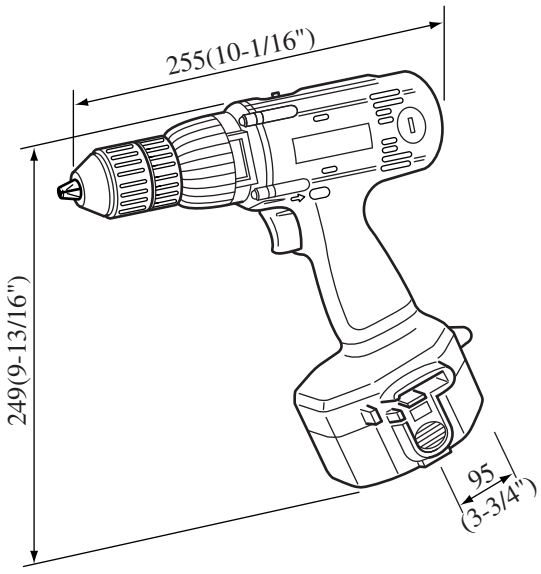
TECHNICAL INFORMATION

New Tool

Models No. ► 6343 D

Description ► 18V Cordless Driver Drill



CONCEPTION AND MAIN APPLICATIONS

18V Cordless driver drill developed as the highest class model in Cordless Driver Drills. The highest capacity and the fastest working speed are realized. With applying Aluminum gear housing and Side grip, it has become available for heavy load and the rigidity has been improved . 18 V Pushbutton type battery, Battery1822 (NiCad 2.0Ah) and 1833 (NiMH 2.2Ah) are applied.

Model	Battery	Charger	Remarks
6343DWA	Battery 1822	DC1801	For export
6343DWAE	Battery 1822 x 2 pcs		
6343DWB	Battery 1833		
6343DBE	Battery 1833x 2 pcs		

► Specifications

Motor	Direct current magnet motor
Battery	Battery 1822 NiCad 18V, 2.0Ah
	Battery 1833 NiMH 18V, 2.2Ah
Speed at no load	High speed 0~1400 R/min
	Low speed 0~450 R/min
Chuck capacity	1.5(1/16") - 13(1/2")
Drilling capacity	Iron works 13mm(1/2")
	Wood works 38mm(1-1/2")
Torque adjusting	16 levels + Direct connection
Max. tighten torque	45 N.m(450 kgf-cm,33ft•lbs)
Clutch operative torque	1 N.m(10kgf-cm,0.7ft•lbs) - 6 N.m(60kgf-cm,4.3ft•lbs)

► Standard equipment

Battery cover ---------- 1pc (DWAE/DWBE: 2pcs)
Grip assembly ---------- 1pc
Stopper pole assembly ------- 1pc
+ - Bit 2-45 ---------- 2pcs (for export only)
+Bit 2-45 ---------- 2pcs

► Optional accessories

Drill 1.5,2,3,4,5,6
Drill Bit for wood 9,12,15
+ Bit 1-65,2-45,2-65,2-110,2-150,3-45,3-64,3-110
- Bit 5-45,5-82,6-70,6.35-45,8-45,8-70
Socket bit 7-55,8-55,10-55
Buff 125
Rubber pad assembly
Wool bonnet100
Charger DC1801
Battery (NiCad 1822)
Battery (NiMH 1833)

The stabdard equipment for the tools shown may differ from country to country

► Repair

(1) Notes in Disassembly

• When exchanging Gear assembly, remove Drill chuck in advance.
(If you only dismantle Housing, removal of Chuck is unnecessary.)

•When detaching Chuck, hold two-face width of Spindle.

•In disassembly, be careful no to lose Compression spring 4 in Speed change lever, because it easily goes away.

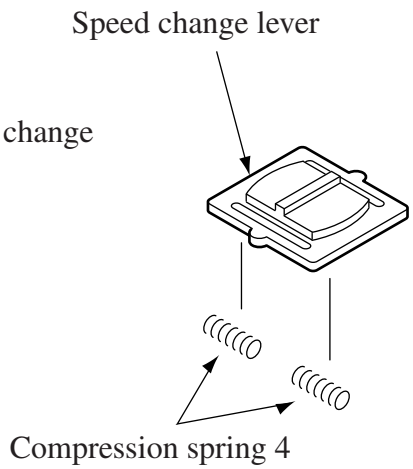


Figure 1

(2) Note in Assembly

1 Assembly of Motor and Gear assembly

* Since Motor bracket is equipped in Gear assembly for repair, detach Motor bracket from Gear assembly. Be careful that the content may not go out from Gear assembly at that time.

1) Screw Motor bracket to Motor.

2) Attach the above 1) Moter with Bracket to Gear assembly.

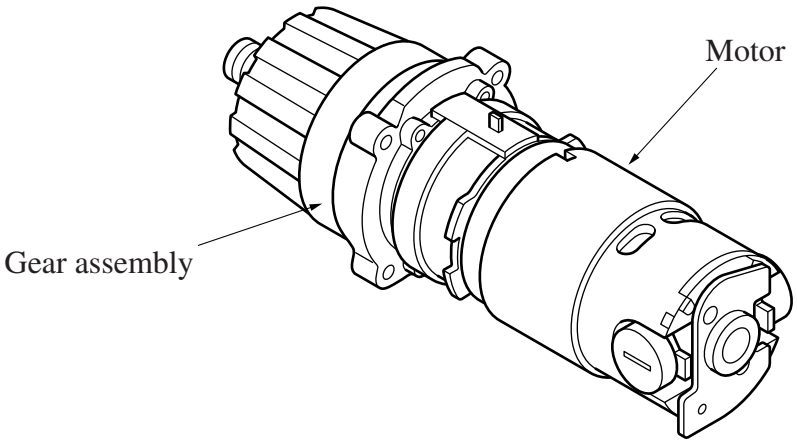


Figure 2

2 Installing of Speed change lever

1) Place two Compression spring 4s into Speed change lever.

2) Being careful that Compression spring 4 may not comes out , install Speed change lever assembly in the projection of Change lever as shown in Figure 3.

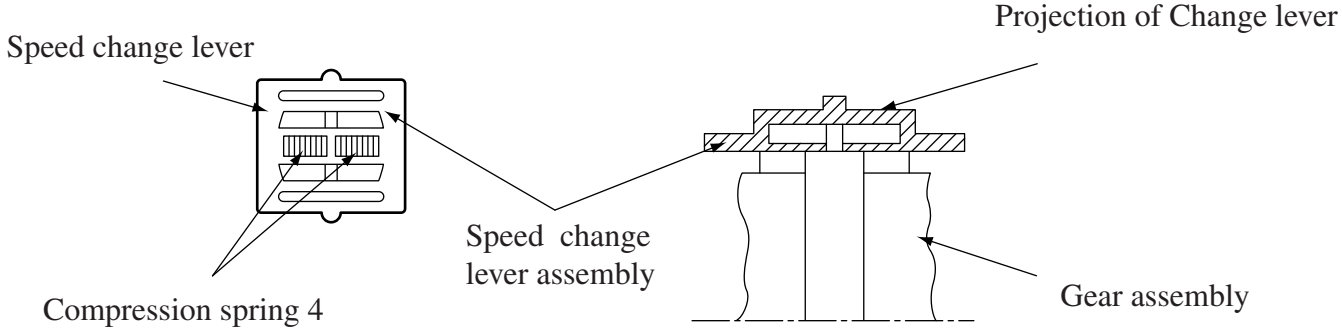


Figure 3

3 Attaching to Housing

1) When attaching a unit of Gear assembly and Motor, etc. to Housing L, place Speed change lever in the position as shown in Figure 4.

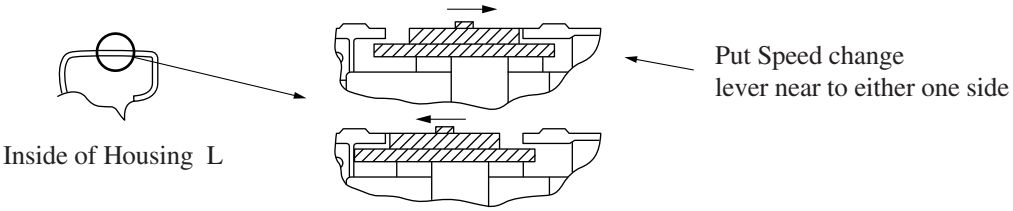


Figure 4

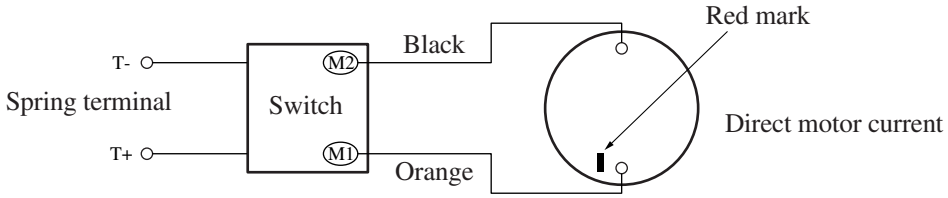
4 Assembly of chuck

1) In assembly of Chuck, hold the two-face width and tighten by 50~60 N.m (500~600kgf.cm).

- If tightened by the torque less than the above, Chuck may loosen in reverse rotation, which will break Screw for Chuck and Chuck may comes off.
- Do not tighten Chuck by low speed lock torque, because you may be swung around and dangerously.

2) Used screw for fixing Chuck is left-handed.

Wiring diagram



Details of wiring

Inside of Housing L