

# T ECHNICAL INFORMATION



New Tool

**Models No.** ▶ 5621RD

**Description** ▶ 165mm Cordless Circular saw

## CONCEPTION AND MAIN APPLICATIONS

Model 5621RD is 18V cordless circular saw equipped with 165mm saw blade,

Its brief benefits are;

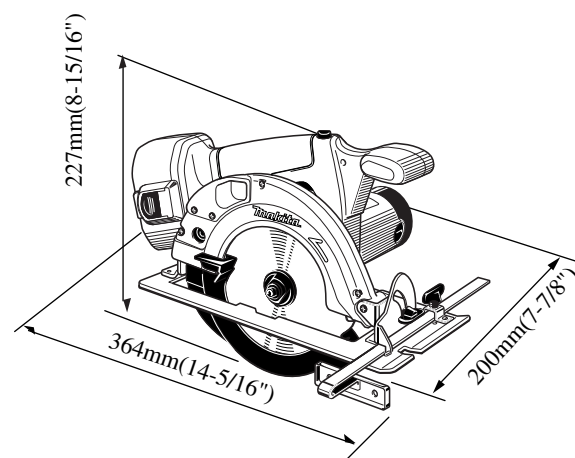
\*Carbon brushes of DC motor can be replaced.

\*Equipped with Riving Knife.

(to comply with European regulation)

\*Equipped with Dust Nozzle

which can be connected with vacuum cleaner



<b>Model No.</b>	5621RDWA	5621RDWB
<b>Battery</b>	Battery 1822	Battery 1833
<b>Fast charger</b>	DC1801	DC1801
<b>Plastic case</b>	Yes	Yes

## ► Specifications

Motor		DC 18V magnet motor
<b>Battery</b>		Battery 1822(Ni-Cd,18V,2.0Ah)
		Battery 1833 (Ni-MH,18V,2.2Ah)
<b>Blade diameter</b>		ø165mm(6-1/2")
<b>Arbor diameter</b>		20mm(25/32")
<b>Cutting depth (mm)</b>	<b>At 90°</b>	0-54mm(2-1/8")
	<b>At 45°</b>	0-38mm(1-1/2")
	<b>At 40°</b>	0-34mm(1-11/32")
<b>No load Speed (rpm)</b>		2,600
<b>Net weight</b>		3.8Kg(8.4lbs)

## ► Standard equipment

Guide Rule ;1 pc

Hex. Wrench 5 ;1 pc

Battery Cover ;1 pc

T.C.T. Saw Blade 165x24TX20 ;1 pc

Plastic Carrying Case ;1 pc

<Note>The standard equipment may differ from country to country.

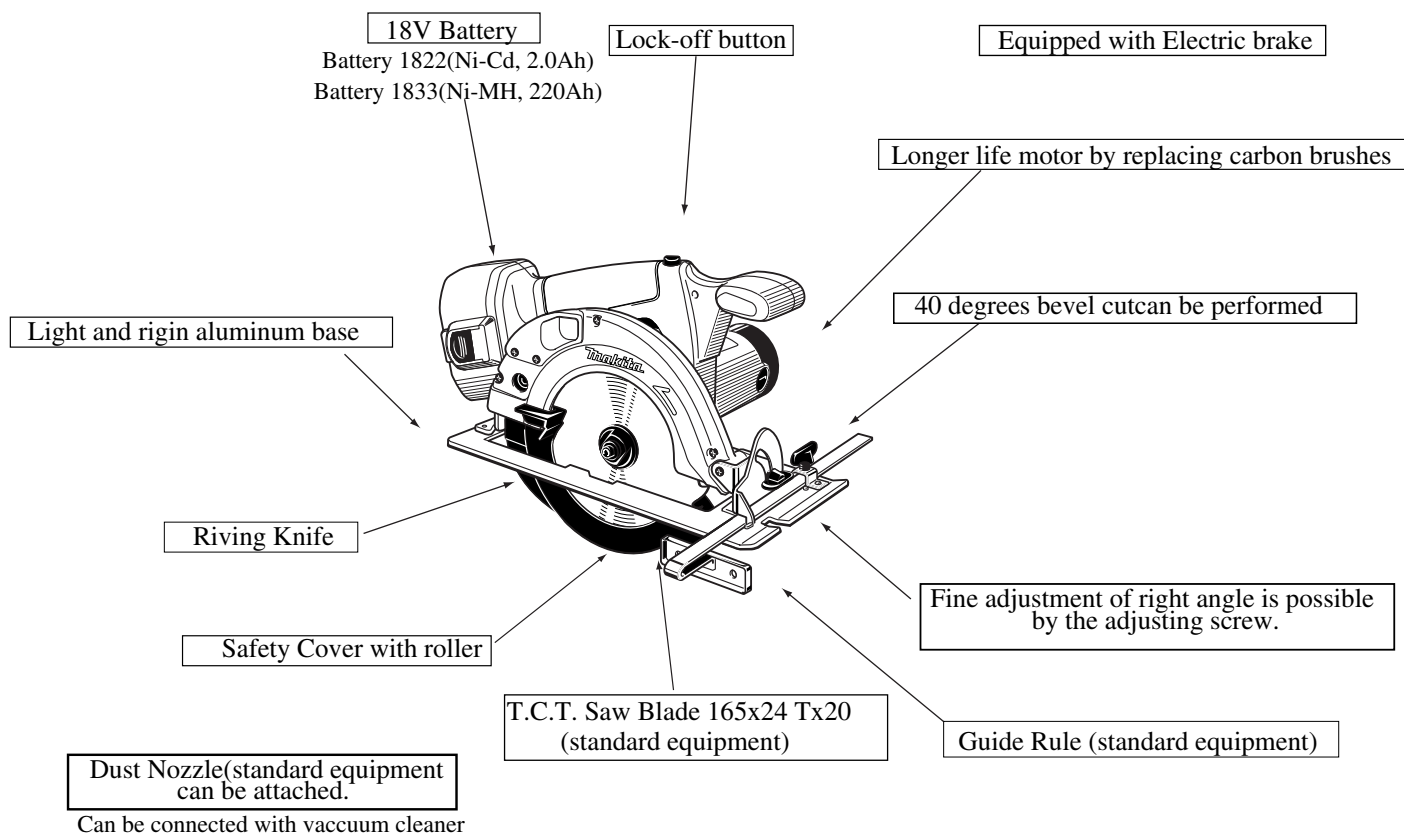
## ► Optional accessories

T.C.T Saw Blades 165x40Tx20,165x52Tx20

Battery 1822,

Battery 1833,

Battery charger DC1801



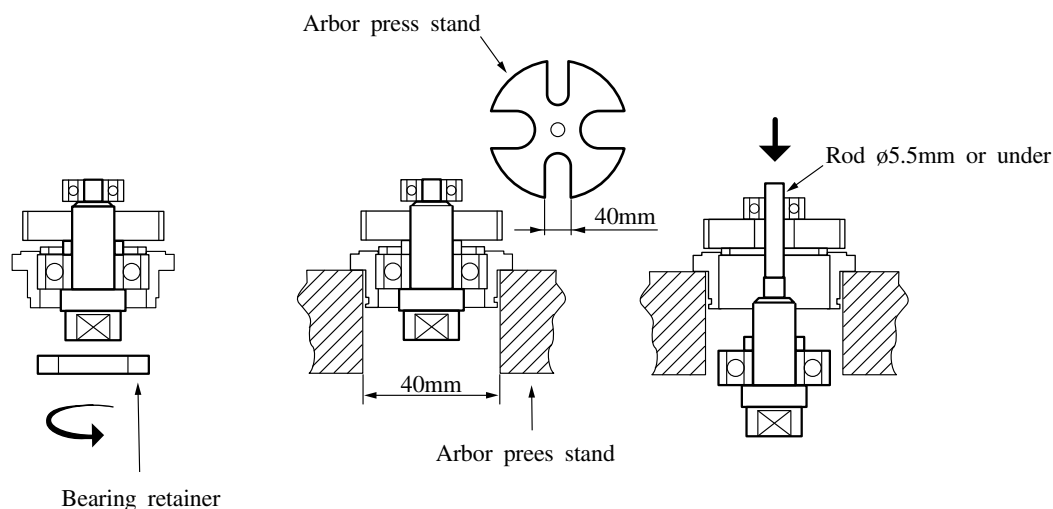
## ► Repair

### (1) Removing Base

Remove three countersunk-head screws (M5x8) that fix Angular plate complete and two countersunk head screws (M4x8) that fix Depth guide complete, then remove base.

### (2) Removing spur gear 53

- 1) Remove two countersunk-head screws and take off Bearing box from the Blade case.
- 2) Remove Bearing retainer (left-handed screw),
- 3) Place Bearing box at Arbor press stand
- 4) Place rod on the rear of spindle and press it by arbor, and Spindle can be removed.



### (3) Wiring of lead wires

1. Align notched part of Yoke unit to the rib A and insert Yoke unit.
2. To prevent pinching between Yoke unit and rib, route lead wire between rib B and rib C after mounting the yoke unit.
3. Take care not to pinch your finger because the magnet of Yoke unit attracts the armature strongly in case of attaching armature.

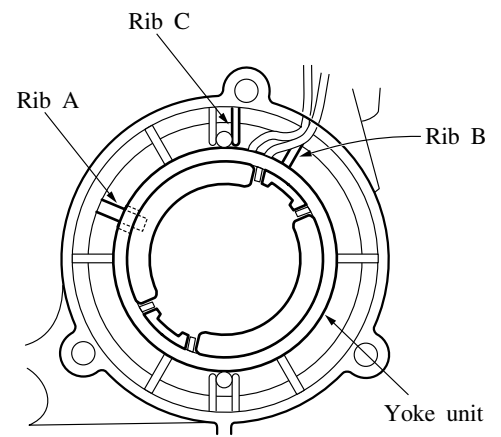
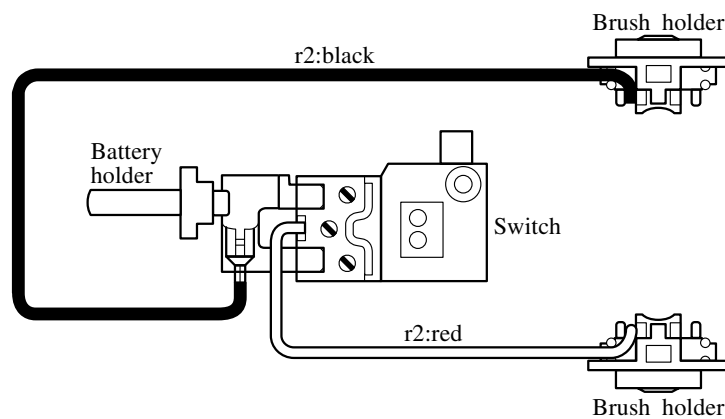


Figure of Motor housing (Fan side)

### ► Wiring diagram



### ► Wiring diagram

