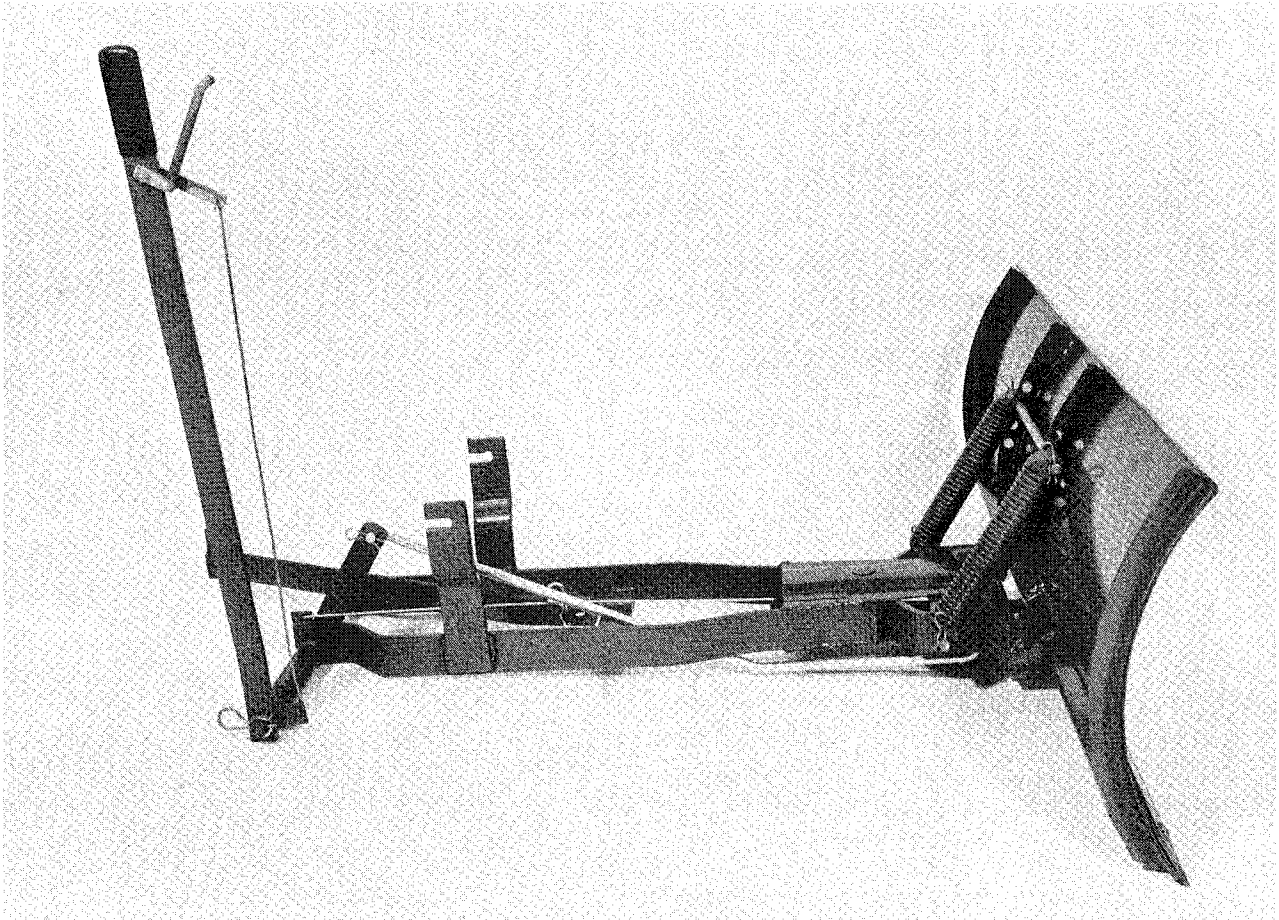


OPERATING AND MAINTENANCE INSTRUCTIONS

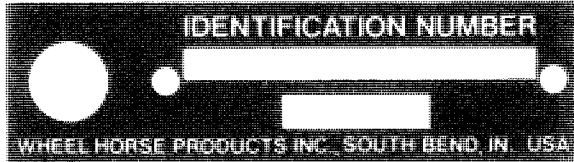


WHEEL HORSE
lawn & garden tractors

SNOW BLADE
42 in. (107 cm)

VEHICLE IDENTIFICATION (VIN) NUMBER

A Vehicle Identification Number identifies your Wheel Horse attachment. This number should always be referred to when consulting with your dealer or the factory concerning service, replacement parts, or questions you may have. If the VIN plate is removed during repair operations it should always be replaced. For your reference, record below the number from the VIN plate on your attachment.



ASSEMBLY

IDENTIFICATION OF PARTS (Fig. 1)

The Snow Blade is shipped complete in one carton. Unpack all the parts from the carton and identify them as shown in Fig. 1.

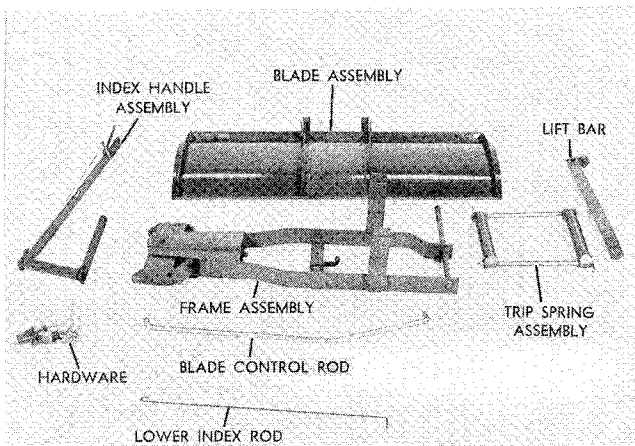


FIG. 1. Snow Blade Package

INSTALL INDEX HANDLE TO FRAME (Fig. 2)

Locate the frame assembly, index handle assembly, two $\frac{3}{4}$ washers and the one large hairpin cotter. Slide one $\frac{3}{4}$ washer onto the long shaft located at the rear of the frame assembly. Install the index handle assembly onto the shaft and secure with a $\frac{3}{4}$ washer and hairpin cotter (Fig. 2).

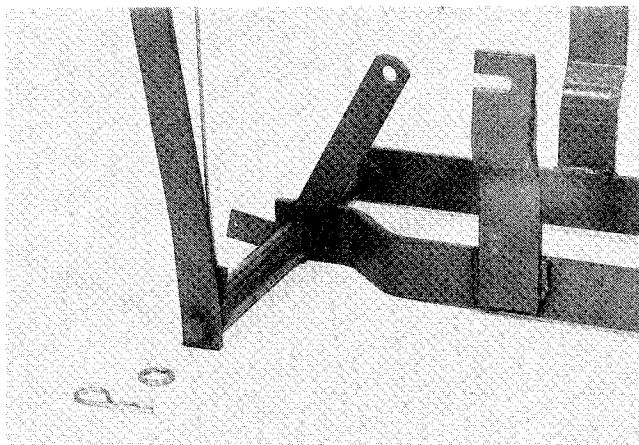


FIG. 2. Attach Index Handle to Frame

INSTALL LOWER INDEX ROD (Fig. 3 & 4)

Locate the lower index rod. The lower index rod has a hook at one end and an "L" at the other. Install the hook end through the small inside bracket of the index handle assembly (Fig. 3). Insert the "L" end of the rod through the indexing pin that is installed in the frame assembly (Fig. 4). Bend the end of the rod over to secure it in place. The sector and channel can now be indexed by squeezing the index lever and turning the sector and channel assembly. Turn the sector and channel assembly so the face is at a 30° angle left of the frame.

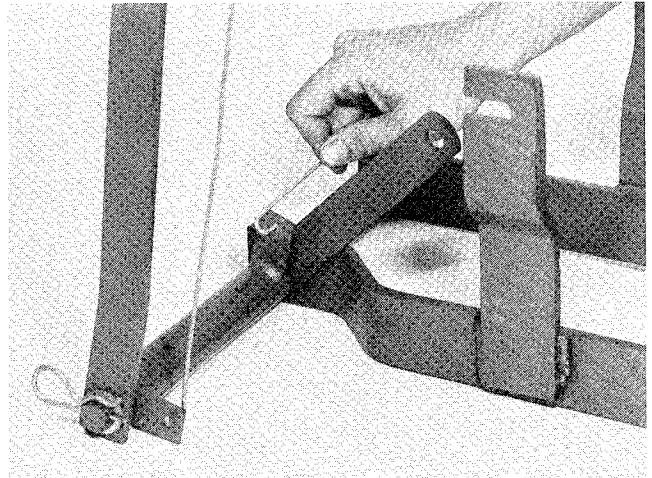


FIG. 3. Lower Index Rod, Rear Installation

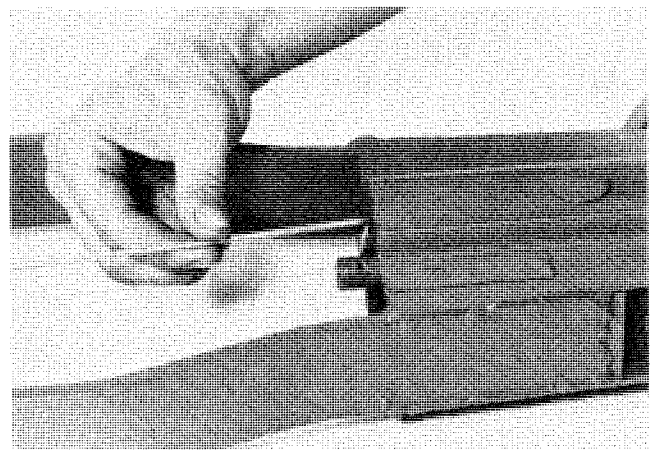


FIG. 4. Lower Index Rod, Front Installation

INSTALL BLADE CONTROL ROD (Fig. 5 & 6)

Locate the blade control rod and two of the smaller remaining hairpin cottes. The rod has a slight bend about $\frac{1}{4}$ in. (6.4 mm) from the front. Install the front of the rod through the bottom of the sector and channel and secure with a hairpin cotter (Fig. 5). Install the back of the rod through the large inside bracket of the index handle assembly and secure with a hairpin cotter (Fig. 6).

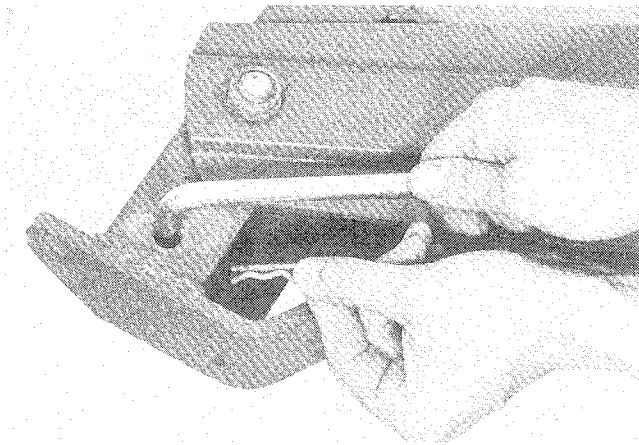


FIG. 5. Blade Control Rod, Front Installation

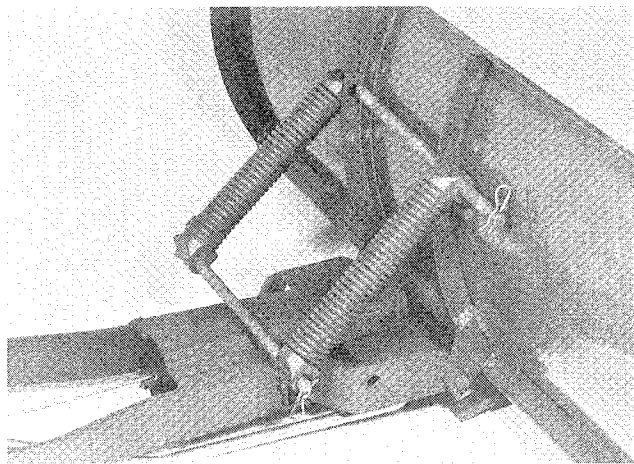


FIG. 8. Attach Trip Springs to Blade

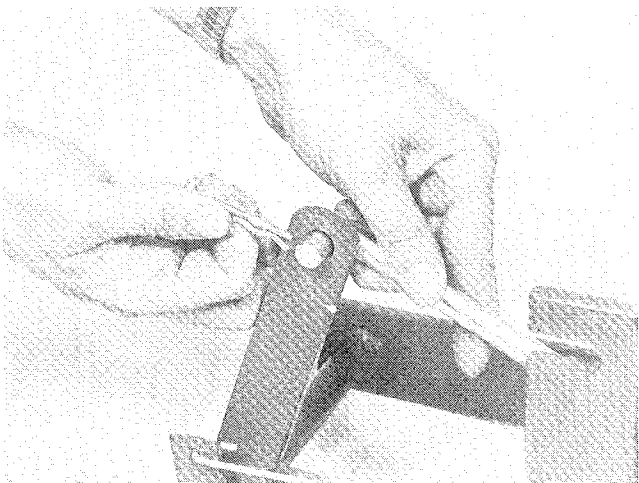


FIG. 6. Blade Control Rod, Rear Installation

INSTALL BLADE ASSEMBLY TO FRAME (Fig. 7, 8 & 9)

Locate the blade assembly, the two trip spring assemblies, one short mounting rod, two long mounting rods, the four remaining small hairpin cotter pins, and two cotter pins. Align the lower mounting holes of the blade assembly with the front holes of the sector and channel assembly. Install the short mounting rod and secure with two cotter pins (Fig. 7).

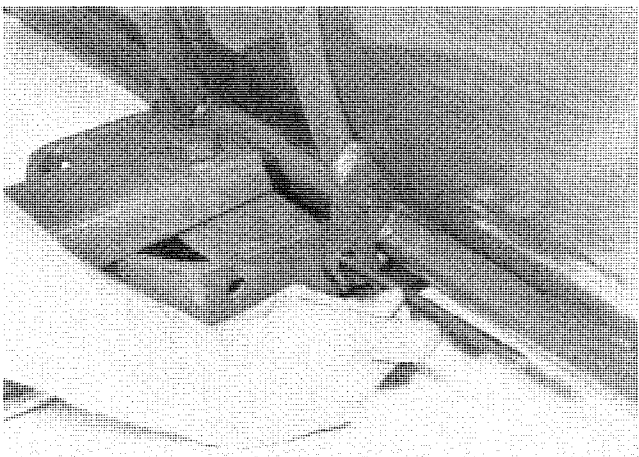


FIG. 7. Install Lower Mounting Rod

Mount the trip spring assemblies by inserting the mounting rod through the second hole from the top of the blade. Secure with two hairpin cotter pins (Fig. 8).

Mount the bottom of the springs to the rear hole of the sector and channel assembly (Fig. 9). Secure with two hairpin cotter pins.

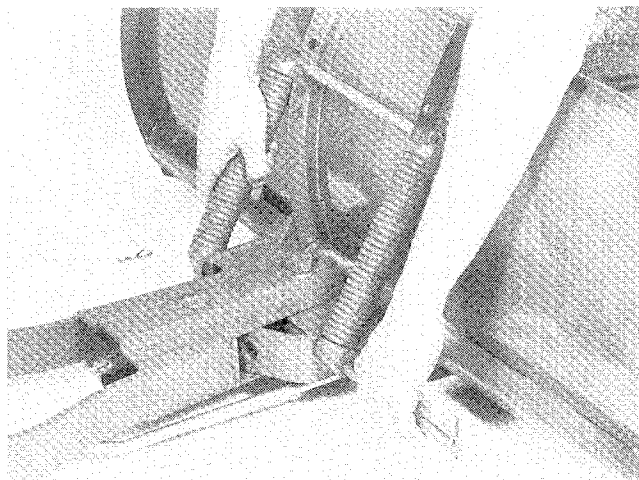


FIG. 9. Attach Trip Springs to Sector and Channel Assembly

FINAL ASSEMBLY

The end of the lift bar with the elongated hole attaches to the "L" shaped rod welded to the frame assembly. Secure the lift bar to the rod with a $\frac{5}{8}$ washer and hairpin cotter.

Tighten the $\frac{1}{4}$ -20 x 1 bolt that holds the index lever to the index handle. Tighten the $\frac{3}{4}$ -16 x $3\frac{3}{4}$ bolt that secures the sector and channel to the frame assembly.

INSTALLATION

POSITION BLADE UNDER TRACTOR (Fig. 10)

Drive the tractor up to the blade, as shown in Fig. 10. Place a short piece of 2 x 4 in front of the index handle shaft. Drive the tractor over the shaft onto the 2 x 4, and move forward until the tractor axle passes over the mounting frame brackets.

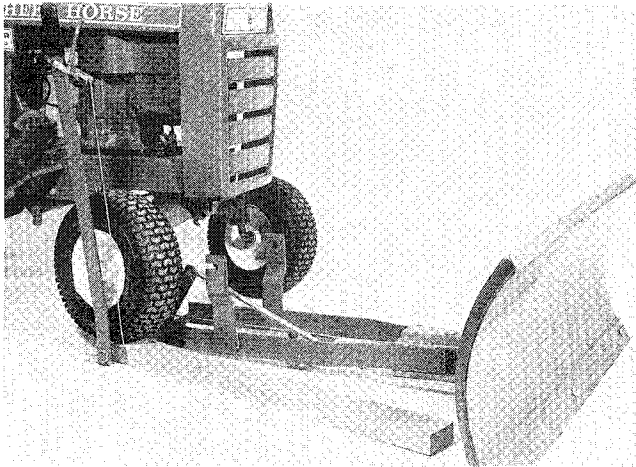


FIG. 10. Drive the Tractor over Index Handle Shaft

MOUNTING THE BLADE (Fig. 11, 12 & 13)

1974 A-800, 1975 A-80 TRACTORS

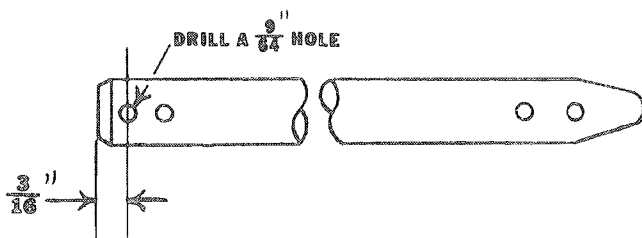


FIG. 11. Drill $\frac{3}{8}$ " Hole in Rod (1974-75 Tractors)

To attach the mounting frame to a 1974 or 1975 tractor it is necessary to drill a $\frac{3}{8}$ " hole $\frac{3}{16}$ in. (4.8 mm) from the flat end of the rod running through the frame (Fig. 11).

Attach the mounting frame to the long rod running through the frame. Secure with the two mounting clips and two hairpin cotters as shown in Fig. 12.

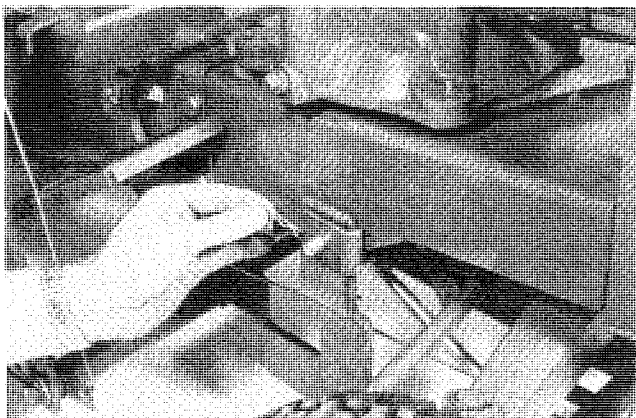


FIG. 12. Mount the Blade to Tractor

1976 and 1977 A-90 and A-100 TRACTORS

Attach the mounting frame to the pins protruding from the tractor frame behind the front axle. Secure with two mounting clips, two washers and two hairpin cotters.

ATTACH LIFT BAR (Fig. 13)

Align the lift bar with the hole in the bottom of the tractor's lift lever. Secure the lift bar with a clevis pin and hairpin cotter (Fig. 13).

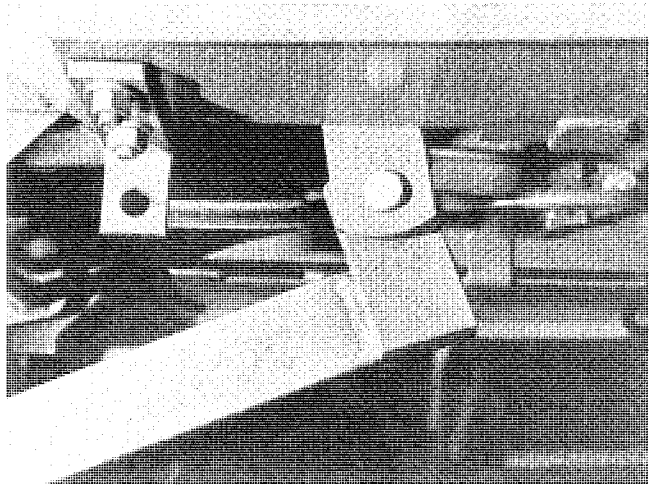


FIG. 13. Attach Lift Bar to Tractor Lift Lever

REMOVAL

The blade is easily removed from the tractor by following these simple steps.

1. Lower the lift lever and disconnect the lift bar from the tractor.
2. Remove mounting clips and lower mounting frame.
3. With a short piece of 2 x 4 placed BEHIND the index handle shaft, back tractor away from blade.

OPERATION AND ADJUSTMENT

This blade is designed for removing light snowfalls. It should not be used for pushing dirt, sand, gravel or in any other application other than light snow removal. Tire chains may be added to the rear tires to improve traction on slippery surfaces.

Clearing snow from a driveway is usually done by making the first pass down the center of the drive, pushing snow off to the sides on the following passes.

The blade can be indexed to 3 positions (30° left, center, and 30° right) from the driver's seat. This is done by squeezing the release lever and either pushing, or pulling the handle to the desired position. Releasing the lever will lock the blade in position. The blade can be lifted or lowered by using the attachment lift.

The blade "Trip Springs" can be mounted in one of four positions on the blade. The top position provides the maximum aggressiveness, and the bottom hole provides the minimum aggressiveness. Under normal conditions the second hole from the top is generally recommended.

⚠ CAUTION ⚠

Avoid hitting solid objects with the blade, as this could result in damage to the blade and injury to the operator. Always travel at a safe, slow speed.

MAINTENANCE AND STORAGE

Before operation, make sure all bolts are tight and cotter pins are in place. Excessive play in the pivot sector can be removed by tightening the large pivot bolt.

A light grade of machine oil should be applied to all moving parts before initial operation, and after every ten hours of use. Oil holes are provided in the indexing handle shaft.

The blade edge is reversible and replaceable. When the edge becomes worn, remove the attaching bolts and turn the blade edge plate over, providing a new cutting edge.

Like all mechanical equipment, the blade should be cleaned frequently. Wash the blade using a garden hose. During the snow season, when washing is impractical, avoid areas exposed to road salt. Thoroughly clean the blade at the end of the season.

Exposed bare metal surfaces should be coated with oil or grease to prevent rust until permanent repairs can be made. Aerosol cans of "Wheel Horse Red" touch up paint are available through your Authorized Wheel Horse Dealer.

Store the blade in a clean, dry place or protect it with a weather-proof cover if stored outdoors.

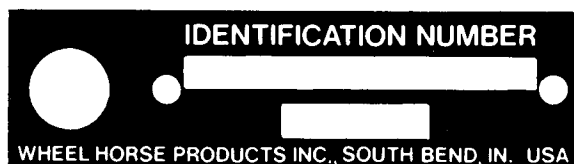
A separate parts manual for your Wheel Horse attachment can be obtained by completing the form below and sending it, along with a check or money order, to the address below.

Attachment parts manuals include listings for more than one attachment, and may contain parts lists for other Wheel Horse implements you own. Therefore, it is suggested that you request parts manuals for your attachments one at a time to avoid receiving duplicate manuals.

**PARTS DEPARTMENT
WHEEL HORSE PRODUCTS, INC.
515 W. Ireland Road
South Bend, Indiana 46614**

**ATTACHMENT
PARTS MANUAL ORDER FORM**

Enter number shown on your attachment:



I have enclosed a check or money order for \$1.00 for each manual requested.

MAILING LABEL — PLEASE PRINT CLEARLY

To:

Name _____

Address _____

City _____

State _____

Zip _____



Product information and specifications are shown herein as of the time of printing. Wheel Horse Products, Inc. reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligation.