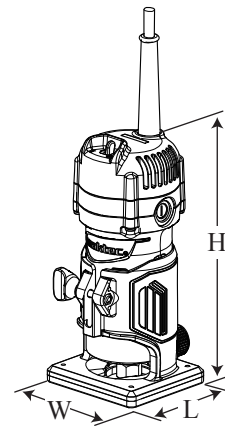


T ECHNICAL INFORMATION

Model No. ▶ MT372

Description ▶ Trimmer



Dimensions: mm (")	
Length (L)	82 (3-1/4)
Width (W)	90 (3-1/2)
Height (H)	199 (7-7/8)

CONCEPT AND MAIN APPLICATIONS

Model MT372 has been developed as the cosmetic change model of maktec trimmer MT371.

Its main features are:

- Industrial performance and durability at less expense
- Rubberized soft grip

► Specification

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output (W)
			Input	Output	
110	5.1	50/60	530	300	570
120	4.0	50/60	---	170	570
220	2.5	50/60	530	300	570
230	2.5	50/60	530	300	570
240	2.4	50/60	530	300	570

No load speed: min. ⁻¹ = rpm.	35,000
Collet capacity*	6mm or 1/4" (6.35mm)
Plunge capacity: mm (")	0 - 42 (0 - 1-5/8)
Switch type	Toggle
Protection from electric shock	Double insulation
Power supply cord: m (ft)	2.0 (6.6)
Weight according to EPTA-Procedure 01/2003: kg (lbs)	1.4 (3.1)

* Collet capacity may vary by country.

► Standard equipment

Wrench 10	1
Wrench 17	1
Chip deflector	1
Template guide 10	1
Trimmer guide assembly	1
Straight guide assembly	1
Straight bit 6 or 6E	1

Note: The standard equipment for the tool shown above may differ by country.

► Optional accessories

No

► Repair

CAUTION: Repair the machine in accordance with “Instruction manual” or “Safety instructions”.

[1] NECESSARY REPAIRING TOOLS

Code No.	Description	Use for
1R269	Bearing extractor	removing Ball bearings from Armature
1R280	Round bar for Arbor 6-50	removing Ball bearing 6002DDW from Armature fan side

[2] LUBRICATION

It is not required to lubricate the machine, because of no gear mechanism to be lubricated.

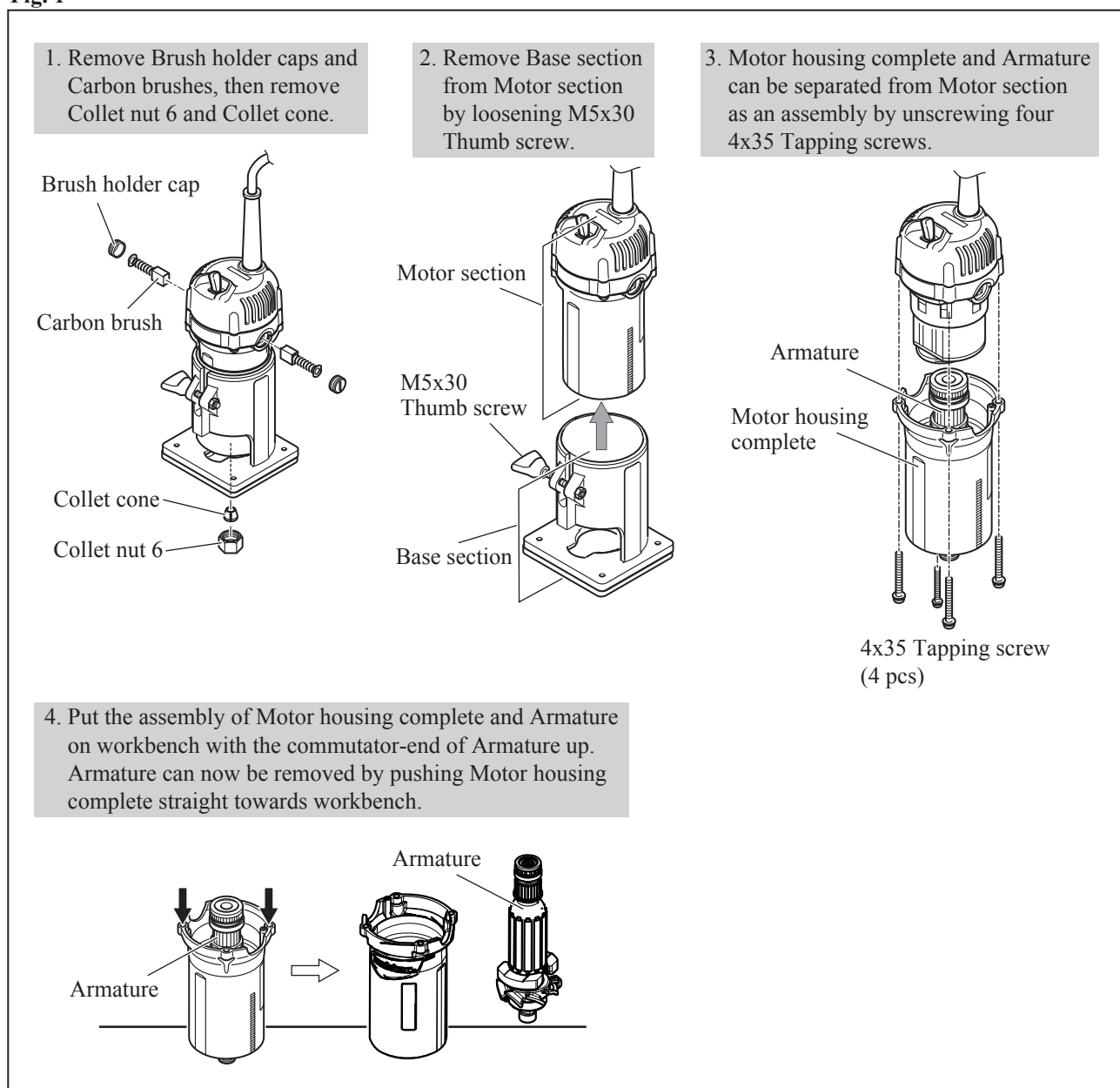
[3] DISASSEMBLY/ASSEMBLY

[3] -1. Armature

DISASSEMBLING

(1) Disassemble Armature as drawn in **Fig. 1**.

Fig. 1



► Repair

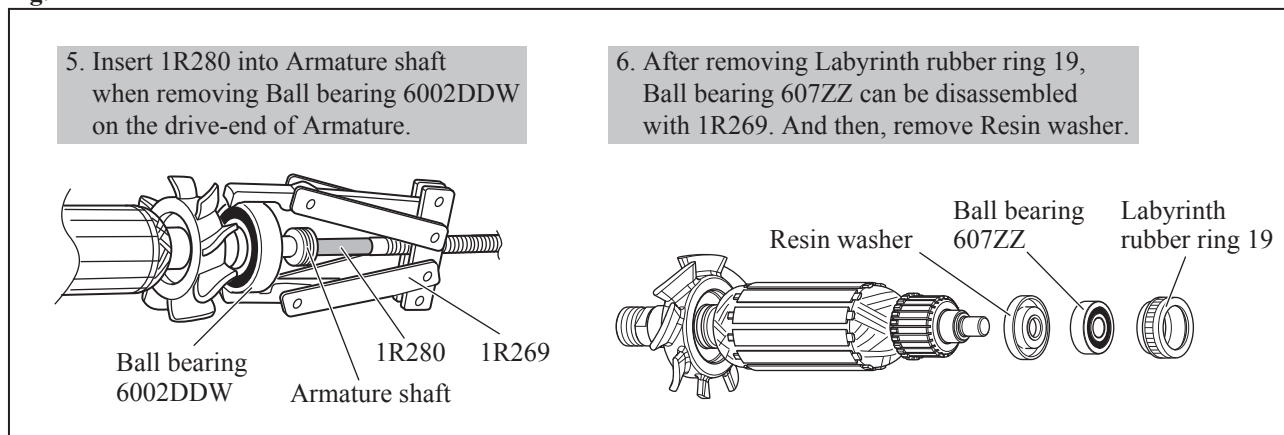
[3] DISASSEMBLY/ASSEMBLY

[3] -1. Armature (cont.)

DISASSEMBLING

(2) Remove Ball bearings 6002DDW and 607ZZ from Armature as drawn in **Fig. 2**.

Fig. 2

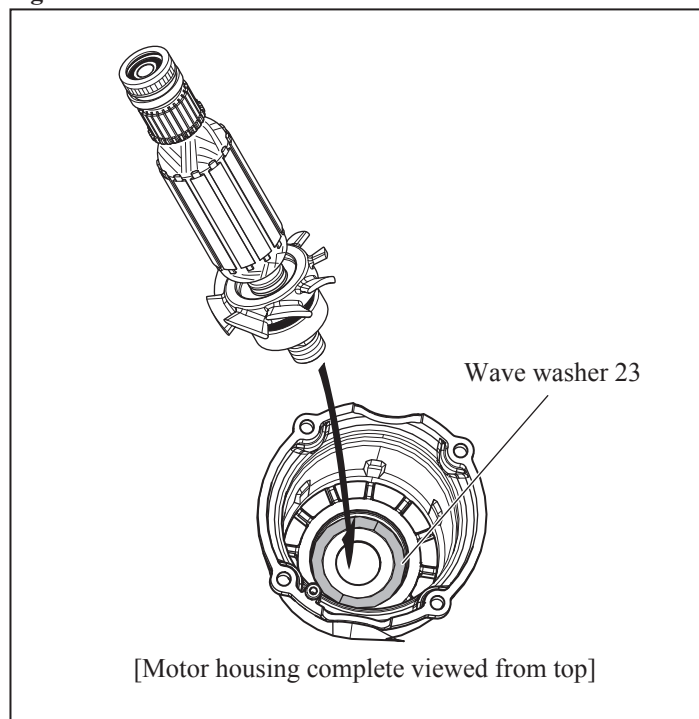


ASSEMBLING

Assemble by reversing the disassembly procedure.

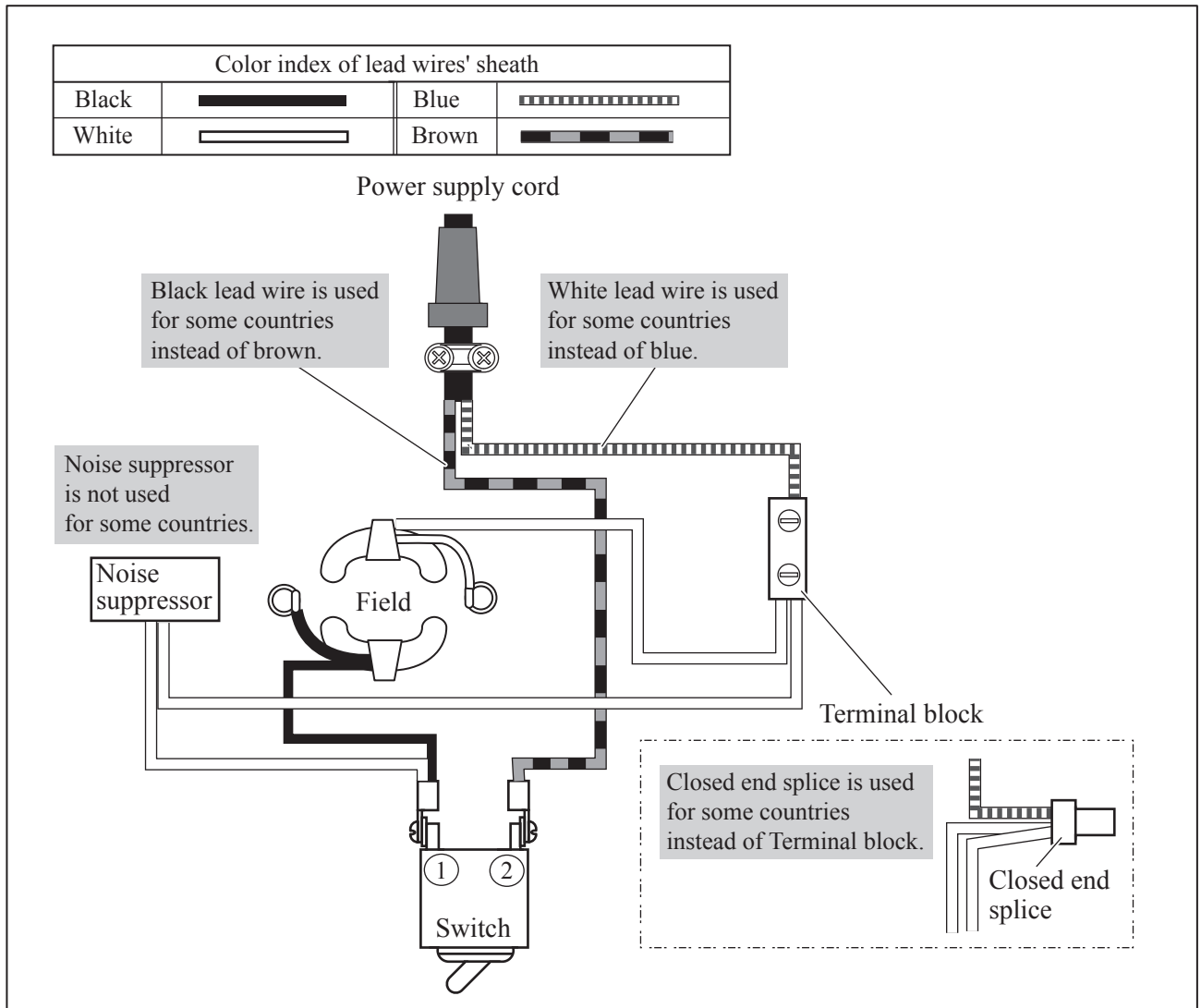
Note: Before assembling Armature to Motor housing complete, make sure that Wave washer 23 is assembled in place on the bottom of Motor housing complete. (**Fig. 3**)

Fig. 3



► **Circuit diagram**

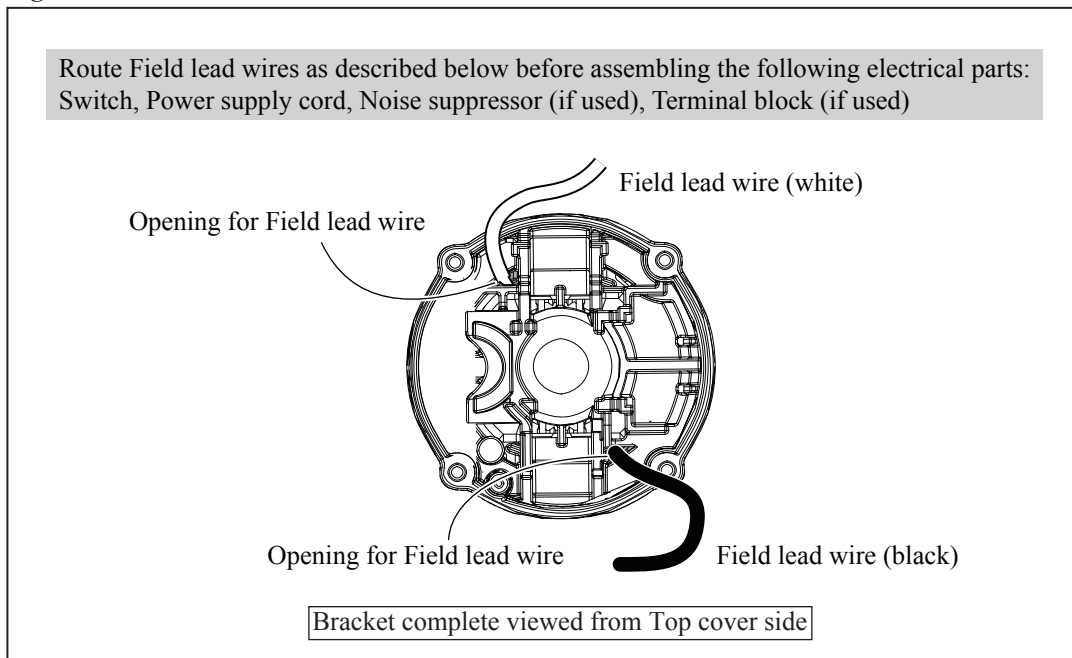
Fig. D-1



► **Wiring diagram**

[1] Before Installing Electrical Parts

Fig. D-2



► **Wiring diagram**

[2] After Installing Electrical Parts

Put electrical parts in place and route Lead wires as described in **Fig. D-3A** for using with **Terminal block**, in **Fig. D-3B** for using with **Closed end splice**.

Fig. D-3A

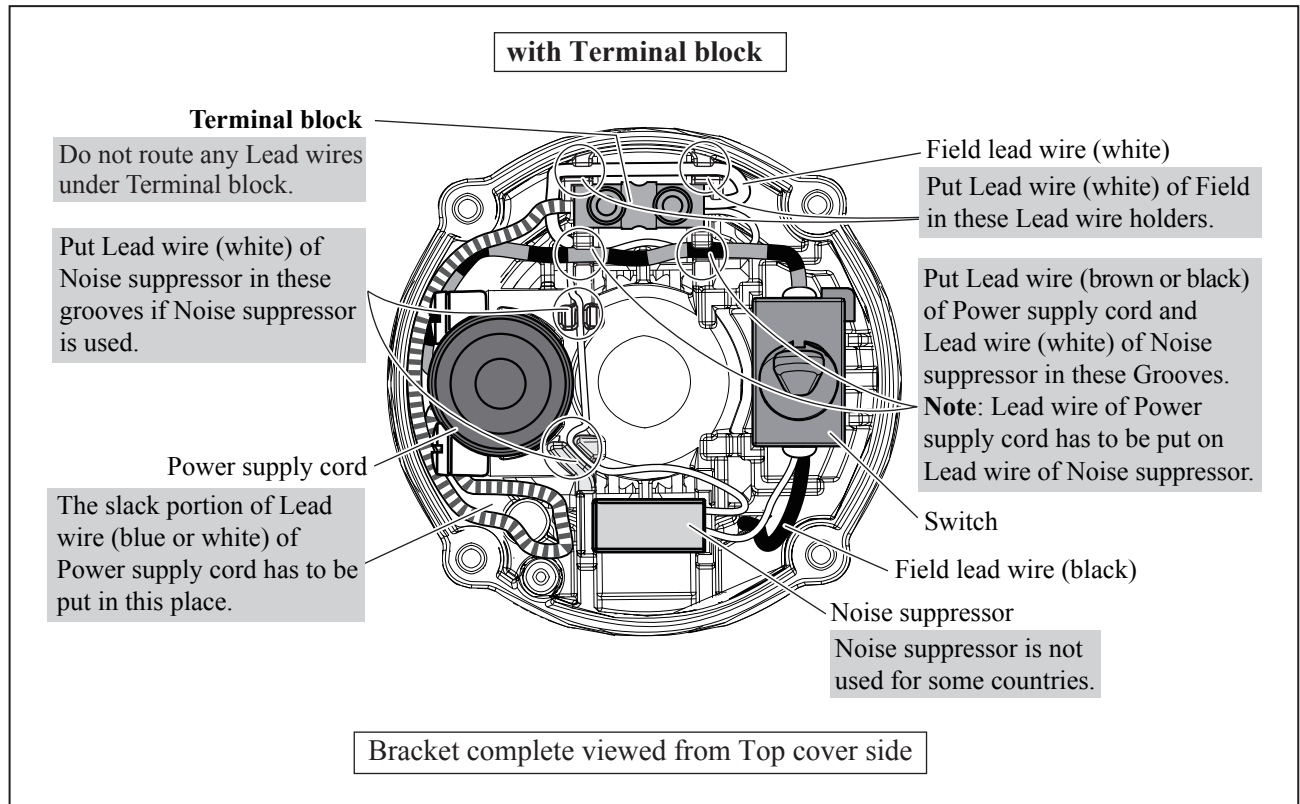


Fig. D-3B

