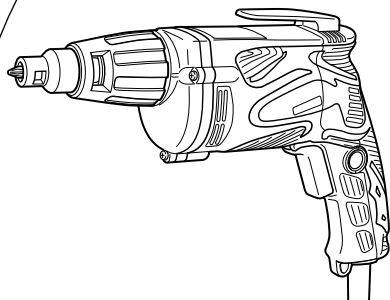




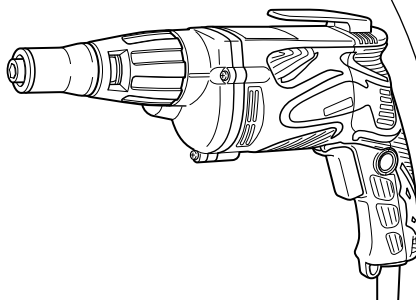
Screw Driver

**Model W 6VM · W 6V4 · W 6VA4
W 6VB3 · W 8VB2**

Handling instructions



W6VM · W6V4 · W6VA4



W6VB3 · W8VB2

Note:

Before using this Electric Power Tool, carefully read through these HANDLING INSTRUCTIONS to ensure efficient, safe operation. It is recommended that these INSTRUCTIONS be kept readily available as an important reference when using this power tool.



GENERAL POWER TOOL SAFETY WARNINGS

WARNING

Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.**
Cluttered or dark areas invite accidents.
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**
Power tools create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a power tool.**
Distractions can cause you to lose control.

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.**
Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.**
There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose power tools to rain or wet conditions.**
Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.**
Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.**
Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.**
Use of an RCD reduces the risk of electric shock.

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.**
A moment of inattention while operating power tools may result in serious personal injury.
- b) **Use personal protective equipment. Always wear eye protection.**
Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.**

Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

- d) **Remove any adjusting key or wrench before turning the power tool on.**
A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.**
This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.**
Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.**
Use of dust collection can reduce dust related hazards.

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.**
The correct power tool will do the job better and safer at the rate for which it was designed.
- b) **Do not use the power tool if the switch does not turn it on and off.**
Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.**
Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.**
Power tools are dangerous in the hands of untrained users.
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation.**
If damaged, have the power tool repaired before use.
Many accidents are caused by poorly maintained power tools.
- f) **Keep cutting tools sharp and clean.**
Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.**
Use of the power tool for operations different from those intended could result in a hazardous situation.

5) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.**
This will ensure that the safety of the power tool is maintained.

PRECAUTION

Keep children and infirm persons away.

When not in use, tools should be stored out of reach of children and infirm persons.

SCREWDRIVER SAFETY WARNINGS

Hold power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring or its own cord.

Fasteners contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

SPECIFICATIONS

Model	W6VM	W6V4	W6VA4	W6VB3	W8VB2
Voltage (by areas)*	(110V, 115V, 120V, 127V, 220V, 230V, 240V) ~				
Power input	620 W				
No-load speed	0 – 6000/min	0 – 4500/min	0 – 3000/min	0 – 2600/min	0 – 1700/min
Capacities	6 mm				8 mm
Bit shank size	6.35 mm Hex.				
Weight (without cord)	1.4 kg			1.5 kg	

* Be sure to check the nameplate on product as it is subject to change by areas.

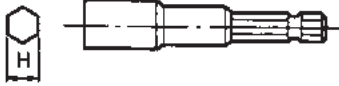
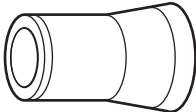
STANDARD ACCESSORIES

- (1) No. 2 Plus bit 1 (W6VM, W6V4, W6VA4)















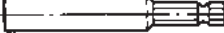
(2) Magnetic hex socket (H= 10 mm) ..1 (W6VB3, W8VB2)
- Standard accessories are subject to change without notice.

OPTIONAL ACCESSORIES (sold separately)

1. For hex-head screws

Hex-socket		Sub-Stopper (B)
		
Magnetic type	Non magnetic type	
H = 6.35 mm	H = 6.35 mm	H 1/4
H = 7.94 mm	H = 7.94 mm	H 5/16
H = 9.53 mm	H = 9.53 mm	H 3/8
H = 10 mm	H = 10 mm	

2. For other screws

Screw head	Bit type		Bit holder	Sub-Stopper
		No.1	 Magnetic bit holder (Short type)	 Sub-Stopper (G)
		No.2		
		No.3		
		No.1	 Magnetic bit holder	 Sub-Stopper (F)
		No.2		
		No.3		
 B		B Size 4 mm 5 mm	 Non-magnetic bit holder	

3. Plastic case



APPLICATIONS

- Tightening hex-head screws.
- Tightening drywall screws, wood screws and self-drilling screws.

PRIOR TO OPERATION

1. Power source

Ensure that the power source to be utilized conforms to the power requirements specified on the product nameplate.

2. Power switch

Ensure that the power switch is in the OFF position. If the plug is connected to a power receptacle while the power switch is in the ON position, the power tool will start operating immediately, which could cause a serious accident.

3. Extension cord

When the work area is removed from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.

4. Confirm the direction of bit rotation (Fig. 1)

The bit rotates clockwise (viewed from the rear side) when the reversing switch lever is set to the "R" side position. When the lever is set to the "L" side position, the bit rotates counterclockwise and can be used to loosen and remove screws.

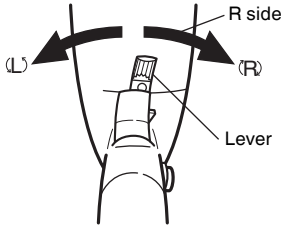


Fig. 1

5. Adjusting the tightening depth (Fig. 2)

The tightening depth can be adjusted by turning locator right and left click feeling.

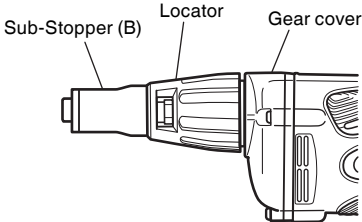


Fig. 2

(1) For hex-head screws:

Mount a hex-head screw on the hex-socket and set the distance between the sub-stopper end and the screw head neck to 1–1.5 mm, as shown in Fig. 3.

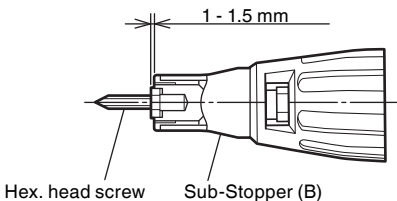


Fig. 3

(2) For drywall screws:

Mount a drywall screw on the bit, and set the distance between the sub-stopper end and the screw head to 1.5–2 mm, as shown in Fig. 4.

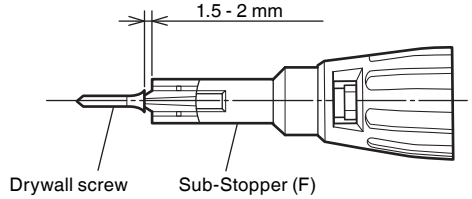


Fig. 4

(3) For cross-recessed self-drilling screws:

Mount a self-drilling screw on the bit, and set the distance between the sub-stopper end and the screw head bottom to 1–1.5 mm, as shown in Fig. 5.

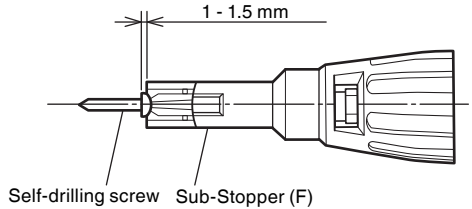


Fig. 5

6. Mounting the bit

For details, refer to the item "Mounting and dismounting the bit".

7. RCD

The use of a residual current device with a rated residual current of 30 mA or less at all times is recommended.

MOUNTING AND DISMOUNTING THE HEX-SOCKET OR THE BIT

1. Dismounting the hex-socket (Fig. 6)

- (1) While rotating the Sub-Stopper pull it out from the locator.
- (2) Remove the hex-socket, hold it with the opposite side of bit by hand or vise and pull out the bit with pliers.

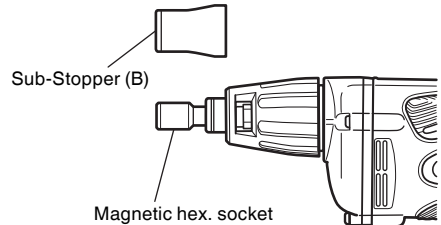


Fig. 6

2. Dismounting the bit (Fig. 7)

Remove sub-stopper (G) as the same manner of hex-head socket and remove the bit holder, then pull out the bit with pliers.

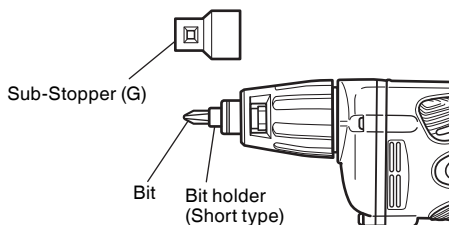


Fig. 7

3. Dismounting the bit (Fig. 8)

Remove the sub-stopper (F) as the same manner of hex-head socket and remove the bit holder, then pull out the bit with pliers.

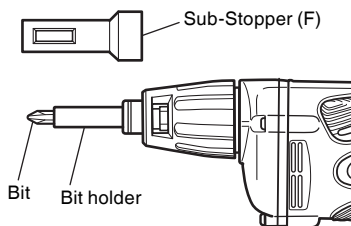


Fig. 8

4. Mounting the hex-socket or the bit

Install the bit in the reverse order to removal.

HOW TO USE THE SCREW DRIVER

1. Switch operation and rotational speed adjustment

Bit rotational speed can be adjusted between 0 – 6000/min (W6VM) or 0 – 4500/min (W6V4) or 0 – 3000/min (W6VA4) or 0 – 2600/min (W6VB3) or 0 – 1700/min (W8VB2) varying the degree by which the trigger switch is pulled. Rotational speed increases as the trigger switch is pulled, and reaches a maximum speed of 6000/min (W6VM) or 4500/min (W6V4) or 3000/min (W6VA4) or 2600/min (W6VB3) or 1700/min (W8VB2) when the trigger switch is pulled fully.

To facilitate continuous operation, pull the trigger switch and depress the switch stopper. The switch will then remain ON even when the finger is released. By pulling the trigger switch again, the switch stopper disengages and the switch is turned OFF when the trigger switch is released.

2. Screw Driver operation

When the switch is turned ON, the motor starts to run but the hex-socket (or the bit) does not rotate. Attach the hex-socket to the screw head groove, and push the Screw Driver against the screw. The hex-socket then rotates and tightens the screw.

CAUTION

Ensure that the Screw Driver is held truly perpendicular to the head of the screw.

If held at an angle, the driving force will not be fully transferred to the screw, and the screw head and/or hex-socket will be damaged. Hex-socket rotation stops when pushing force is released.

3. Direction of hex-socket rotation

The hex-socket rotates clockwise (viewed from the rear side) when the reversing switch lever is set to the "R" side position. When the lever is set to the "L" side position, the hex-socket rotates counter-clockwise, and can be used to loosen and remove screws.

CAUTION

Never change the direction of hex-socket (or bit holder) rotation while the motor is running. To do so would seriously damage the motor. Turn the power switch OFF before changing the direction of hex-socket (or bit holder) rotation.

MAINTENANCE AND INSPECTION

1. Inspecting the hex-socket (or bit)

Since continued use of a worn hex-socket (bit) will damage screw heads, replace the hexsocket (bit) with a new one as soon as excessive wear is noticed.

2. Inspecting the mounting screws

Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately. Failure to do so could result in serious hazard.

3. Maintenance of the motor

The motor unit winding is the very "heart" of the power tool. Exercise due care to ensure the winding does not become damaged and/or wet with oil or water.

4. Inspecting the carbon brushes

For your continued safety and electrical shock protection, carbon brush inspection and replacement on this tool should ONLY be performed by a HiKOKI Authorized Service Center.

5. Replacing supply cord

If the supply cord of Tool is damaged, the Tool must be returned to HiKOKI Authorized Service Center for the cord to be replaced.

6. Service and repairs

All quality power tools will eventually require servicing or replacement of parts because of wear from normal use. To assure that only authorized replacement parts will be used, all service and repairs must be performed by a HiKOKI Authorized Service Center, ONLY.

CAUTION

- Be sure to follow the above assembly procedures exactly. Should be internal wiring contact the armature or become pinched between the handle cover and housing, a serious risk of electric shock to the operator would be created.
- Do not tamper with parts other than those necessary to effect carbon brush replacement.

7. Service parts list

- A: Item No.
- B: Code No.
- C: No. Used
- D: Remarks

CAUTION

Repair, modification and inspection of HiKOKI Power Tools must be carried out by a HiKOKI Authorized Service Center.

This Parts List will be helpful if presented with the tool to the HiKOKI Authorized Service Center when requesting repair or other maintenance.

In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.

MODIFICATION

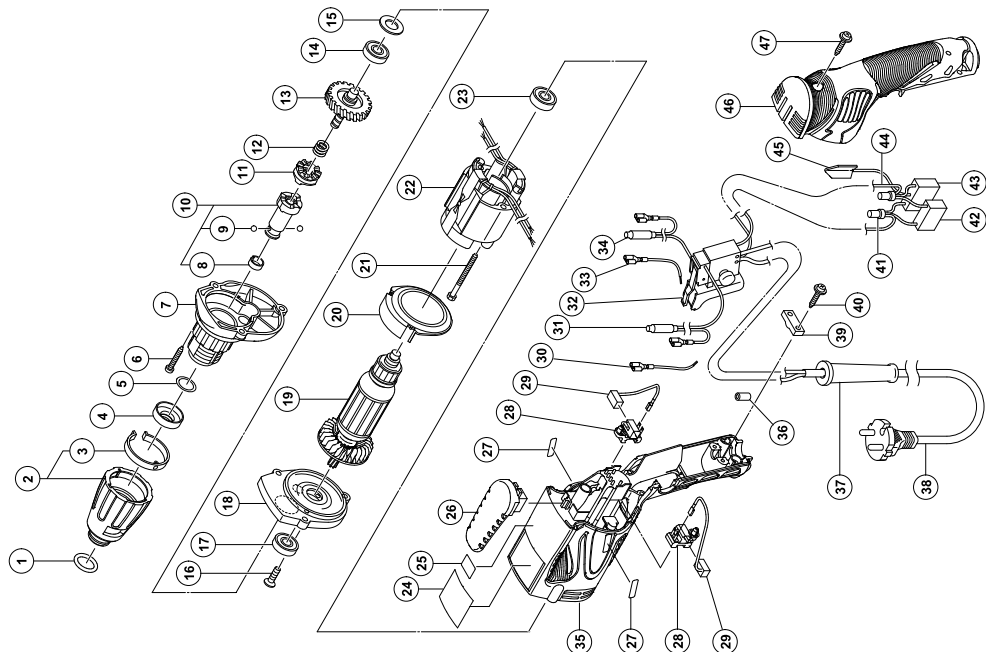
HiKOKI Power Tools are constantly being improved and modified to incorporate the latest technological advancements.

Accordingly, some parts (i.e. code numbers and/or design) may be changed without prior notice.

NOTE

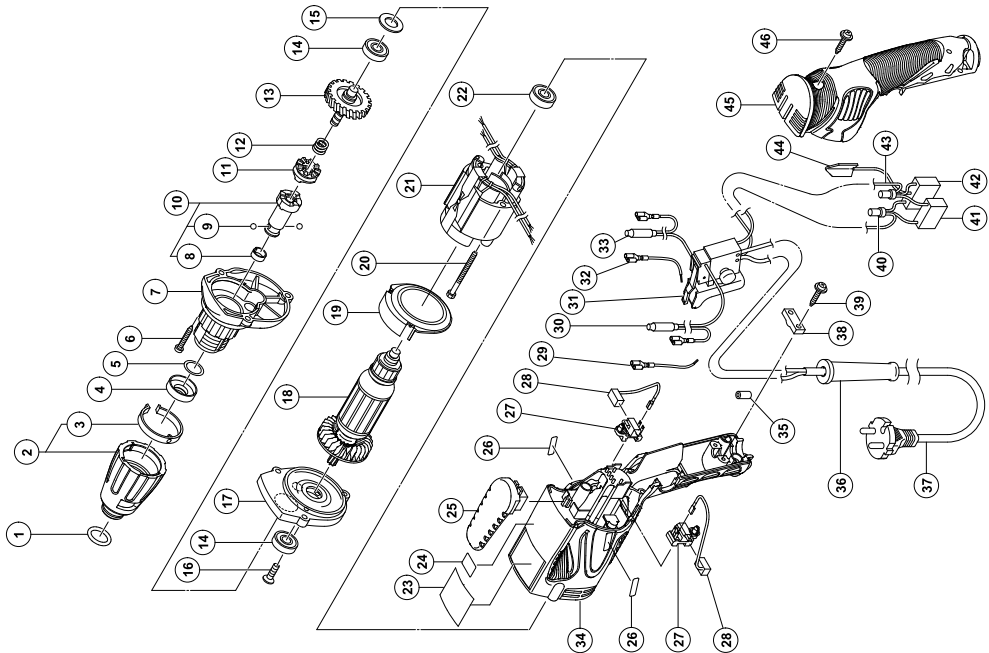
Due to HiKOKI's continuing program of research and development, the specifications herein are subject to change without prior notice.

W6VM



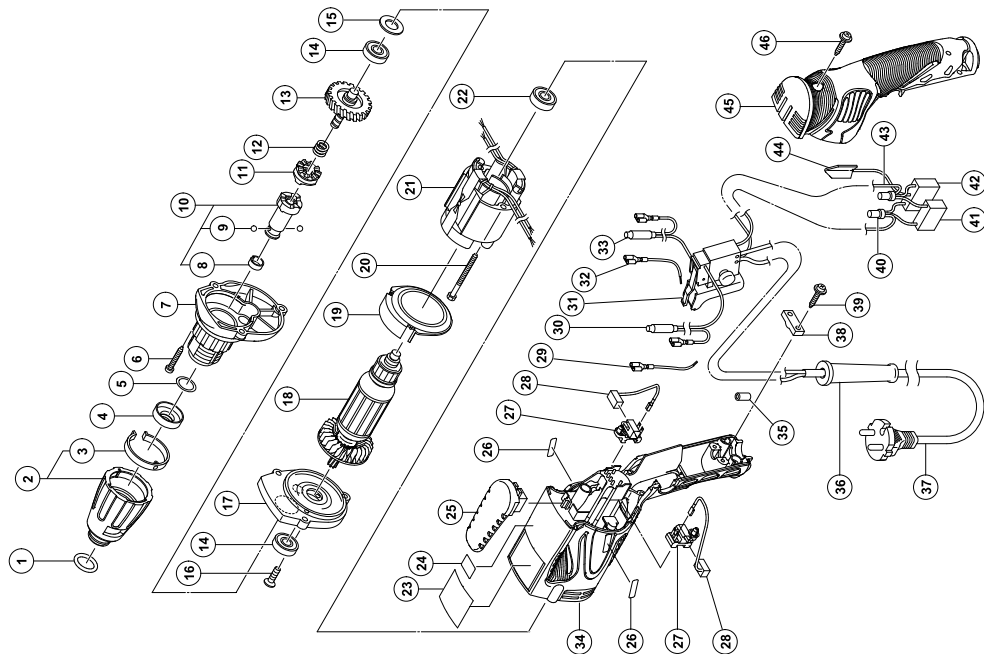
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36	876-031	1	S-16	36	981-373	2	
37	323-487	1	"3"	37	953-327	1	D8.8
38	323-488	1		38	-----	1	
4	971-468	1		39	937-631	1	
5	317-662	1		40	984-750	2	D4x16
6	321-057	3	D4x25	41	959-140	2	
7	323-486	1	"5"	42	930-039	1	
8	872-573	1		43	994-273	1	
9	959-148	2	D3.175	44	343-478	2	
10.1	323-491	1	"8, 9"	45	992-635	1	
10.2	323-492	1	"8, 9" "HKG, THA, TPE, KOR"	46	323-484	1	
11	323-476	1		47	301-653	3	D4x20
12	306-024	1					
13	323-504	1					
14	608-VVM	1	608VVMC2PS2L				
15	933-545	2					
16	301-936	2					
17	690-0VV	1	M4x10				
18	323-503	1	6900VVCMP2S2L				
19.1	360-676	1	"14-17"				
19.2	360-677U	1	110V-120V				
19.3	360-677E	1	120V "14, 23"				
19.4	360-677F	1	220V-230V				
20	323-472	1	240V				
21	961-672	2					
22.1	340-599C	1	D4x50				
22.2	340-599E	1	110V-120V				
22.3	340-599F	1	220V-230V				
23	608-VVM	1	240V				
24	-----	1	608VVC2PS2L				
25	-----	1					
26	323-471	1					
27	-----	1					
28	323-512	2					
29	999-091	2					
30	323-489	1					
31	323-480	1					
32	323-479	1					
33	323-490	1					
34	323-481	1					
35	323-483	1					

W6V4



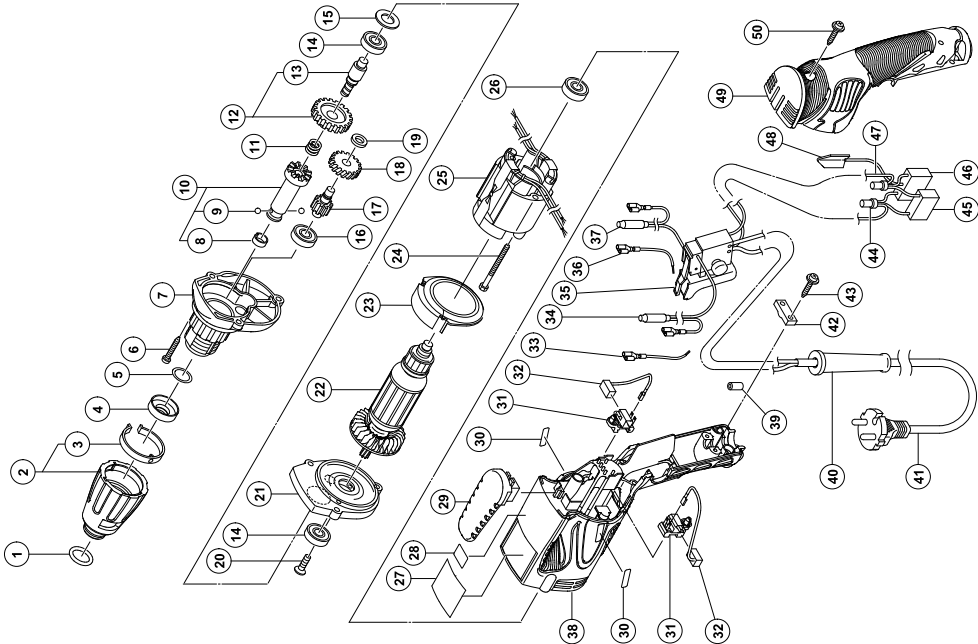
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3	323-488	1		38	937-631	1	
4	971-468	1		39	984-750	2	D4x16
5	317-662	1		40	959-140	2	
6	321-057	3	D4x25	41	930-039	1	
7	323-486	1	"5"	42	994-273	1	
8	872-573	1		43	323-478	2	
9	959-148	2		44	992-635	1	
10	323-491	1	"8, 9"	45	323-484	1	
10	323-482	1	"8, 9" "TPE, THA, HKG, KOR"	46	301-653	3	D4x20
11	323-476	1					
12	306-024	1					
13	323-485	1					
14	608-VVM	2	608VVC2PS2L				
15	933-545	1					
16	301-936	2	M4x10				
17	323-473	1					
18	360-672	1	110V				
18	360-673U	1	120V				
18	360-673E	1	220V-230V				
18	360-673F	1	240V				
19	323-472	1					
20	961-672	2	D4x50				
21	340-599C	1	110V-120V				
21	340-599E	1	220V-230V				
21	340-599F	1	240V				
22	608-VVM	1	608VVC2P2L				
23	-----	1					
24	-----	1					
25	323-471	1					
26	-----	1					
27	323-512	2					
28	999-091	2					
29	323-489	1					
30	323-480	1					
31	323-479	1					
32	323-490	1					
33	323-481	1					
34	323-483	1					
35	981-373	2					

W6VA4



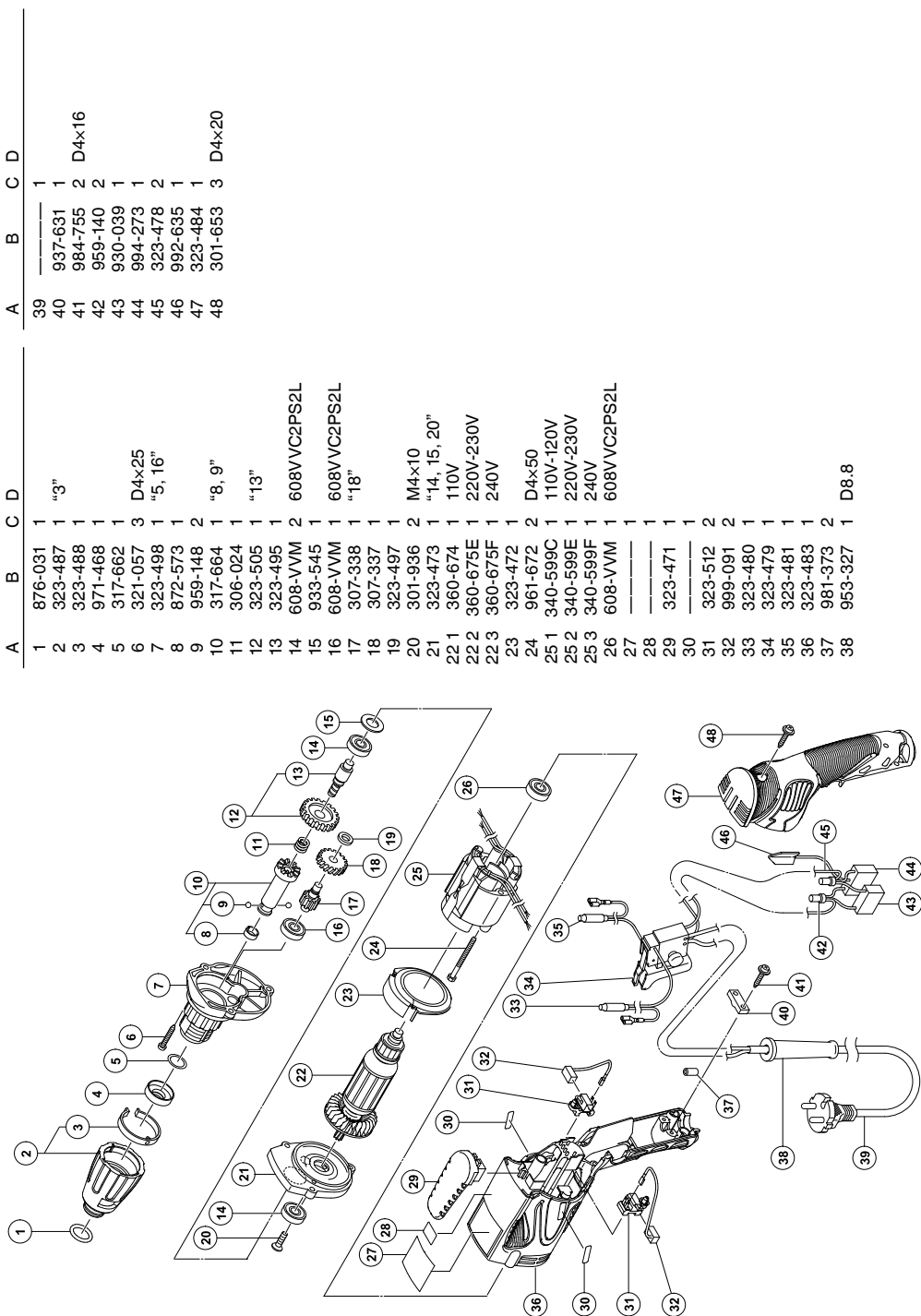
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39	323-488	1		39	984-750	2	D4x16
40	971-468	1		40	959-140	2	
41	317-662	1		41	930-039	1	
42	321-057	3	D4x25	42	994-273	1	
43	323-486	1	"5"	43	323-478	2	
44	872-573	1		44	992-635	1	
45	959-148	2	D3.175	45	323-484	1	
46	323-491	1	"8, 9"	46	301-653	3	D4x20
	323-482	1	"8, 9" HKG"				
	323-476	1					
	306-024	1					
	323-474	1					
	608-VVM	2	608VVC2PS2L				
	933-545	1					
	301-936	2	M4x10				
	323-473	1					
	360-670	1	100V-110V				
	360-671U	1	120V "14, 22"				
	360-671	1	220V-230V				
	360-671F	1	240V				
	323-472	1					
	961-672	2	D4x50				
	340-599C	1	110V-120V				
	340-599E	1	220V-230V				
	340-599F	1	240V				
	608-VVM	1	608VVC2PS2L				
	-----	1					
	323-471	1					
	323-512	2					
	999-091	2					
	323-489	1					
	323-480	1					
	323-479	1					
	323-490	1					
	323-481	1					
	323-483	1					
	981-373	2					
	953-327	1	D8.8				

W6VB3



A	B	C	D	A	B	C	D
1	876-031	1	S-16	38	323-483	1	
2	323-487	1	"3"	39	981-373	2	
3	323-488	1		40	953-327	1	D8.8
4	971-468	1		41	---	1	
5	317-662	1		42	937-631	1	
6	321-057	3	D4x25	43	984-750	2	D4x16
7	323-498	1	"5, 16"	44	959-140	2	
8	872-573	1		45	930-039	1	
9	959-148	2	D3.175	46	994-273	1	
10	317-664	1		47	323-478	2	
10	323-507	1	"USA, CAN"	48	992-635	1	
11	306-024	1		49	323-484	1	
12	323-494	1	"13"	50	301-653	3	D4x20
13	323-495	1					
14	608-VVM	2	608VVMC2PS2L				
15	933-545	1					
16	608-VVM	1	608VVC2PS2L				
17	323-496	1	"18"				
18	307-337	1					
19	323-497	1					
20	301-936	2	M4x10				
21	323-493	1	"14, 15, 20"				
22	360-674	1	110V				
22	360-675U	1	120V "14, 26"				
22	360-675E	1	220V-230V				
22	360-675F	1	240V				
23	323-472	1					
24	961-672	2	D4x50				
25	340-599C	1	110V-120V				
25	340-599U	1	220V-230V				
25	340-599F	1	240V				
26	608-VVM	1	608VVMC2PS2L				
27	---	1					
28	---	1					
29	323-471	1					
30	---	1					
31	323-512	2					
32	999-091	2					
33	323-489	1					
34	323-480	1					
35	323-479	1					
36	323-490	1					
37	323-481	1					

W8VB2



A	B	C	D	A	B	C	D
1	876-031	1		39	---	1	
2	323-487	1	"3"	40	937-631	1	
3	323-488	1		41	984-755	2	D4x16
4	971-468	1		42	959-140	2	
5	317-662	1		43	930-039	1	
6	321-057	3	D4x25	44	994-273	1	
7	323-498	1	"5, 16"	45	323-478	2	
8	872-573	1		46	992-635	2	
9	959-148	2		47	323-484	1	
10	317-664	1	"8, 9"	48	301-653	3	D4x20
11	306-024	1					
12	323-505	1	"13"				
13	323-495	1					
14	608-VVM	2	608VVC2PS2L				
15	933-545	1					
16	608-VVM	1	608VVC2PS2L				
17	307-338	1	"18"				
18	307-337	1					
19	323-497	1					
20	301-936	2	M4x10				
21	323-473	1	"14, 15, 20"				
22	360-674	1	110V				
222	360-675E	1	220V-230V				
223	360-675F	1	240V				
23	323-472	1					
24	961-672	2	D4x50				
251	340-599C	1	110V-120V				
252	340-599E	1	220V-230V				
253	340-599F	1	240V				
26	608-VVM	1	608VVC2PS2L				
27	---	1					
28	---	1					
29	323-471	1					
30	---	1					
31	323-512	2					
32	999-091	2					
33	323-480	1					
34	323-479	1					
35	323-481	1					
36	323-483	1					
37	981-373	2					
38	953-327	1	D8.8				

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