

# T ECHNICAL INFORMATION



New Tool

Models No. ▶ HP2033

Description ▶ 20mm 2-speed motor drill

## CONCEPTION AND MAIN APPLICATIONS

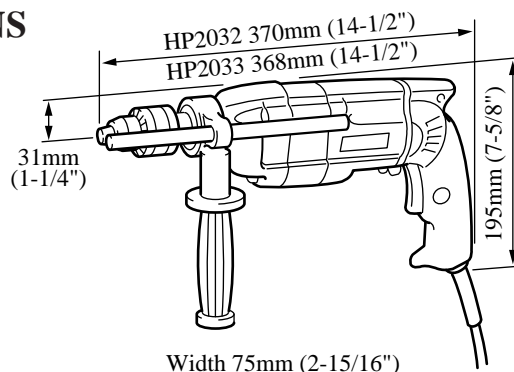
Model HP2032/HP2033 are sister versions of the existing model HP2030/HP2031.

And they are designed for more professional use than HP2030/HP2031. Their brief benefit is:

\*More strong housing than HP2030/HP2031 by aluminum Gear housing and Cam housing.

HP2032 ----- With key drill chuck

HP2033 ----- Keyless drill chuck



## ► Specifications

| Voltage (V) | Current (A) | Cycle (Hz) | Continuous Rating (W) |        | Max. Output(W) |
|-------------|-------------|------------|-----------------------|--------|----------------|
|             |             |            | Input                 | Output |                |
| 100         | 7.6         | 50/60      | 720                   | 330    | 620            |
| 115         | 6.6         | 50/60      | 720                   | 330    | 620            |
| 200         | 3.8         | 50/60      | 720                   | 330    | 620            |
| 220         | 3.4         | 50/60      | 720                   | 330    | 620            |
| 230         | 3.3         | 50/60      | 720                   | 330    | 620            |
| 240         | 3.2         | 50/60      | 720                   | 330    | 620            |

|                                |                      |            |               |
|--------------------------------|----------------------|------------|---------------|
| No load speed                  | Rotations per minute | Low speed  | 0-850 rpm     |
|                                |                      | High speed | 0-2900 rpm    |
|                                | Blows per minute     | Low speed  | 0-9400 rpm    |
|                                |                      | High speed | 0-3200 rpm    |
| Drill chuck capacity           |                      |            | 1.5-13mm      |
| Max. drilling capacities (L/H) |                      | Concrete   | L:N/A H:20mm  |
|                                |                      | Steel      | L:13mm H:8mm  |
|                                |                      | Wood       | L:40mm H:25mm |
| Net weight                     |                      |            | 2.5kg         |
| Cord length                    |                      |            | 2.5m          |

## ► Standard equipment

Chuck key S13-----1 pc. (HP2032 only)

Key holder 12-----1 pc.(HP2032 only)

Depth gauge-----1 pc.

Plastic carrying case-----1 pc.

[Note] The standard equipment may differ from country to country.

## ► Optional accessories

T.C.T. Hammer Bit 5.0-70 ~19.0-220

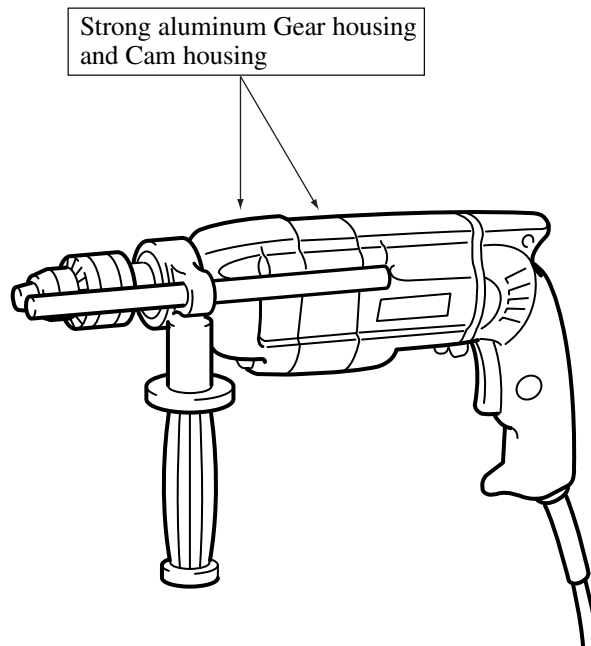
Hole Saw Ass'y 79mm, 95mm

Blow out bulb 64

## ► Features and benefits

Strong aluminum Gear housing and cam housing

## ► Features and benefits

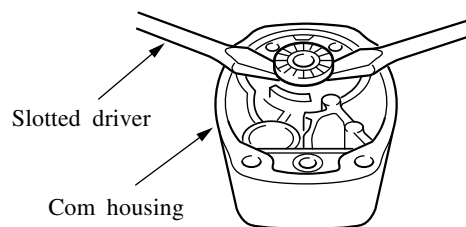


## ► Repair

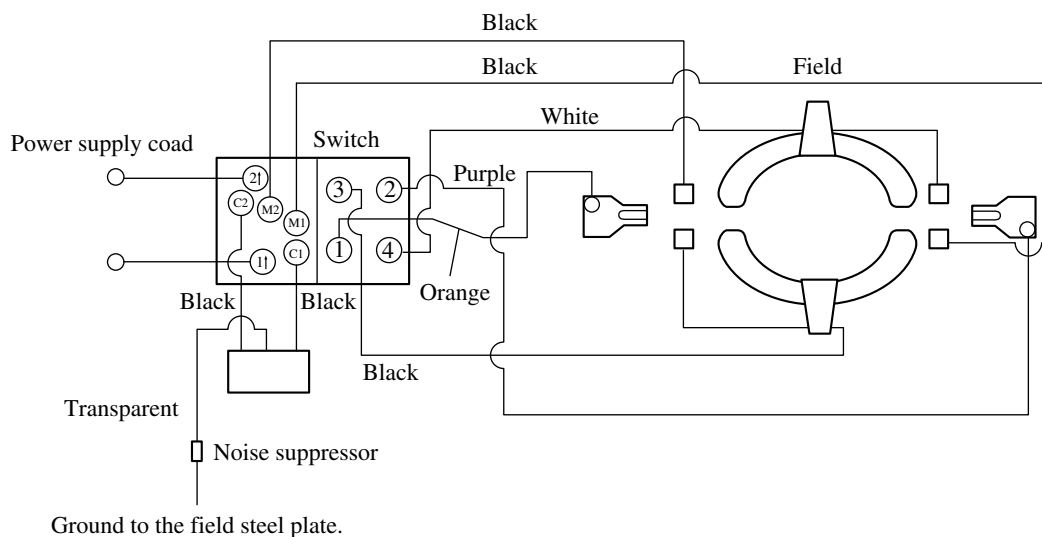
Procedures other than listed below are the same as for HP2030

### \*Removal of cam B

To take cam apart from cam housing for the sake of recycle, etc., remove the cam with a slotted driver as shown in the figure. Use repair tool "IR-020" to remove cam A.

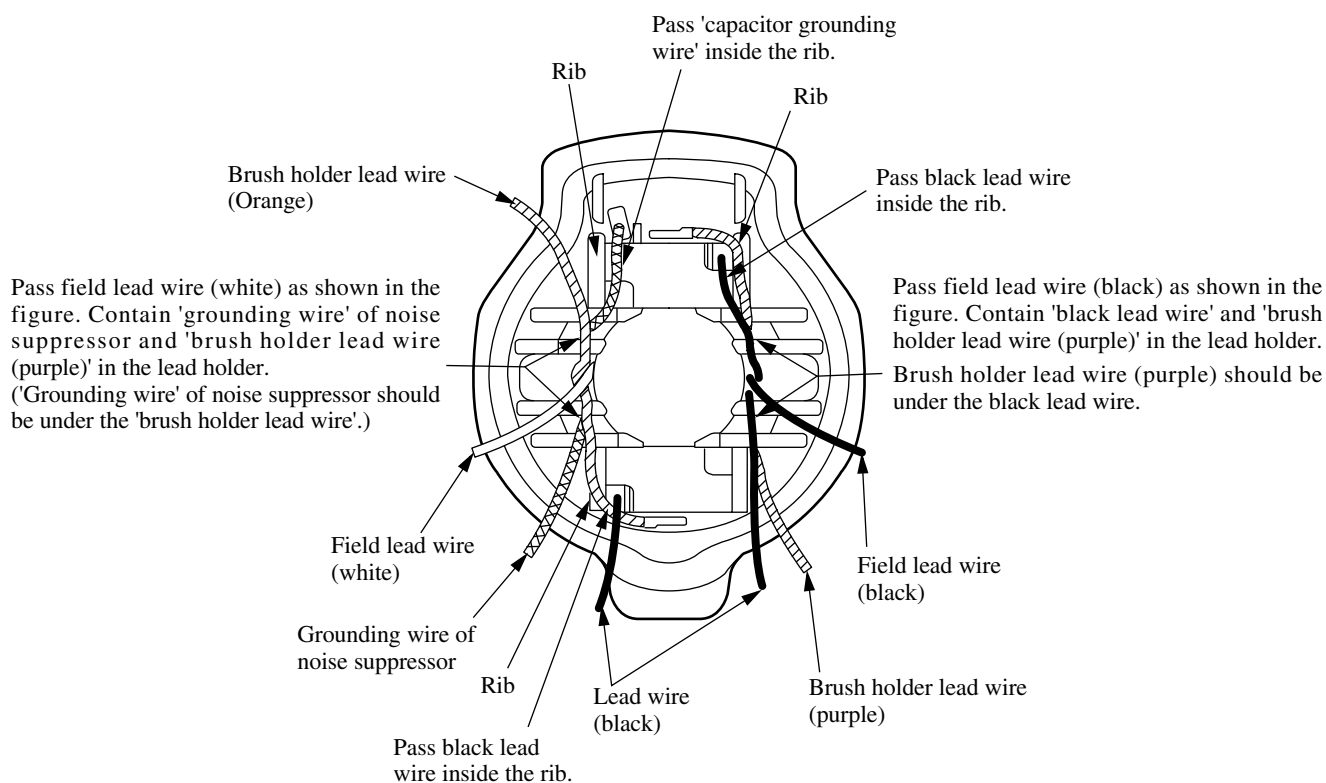


## ► Wiring diagram



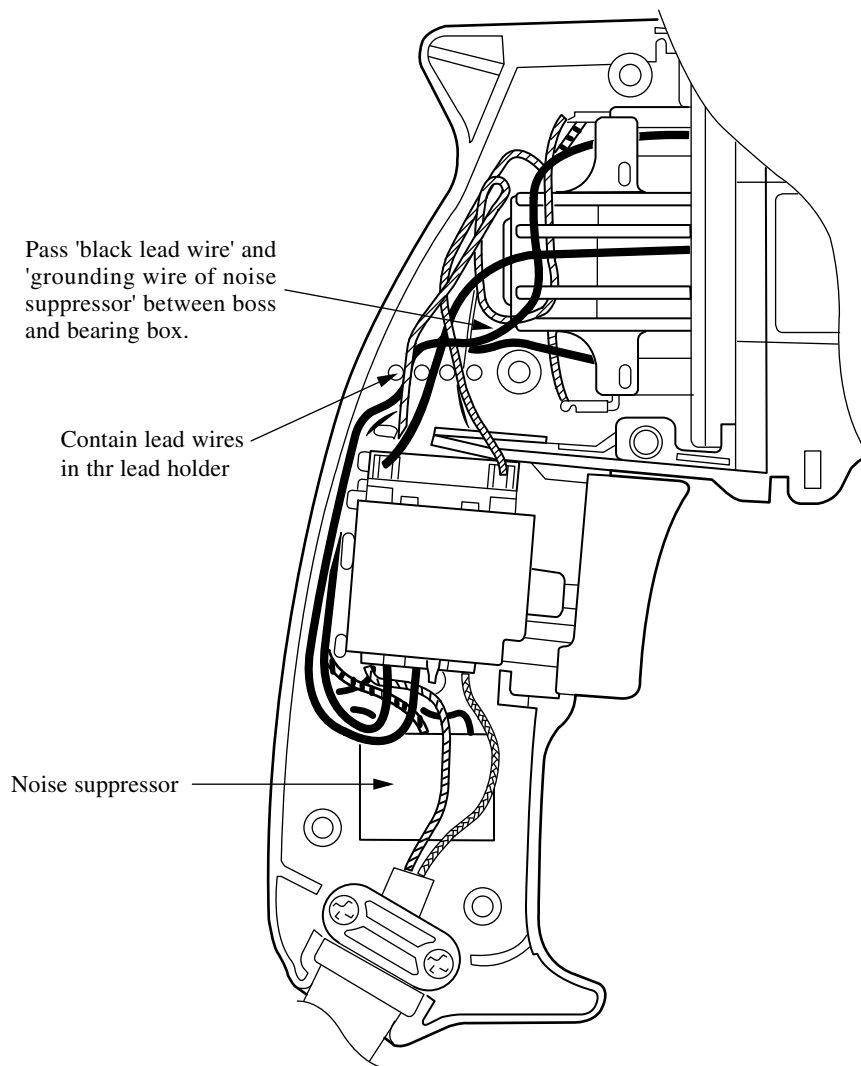
\*Noise suppressor or suppressor without earth wire will not be used for certain countries.  
Noise suppressor may differ from country to country.

## ► Putting lead wires into motor housing



[Note] Connect wires as same as this description even if the noise suppressor is not used.

## ► Putting away lead wires into handle



[Note] Contain wires as same as this description even if the noise suppressor is not used.