

Models No. ▶ VR250D

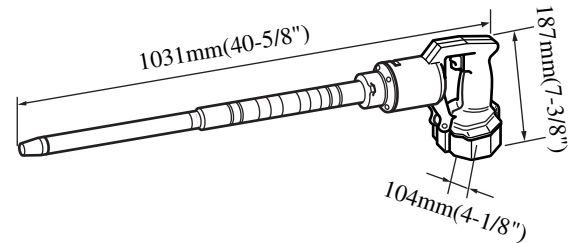
Description ▶ Cordless Vibrating Poker

CONCEPTION AND MAIN APPLICATIONS

Model VR250D is the first cordless vibrating poker in the world. Its brief benefits are;

- *Easy operation by light weight
- *Anywhere without power source

Continuous operating time from a single charge is about 20 minutes.



Motor	Battery	Fast charger
VR250DA	Battery 1222 (1 pc.)	No
VR250DWAE	Battery 1222 (2 pcs.)	DC1410

► Specifications

Motor	DC 12V magnet motor
Battery	Battery 1222 (Ni-Cd,12V,2.0Ah)
Vibrations per minute	13000vpm
Amplitude	1.1 mm(3/64")
Diameter of vibrator	25mm(1")
Length of flexible part	800mm(31-1/2")
Net Weight	2.9kg(6.4lbs)

► Standard equipment

- Battery Cover -----1 pc.
- Plastic Carrying Case (VR250DWAE only) -----1 pc.
- <Note>The standard equipment may differ from country to country.

► Optional accessories

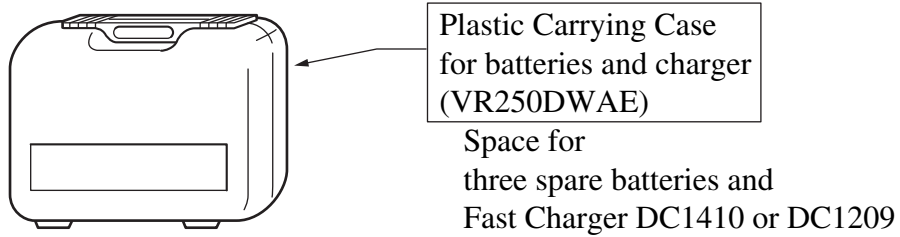
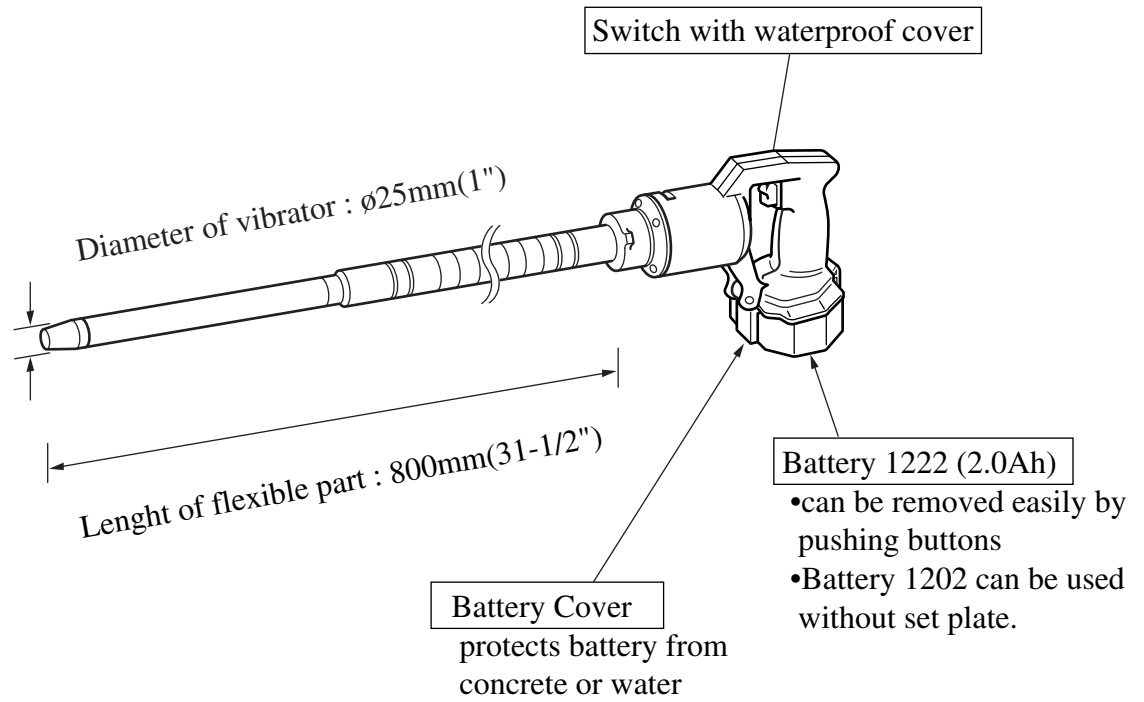
- Battery 1200,1202,1222
- Fast Charger DC1209,DC1410

► Features and benefits

See the sheet attached for more information.

Light weight 2.9kg(6.4lbs)

Less fatigue in continuous operation

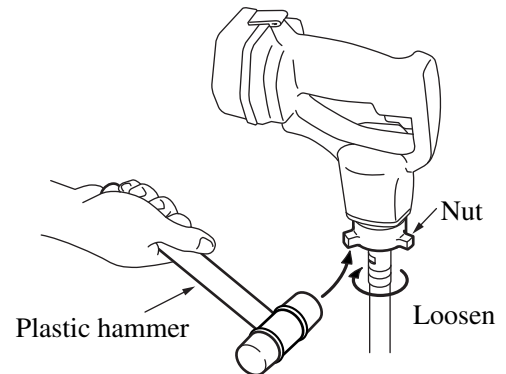


► Repair

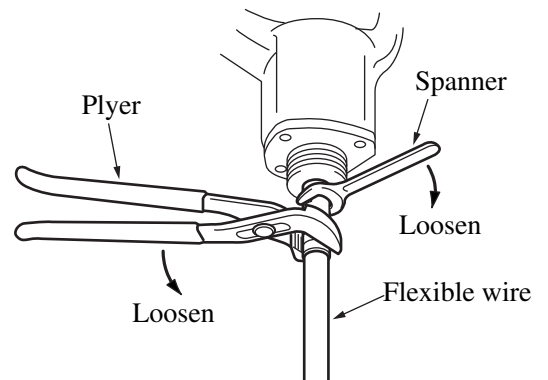
Before repairing, completely clear the concrete from the machine, especially use care of the screws and joint section between parts.

1. Disassembling/assembling of the body and Flexible Hose

- (1) Use the plastic hammer to hit the nut holding Flexible Hose.



- (2) Use the plier to hold the caulking points on the flexible wire, use the spanner to hold spindle, and turn it to remove.



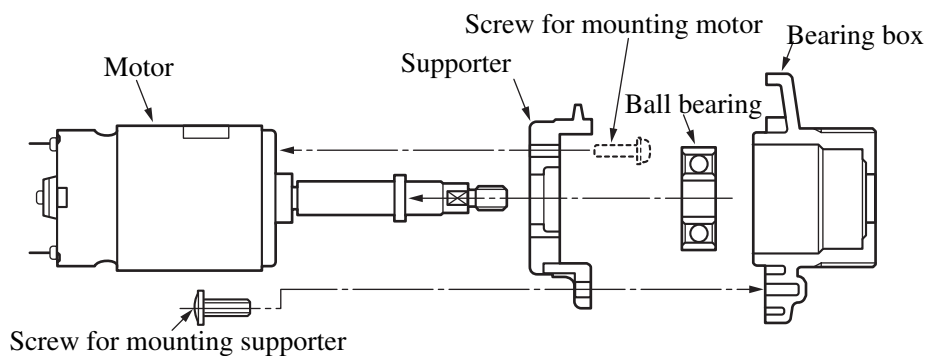
For assembling, proceed (1) and (2) in the reverse order

2. Disassembling/assembling of motor

- (1) Loosen the screws (2 pieces) for mounting the supporter, and remove the bearing box.
- (2) Pull out the bearing from the spindle.
- (3) Loosen the screws (2 pieces) for mounting the motor, and remove the motor.

For assembling, proceed (1)-(3) in the reverse order.

Note) To insert the bearing, place it to spindle flange.

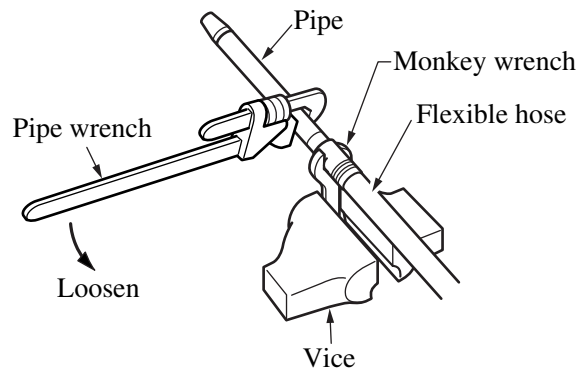


3. Disassembling/assembling of the vibrator

(i) Disassembling

Use the vice to fix the monkey wrench and set the two faces of the flexible hose. Use the pipe wrench (more than 450 mm in length) to remove the pipe.

Note) The pipe screw is left-handed one.

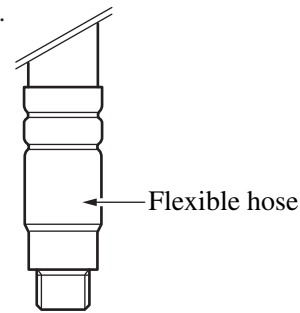


(ii) Assembling

- (1) Place the unbalancer into the pipe.
- (2) Place the rubber ring in the pipe port in parallel.
- (3) Insert the rubber ring while screwing the flexible hose into the pipe.

Note 1) Use care that the rubber ring may not incline.

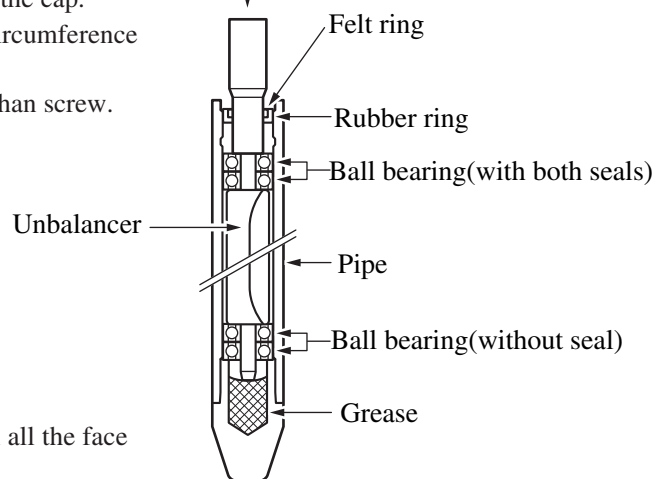
Note 2) Securely fasten the screws for pipe.



4. Assembling of the cap

- (1) Grease the MAKITA Grease R No. 00 of 2.5 g into the cap.
- (2) Apply the adhesive (Three bond 1303B) on all the circumference of the screw and then screw into the pipe.

Note) Do not apply the adhesive on the point other than screw.



5. Lubricating points and amount of grease and oil

Excessively permeate the machine oil on the felt ring.

Evenly grease the MAKITA grease N No.2 of 1.5 g on all the face of the flexible wire.

► Circuit drawing

