

Sears

owners manual

PLAINTIFF'S EXHIBIT

FD-1056

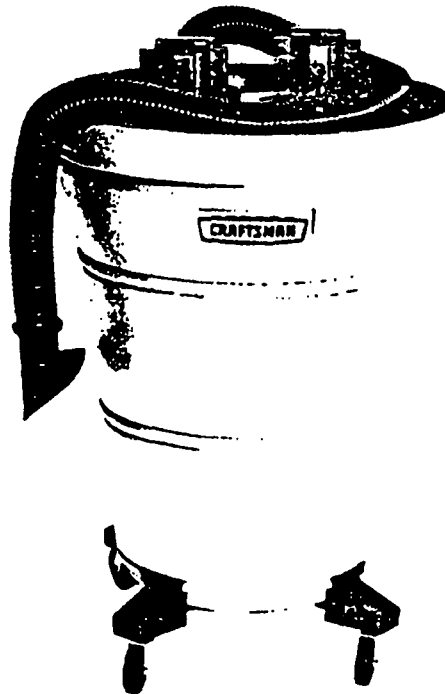
**CRAFTSMAN
HOME-N-SHOP VAC
WITH
4 WHEEL CASTER ASSEMBLY**

MODEL NO.
758.17831

CAUTION:

() Read Rules for
Safe Operation
and Instructions
Carefully

- Assembly
- Operation
- Repair Parts



Designed exclusively for and sold only by

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

8004 1038

SCF-ALLF-00017

CAUTION - CAUTION - CAUTION

Do not pick up explosive dusts or flammable, volatile liquids. Do not operate in an explosive atmosphere of flammable gases, or dusts. Do not operate without dust filters in place except when picking up water. Keep filters clean. Replace filters if worn or broken.

RULES FOR SAFE OPERATION

1. Ground the outlet box to prevent shocks. See OPERATION.
2. Use the proper extension cord to prevent fires and wiring damage. See OPERATION.
3. Read MAINTENANCE instructions before replacing brush assembly or disassembling of motor-blowers: Disassembly of this unit can result in dangerous electrical hazard if any leads (wires) are pinched against metal surfaces when unit is reassembled.

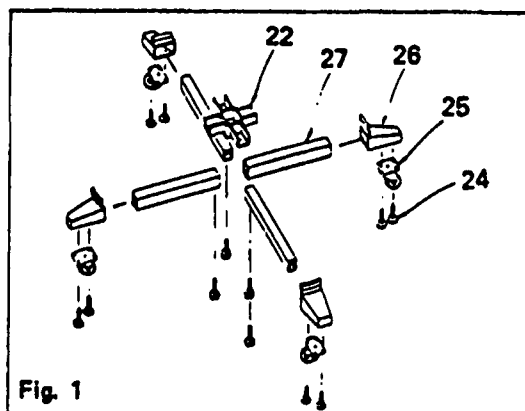
CUSTOMER'S RESPONSIBILITIES

1. DO make sure the voltage supply agrees with nameplate before unit is plugged in.
2. DO empty tank often to insure full power and cool motor operation.
3. DO replace both brushes when either is worn to about $\frac{1}{4}$ " in length or approximately 750 operating hours.
4. DO disassemble corner nozzle from hose and hose from inlet on tank after each use.
5. DO use cloth filter with paper filter on dry applications.
6. DO inspect gasket on edge of lid after each removal for wrinkling and pull away.
7. DON'T operate motor unless filter bags are in proper position.
8. DON'T allow dust drum to get full.
9. DON'T pick up hot materials.
10. DON'T lubricate motor or blower bearings.
11. DON'T jerk the power cord to remove the plug from the socket.
12. DON'T pick up water with filters in place.

ASSEMBLY

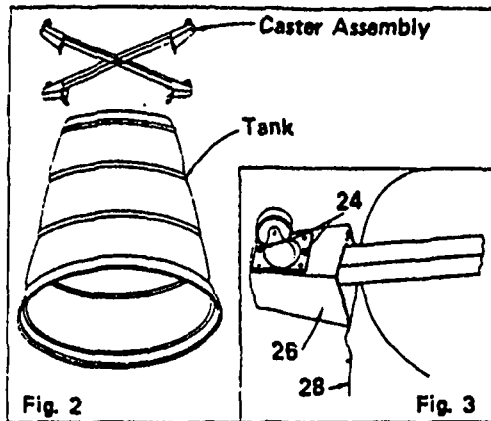
The key numbers in the instructions refer to the illustrations and repair parts list.

1. Remove the caster assembly carton from inside the top flap of main carton.
2. Assemble as shown Figure 1. Tighten all screws except (Key No. 24).

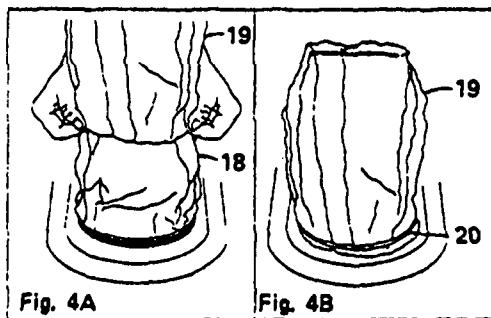


3. Remove total vacuum cleaner unit from carton.
4. Carefully remove the lid by pushing down and in toward the motor on the locking springs and lift up. Next remove the flexible hose, corner nozzle, filter bags, and all other articles from inside the tank.
5. Turn tank upside down and place caster assembly upside down on bottom of tank. (See Figure 2).
6. Push caster feet (Key No. 26) in snugly against tank and tighten screws (Key No. 24) (See Figure 3).
7. Turn tank and caster assembly upright. Tank is now held firmly in place when rolling. Tank may be snapped in and out of the caster assembly for emptying by placing foot on caster foot (Key No. 26) lightly & lifting tank.
8. **CAUTION:** For Dry Pickup - install dust filter bags.
 - a. Place filter bag guards (Key No. 17, page 6) on motor-blower asm. Key No. 31 and 32, page 6).
 - b. Place cloth filter bags (Key No. 18) over filter bag guards (See Fig. 4A).

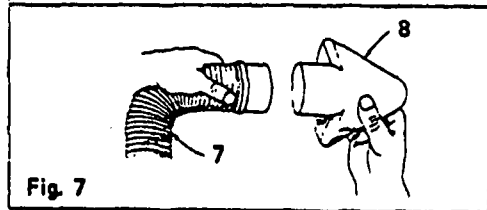
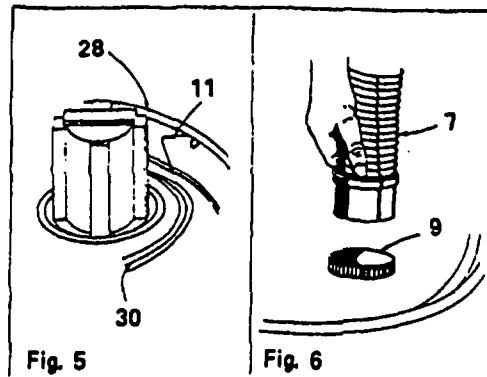
assembly and operation



- c. Make sure the bags are up on the blower housings as far as they will go and fit over the formed wire loops on the bag guards.
- d. Place the paper filter bags (Key No. 19) over the cloth filter bags.
- e. Stretch the two rubber bands (Key No. 20) and push down and around the bottom of each paper bag. Make sure the cloth bags are completely covered and the rubber bands fit between formed wire loops of guard and cover (See Fig. 4B).



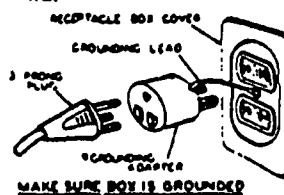
9. Wet Pickup - See OPERATION pg. 4, item 2, how to operate for wet pickup.
10. Replace the lid (Key No. 30) on the tank (Key No. 28) and push down and out on the locking handle (Key No. 11) to lock them under the lip on the tank (See Figure 5).
11. Insert either end of flexible hose (Key No. 7) into the intake ferrule (Key No. 9) (See Figure 6). Fasten the corner nozzle (Key No. 8) to the free end of the flexible hose (See Figure 7). The HOME-N-SHOP VAC is now ready for use.



OPERATION

Before starting the HOME-N-SHOP VAC follow the instructions in the next two paragraphs.

GROUNDING—This vacuum is equipped with an Underwriter's Laboratories approved 3 prong plug for your safety. The longer prong in this plug is connected through the power cord to the vacuum lid.



When the plug is inserted in a properly grounded receptacle box, it will protect the user from shock, should the motor insulation for any reason fail. If you use an extension cord with this vacuum, it should also be 3 wire. Since many receptacle boxes in present construction will not have provisions for 3 prong plugs, an *adapter is included with this vacuum. Make sure grounding lead is firmly attached to a grounded receptacle box as shown above, before attempting to operate the vacuum.

*Not used in Canada.

Extension Cords—The use of any Extension Cord will cause some loss of power. To keep to a minimum and to prevent overheating and motor burn-out, use the table below to determine the MINIMUM wire size (A. W. G.) Extension Cord.

operation and maintenance

Extension Cord Length
0- 50 Feet
50-100 Feet

Wire Size A. W. G.
No. 14
No. 12

guards. Replace lid on tank and unit is ready for Dry Pickup.

1. TO OPERATE FOR DRY PICKUP — Insert electric plug into 110-120 V. 60 Cycle outlet only. Both motors on your vac are equipped with a separate switch. For most cleaning both motors are required; either one or both motors can be turned on as needed. Use in manner similar to household vacuum cleaner. To empty tank disconnect plug from outlet, remove lid and empty the contents of the tank into a trash can. For blowing, use the exhaust ferrule (Key No. 4) instead of the intake ferrule (Key No. 9).

CAUTION: Never operate motors for dry pickup without cloth filter bags (Key No. 18) and paper filter bags (Key No. 19) properly mounted over filter bag guards (Key No. 17). See ASSEMBLY. Immediately replace a torn, ripped or excessive worn paper bag.

2. TO OPERATE FOR WET PICKUP — Disconnect plug from outlet. Remove lid from the tank. Remove paper and cloth filter from filter bag guard. (Do Not Use Filters For Wet Pickup). Empty all scraps and shavings from drum. Replace lid on tank and plug in. Both motors on your vac are equipped with a separate switch. This allows you to have the power you need, either one or both motors can be turned on as needed. Use in same manner as when using for Dry Pickup, except move nozzle across floor slowly. A special water pickup nozzle was designed for maximum pickup. This is Cat. No. 9-17817, and is available at your local Sears store. This unit has a float on each motor which will automatically stop the suction when the tank is full of water. When the floats stop the suction, the motors will audibly pick up speed. When this happens, drain water remaining in hose into tank by raising hose above tank and turn the switches off.

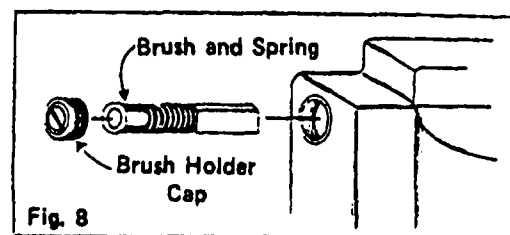
To empty tank, disconnect plug from outlet and roll unit to drain, remove expansion plug from lower side of unit. Remove the lid from the tank and empty remaining contents of water from tank. Rinse hose, tank, inside of cover, and nozzle, with clear water after using as Wet Pickup Unit. Allow parts to dry before using for Dry Pickup. Replace expansion plug in tank and tighten securely. Replace filters on filter

MAINTENANCE

CAUTION: When servicing motor or blower - unplug power cord first.

1. TO REPLACE BRUSHES ON MOTOR —

- a. Remove the brush holder cap. (See Fig. 8).
- b. Slide out brush and spring.
- c. Replace with new brush and spring and slide into motor. Replace brush holder cap.
- d. Be sure to replace second brush in similar manner.



2. DISASSEMBLY OF MOTOR-BLOWER ASSEMBLY

The field assembly (Key No. 11, page 8, and Key No. 12, page 10) brush clip terminal must be replaced in brush holder (Key No. 6, page 8, and page 10) in the same direction as disassembled. All field assembly leads must be at top and be replaced in a clockwise direction when looking at top of motor. See exploded views (Key No. 31, page 8, and Key No. 32, page 10).

3. For dry pickup, replace paper filter bags when emptying tank. The cloth bags can be cleaned by shaking; or vacuuming off, but paper filter bags must be in place. Fine particles will clog filter quickly requiring more frequent cleaning.

REPAIR SERVICE AND PARTS—All fine tools, on occasion, may require service or the replacement of parts due to wear from normal use. To prolong the life of your unit when repairs are needed, call on your nearest Sears Retail or Catalog Store. Please don't risk possible additional cost or damage to the unit through inexperienced repairs. Sears Servicemen are factory trained.

accessory parts



REG. TRADEMARK

CRAFTSMAN HOME-N-SHOP VAC ACCESSORY PARTS

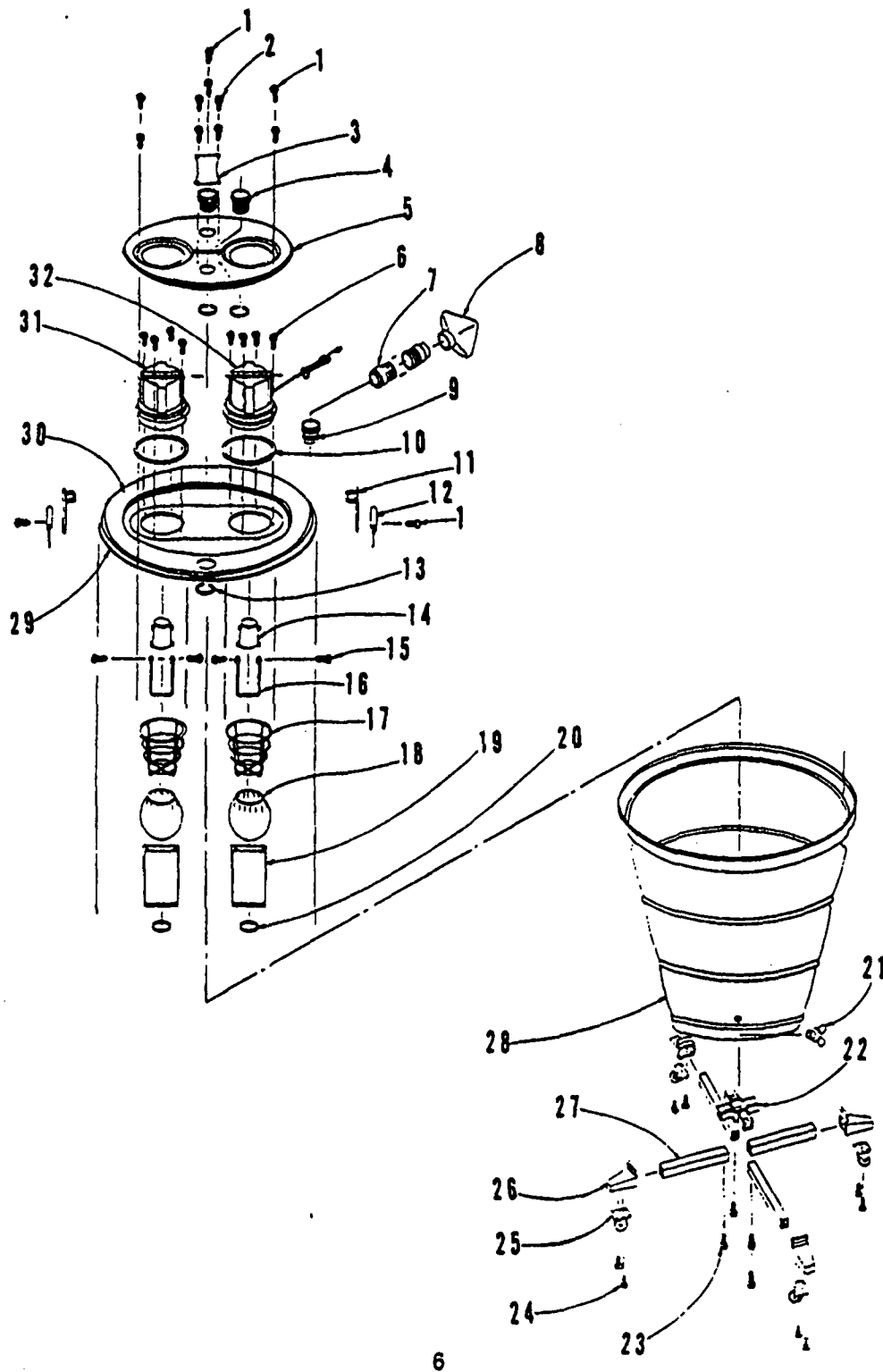
These inexpensive accessories add greatly to the utility and convenience of the Vac in performing hundreds of cleaning jobs. These items are available from your nearest Sears Retail or Catalog Order Store.

Extension Hose makes hard cleaning jobs easy.	EXTENSION HOSE AND CONNECTOR KIT	3 PIECE EXTENSION HANDLE KIT	Provides easy cleaning of hard to reach places.
Crevice Tool For Cleaning In Narrow Places	3 PIECE NOZZLE KIT Pressure Nozzle For Cleaning Tools and Machines. Dusting Nozzle Will Not Scratch Finished Surfaces.	ACCESSORY HOLDER	HANGS ON HOME-N-SHOP VAC OR WALL WHILE HOLDING ALL ACCESSORIES
WIDE NOZZLE	For Sweeping Auditorium, Gymnasium, etc.	WATER PICKUP NOZZLE	NOZZLE HAS SQUEEGE FOR CLEANING FLOOR COMPLETELY
REPLACEABLE FILTER BAGS (Cloth)	(Paper)	HOSE ADAPTER	Quickly converts HOME-N-SHOP VAC intake and exhaust terminals for complete use of home Vacuum cleaner hose and accessories.

The above recommended accessories are current and were available at time this manual was printed.

repair parts

CRAFTSMAN HOME-N-SHOP VAC—MODEL NUMBER 758.17831



8004 1043

CRAFTSMAN HOME-N-SHOP VAC—MODEL NUMBER 758.17831

Key No.	Part No.	Description	Key No.	Part No.	Description
1	163098	Screw, #6 x 3/8 Phillips Pan HD., Type B	21	13968	Plug Assembly
2*	161754	Screw, #4 x 3/8 Phillips Pan HD., Sheet Metal	22	14692	Tie
3	14311	Nameplate	23	15366	Screw, #10-24 x 1/2 Long Slotted Head, (Type 23)
4	14326	Ferrule With Screen	24	9426089	Screw, #8 x 1/2 Long Slotted Pan Head, Type AB
5	11947-01	Collector	25	14333	Caster
6	163162	Screw, #8 x 1/2 Phillips Pan Head, Type B	26	14332	Caster Foot
7	13325	Hose Assembly	27	16419-01	Caster Tube
8	14277	Corner Nozzle	28	13059	Tank Sub Assembly
9	14314	Ferrule	29	14261	Gasket (Lid)
10	14312	Gasket	30	17187	Lid With Gasket Assembly
11	14317-01	Handle	31	14551	Motor-Blower Assembly
12	11969-01	Handle Clamp	32	14552	Motor-Blower Assembly With Cords
13	14313	Retaining Ring		16677	Owners Manual (Not illus.)
14	13354	Float Assembly			
15	450123	Screw, #10-24 x 1/2 Phillips Round Head, Type 23			
16	14319	Guide			
17	14318	Guard			
18	14329	Filter Bag, Cloth			
19	14276	Filter Bag, Paper			
20	14283	Rubber Band 3" x 3/8"			

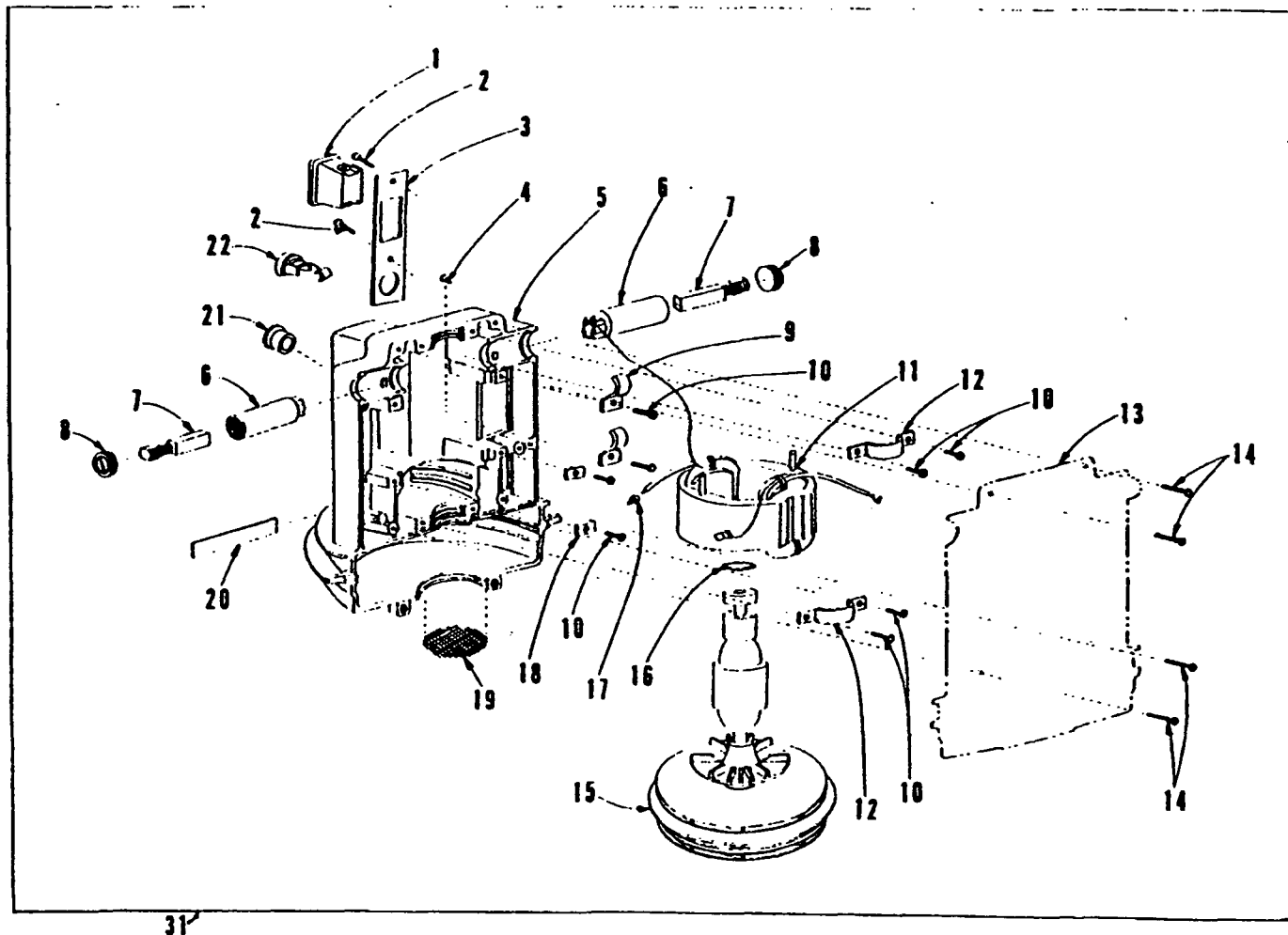
*Standard Hardware Item — May Be Purchased Locally

CRAFTSMAN GUARANTEE

During the first year, we will repair the Craftsman Home-N-Shop Vac, free of charge if defective in material or workmanship.

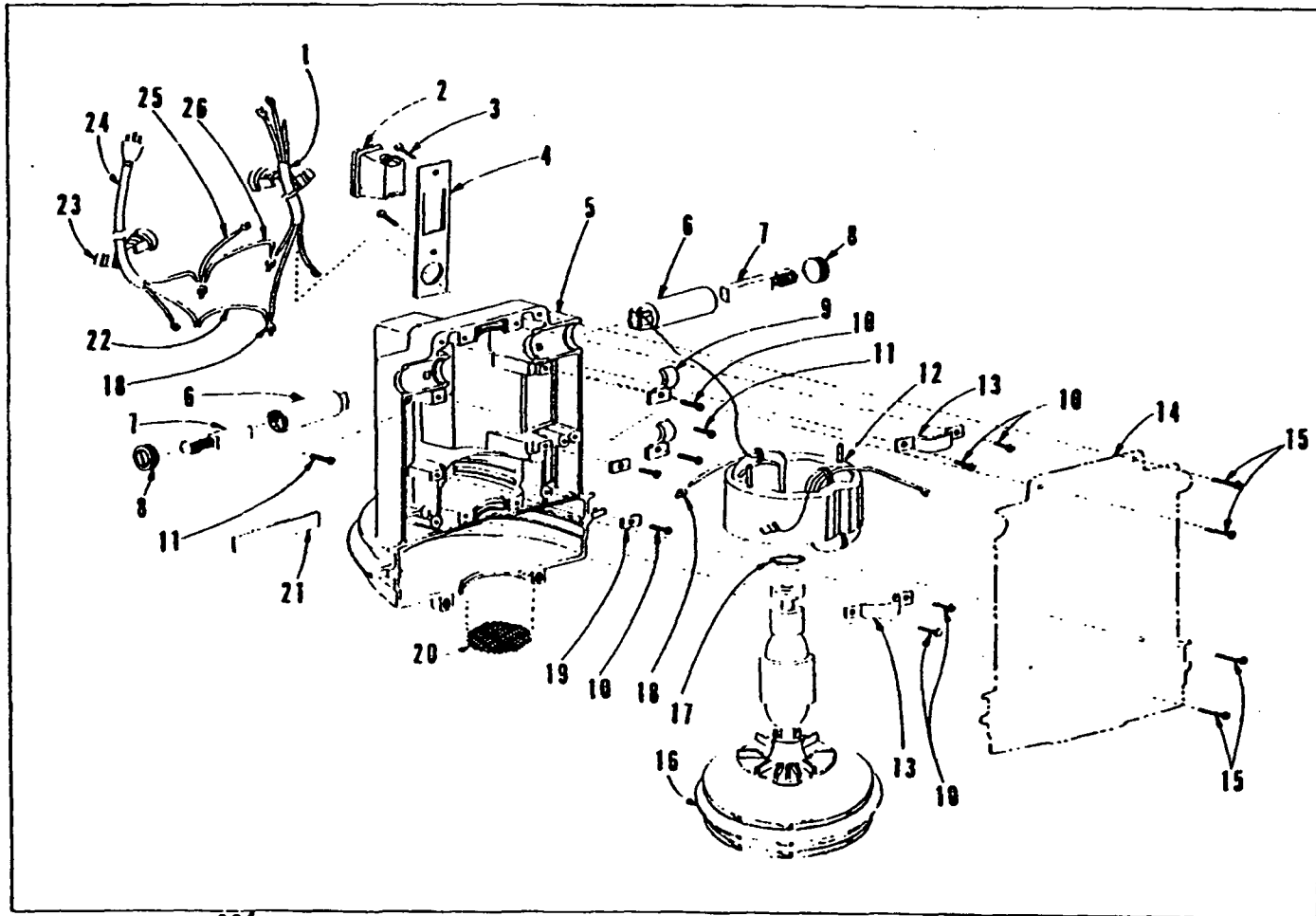
This guarantee is available by simply returning the Vac to our stores or service centers throughout the United States and Canada.

SEARS, ROEBUCK AND CO.



KEY NO. 31 MOTOR-BLOWER ASSEMBLY 14551

Key No.	Part No.	Description	Key No.	Part No.	Description
1	15540	Switch	11	15551	Field Assembly
2	18032	Screw, #8-32 x 3/8 Long, Type-23, Phillips Oval Hd.	12	15539	Bearing Retainer
3	15709-15	Cover Plate	13	15544-15	Housing Cover
4	15536	Screw, #8-32 x 5/16 Long, Type-23, Phillips Fillister Hd.	14	9427238	Screw, #8-32 x 3/4 Long, Type-23, Phillips Pan HD.
5	15549-15	Housing	15	18470	Armature & Blower Assembly
6	15548	Brush Holder	16	15531	Pressure Ring
7	15546	Brush & Spring	17	13873	Connector
8	15547	Brush Cap	18	15538	Clip
9	15537	Retainer	19	15543	Screen
10	9416323	Screw, #8-32 x 7/16 Long, Type-23, Phillips Pan HD.	20	15303	Nameplate
			21	15710	Hole Plug
			22	13949	Bushing



KEY NO. 32 MOTOR-BLOWER ASSEMBLY 14552

Key No.	Part No.	Description	Key No.	Part No.	Description
1	15722	Interconnecting Cord Assembly	13	15539	Bearing Retainer
2	15540	Switch	14	15544-15	Housing Cover
3	18032	Screw, #8-32 x 3/8 Long, Type-23, Phillips Oval HD.	15	9427238	Screw, #8-32 x 3/4 Long, Type-23, Phillips Pan HD.
4	15709-15	Cover Plate	16	18470	Armature & Blower Assembly
5	15549-15	Housing	17	15531	Pressure Ring
6	15548	Brush Holder	18	13775	Connector
7	15546	Brush & Spring	19	15538	Clip
8	15547	Brush Cap	20	15543	Screen
9	15537	Retainer	21	15302	Nameplate
10	9416323	Screw, #8-32 x 7/16 Long, Type-23, Phillips Pan HD.	22	15719	Lead
11	15536	Screw, #8-32 x 5/16 Long, Type-23, Phillips Fillister HD.	23	13949	Bushing
12	15551	Field Assembly	24	15723	Cord Assembly
			25	15590	Lead Assembly
			26	15591	Lead

Sears

owners manual

**CRAFTSMAN
HOME-N-SHOP VAC
WITH
4 WHEEL CASTER ASSEMBLY**

MODEL NO.
758.17831

HOW TO ORDER
REPAIR PARTS

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

The Model Number will be found on the name plate attached to the lid of the HOME-N-SHOP VAC. Always mention the Model Number when requesting service or repair parts for your CRAFTSMAN HOME-N-SHOP VAC.

All parts listed herein may be ordered through SEARS, ROEBUCK AND CO. or SIMPSON'S-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 NAME of ITEM—
HOME-N-SHOP VAC |
| 2. The PART DESCRIPTION | 4. The MODEL NUMBER
758.17831 |

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.

Designed exclusively for and sold only by

**SEARS, ROEBUCK AND CO., U.S.A.
SIMPSON'S-SEARS LIMITED, CANADA**