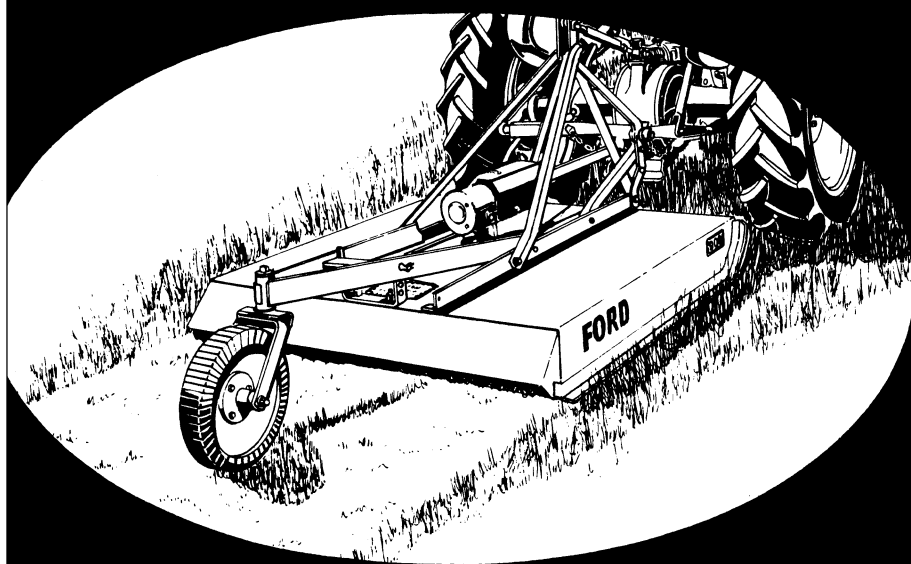


# FORD

## ROTARY CUTTER SERIES 908

# Operator's Manual

42090810



Ford Tractor Operations

Reprint

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# SAFETY PRECAUTIONS

The following precautions are suggested to help prevent accidents.

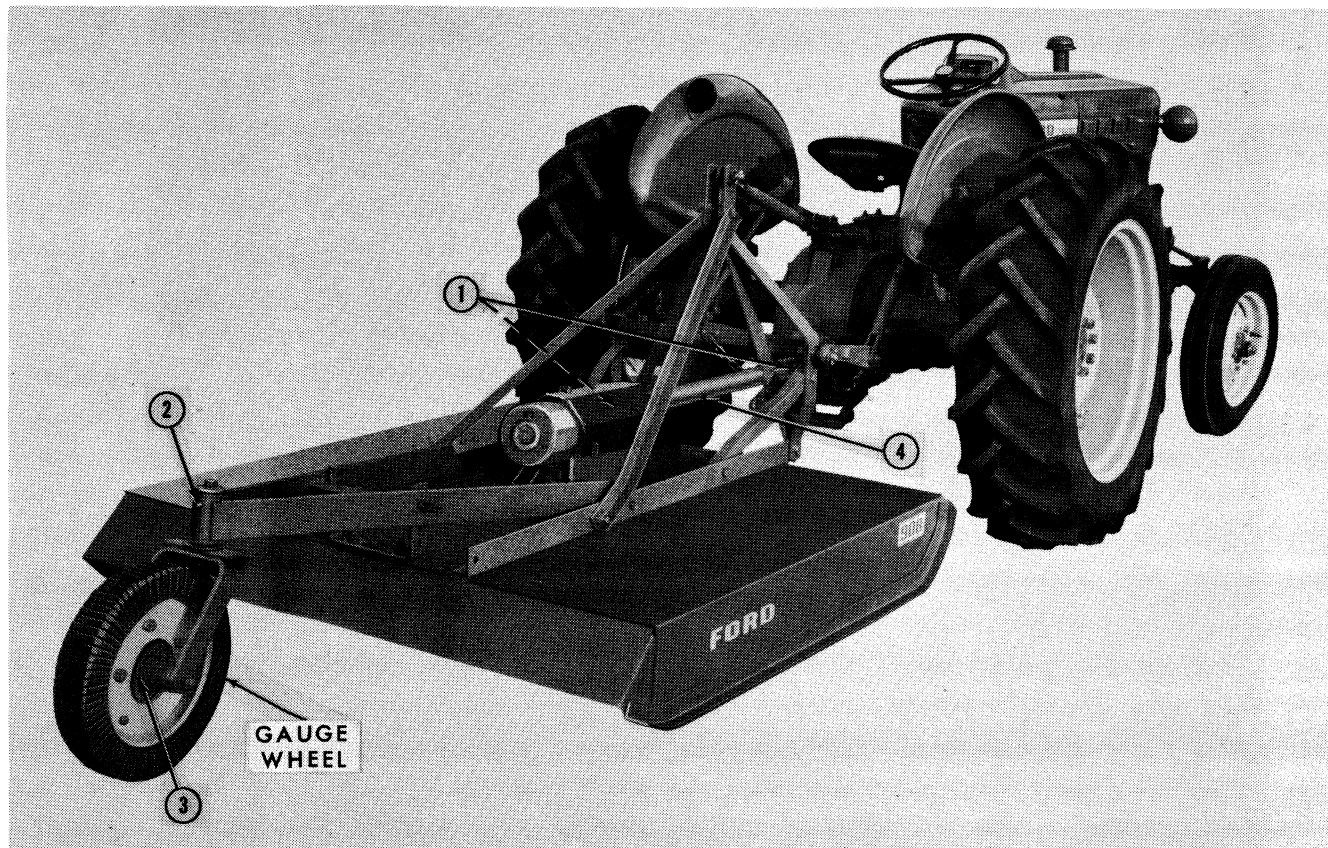
1. Read this manual carefully to acquaint yourself with the Rotary Cutter. Working with unfamiliar equipment can lead to accidents.
2. Use the handholds and step plates when getting on and off the tractor.
3. Familiarize yourself with all controls before attempting to operate the tractor.
4. Never start the engine while standing beside the tractor. Always sit in the tractor seat while starting the engine.
5. Do not bypass the safety starter switch. Consult your Ford Tractor-Equipment Dealer if your safety starter controls are malfunctioning.
6. Always use the seat belt only when the roll bar is installed. Never use the seat belt if the roll bar is removed from the tractor.
7. Do not permit anyone to ride on the tractor with the operator.
8. Never allow anyone to ride on the cutter.
9. Use care when operating on steep grades to maintain proper stability.
10. Keep the tractor in gear when going downhill.
11. Always keep the tractor brakes in good operating condition.
12. Never run the tractor engine in a closed building without adequate ventilation, as the exhaust fumes are very dangerous.
13. Always drive the tractor at speeds compatible with safety, especially when operating over rough ground, crossing ditches, slopes, or when turning.
14. Always use the drawbar for pull-type work. Never pull from the upper link or rear axle as the tractor can tip backward.
15. If the tractor is stuck, back out to prevent an upset. If logs are used, always put them behind the rear wheels and back out.
16. If the front end tends to rise, install front end or front wheel weights. Do not continue to operate with a "light" front end.
17. Use the flasher warning lamp when traveling on public roads, day or night, unless prohibited by law in your state.
18. Always bring the tractor to a complete stop, and shut off the engine before getting off the tractor.
19. Never park the tractor on a steep incline.
20. Never leave equipment in the raised position.
21. The operator should never get off the tractor while it is in motion..
22. When operating P.T.O.-driven equipment, always shut off the engine and wait for the P.T.O. to stop turning before getting off the tractor and before disconnecting the equipment..
23. Never wear loose clothing when operating the power take-off, or around equipment that is rotating.
24. When operating stationary P.T.O. equipment, always apply the parking brake and block the rear wheels both in front and back.
25. Never clean or adjust P.T.O.-driven equipment with the tractor engine running.
26. Make sure the P.T.O. shield is installed when using P.T.O.-driven equipment, and always replace the P.T.O. shield if damaged.
27. Always set the hydraulic selector lever in Position Control when attaching equipment, transporting equipment, and when no equipment is attached.
28. Never allow an open flame near the fuel tank or battery.

Whenever you see this symbol



it means:

**ATTENTION! BECOME ALERT!  
YOUR SAFETY IS INVOLVED!**



**Figure 1**  
**Series 908 – 60-Inch Rotary Cutter**

### GENERAL INFORMATION

The Ford 60-Inch, Series 908 Rotary Cutter, Figure 1, is a light-duty rotary blade cutter that is recommended for light-to-medium cutting, such as encountered in maintenance of pastures, airports, parks, vineyards, and orchards.

The cutter is designed for 540 rpm P.T.O. operation with tractors of 40 horsepower or less that have Category I lift linkage. A choice of drive lines and blade carriers are available. They are:

- Shear bolt drive line with standard or round blade-carrier.
- Slip clutch drive line with standard or round blade-carrier.

For information pertaining to the various attachments that are available, refer to page 11. The attachments may be purchased from your Ford Tractor-Equipment Dealer.

### PREPARING THE TRACTOR

#### WHEEL SPACING

The crop mashed down by the right-hand tractor wheels can be cut clean by setting the tractor right-hand wheels so the inside of the tires are outside of the area to be cut. This setting will provide a better cutting appearance, and allow a counterclockwise cutting of the work area. Clockwise cutting will cause the tractor right-hand tires to run over the uncut material on each round.

#### TRACTOR WEIGHTING

To provide better tractor stability when the cutter is operating over uneven terrain, the front of the tractor should be weighted with cast iron weights and/or the front tires should be filled with liquid ballast as outlined in your Tractor Operator's Manual.

#### TRACTOR DRAWBAR

Remove the tractor drawbar to prevent possible interference during cutter operation.

## PRE-OPERATION

### LIFT LINKAGE

Set the left lift link length (if adjustable) to the nominal length specified in your Tractor Operator's Manual. Attach optional lower link stabilizers to prevent side-to-side movement of the cutter. See your Ford Tractor-Equipment Dealer.

### ATTACHING THE CUTTER

1. Back the tractor to the cutter.
2. Lower the tractor hydraulic lift control lever and secure the tractor lower links, Figure 2, to the cutter hitch pins. Secure the links with linch pins. Attach the upper link to the flexible A-frame bracket (optional equipment); then adjust the upper link as outlined below under "Height-Of-Cut-Adjustment".

**IMPORTANT:** *Optional lower link stabilizer bars are necessary to prevent side-to-side movement.*

**NOTE:** *The flexible A-frame bracket is not recommended for use with the Ford 2110 or 4110 LCG Tractors because the drive line contacts the front of the cutter frame when the cutter is raised.*

3. Stop the tractor engine and disengage the tractor P.T.O.
4. Remove the tractor P.T.O. shaft cover and place a few drops of oil on the P.T.O. shaft.

**IMPORTANT:** *Check to be sure that the tractor P.T.O. shaft is a 6-spline shaft, and that the tractor P.T.O. speed shift lever (if installed) is positioned to operate at 540 rpm.*

5. Push the spring-loaded pin, shown at (1), Figure 2, on the cutter drive shaft, inward; then slide the universal joint over the tractor P.T.O. shaft until the pin locks in place. If the tractor P.T.O. shaft is not grooved to accommodate the spring-loaded pin, secure the universal joint to the shaft with a 5/16" x 2-1/2" machine bolt, lock washer, and nut.

6. Install the tractor P.T.O. shaft shield.

### HEIGHT-OF-CUT ADJUSTMENT

To achieve maximum cutting efficiency and provide the most uniform cut, the cutter is normally operated in a level position. However, in heavy cutting, it may be desirable to operate with the front of the cutter slightly higher than the rear. Height-of-cut leveling adjustments are as follows:

#### Cutters without Gauge Wheel or Flexible A-Frame Bracket

1. Place the tractor hydraulic selector lever in position control.

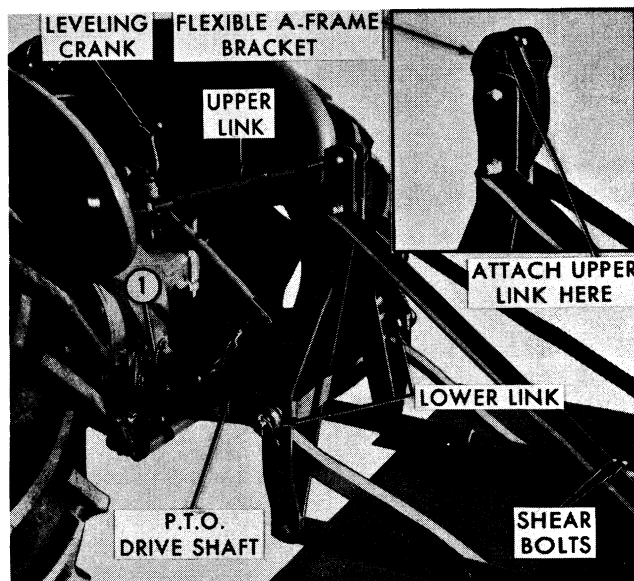


Figure 2

Cutter Attached to the Tractor - P.T.O. Shield Removed for Illustration Purposes

2. Move the tractor and attached cutter to a level surface.
3. *Slowly* lower the cutter with the hydraulic lift control lever to the desired height-of-cut. Then position the adjustable stop on the quadrant against the lift control lever so the cutter can be returned to the same cutting height.

4. Level the cutter front-to-rear with the adjustable upper link, Figure 2, so the front of the cutter is 1/2 to 1 inch higher than the rear.
5. Level the cutter side-to-side with the right-hand lift link leveling crank.

#### Cutters with Gauge Wheel, but without Flexible A-Frame Bracket.

1. Place the tractor hydraulic selector lever in draft control.
2. Move the tractor and the attached cutter to a level surface.
3. Raise the cutter off the ground with the hydraulic lift control lever.
4. Adjust the height-of-cut by removing the cotter hairpin and support rod, Figure 3, then raise or lower the gauge wheel support to the desired height of cut and reinstall the support rod in the respective set of holes. Secure in place with the cotter hairpin.

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