



MD17E-DSOBV DUSTLESS SANDER SAFETY, OPERATION & MAINTENANCE MANUAL w/PARTS LIST

This unit is intended for commercial use.

Mastercraft

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Read and Follow All Instructions, Warnings & Cautions Before Using This Machine

This floor sander will afford you many years of trouble-free operating satisfaction, provided it is given proper care. All parts have passed rigid quality control standards prior to being assembled to produce the finished product. Prior to packaging, the vacuum was again inspected for assurance of flawless assembly.

Your floor sander is protectively packed to prevent damage in ship-

ping. We recommend that upon delivery, unpack the sander and inspect it for any possible damage. Only a visual examination will reveal damage that may have occurred.

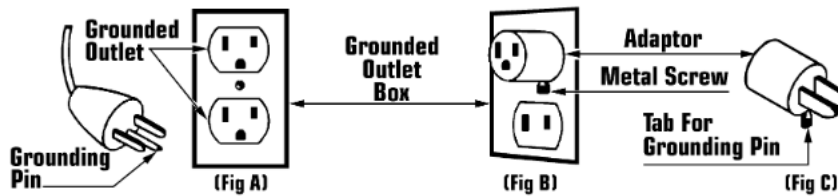
If damage is discovered, immediately notify the transportation company that delivered your sander. As a shipper, we are unable to report claims for concealed damage. You must originate any claims within 5 days.

This manual is for your protection and information. **PLEASE READ CAREFULLY** since failure to follow precautions could result in discomfort or injury.

Treat this floor sander as you would any other high grade precision made product. Dropping, unreasonable bumping across thresholds and other misuses may result in a damaged unit which is not be covered by warranty.

SAVE THESE INSTRUCTIONS

GROUNDING METHODS



This electric equipment is for use on a nominal 120 volt circuit, and has a grounded plug that looks like the plug illustrated in (Fig A). A temporary adaptor that looks like the adaptor illustrated in (Fig B & C) may be used to connect this plug to a 2-pole receptacle as

shown in (Fig B) if a properly grounded outlet is not available.

The temporary adaptor should be used only until a properly grounded outlet (Fig A) can be installed by a qualified electrician. The green color

rigid ear, lug or the like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by a metal screw.

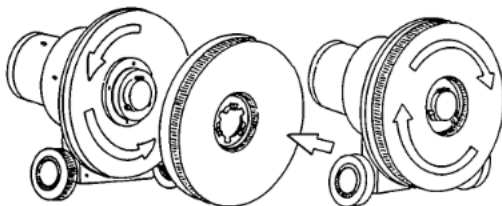
Note: In Canada, the use of a temporary adaptor is not permitted by the Canadian Electrical Code.

OPERATION INSTRUCTIONS

This floor sander is designed to move from side to side. Raise handle slightly to guide right. As handle is raised higher, the faster it will move to the right. Lower the handle to guide left. Likewise, the more you lower handle, the faster it will move to the left.

Plug in the power cable. With pad driver in position, adjust handle and lock into a comfortable operating position. Place hands on handle grips and squeeze trigger locks beneath grips. This will activate the motor and start pad driver operating.

Begin operating this floor sander at the closest possible point to an electrical outlet and work away from the outlet. This will prevent running over the electrical cord.



PAD DRIVER INSTALLATION

1) Unplug power cable and **LOCK** handle in upright position.

2) Tilt the floor sander back until the handle is laying on the floor and underside of the machine is fully exposed.

3) Holding the pad driver in both hands straddling the motor with your back to the handle, bend over and fit the three slots of the clutch plate over the three lugs of the drive plate.

4) Turn the pad driver counterclockwise as far as it will go. It is now seated and ready for operation.

To Remove:

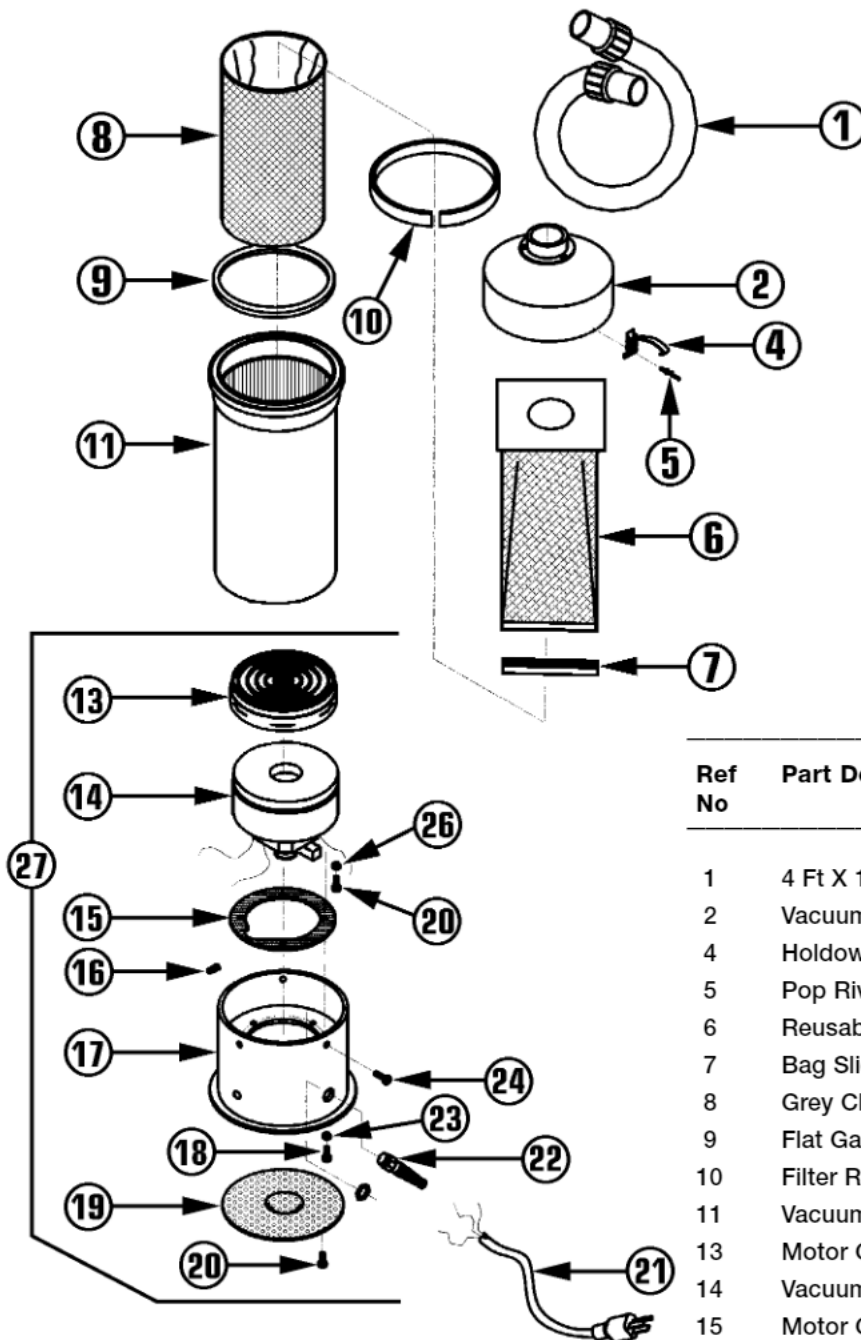
Disengage the clutch plate slots from drive plate lugs by turning clockwise.



CAUTION:

Disconnect wall plug before leaving floor sander unattended to prevent accidental startup. **DO NOT** operate this sander without brush or pad driver and pad in place. Never attempt to lock pad driver on floor sander by positioning (**JUMPING**) running floor sander on unattached pad driver. **DO NOT** leave a plugged in floor sander unattended.

VACUUM ASSEMBLY DRAWING & PARTS LIST



Ref No	Part Description	Qty	Part No
1	4 Ft X 1 1/2" Vacuum Hose Assy.	1	240427
2	Vacuum Cover	1	240389
4	Holdown Clamp	2	447226
5	Pop Rivet	4	214639
6	Reusable Cloth Filter Bag	1	445738
7	Bag Slide Clamp	1	444251
8	Grey Cloth Filter Bag w/Elastic	1	449962
9	Flat Gasket	1	498742
10	Filter Retainer Ring	1	447455
11	Vacuum Body w/Holdown Ring	1	240338
13	Motor Guard	1	422398
14	Vacuum Motor	1	471666A
15	Motor Gasket	2	457752
16	Orange Wire Nut	2	398985
17	Motor Housing	1	240303
18	#10-32 X .65 Screw	4	368385
19	6.25 OD Screen	1	445878
20	#10-32 X .31 Screw	4	368385
21	16/3 Line Cord	1	424463
22	Strain Relief	1	443379
23	Washer	4	369519
24	#1/4 - 20 X 1/2" Screw	3	331740
26	#12 Internal Tooth Lockwasher	1	364037
27	Vacuum Motor Base Assembly	1	239291

HANDLE ASSEMBLY PARTS LIST

Ref No	Part Description	Qty	Part No
1	Switch Box Cover	1	376647
2	#12-24 Nut w/Lockwasher	3	376744
3	Ribbed Handle Grip	2	324744
4	Handle Bar	1	376612
5	1/4 X 1 1/4" Trigger Pin	2	376701
6	Roll Pin	4	383139
7	Extension Spring	2	376671
8	#8-32 X 3/8" Screw	2	367389
9	#6-32 X 1" Switch Screw	2	335576
10	25 AMP Micro Switch	1	469629
11	Cord Clamp	1	342890
12	#6 Internal Tooth Washer	2	355224
13	Leaf Spring	1	335584
14	Trigger Lock Spring	2	383147
15	Plastic Trigger	2	385654
16	Trigger Kit	2	386839
17	Trigger Lock	2	390119
18	#6-32 X 1/4" Screw	4	349402
19	Reinforced Plate	2	387169
20	#12-24 X 1 7/16" Screw	5	376760
21	Switch Box	1	376620
22	#12-24 X 1/2" Screw	2	312746

Ref No	Part Description	Qty	Part No
23	Strain Relief	1	352705
24	#12-24 Hex Nut w/Lockwasher	3	376744
25	Orange Electric Wire Connector	1	398985
26	39" Handle Tube	1	353086
27	0.31 - 18 X 1 2/3" Hex Screw	2	232408
28	Coiled Spring	2	367184
29	Wing Nut	1	380490
30	3/8" Flat Washer	1	353221
31	U-Clamp	1	376051
32	1 1/2" Swivel Hose Connector	1	349445
33	Plastic Grommet	1	477885
34	Pop Rivet	8	318892
35	24" 14/3 Power Cord	1	374091
36	1 1/2" Swivel Hose Connector	1	349445
37	.37-16 X 3.37 Bolt	1	380504
38	Clamping Lever	1	380520
39	Lever Pin	1	382434
40	Metal Cap	1	380555
41	Sq Hole Flat Washer	1	382426
42	.31 - 18 Hex Lock Nut	2	354791
43	.319ID, .625 OD, .250L Spacer	2	232394
44	25 Ft 14/3 Extension Cord	1	373990

