

# TECHNICAL INFORMATION



PRODUCT

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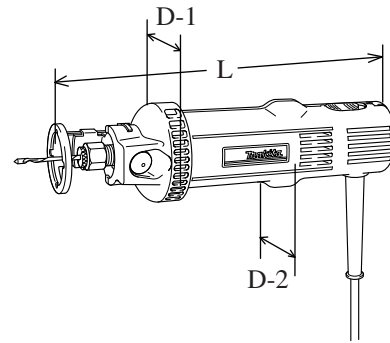
**Models No.** ▶ 3706

**Description** ▶ Cut out tool

## CONCEPTION AND MAIN APPLICATIONS

This machine is qualified for cutting drywall, especially for boring for wall sockets setting.

The easy and comfortable operation thanks to its slender body.



Dimensions : mm ( " )	
Length ( L )	250 (9-7/8)
Body diameter (D-1)	74 (2-15/16)
Body diameter (D-2)	58 (2-1/4)

## ► Specification

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output(W)
			Input	Output	
110	5.3	50/60	550	230	450
120	5.0	50/60	570	230	450
220	2.6	50/60	550	230	450
230	2.5	50/60	550	230	450
240	2.4	50/60	550	230	450

No load speed : (min -i= rpm)	32,000	
Collet capacity : mm ( " )	3.18 (1/8) 6.35 (1/4)	
Protection from electric shock	by double insulation	
Cord length : m (ft)	for North America	3.0 (10.0)
	for Australia	2.0 (6.6)
	for Europe	4.0 (13.1)
Net weight : kg (lbs)	1.1 (2.4)	

## ► Standard equipment

- \* Drywall guide bit 3E ..... 2 pcs.
- \* Adaptor 6.35 ..... 1 pc.
- \* Collet cone 6.35 ..... 1 pc.
- \* Collet nut ..... 1 pc.
- \* Spanner 17 ..... 1 pc.
- \* Wrench holder ..... 1 pc.

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

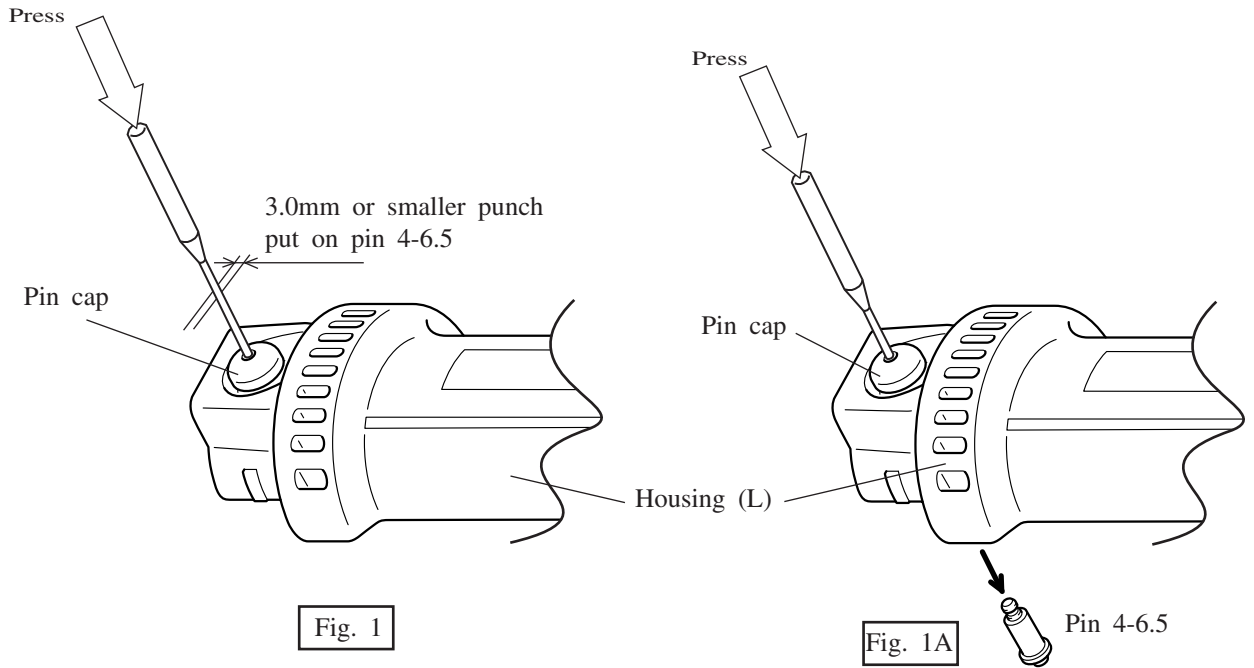
## ► Optional accessories

- \* Drywall guide bit 3E
- \* Circular guide
- \* Dust collecting cover

## ► Repair

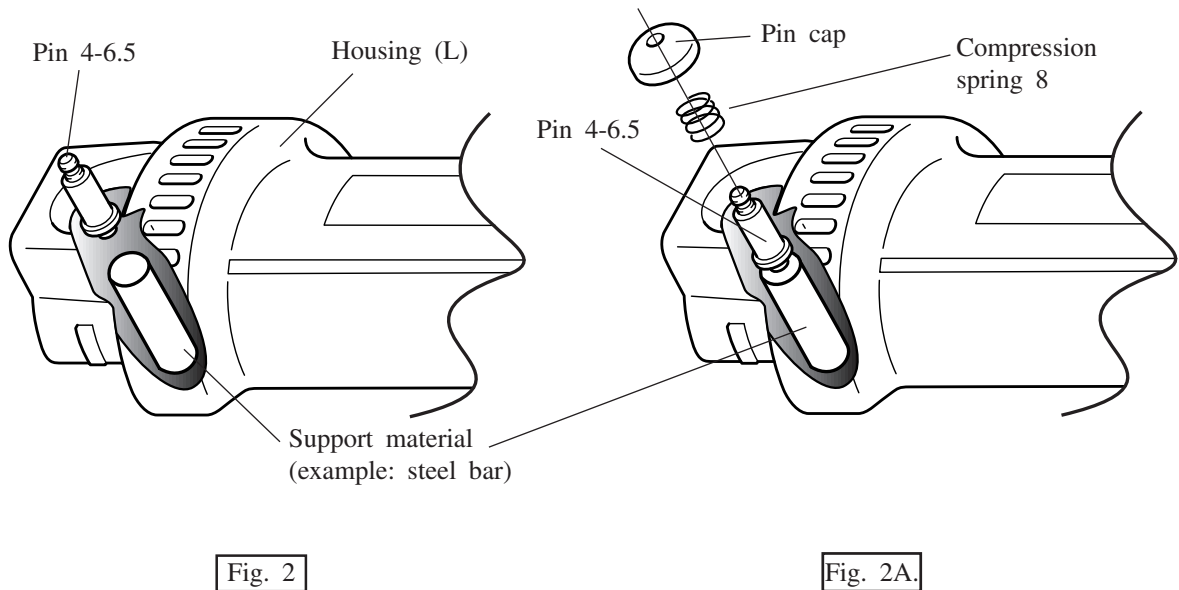
### <1> Disassembling shaft lock button

- 1) Place housing (L) with pin cap facing up. See Fig. 1.
- 2) Place 3.0mm or smaller punch on top of pin 4-6.5. See Fig. 1.
- 3) Press pin 4-6.5 out of pin cap. See Fig. 1A.






### <2> Assembling shaft lock button

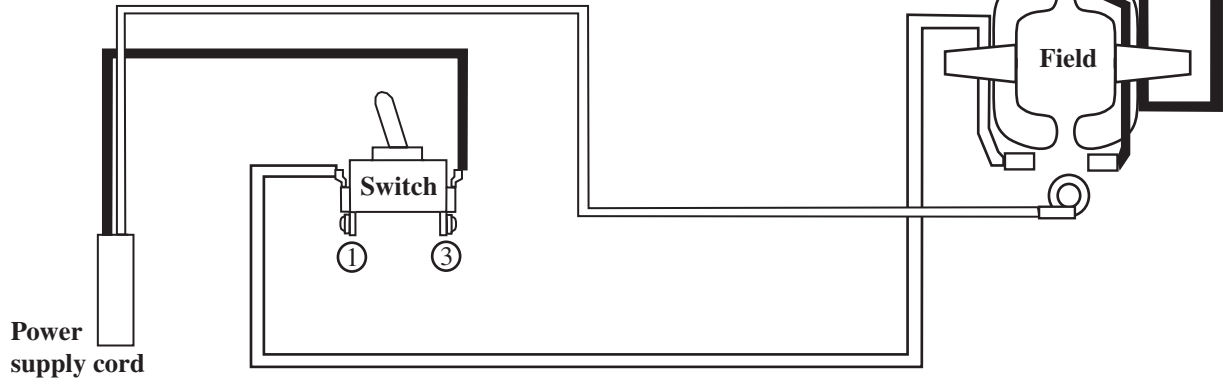
- 1) Place pin 4-6.5 into hole in housing (L). See Fig. 2.
- 2) Place housing (L) over support material (example: steel bar) to support pin 4-6.5 during final assembly. See Fig. 2.
- 3) Place compression spring 8 over pin 4-6.5. See Fig. 2A.
- 4) Place pin cap on top of pin 4-6.5 aligning hole in pin cap with pin 4-6.5. See Fig. 1A
- 5) Press pin cap until it snaps into position on the pin 4-6.5.



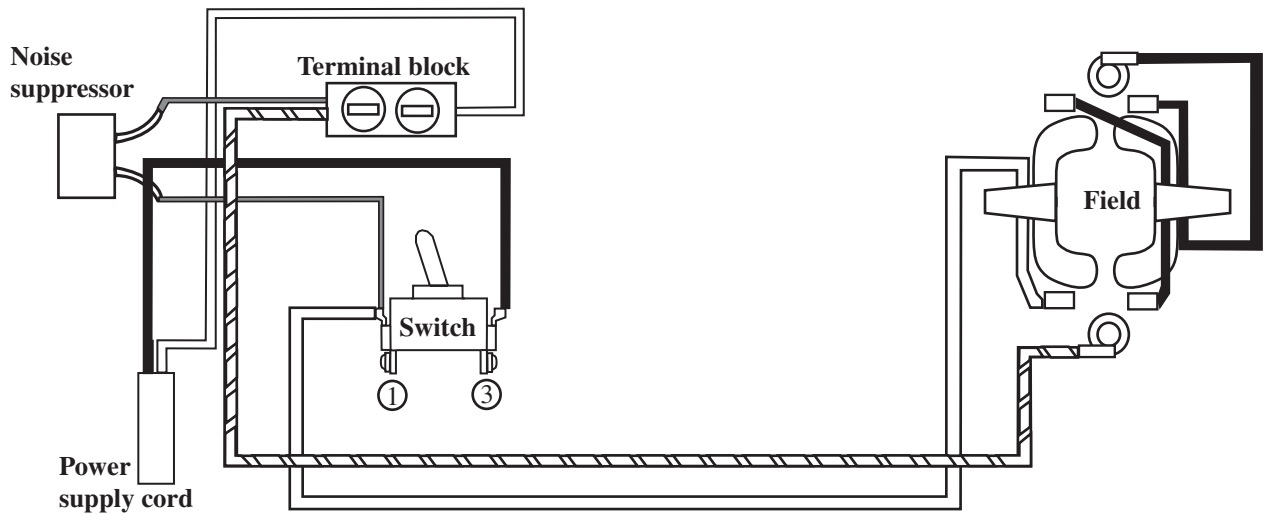
► **Circuit diagram**

Color index of lead wires	
Black	
White	
Orange	

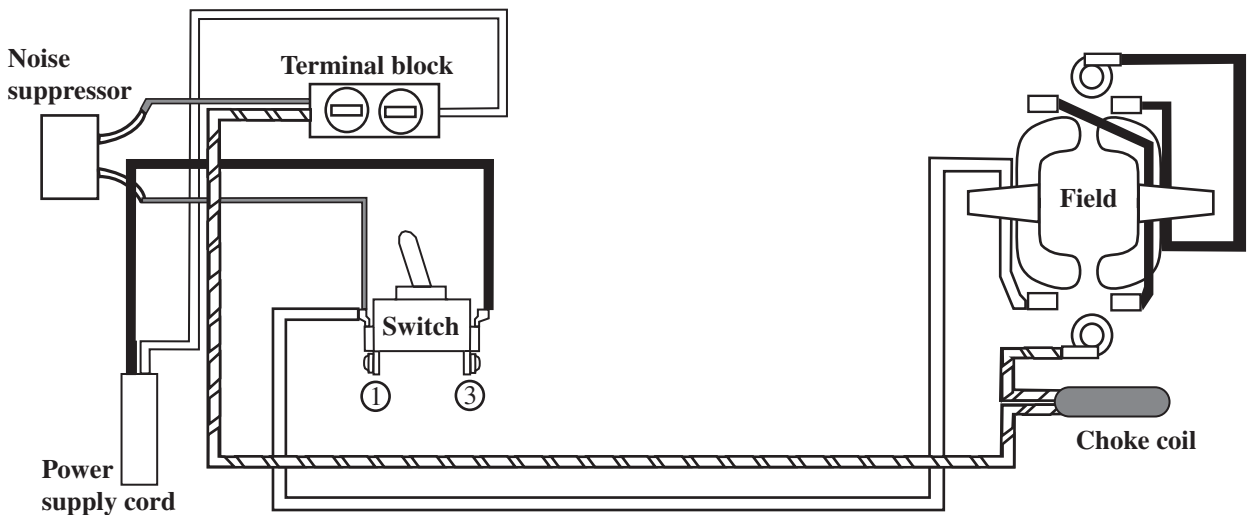
Without noise suppressor



With noise suppressor

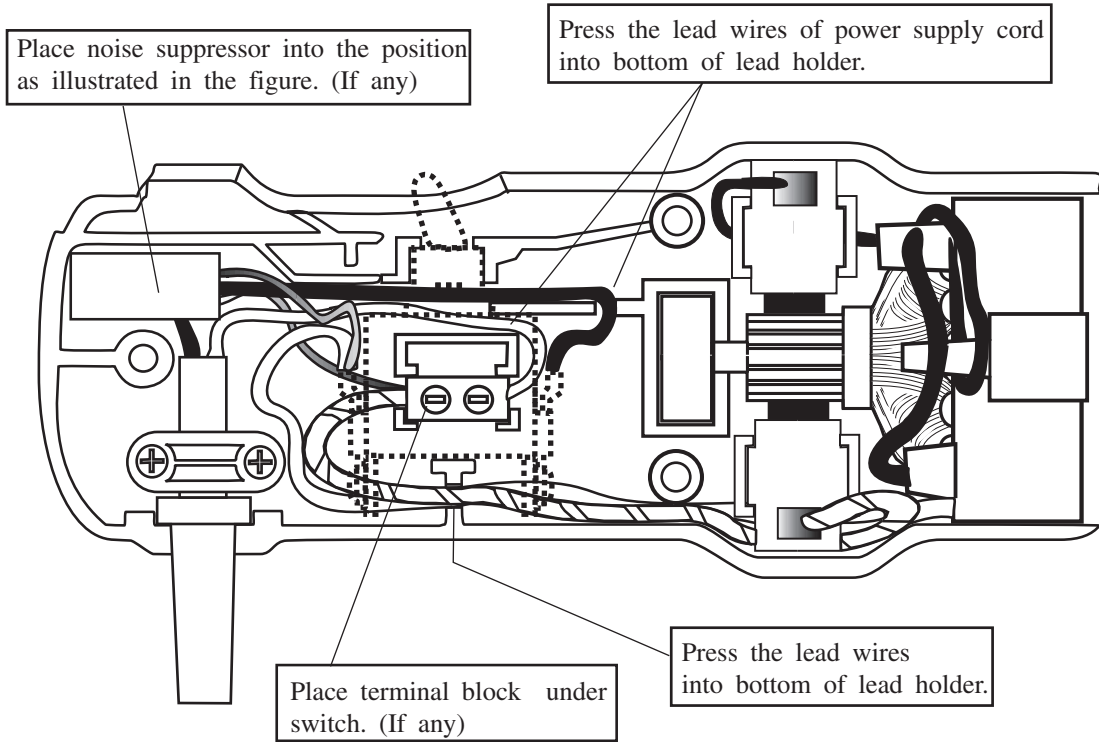


For the market where interference suppression is required.



► **Wiring diagram**

**Wiring under switch (Before placing switch)**



**Wiring after placing switch onto terminal block section**

