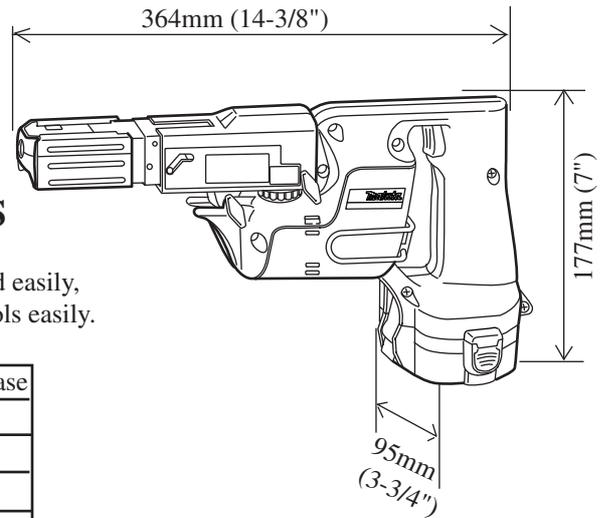


# T ECHNICAL INFORMATION



**Models No.** ▶ 6835D

**Description** ▶ Cordless Auto Feed Screwdriver



## CONCEPTION AND MAIN APPLICATIONS

This model is equipped with

- \* Push button type battery which can be attached and detached easily,
- \* Mod.6833's head part which can be changed without any tools easily.

The variations are as follows.

Model No.	Battery	Charger	Plastic carrying case
6835DA	1222 1pc.	No	No
6835DWA	1222 1pc.	DC1411	Yes
6835DWAE	1222 2 pcs.	DC1411	Yes
6835DWB	1233 1 pc.	DC1411	Yes

## ▶ Specifications

Motor	Magnet DC motor RS-775V-909
Rated Voltage	DC 12 V
Battery	NiCd 12 V / 2.0 Ah, NiMH 12 V / 2.2 Ah
No load speed (rpm)	2,000
Driver bit	Hex 6.35mm (1/4") Length 132mm (5-3/16")
Capacity	Screw strip 4mm(5/32") x 25mm(1") - 41mm(1-5/8")
Net weight (inc. battery)	2.0 Kg. (4.4 lbs)

## ▶ Standard equipment

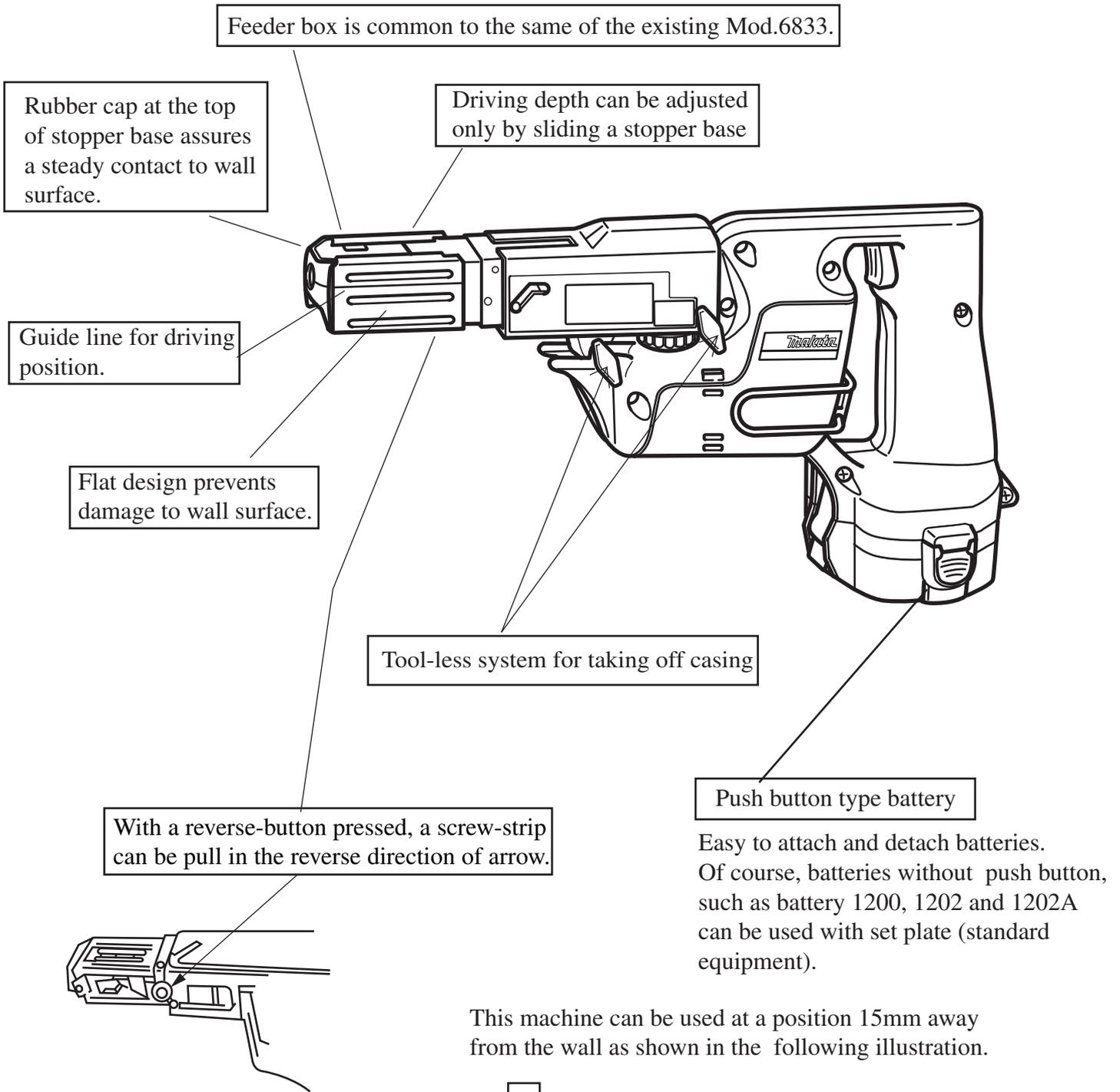
- Philips bit 3-132 ..... 3 pcs.
- Hook ..... 1 pc.
- Battery cover ..... 1 pc. ( 2 pcs. for Mod.6835DWAE)
- Set plate ..... 1 pc.

The standard equipment for this model shown may be different from country to country.

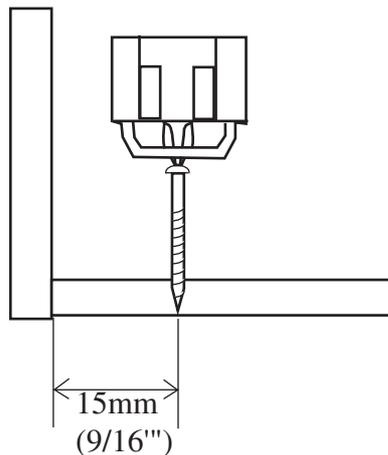
## ▶ Optional accessories

- Philips bit 3-132 ( 5 pcs. per pack.)
- Battery 1222, 1233
- Charger DC1411
- Fast charger DC1439

# 6835D



This machine can be used at a position 15mm away from the wall as shown in the following illustration.



## ► Comparison of products

Manufacturer		MAKITA	MAKITA
Model No.		6835D	6831D
Rated voltage		DC 12V	DC 12V
No load speed (rpm)		2,000	2,000
Screw	Size	4.0(5/32") x 25(1") 4.0(5/32") x 28(1") 4.0(5/32") x 32(1") 4.0(5/32") x 40(1")	4.0(5/32") x 25(1") 4.0(5/32") x 28(1") 4.0(5/32") x 32(1") 4.0(5/32") x 40(1")
	Q'ty on one strip	50 pcs.	50 pcs.
Adjustment of driving depth		Tool-less (Stopper base adjustment)	Tool-less (Stopper base adjustment)
Silent clutch		Yes	Yes
Hook		Attachable on left & right side	Attachable on left & right side
Dimension (L x W x H)		364mm x 95mm x 177mm (14-3/8") (3-3/4") (7")	340mm x 79mm x 177mm (13-3/8") (3-1/8") (7")
Net weight (inc. battery)		2.0 Kg. (4.4 lbs)	2.1 Kg. (4.5 lbs)

## Capacity with one full charged battery

Screw size	Thickness of drywall	Underlying material	6835D	6831D
4.0(5/32") x 40(1-9/16")	18mm(11/16")	Plywood	Approx.380 pcs.	Approx.380 pcs.
4.0(5/32") x 25(1")	12.5mm(1/2")	Steel t = 0.5mm(4/16")	Approx.700 pcs.	Approx.700 pcs.

## Working speed

Screw size	Thickness of drywall	Underlying material	6835D	6831D
4.0(5/32") x 40(1-9/16")	18mm(11/16")	Plywood	0.77 sec./ pc.	0.77 sec./ pc.
4.0(5/32") x 25(1")	12.5mm(1/2")	Steel t = 0.5mm(4/16")	0.47 sec./ pc.	0.47 sec./ pc.

## ► Repair

### < 1 > Assembling clutch section

- (1) Assemble spindle to pin on which compression spring 5 is installed. Press the pin into spindle and make sure that compression spring 5 has been inserted in spindle. (see Fig.1.)

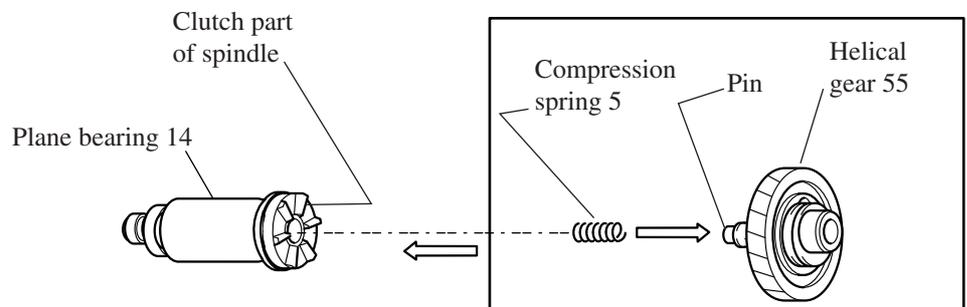
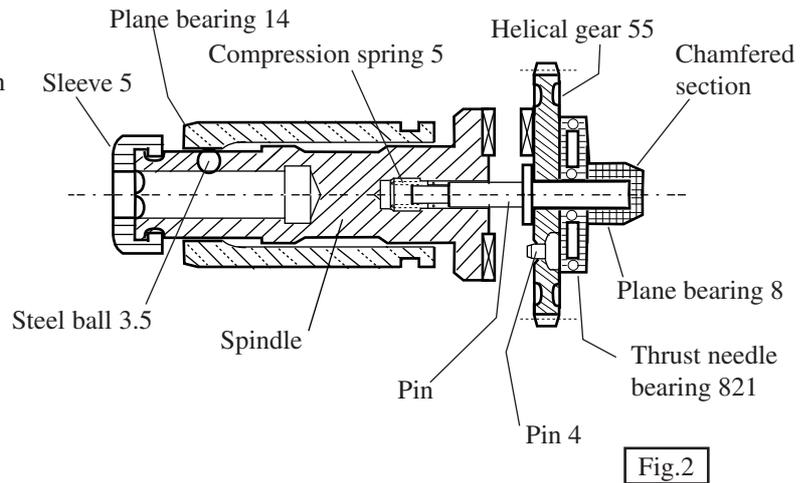


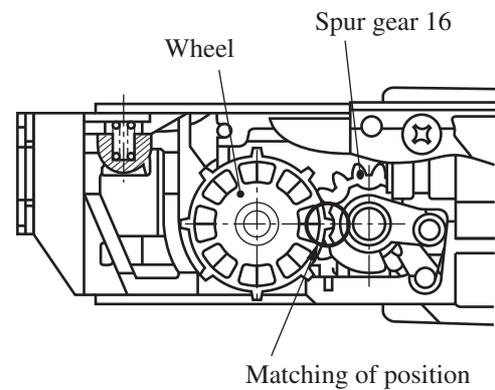
Fig.1

- (2) After proceeding to assemble as per Fig.2, assemble them into housing.  
 Note : Pay attention to the setting direction of plane bearing 8. Chamfered part of plane bearing 8 has to be faced to back side.



< 2 > Note for assembling feeder

- (1) Do not apply any grease, lubrication oil or anticorrosive oil to rotating and sliding parts. Otherwise the intruding dust can stick to such oil, and it may be cause of the trouble on the feeder.
- (2) When attaching wheel and spur gear 16, engage wheel nail with arc part of spur gear 16, and then, install them into feeder box. (see Fig.3) After installation, check whether they rotate, by pressing the center of wheel with a finger.



## Lubrication

Apply MAKITA grease No.1 to the following parts.

- ① Outer surface of spindle
- ② Inner surface of spindle
- ③ Clutch section of spur gear 16 (approx. 8.0 g)
- ④ Hole for setting pin 4
- ⑤ Gear tooth of spur gear 16
- ⑥ Gear tooth of pinion gear (approx. 1.0 g)

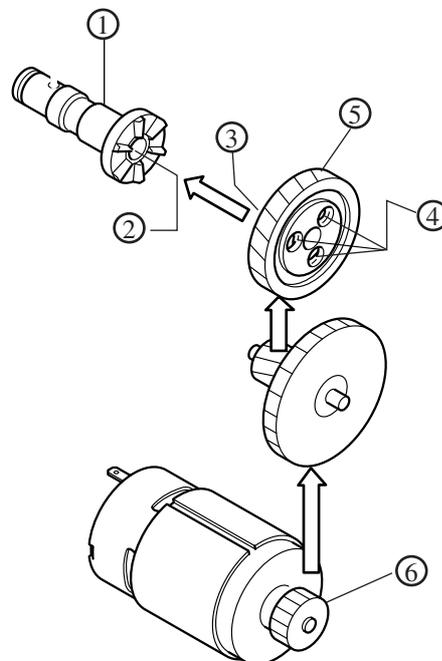


Fig.4

► **Circuit diagram**

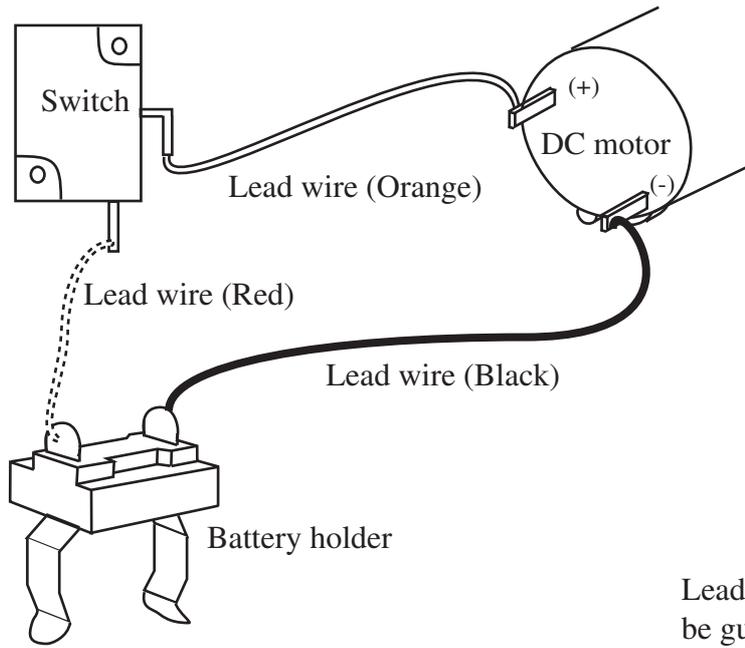


Fig.5

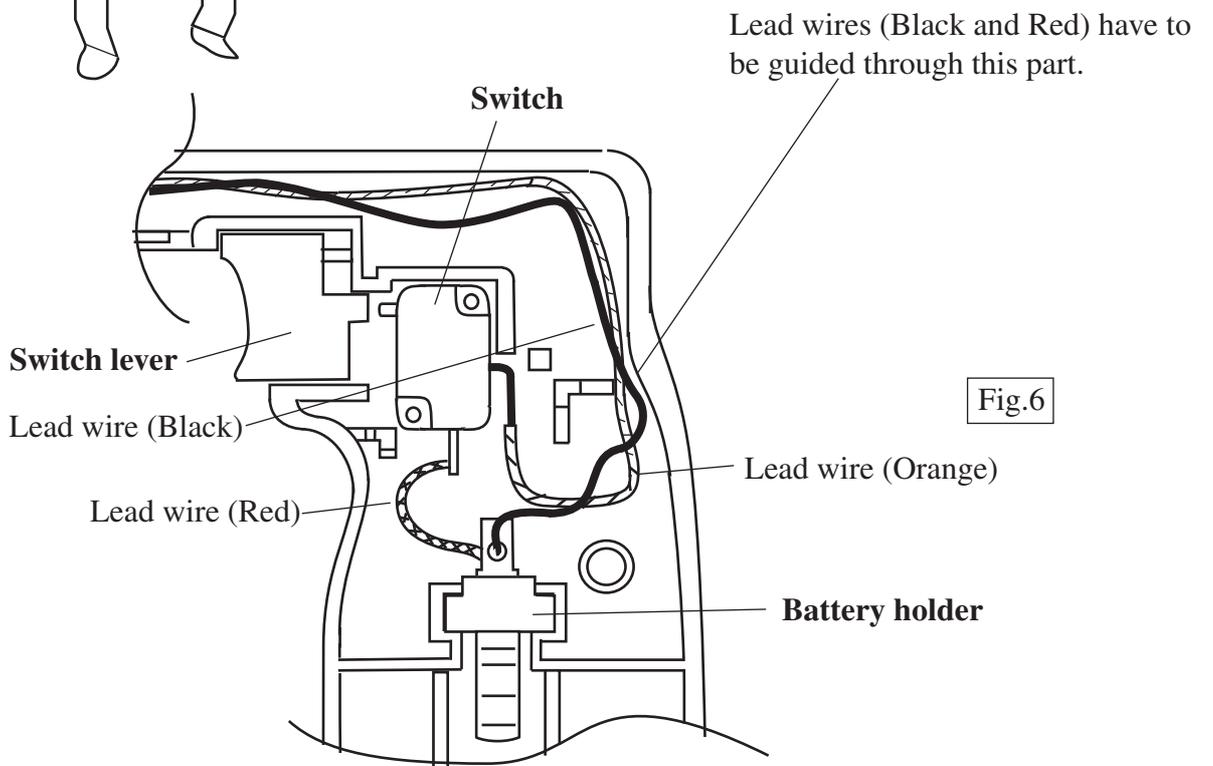


Fig.6

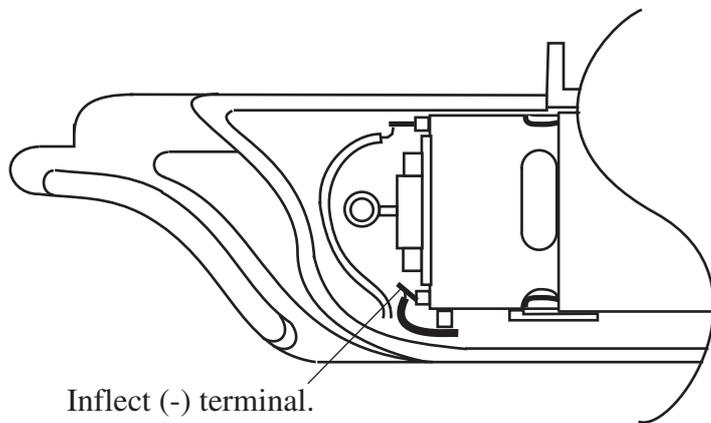


Fig.7