

TECHNICAL INFORMATION

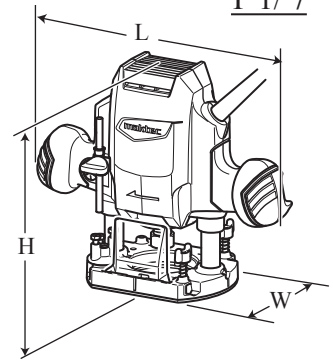
maktec
by Makita

PRODUCT

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Models No. ▶ MT361

Description ▶ Router



Dimensions: mm (")	
Length (L)	256 (10-1/8)
Width (W)	110 (4-5/16)
Height (H)	218 (8-5/8)

CONCEPT AND MAIN APPLICATIONS

Model MT361 is a **maktec** 900W class Router developed based on the current Makita brand model RP0900.

Its features are:

- New aesthetic design of maktec series model
- Industrial performance and durability at less expense

► Specification

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output (W)
			Input	Output	
110	8.6	50/60	900	450	1000
120	8.0	50/60	---	450	1000
220	4.3	50/60	900	480	1100
230	4.1	50/60	900	480	1100
240	4.0	50/60	900	480	1100
240 (for Oceania countries)	4.4	50/60	1,000	580	1100

Specifications	Model No.	MT361
No load speed: rpm = min ⁻¹		27,000
Collet capacity*1		6mm, 8mm, 6.35mm (1/4"), 9.53mm (3/8")
Plunge capacity: mm (")		0 ~ 35 (0 ~ 1-3/8)
Switch type		Trigger switch
Protection against electric shock		Double insulation
Power supply cord: m (ft)		2.0 (6.6)
Weight according to EPTA-Procedure 01/2003*2: kg (lbs)		2.7 (6.0)

*1 Collet capacity may vary by country.

*2 with Dust nozzle

► Standard equipment

Straight guide	1	Collet cone 8mm	1 (for some countries only)
Straight bit 6mm or 6.35mm (1/4")	1	Collet cone 6mm or 6.35mm (1/4") ...	1
Wrench 13	1	Dust nozzle set	1 (for Europe only)
Wrench 22	1		

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

► Optional accessories

No

► Repair

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

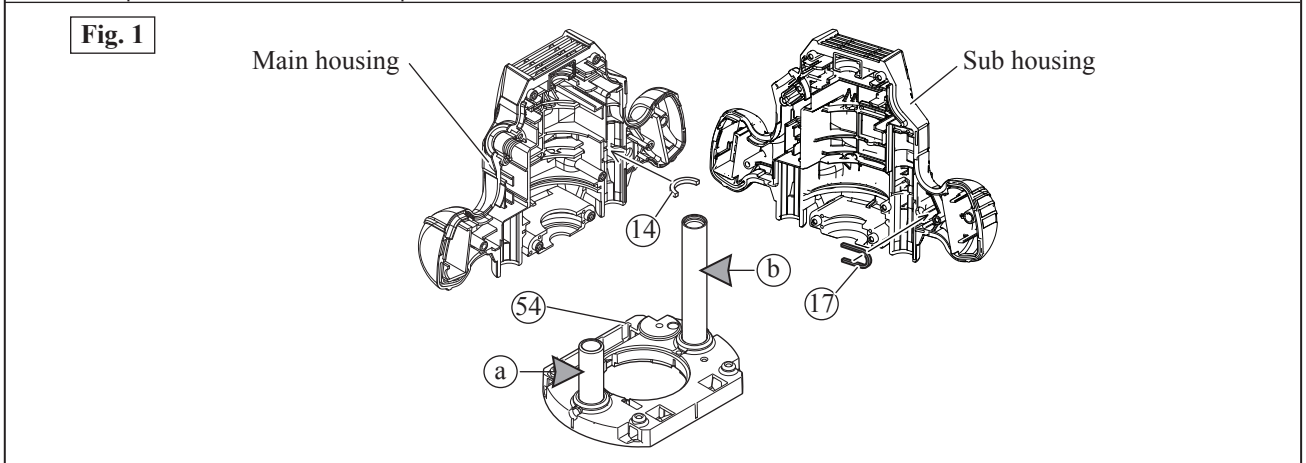
[1] NECESSARY REPAIRING TOOLS

Code No.	Description	Use for
1R045	Gear Extractor (large)	Removing Ball bearing 6203DDW from Armature’s drive end
1R269	Bearing Extractor (small)	Removing Ball bearing 608ZZ from Armature commutator end

[2] LUBRICATIONS

Apply the lubricant designated by Makita to the portions pointed with gray triangles to protect parts and product from unusual abrasion.

Item No.	Description	Portion to lubricate	Lubricant	Amount
⑤4	Base Complete	a. Pipe R 18 for smooth sliding of Main & Sub housings	VG100	appropriate volume
		b. Pipe L 18 for smooth sliding of Main & Sub housings		
⑭	Felt (in Main housing)	Whole portion		
⑰	Felt (in Sub housing)	Whole portion		



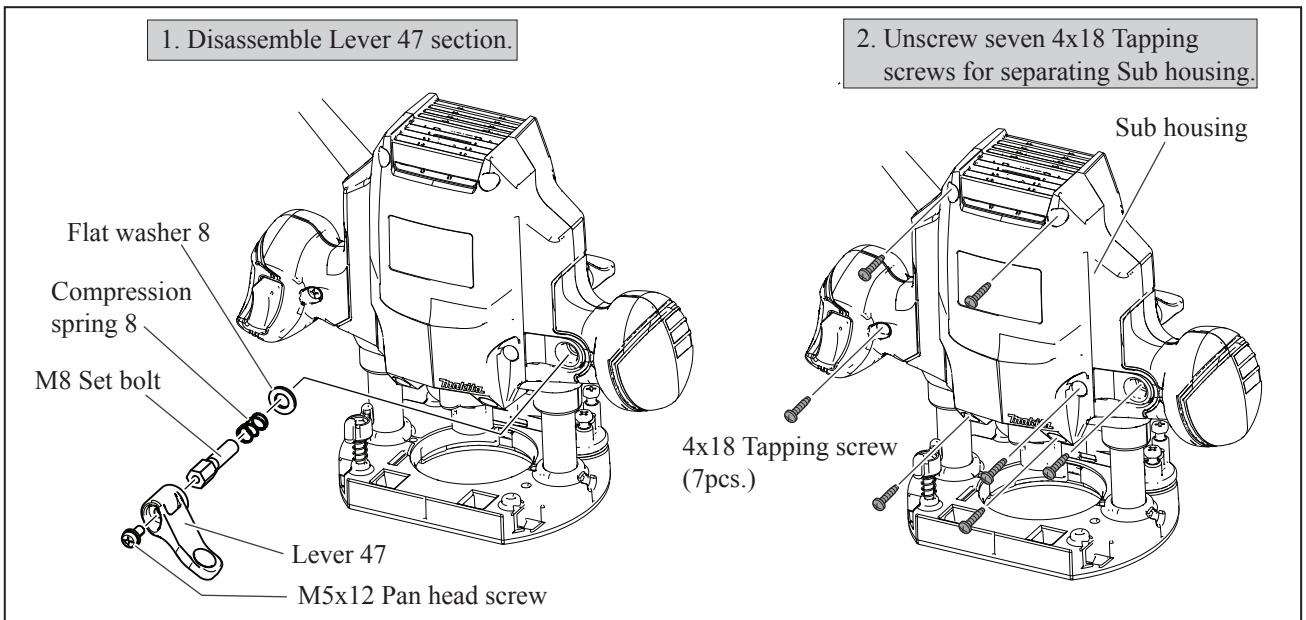
[3] DISASSEMBLY/ASSEMBLY

[3]-1. Base complete

DISASSEMBLING

For disassembling Base complete and Armature etc., Sub housing has to be separated from Main housing. Disassemble Sub housing (**Fig. 2, Fig. 3**).

Fig. 2



Repair

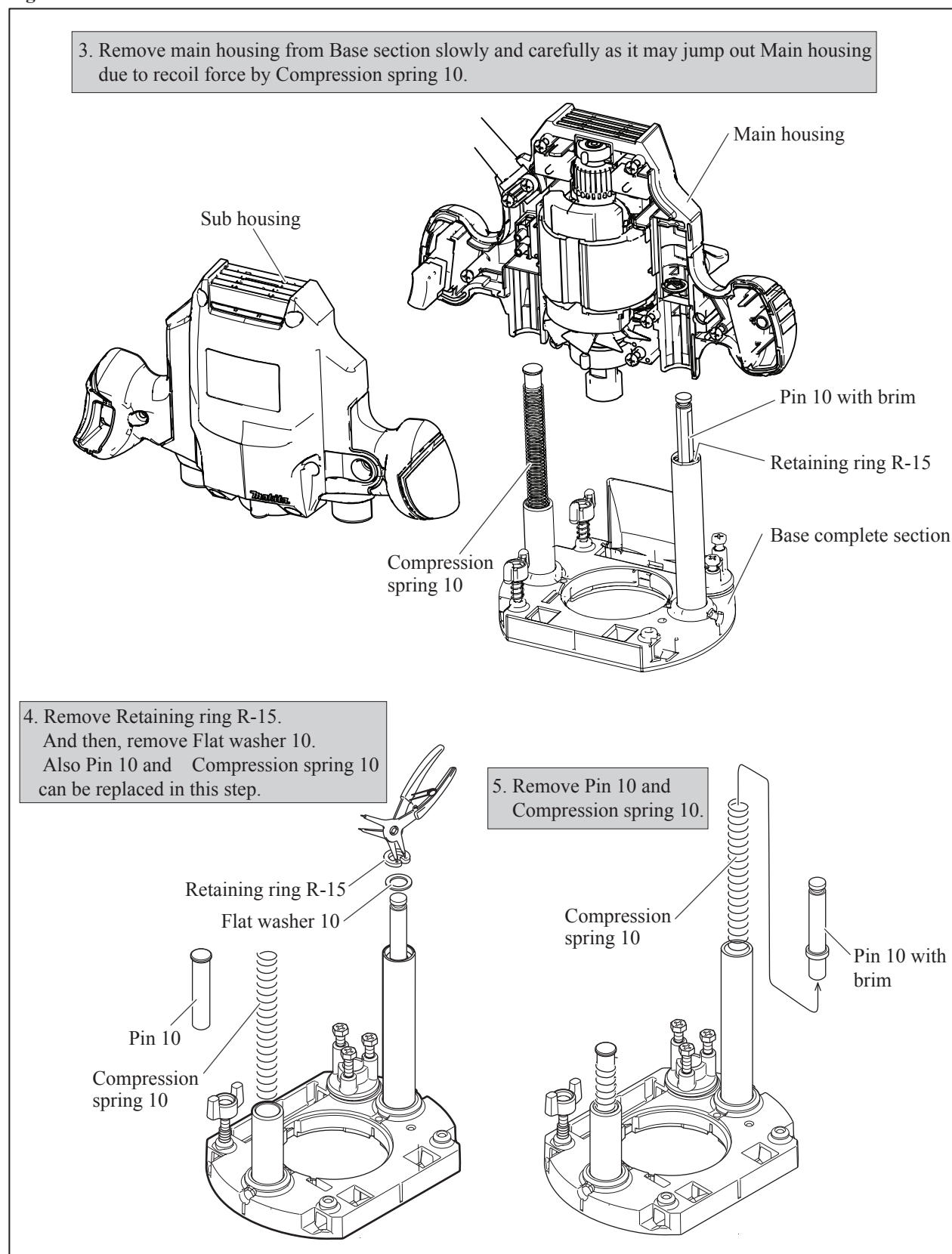
[3] DISASSEMBLY/ASSEMBLY

[3]-1. Base complete

DISASSEMBLING

Remove Sub housing and separate Base complete section from Main housing. And disassemble Base section (**Fig. 3**).

Fig. 3



► Repair

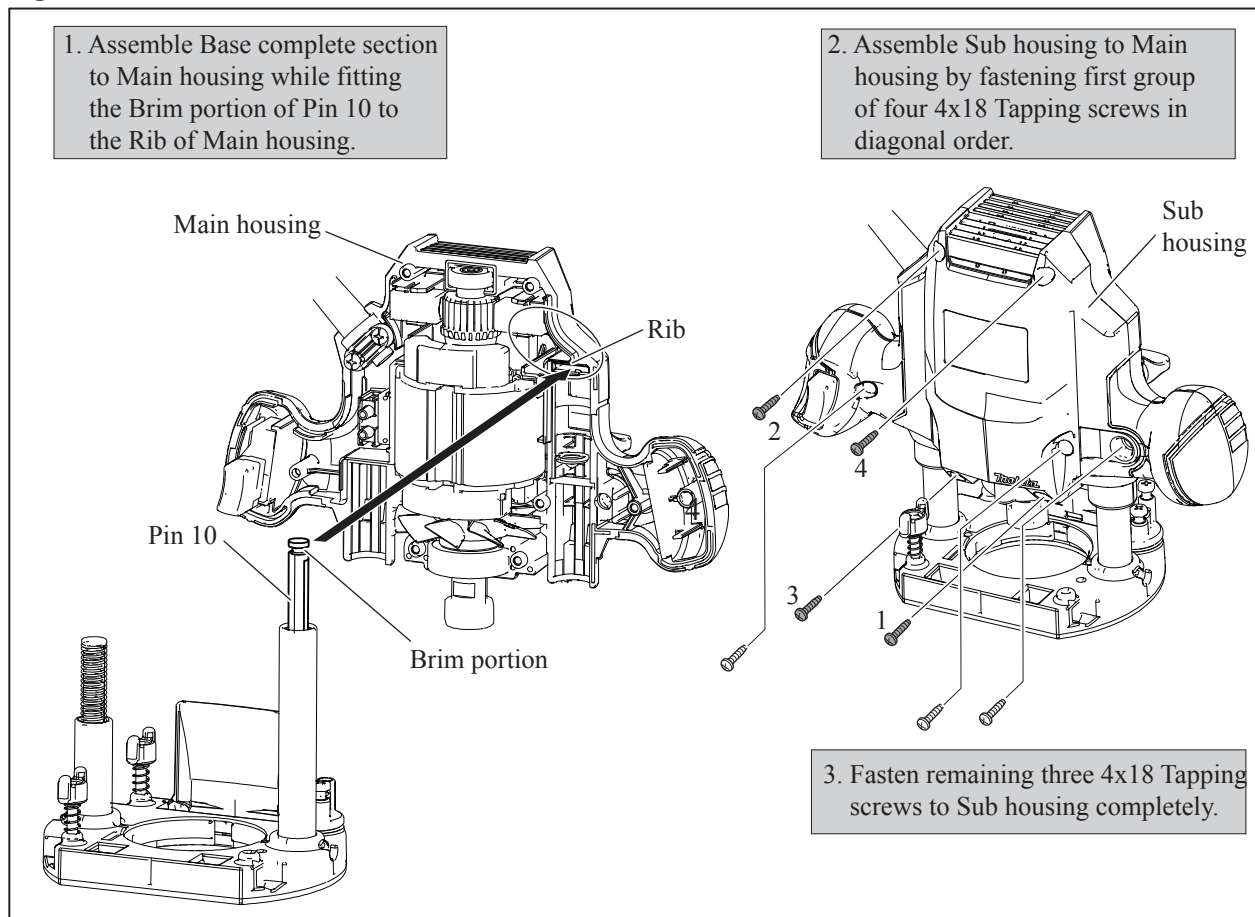
[3] DISASSEMBLY/ASSEMBLY

[3]-1. Base complete

ASSEMBLING

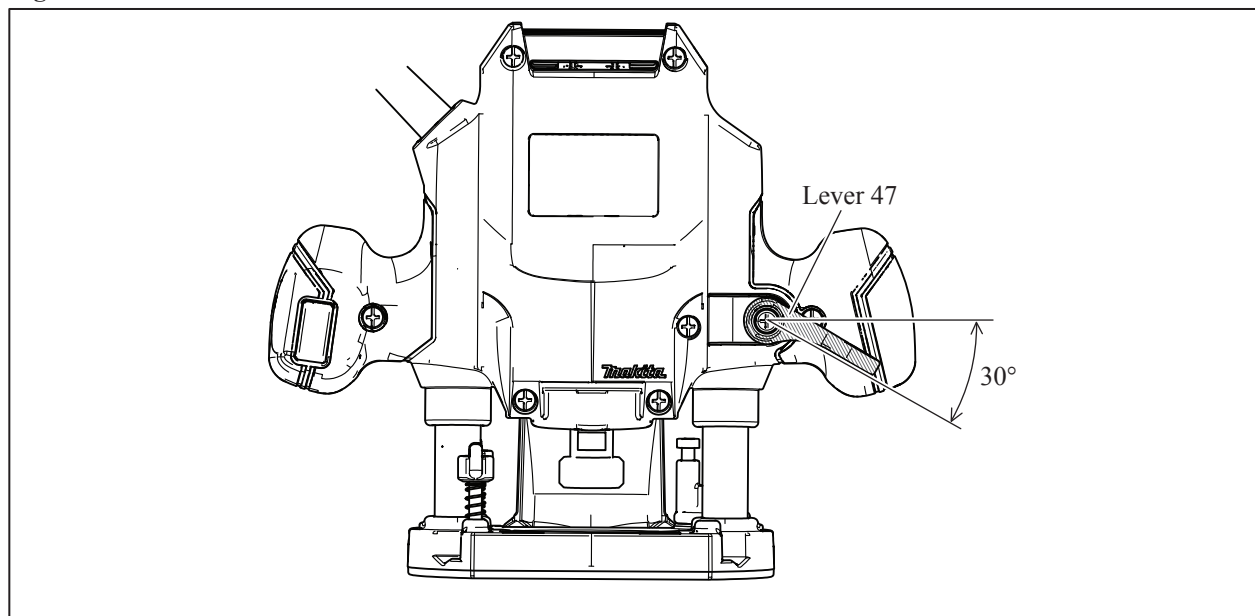
- (1) Assemble Base complete section (Fig. 3).
- (2) Mount the Base complete section to Main housing (Fig. 4).

Fig. 4



- (3) Assemble Lever 47 (Fig. 2).
Fix Lever 47 and it must lock the base movement within illustrated angle (Fig. 5).

Fig. 5.



► **Repair**

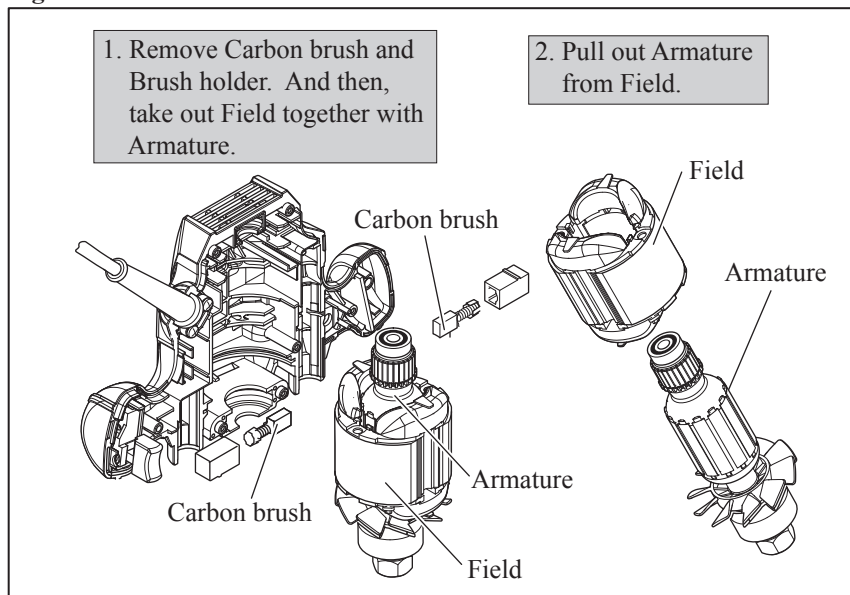
[3] DISASSEMBLY/ASSEMBLY

[3]-2. Armature

DISASSEMBLING

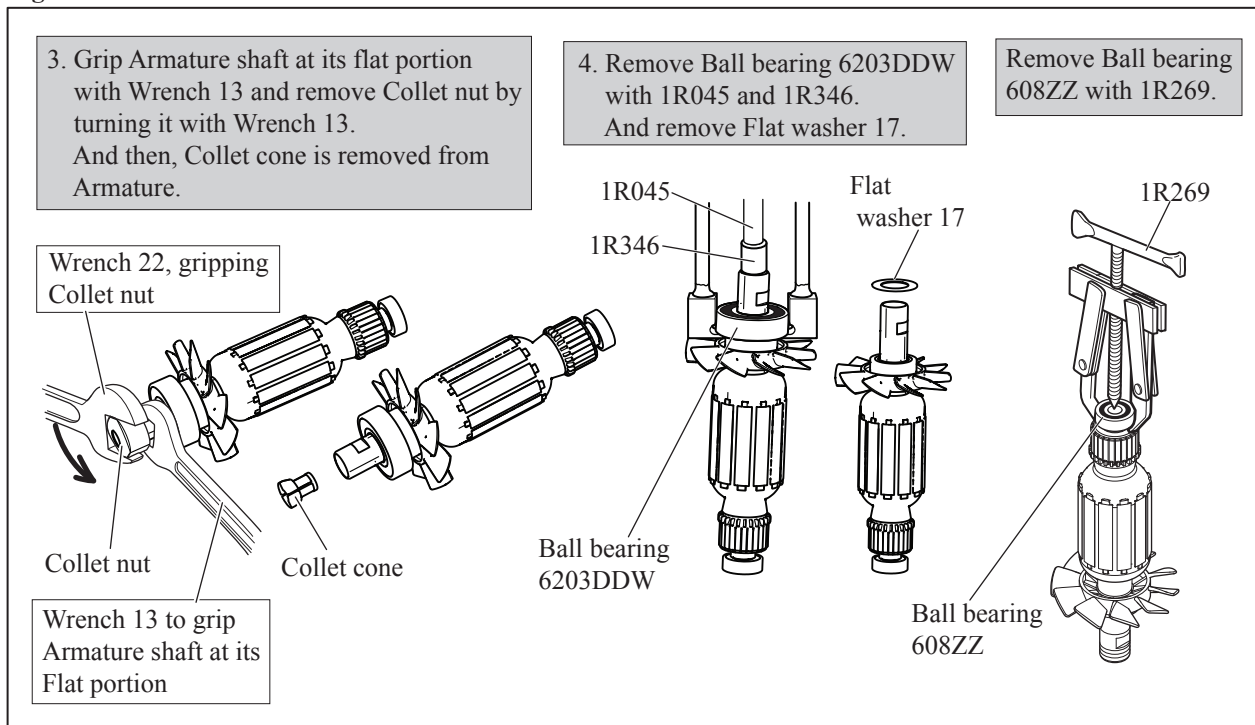
- (1) Separate Sub housing from Main housing as illustrated in **Fig. 2** and **Fig. 3**.
- (2) Disassemble Armature from Main housing (**Fig. 6**).

Fig. 6



- (3) Assemble the removed Armature (**Fig. 7**).

Fig. 7



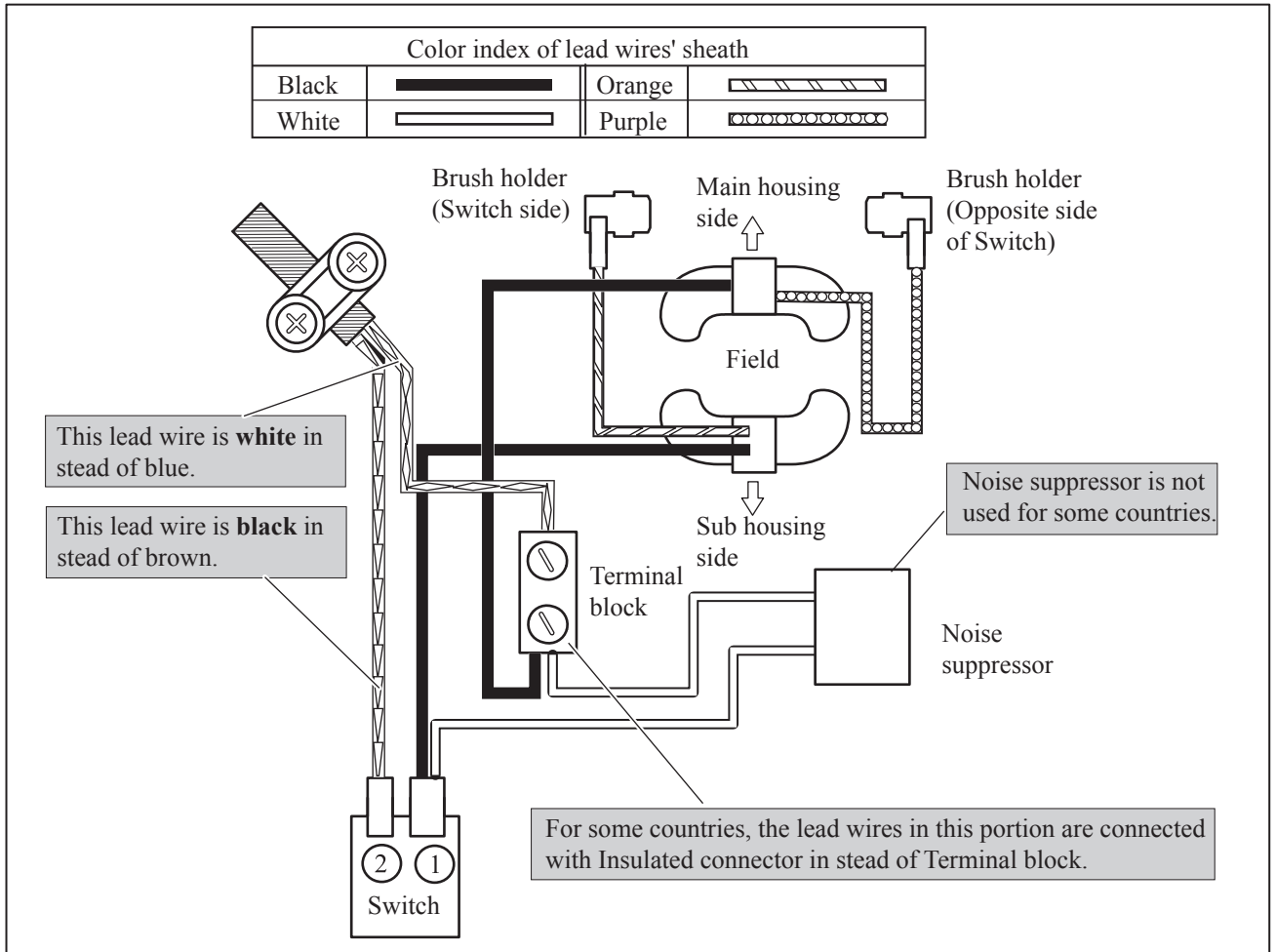
ASSEMBLING

Assemble Armature by taking the reverse step of Disassembling (**Fig. 7**, **Fig. 6**).

Note: Do not forget to mount Flat washer 17 to Armature at the Drive end (Fan side), before mounting Ball bearing 6203DDW.

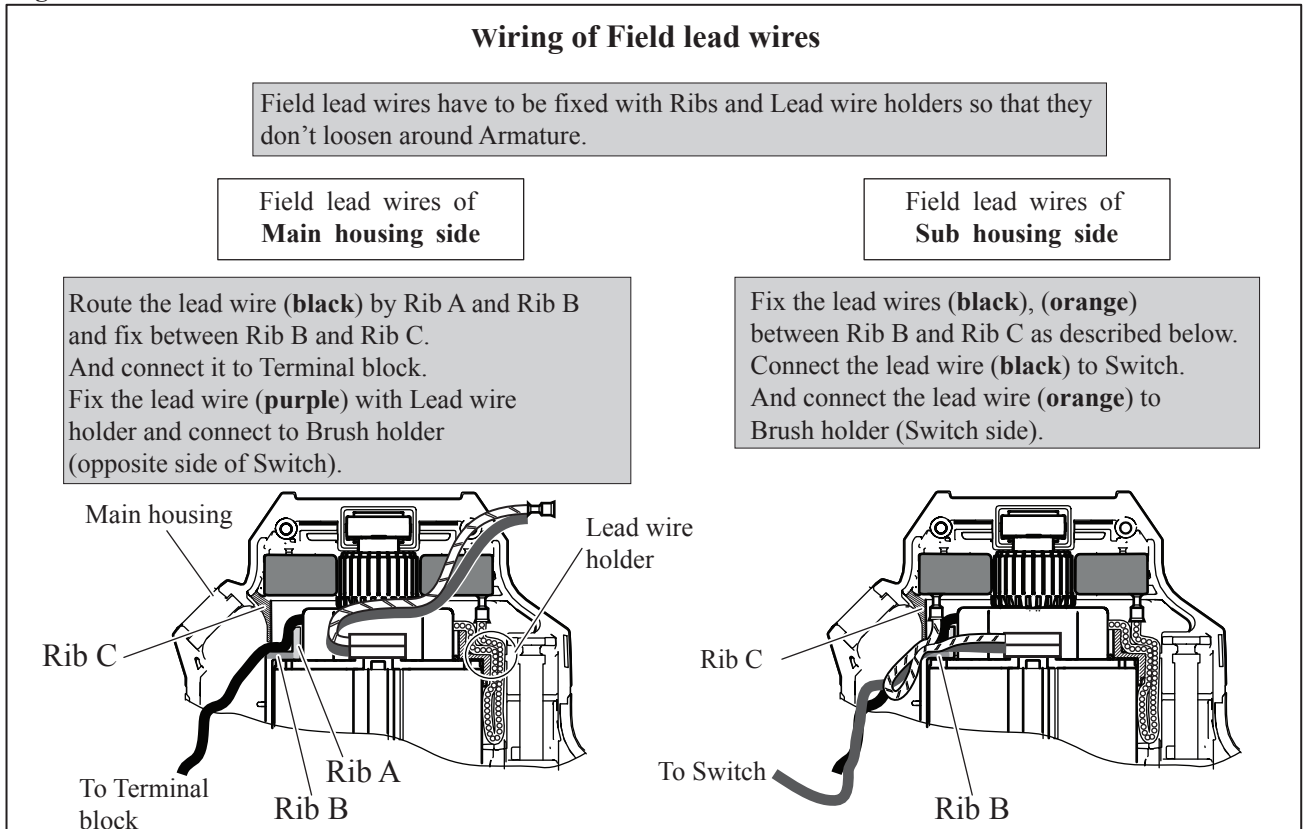
► **Circuit diagram**

Fig. D-1



► **Wiring diagram**

Fig. D-2



► **Wiring diagram**

Fig. D-3

