

T ECHNICAL INFORMATION



PRODUCT

Models No. ▶ 6260D

Description ▶ Cordless Driver Drill

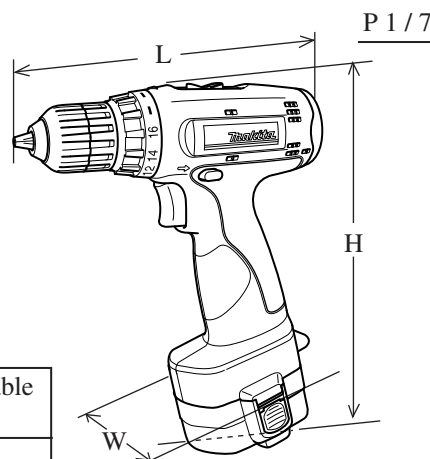
CONCEPT AND MAIN APPLICATIONS

Model 6260D has been launched with the following features.

- *Easy operation with well-balanced design
- *Higher power than the current Model 6226D
- *Compact design with an overall length of only 192mm (7-9/16")

This new product is available in the following variations.

Model No.	Battery	Charger	Rechargeable flashlight
6260DWAE	Ni-Cd Battery 9122 (9.6V, 2.0Ah): 2 pcs	DC1414: 1 pc	without
6260DWD	Ni-MH Battery 9134 (9.6V, 2.6Ah): 1 pc		
6260DWPE	Ni-Cd Battery PA09 (9.6V, 1.3Ah): 2 pcs		
6260DWPE3	Ni-Cd Battery PA09 (9.6V, 1.3Ah): 3 pcs		
6260DWPLE	Ni-Cd Battery PA09 (9.6V, 1.3Ah): 2 pcs		ML903: 1 pc



Dimensions: mm (")	
Length (L)	192 (7-9/16)
Width (W)	77 (3)
Height (H)	239 (9-3/8)

Note: All of the above models come with the items listed below in the "Standard equipment" in addition to the items listed above.

► Specification

Battery	Voltage: V	9.6		
	Cell	Ni-Cd	Ni-Cd	Ni-MH
	Capacity	1.3 Ah (Battery PA09)	2.0 Ah (Battery 9122)	2.6 Ah (Battery 9134)
No load speed: (min -1= rpm)		High: 0 - 1,200, Low: 0 - 350		
Chuck capacity: mm (")		0.8 (1/32) - 10 (3/8)		
Drilling capacity	Steel	10 (3/8)		
	Wood	21 (13/16)		
Max fastening torque: N.m	Hard joint	24		
	Soft joint	14		
Electric brake		Yes		
Variable switch		Yes		
Reverse switch		Yes		
Net weight: kg (lbs)		1.4 (3.1)		

► Standard equipment

Model No.	6260DWAE	6260DWD	6260DWPE	6260DWPE3	6260DWPLE
Philips bit 2-65	1	1	1	1	1
Battery cover	2	1	2	3	2
Plastic carrying case	Yes	Yes	Yes	Yes	Yes

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

► Optional accessories

- *Battery 9120
- *Battery PA09
- *Battery 9122
- *Battery 9134
- *Battery 9135
- *Battery 9135A
- *Charger DC1414
- *Charger DC1804
- *Charger DC1439
- *Automotive charger DC1422
- *Automotive charger DC1822
- *Assorted drill bits for wood
- *Assorted drill bits for steel
- *Assorted driver bits

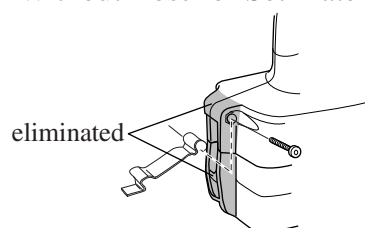
► Features and benefits

Compact Design with an Overall Length of 192mm (7-9/16")

Shorter than Model 6226D
by 18mm (11/16")

Keyless Drill Chuck of
Makita original design

New Battery PA09
Without Boss for Set Plate



"Set plate type" batteries
cannot be installed on
this machine.

Extremely Durable Gear Assembly

*Metal-made planet and pinion gears for
increased transmission durability
*Gear case completely covers the gear
reduction portion for more improved
anti-dust construction.

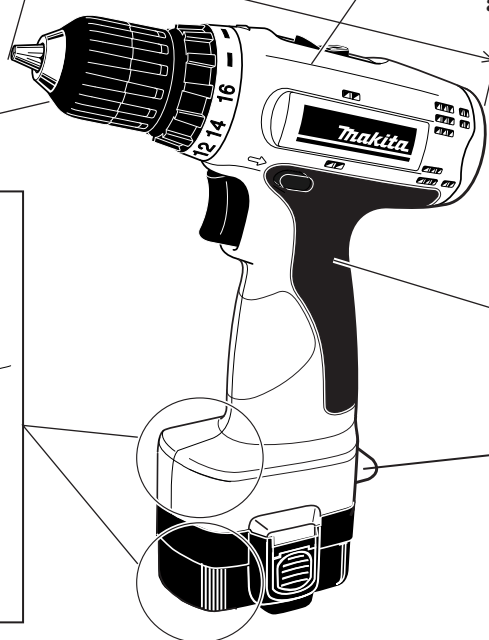
Increased Output Power for More Efficient Operation

10% higher than Model 6226D

Ergonomically Designed Soft
Grip for Comfortable Operation

Hand strap can be attached.

Light Weight of 1.4kg (3.1lbs) for Reduced Operator Fatigue



► Comparison of products

							North America	Europe	
Model No. Specifications		Makita					A	B	
		6260D			6226D		A	B	
Battery	Voltage: V		9.6			9.6		9.6	9.6
	Cell		Ni-Cd	Ni-Cd	Ni-MH	Ni-Cd	Ni-MH	Ni-Cd	Ni-Cd
	Capacity: Ah		1.3	2.0	2.6	1.3	2.6	1.3	1.3
No load speed	High: min-1= rpm		0 - 1,200			0 - 1,100		0 - 1,100	0 - 1,100
	Low: min-1= rpm		0 - 350			0 - 350		0 - 300	0 - 300
Max. fastening torque: N.m		Hard joint		24		23		23 (200in.lbs)	24
		Soft joint		14		12			15
Keyless drill chuck			Dual sleeve			Dual sleeve		Dual sleeve	Single sleeve
Chuck capacity: mm (")			10 (3/8)			10 (3/8)		10 (3/8)	1.5 (1/16) - 10 (3/8)
Drilling capacity		Steel: mm (")		10 (3/8)		10 (3/8)		10 (3/8)	10 (3/8)
		Wood: mm (")		21 (13/16)		21 (13/16)		25 (1)	20 (13/16)
Torque setting			16 stage + drill mode			16 stage + drill mode		16 stage + drill mode	15 stage + drill mode
Dimensions	Length: mm (")		192 (7-9/16)			210 (8-1/4)		213 (8-3/8)	228 (9)
	Width: mm (")		77 (3)			77 (3)		82 (3-1/4)	80 (3-1/8)
	Height: mm (")		239 (9-3/8)			235 (9-1/4)		220 (8-5/8)	249 (9-3/4)
Net weight: kg (lbs)			1.4 (3.1)			1.4 (3.1)		1.5 (3.3)	1.5 (3.3)
Soft grip			Yes			No		No	Yes
Bit holder			No			No		Yes	Yes

► Comparison of products

Numbers in chart below are relative values when the capacities of Model 6226D 'are indexed at 100.

Note: The test results depend to a great extent on the hardness of the material, etc.

Comparison in Drill Mode

Test 1

Conditions;

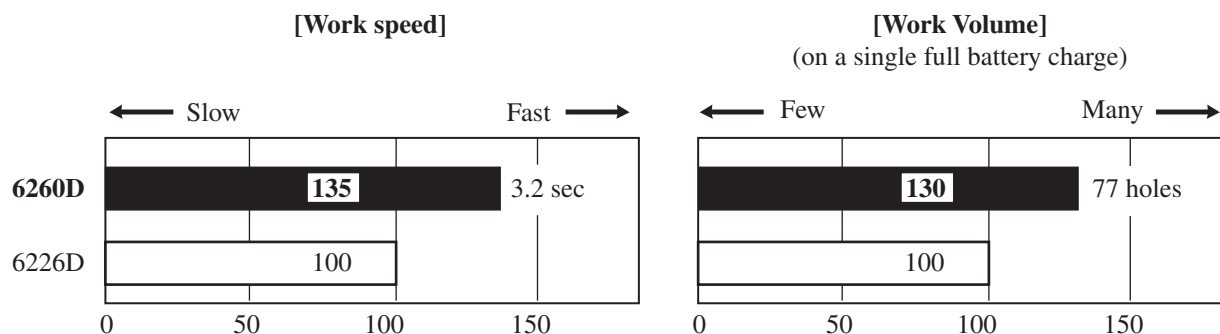
*Material: Lauan (wood)

*Thickness of the material: 60mm

*Drill bit: ø9mm Auger bit

*Battery: 9.6V, 1.3Ah

*Speed mode: High



Test 2

Conditions;

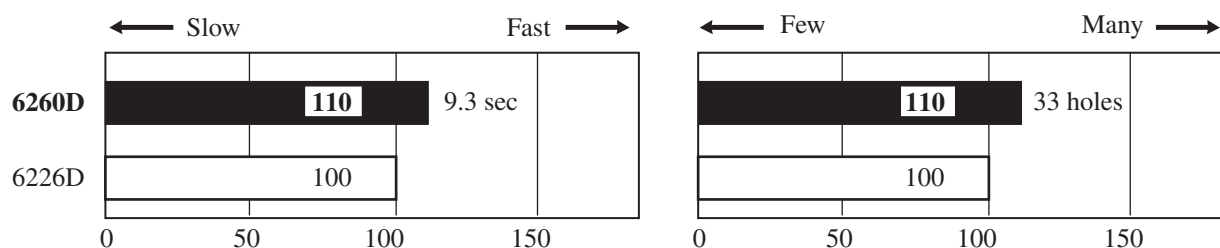
*Material: Lauan (wood)

*Thickness of the material: 60mm

*Drill bit: ø18mm Auger bit

*Battery: 9.6V, 1.3Ah

*Speed mode: Low



Comparison in Screwdriver Mode

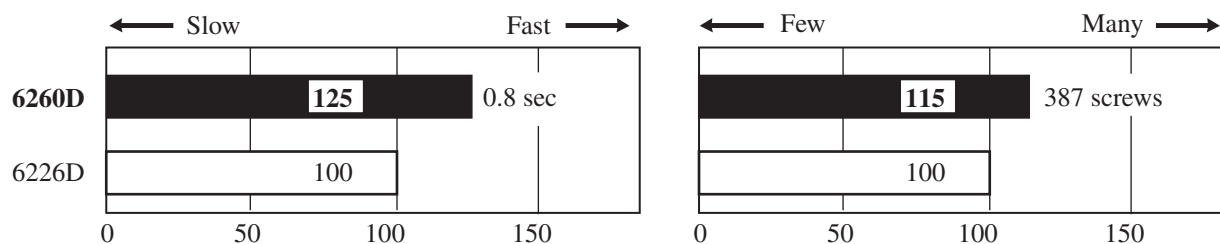
Conditions;

*Material: Lauan (wood)

*Screw: ø3.5 x 22

*Battery: 9.6V, 1.3Ah

*Speed mode: High



► Repair

[1] Removal/Installation of Drill Chuck

When replacing Gear assembly, remove drill chuck beforehand as described below.
(It is not necessary to remove Drill chuck when disassembling Housing only.)

REMOVAL

- 1) After fully opening Chuck jaws, remove the chuck screw (M6x22 (-) Flat head screw) by turning it clockwise.
If it is difficult to remove, use a Makita Impact wrench.
- 2) Slide Speed change lever to the position of "Low", and turn Change ring to "Drill mode".
And then secure one end of a hex wrench with Chuck jaws. Hold the machine firmly, and then remove Drill chuck by hitting the other end of the hex wrench using plastic hammer to turn Drill chuck counterclockwise. (**Fig. 1**)

INSTALLATION

- 1) Secure one end of a hex wrench with Chuck jaws, and the other with vise.
Shift Speed change lever to "Low", and set the machine in the mode of drilling in forward rotation. Hold the grip of the machine firmly so that your hand cannot be pulled away by reaction torque. And then fasten Spindle to Drill chuck by pulling the trigger of Switch until Spindle is locked. (**Fig. 2**)
Note: Release the trigger of Switch just after Spindle is locked. Do not keep on pulling the trigger for longer than one second.
- 2) Fasten Drill chuck to Spindle with the chuck screw (M6x22 (-) Flat head screw) by turning it counterclockwise.

Fig. 1

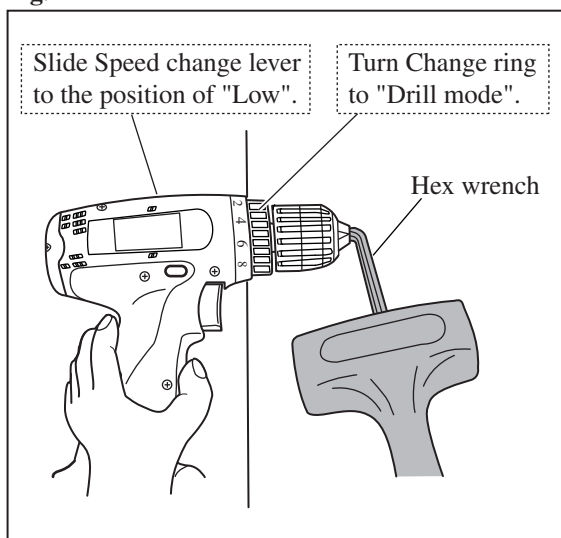
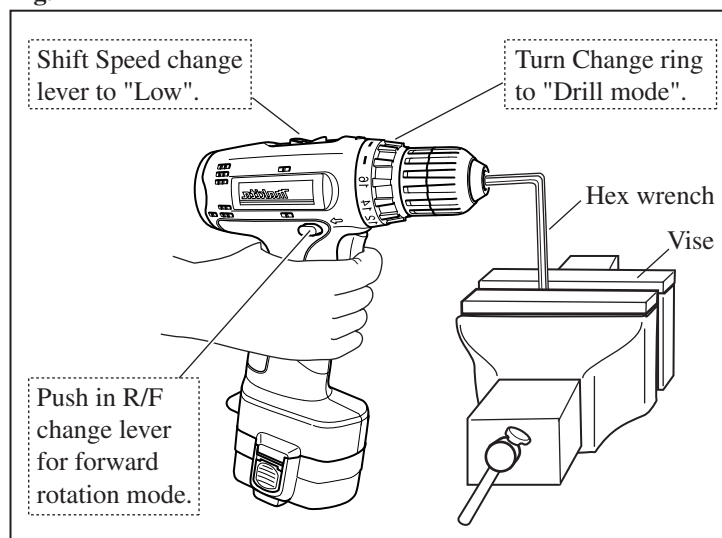


Fig. 2



[2] Removal/Installation of Motor from/on Gear Assembly

REMOVAL

- 1) Pull Motor out of Gear assembly while turning it in the counterclockwise direction when viewed from the terminal end of Motor. (**Fig. 3**)
- 2) Remove Motor bracket from Motor by removing two Pan head screws. Now Motor can be replaced (**Fig. 4**)

Fig. 3

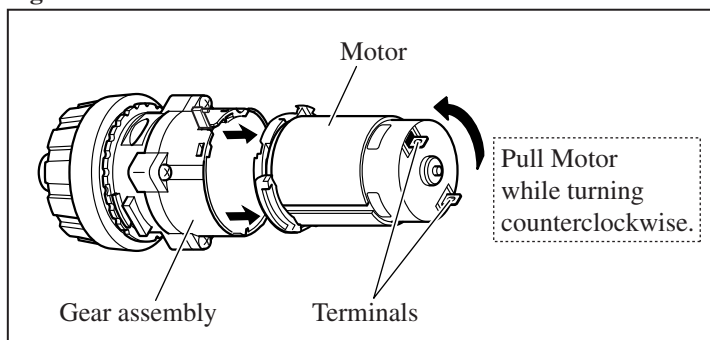
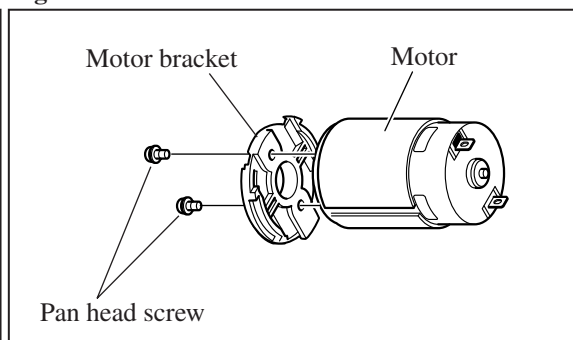


Fig. 4



► Repair

[2] Removal/Installation of Motor from/on Gear Assembly

INSTALLATION

- 1) Place Motor bracket as illustrated in **Fig. 5**, and fasten it to Motor with two Pan head screws.
- 2) Aligning the protrusions on Motor bracket with the grooves in Gear assembly, assemble Motor to Gear assembly. (**Fig. 6**)
- 3) Assemble Motor to Gear assembly while turning it in the clockwise direction when viewed from the terminal end of Motor. (**Fig. 7**)

Fig. 5

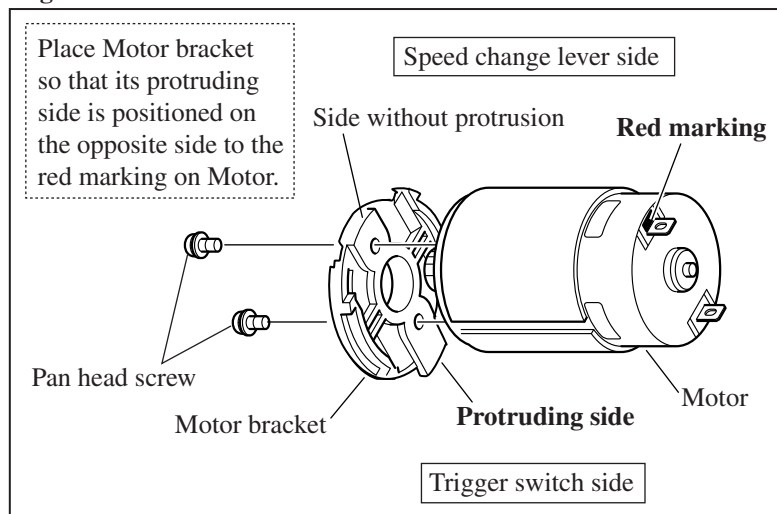


Fig. 6

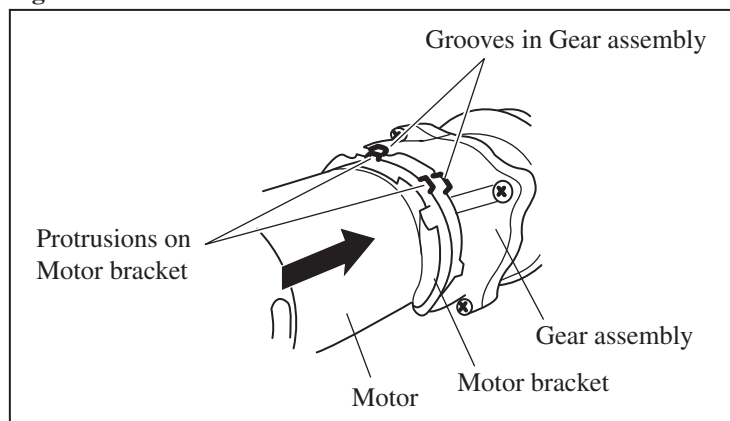
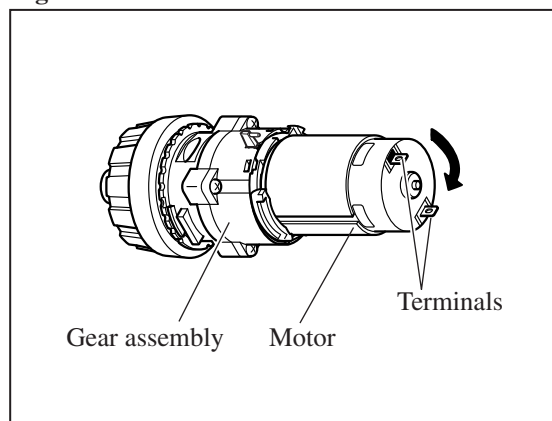


Fig. 7



[3] Installing Speed change Lever

- 1) Make sure that two Compression springs are set in place on Speed change lever as illustrated in **Fig. 8**.
- 2) Install Speed change lever onto the protrusion on Gear assembly as illustrated in **Fig. 9**.
After installation, slide Speed change lever to either side. (**Fig. 10**)

Fig. 8

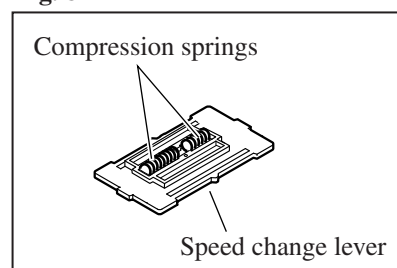


Fig. 9

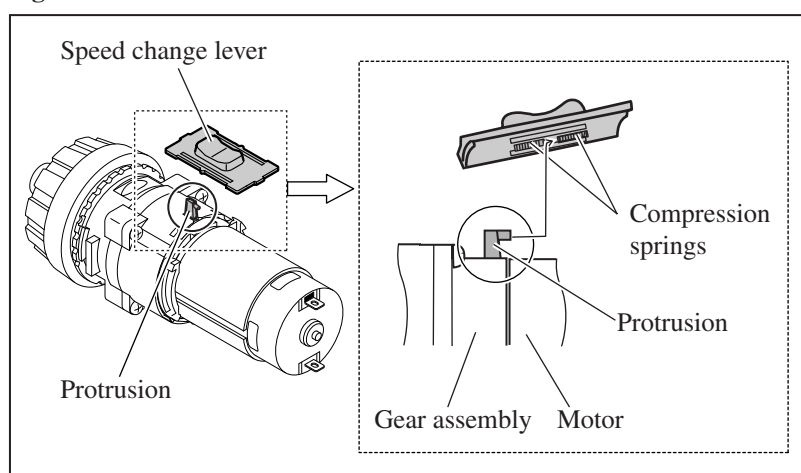
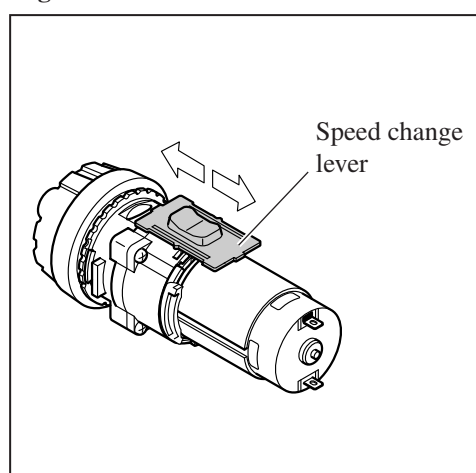


Fig. 10

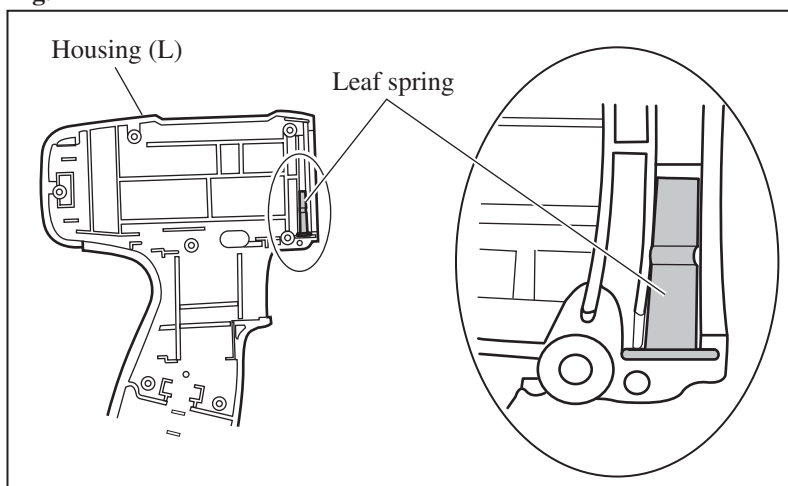


► Repair

[5] Installing Leaf spring Onto Housing (L)

Before installation of inner electrical parts, remember to set Leaf spring in place on housing (L) as illustrated in **Fig. 11**.

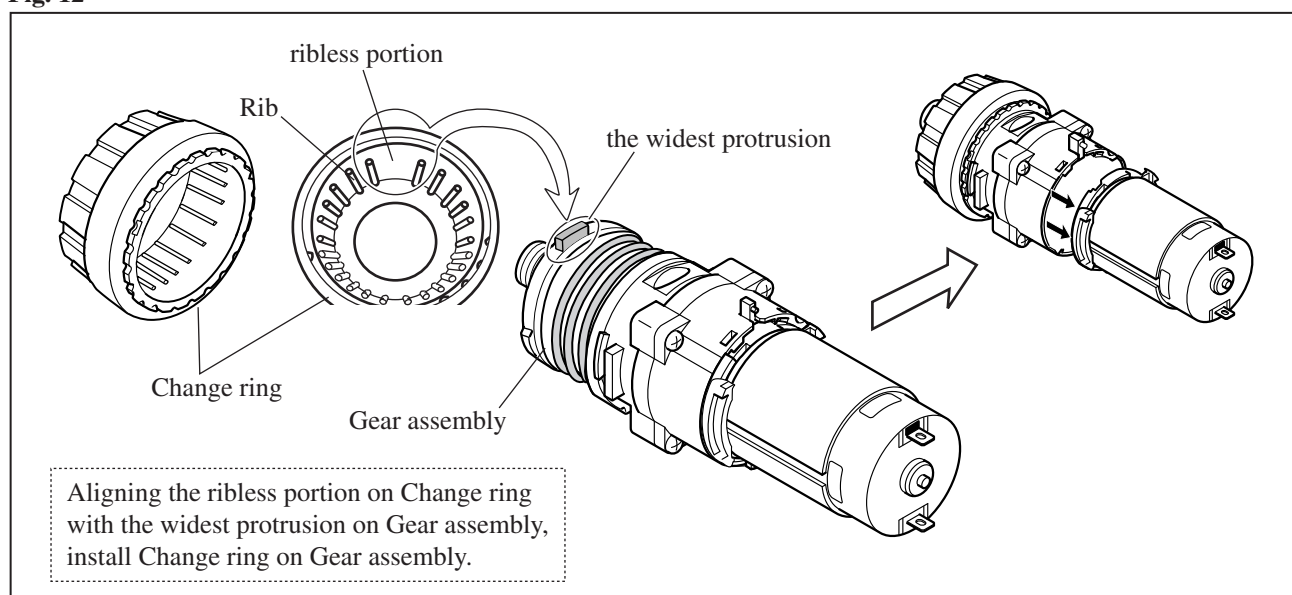
Fig. 11



[6] Installing Change Ring on Gear Assembly

Install Change ring on Gear assembly as illustrated in **Fig. 12**.

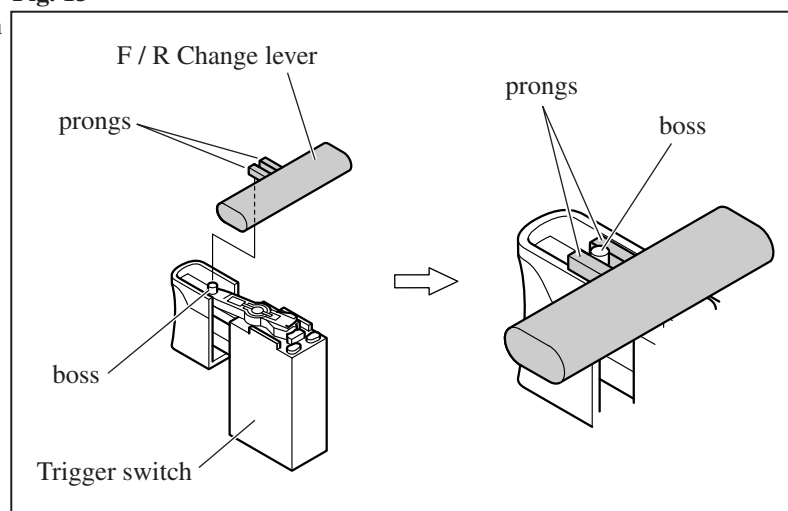
Fig. 12



[6] Installing F/R Change Lever

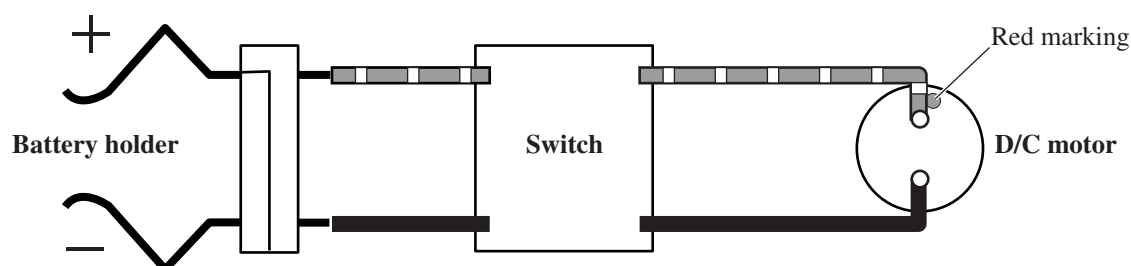
Install F/R change lever onto Trigger switch by placing the boss on Trigger switch between the prongs on F/R change lever as illustrated in **Fig. 13**.

Fig. 13



► Circuit diagram

Color index of lead wires' sheath	
Black	
Red	



► Wiring diagram

[1] Connecting Lead Wires with Motor

Connect the lead wires with the terminals on Motor so that they are placed on the side of Housing (L). (**Fig. 14**)

[2] Wiring in Housing

Route lead wires as illustrated in **Fig. 15**.

[3] Connecting Lead Wires with Battery Holder

Connect lead wires with the terminals on Battery holder as illustrated in **Fig. 16**.

Fig. 14

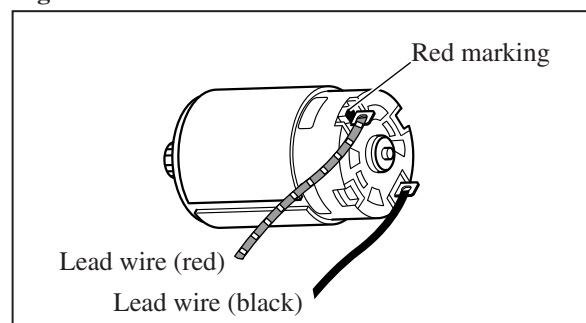


Fig. 15

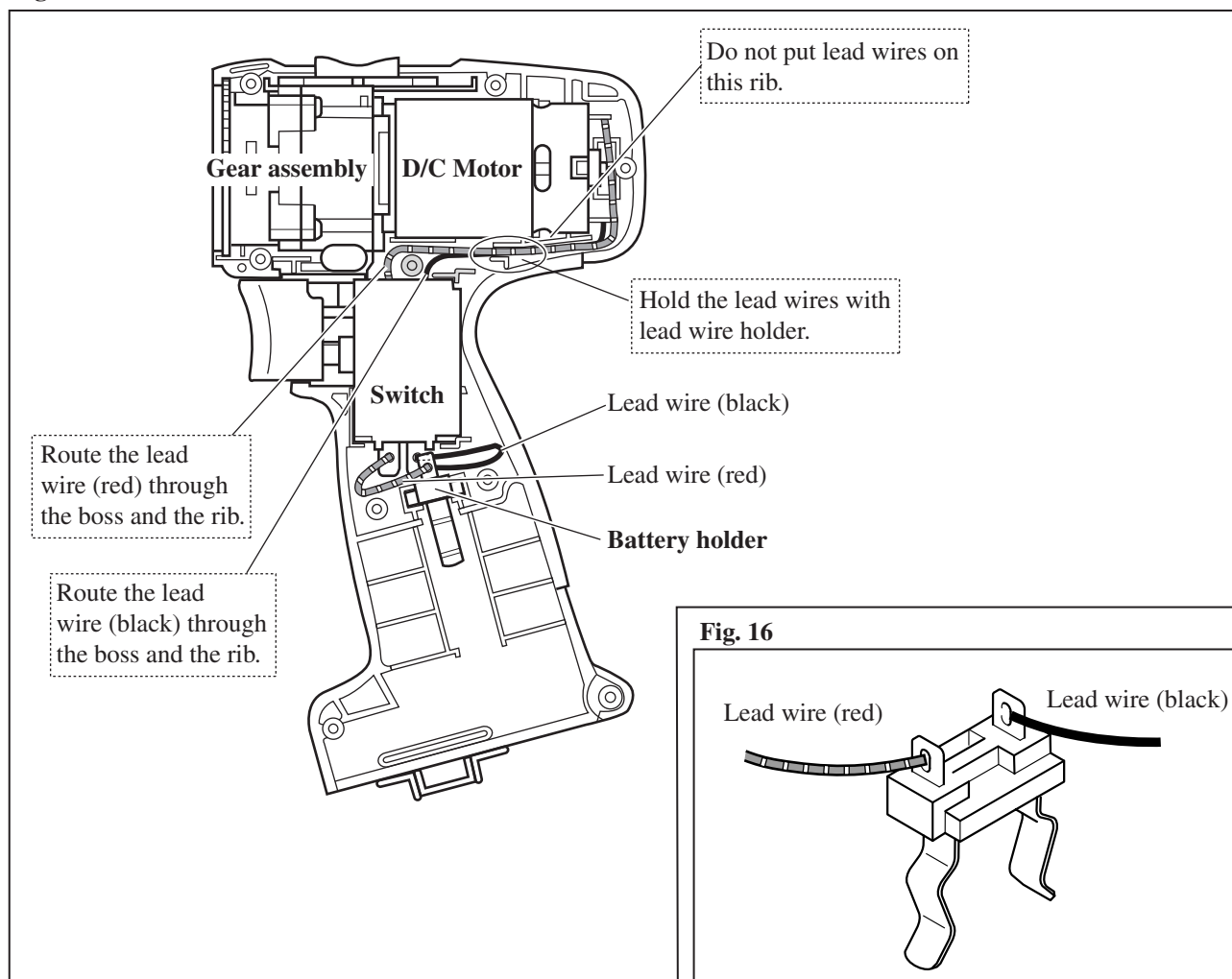


Fig. 16

