

Sears

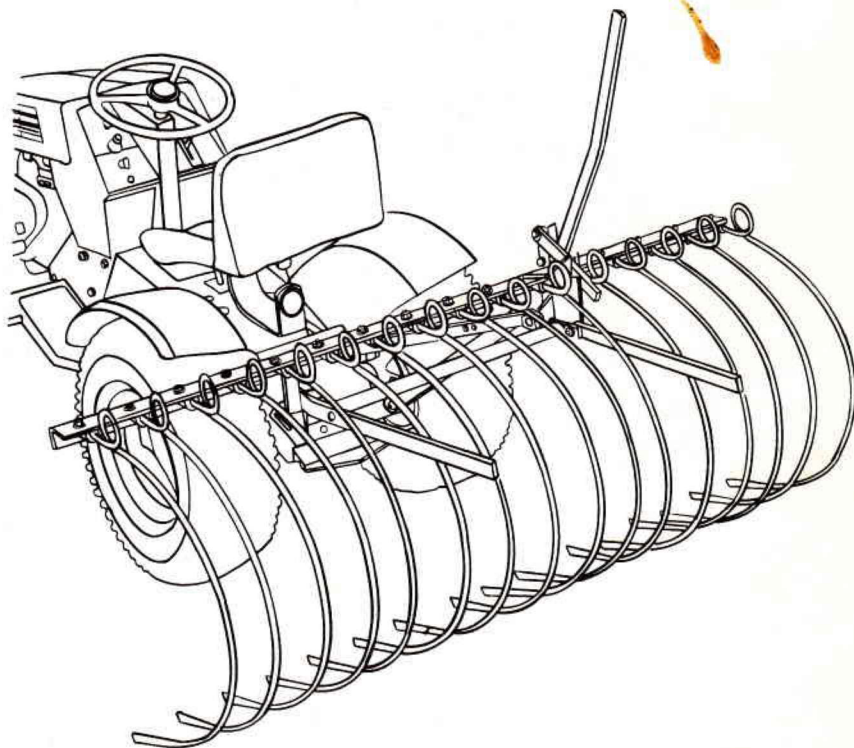
owners manual

DUMP RAKE

**MODEL NO.
917.251320**

CAUTION:
Read Rules for
Safe Operation
and Instructions
Carefully

- Assembly
- Operating
- Maintenance
- Repair Parts



SEARS, ROEBUCK AND CO. U.S.A.

SIMPSONS-SEARS LIMITED, CANADA

INTRODUCTION

The Dump Rake was especially designed for your Sears Hydro-Trac, Super 12 and 14, Suburban or Custom Riding Tractors. It can be used for raking all varieties of hay (i.e. alfalfa, bean, timothy and clover). It may also be used to rake weeds and grass after cutting with the Rotary Mower or Cutter Bar Mower. Raking straw or beans after combining and corn stalks after being cut, is done quickly and easily with your new rake.

Although this rake is simple to operate and care for, it is very important that instructions as outlined in this manual, be studied and followed closely.

SETTING UP INSTRUCTIONS

A key letter in the following instructions refer to a letter in an adjoining illustration (Figure), except when otherwise stated. When R.H. (Right Hand) or L.H. (Left Hand) is used, it should be understood to mean from a position behind and facing the Rake (or direction of travel).

Remove parts from both cartons and cut all wires.

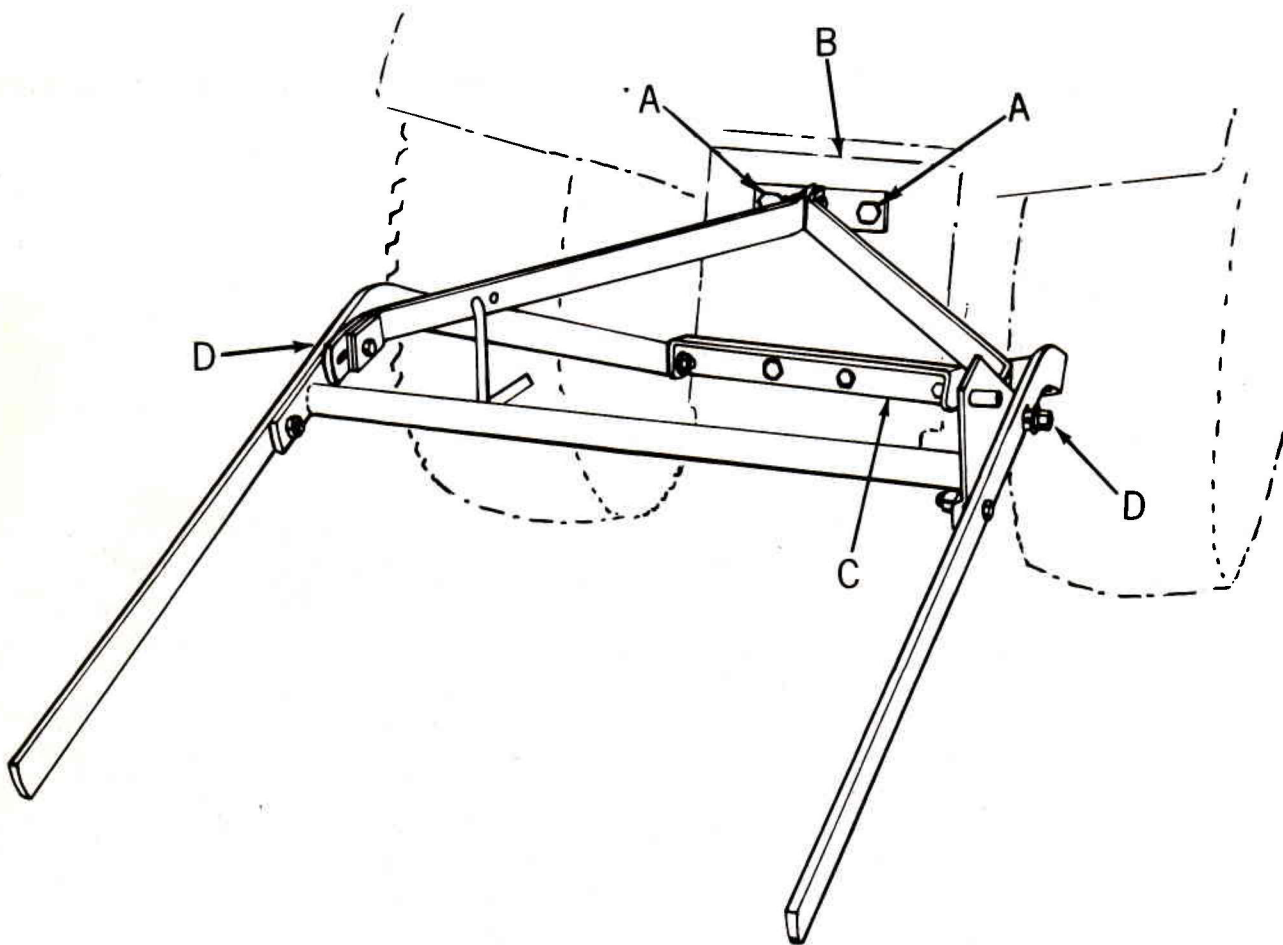


FIG. A

1. Rotate rake support braces and mounting bracket upper (A), up and forward, and assemble mounting bracket (A), to upper holes of tractor drawbar (B), with two $\frac{1}{2}$ x 1 hex bolts and lockwashers. NOTE: Older model tractors do not have weld nuts on underside of tractor drawbar (B), therefore two extra $\frac{1}{2}$ " nuts are provided. If tractor has welded nuts on drawbar, these $\frac{1}{2}$ " nuts can be discarded.
2. Assemble mounting angle and end straps (C), to lower holes in drawbar (B), with two $\frac{7}{16}$ x 1 hex bolts, lockwashers and hex nuts. Lockwashers and hex nuts will be forward (under) drawbar (B). Tighten all bolts securely.

SETTING UP INSTRUCTIONS --- CONTINUED

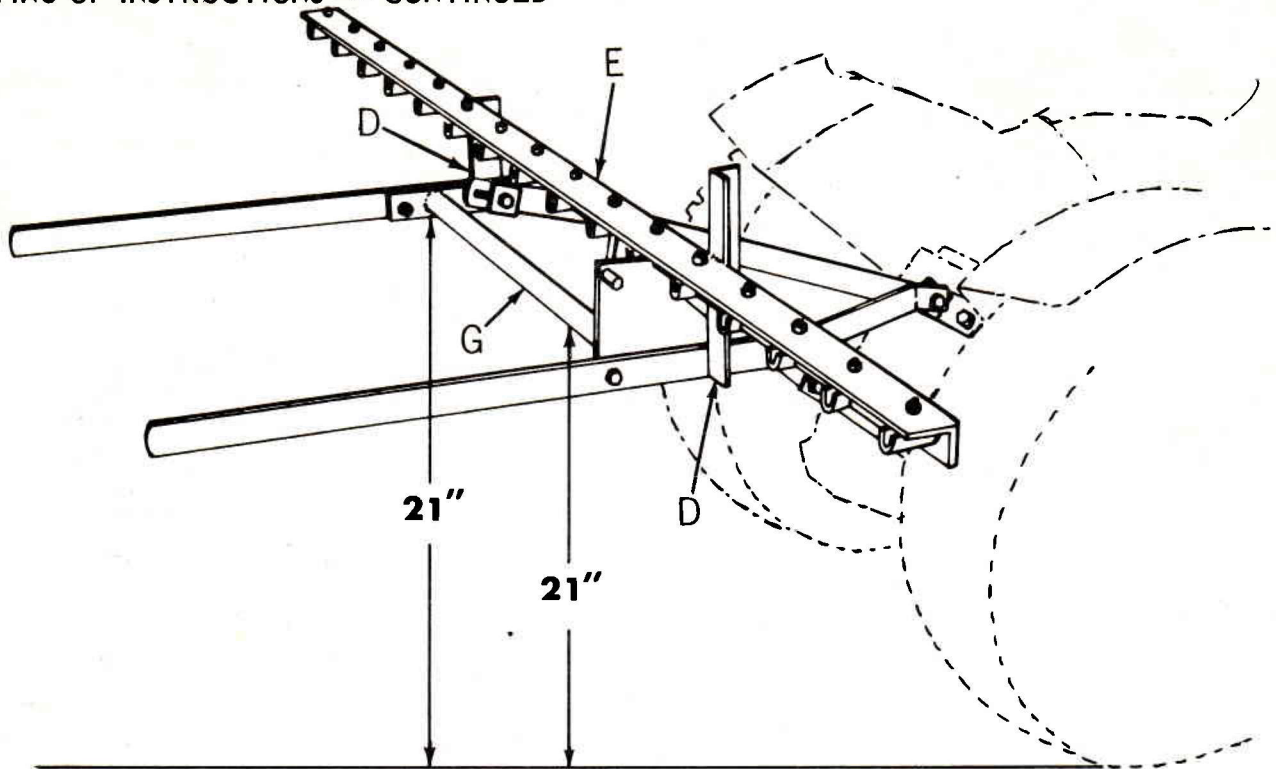


FIG. B

REFER TO FIG'S A and B

3. Remove hex nuts (D) lockwashers and flat washers and assemble frame and pivot angle (E), over bushings and replace flat washers, lockwashers and hex nuts (D), and raise or lower rake frame assembly so that bottom or torsion tube (G), assembly is 21 inches above level floor. Make sure frame and pivot angles are parallel with level floor. Retighten nuts (D), securely. The above adjustment should place teeth about 3/8 of an inch above ground with teeth in raking position. Raising the frame higher than 21 inches will place the teeth higher above ground.

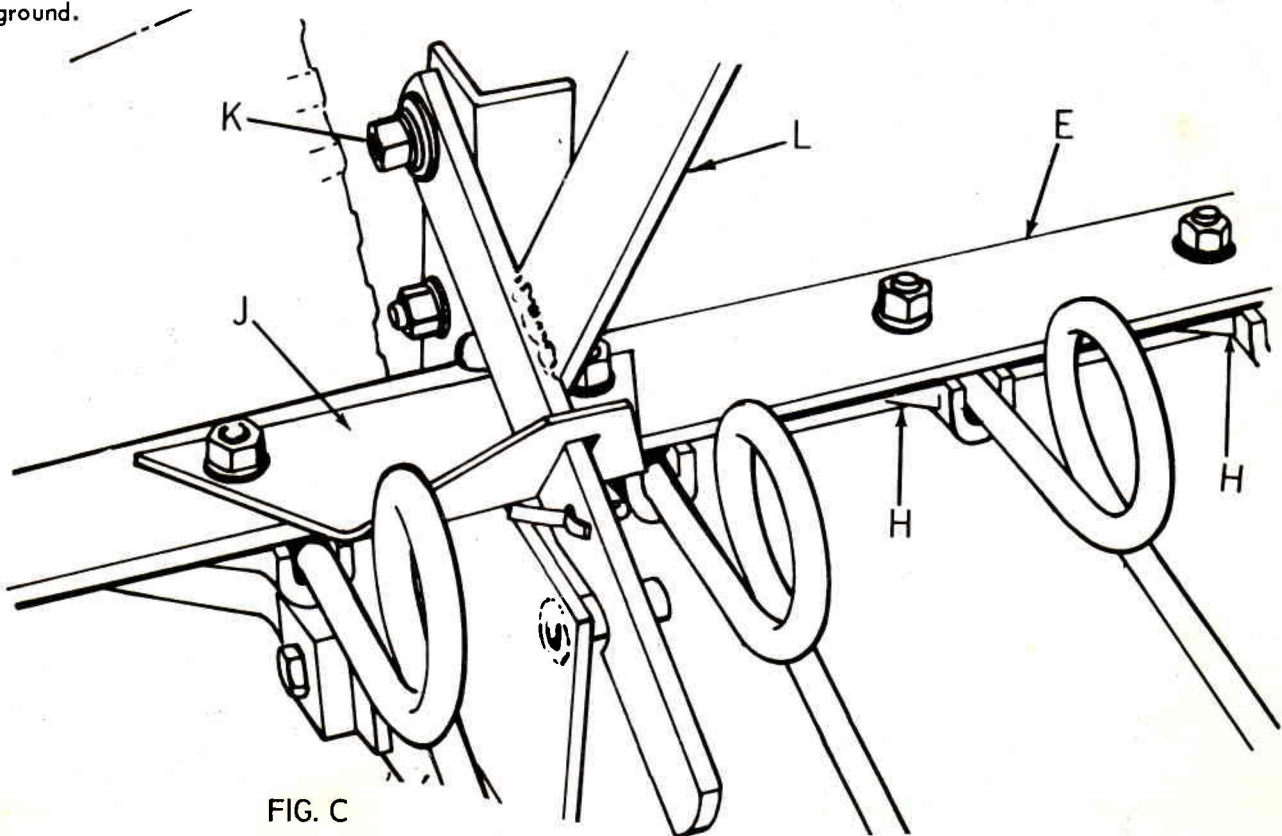


FIG. C

4. Remove bolts in tooth holders (H), and frame (E). Place teeth in grooves in tooth holders (H), and reassemble to frame (E), as shown.
5. When assembling 5th and 6th teeth, attach lift lever stop (J), with lever and handle (L), at same time as shown.
6. Remove nut (K), lock washer and flat washer and assemble lever and handle (L), over bushing, and replace flat washer, lock washer, and hex nut. Tighten nut securely.
7. Assemble all remaining teeth to frame.

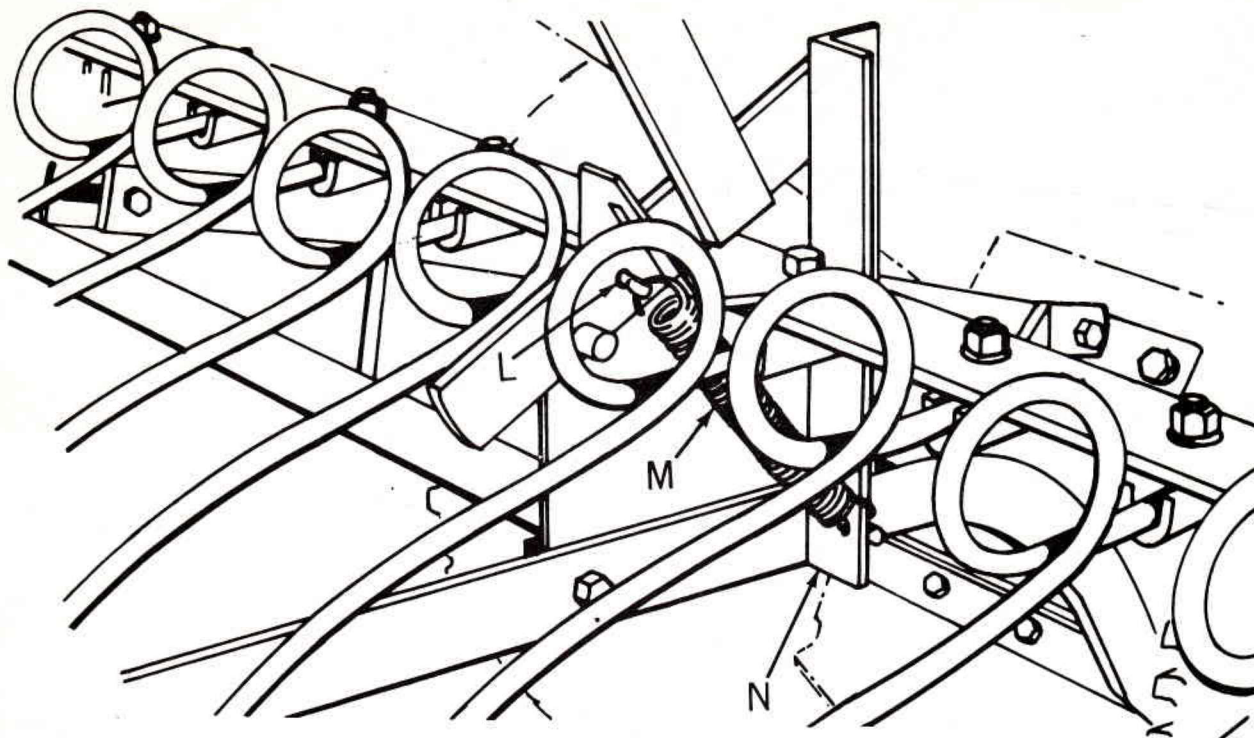


FIG. D

8. Attach spring (M), to cotter pin in lever and handle (L), and lower hole in R.H. pivot angle (N), of frame as shown.

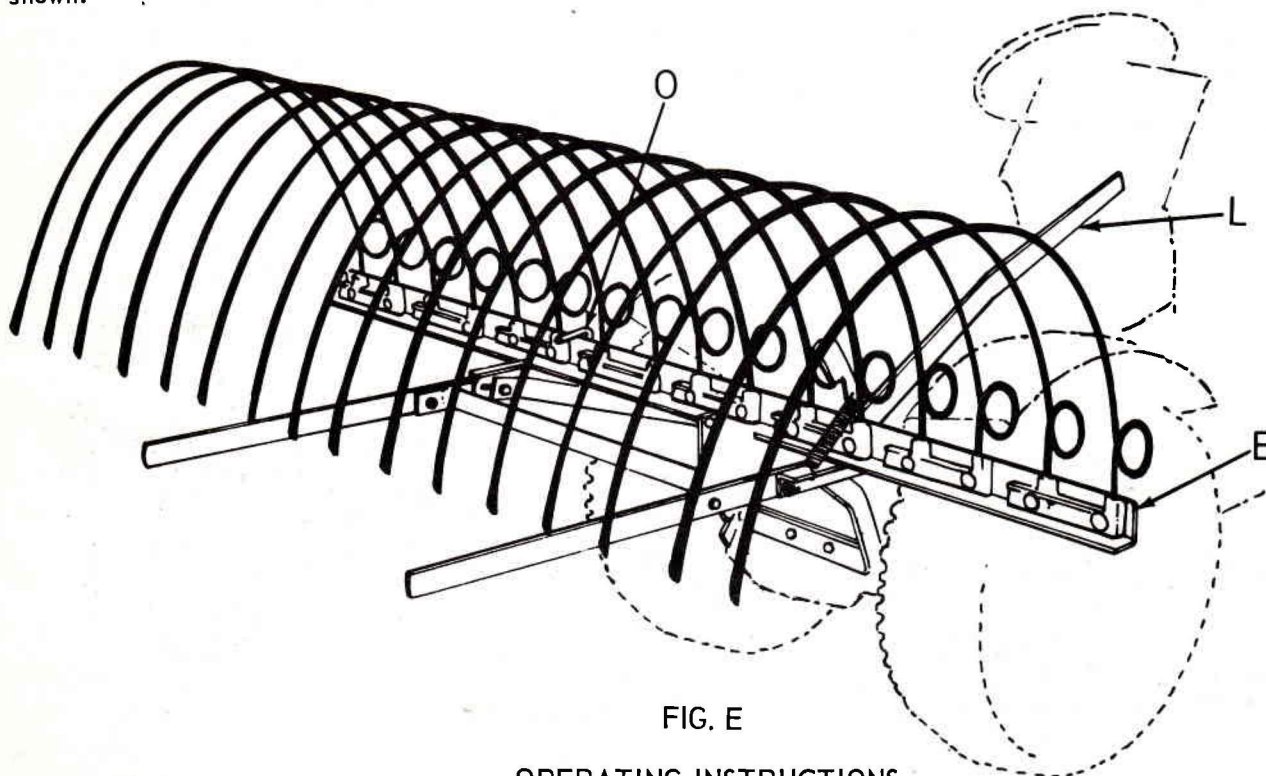


FIG. E

OPERATING INSTRUCTIONS

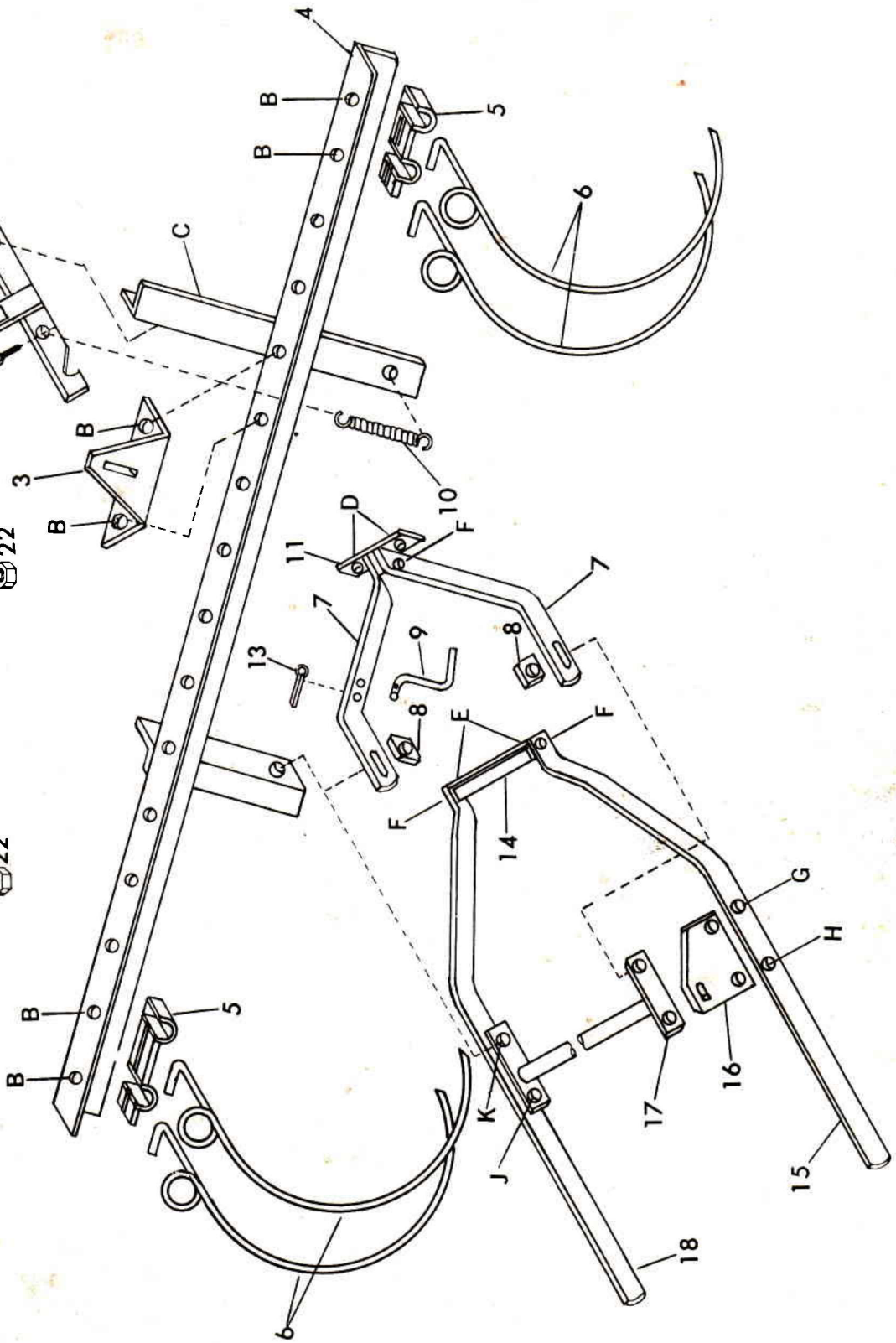
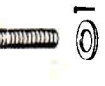
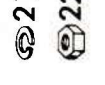
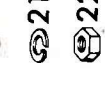
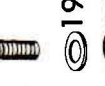
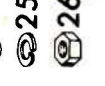
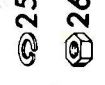
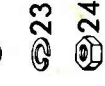
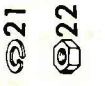
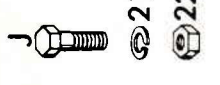
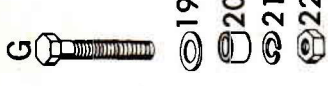
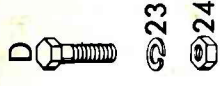
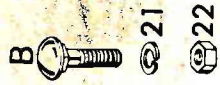
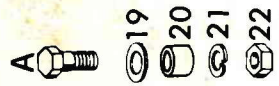
Push lift lever (L), back to lower teeth to raking position. Drive tractor forward until desired amount of material has accumulated in teeth, pull lever forward to dump material. A wind row can be made by dumping each time so that material is in rows.

TRANSPORT LOCK

A transport lock (O), is provided to hold teeth up for transporting. To lock in transport position pull lever (L), forward and rotate lock (O), to engage frame (E). Two holes are provided to locate transport lock. Assemble transport lock into hole necessary to lock frame. This may vary according to height of rake teeth adjustment. To release transport lock pull lift lever (L), forward and release lock (O), from frame (E).

DUMP RAKE-- MODEL NUMBER 917.251320

another free manual from www.searstractormanuals.com



SEARS DUMP RAKE -- MODEL NUMBER 917.251320

KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	606A269	Lift Lever and Handle	22	501P	*Nut, Hex ASF 3/8 - 16 UNC
1-A	-----	Model Number Plate	23	1000P	*Lockwasher 1/2
2	2511P	*Cotter Pin 3/16 x 1	24	502P	*Nut, Hex ASF 1/2 - 13 UNC
3	7941M	Lift Lever Stop	25	1001P	*Lockwasher 7/16
4	606A271	Frame and Pivot Angles	26	500P	*Nut, Hex ASF 7/16 - 14 UNC
5	7943M	Tooth Holder	A	3126P	*Bolt, Finished Hex 3/8 x 1 - 16 UNC
6	7945M	Flat Point Tooth	B	22P	*Bolt Sq. Neck Carriage 3/8 x 1 1/2 - 16 UNC
7	5367H	Rake Support Brace	C	3125P	*Bolt, Finished Hex 3/8 x 3/4 - 16 UNC
8	7924M	Serrated Washer	D	3042P	*Bolt, Finished Hex 1/2 x 1 - 13 UNC
9	5364H	Transport Lock	E	3034P	*Bolt, Finished Hex 7/16 x 1 - 14 UNC
10	1697U	Spring	F	3035P	*Bolt, Finished Hex 7/16 x 1 1/4 - 14 UNC
11	606A267	Mounting Bracket Weldment	G	3031P	*Bolt, Finished Hex 3/8 x 2 1/2 - 16 UNC
13	2504P	*Cotter Pin 1/8 x 5/8	H	3027P	*Bolt, Finished Hex 3/8 x 1 1/2 - 16 UNC
14	606A268	Mounting Angle and End Straps	J	3025P	*Bolt, Finished Hex 3/8 x 1 1/4 - 16 UNC
15	5372H	Rake Support and Stripper - R.H.	K	3030P	*Bolt, Finished Hex 3/8 x 2 1/4 - 16 UNC
16	575PA285	Lever Lock Bracket and Pin	--	735R	Instruction and Parts Book
17	606A270	Torsion Tube Weldment			
18	5373H	Rake Support and Stripper - L.H.			
19	1517P	*Washer 7/16 x 1 x 14 Ga.			
20	280M1	Bushing			
21	1004P	*Lockwasher 3/8			

* Standard Hardware Items May Be Purchased Locally.

634x45
634x46

Sears

owners manual

DUMP RAKE

**MODEL NO.
917.251320**

The Model Number will be found on a plate attached to the Lever and Handle. Always mention the Model Number when requesting service or repair parts for your DUMP RAKE.

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 | 3. The MODEL NUMBER |
| 2. The PART DESCRIPTION | 917.251320 |
| | 4. The NAME OF ITEM—
Dump Rake |

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.

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IS AT YOUR SERVICE
WHEREVER YOU LIVE
OR MOVE
IN THE U.S.A.**

SEARS, ROEBUCK AND CO. U.S.A.

SIMPSONS-SEARS LIMITED, CANADA