

506 AND 606 ROTARY CUTTERS



JOHN DEERE

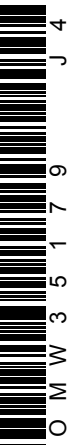
OPERATORS MANUAL

506 AND 606 ROTARY CUTTERS

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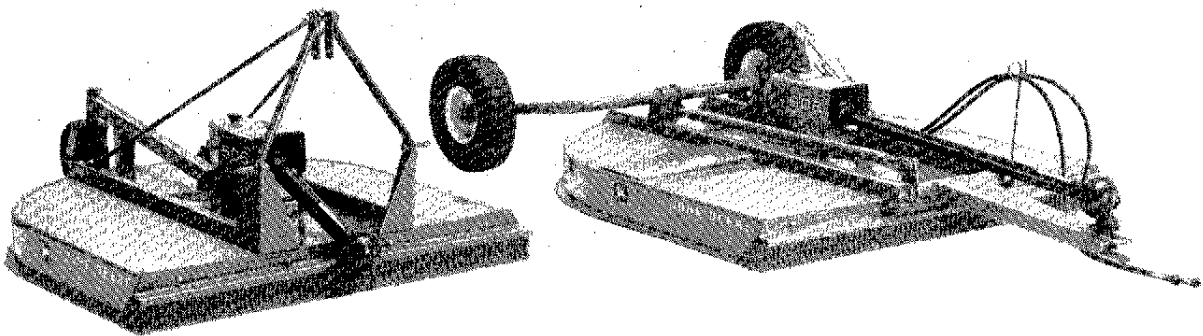
To The Operator

⚠ 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.

"Right" and "left-hand" sides are determined by facing in the direction of forward travel.

Record your cutter model number and serial number in the space provided on page 60. Your dealer needs this important information to give you prompt, efficient service.

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



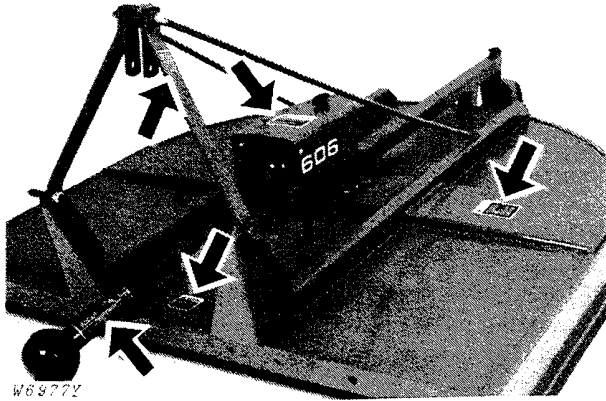


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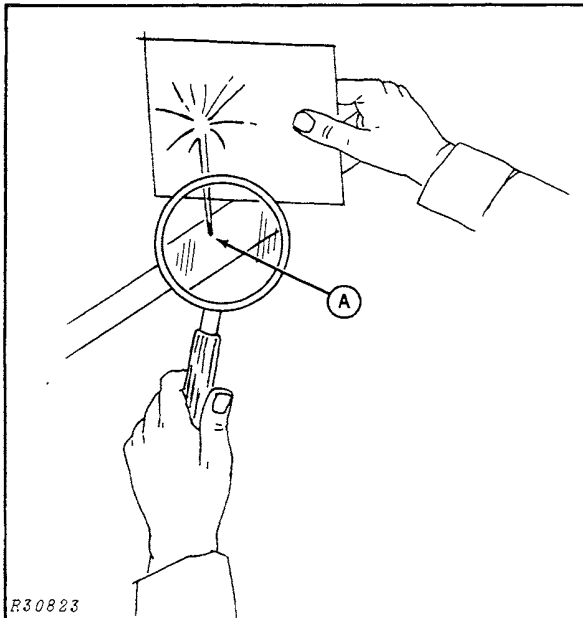


Safety



Before Operating

1. Read all decals appearing on cutter and Safety Section of this manual.



2. Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting lines, 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 your hands, to search for suspected leaks.

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

A—Pin Hole Leak

3. Become familiar with all cutter and tractor controls.
4. Check hardware and blade condition.
5. Check condition of hydraulic hoses and connections.
6. Remove foreign objects from cutter.
7. Be sure no one is near cutter or tractor.
8. Be sure all tractor PTO shields are installed.
9. Powershaft and gearbox shields must be in place.

Operating

1. Powershaft and gearbox shield must be in place during machine operation.
2. Front shields are recommended when working near public areas.
3. Never operate the cutter near people. Do not stand near the cutter while blades are in motion. Debris can be thrown hundreds of feet.
4. Under most operating conditions:
 - a. Use a seat belt on a tractor with a roll-over protective structure.
 - b. Do not use a seat belt on a tractor without a roll-over protective structure.



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4 Safety

5. Use the recommended rear wheel ballast.
6. Watch for holes when operating on hillsides. Tractor roll-over could result.
7. Disengage PTO, shut off tractor, and remove ignition key before cleaning, lubricating, or adjusting the cutter.
8. Components behind shields may rotate for several minutes after power is shut off. To reduce the possibility of bodily injury, look and listen for evidence of rotation.

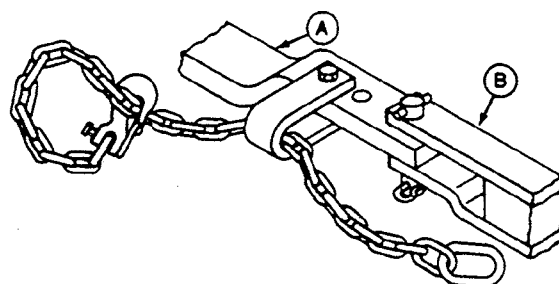
Do not open or remove shields until all components have stopped.
9. Be sure all hardware is tight and that blades are in good condition.
10. For tractors with transmission driven PTO's, even when the tractor clutch is disengaged, the rotary cutter blades and holder have enough momentum to drive the tractor forward.
11. Operate the cutter from the tractor seat only.
12. Do not allow riders on the cutter or tractor.
13. Use the recommended tractor front ballast.
14. Travel slowly over rough terrain.
15. Lower cutter to ground when leaving tractor and cutter unattended.

Transporting

1. When transporting cutter on public roads beware of traffic.
2. Slow moving vehicle (SMV) sign and reflectors must be in good condition.
3. Before transporting cutter on public roads at night or during the day, use accessory lights and devices for adequate warning to operators of other vehicles. In this regard check local government regulations. Various safety lights and devices are available from your John Deere dealer.
4. Transport cutter in the fully raised position.
5. Travel slowly over rough terrain.

Use A Safety Chain

A safety chain will help control drawn equipment (B) should it accidentally separate from the drawbar (A) while transporting. Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning. See your John Deere dealer for a chain with a strength rating greater than the gross weight of the towed machine.



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Service and Storage

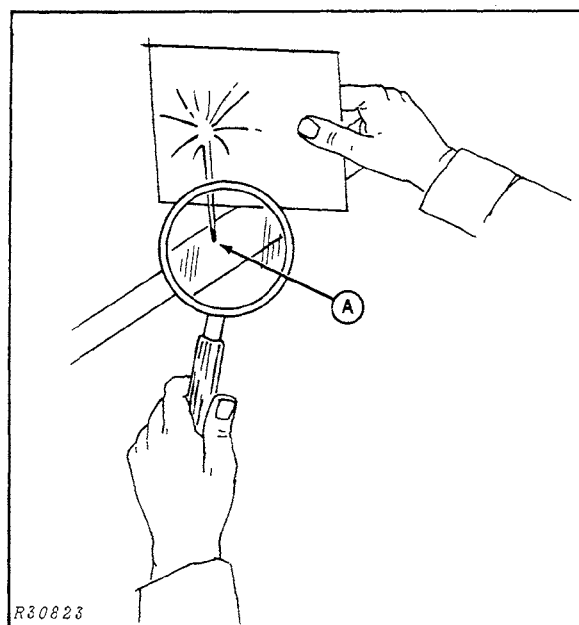
1. Disengage PTO, shut off tractor, and remove ignition key before cleaning, lubricating or adjusting the cutter.
2. Components behind shields may rotate for several minutes after power is shut off. To reduce the possibility of bodily injury, look and listen for evidence of rotation.

Do not open or remove shields until all components have stopped.

3. Use safety stands when working under a raised cutter.
4. Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting lines, 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 your hands, to search for suspected leaks.

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

5. Check hoses, fasteners and other parts for damage. Make necessary repairs.



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A—Pin Hole Leak



Preparing The Cutter

INTEGRAL

Lubrication

Lubricate cutter according to "LUBRICATION" pages 34 to 38.

Hardware

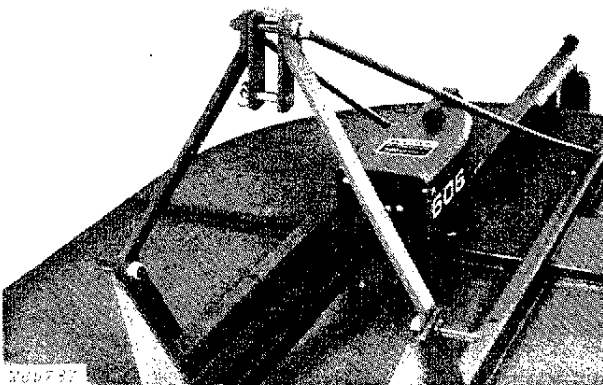
Tighten hardware according to torque chart on page 42.

Slip Clutch

Adjust slip clutch according to "ADJUSTING SLIP CLUTCH" page 29.

Category 1, 3-Point Hitch

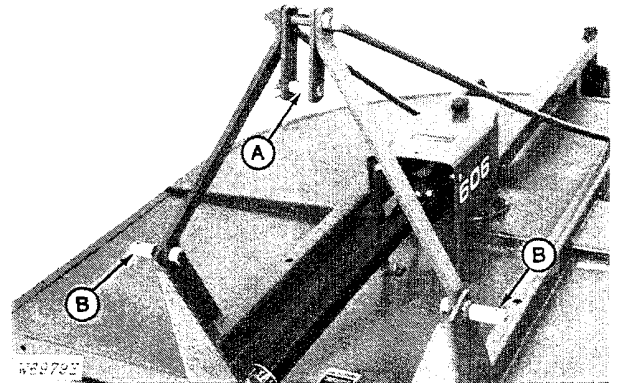
No adaptors are required to attach the cutter to a tractor with a Category 1, 3-point hitch.



Category 2, 3-Point Hitch with Closed-End Center Link

Adapter Bushing Kit AF2710R is required to attach the cutter to a tractor with a Category 2, 3-point hitch.

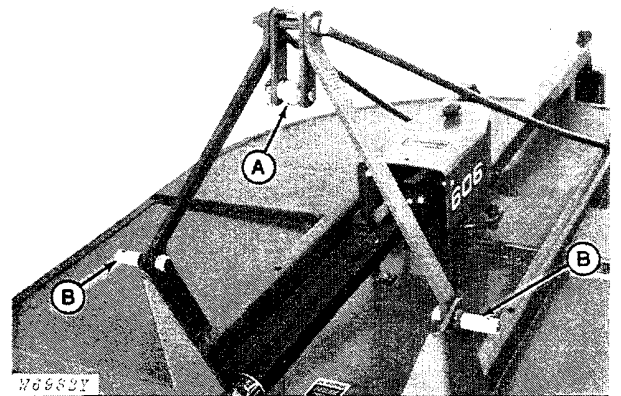
1. Install one T12553 Bushing (A) into upper link with R58262 Pin and Quik-Lock Pin.
2. Attach two R66433 Bushings (B) to lower links.



A—Upper Bushing
B—Lower Bushings

Category 2, 3-Point Hitch with Open-End Center Link

1. Install one F2680R Hitch Ball (A) into upper link with R58262 Pin and Quik-Lock Pin.
2. Attach two R66433 Bushings (B) to lower links.



A—Hitch Ball
B—Lower Bushings

IMPORTANT: The cutter is not designed for use with a Quik-Coupler.

PULL-TYPE

Lubrication

Lubricate cutter according to "LUBRICATION" pages 34 to 38.

Hardware

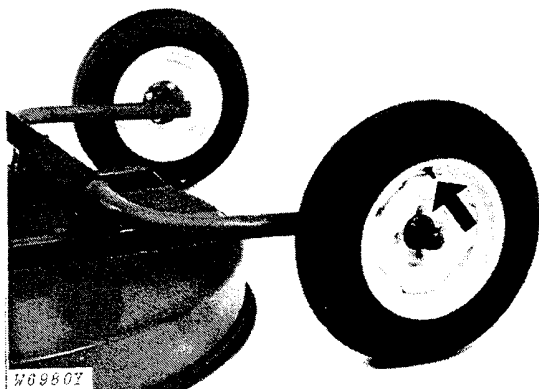
Tighten hardware according to torque chart on page 42.

Slip Clutch

Adjust slip clutch according to "ADJUSTING SLIP CLUTCH" page 29.

Tire Inflation

Inflate cutter tires to 28 psi (1.9 bar) (2 kg/cm²).



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