

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;

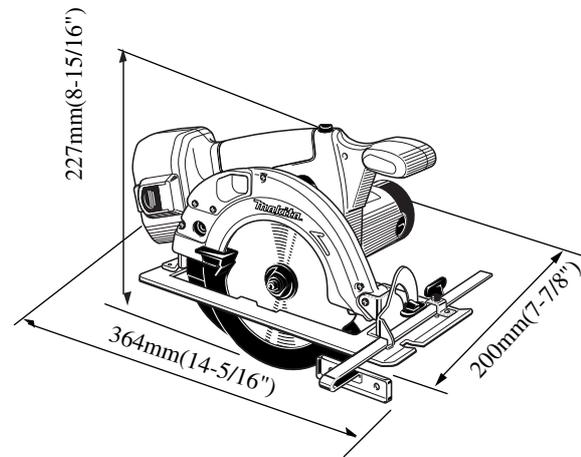
*Carbon brushes of DC motor can be replaced.

*Equipped with Riving Knife.

(to comply with European regulation)

*Equipped with Dust Nozzle

which can be connected with vacuum cleaner



Model No.	5621RDWA	5621RDWB
Battery	Battery 1822	Battery 1833
Fast charger	DC1801	DC1801
Plastic case	Yes	Yes

► Specifications

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

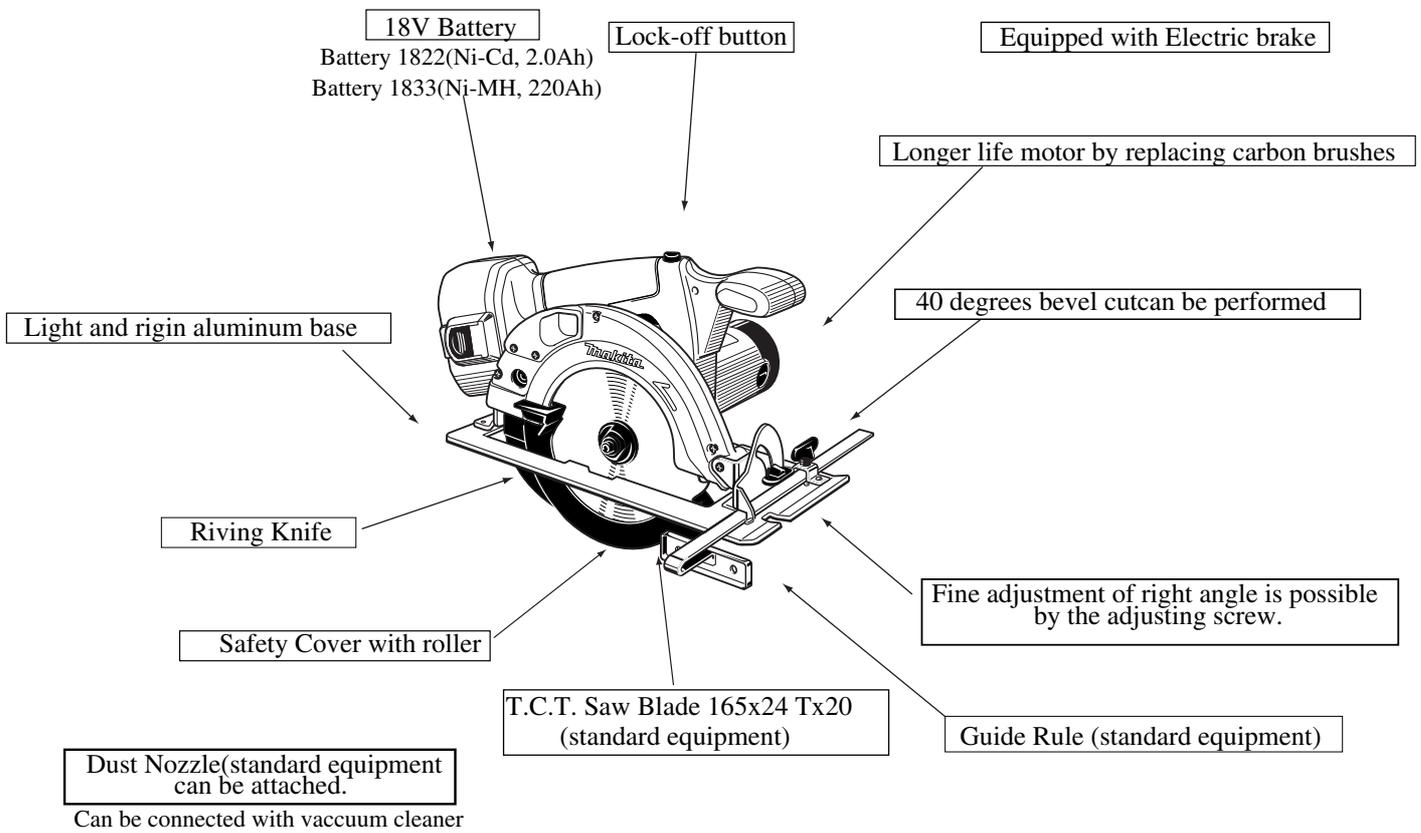
► Standard equipment

- 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



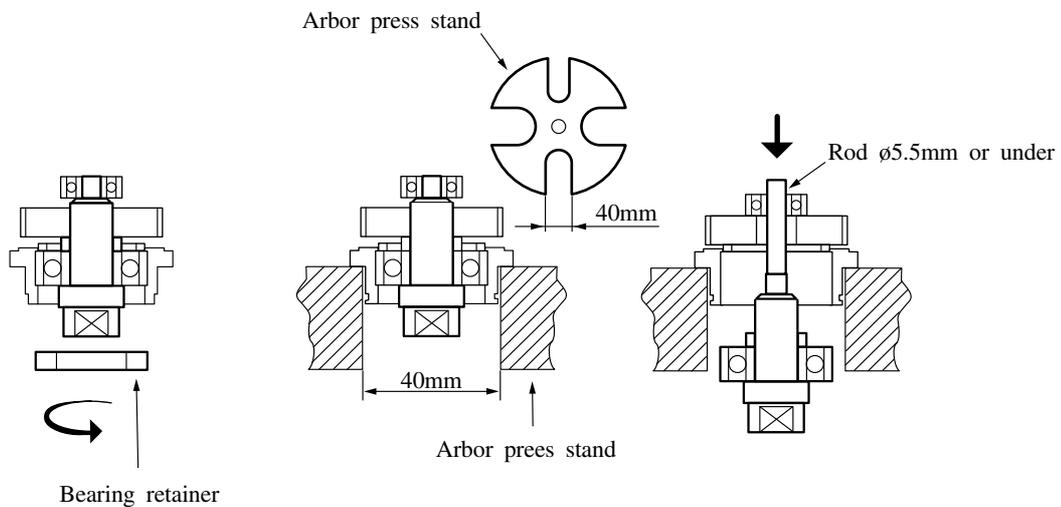
► Repair

(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.

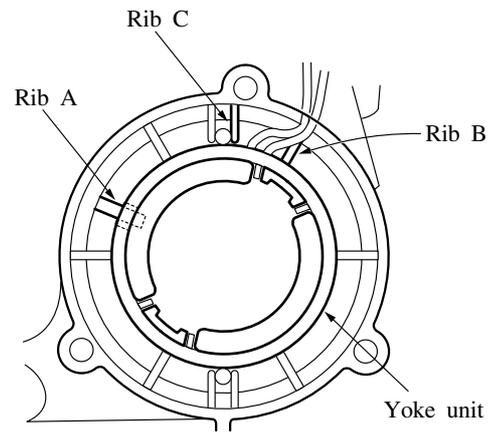
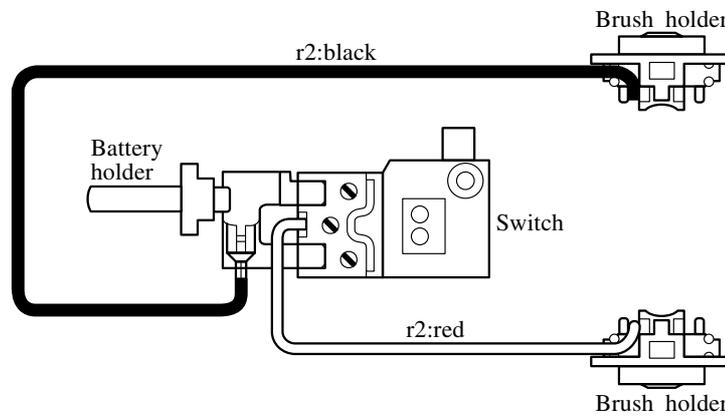


Figure of Motor housing (Fan side)

► **Wiring diagram**



► **Wiring diagram**

