

T ECHNICAL INFORMATION



PRODUCT

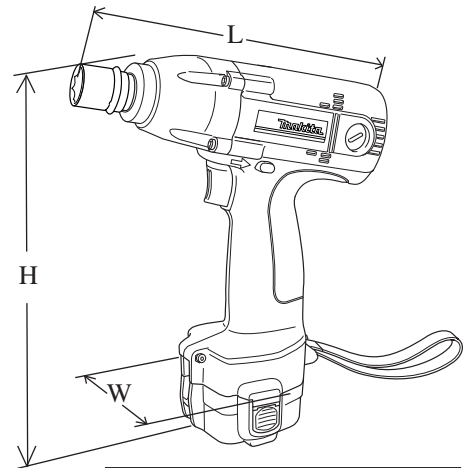
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Models No. ▶ 6918D

Description ▶ Cordless Impact Wrench

CONCEPTION AND MAIN APPLICATIONS

Model 6918D is powered by 12V battery, and features 12.7mm(1/2") square drive with powerful max. torque at 120N.m. And more handy and compact. The variations of this model are as follows.



Model No.	Battery	Charger	Plastic Carrying Case
6918DWA	1222 /1 pc. : Ni-Cd, 2.0Ah	DC1411	Yes
6918DWAE	1222 /2 pcs. : Ni-Cd, 2.0Ah	DC1411	Yes
6918DWD	1234 /1 pc. : Ni-MH, 2.6Ah	DC1411	Yes
6918DWDE	1234 /2 pcs. : Ni-MH, 2.6Ah	DC1411	Yes
6918DWF	1235 /1 pc. : Ni-MH, 3.0Ah	DC1411	Yes
6918DWFE	1235 /2 pcs. : Ni-MH, 3.0Ah	DC1411	Yes

Dimensions : mm (")	
Width (W)	94 (3-11/16)
Height (H)	231(9-1/8)
Length (L)	176 (6-15/16)

Ni-Cd; Nickel Cadmium battery
Ni-MH; Nickel-Metal Hydride battery

► Specification

Voltage (V)	D/C 12 V	
No load speed (min-1=rpm)	0 - 2,300	
Impact per minute (min-1=bpm)	0 - 3,000	
Square drive : mm (")	12.7 (1/2)	
Capacities	Standard bolt	M8 - M14 (5/16" - 9/16")
	High Tensile bolt	M6 - M12 (1/4" - 1/2")
Max. fastening torque	120N.m (1,220kgf.cm, 1,060 in.lbs)	
Overall length: mm (")	176 (6-15/16)	
Net weight: kg (lbs)	1.6 (3.5 lbs)	

► Standard equipment

- Socket 19 - 38 1 pc.
- Pin 4 1 pc.
- O ring 24 1 pc. (Except USA, Canada, Mexico)
- Battery cover 1 pc. (for 6918DWA, 6918DWD, 6918DWF)
- Battery cover 2 pcs.(for 6918DWAE, 6918DWDE, 6918DWFE)

< Note > The standard equipment for the tool shown may differ from country to country.

► Optional accessories

- Various sockets
- Battery 1200
- Battery 1202
- Battery 1202A
- Battery 1220
- Battery 1222
- Battery 1233
- Battery 1234
- Battery 1235
- Fast charger DC1439
- Charger DC11411
- Charger DC1801
- Automotive charger DC1422

< 1 > Removing housing R and L
 Remove hammer case from housing R and L.
 And then, housing R and L can be removed.

< 2 > Removing hammer

(1) Press down hammer with 1R045: Large gear extractor
 by turning the handle.

(2) Adjust the opening for steel ball inserting to the cam groove top of spindle.

(3) Take off steel ball 5.6 from spindle.

< Note > 25 steel ball 3.5s are installed in hammer.
 Check the quantity when assembling.

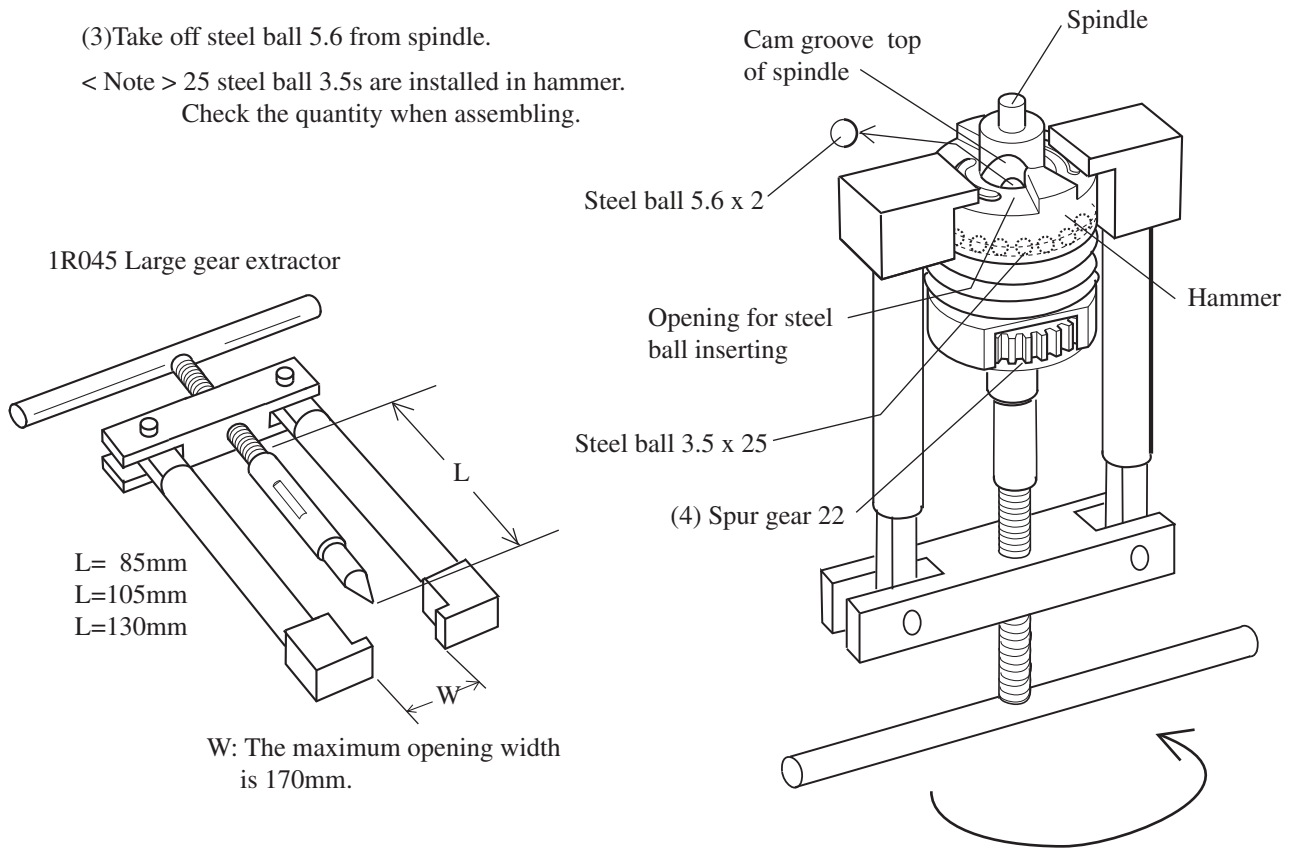


Fig. 1

(4) Apply MAKITA grease N No.2 to the position No. 1, 2, 3 and 4, when assembling.

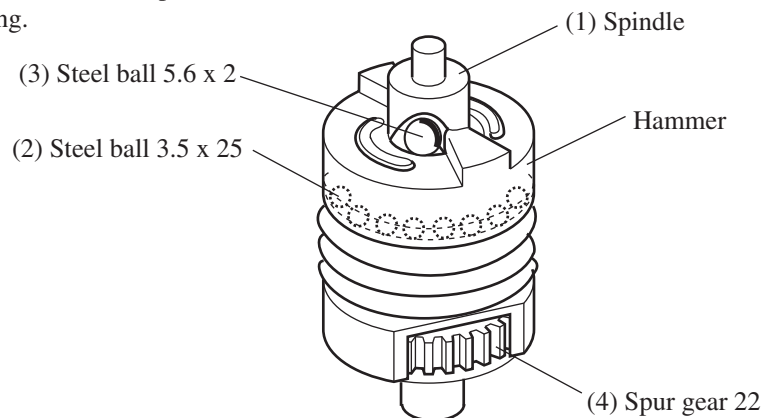
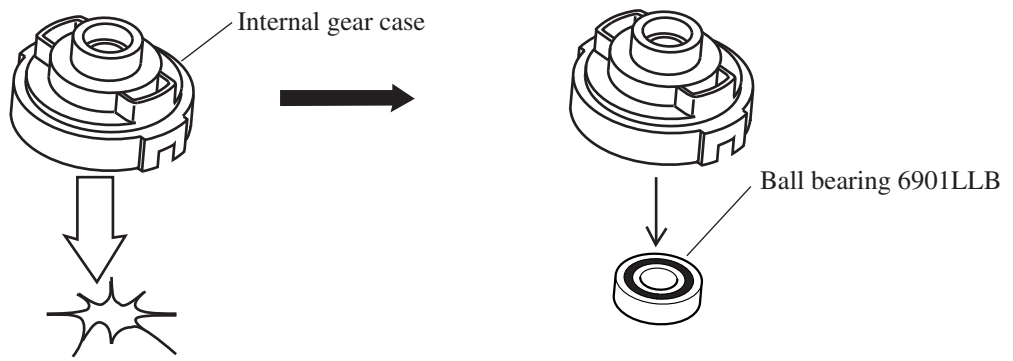


Fig. 2

< 3 > Removing ball bearing 6901LLB

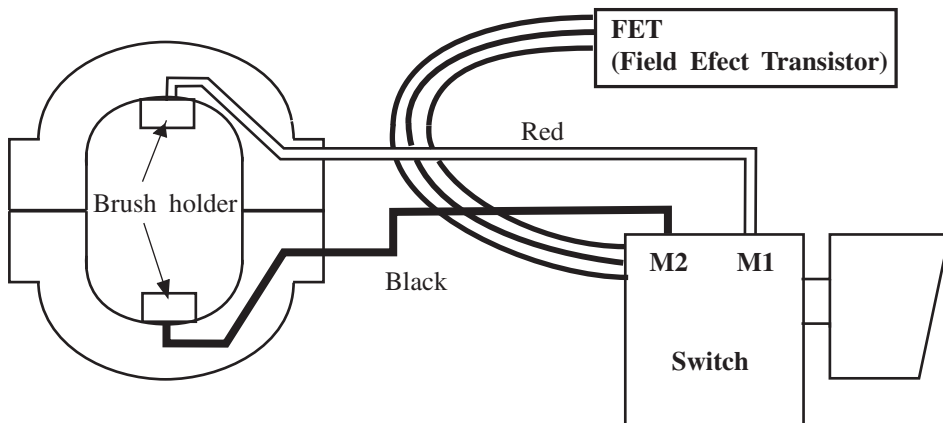


Give a shock by knocking internal gear case on the table.

Ball bearing 6901LLB can be removed from internal gear case by the shock.

Fig. 3

► **Circuit diagram**



▶ Wiring diagram

Pass the lead wires as illustrated in Fig.4.

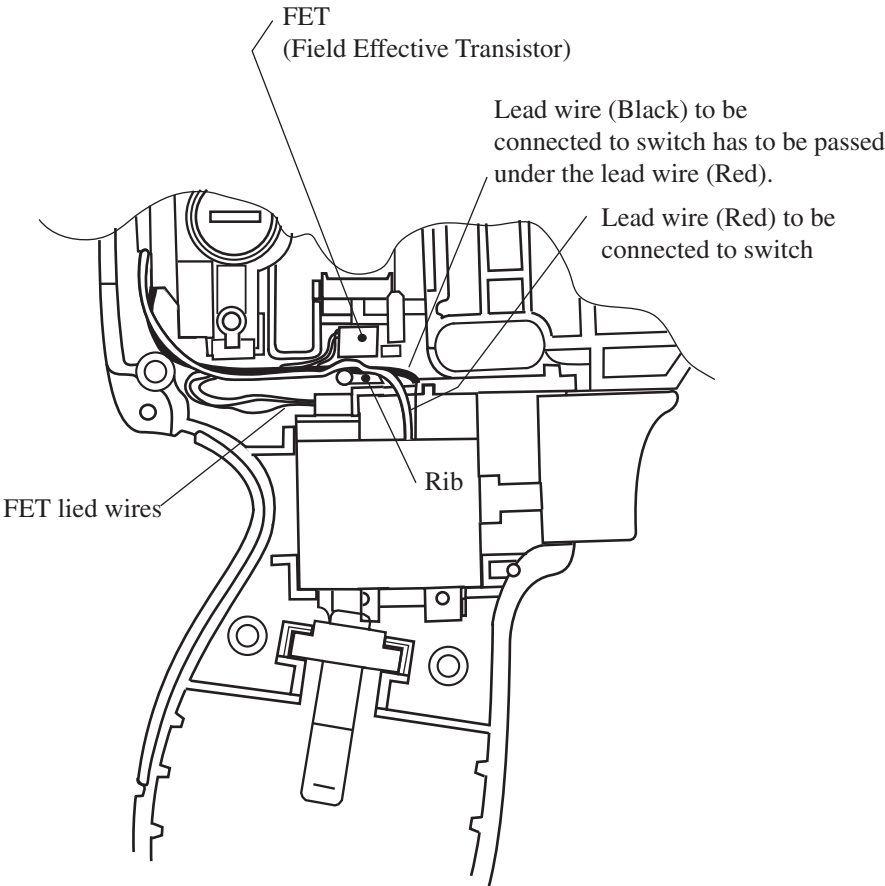


Fig.4