

Models No. ▶ 6826

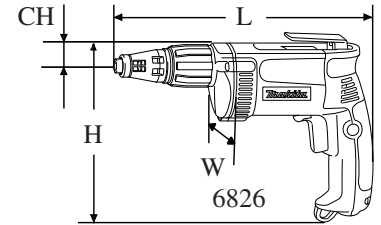
Description ▶ Screwdriver

CONCEPTION AND MAIN APPLICATIONS

The above model has been developed from Model 6823 for matured line-up of Makita Screwdrivers.

While they have the same powerful motor and the ergonomic designed body as Model 6823 ;

6826 features the locator for fast driving of self-drilling Tekes or Hex head screws.



► Specifications

Voltage (V)	Current (A)	Cycle (Hz)	Continuous Rating (W)		Max. Output(W)
			Input	Output	
120	6.5	50/60	(710)	340	590
220	2.7	50/60	570	260	570
230	2.6	50/60	570	260	570
240	2.5	50/60	570	260	570

Dimensions : mm (")	
Length (L)	282 (11-1/8)
Height (H)	218 (8-5/8)
Width (W)	70 (2-3/4)
Center height(CH)	22.0 (7/8)

No load speed (min-1=rpm)	0 - 2,500
Driving shank : mm (")	6.35 (1/4)
Max. driving capacity	Self drilling screw 6mm (#14) Hex screw 6mm (#14)
Fastening torque adjustment	No
Fastening depth adjustment	Yes
Reverse switch	Yes
Retractable belt clip	Yes
Soft-grip handle	Yes
Protection from electric shock	by double insulation
Cord length : m (ft)	2.5 (8.2) / 4.0m (13.1) for Europe
Weight : Kg (lbs)	1.5 (3.3)

► Standard equipment

Magnetic Socket Bit 5/16"- 65

Note : The standard equipment for the machine may differ from country to country.

► Optional accessories

- * Locator Completes ; 1/4", 5/16", 3/8", 7/16"
- * Locator 7/16"
- * Various magnetic socket bits
- * Various socket bits
- * Various philips bitbs

▶ Repair

< 1 > Lubrication

Apply MAKITA Grease N No.1 to the parts illustrated in Fig. 1.

1.0 g to the inside where spindle is rotating.

0.1 g to the lock ring installing portion.

3.0 g to inside where gear complete is assembled.

3.0g to the teeth portion.

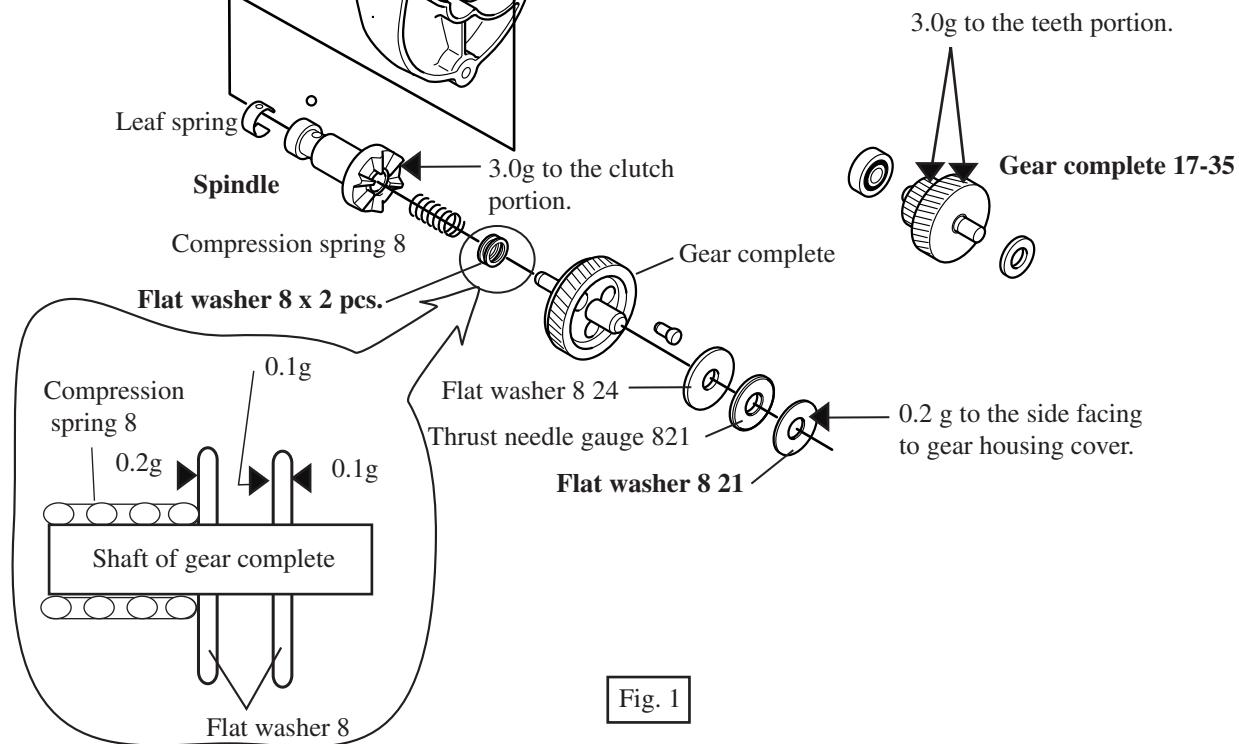


Fig. 1

< 2 > Assembling

(1) Assembling ring 20

Assemble ring 20 to spindle with facing its grooved side to spindle as illustrated in Fig. 2.

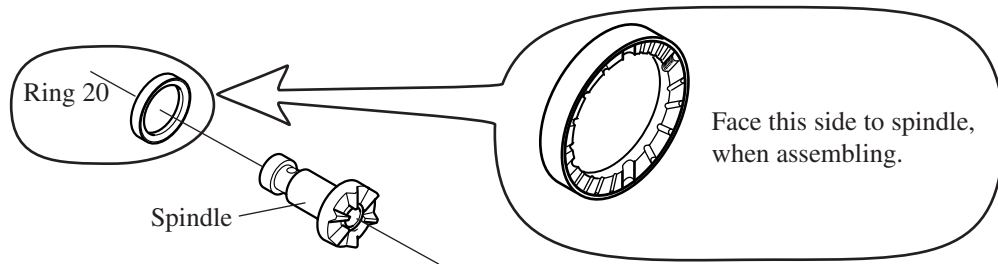


Fig. 2

(2) Assembling thrust needle gauge 821

Assemble thrust needle gauge 821 to gear complete with facing its thick plate to gear complete as illustrated in Fig. 3.

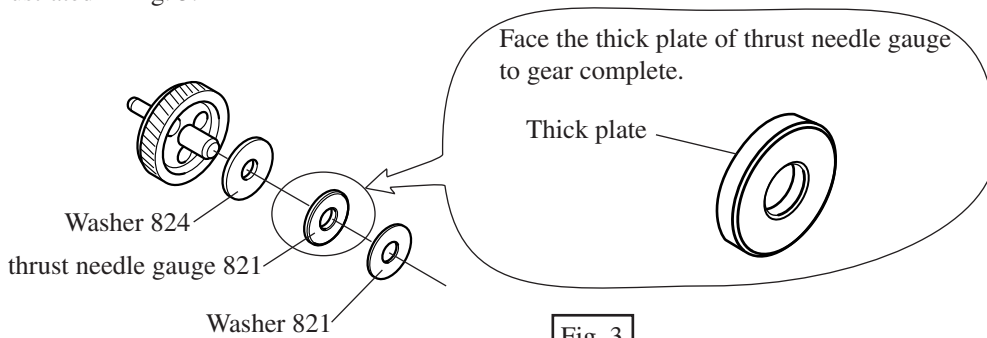


Fig. 3

(3) Assembling compression spring 8

Assemble compression spring 8 by pushing it into spindle with the gear complete's shaft of thrust needle gauge installing side as illustrated in Fig. 4.

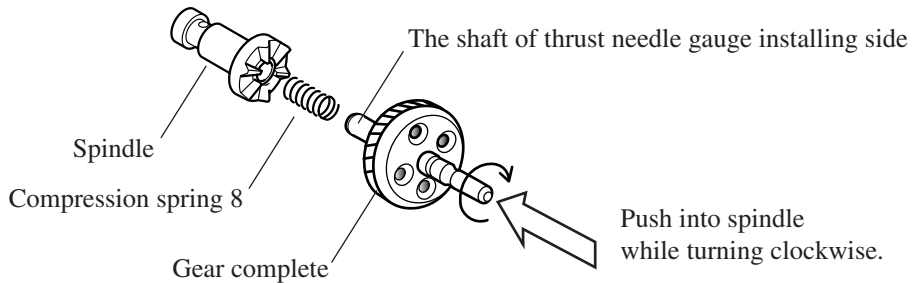


Fig. 4

The clutch section

Spindle

Compression spring 8

Flat washer 8 x 2 pcs.

Gear complete

Compression spring 8 and 2 pcs. of flat washers 8 have to be replaced with new ones, when replacing spindle.

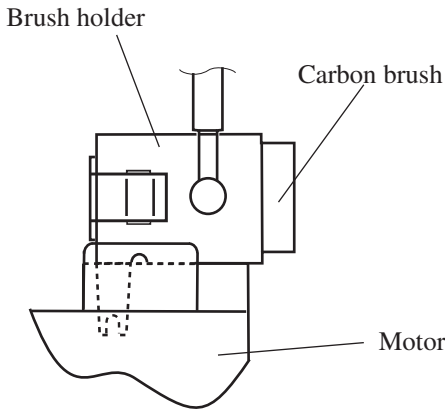
Check if spindle keeps still during no load operation. If the spindle would start to move, replace compression spring 8 (1 pc.), flat washer 8 (2 pcs.) as a set.

Fig. 4A

▶ Repair

- (4) When replacing carbon brush, be sure if brush holder is installed on motor housing properly.
And then install handle cover onto motor housing.
(see Fig. .5.)

< Properly installed carbon brush >



< Incompletely installed carbon brush >
Correct with your finger to install properly.

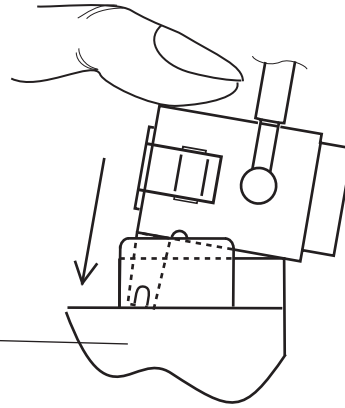
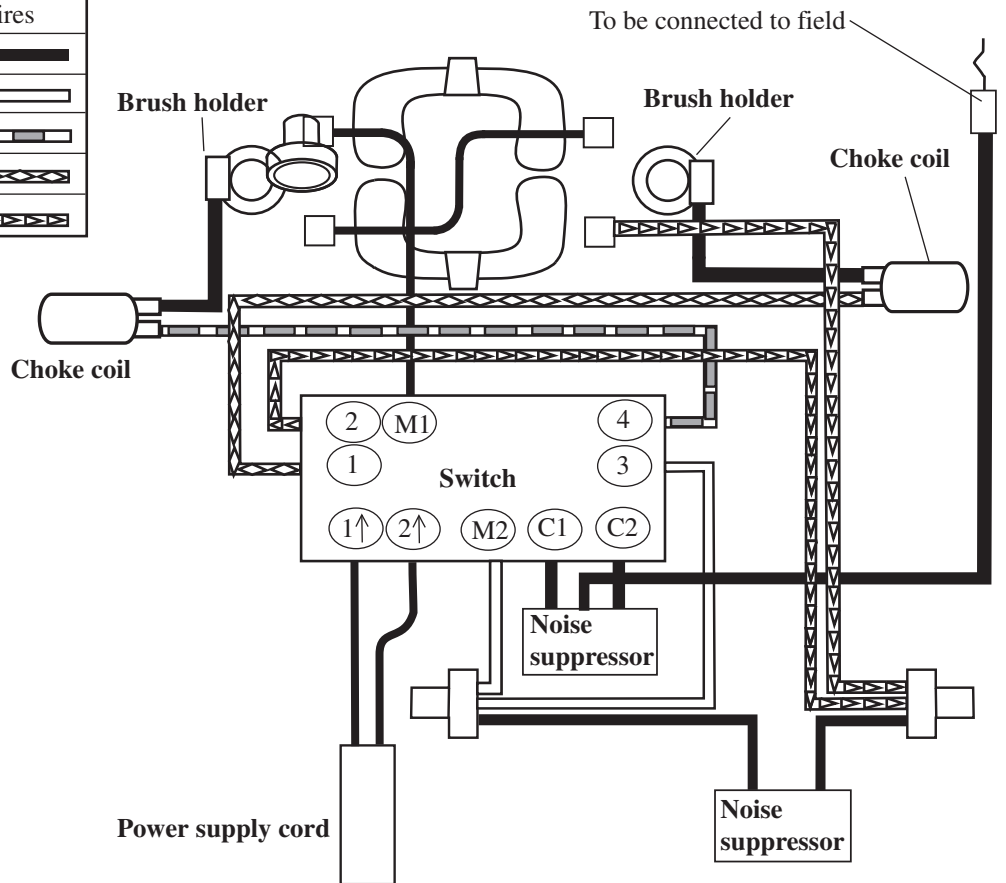


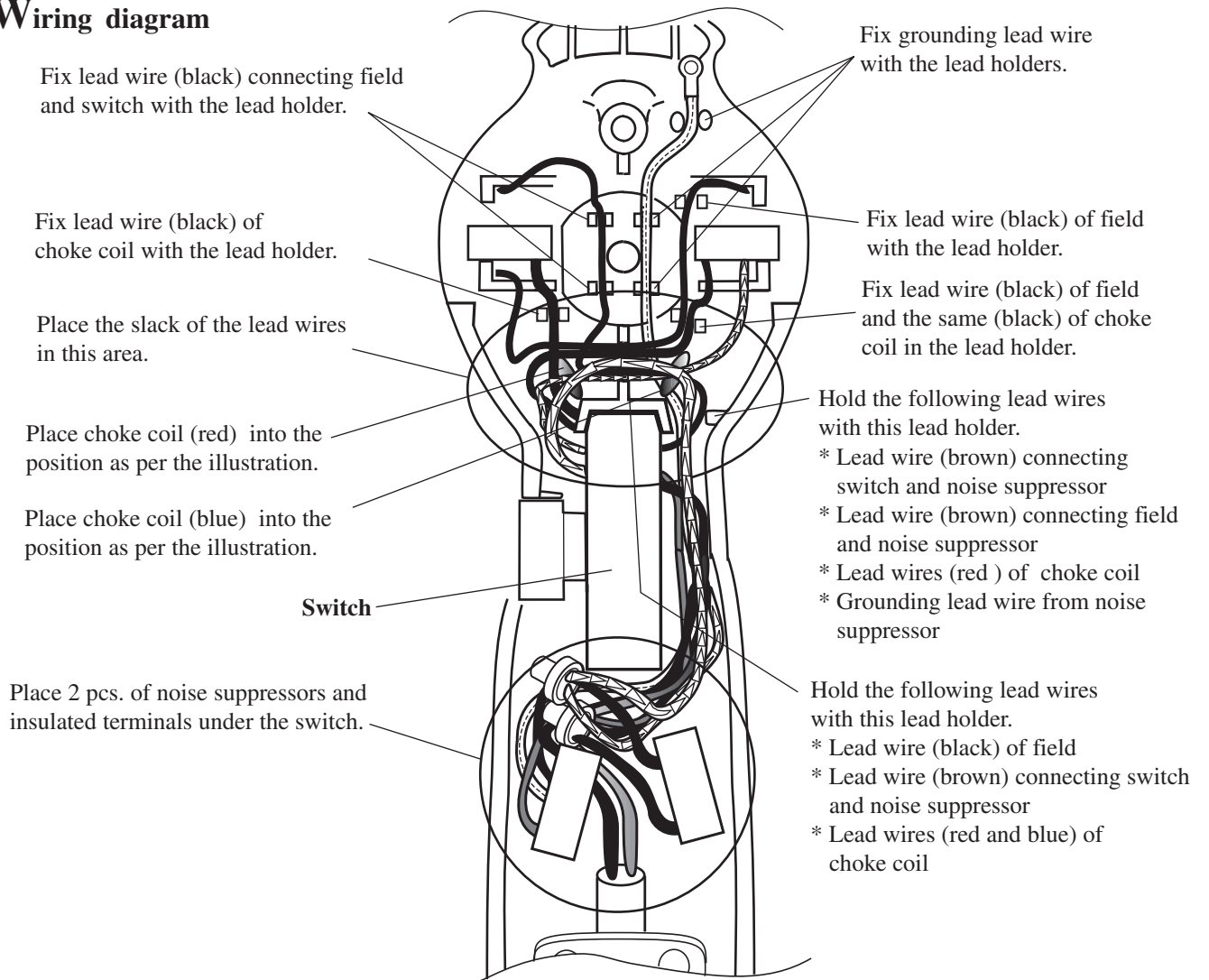
Fig. .5

► **Circuit diagram (for the market where noise suppressor is required.)**

Color index of lead wires	
Black	
White	
Red	
Blue	
Brown	

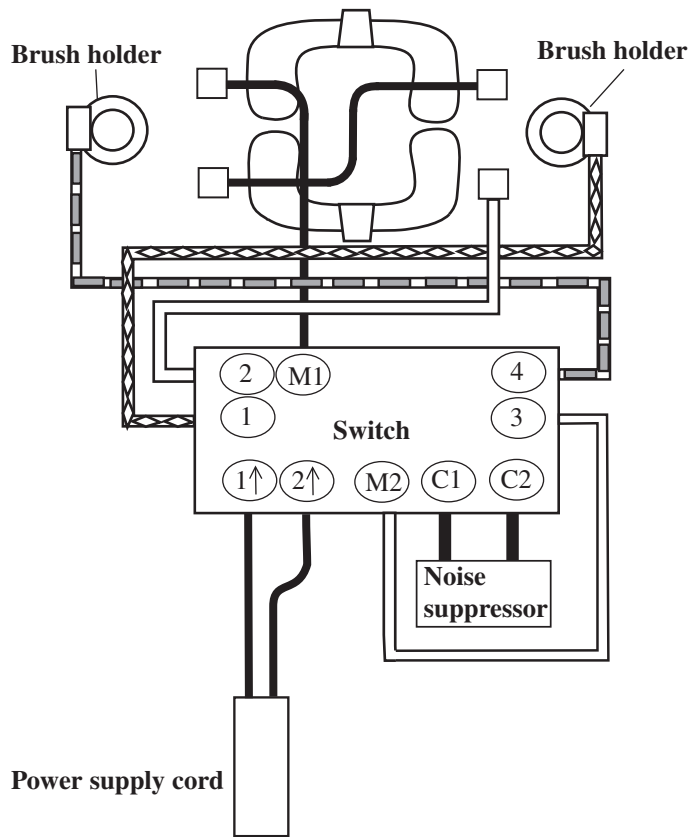


► **Wiring diagram**



▶ **Circuit diagram**

Color index of lead wires	
Black	
White	
Red	
Blue	



▶ **Wiring diagram**

Fix Lead wire (black) connecting field and switch with the lead holder.

Fix Lead wire (red) of brush holder with the lead holder.

Place the slack of the lead wires in this area.

Hold lead wire (black) of field with the lead holder.

Hold lead wire (black) of field and the same (blue) of brush holder in the lead holder.

Hold lead the following lead wires with this lead holder.

- * Lead wire (black) of field
- * Lead wire (white) connecting switch and field

Place noise suppressor as per the illustration, if any.

When setting lead wires, be careful not to pinch it in the rib of terminal block.

