

# ASSEMBLY, OPERATING INSTRUCTIONS AND PARTS LIST FOR DISC HARROW FOR SUBURBAN RIDING TRACTOR

MODEL NUMBER 917.60604

The Model Number will be found on a plate attached to the Frame. Always mention the Model Number in all correspondence regarding the DISC HARROW or when ordering repair parts.

## HOW TO ORDER REPAIR PARTS

All parts listed herein may be ordered through SEARS, ROEBUCK AND CO. or SIMPSONS-SEARS LIMITED. When ordering parts by mail from the mail order house which serves the territory in which you live, selling prices will be furnished on request or parts will be shipped at prevailing prices and you will be billed accordingly.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION AS SHOWN IN THIS LIST:

1. The PART NUMBER.
2. The PART NAME.
3. The MODEL NUMBER - 917.60604.
4. The NAME of implement - DISC HARROW.

## COAST TO COAST NATION-WIDE SERVICE FROM SEARS



SEARS, ROEBUCK AND CO. and SIMPSONS-SEARS LIMITED in Canada back up your investment with quick, expert mechanical service and genuine SEARS replacement parts.

If and when you need repairs or service, call on us to protect your investment in this fine piece of equipment.

SEARS, ROEBUCK AND CO.—U.S.A.  
SIMPSONS-SEARS LIMITED—CANADA

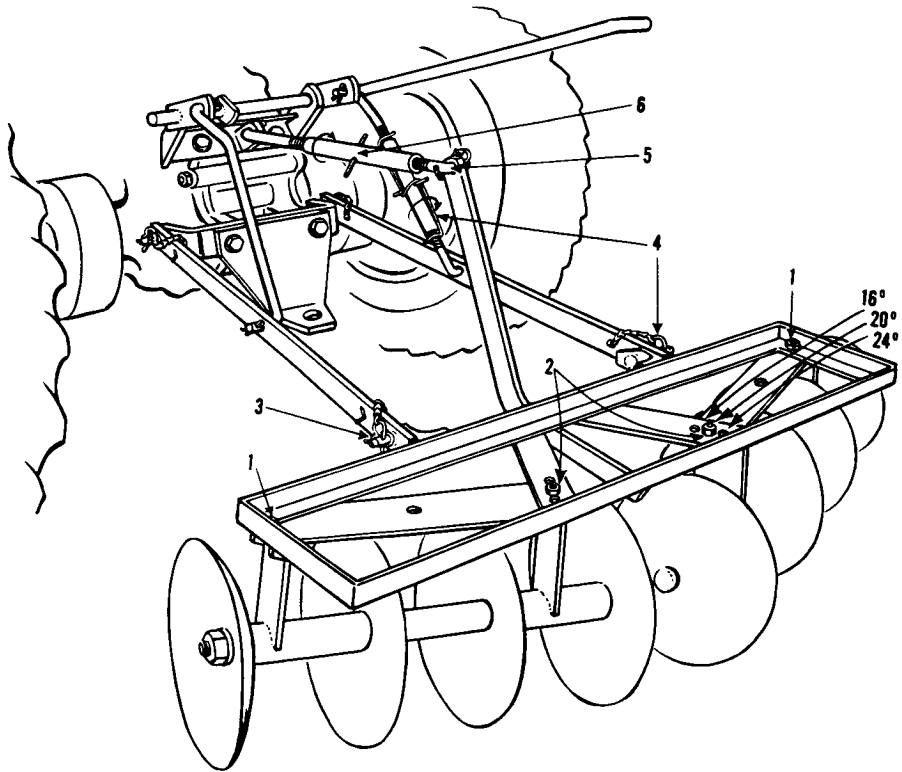
# INTRODUCTION

Your Disc Harrow should be used immediately after plowing to break up the lumps of soil. It can be used on all jobs and purposes for which a large disc harrow is used, and will accomplish results highly desired for good seed bed preparation. It can also be used for cultivation between rows and leveling. By using the disc harrow in conjunction with the plow, and drag harrow, a perfect seed bed can be prepared.

Each Disc Harrow is given a thorough inspection before shipment; however, it is very important that it be again thoroughly checked at the time of receipt, to ascertain if any damage has occurred in transit. Your shipment consists of the following package:

One bundle - Number 606x4 -- Containing the gang assemblies and frame.

Sears, Roebuck and Co., or Simpsons-Sears Ltd. reserves the right to make any changes in design or improvements without imposing any obligation to install the same upon its implements heretofore manufactured.



**FIGURE A**

Setting-Up and Operating Instructions should be studied very closely before beginning to assemble your Disc Harrow.

REVISED 3-63

# SETTING UP INSTRUCTIONS

A number in the following instructions refers to an arrow in the drawing on page 2. When R.H. (Right Hand), or L.H. (Left Hand), are used, it should be understood to mean from a position behind and facing the Disc Harrow or direction of travel.

1. Remove four bolts, illustration 1 and 2, and turn frame over so that center bar is pointed up as shown.

NOTE: Assemble inner bolts (2), in the center hole, and tighten all bolts securely.

## INSTRUCTIONS FOR ASSEMBLING DISC TO TRACTOR

NOTE: See Tractor Instruction Book for assembling three point hitch.

1. Refer to illustration 3. Back tractor into position to attach Disc Harrow and slip L.H. link over L.H. link pin on Disc Harrow and secure with spring retainer.
2. Refer to illustration 4. Slip R.H. link over R.H. link pin on Disc Harrow and secure with spring retainer.

NOTE: R.H. lift link is adjustable. Rotate turnbuckle so that R.H. bottom link slides over R.H. link pin on Disc Harrow easily.

3. Refer to illustration 5. Assemble top link to Disc Harrow as shown and secure with spring retainer.

## LUBRICATION

Give two shots of grease to each bearing (four), every two hours. For location of grease fittings, refer to page 4, Figure B, illustration 7.

When Disc is stored, clean blades thoroughly and coat each blade with grease or rust preventive.

## OPERATING INSTRUCTIONS

### ANGLE OF CUT

There are three positions for angling of gangs. Note the three holes where each gang is bolted to the frame in the center. The rear hole angles each gang approximately  $24^\circ$ , the center hole approximately  $20^\circ$  and the front hole approximately  $16^\circ$ . Setting the gangs in the rear holes ( $24^\circ$  angle), will cause the Disc to penetrate deeper, if the Disc does not penetrate deep enough, more weight can be placed on the frame. In loose or soft earth the angle should probably be reduced to prevent over loading the tractor.

### DOUBLE DISCING

For best results, (more uniform and level preparation of soil), lap half the width of Disc path.

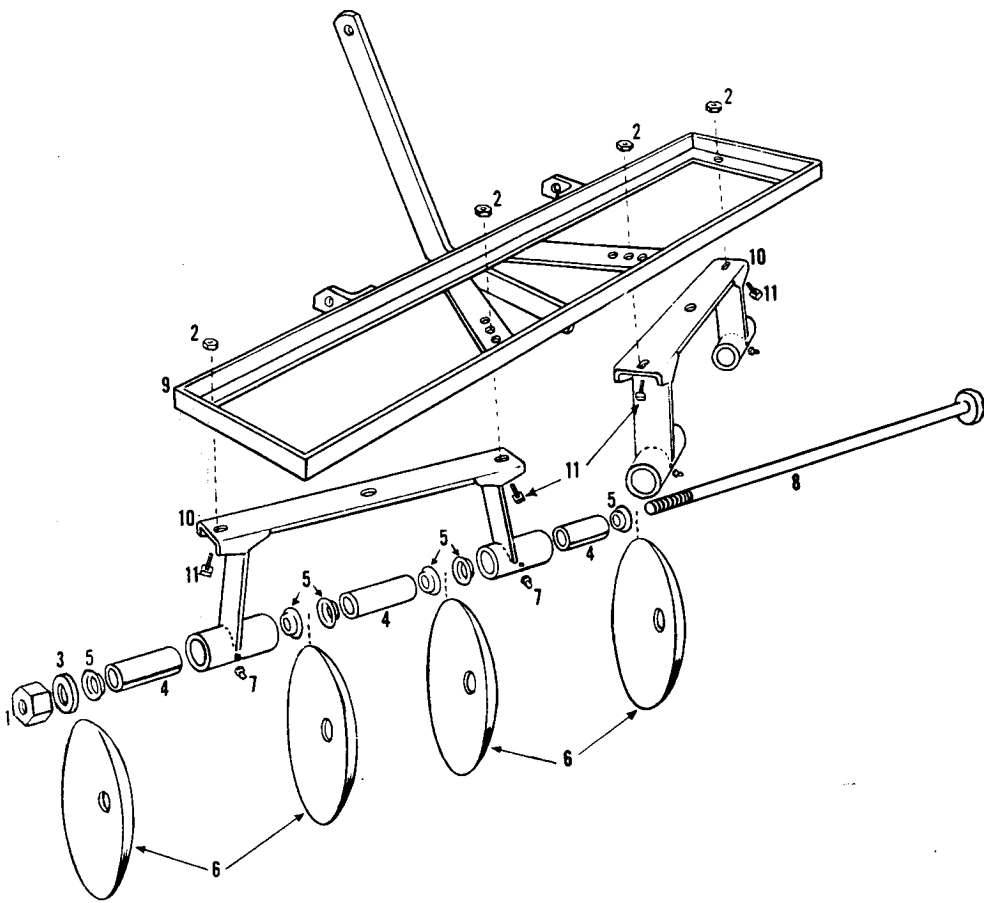
### LEVELING DISC

There are turnbuckles on the linkage of the three point hitch for leveling the Disc. The turnbuckle (illustration 4), on the R.H. lift link is used for leveling the Disc from side to side. Adjust R.H. lift link so that both ends of Disc Harrow touch level surface at the same time. Rotate turnbuckle from left to right to lengthen linkage as shown.

### TOP LINK

When discing adjust the top link (illustration 6), so that the top frame of Disc Harrow is parallel with the ground from front to rear. Rotate turnbuckle to the right (clockwise), to lengthen the top linkage as shown.

# BEARS DISC HARROW--MODEL NO. 917.60604



**FIGURE B**

When ordering Repair Parts, always give the following information as shown in this list:

1. The PART NUMBER.
2. The PART NAME.
3. The MODEL NUMBER--917.60604.
4. The NAME OF ITEM--DISC HARROW.

## PARTS LIST

Illus. No.	Part No.	Description	Illus. No.	Part No.	Description
1.	1187M	Lock Nut	8.	575PA681	Gang Bolt and Inner Gang Bolt Washer
2.	4429M	Gripco Lock Nut	9.	606A43	Frame
3.	6817M	Outer Gang Bolt Washer	10.	606A44	Standard Support and Bearings
4.	6829M	Spacer	11.	04010716	Cap Screw, Hex Head 7/16" X 1" -14 UNC less Nut
5.	6833M	Spacer Cup	---	917.60604	Instruction Book
6.	6844M	Disc Blade			
7.	6855M	Grease Fitting			