

TECHNICAL INFORMATION



NEW TOOL

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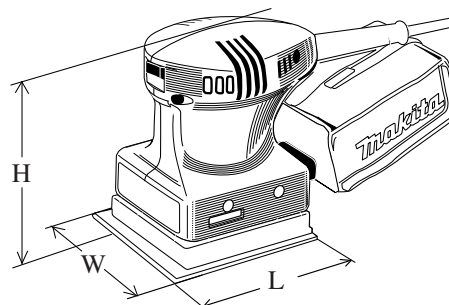
Models No. ▶ BO4554

Description ▶ Finishing Sander

CONCEPTION AND MAIN APPLICATIONS

The above model is the sister model of the existing Mod. BO4553.

The easy replacing abrasive paper thanks to hook and loop system pad.



| Dimensions : mm (") | |
|-----------------------|---------------|
| Width (W) | 116 (4-9/16) |
| Height (H) | 131 (5-1/8) |
| Length (L) | 122 (4-13/16) |

► Specification

| Voltage (V) | Current (A) | Cycle (Hz) / 60 | Continuous Rating (W) | | Max. Output(W) |
|-------------|-------------|-----------------|-----------------------|--------|----------------|
| | | | Input | Output | |
| 115 | 1.6 | 50 / 60 | 160 | 55 | 70 |
| 220 | 0.8 | 50 / 60 | 160 | 55 | 70 |
| 230 | 0.8 | 50 / 60 | 160 | 55 | 70 |
| 240 | 0.7 | 50 / 60 | 160 | 55 | 70 |

| | |
|---------------------------------|----------------------------|
| Pad size : mm (") | 104 x 116 (4-1/8 x 4-9/16) |
| Abrasive paper size : mm (") | 102 x 114 (4-1/16 x 4-1/2) |
| No load speed : (min - max rpm) | 14,000 |
| Orbit diameter : mm (") | 1.5 (1 / 16) |
| Pad system | Hook and loop |
| Dust extracting system | Self dust extracting |
| Protection from electric shock | by Double insulation |
| Net weight :Kg (lbs) | 0.95 (2.1) |
| Cord length : m (ft) | 2 (6.6) |

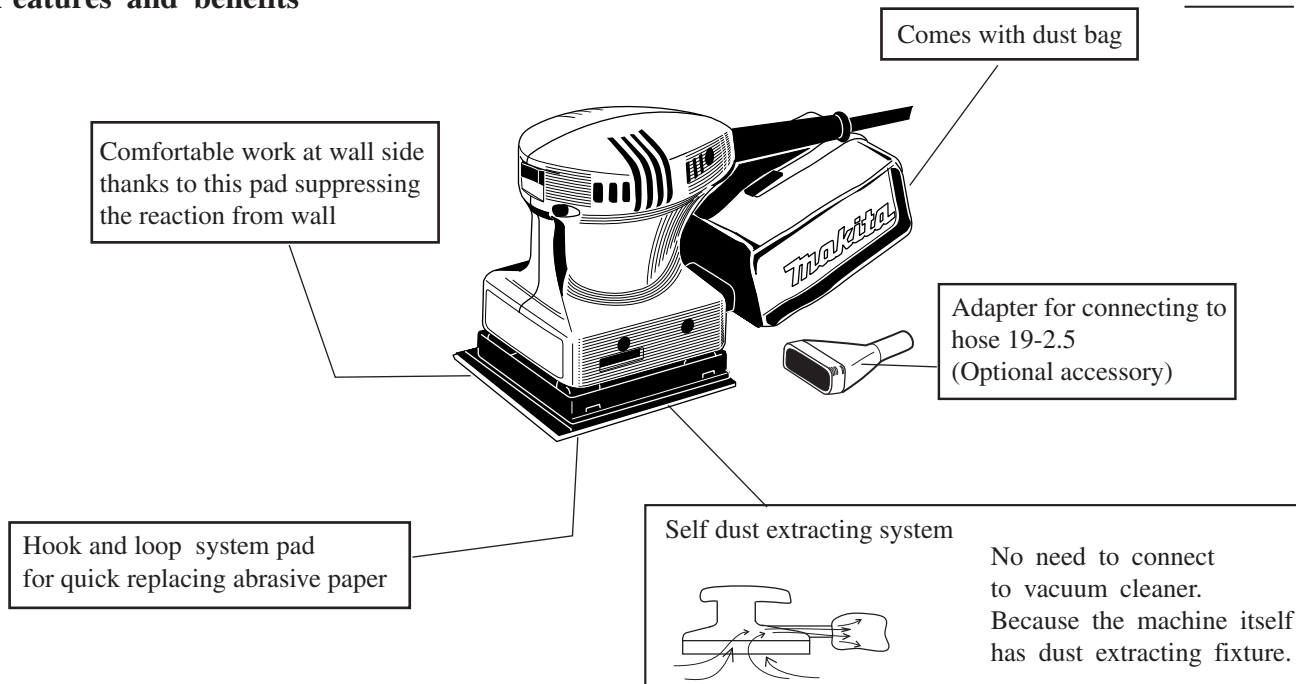
► Standard equipment

- * Abrasive paper 114 - 60 1 pc. (with dust extraction hole)
- * Abrasive paper 114 - 100 1 pc. (with dust extraction hole)
- * Abrasive paper 114 - 150 1 pc. (with dust extraction hole)
- * Dust bag 1 pc.

< Note > The standard equipment for the tool shown may differ from country to country.

► Optional accessories

- * Abrasive paper 114 - 60 (10 cps. p. pack)
- * Abrasive paper 114 - 100 (10 cps. p. pack)
- * Abrasive paper 114 - 150 (10 cps. p. pack)
- * Adapter for connecting to hose 19-2.5
- * Hose 19-2.5



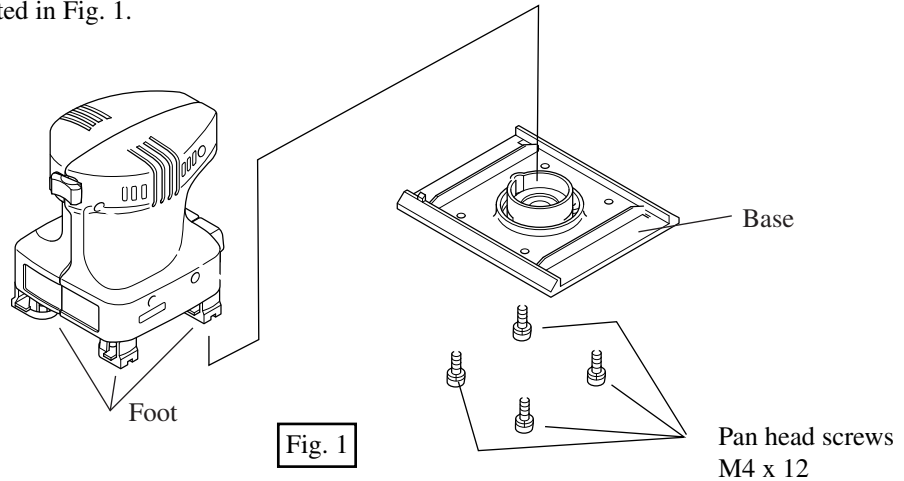
► **Comparison of products**

| Model No. Specifications | MAKITA | | Competitor A | Competitor B |
|-------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| | BO4554 | BO4550 | Model A | Model B |
| Continuous rating input (W) | 160 | 160 | 150 | 200 |
| No load speed : (min -1= opm) | 14,000 | 14,000 | 12,000 | 10,000 |
| Orbit diameter : mm (") | 1.5 (1 / 16) | 1.5 (1 / 16) | 2.4 (3 / 32) | 2.4 (3 / 32) |
| Paper installation | Hook and loop | Clamp | Hook and loop + Clamp | Hook and loop + Clamp |
| Pad size : mm (") | 104 x 116 (4 1/8 x 4-9/16) | 100 x 112 (4 x 4-3/8) | 130 x 80 (5-1/8 x 3-1/8) | 130 x 80 (5-1/8 x 3-1/8) |
| Abrasive paper size: mm (") | 102 x 114 (4-1/16 x 4-1/2) | 140 x 114 (5-1/2 x 4-1/2) | 133 x 80 (5-1/4 x 3-1/8) | 133 x 80 (5-1/4 x 3-1/8) |
| * Dust extracting system | A Type Also connectable to cleaner | A Type Also connectable to cleaner | A Type Also connectable to cleaner | A Type Also connectable to cleaner |
| Net weight :Kg (lbs) | 0.95 (2.1) | 0.95 (2.1) | 1.3 (2.9) | 1.5 (3.3) |

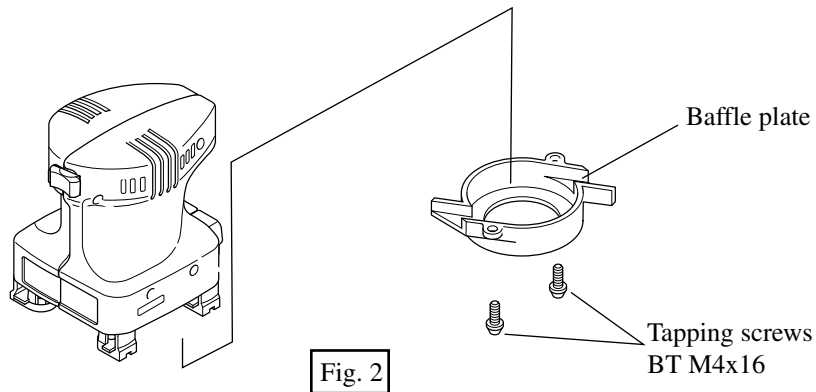
| Dust extracting system | |
|------------------------|---|
| A Type | No need to connect to vacuum cleaner. Because the machine itself has dust extracting fixture. But, also employable by connecting to vacuum cleaner. |
| B Type | Required to connect to vacuum cleaner. Because the machine itself does not have dust extracting fixture. |
| C Type | Impossible to exact dust. Because the machine has neither dust extracting fixture nor adaptor to connect to vacuum cleaner. |

(1) Replacing foot and carbon brush

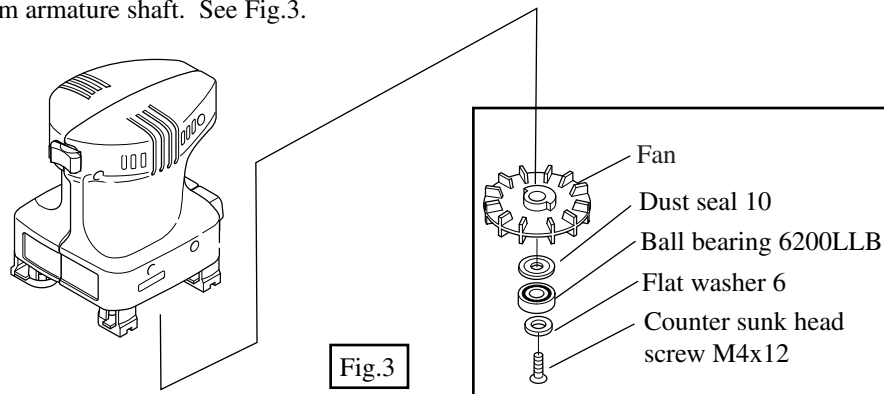
1. Separate base section from the motor section by loosening 4 pcs. of pan head screws M4 x 12 which is fixing foot on base as illustrated in Fig. 1.



2. Disassemble baffle plate from inside of the motor section by loosening 2 pcs. of tapping screws BT M4x16. And take off counter sunk head screw M4x12 which is fixing See Fig. 2.



3. Take off counter sunk head screw M4x12, then flat washer 6, ball bearing 6200LLB, dust seal 10 and fan can be removed from armature shaft. See Fig.3.

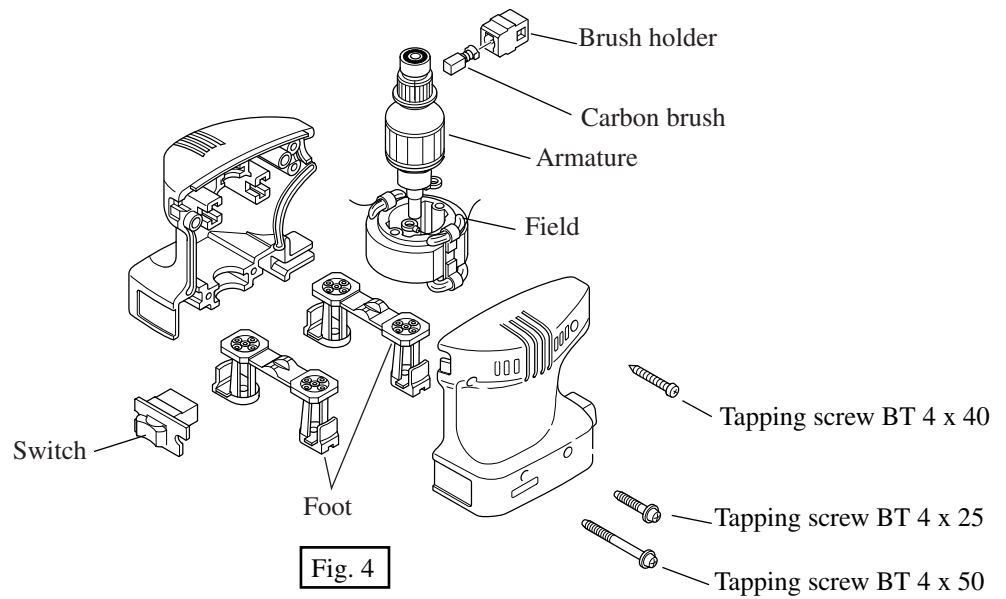


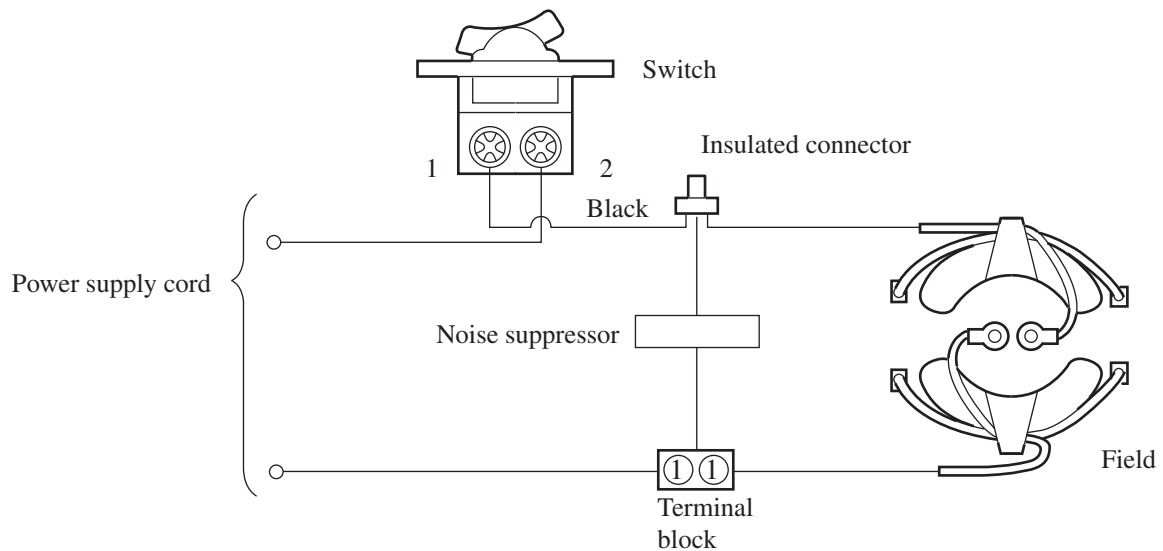
< Note > Lock the fan with screwdriver when unscrewing counter sunk head screw M4x12.
Then, the above spare parts can be removed easily from armature.

4. Take off the following screws which are fixing housing R and L.

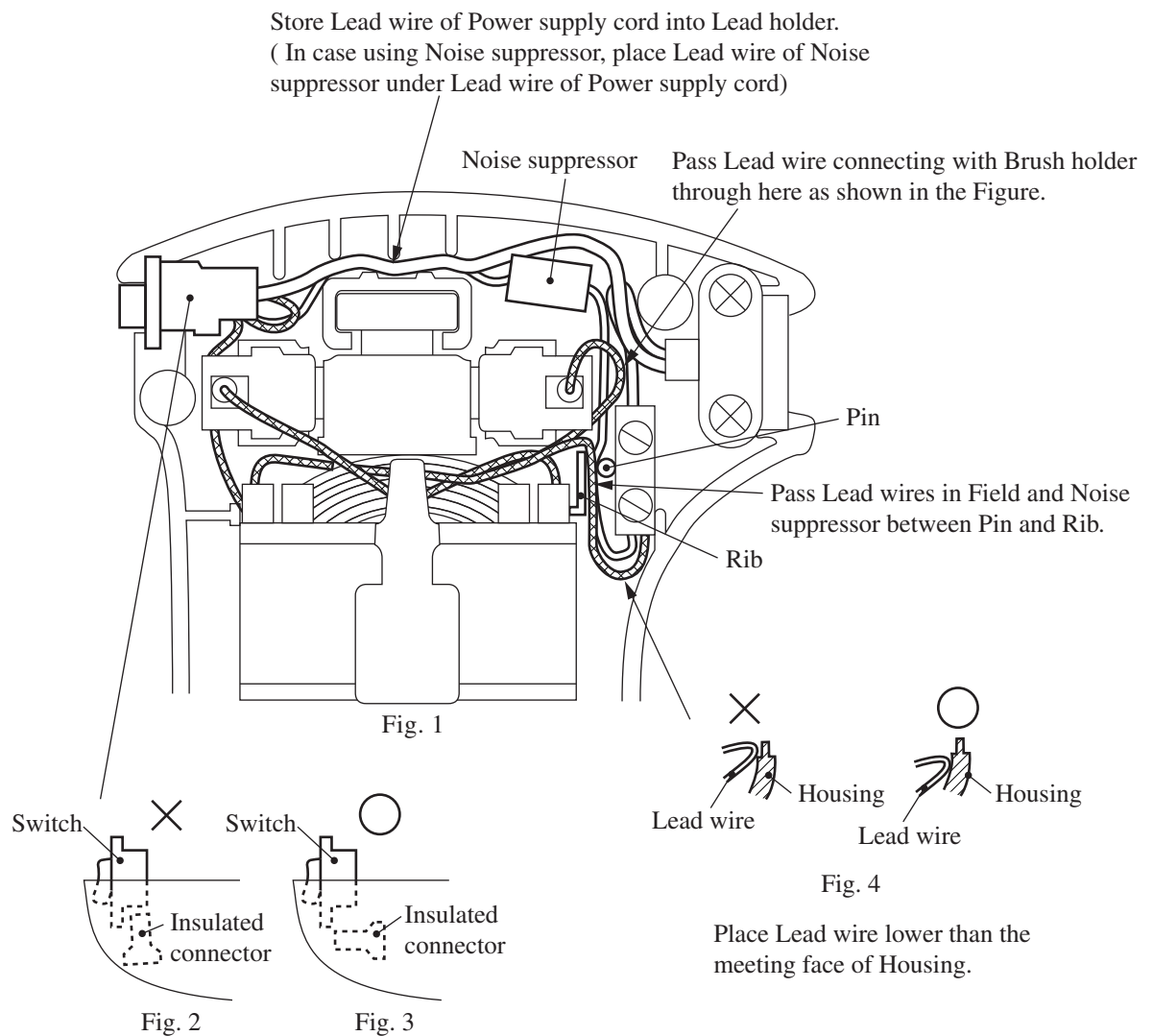
- * Tapping screw BT 4 x 40
- * Tapping screw BT 4 x 25
- * Tapping screw BT 4 x 50

Then, housing R can be separated from housing L, and foot, carbon brush, switch, armature, etc. can be replaced. see Fig. 4.





► **Wiring diagram**



When you use Noise suppressor, place Insulated connector under Switch on its side as shown in Fig. 3 to prevent it from interference with Switch