicles. In this regard, check local governmental regulations. Various safety devices are available from your John Deere dealer.



0A6;E21836 E03;;4RRCC F 260484

GOVERNMENTAL REGULATIONS

In some areas, additional equipment may be needed when operating your row-crop on public roads. See your John Deere dealer for these requirements.

0A6; E03;;4RRCC H 260484

PRACTICE SAFETY

Before servicing, adjusting, or removing material from a row-crop attached to a self-propelled forage harvester:

1. Disengage main and feed roll clutch levers.
2. Shut off engine and WAIT until all moving parts have stopped.

Before servicing, adjusting, or removing material from a row-crop attached to a pull-type forage harvester:

1. Shut off tractor engine and WAIT until all moving parts have stopped.
2. Disconnect PTO driveline.

On machines with ROW-TRAK Guidance, avoid being knocked down or crushed by unexpected movement of machine.

Be sure ELECTRICAL POWER is OFF before servicing or unplugging.

If a stalk, leg, hand, or other object contacts the ROW-TRAK sensor when power is on, the machine will move.

Be especially careful in the area between the row-crop and tongue.

Before working under harvesting unit, set lift cylinder locks. (See forage harvester operator's manual.)

E03;;3ROWC C 231085

Attaching and Detaching

REAR BALLAST WEIGHT (SELF-PROPELLED FORAGE HARVESTERS)

Rear ballast may be required to help stabilize the harvester by equalizing weight distribution when attaching row-crop to harvester.

See Wheels and Ballast section in the self-propelled forage harvester operator's manual.

E03;;3ROWW A 061185

SELECTING DRIVE SPROCKET

Use correct drive sprocket for your harvester and row-crop.

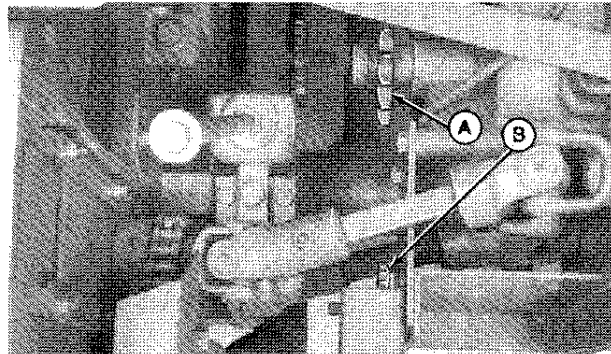
Harvester	2 or 3-Row Drive Sprocket RC60
5200-5400	35-Tooth
5440-5460	28-Tooth
3940-3960-3950-3970	17-Tooth 21-Tooth (Optional)
4720-5720-5820-5730-5830	21-Tooth

E03;;3ROWW B 231085

INSTALLING DRIVE SPROCKET AND IDLER

Install drive sprocket (A) and idler (B). Leave idler loose.

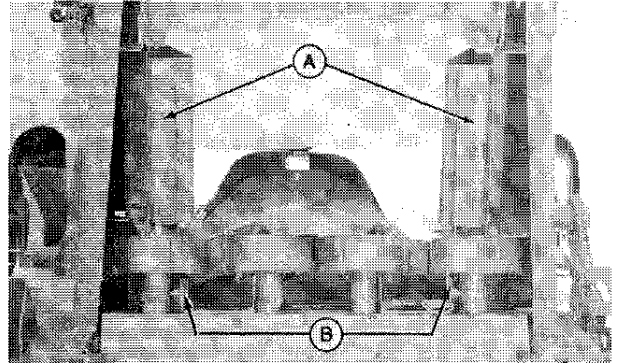
NOTE: If you have an older harvester that is not equipped with a chain cover over the idler, obtain one through your John Deere dealer.



0A6;E19366 E03;;3ROWW C 231085

ADJUSTING STRAPS AND FILLER ANGLES (TWO-ROW)

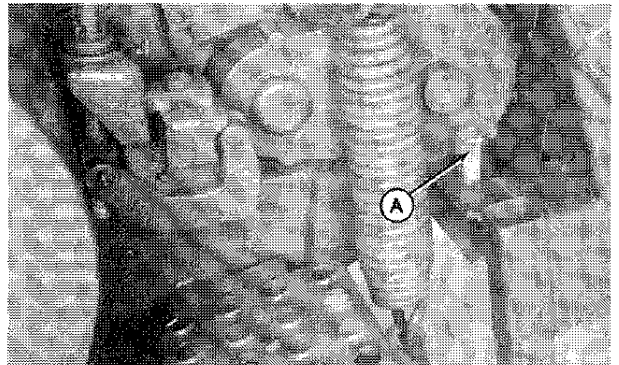
1. Remove angles (A) when used on 3960, 3970, 5720, and 5730 Harvesters.
2. Adjust strap (B) out to maximum length when used on 3940 and 3950 Harvesters.



0A6;E25495 E03;;3ROWW D 231085

ATTACHING ROW-CROP TO HARVESTER (SELF-PROPELLED FORAGE HARVESTERS)

1. Extend or retract lift cylinder (to raise or lower the cutterhead) until the lower attaching points align with the lower attaching clips on the row-crop. Secure on both sides with a rectangular, tapered pin (A). Right side shown in picture.

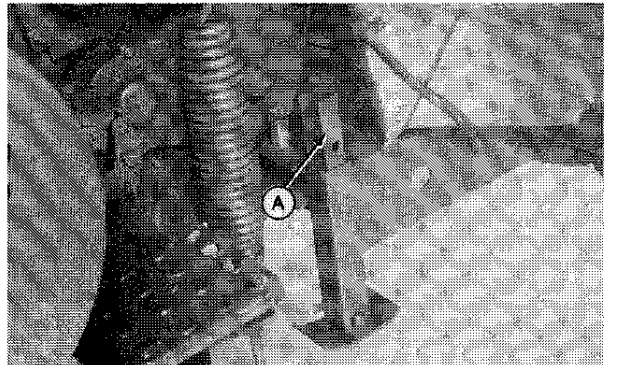


0A6;E26899 E03;;3ROWW E 231085

2. Raise row-crop slightly, and secure support stands in the transport position (A).



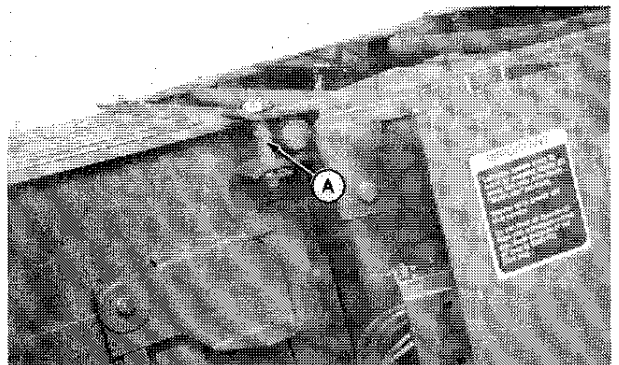
CAUTION: Be sure pins are seated and stands are secure.



0A6;E26900 E03;;3ROWW F 231085

3. Slowly lower the cutterhead until the two upper attaching points are seated in the clips. Secure with a round drilled pin (A) and a spring-locking pin on both sides. Raise row-crop off the ground and remove float spring lockout pins.

IMPORTANT: Before removing row-crop, always place lift springs in the lockout position. (See self-propelled forage harvester operator's manual.)



0A6;E26901 E03;;3ROWW G 231085

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