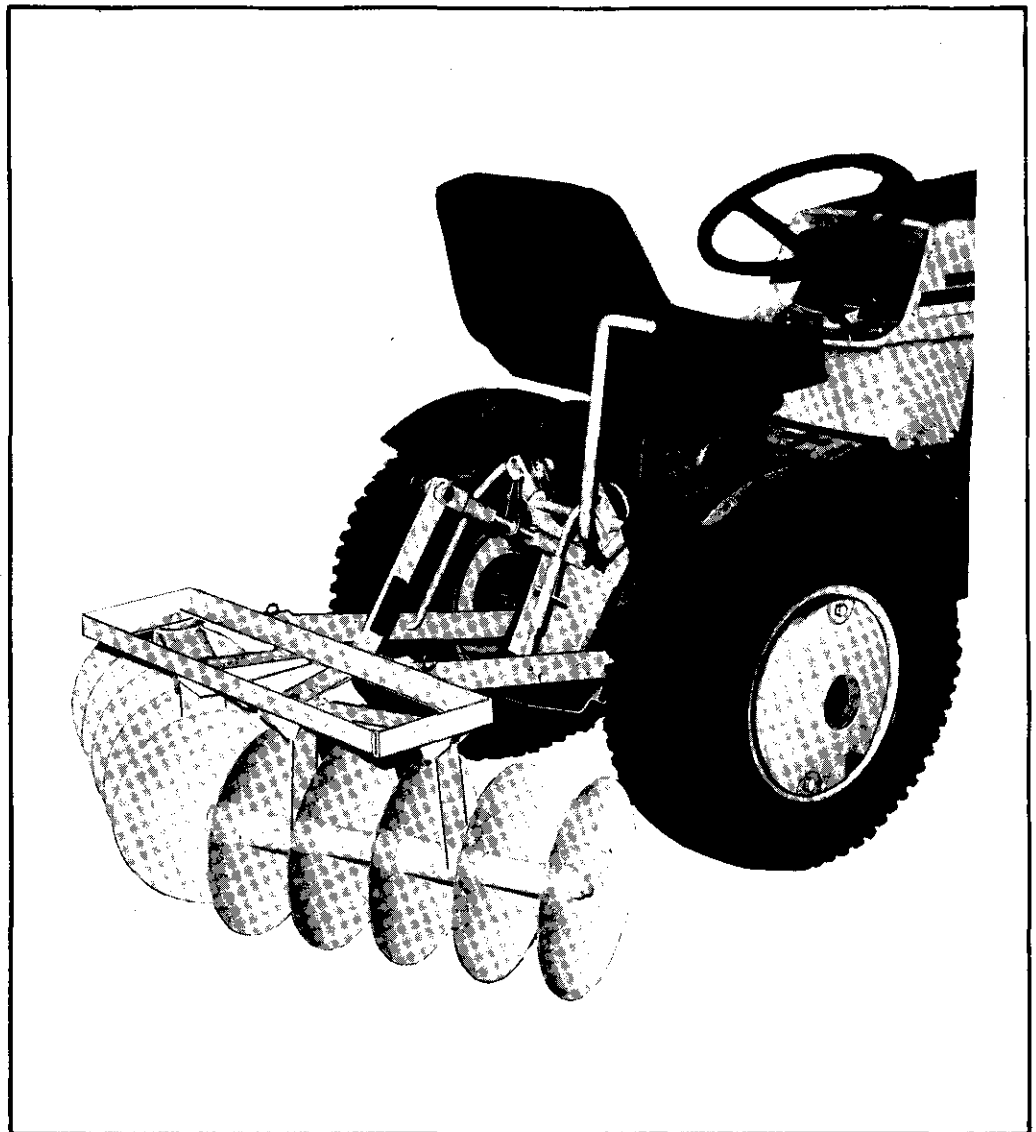


Sears
owners
manual



MODEL NO.
917.252110

40" DISC HARROW

- Assembly
- Operating
- Maintenance
- Repair Parts

Sears, Roebuck and Co., Chicago, Ill. 60684 U.S.A.
and Simpsons Sears Limited, Toronto

assembly

Assembly and Operating Instructions should be studied very closely before beginning to assembly your Disc Harrow. A key letter in the following paragraphs refer to a key letter in an adjoining illustration, except when otherwise stated. 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 (or direction of travel).

For heavy work 1 or 2 rear wheel weights mounted on each rear wheel, will greatly increase traction and performance of tractor and disc.

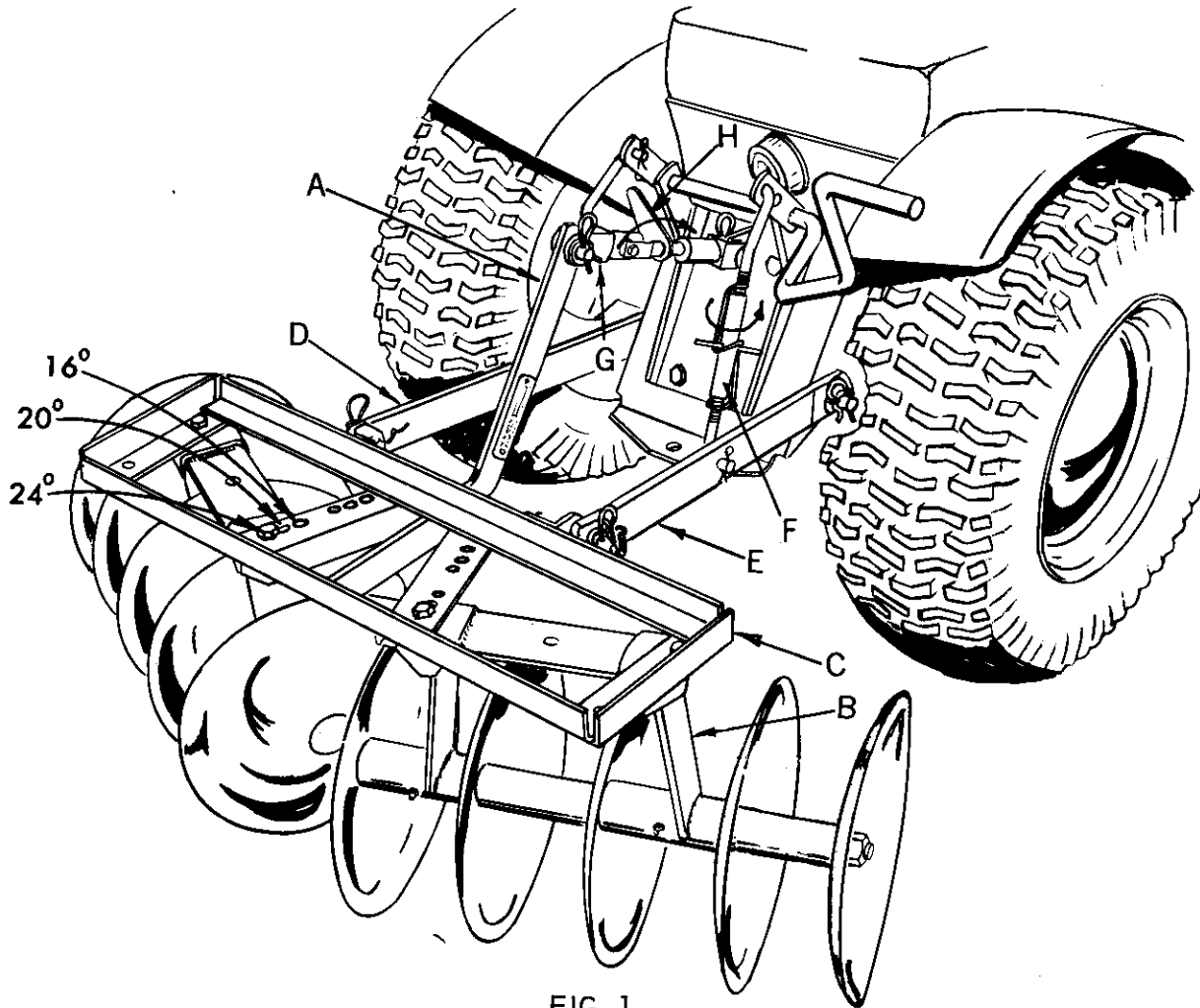


FIG. 1

1. Position frame with center bar (A) pointed up over L.H. and R.H. disc gangs as shown in Fig. 1. Secure frame (C) to standard support and bearings (B) (disc gangs) with bolts, lockwashers and hex nuts provided. Note: The three holes in centers of frame (C) for angle of disc gangs. Normally use the rear hole or 24° for deeper penetration. Refer to angle of cut for more information.

Note: Center blades of each gang should touch each other slightly.

ASSEMBLY OF DISC HARROW TO TRACTOR

NOTE: See Three Point Hitch Instruction Book for assembling Hitch to Tractor if purchased new with the Disc Harrow.

1. Back Tractor into position to attach Disc Harrow and slip L.H. lower hitch bar and bushings (D), over L.H. link pin on Disc Harrow. Secure with retainer spring. Refer to Fig. 1
2. Slip R.H. lower hitch bar and bushing (E), over R.H. link pin on Disc Harrow and secure with retainer spring. NOTE: R.H. lower hitch bar and bushings (E), is adjustable. Rotate side adjusting link (F), so that R.H. lower hitch bar and bushings (E), slides over R.H. link pin on Disc Harrow easily.
3. Assemble upper adjusting link (G), to frame center bar (A), of Disc Harrow as shown. Secure with retainer spring.

operation

ANGLE OF CUT

There are three positions for angling disc gangs. The rear holes angle each gang approximately 24° for deeper penetration, and throwing the soil further. The center holes 20° for looser type soil, and forward holes 16° for real loose soil. If disc does not penetrate deep enough with disc gangs assembled in rear holes 24° weight can be added to top of frame for deeper penetration. Use cement blocks, stones, bags of sand etc. for weight. If rear wheels slip, add rear wheel weights to each rear wheel, or reduce angle of disc gangs.

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 side adjusting link (F), on the R.H. lower hitch bar and bushings (E), is used for leveling the Disc from side to side. Adjust R.H. lower hitch bar and bushing so that both ends of Disc Harrow touch level surface at the same time. Rotate side adjusting link from left to right to lengthen linkage as shown. Top link levels disc front to back. See top link below.

TOP LINK

When discing adjust the top link (G), so that the top frame of Disc Harrow is parallel with the ground from front to rear. Rotate handle on upper adjusting link to the right (clockwise), to lengthen the top linkage as shown.

maintenance

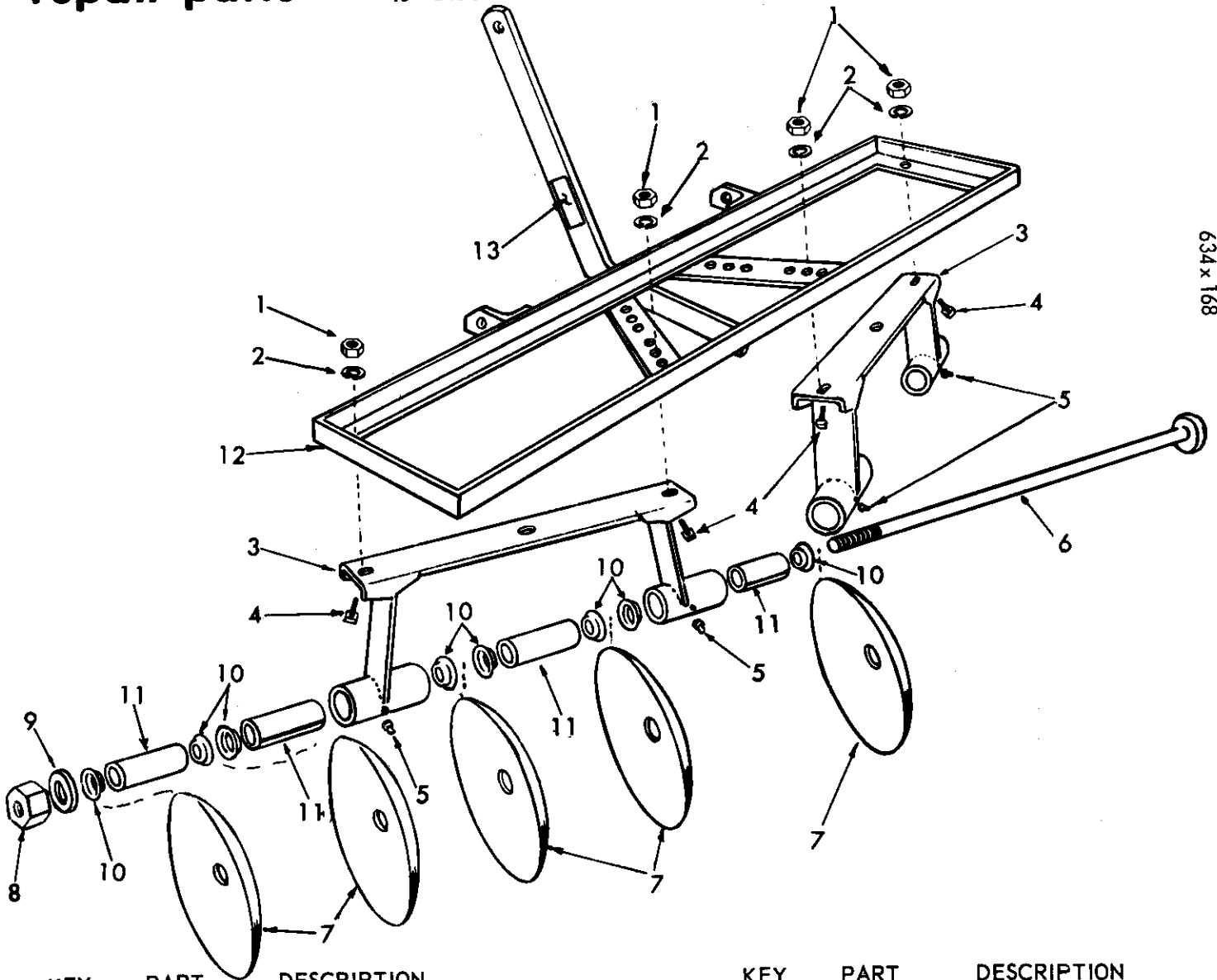
When Disc Harrow is to be stored for any length of time, clean blades thoroughly and coat with grease or rust preventive, to keep blades from rusting. Soil will stick to rusted or dirty disc blades, preventing disc from penetrating, and turning soil properly.

There are four places to lubricate on the Disc Harrow, Two grease fittings on each gang frame. Give each grease fitting (Key No. 5, page 4), two shots of grease every two hours of operation. Use Sears All-purpose Lithium gun grease or equivalent.

Sears, Roebuck and Co. or Simpson-Sears Limited in Canada reserves the right to make any changes in design or improvements without imposing any obligation to install the same on its implements heretofore manufactured.

repair parts

40" DISC HARROW--MODEL NO. 917.252110



634 x 168

KEY NO.	PART NO.	DESCRIPTION
1	500P	Hex Nut 7/16 - 14 pltd.
2	1009P	Lock Washer, Light Spring 7/16"
3	606A44	Standard Support and Bearings
4	3034P	Bolt, Hex 7/16 x 1" - 14 UNC
5	6855M	Grease Fitting
6	634A627	Gang Bolt and Inner Gang Bolt Washer

KEY NO.	PART NO.	DESCRIPTION
7	6844M	Disc Blade
8	1187H	Lock Nut
9	6817M	Outer Gang Bolt Washer
10	6833M	Spacer Cup
11	6829M	Spacer
12	606A43	Frame
13	4834R	Model Number Plate
----	4833R	Instructions and Parts Book

MODEL NO. 917.252110

The Model Number will be found on a plate attached to the Frame Weldment. Always mention the Model Number when requesting service or repair parts for your DISC HARROW.

SEARS SERVICE IS AT YOUR SERVICE WHEREVER YOU LIVE OR MOVE IN THE U.S.A. Your Sears merchandise takes on added value when you discover that Sears has over 2,000 Service Units throughout the country. Each is staffed by Sears-trained, professional technicians using Sears approved parts and methods.

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, 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 MODEL NUMBER 917.252110
3. The PART DESCRIPTION
4. The NAME OF ITEM-Disc Harrow

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