FORM NO. 3310-629

TORO®

MODEL NO. 30748

OWNER'S MANUAL

48" SNOW BLOWER ATTACHMENT FOR GROUNDSMASTER 72

ASSEMBLY

1. Remove the cutting unit according to the instructions in your Groundsmaster 72 Owner's Manual Form No. 3310-586.
2. Grease the outside of the flange and the groove on the discharge opening.
3. Remove the slip ring from the chute and install it in the groove.
4. Set the chute in place and bolt it to the slip ring. Make sure chute rotates freely.
5. Install the chain around the upper sprocket and the chute, and secure with the connecting links and spring clips.
6. Check the chain tension on upper sprocket and adjust if necessary by moving mounting bracket shown in Figure 2.

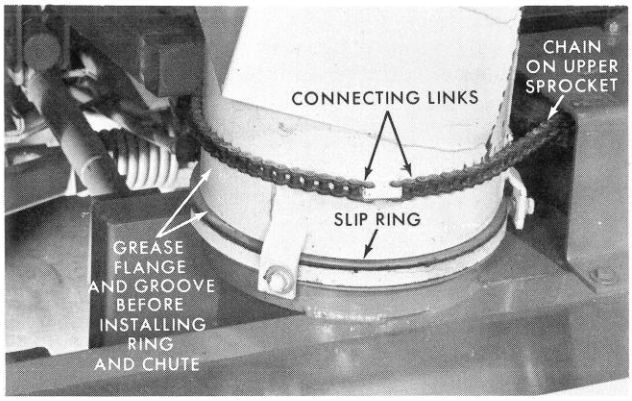


Figure 1

7. Install the motor mount to the underside of the bracket as shown in Figure 2.
8. Install the chain around the lower sprocket and secure with the connecting link and spring clip. Adjust chain so there is about ¼ inch of slack.

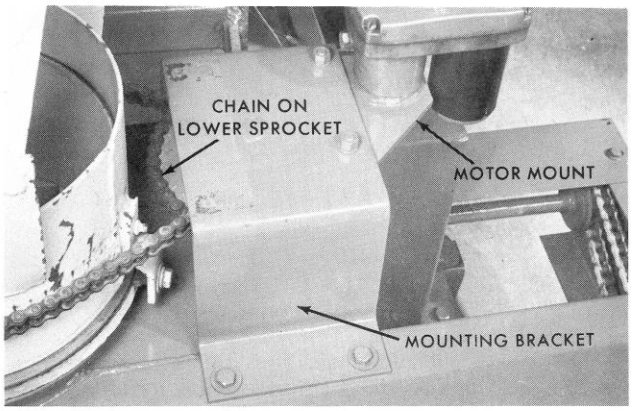


Figure 2

9. Remove the existing lift arm from the Groundsmaster and install the new arm. See Figure 6. Install the chain shield and adjust it close to the chute.

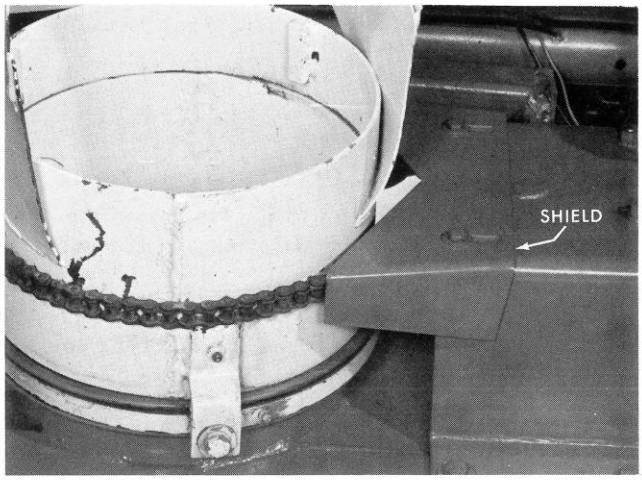


Figure 3

10. Attach the push arms to the snow blower frame as shown in Figures 4 and 5.
11. Attach the drive shaft to the spline and secure with the roll pin. See Figure 5.

IMPORTANT: The yokes of the drive shaft must be in phase (in line).

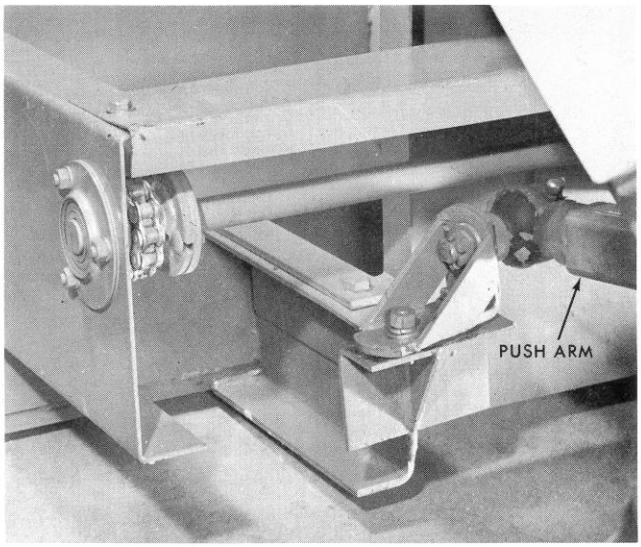


Figure 4

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Price $1.00

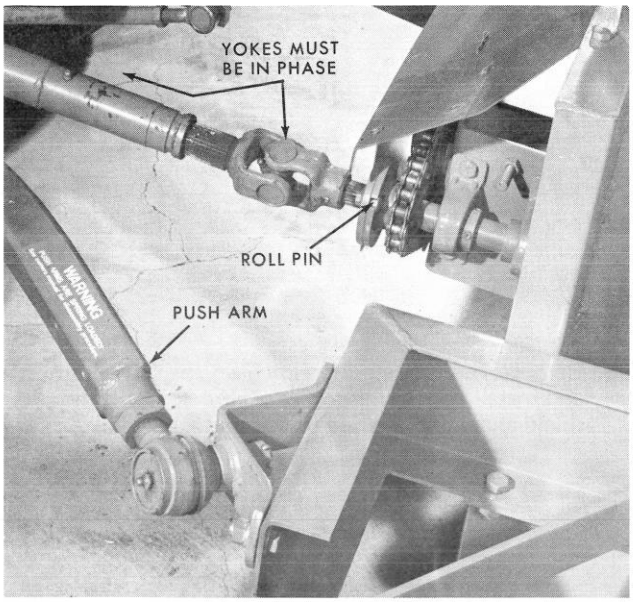


Figure 5

12. Attach the new lift arm to the bracket on the snow blower frame with the large pin and cotter pin as shown in Figure 6.
13. Check the chain tension and adjust if necessary with the jack screw shown in Figure 6. Adjust chain so there is about ½ inch slack.

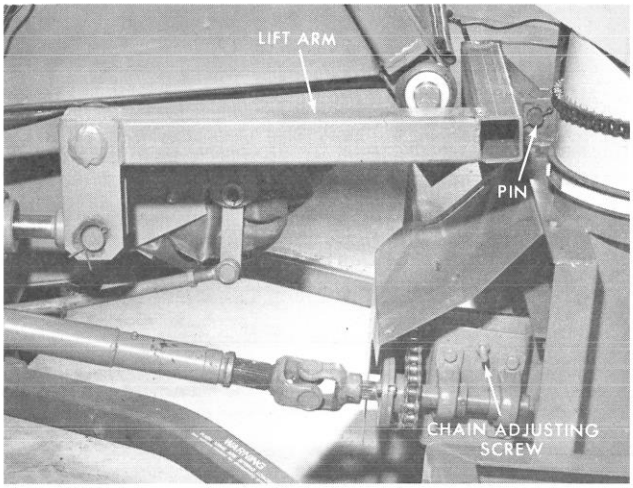


Figure 6

14. Install the chain shield.

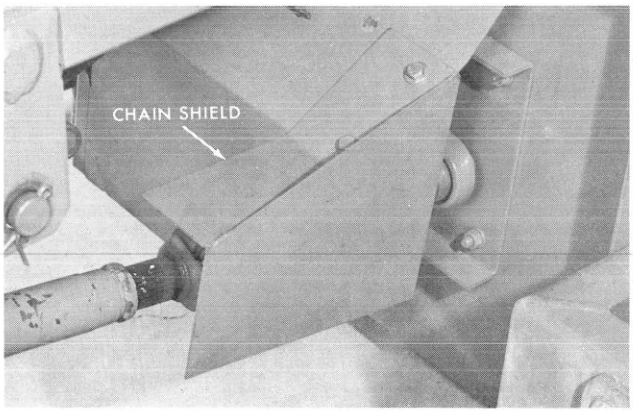


Figure 7

15. Clamp the switch assembly to the steering column as shown in Figure 8. Join the short wires to the wires leading from the motor. Cover the wire and switch terminals with electrician's tape.
16. Run the long wires from the switch down the steering column and across the front frame to the right side.

NOTE: The Groundsmaster 72 shown in this bulletin is equipped with a cab. Depending on the equipment on your unit, locate and secure the wires where convenient and out of the way of the controls.

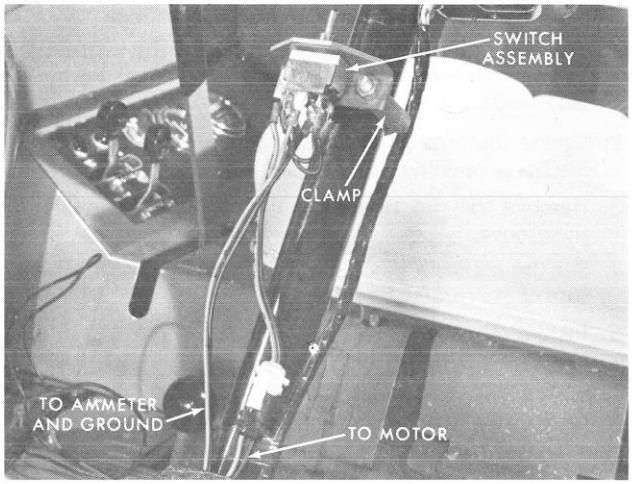


Figure 8

17. Attach one of the long wires to the bottom left post on the ammeter. (Either wire can be used.)

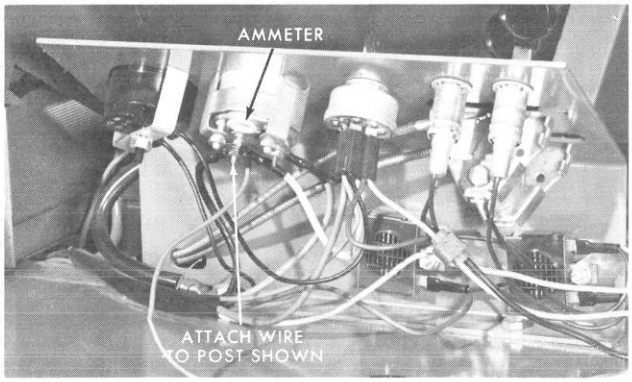


Figure 9

18. Connect the remaining long wire to a convenient ground.

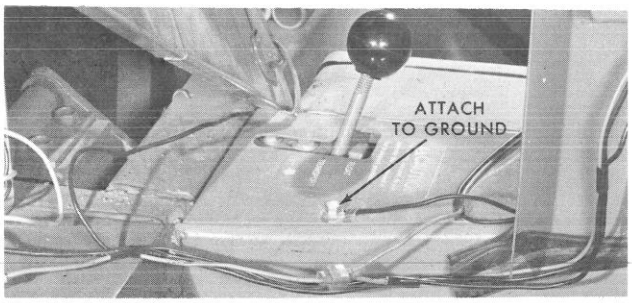


Figure 10

NOTE: The engine does not have to be running or the switch "ON" to operate the chute motor. If chute rotates in opposite direction switch is actuated, rotate switch 180° in mounting bracket.

OPERATION AND MAINTENANCE

The adjustable skids can be adjusted up or down depending on the surface to be plowed. On smooth surfaces, adjust so the leading edge of the auger housing is as low as possible. On gravel or other rough surfaces, adjust as high as necessary to clear the surface. Adjust both sides evenly. See Figure 11.

Keep the auger drive chain adjusted so there is about ½ inch slack in the long side.

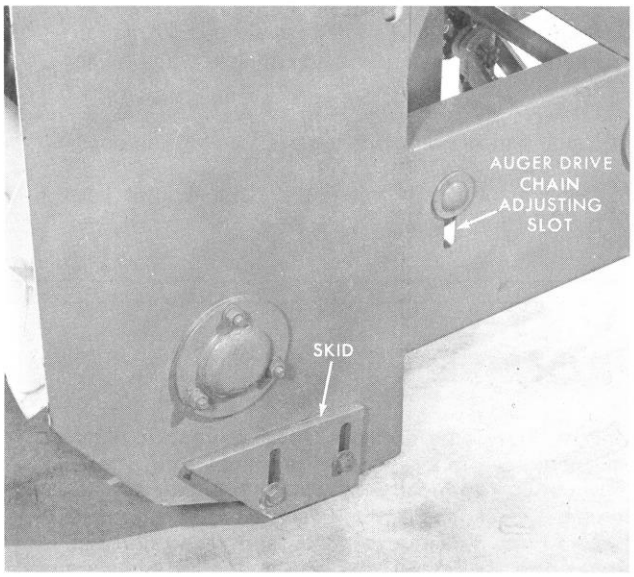


Figure 11

To change the deflector angle, pivot the adjustor lock upward, move the adjusting handle to the desired position over the pin, and lower the adjustor lock.

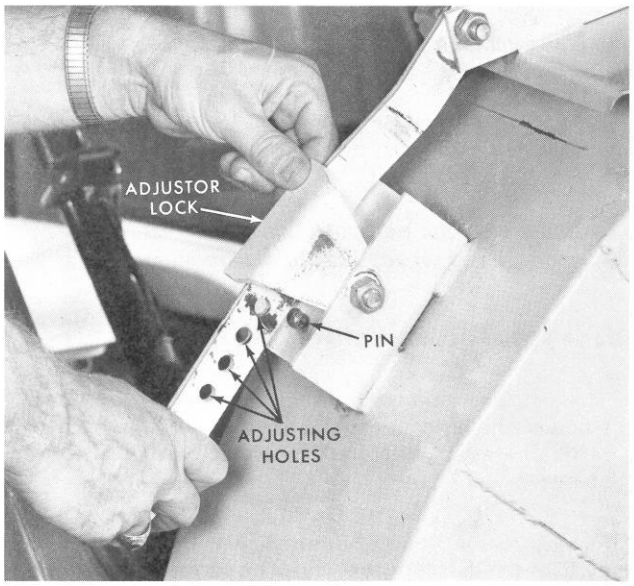


Figure 12

Figures 13 and 14 show the two shear bolts that protect the mechanism. If one or both shear, determine the cause and make any corrections necessary.

Replace the shear bolts with ¼ x ¾ inch Grade 2 carriage bolts.

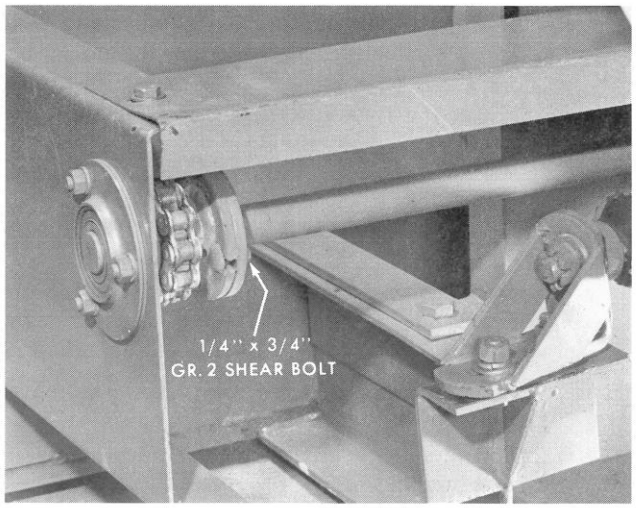


Figure 13

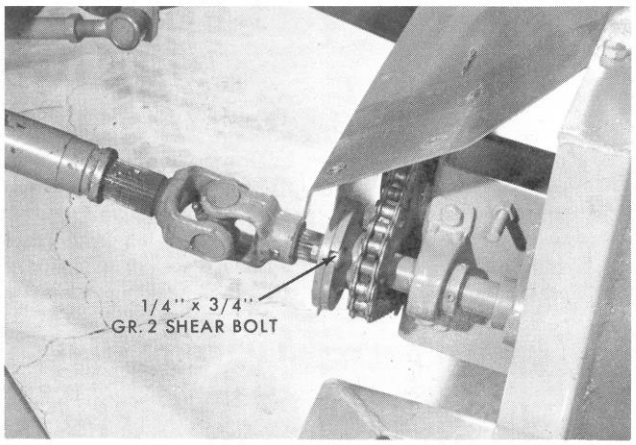


Figure 14

Service the grease fittings shown in Figure 15 daily with a good grade of chassis lubricant.

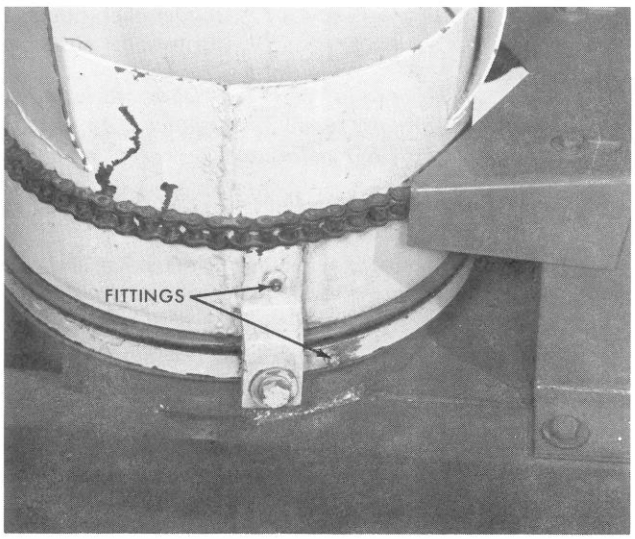


Figure 15

NOTE: When using the snowblower, part no. 24-5780 rear weight kit is required and part no. 11-0390 tire chains are recommended.

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Owner's Manual. If such a change apparently has been made in your unit, which is not reflected in your manual, see your TORO distributor or his Authorized TORO Service Dealer for information and part numbers.

IMPORTANT ORDERING INSTRUCTIONS

Repair parts are available from your Authorized TORO Service Dealer. To insure getting correct parts without delay, furnish the following information:

1. Serial number of your unit as shown on the name plate.
2. Part number, description, and quantity of each part required.
3. State whether parts should be shipped by mail or express. All repair parts are shipped F.O.B. Factory.
4. Name and address where parts are to be shipped.
5. Do not order by reference number; use part number only.

THE TORO PROMISE

It is Toro's policy to design and produce TORO products to provide our customers with a high level of performance and durability in normal operation. Our products, however, are produced in high volume, and it is inevitable that occasionally a unit will reach a customer with a defect in materials or workmanship which causes that unit to fall below the normal high level of TORO performance. Invariably, such a defect will be noticed in a residential product within one year, and in an institutional product within ninety days after purchase. Recognizing this possibility, Toro has established a simple guarantee policy and procedure that is intended to assure customer satisfaction. This guarantee statement is as follows:

The Toro Promise

The Toro Company promises to repair any TORO product for the original purchaser if defective in materials or workmanship. The following time periods from the date of purchase apply:

Residential products	1 year
Residential products used commercially	45 days
Institutional products	90 days

The costs of parts and labor are included, but the customer pays the transportation costs. Just return any residential product to an Authorized TORO Service Dealer, or any institutional product to a TORO distributor.

Should you feel that a product is defective, and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact any TORO dealer or distributor, but preferably the dealer or distributor from whom you purchased the product.
2. He will instruct you to either return the product to him, or tell you the name and address of your nearest Authorized TORO Service Dealer if the product is to be returned to such dealer.
3. Take the product and your original sales slip, or other evidence of purchase date, to the servicing dealer.
4. The servicing dealer will inspect the unit, advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra charge to you.

If for any reason you are dissatisfied with the dealer's analysis of the defect or the service he performs, we urge you to contact us. Write:

TORO "Customer Care" Department
8111 Lyndale Avenue South
Bloomington, Minnesota 55420

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