

3-Bag Material Collection System for 300 & 400 Series Tractors



JOHN DEERE

OPERATORS MANUAL

**3-Bag Material Collection System for
300 & 400 Series Tractors**

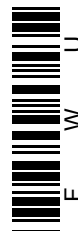
OMM77708 K6 English

**John Deere
Worldwide Commercial and
Consumer Equipment Division**

OMM77708 K6

North American Version

LITHO IN U.S.A.
ENGLISH



INTRODUCTION

THANK YOU for purchasing a John Deere product.

The 3-Bag Material Collection System (MCS) is compatible with 300 Series (except model 316 with serial number below 285,001 and 320, 325 and 345 models) and 420 and 430 tractors and the current 400 Series tractors (425, 445 and 455).

Read this manual and your vehicle manual thoroughly. Failure to do so could result in personal injury or equipment damage.



This manual should be considered a permanent part of your machine and should remain with the machine when you sell it.

Measurements in this manual are metric units and their U.S. customary equivalents. RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line arrow (- - ➔) it indicates the part it is pointing to is hidden.

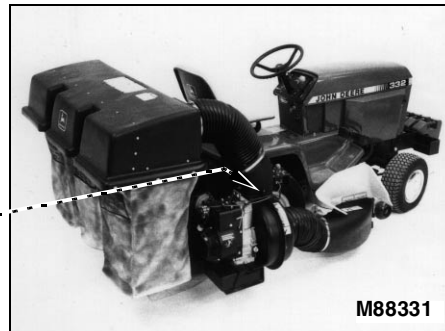
Product warranty is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The product warranty is explained on the warranty certificate you received from your dealer.

Record identification numbers below. Be sure to record all the numbers to help in tracing the machine if it is stolen. You also need to give these numbers to your dealer when you order parts.

Date of Purchase:**Dealer Name:****Phone:**

Engine Serial Number:

□ □ □ □ □ □ □ □ □ □ □ □



M88331

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All information, illustrations and specifications in this manual are based on the latest information at the time of publication. The right is reserved to make changes at any time without notice.

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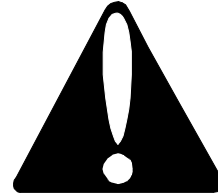
NOTES

SAFETY SIGNS

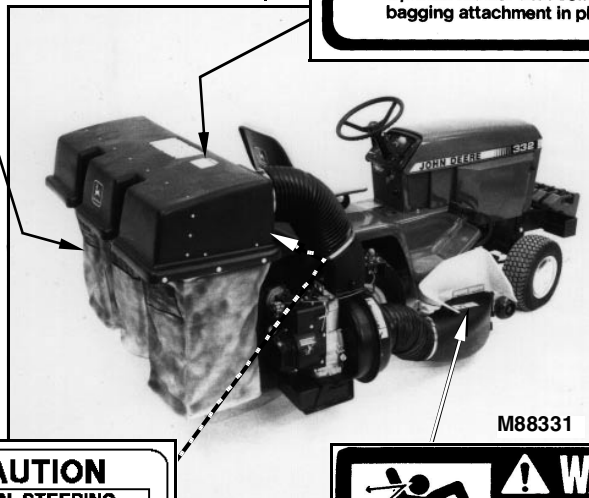
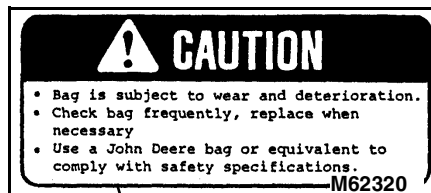
Safety-Alert Symbol

Read and recognize safety information. Be alert to the potential for personal injury when you see this safety-alert symbol.

On your machine safety labels, the words DANGER, WARNING, and CAUTION are used with this safety-alert symbol. DANGER identifies the most serious hazards. In this manual, the word CAUTION and this symbol call attention to safety messages.



Machine Safety Labels



PREPARING THE VEHICLE

Ballasting Requirements



CAUTION: Help to avoid bodily injury. Install the correct number of front weights to maintain steering control and stability.

300 Series tractors:

- Install a minimum of four front suitcase weights.

400 Series tractors:

- Install a minimum of two front suitcase weights.

Tractor Requirements

IMPORTANT:

- The MCS cannot be used on the 316 tractor with serial number below 285,001.
- All tractors must be equipped with a 46, 50 or 60 inch mower.
- The MCS will not fit on tractors with bar tires.

1. Install rear tires in correct position:

- 300 Series tractors--Install rear tires in wide position. (See your tractor operator manual for instructions.)
- 400 Series tractors--Install left rear tire in wide position. Install right rear tire in narrow position. (See your tractor operator manual for instructions.)

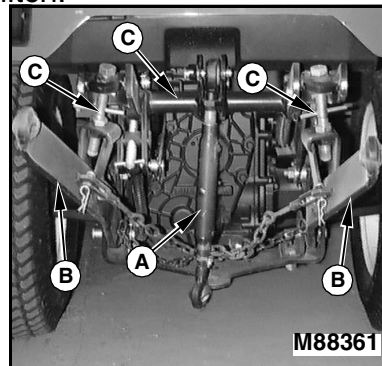
PREPARING THE VEHICLE

Preparing Tractor (300 Series and 420 and 430 Tractors)

1. Stop vehicle on a level surface, not on a slope.
2. Disengage PTO
3. Engage the park brake.
4. STOP the engine.
5. Remove the key.
6. Before you leave the operator's seat, wait for engine and all moving parts to STOP.

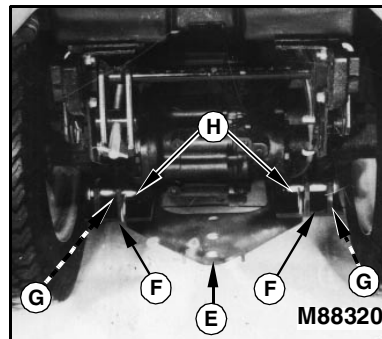
7. If tractor is equipped with 3-point hitch:

- Remove center link (A).
- Remove draft arms (B).
- Remove adjusting bolts (C).
- Remove 3-point hitch rockshaft (D) and install original-equipment rockshaft.
- Go to Step 14.



8. If tractor is not equipped with 3-point hitch:

- Remove hitch plate (E) by removing four cap screws.
- Install hitch plate and right and left support brackets (F) on tractor with four cap screws removed above and two 5/8 x 1-1/4 in. cap screws (G).



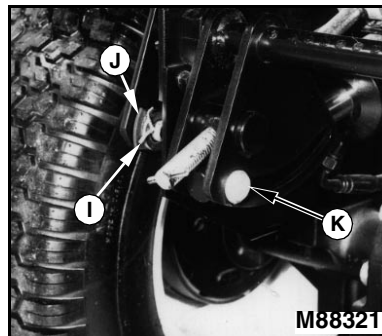
9. Install drilled pins (H) in lower support plates. Fasten drilled pins with spring locking pins.

10. If tractor is equipped with rear PTO, remove PTO shield.

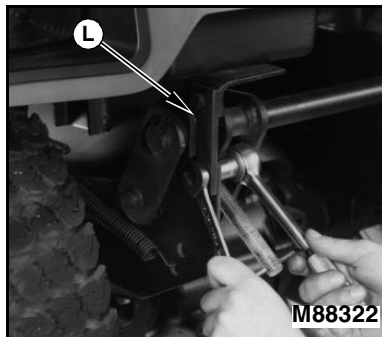
PREPARING THE VEHICLE

11. Remove cotter pin and washer (I) and mower lift strap (J) from both sides of tractor.

12. Remove drilled pin (K) and cotter pin.



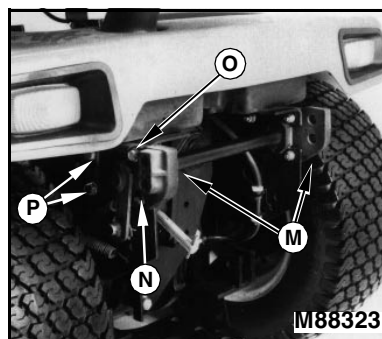
13. Remove rockshaft bracket (L) from both sides of tractor. Keep hardware and brackets for future use.



14. Install mounting brackets.

• **Tractors with serial numbers 285,001 and up:**

- Attach mounting brackets (M) with M8 x 35 flange bolts (N), M8 x 25 flange bolts (O), M10 x 35 flange bolts (P) and lock nuts.
- Fasten lift straps to rockshaft strap with washers and cotter pins. See Step 11. (New cotter pins are provided.)
- Install drilled pin through rockshaft bracket. Fasten it with cotter pin. See Step 12.
- Install PTO shield.

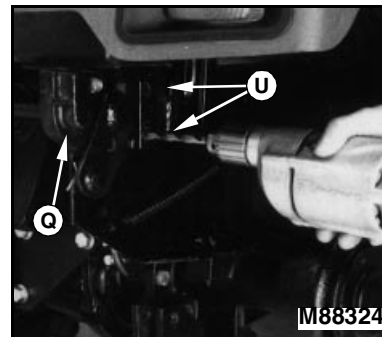
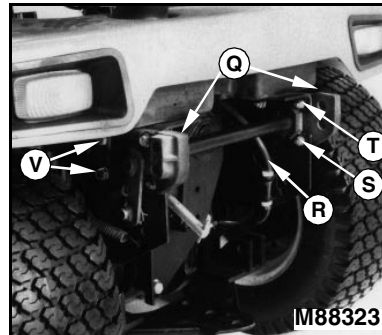


PREPARING THE VEHICLE

- Tractors with serial numbers 285,001 and below:

IMPORTANT: Top mounting brackets (Q) must be installed parallel to top of tractor frame. Do not damage transmission sight tube hose (R) when you drill holes.

- Install M8 x 35 flange bolt (S) and M8 x 25 flange bolt (T) in rear holes of brackets and tractor frame. Fasten bolts with lock nuts.
- Loosen wheel bolts on rear tractor tires. Put stands under rear tractor frame. Remove rear tractor wheels
- Use mounting bracket as template. Drill two 11 mm (7/16 In.) holes (U) in each side of tractor.
- Install M10 x 35 flange bolts (V) through front holes of mounting brackets and tractor frame. Fasten bolts with lock nuts.
- Install rear wheels on tractor. Tighten wheel bolts to 75 N•m (55 lb-ft). Remove stands.
- Fasten lift straps to rockshaft strap with washers and cotter pins. See Step 11. (New cotter pins are provided.)
- Install drilled pin through rockshaft bracket. Fasten it with cotter pin. See Step 12.
- Install PTO cover.



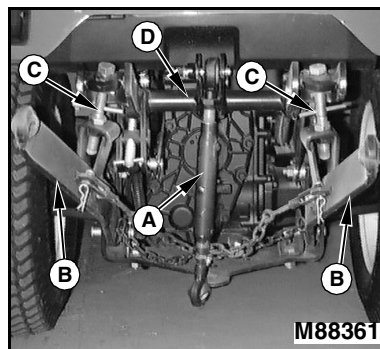
PREPARING THE VEHICLE

Preparing The Tractor (425, 445 and 455 Tractors)

1. Stop vehicle on a level surface, not on a slope.
2. Disengage PTO
3. Engage the park brake.
4. STOP the engine. Remove the key.
5. Before you leave the operator's seat, wait for engine and all moving parts to STOP.

6. If the tractor is equipped with a 3-point hitch:

- Remove center link (A).
- Remove draft arms (B).
- Remove adjusting bolts (C).
- Remove 3-point hitch rockshaft (D) and install original-equipment rockshaft.
- Go to Step 12.

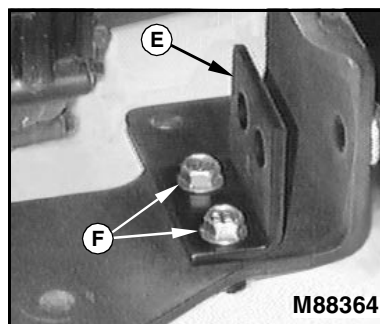


7. If the tractor is NOT equipped with a 3-point hitch:

IMPORTANT: Special brackets and hardware are required to install the MCS to a 425, 445 or 455 model tractor NOT equipped with 3-point hitch. Order the parts necessary for installation from a John Deere dealer.

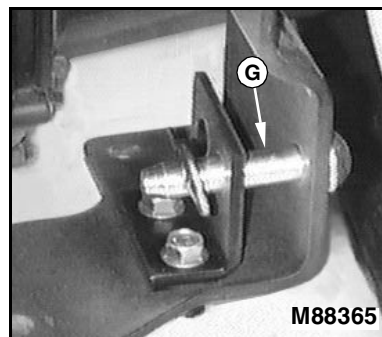
- Install bracket (E) on both sides of the hitch plate with provided cap screws (F) and nuts.

NOTE: Bracket is used for both types of hitch plates.



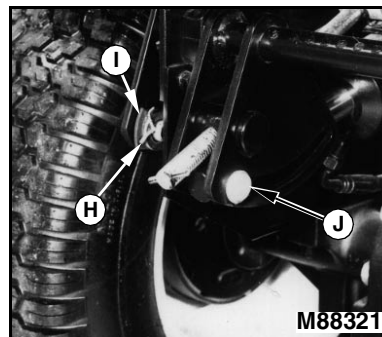
PREPARING THE VEHICLE

- Install drilled pin (G) in front hole of each bracket and secure with spring locking pin.



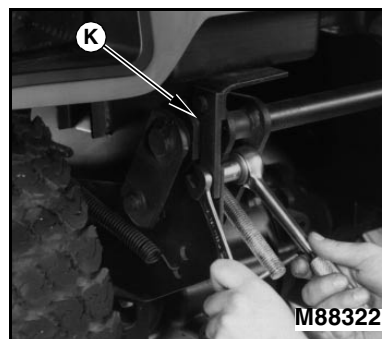
8. If tractor is equipped with rear PTO, remove PTO shield.

9. Remove cotter pin and washer (H) and mower lift strap (I) from both sides of tractor.



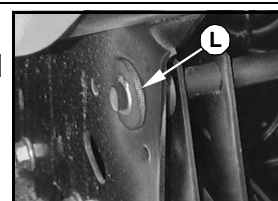
10. Remove drilled pin (J) and cotter pin.

11. Remove rockshaft bracket (K) from both sides of tractor. Keep hardware and brackets for future use.



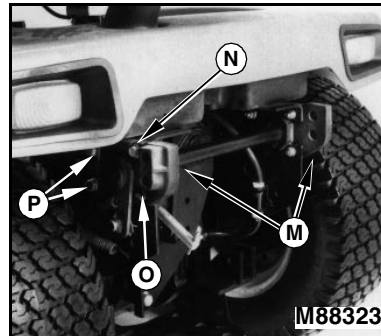
12. Install mounting brackets.

IMPORTANT: Rockshaft bushings (L) may need to be removed and ground slightly to allow installation of mounting brackets.



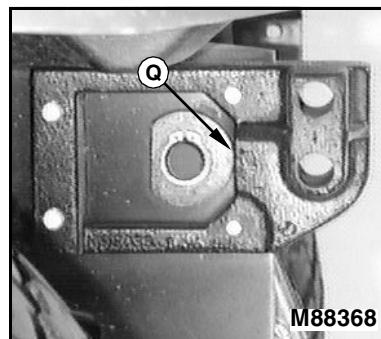
PREPARING THE VEHICLE

- Attach mounting brackets (M) loosely with M8 x 35 flange bolts (N), M8 x 25 flange bolts (O), M10 x S5 flange bolts (P) and lock nuts.



IMPORTANT: Mounting brackets must fit flush to side of tractor hitch.

- With bracket installed loosely, check to see if bracket fits flush to side of hitch. If not, mark bushing where bracket overlaps (Q).
- Remove mounting brackets and grind excess material from bushings.
- Install brackets and tighten.
- Fasten lift straps to rockshaft strap with washers and cotter pins. See Step 10. (New cotter pins are provided.)
- Install drilled pin through rockshaft bracket. Fasten it with cotter pin. See Step 11.
- Install PTO shield.



INSTALLING

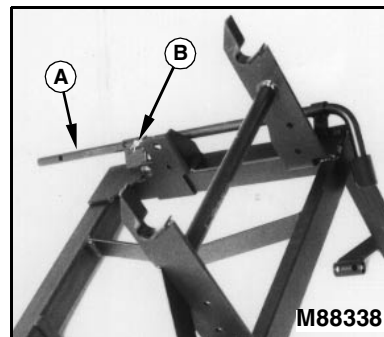
SAFETY

Park Vehicle Safely

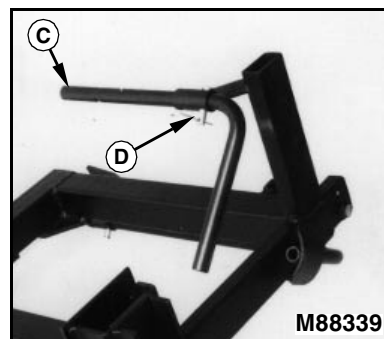
- Stop vehicle on a level surface, not on a slope.
- Disengage PTO
- Engage the park brake.
- STOP the engine.
- Remove the key.
- Before you leave the operator's seat, wait for engine and all moving parts to STOP.

Installing MCS

1. Install front stands (A) on both sides of MCS frame. Fasten stands with drilled pins and spring locking pins (B).



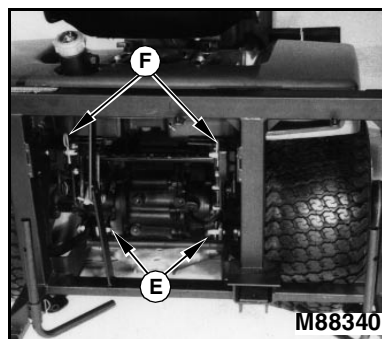
2. Install rear stands (C) on both sides of frames. Fasten stands with drilled pin and spring locking pins (D).



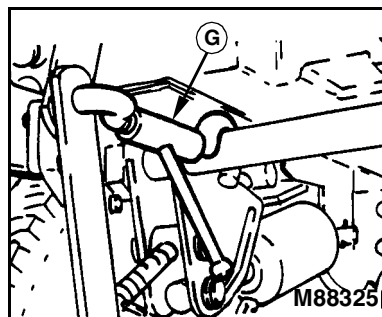
INSTALLING

3. Put lower frame attaching points on frame onto pins (E) in lower tractor support plates.

4. Push frame up and fasten it to tractor mounting brackets with drilled pins and spring locking pins (F).

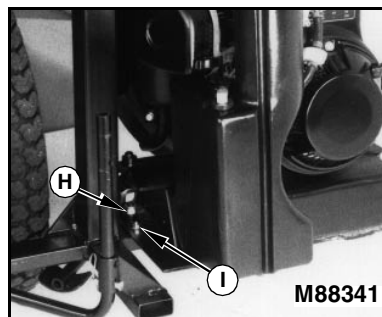


5. Install optional turnbuckle (G) on frame and rockshaft. Turn turnbuckle until it is snug.



6. Put Power-Pak on frame stud and fasten it loosely with nut (H).

7. Install shear bolt (I) and fasten it with lock nut. Tighten nut (H).

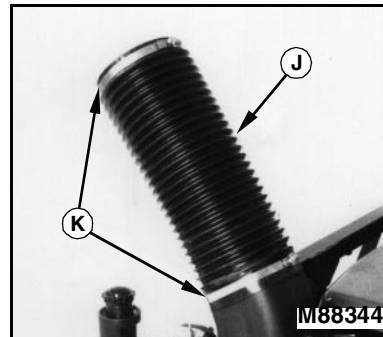


INSTALLING

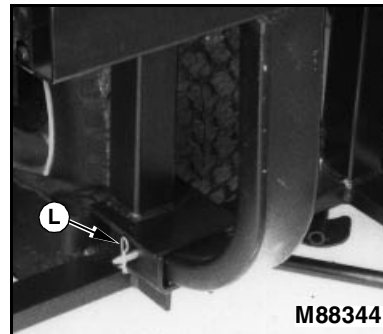
IMPORTANT: For 425, 445 and 455 tractors, the boot is too short to fit between discharge chute and the Power-Pak. Order service boot and cut to length.

8. Install blower boot (J).

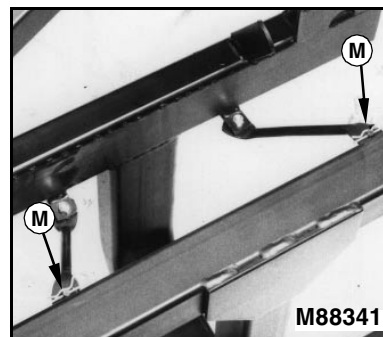
- Put hose clamps (K) on boot.
- Install boot on blower chute.



9. Install bagger support into frame and fasten it with pin and spring locking pin (L).



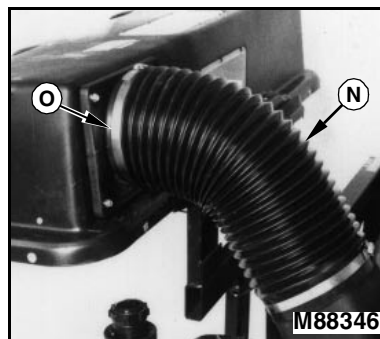
10. Fasten tie rods to frame with spring locking pins (M).



INSTALLING

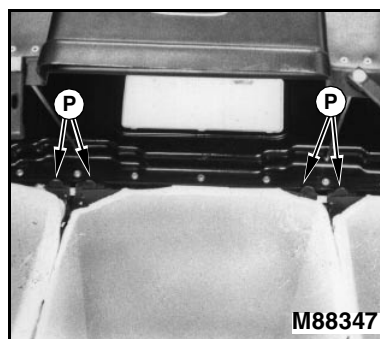
IMPORTANT: For 425, 445 and 455 tractors, the boot is too short to fit between discharge chute and the Power-Pak. Order service boot and cut to length.

11. Install boot (N) on hopper top and fasten it with clamp (O).



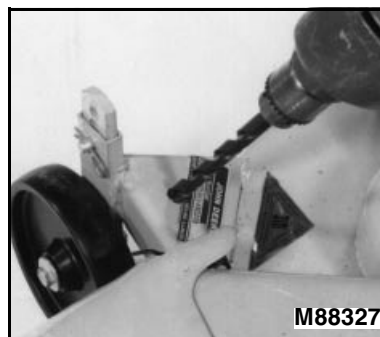
12. Install three bags on support tabs (P).

13. Bag frames must be level. Bend support tabs as needed.



14. **46 in. mower only:**

- Locate point 30 mm (1-3/16 in.) from side and 40 mm (1-5/8 in.) from rear of right wheel bracket.
- Drill 13 mm (1/2 in.) hole.



INSTALLING

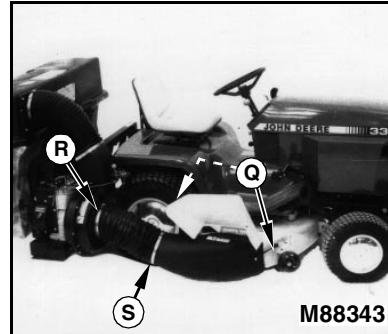
NOTE: Boot is ordered separately for appropriate deck. See your John Deere dealer to order.

15. Fasten boot to mower deck with strap (Q).

NOTE: 46 and 50 In. require two straps. 50 In mower requires one strap.

16. Fasten hose to blower housing with clamp (R).

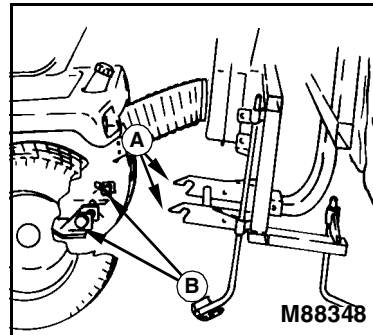
17. Tighten clamp (S).



Installing Assembled MCS On Tractor

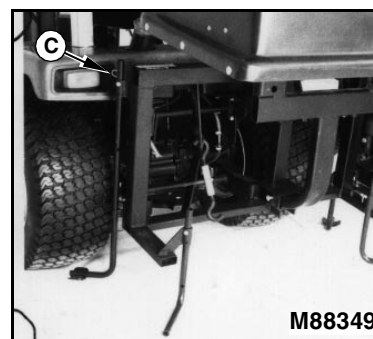
1. Slowly back tractor up to MCS. Align lower MCS attaching points (A) with pins (B) in lower tractor support plates.

2. Put lower MCS attaching points on pins.



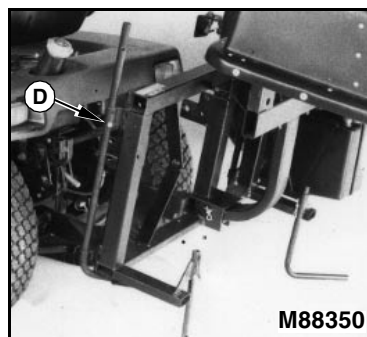
3. Tilt MCS rearward.

4. Remove spring locking pins and drilled pins (C) from both front stands on both sides of MCS.

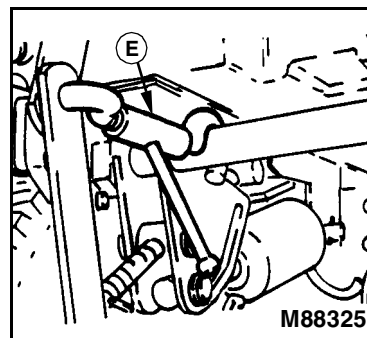


INSTALLING

5. Put stands in upper position and fasten them with drilled pin and spring locking pin (D).

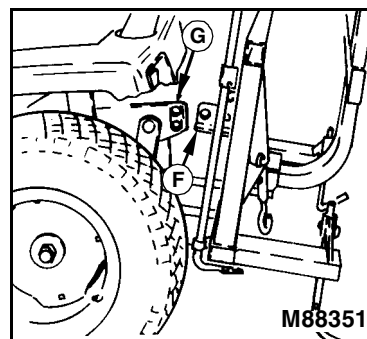


6. Install optional turnbuckle (E) and MCS frame and tractor rockshaft.



7. Turn optional turnbuckle until MCS upper mounting points (F) align with upper tractor mounting brackets (G).

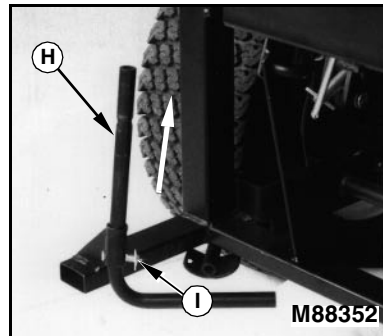
8. Install drilled pins through MCS upper mounting points and upper tractor mounting brackets from inside out. Fasten pins with spring locking pins.



9. Turn optional turnbuckle until loose.

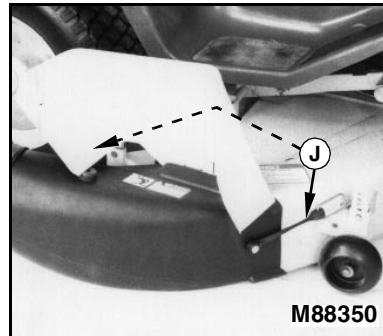
INSTALLING

10. Put rear stands (H) in upper position and fasten them with drilled pins and spring locking pins (I).



11. Install mower boot on mower deck. Fasten boot with strap (J).

**NOTE: 46 and 60 inch mowers
require two straps.
50 inch mowers require
one strap.**



REMOVING

SAFETY

Park Vehicle Safely

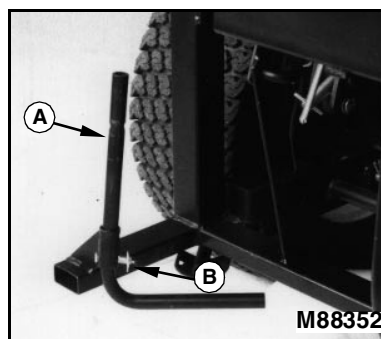
- Stop vehicle on a level surface, not on a slope.
- Disengage PTO
- Engage the park brake.
- STOP the engine.
- Remove the key.
- Before you leave the operator's seat, wait for engine and all moving parts to STOP.

Removing MCS From Tractor



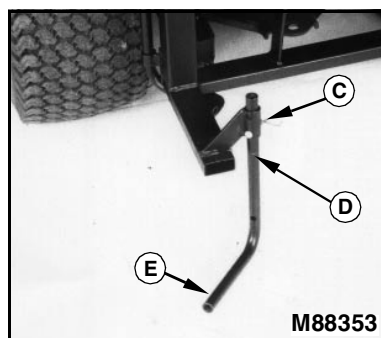
CAUTION: Stop tractor and Power Pak engines before removing the MCS.

1. Remove drilled pin and spring locking pin (B) from rear stand (A) on both sides of MCS.



2. Install rear stands (E) In lower position:

- 300 series tractors: Fasten rear stands in upper hole (C) with drilled pin and spring locking pin.
- 400 series tractors: Fasten rear stands in lower hole (D) with drilled pin and spring locking pin.

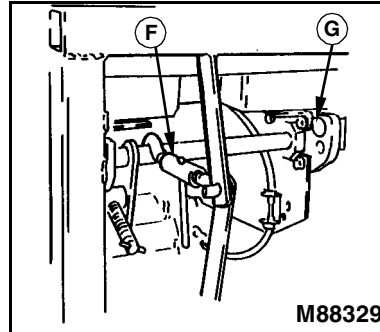


REMOVING

3. Turn optional turnbuckle (F) until you can remove spring locking pins and drilled pins (G).

NOTE: Remove drilled pin first.

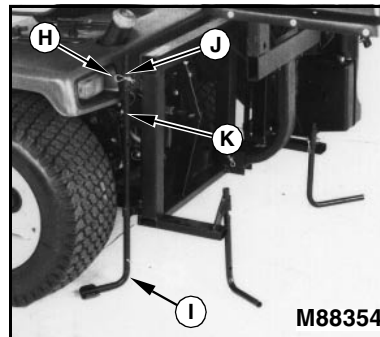
4. Turn optional turnbuckle until you can remove it from tractor. Leave turnbuckle on MCS frame for storage.



5. Remove spring locking pins and drilled pins (H) from each front stand (I). Lower front stands to ground.

6. Tilt MCS rearward. Install front stands in lower position:

- 300 Series tractors: Fasten front stands in upper hole (J) with drilled pin and spring locking pin.
- 400 Series tractors: Fasten front stands in lower hole (K) with drilled pin and spring locking pin.



7. Remove boot from mower.

8. Slowly drive tractor forward.

9. Install drilled pins and spring locking pins in frame for storage.



OPERATING

SAFETY

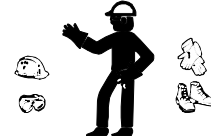
Operate Safely



- Stop tractor and POWER-PAK engine before emptying the grass bags.
- Check vehicle brake action before you operate. Adjust or service brakes as necessary.
- Inspect machine before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments before you operate.
- Clear work area of objects that might be thrown. Keep people and pets out of the work area. Stop machine if anyone enters the area.
- If you hit an object, stop the machine and inspect it. Make repairs before you operate. Keep machine properly maintained and in good working order.
- DO NOT leave machine unattended when it is running.
- Only operate during daylight or with good artificial light.
- DO NOT let anyone, especially children, ride on machine or vehicle.
- DO NOT let children or an untrained person operate machine.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.
- Study mowing area. Set up safe mowing pattern. Do not mow under conditions where traction or stability is doubtful.
- First, test drive area with PTO OFF and mower lowered. Slow down when you travel over rough ground.

OPERATING

Wear Appropriate Clothing



- Wear close fitting clothing and safety equipment appropriate for the job.
- Loud noise can cause impairment or loss of hearing, wear a suitable protective device such as earplugs.

Avoid Injury From Contacting Blades



Before you dismount to unplug or adjust mower:

- DISENGAGE PTO to stop mower blades.
- STOP the engine.
- LOCK the park brake.
- Remove key.
- Wait for mower blades to STOP.
- Keep hands, feet and clothing away from mower deck when engine is running. Keep hopper top down.
- DISENGAGE PTO to stop mower blades when you are not using mower.
- DO NOT operate bagger unless entire grass catcher is fastened in place with hopper top down.

Protect Children

- Before you back up: Look behind for children.
- DO NOT let children ride on the tractor or or on the bagger.



OPERATING

Bagging Safely

Read ALL CAUTION and WARNING safety signs on attachments.

Before you remove or install bags:

- Stop mower.
- DISENGAGE mower PTO.
- Stop engine.

Do not leave clippings in bags overnight: empty bags when they are full.

Operate safely on slopes:

- Empty bags when they are half full.
- Do not operate on steep slopes.
- Before you turn, slow down.
- Avoid sudden starts and stops.
- Avoid holes, rocks, and roots.
- Mow up and down—not across—slopes.
- Do not park mower/bagger on slopes.

Airflow for Bagger

Bagger needs strong airflow from mower to bags for best performance. Follow these suggestions to help airflow:

- Keep bagger chute, hopper top, screen, bags and underside of mower clean.
- Keep throttle lever at FAST position but travel slow.
- Level mower front-to-rear so rear of mower is no more than 13 mm (1/2 in.) higher than front of mower.
- Operate mower in higher cutting positions.
- Replace worn or damaged mower blades.
- Attach optional lips (if available).

OPERATING

Mowing Tips

When you mow an area for the first time, travel SLOW and cut HIGH so you can:

- Learn the terrain.
- Learn the best mowing pattern.
- Help prevent hitting objects hidden in the grass.

Mow grass only when it is dry: Wet grass may plug mower and attachment and leave a trail of grass clumps.

Mow grass often: Short grass clippings will decay quickly.

Mow at full throttle for best performance.

Use travel speed that fits conditions:

- Travel SLOW when you mow thick, tall grass.
- FAST travel may produce stripes or uneven cut: slow down.
- Travel at MODERATE speed when you mow a thin stand of grass.
- Use faster travel ONLY when you are not mowing.

Most lawn-care professionals recommend mowing high and often. Cutting grass too short may kill grass and let weeds grow easily.

Before you make a turn, slow down. Short, fast turns may scuff the ground and pull grass out by roots.

Trimming Tips

- Turn to left around trees, bushes, etc.
- Drive slowly. Avoid hitting trees, bushes, etc.
- If ground slopes up to a tree or bush, you may have to approach the tree or bush straight-on to avoid scalping.

OPERATING

To Avoid Scalping

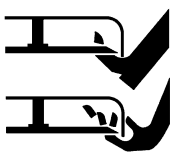
- Pay attention to the way you drive: you can eliminate scalping.
- If mower scalps easily, cutting height may be too low for ground conditions—especially on lawns with many small mounds and ridges.
- Gauge wheel (if equipped) must be adjusted correctly.
- Drive over ridges and through ditches straight-on, not at an angle.

Keep blades sharp: Dull blades will tear grass; tips of grass will then turn brown.

Check lawn regularly for uneven cut. If cut is uneven:

- LOOK: Mower may not be level.
- Slow down before you make a turn.
- Sharpen blades often.
- Gauge wheels properly adjusted.

Checking for Plugging While Bagging

	CAUTION: To help prevent injury from mower blades, do not try to unplug discharge chute while engine is running. 
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If there is a trail of clippings behind mower, check for plugged chute or full bags.

If grass builds up in front of discharge chute outlet, check for plugged bagger chute.

OPERATING

Dismounting to Inspect or Unplug Chute or Bagger



CAUTION: To help prevent personal injury, follow the steps listed below before you dismount to inspect or unplug chute or bagger.

- STOP mower or tractor.
- LOCK park brake.
- DISENGAGE mower: Push PTO switch lever down OR pull lever to rear.
- Move throttle lever to rear to SLOW position.
- STOP engine. Remove key.
- Wait for all moving parts to stop.

Inspect and Unplug Chute or Bagger



CAUTION: To help prevent injury from mower blades, do not try to unplug discharge chute while engine is running.



Remove debris from the following inspection:

1. Open hopper top. Check chute outlet.
2. Remove chute from mower deck or Power Flow. Check chute inlet.
3. Check under mower deck or inside Power Flow for debris.

OPERATING

Filling Bags

Check level of clippings often.

When clippings are up to window of hopper top, empty bags or you may plug bagger chute.

Left bag normally fills first.

Right bag may not fill completely when you are cutting thin stand of grass. Bag will fill if you slow engine to reduce airflow.

Fill bags 1/2 full when operating on slopes to avoid tipping.



Bagging Tips



CAUTION: To help prevent injury from mower blades, do not try to unplug discharge chute while engine is running.

Run engine at full speed. If engine slows down, reduce travel speed.

Bag grass only when grass is dry: Wet grass will plug chute and bagger.

Keep hopper top closed.

Pick up all rocks, stones, twigs and other debris before mowing and bagging. Cut grass higher than desired the first time so mower will clear unseen obstructions that could cause damage to the mower or bagging attachment.



OPERATING

IMPORTANT: Do not leave clippings in bags:

- Moisture may damage bags.
- Damp clippings are a fire hazard.

Never leave grass or leaves in the bags overnight or for long periods of time. Dampness from leaves or grass will cause deterioration of the bags. Also, damp leaves or grass when contained in the bags are combustible and can create a fire. For this reason, never store garbage bags of leaves or grass bagging attachment with full or partially filled bags in a garage or other enclosure. Grass clippings make excellent compost. Clippings can be used also as mulch between garden rows or around flowers, shrubs and trees.



Plastic lawn and leaf or garbage bags can be placed inside the cloth bags to facilitate disposal of grass or leaves. Use 33 gallon size lawn and leaf bags.

NOTE: Be sure to drape enough of the plastic bag over the outside of the cloth bag on all four sides so the bags can easily be tied shut after filling.

To remove plastic bags, first tie the bag shut. Then remove cloth bag with plastic bag from support. Lay bag on its side on ground. Hold cord on bottom of bag and shake material out of bag to empty.

IMPORTANT: Bagger may extend beyond machine or mower. Be careful not to hit tree or building, etc., with hopper when you make short turn.

OPERATING

Opening Hopper Top

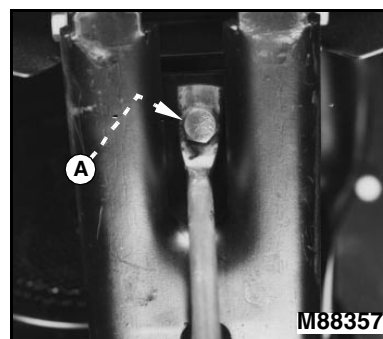
1. Pull down hold-down and remove it from latch retainer.



Adjusting Latch Retainer

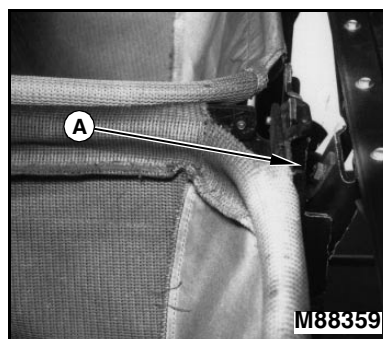
NOTE: There should be 19 to 25 mm (3/4 to 1 inch) stretch in rubber hold-down.

1. Loosen cap screw (A) and move latch retainer up or down as needed. Tighten cap screw.
2. You may need to put extra flat washers between latch retainer and bag holder for desired stretch.



Cleaning Support Posts

1. Clean grass and leaves from top of support posts (A).



OPERATING

Transporting Tractor With MCS

IMPORTANT: Do not pull tractor and MCS with another vehicle.

- Transport tractor with MCS attached on an appropriate trailer.
- Tractor and MCS are not intended for use on streets or highways.
- Fasten SMV sign to back of MCS if driving across streets or highways from one worksite to another.

REPLACEMENT PARTS

WE RECOMMEND JOHN DEERE quality parts and lubricants, available at your John Deere dealer.

PART NUMBERS MAY CHANGE, use part numbers listed below when you order. If a number changes, your dealer will have the latest number.

WHEN YOU ORDER PARTS, your John Deere dealer needs your machine serial number. This is the number you have recorded in the **INTRODUCTION** section in the front of this manual..

ITEM	PART NUMBER
Blower Boot	N199380
Bag Assembly	AM101602

(Part numbers are subject to change without notice. Part Numbers may be different outside the U.S.A.)

If you would like a copy of the Parts Catalog for this machine, please use the **Order Form** in the JOHN DEERE SERVICE LITERATURE section.

TROUBLESHOOTING

Using Troubleshooting Chart

If you are experiencing a problem that is not listed in this chart, see your John Deere dealer for service.

When you have checked all the possible causes listed and you are still experiencing the problem, see your John Deere dealer.

Grass Not Being Picked Up Completely	Mow grass only when dry.
	Reduce mower ground speed.
	Adjust Power-Pak engine speed.
	Empty bags.
	Clean screen in hopper top.
	Unplug chute.
	Check cutting edge of mower blades.
	Increase engine speed to full throttle.
	Check for worn or slipping belt.
Collection Chute and Blower Housing Plugged	Mow grass ONLY when dry.
	Empty the bags.
	Clean screen in hopper top.
	Reduce mower ground speed.
	Stop mower when bags are full, monitor bags/hopper more frequently.

STORING MACHINE

Removal and Storage

1. Follow your Front Mower operator's manual for correct stopping and parking procedure.

	CAUTION: Frames, mower decks and blades have sharp edges. Wear gloves or wrap cloth around sharp edges to help prevent injury.
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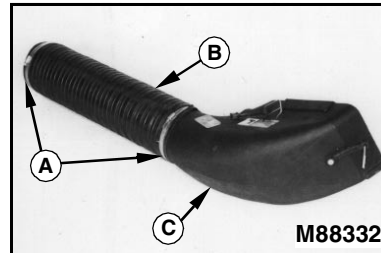
1. Install regular mower blades and tighten blade attaching bolts to 68-70 N•m (50-58 lb-ft).
2. Disconnect bagging attachment discharge chute from mower deck and hopper.
3. Remove bags, drilled pin, and support post with hopper top.
4. Store in dry area.

ASSEMBLY

Assembling MCS

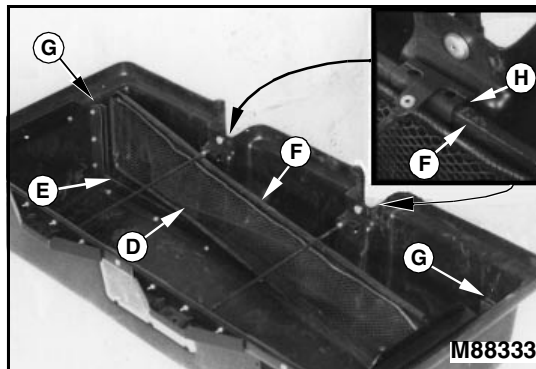
**NOTE: Boot (C) is ordered separately for appropriate deck.
See your John Deere dealer to order.**

1. Put clamps (A) on hose (B).
2. Put hose on boot (C) and fasten it with clamp.



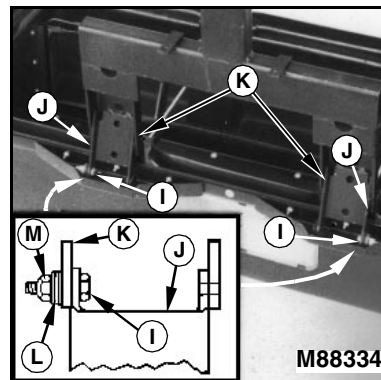
3. Install screen (D) in hopper top:

- Put screen (D) behind flange (E). Put flat side of plastic edge (F) toward front of hopper top.
- Slide screen frame into channels (G).
- Twist plastic edge (F) into retainers (H).



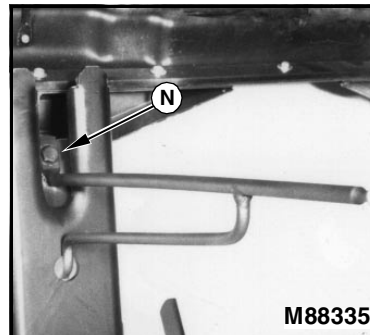
4. Fasten hopper top to support:

- Put 5/16 x 1 In. cap screws (I) through hopper.
- supports (J) and hinges (K). Put cap screws through from inside.
- Put four spring washers (L) on cap screws. Cup sides of washers must face hinge.
- Fasten cap screws with lock nuts (M).



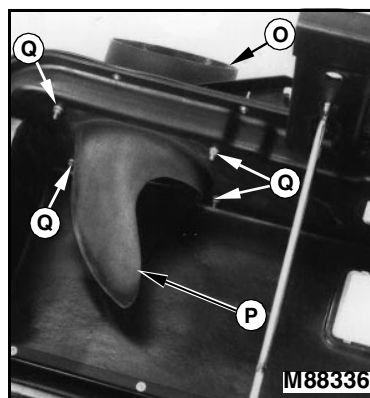
ASSEMBLY

5. Install two latch retainers on support. Fasten retainers with 5/16 x 1 In. screw (N), 0.344 x 1 x 0.134 in. washer, and lock nut. Washer must be between lock nut and support. Tighten lock nuts.

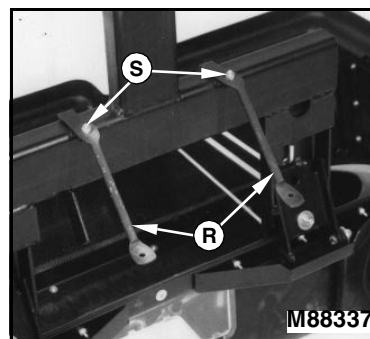


6. Install inlet chute (O) in hopper top from outside. Internal opening (P) must face center of hopper top.

7. Fasten inlet chute with four M6 x 35 flanged capscrews (Q), eight washers and flanged lock nuts. Put washers under heads of cap screws and washers under lock nuts.



8. Fasten tie rods (R) to frame with M6 x 16 cap screws and lock nuts (S). Tighten lock nuts until 2 or 3 threads are exposed. Tie rods must pivot freely.



SPECIFICATIONS

3-Bag Bagger Specifications

Volume of Bag (Approximate)	0.35 cubic meters (10 bu.)
Weight (including Power Pak)	54.4 kg (120 lb.)
Overall Height	915 mm (36 inches)
Overall Width	1420 mm (56 inches)

(Specifications and design subject to change without notice)

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NOTES

JOHN DEERE SERVICE LITERATURE

Order Form

John Deere Distribution Center
Department S/P
P.O. Box 186, Moline, IL 61266-0186

Name _____

Address _____

City _____

State _____

Zip _____

Phone (____) _____

To order these publications, fill out this form and the payment information and mail it to the address above. Make checks payable to John Deere. Please allow three weeks for delivery. No COD orders, please. Do not send cash or stamps. To place credit card orders, call **1-800-522-7448**. If you want manuals or catalogs for equipment not shown on this list, provide the model number, serial number, and name of the product.

Title	Order Number	Price Each	x Quantity	= Total
Parts Catalog	PC2131	(Call 1-800-522-7448 for current prices.)	X	=
Operator's Manual	OMM77708		X	=
			X	=
			X	=
Fundamentals of Service (FOS) Manuals:				
Engines	FCP80101B	(Call 1-800-522-7448 for current prices.)	X	=
Power Trains	FCP81102B		X	=
Electrical Systems	FCP83101B		X	=
Hydraulics	FCP82101B		X	=
Sub-total				
Method of Payment		Illinois state residents add 6.25% and Iowa state resident add 4% for Retail Occupation Tax or show tax exemption number. Other states excluded.		
☐ Check or Money Order Enclosed ☐ John Deere Credit Card ☐ MasterCard ☐ Visa ☐ American Express ☐ Discover ☐ Farm Plan		Total Shipping & Handling (from table below)		
Credit Card Acct. No. (13 or 16 digits) ____ - ____ - ____ - ____		(Prices subject to change without notice - DEC 91) Amount Due in U.S. Dollars		
		Subtotal	Shipping/ Handling	Optional shipping available. Please check and add cost to normal shipping: ☐ 1 day air.....\$15.00 ☐ 2 day air.....\$10.00
		\$.50 to 14.99	\$3.00	
		15.00 to 24.99	4.25	
Expiration Date:		25.00 to 49.99	5.50	
Signature:		50.00 to 99.99	7.50	
		100.00 and over	4% of sub total	

Cut along dotted line

NOTES



QUALITY DOESN'T END WHEN YOU INVEST IN A DEERE

John Deere equipment is more than just a purchase, it's an investment in quality. That quality goes beyond our equipment to your John Deere dealer's parts and service support. This support is needed to keep you a satisfied customer.

That's why John Deere has initiated a process to handle your questions or problems, should they arise. The following three steps will help guide you through the process.

Step 1 Refer to your operator's manual

- A. It has many illustrations and detailed information on the safe and proper operation of your equipment.
- B. It gives troubleshooting procedures, and specification information.
- C. It gives ordering information for parts catalogs, service and technical manuals.
- D. If your questions are not answered in the operator's manual, then go to Step 2.

Step 2 Contact your dealer

- A. Your John Deere dealer has the responsibility, authority, and ability to answer questions, resolve problems, and fulfill your parts and service needs.
- B. First, discuss your questions or problems with your dealer's trained parts and service staff.
- C. If the parts and service people are unable to resolve your problem, see the dealership manager or owner.
- D. If your questions or problems are not resolved by the dealer, then go to Step 3.

Step 3 Call the John Deere Customer Communications Center

- A. Your John Deere dealer is the most efficient source in addressing any concern, but if you are not able to resolve your problem after checking your operator's manual and contacting your dealer, call the Customer Communications Center.
- B. For prompt, effective service, please have the following ready before you call:
 - The name of the dealer with whom you've been working.
 - Your equipment model number.
 - Number of hours on machine (if applicable).
 - Your 13-digit serial number which you recorded on the inside front cover of this manual.
 - If the problem is with an attachment, your attachment identification number.
- C. Then call 1-800-537-8233 and our advisor will work with your dealer to investigate your concern.

