

T ECHNICAL INFORMATION

Makita

New Tool

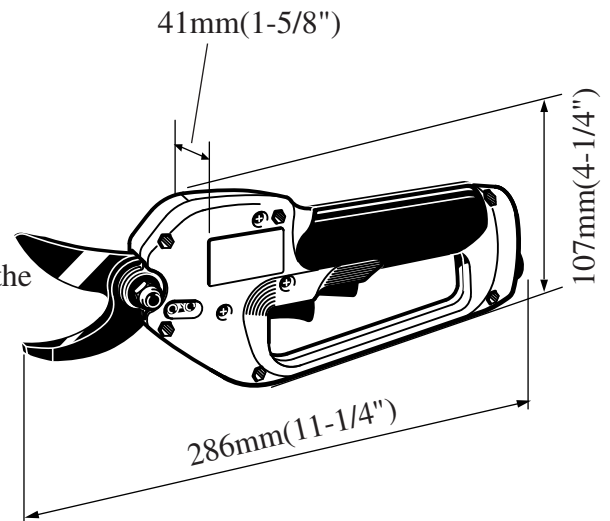
Models No. ▶ 4604D/4604DW

Description ▶ Battery-Powered Pruning Shear

CONCEPTION AND MAIN APPLICATIONS

Improved version of the existing Model 4603D/DW.
The brief benefits are as follows.

- * The high capacity battery and new type DC motor provide double working capacity in comparison with the existing models.
- * The scissors' action can be controlled by the switch trigger. Namely the scissors stay in the closed position, if the operator press the switch trigger on, and the scissors stop always in the open position, if the operator releases switch trigger.
- * Easy to replace the blades, without removing whole of machine.



The version of this model : 4604DW with controller C4600, charger DC4600 and battery 4600
4604D without the above items

▶ Specifications

DC Magnet Motor 24 V	
Max. Cutting Capacity	30 mm (1-3/16") in diameter
Charging time	1 hour
Net Weight	1.0 kg (2.2 lbs.)
Battery 4600	Ni Cd. 24V 3.0Ah

▶ Standard equipment (for 4604DW)

Battery 4600	Suspender	Shear blade (U)
Charger DC4600	Arm band	Plastic carrying case
Controller C4600	Holster	
Connection cord	Oil supply	
Battery support belt	Wrench assembly 3-13	

The standard equipment for the tools shown may differ from country to country.

▶ Optional accessories

Battery 4600	Shear Blade (L),
Connection cord	Diamond File 140-170
Shear Blade (U),	

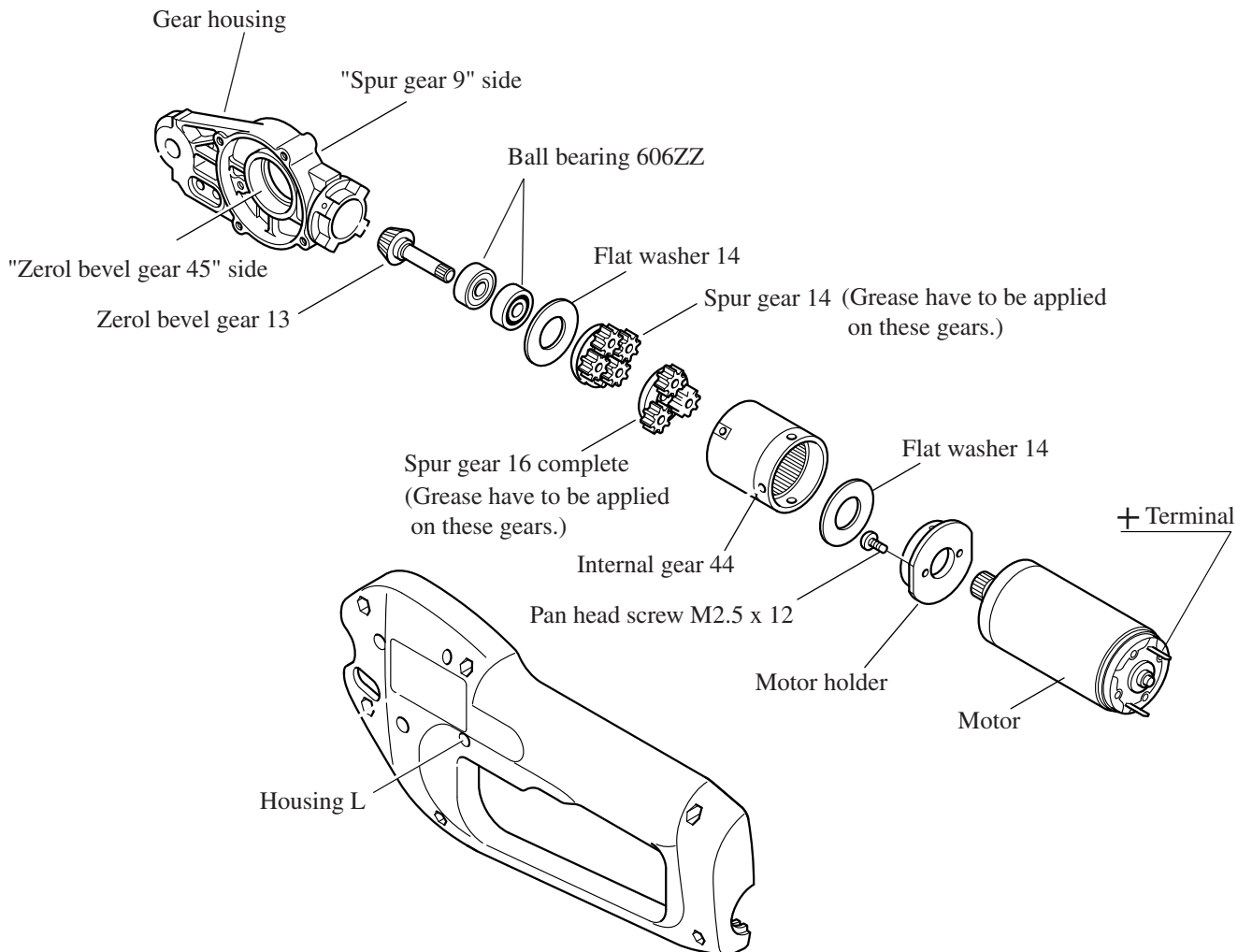
► Repair

< 1 > Apply Makita Grease No.2 to the following sections.

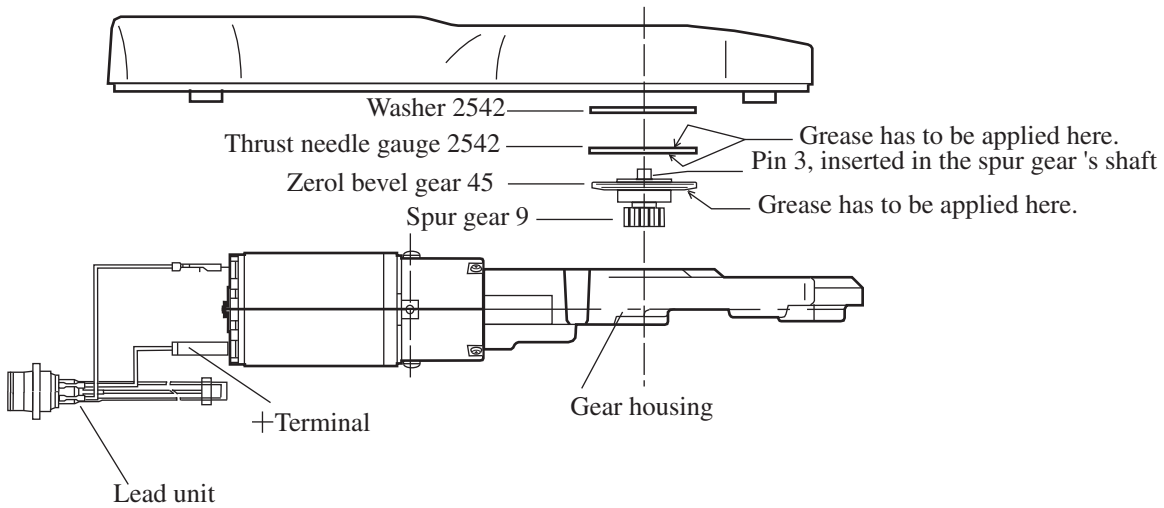
Parts' name	Volume to be applied
Spur gear 14 (Planet gears)	approx. 1.0 g
Zerol bevel gear 45	approx. 1.0 g
Thrust needle gauge 2542 (to both side)	approx. 1.0 g
Gear section of blade holder complete	approx. 0.6 g
Sliding section of shear blade (U)	approx. 0.2 g
Round bolt M8	approx. 0.2 g

< 2 > The spare parts have to be mounted as per the following illustration.

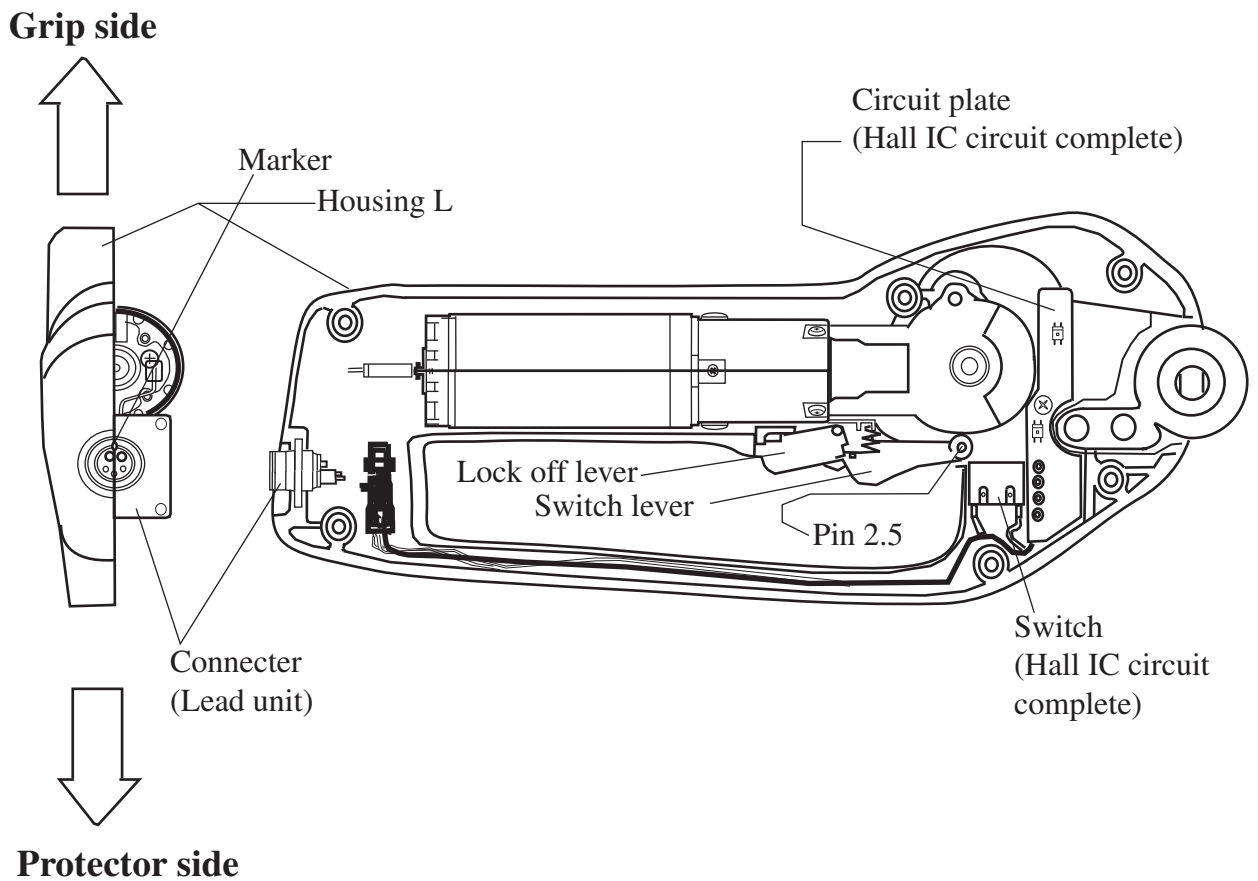
"Spur gear 9" side of the gear housing and " + terminal" side of the motor have to be faced to the same side as per the following illustration.



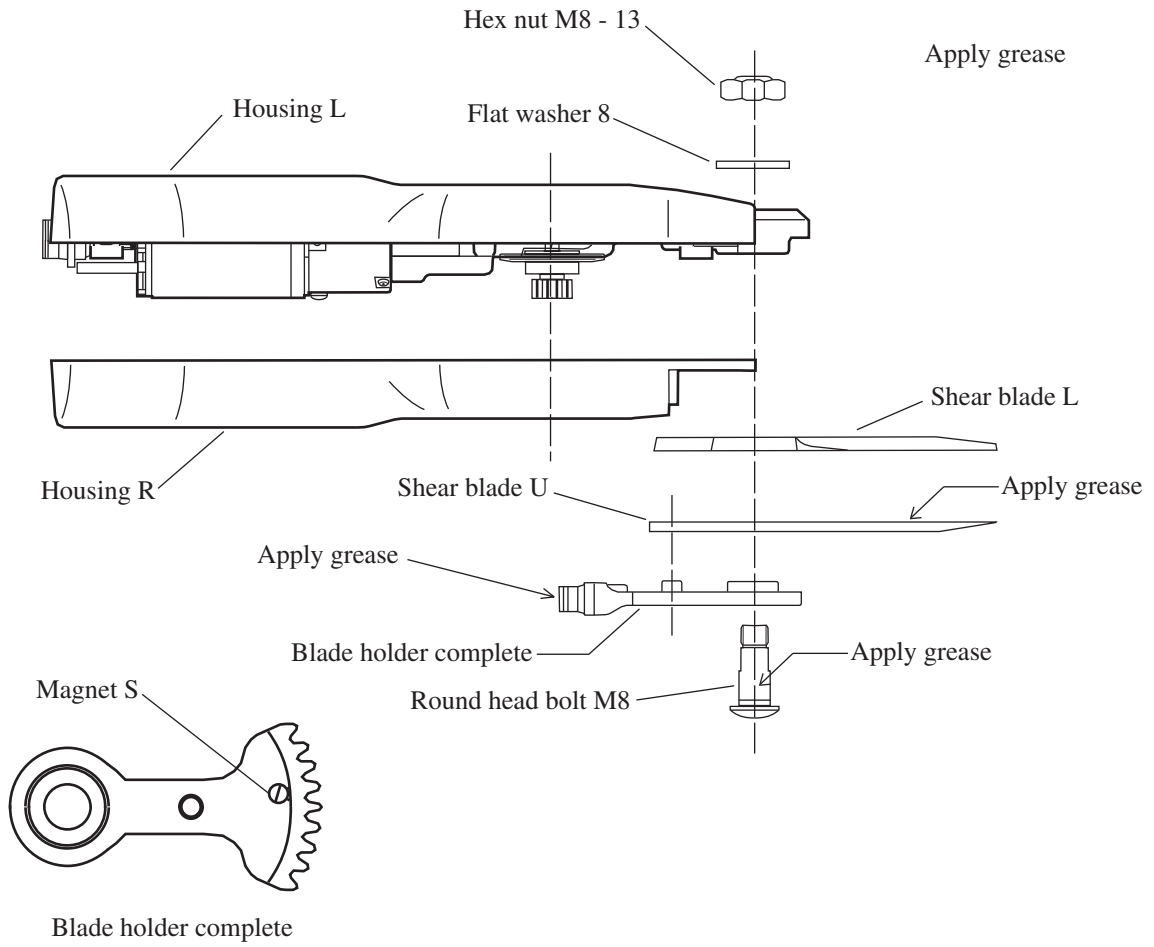
< 3 > +Terminal of motor and lead unit have to be connected before setting in the motor housing.



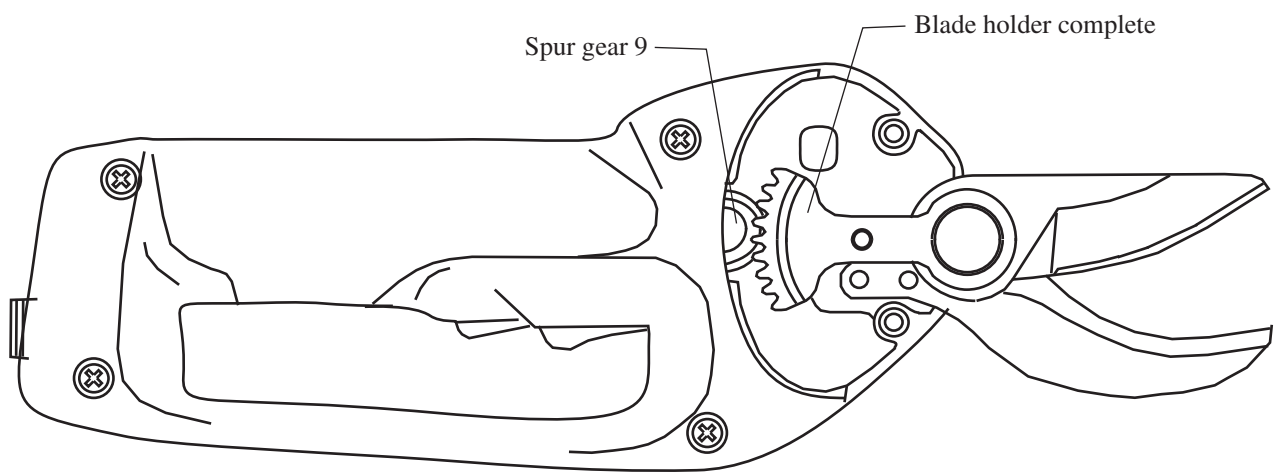
< 4 > Connect lead unit and hall IC circuit complete. And then set the spare parts in the housing L as per the following illustration. Connector's marker have to be faced to grip side.



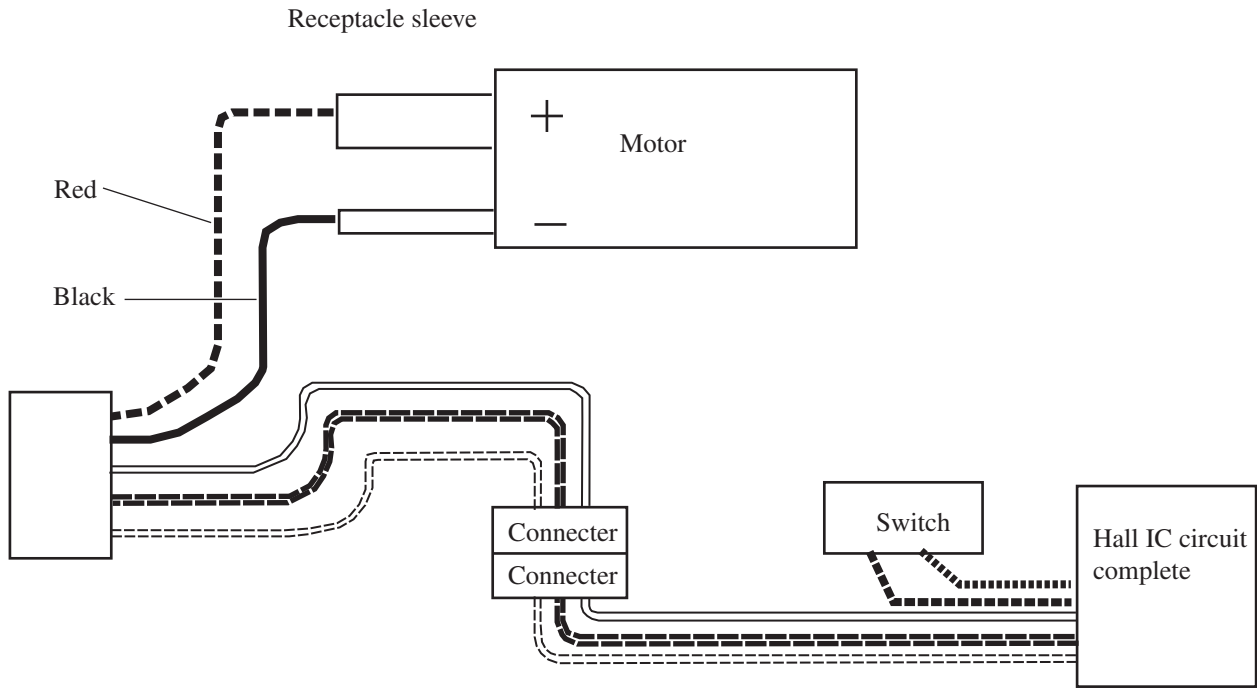
< 5 > Every parts have to be mounted as per the following illustration, making sure that there are no alien elements on the magnet of the blade holder.



< 6 > Mount blade holder complete and shear blade U, interlocking the gear section of blade holder complete with spur gear 9 each other. Spontaneous about the setting angle of the blade at this time.



► **Circuit Diagram**



Circuit plate
(Hall IC circuit complete)

