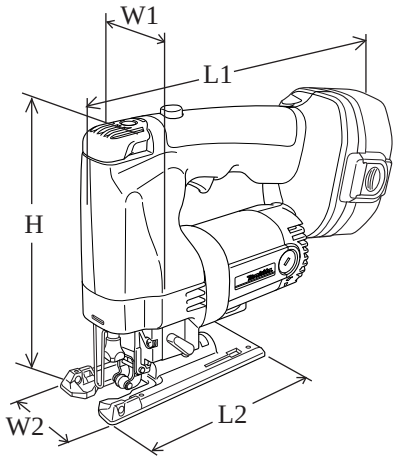
TECHNICAL INFORMATION

Models No. ► 4334D

Description ► 18 V Cordless Jig Saw



Dimensions : mm (")	
Width (W1)	96 (4)
Width (W2)	70 (2-3/4)
Height (H)	214 (8-3/4)
Length (L1)	281 (11)
Length (L2)	153 (6)

CONCEPTION AND MAIN APPLICATIONS

This model is the highest class model of 4330D series.
Its brief features and benefits are as follows.

* No tools are required for changing jig saw blades and adjusting bevel angle
* Your choice of straight and 3 different orbital cutting actions
* Dial for speed pre-selection

The variations of this model are listed bellow.

Model No.	Batteries			Charger
	Type	Cell	Quantity	
4334DWA	1822	Ni-Cd	1 pc.	DC1801
4334DWAE	1822	Ni-Cd	2 pcs.	DC1801
4334DWD	1834	Ni-MH	1 pc.	DC1801
4334DWDE	1834	Ni-MH	2 pcs.	DC1801

► Specification

Strokes per min.: (min $^{-1}$= spm)		500 - 2,800
Length of stroke : mm (")		26 (1)
Max.cutting capacities	in wood: mm (")	135 (5-5/16)
	in mild steel: mm (")	10 (3/8)
	in aluminum: mm (")	20 (13/16)
Lock off switch		Yes
Net weight :Kg (lbs)		3.4 (7.5)

► Standard equipment

* Jig saw blade set (including B-10 : 2 pcs. / BR-13 : 2 pcs. / B-22 : 2 pcs.) ..... 1 set
* Anti-splitering device ..... 1 pc.
* Plastic base plate ..... 1 pc.
* Protector ..... 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 blade B-22 (5 pcs. p. pack)
* Jig saw blade BR-13 (5 pcs. p. pack)
* Jig saw blade B-10 (5 pcs.. p.pack)
* Guide rule set
* Circular guide set
* Protector
* Plastic base plate
* Vacuum head
* Hose
* Anti-splitering device
* Battery 1833 (Ni-MH 2.2Ah)
* Battery 1834 (Ni-MH 2.6Ah)
* Battery 1835 (Ni-MH 3.0 Ah)
* Battery cover

Repair

< 1 > Assembling base section

Assemble base plate to gear housing as illustrated in Fig. 1.
Fasten hex nut flange M5 so that fastened lever 65 comes to the position illustrated in Fig. 1A.
And then, fix the flange portion of hex flange nut M5 with pan head screw M4x8.

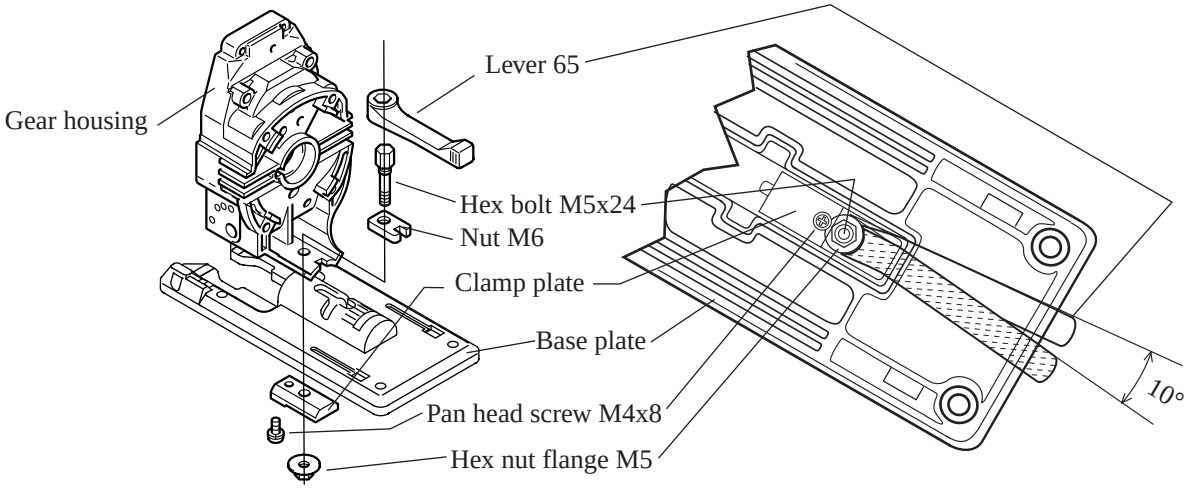


Fig. 1

Fig.1A

View from the bottom of base plate

< 2 > Assembling and disassembling blade fix

(1) Disassembling blade fix

Turn lever 51 anti-clockwise until it stops as illustrated in Fig. 2. So blade fix protrudes from rod. as illustrated in Fig. 2A. And then, turn the protruded blade fix anti-clockwise. So it can be removed from rod.

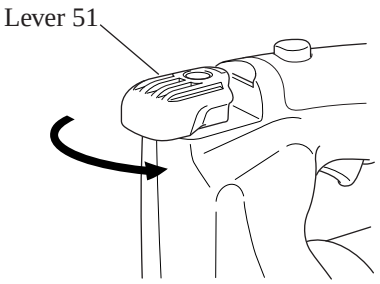


Fig. 2

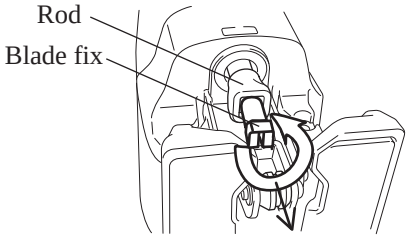


Fig. 2A

(2) Assembling blade fix

Make sure that lever 51 has been already rotated anti-clockwise fully.
Insert blade fix into rod while rotating it clockwise one quarter to one full turn so that the slit of blade fix will face forward as illustrated in Fig. 3.

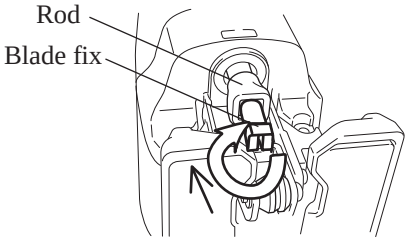


Fig. 3

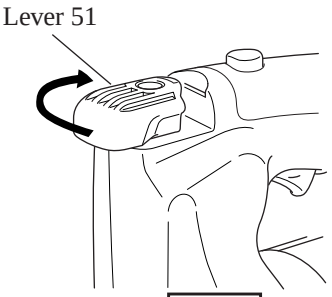


Fig. 3A

Grasp the blade fix with your fingers so that it will not turn, then, rotate lever 51 clockwise until it stops as illustrated in Fig. 3A. The blade fix will go into the rod.

< 3 > Assembling and disassembling gear housing cover section

(1) Remove slider plate from slider. And then, remove counter sunk head screws M4x10 from slider, with L shape torx wrench, as illustrated in Fig. 4.

< Note > The head of counter sunk head screw is shaped as illustrated in Fig. A. Therefore, No.1R013 "L shape torx wrench" is required for screwing and unscrewing counter sunk head screws M4x10.

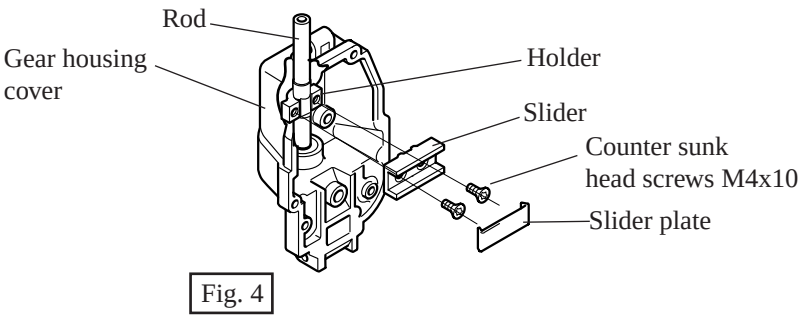


Fig. 4

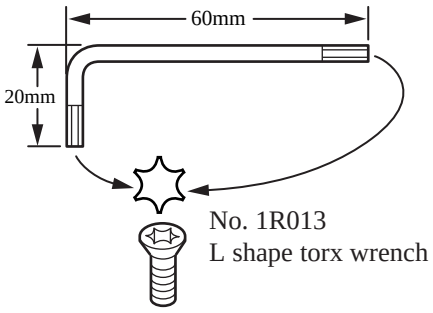


Fig. A

(2) Slider have to be assembled to the flat portion of rod as illustrated in Fig. 5. And fix slider by screwing counter sunk head screw M4x10 to holder. See Fig. 5A. The fastening torque for counter sunk head screw M4x10 is approx. 1.76 - 2.94 N.m.
And then, assemble slider plate to slider by pressing into it as illustrated in Fig. 5.

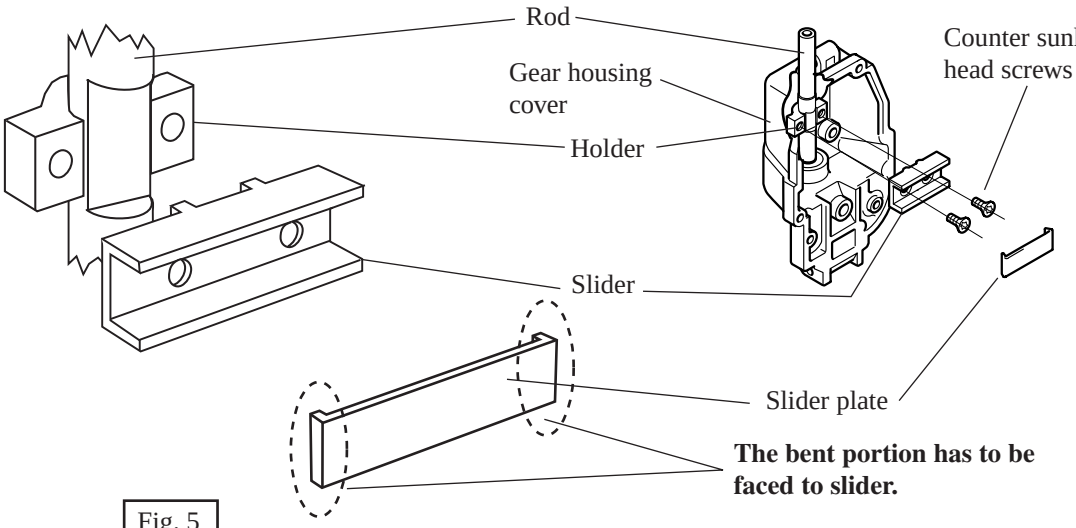


Fig. 5

Fig. 5A

< 3 > Assembling and disassembling gear housing section

(1) Assemble gear shaft to gear housing with pan head screws M4x10 firmly, as illustrated in Fig. 6.
Assemble crank to helical gear with hex socket head bolt M4x16 firmly as illustrated in Fig. 6A.
And then, assemble retaining ring S-8 on gear shaft in order to fix the parts in Fig 6A to it.
The fastening torque for pan hd. screw M4x10 and hex socket hd. bolt M4x16 is approx. 1.76 - 2.94N.m.

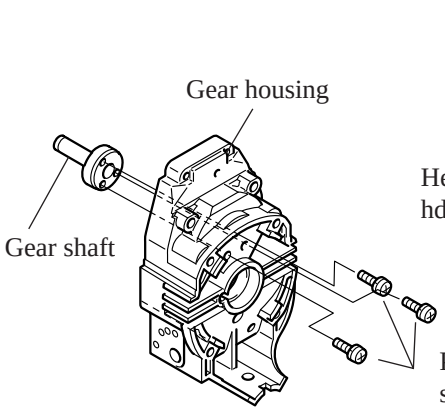


Fig.6

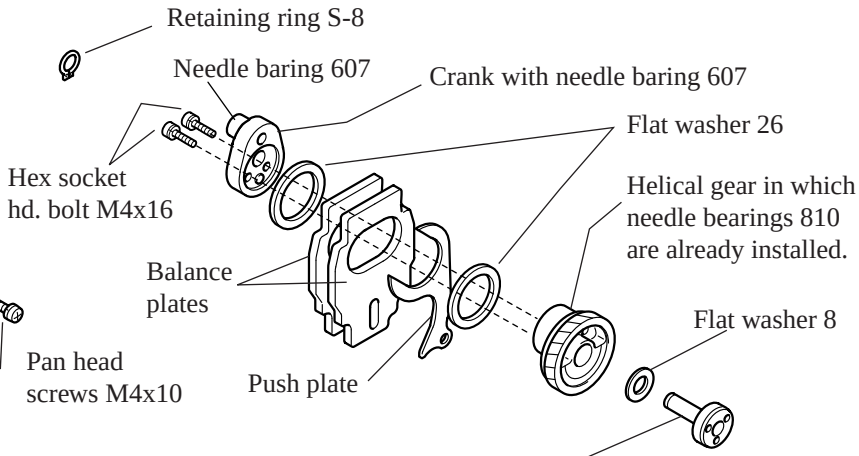
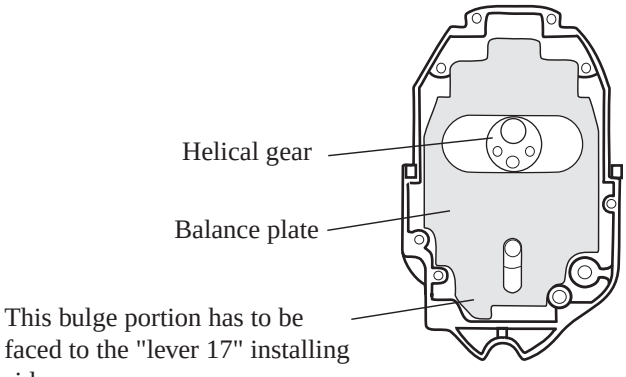


Fig. 6A

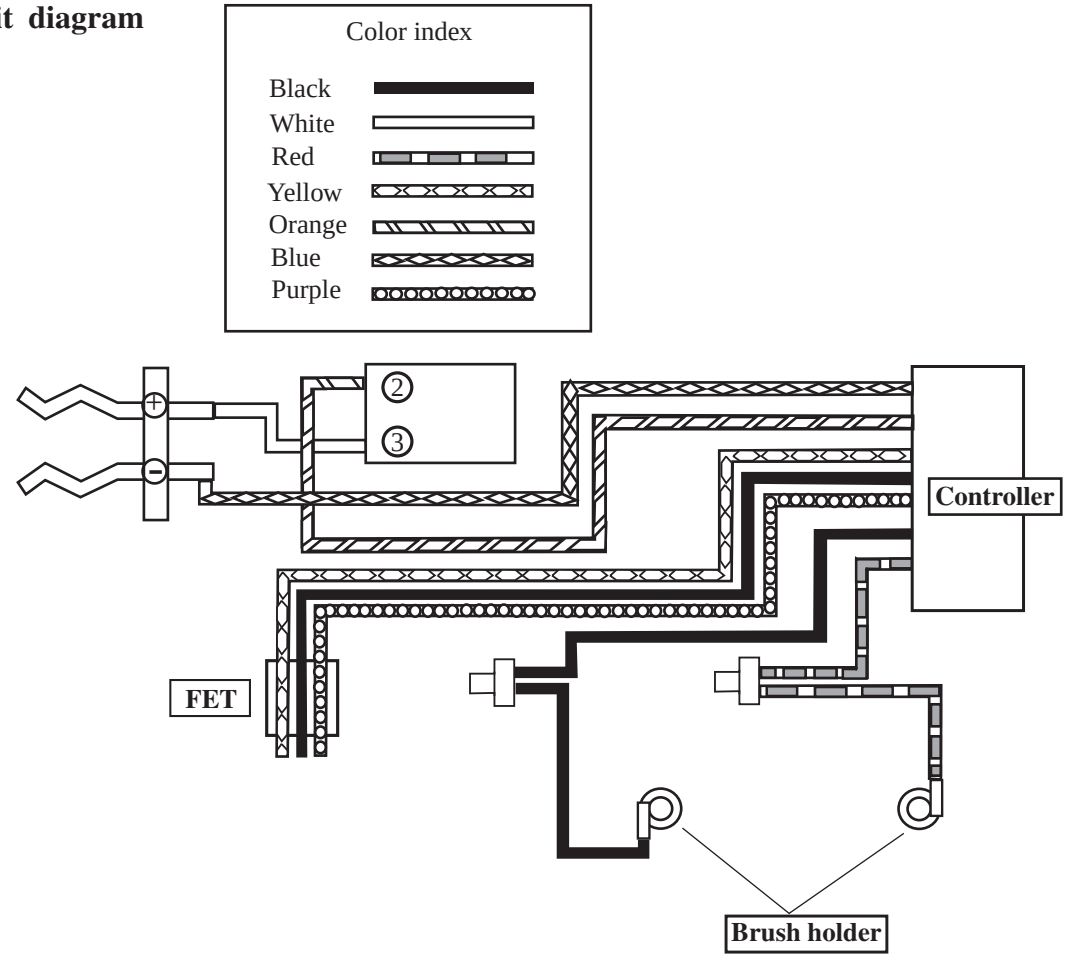
< Note > Balance plate is not symmetric. Therefore, assemble this part as illustrated in Fig. 7.



View from gear housing cover side

Fig.7.

Circuit diagram



Wiring diagram