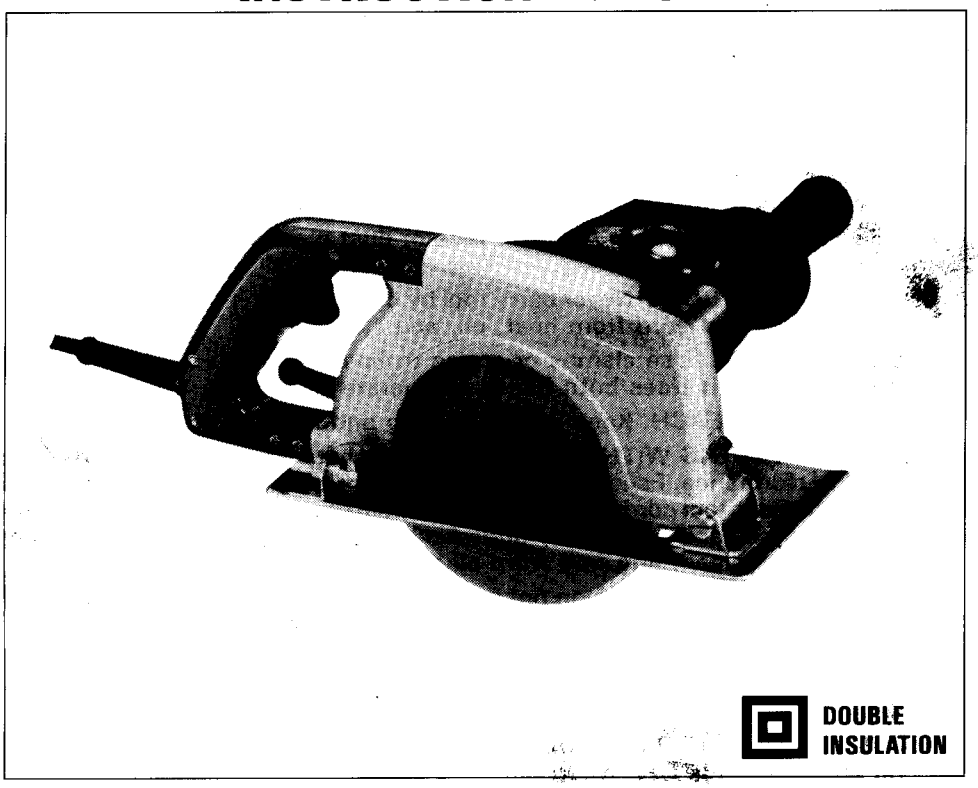
makita

オーストラリア
ニュージランド

Cutter

180 mm (7-1/8") MODEL 4107R

INSTRUCTION MANUAL



DOUBLE INSULATION

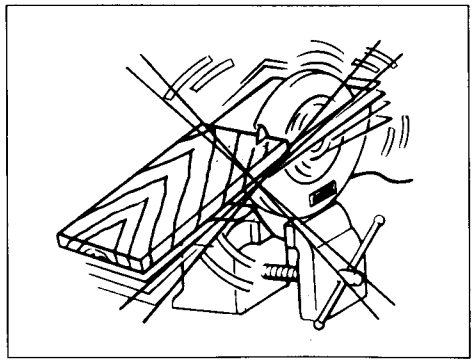
SPECIFICATIONS

Wheel diameter	Max. cutting capacity	No load speed (RPM)	Overall length	Net weight
180 mm (7-1/8")	60 mm (2-3/8")	5,000	370 mm (14-1/2")	7.2 kg (15.8 lbs)

* Manufacturer reserves the right to change specifications without notice.
* Note: Specifications may differ from country to country.

ADDITIONAL SAFETY RULES

1. **For additional protection against electric shock, be sure to WEAR RUBBER GLOVES AND RUBBER BOOTS during operation.**
2. **Check the wheel carefully for cracks or damage before operation. Replace cracked or damaged wheel immediately.**
3. **Use only flanges specified for this tool.**
4. **Be careful not to damage the spindle, flanges (especially the installing surface) or bolt. Damage to these parts could result in wheel breakage.**
5. **When using the water feed, be careful not to let water get into the motor. If water runs into the motor, an electric shock hazard may result.**
6. **Hold the tool firmly.**
7. **Keep hands away from rotating parts.**
8. **Make sure the wheel is not contacting the workpiece before the switch is turned on.**
9. **Wait until the wheel attains full speed before cutting.**
10. **Stop operation immediately if you notice anything abnormal.**
11. **Do not attempt to lock the trigger in the "ON" position.**
12. **Never attempt to cut with the tool held upside down in a vise. This can lead to serious accidents, because it is extremely dangerous.**



13. **Before setting the tool down after completing a cut, be sure that the wheel has come to a complete stop.**

SAVE THESE INSTRUCTIONS.

Removing or installing diamond wheel

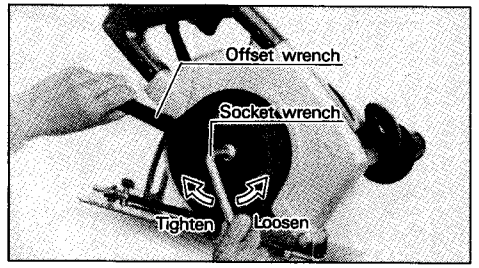
CAUTION:

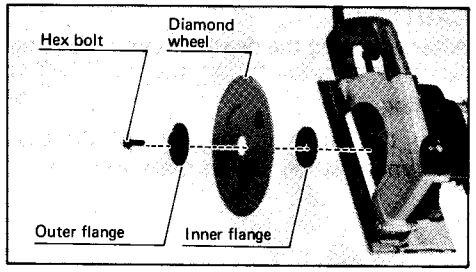
Always be sure that the tool is switched off and unplugged before removing or installing the wheel.

The offset wrench and the socket wrench are provided. Use the offset wrench to hold the outer flange in place and the socket wrench to loosen the hex bolt counterclockwise. Then remove the hex bolt, outer flange and wheel.

To install the wheel, follow the removal procedure in reverse.

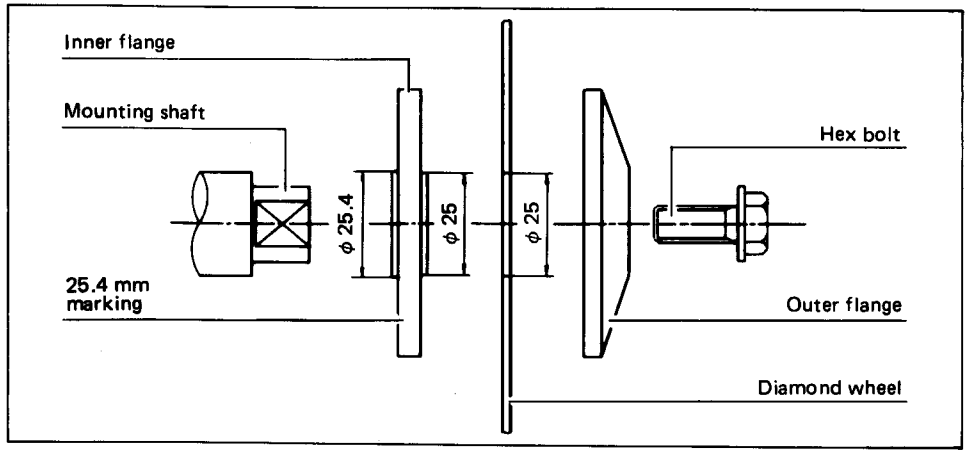
BE SURE TO TIGHTEN THE HEX BOLT SECURELY.





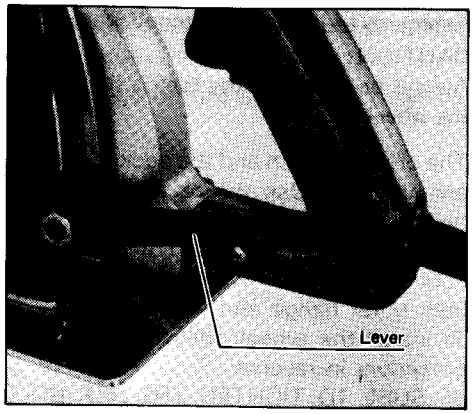
CAUTION:

- Use only the Makita wrenches to install or remove the wheel.
- The inner flange has a 25 mm (63/64") diameter on one side and a 25.4 mm (1") diameter on the other. The side with 25.4 mm (1") diameter is marked by "25.4". Use the correct side for the hole diameter of the wheel you intend to use. Mounting the wheel on the wrong side can result in dangerous vibration.



Adjusting depth of cut

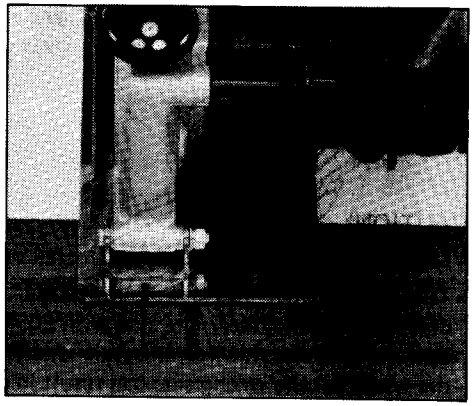
Loosen the lever on the depth guide and move the base up or down. At the desired depth of cut, secure the base by tightening the lever.



CAUTION:
After adjusting the depth of cut, always tighten the lever securely.

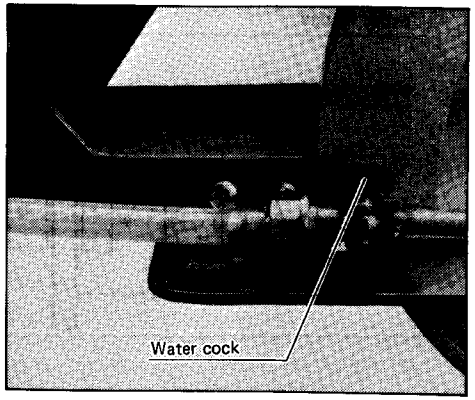
Sighting

Align the notch in the front of the base with your cutting line on the workpiece.



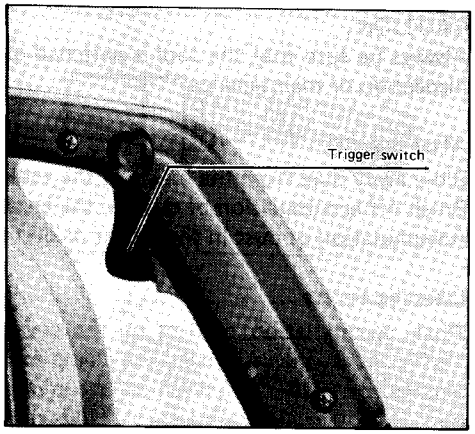
Water flow

Attach the vinyl tube onto the water pipe. Then attach the adapter on the vinyl tube to a faucet of water mains pressure. Adjust the amount of water flow by simply adjusting the water cock.



Switch action

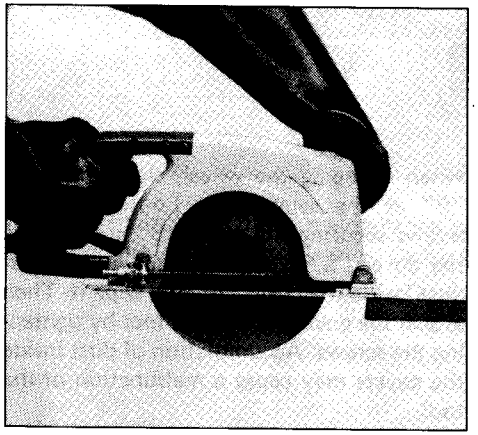
To start the tool, simply pull the trigger. Release the trigger to stop.



CAUTION:
Before plugging in the tool, always check to see that the trigger switch actuates properly and returns to the "OFF" position when released.

Operation

Adjust the amount of water flow.
Hold the tool firmly. Set the base plate on the workpiece to be cut without the wheel making any contact. Then turn the tool on and wait until the wheel attains full speed. Now simply move the tool forward over the workpiece surface, keeping it flat and advancing smoothly until the cutting is completed. Keep your cutting line straight and your speed of advance uniform



CAUTION:

- THIS TOOL SHOULD ONLY BE USED ON HORIZONTAL SURFACES.
- Be sure to move the tool forward in a straight line and gently. Forcing and exerting excessive pressure or allowing the wheel to bend, pinch or twist in the cut can cause overheating of the motor and dangerous kickback of the tool.