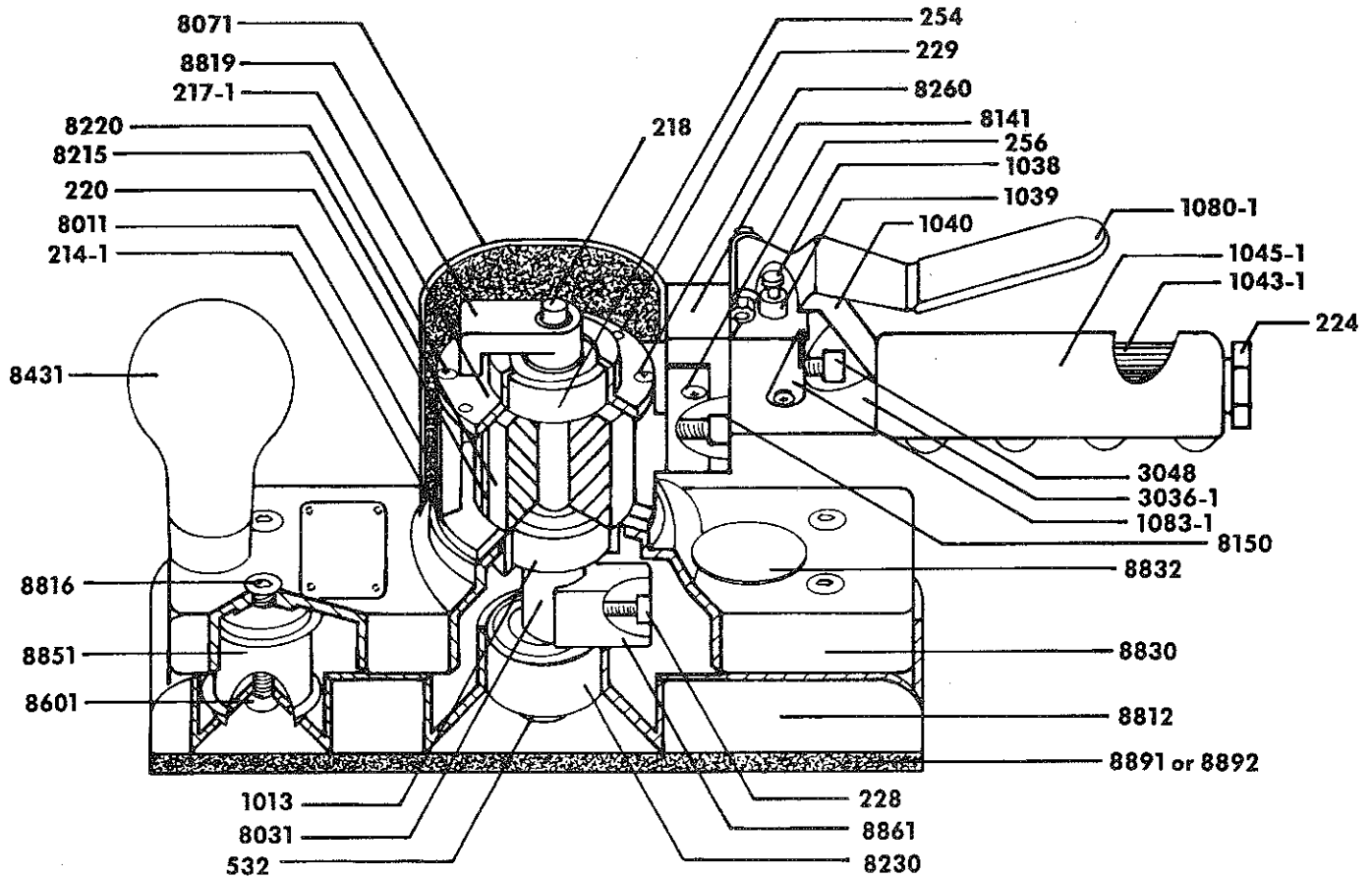




National Detroit, Inc.

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Part No. Description

- 214-1 Lower Motor Bearing Plate Only
- 217-1 Upper Motor Bearing Plate Only
- 218 Top Counterweight Screw
- 220 Rotor Blade (5)
- 224 Motor Screen Plug
- 228 Lower Counterweight Screw
- 229 Dowel Pin (4)
- 246-1 Valve Spring (not shown, part of 3036-1)
- 250 Valve Plug (not shown)
- 254 Ball Bearing Upper
- 256 Cover Screw (2)
- 257 Shim (sizes available .001 thru .006, .010)
- 532 Lower Crank Screw with Washer
- 1013 Ball Bearing Lower
- 1037 Valve Ball (not shown, part of 3036-1)
- 1038 Valve Stem
- 1039 Valve Stem Sleeve
- 1040 Valve Lever
- 1042 Valve Lever Jam Nut
- 1043-1 Handle Steel (less part 224)
- 1045-1 Rear Handle Grip
- 1080-1 Valve Lever Booster Assembly
- 1080-B Valve Lever Bracket Nut
- 1080-C Valve Lever Bracket Screw
- 1083-1 Speed Control Regulator Assembly
- 3036-1 Valve Complete with Speed Control
- 3048 Valve Screw

Part No. Description

- 8011 Motor Cylinder
 - 8031 Crankshaft
 - 8071 Cover
 - 8141 Valve Riser Block
 - 8150 Valve Riser Screw (2)
 - 8215 Motor Rotor
 - 8220 Motor Screw with Washer (3)
 - 8230 Crank Bearing
 - 8260 Motor Screw (small head) (1)
 - 8431 Front Handle Ball
 - 8601 Screw Bottom Support (4)
 - 8812 Pad Shoe
 - 8816 Screw Top Support (4)
 - 8819 Top Counterweight
 - 8830 Motor Base
 - 8832 Plug
 - 8851 Thrust Support Assembly (4) with Screws
 - 8861 Lower Counterweight
 - 8891 Backing Pad Textured—Standard
- 8851 Thrust Support Assembly
- 4—8040 Lower Thrust Plate
 - 4—8050 Upper Thrust Plate
 - 4—8130 Support Boot
 - 4—8881 Boot Retainer

Optional Parts

- 1—8892 Backing Pad Fine Finish
- Dust Collector add 1—8910 Handle Air Tube remove 1—8832 Plug 1—1045-1 Grip

NATIONAL DETROIT

MODEL 2200 ORBITAL SANDER

OPERATING INSTRUCTIONS

Connect to air line equipped with filter and regulator. Adjust for 60 PSI. This is adequate for most sanding. Excessive air pressure causes unnecessary wear and may retard sanding efficiency. Never run the Sander free off of the work. Adjust speed control lever on left side of valve for best cutting speed. Sometimes a new Sander, or one being idle for a few days, will not start when the operating valve is depressed. Should this happen, hold the machine in the right hand with the operating valve pressed down. Then rest the sanding pad in the left hand and push it back and forth until the motor starts.

LUBRICATION. Lubrication should be performed daily. Put several drops of light oil through the air intake line daily. This will prolong tool life and prevent rust formation in the motor. If the tool is operated in conjunction

with an air line oiler, it should be adjusted to admit no more than 1 drop every five minutes. Excessive oil flow can cause an oil film deposit on the work.

ABRASIVE PAPER SIZE 2-3/4 x 8 IN. This tool is made to accept PSA paper only. Use standard PSA file board paper cut in 2 pieces. Finer grits are also available in 2-3/4 wide by roll size. Simply cut to 8 in. lengths to use.

ABRASIVE PAD. The pad supplied on this tool is a textured hard neoprene material. For super fine finishes, install the fine finish pad listed under optional parts. This pad should be used for 180 grit and finer. (up to 600)

When removing paper from the fine finish pad start carefully at one corner and remove slowly to prevent tearing the pad.

CAUTION: READ AND OBSERVE THE ENCLOSED WARNINGS AND SAFETY RULES FOR SAFE OPERATION.