

TECHNICAL INFORMATION



NEW TOOL

P 1 / 5

Models No. ▶ 4332D,

Description ▶ Cordless Jig Saw

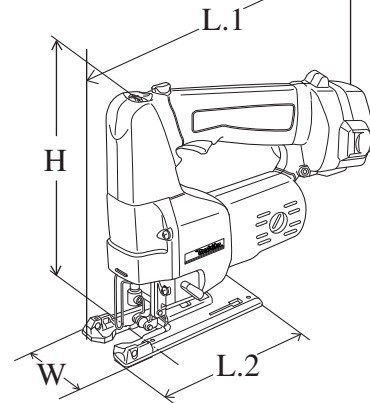
CONCEPTION AND MAIN APPLICATIONS

The above model has been developed as a series of the top-handle type of cordless jig saw, and the single speed version of Model 4333D.

This model comes with a charger DC1411 and a Ni-Cd battery 1422 as Model 4332DWA.

The charging time is approx. 60 minutes.

However, please note, the above time may change depending on the conditions of battery and charger, and room temperature.



Dimensions : mm (")	
Width (W)	70 (2-3/4)
Height (H)	217 (8-1/2)
Length (L.1)	280 (11)
Length (L.2)	153 (6)

► Specification

Strokes per min.: (min -1= spm)	2,600	
Length of stroke : mm (")	26 (1)	
Max. cutting capacities	in wood: mm (")	*65 (2-9/16)
	in mild steel: mm (")	10 (3/8)
	in aluminum: mm (")	20 (13/16)
Net weight (with battery)	2.9 Kg (6.4 lbs)	

*65 (2-9/16) : Use with optional blade (B-16L) allows cutting of up to 135mm thickness.

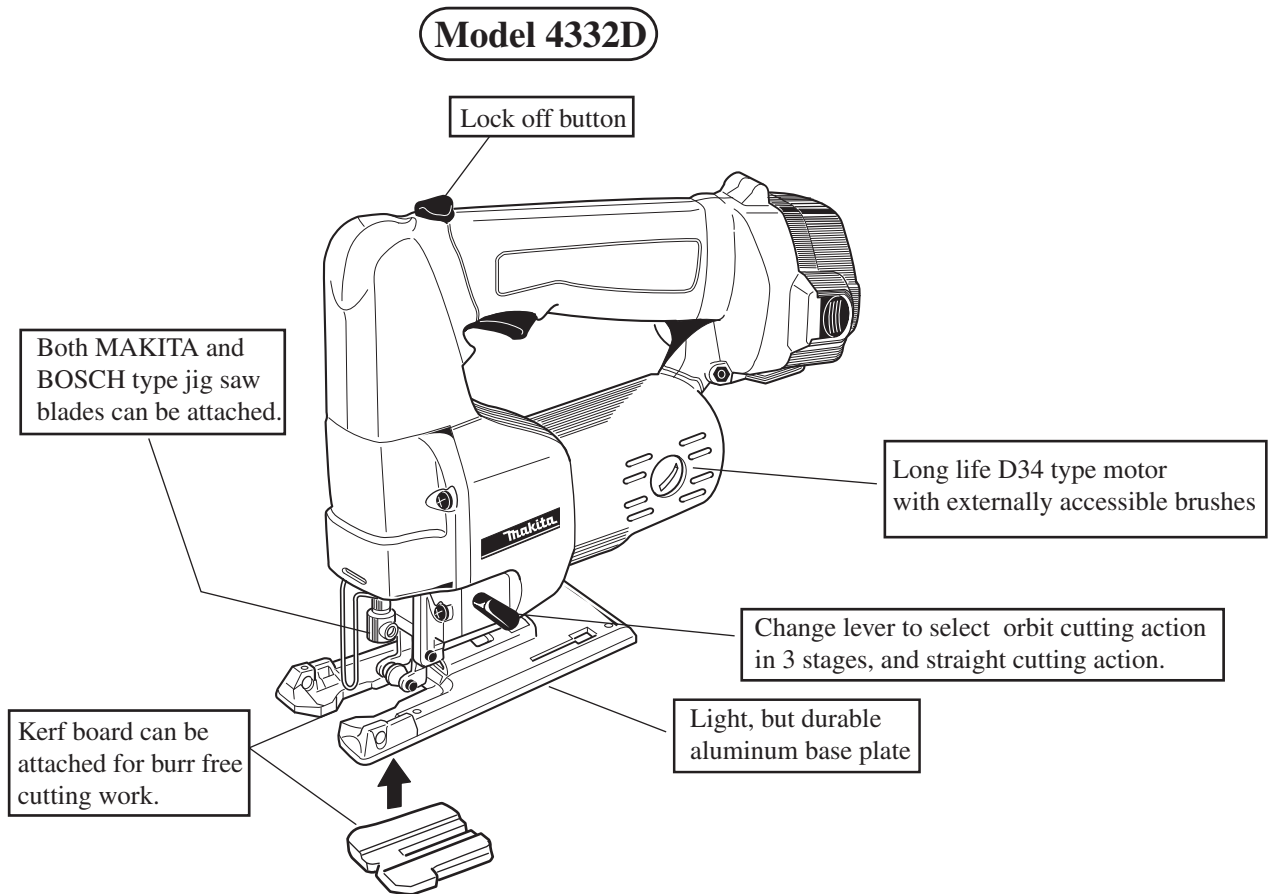
► Standard equipment

- *Jig saw blade set1 set (including Jig saw blade No.B-10 : 2 pcs., BR-13 : 2 pcs., and B-22 : 2 pcs.)
- *Hex wrench 3 1 pc.
- *Kerf board 1 pc.
- *Plastic carrying case 1 pc.

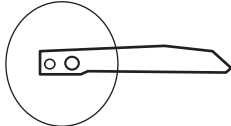
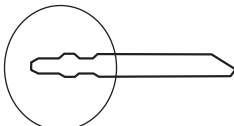
< Note > The standard equipment for the tool shown may differ from country to country.

► Optional accessories

- * Jig saw blades of MAKITA type : No. 1 - 5, No.8 - 10, No.16, No.17, No.41, No.42, No.BR-3
- * Jig saw blades of B type : No.51, No.58, 59, B-10 - B19, B-21 - B-27, B16L, BR-13
- * Battery 1200, 1202, 1201A, 1220, 1222, 1234, 1235 (for 4331D)
- * Battery 1420, 1422, 1433, 1434, 1435 (for 4332D and 4333D)
- * Rip fence
- * Vacuum head
- * Circular guide
- * Battery cover
- * Protector
- * Charger DC1411
- * Plastic base plate
- * Fast charger DC1422
- * Kerf board set
- * Fast charger DC1439
- * Hose set



► Comparison of products

Manufacturer		MAKITA	
Model No.		4332D	4333D
Battery	Voltage (V)	14.4	14.4
	Capacity (Ah)	2.0	2.0 / 2.6
Equipped motor		D34-30	D34-30
Strokes per min.: (min -1= spm)		2,600	500 - 2,600
Length of stroke : mm		26	26
Max. cutting capacities	in wood: mm	* 135	* 135
	in mild steel: mm	10	10
Orbital action		3-stage + straight	3-stage + straight
Net weight :Kg (lbs)		2.9 (6.4)	2.9 (6.4)
Blade type		Both MAKITA and BOSCH type can be attached. MAKITA Type blade	BOSCH Type blade
			

* 135 : Use with optional blade (B-16L) allows cutting of up to 135mm thickness.
Use of the blade of the standard equipments allows cutting of up to 65mm thickness.

< 1 > Disassembly and assembly of mechanical parts

Disassemble the gear housing cover from the main tool-body by removing the four tapping screws 4x18.

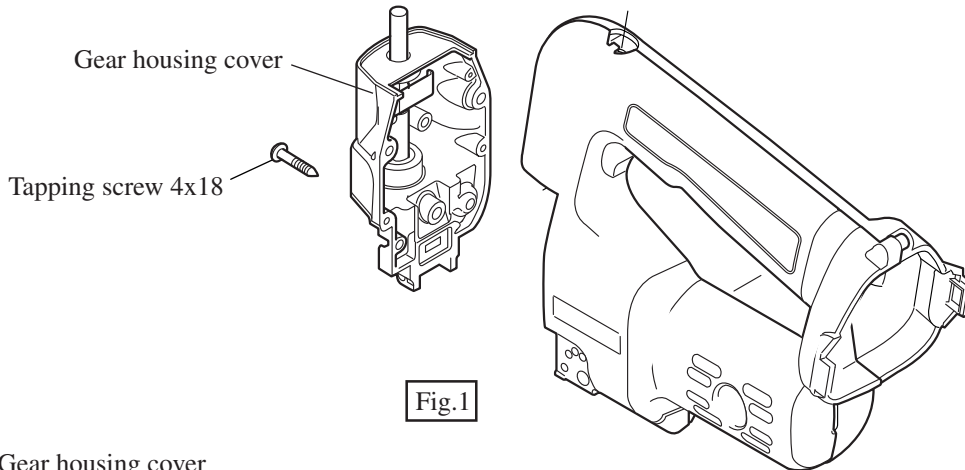


Fig.1

1) Gear housing cover

1. Remove thrust plate from slider. (See Fig.2-1.) And then, remove slider by unscrewing countersunk hd.screw M4x10 with a straight T20 torx bit. (See Fig.2-2.) So, rod can be removed from gear housing cover. (See Fig.2-3.)

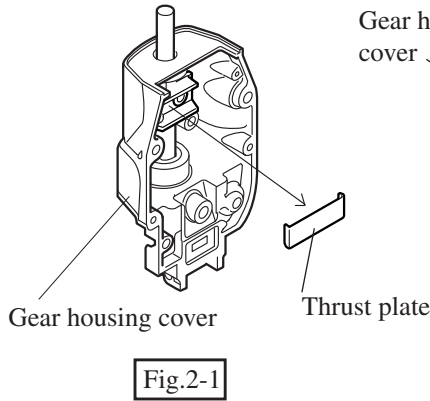


Fig.2-1

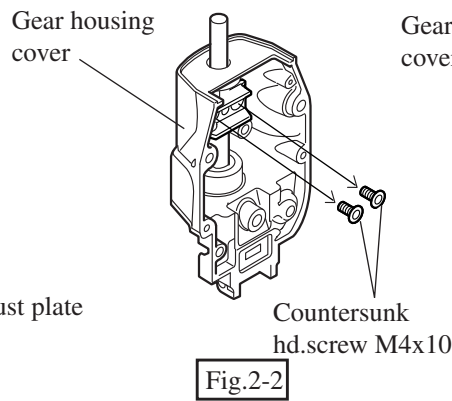


Fig.2-2

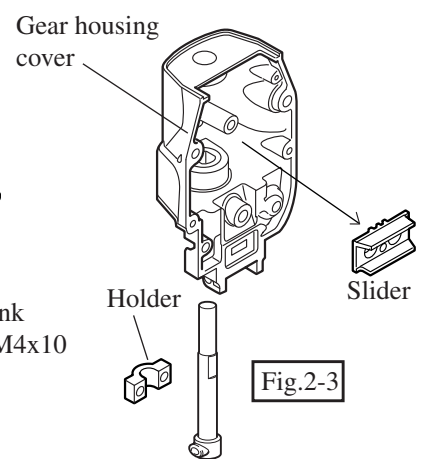


Fig.2-3

2. Attach holder under flat section of rod. See fig. 3.
3. Attach slider to rod, making sure that the flat surface on the slider matches the flat surface on rod. See Fig. 3.
4. Tighten countersunk hd.screw M4x10 used to hold the slider. See fig. 3.
5. Set thrust plate on slider with the folded ends toward the inside of the gear housing cover. See fig. 3.

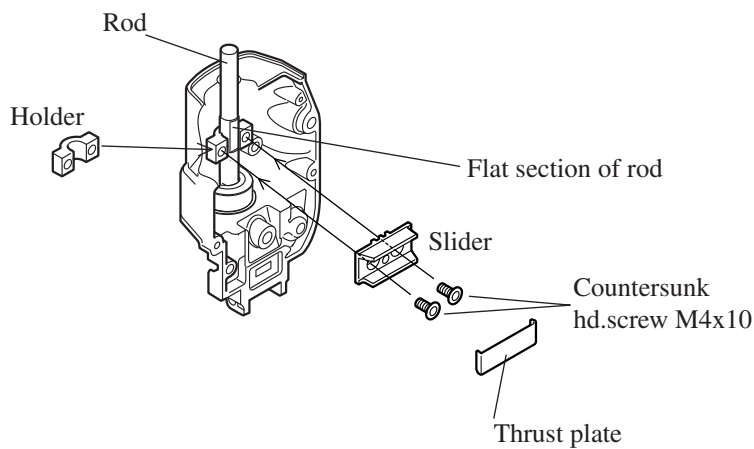


Fig.3

< 2 > Assembly of the parts in housing set

1) Balance plates are not symmetric. Assemble the balance plate as shown in Fig.4.

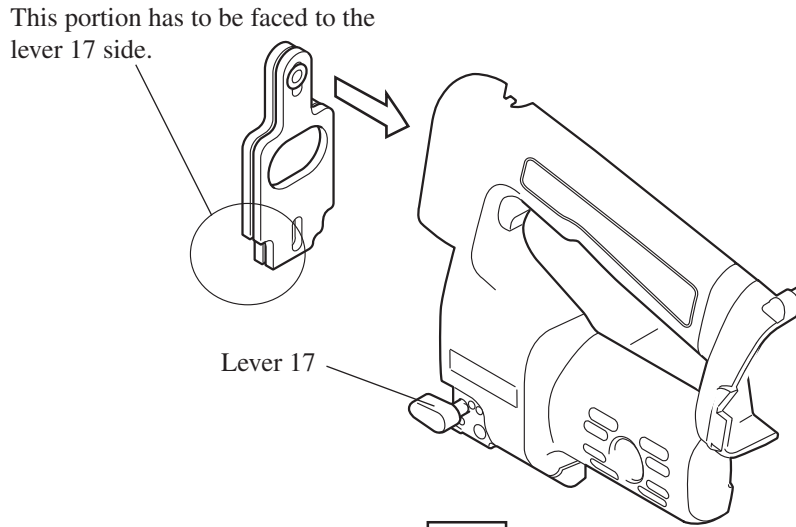


Fig. 4

2) Tighten countersunk hd.screw M4x10 with a straight T20 torx bit for mounting pin 8. Note the alignment of pin 8. The hole in the center of pin 8 must be positioned in the same direction as the tabs on motor bracket as shown in Fig. 5.

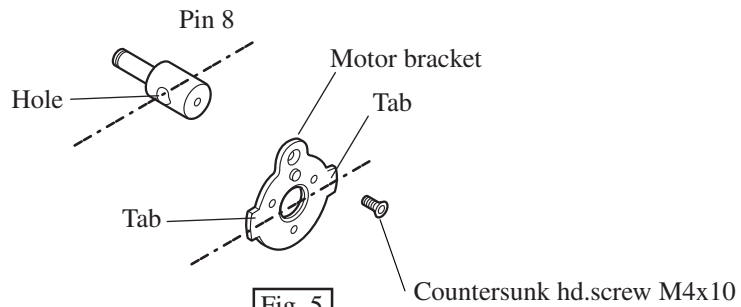


Fig. 5

3) Assemble the internal parts as shown in Fig.6, and joint crank complete and helical gear 58 by tightening hex socket hd.bolt M4x16

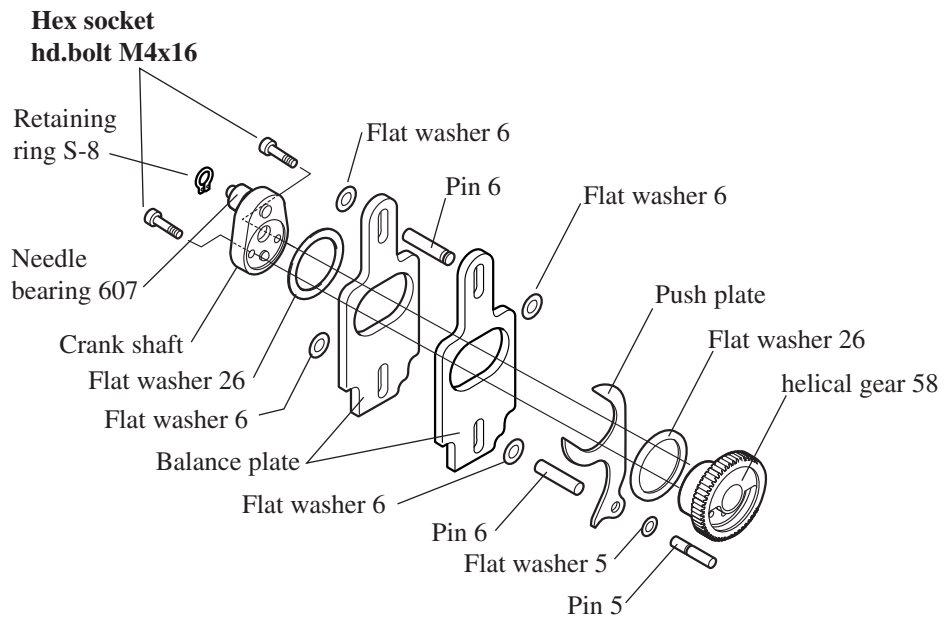


Fig. 6

► Repair

4) Attach gear housing cover to housing set so that needle bearing 607 is aligned with the slot portion of slider.

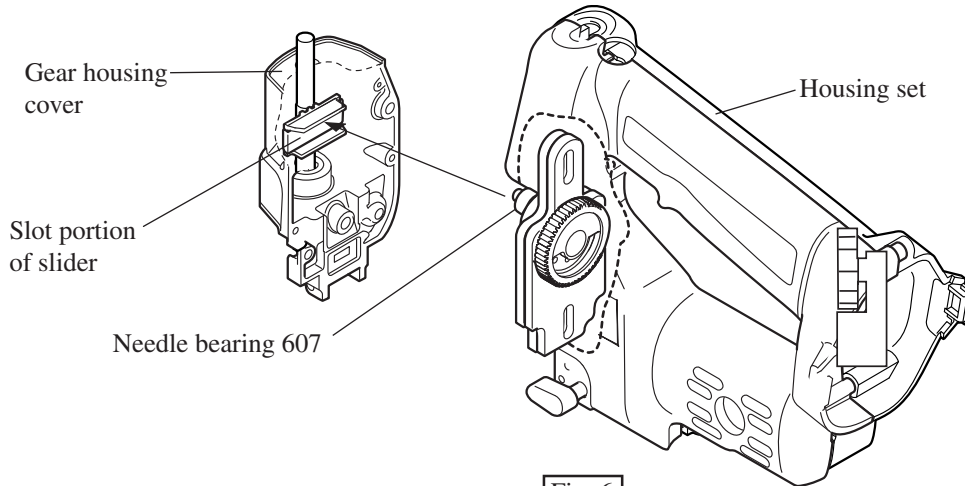


Fig. 6

► Circuit diagram

(Model 4331D and 4333D)

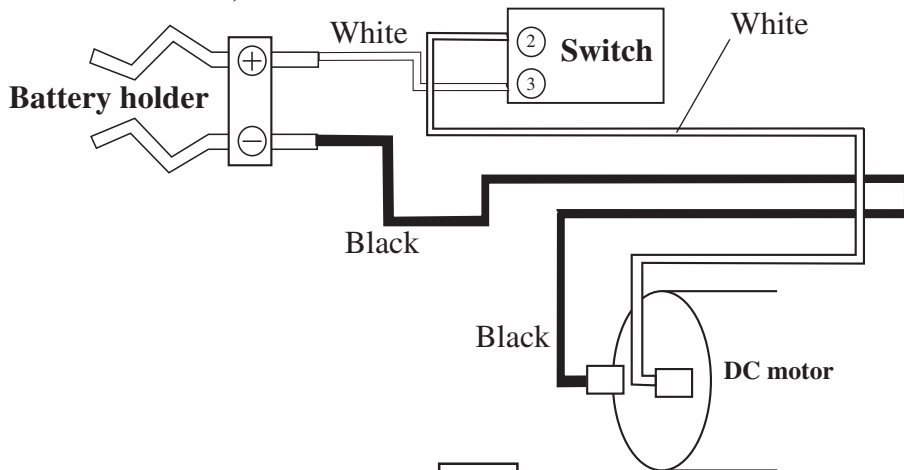


Fig. 7

► Wiring diagram

