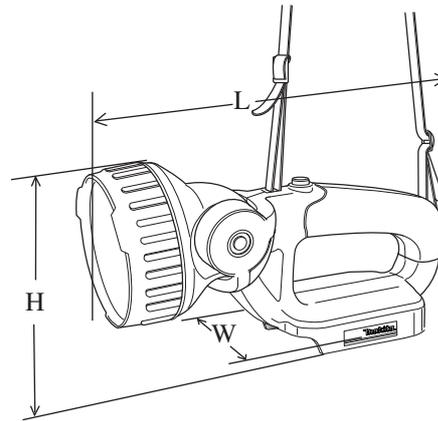


**Models No.** ▶ BML240

**Description** ▶ Rechargeable Flash Light

## CONCEPTION AND MAIN APPLICATIONS

The newly developed 24 V battery provides incredible long continuous illumination time. When 24V / 3.0Ah battery (battery B2430) is used, the time is extended to approx. 320 minutes (5 hours). And equipped with adjustable head with which the irradiation angle can be adjusted in 4 stages at 0°, 45°, 90° and -20°.



## ▶ Specification

Battery type No.		B2430	B2417
Battery	Voltage (V)	24	
	Capacity (Ah)	3.0	1.7
	Energy (Wh)	72	40.8
	Kind of cell	Ni-MH	
Charging time with DC24SA: min.		Approx. 60	Approx. 30
Continuous illumination time: min.		Approx. 320	Approx. 180
** Illumination (lx)		6,000	
Brightness (lm)		210	
Bulb	Gas	Xenon	
	Voltage (V)	24	
	Current (A)	0.5	
	Service life (h)	Approx. over 50	
	Spare bulb	in the head	
Weight including battery: Kg (lbs)		1.98 (4.36)	1.48 (3.26)

Dimensions : mm ( " )	
Length ( L )	275 10-7/8)
Height ( H )	135 (7-5/8)
Width ( W )	100 (4)

\*\* Illumination (lx) : at the place which is 1m (3.3ft) distant from the flash light.

## ▶ Standard equipment

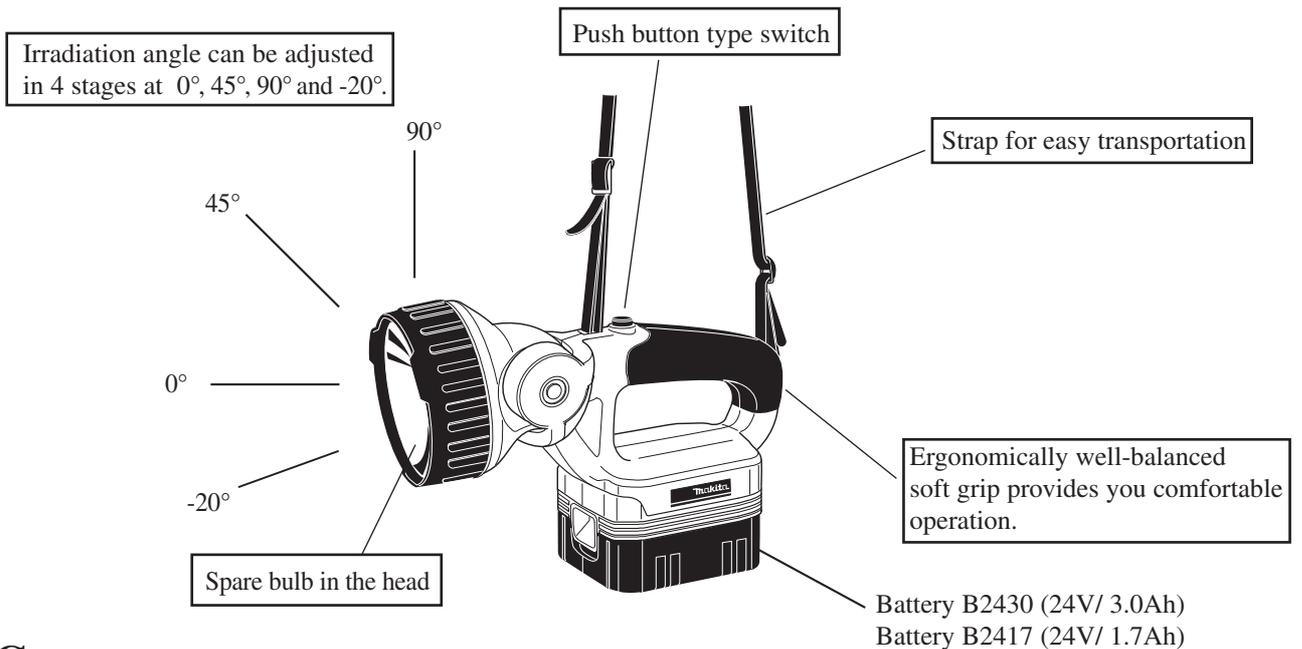
- \* Spare bulb ..... 1 pc.
- \* Strap ..... 1 pc.

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

## ▶ Optional accessories

- \* Spare bulb set ( 2 pcs. per pack)
- \* Battery B2417
- \* Battery B2430
- \* Charger DC24SA

**BML240**



► Comparison of products

Specifications		Model No.		MAKITA		Competitor A
				BML240	ML180	Model A
Battery	Voltage (V)	24		18		24
	Capacity (Ah)	3.0	1.7	2.0		2.0
	Energy (Wh)	72	40.8	36		48
	Kind of cell	Ni-MH		Ni-Cd		Ni-Cd
* Charging time : min.		Approx. 60	Approx. 30	Approx. 60		Approx. 60
Continuous illumination time: min.		Approx. 320	Approx. 180	Approx. 180		Approx. 250
* Illumination (lx)		6,000		4,500		* 700 - 3,300
Brightness (lm)		210		180		180
Bulb	Gas	Xenon		Xenon		Xenon
	Voltage (V)	24		18		24
	Current (A)	0.5		0.6		0.45
	Service life (h)	Approx. over 50		Approx. over 50		-----
	Space for spare bulb	in the head		in the head		in the opening for battery
Adjusting head angle		4 stages ( 0°, 45°, 90°,-20°)		4 stages ( 0°, 45°, 90°,-20°)		2 stages ( 0°, 90° )
* Net weight : Kg (lbs)		1.98 (4.36)	1.48 (3.26)	1.31 (2.88)		1.67 (3.68)
Dimensions inc. battery B2417	Length ( L ) : mm ( " )	275 (10-7/8) at 0° 250 (9-7/8) at 90°		324 (12-3/4)		286 (11-1/4) at 0° 310 (12-1/4) at 90°
	Height ( H ) : mm ( " )	195 (7-5/8) at 0° 215 (8-1/2) at 90°		121 (4-3/4)		134 (5-1/4) at 0° 134 (5-1/4) at 90°
	Width ( W ) : mm ( " )	100 (4)		95 (3-3/4)		84 (3-5/16)
Standard equipment		* Spare bulb ..... 1 pc. * Strap ..... 1 pc. (1.8m in length)		* Spare bulb ..... 1 pc. * Strap ..... 1 pc. (1.2m in length)		* Spare bulb ..... 1 pc

\* Charging time : Model BML240 : with charger DC24SA  
Model ML180 : with charger DC1801  
Model GLI24V : with charger AL60DV

\* Illumination (lx) : at the place which is 1m (3.3ft) distant from the flash light.

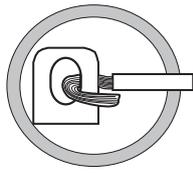
\* 700 - 3,300 : The product of competitor A is equipped with adjustable light condenser.

\* Net weight : Kg (lbs) : including battery

< 1 > Replacing terminals

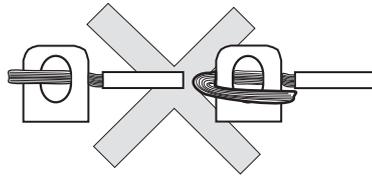
(1) Connecting lead wires with terminals

The lead wires have to be connected as illustrated in Fig. 1. And then, solder them.



Correct connection

Fig. 1

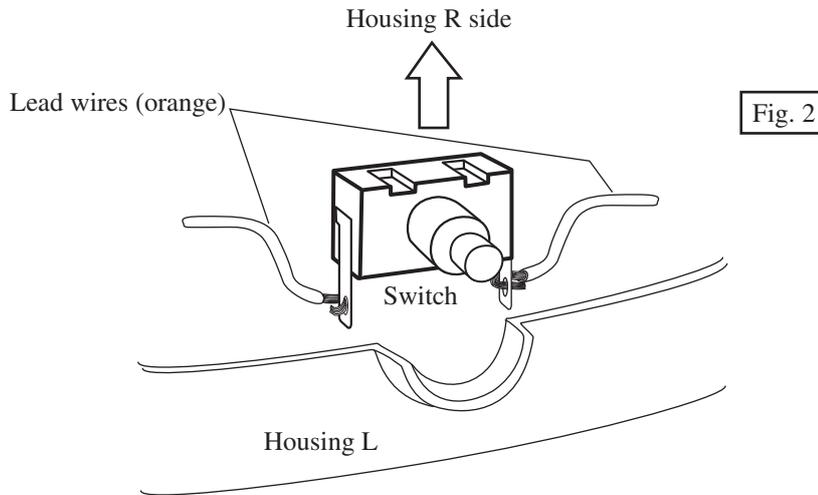


Wrong connection

Fig. 1A

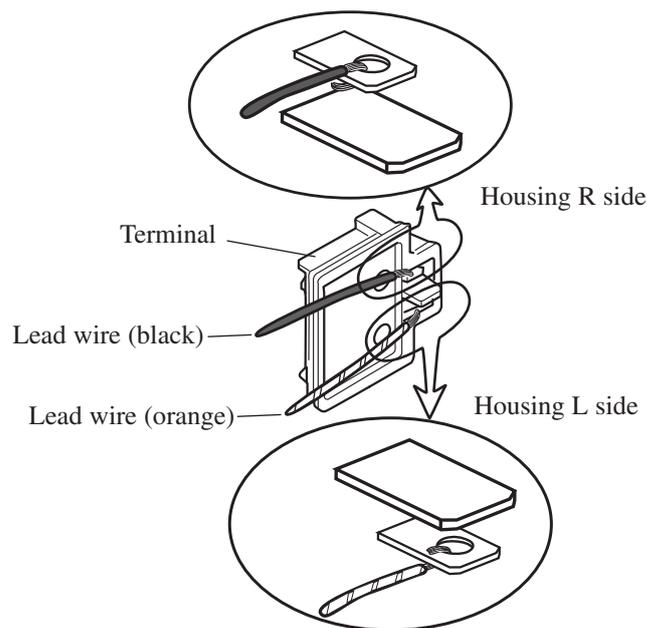
(2) Connecting lead wires with switch

The lead wires have to be connected as illustrated in Fig. 2. And then, solder them.

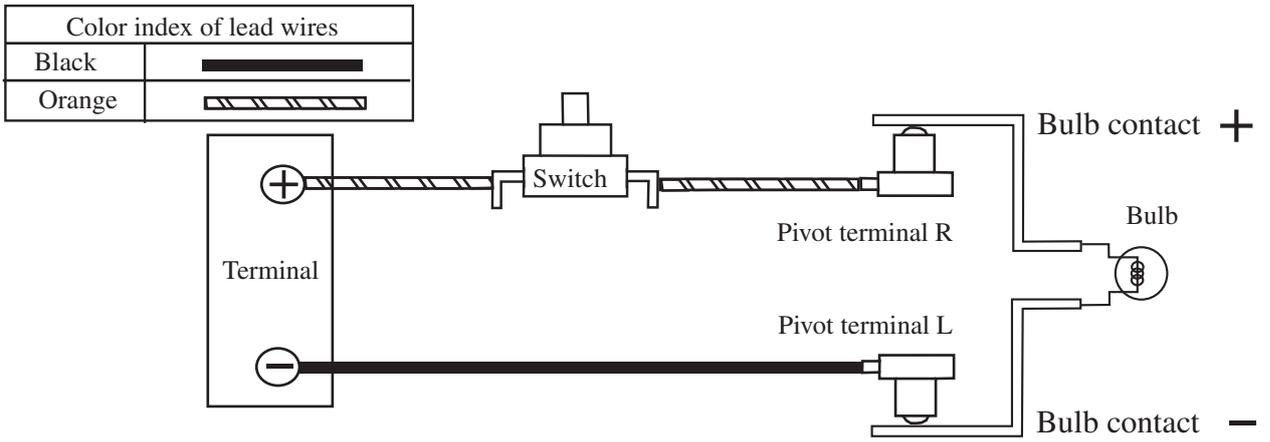


(3) Connecting lead wires with terminal

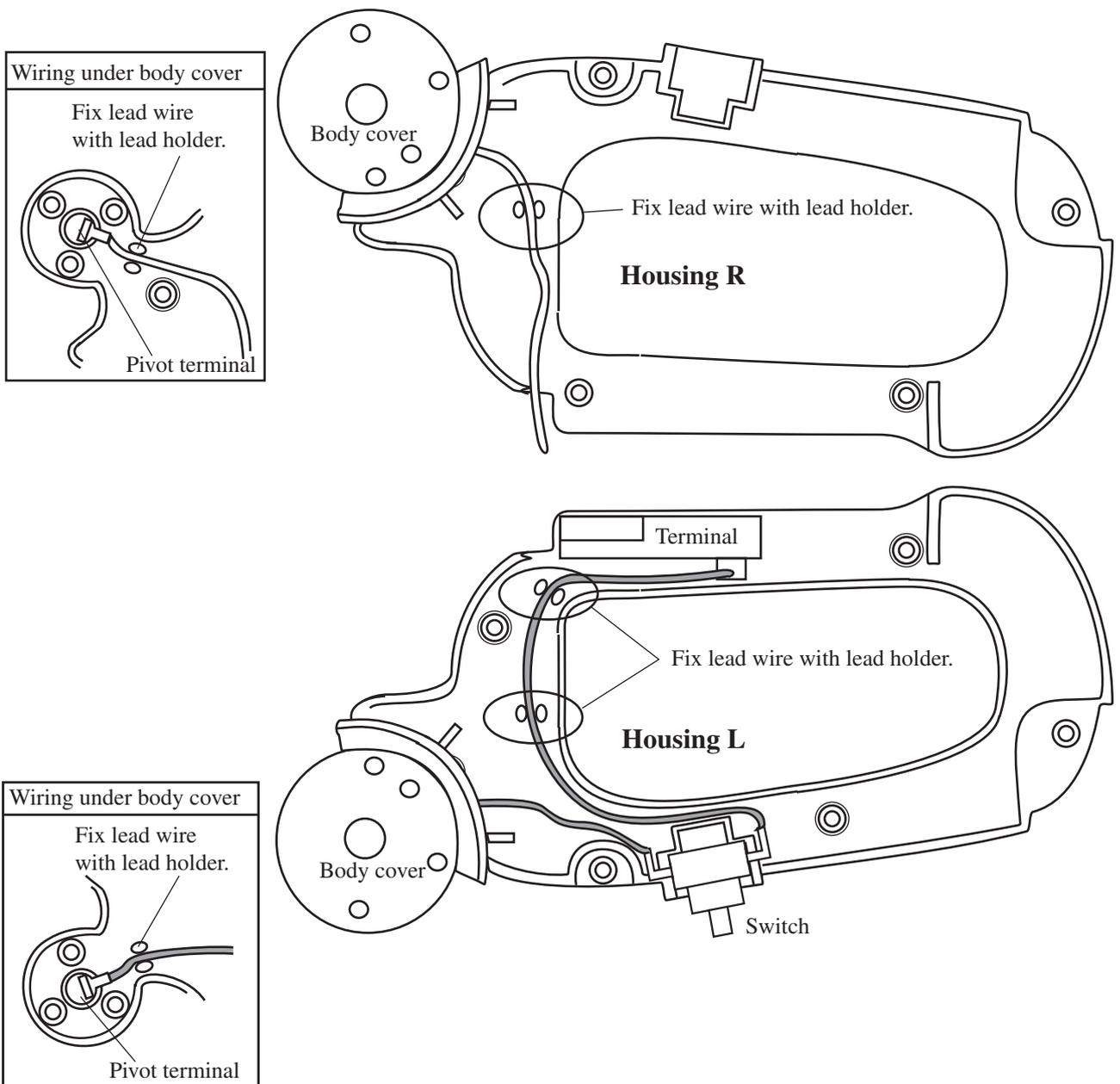
The lead wires have to be connected as illustrated in Fig. 3. And then, solder them.



► **Circuit diagram**



► **Wiring diagram**



< Note > **Be careful, not to pinch the lead wires, when assembling.**