

T ECHNICAL INFORMATION



New Tool

Models No. ▶ HP2033

Description ▶ 20mm 2-speed motor drill

CONCEPTION AND MAIN APPLICATIONS

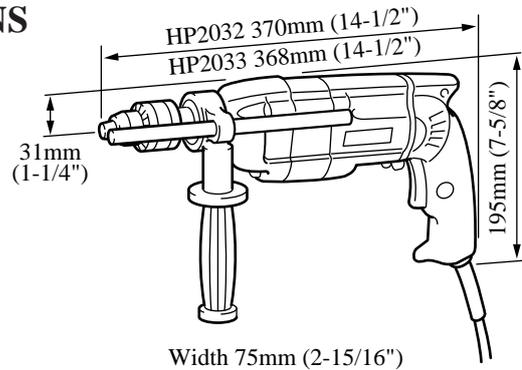
Model HP2032/HP2033 are sister versions of the existing model HP2030/HP2031.

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

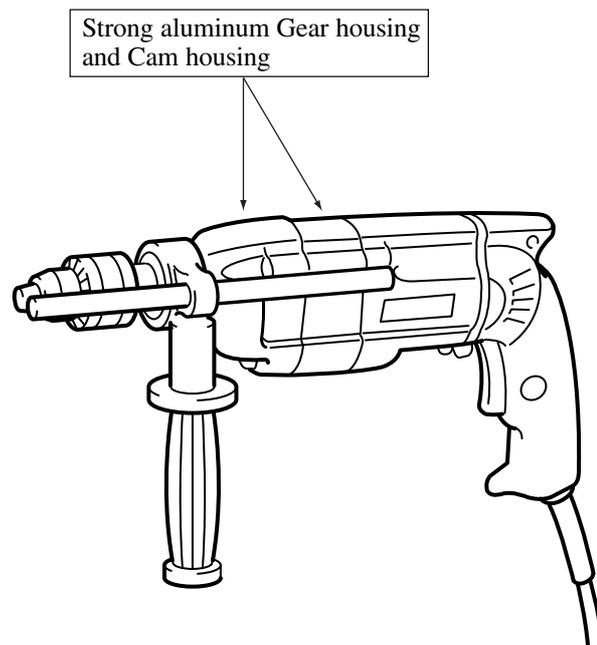
Hole Saw Ass'y 79mm, 95mm

Blow out bulb 64

► Features and benefits

Strong aluminum Gear housing and cam housing

► Features and benefits

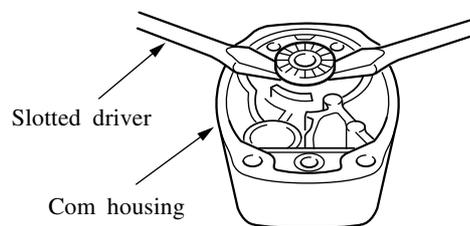


► Repair

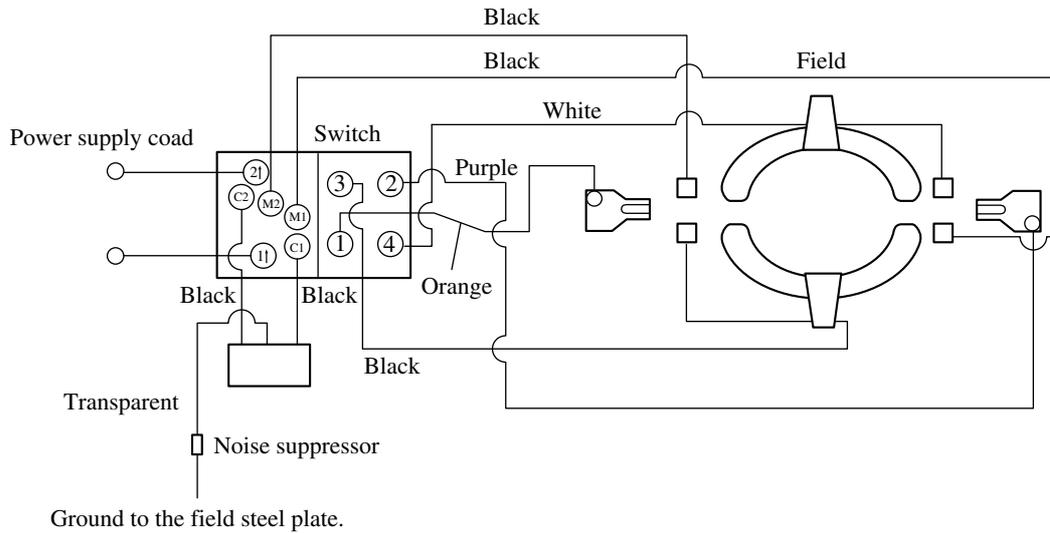
Procedures other than listed below are the same as for HP2030

*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.

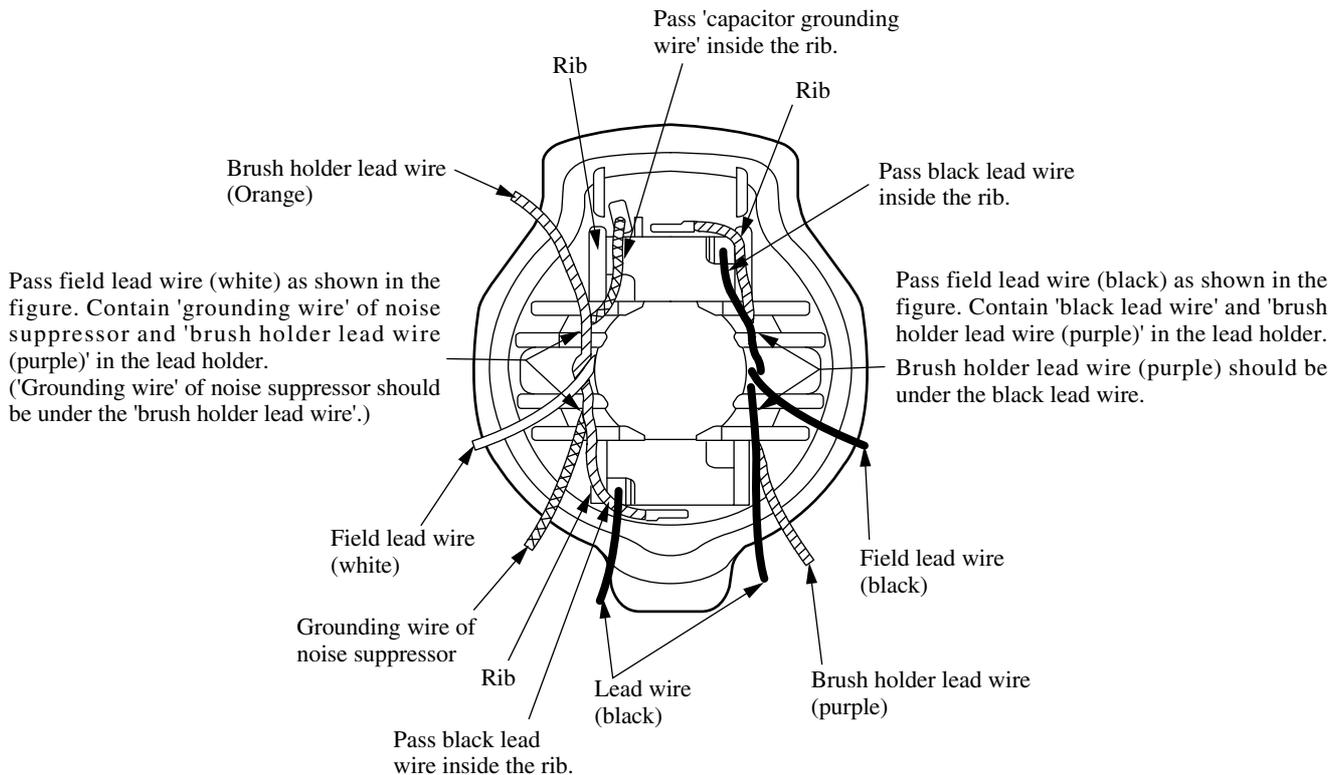


► Wiring diagram



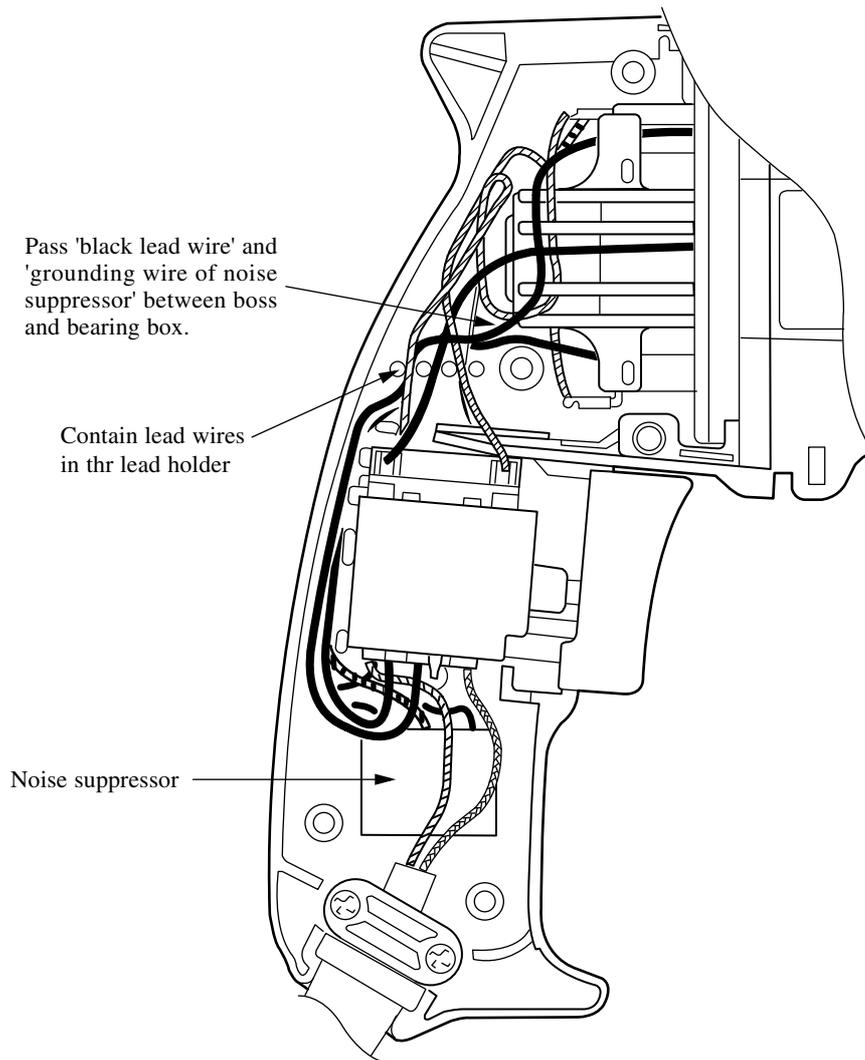
*Noise suppressor or suppressor without earth wire will not be used for certain countries.
Noise suppressor may differ from country to country.

► 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.