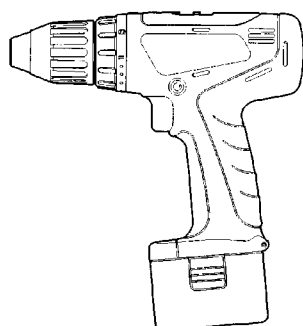


Service Manual

Cordless Drill & Driver



EY6405-X8

EY6409-X8

EY6432-X8

SPECIFICATIONS

MAIN UNIT

Model		EY6405	EY6409	EY6432
Motor		DC Motor 12V		DC Motor 15.6V
No load speed	LOW	400/min (rpm)		450/min (rpm)
	HIGH	1300/min (rpm)		1450/min (rpm)
Chuck capacity		$\phi 0.5 \sim 10\text{mm}$ (1/32" ~ 3/8")	$\phi 1.0 \sim 13\text{mm}$ (1/16" ~ 1/2")	
Maximum torque	LOW	22.5Nm (230kgf-cm, 199in-lbs.)		31.9Nm (325kgf-cm, 282in-lbs.)
	HIGH	6.3Nm (65kgf-cm, 56in-lbs.)		8.8Nm (90kgf-cm, 78in-lbs.)
Clutch torque		Approx. 1.0Nm (10kgf-cm, 8.7in-lbs.) – 5.4Nm (55kgf-cm, 47.7in-lbs.)		Approx. 1.0Nm (10kgf-cm, 8.7in-lbs.) – 6.9Nm (70kgf-cm, 61in-lbs.)
Overall length		202mm (7-61/64")	208mm (8-3/16")	
Weight (with battery pack)		1.7kg (3.75lbs.) with EY9106	1.9kg (4.19lbs.) with EY9201	2.2kg (4.85lbs.) with EY9231

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

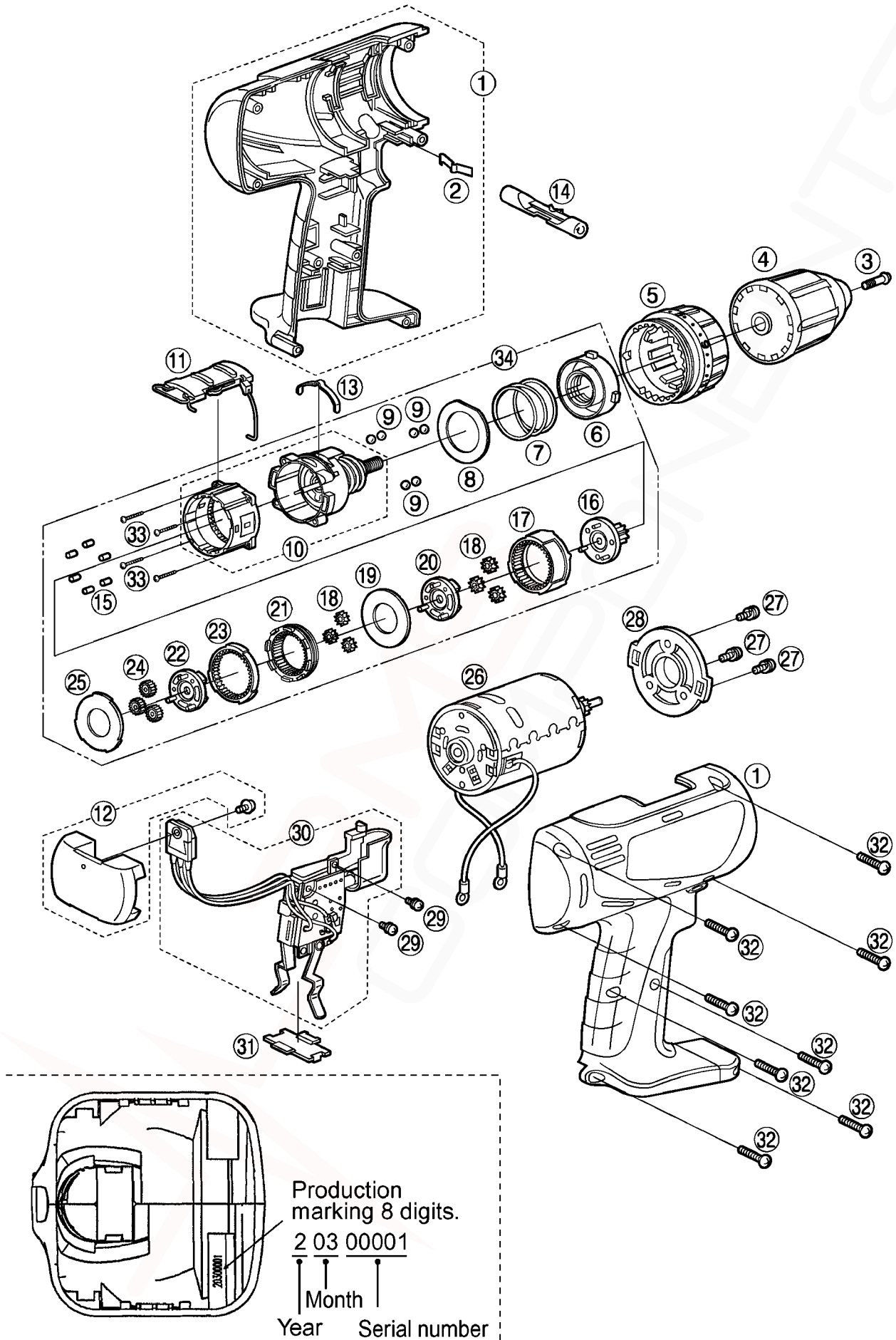
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Panasonic

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5 EXPLODED VIEW



6 REPLACEMENT PARTS LIST

6.1. EY6405 REPLACEMENT PARTS LIST

NOTE:

*B=only available as set

*C=available individually

Ref.No.	Part No.	Part Name & Description	Remarks		Per Unit
1	WEY6405K3079	HOUSING AB SET	for EUROPE	▲	1
1	WEY6405K3080	HOUSING AB SET	for OCEANIA	▲	1
2	WEY6481L0177	CLICK SPRING			1
3	WEYT103L6807	CHUCK FASTENING SCREW		▲	1
4	WEY6406K7918	KEYLESS CHUCK		▲	1
5	WEY6406Y3228	CLUTCH HANDLE		▲	1
6	WEY6406L0638	ADJUSTING SCREW		▲	1
7	WEY6406L0168	CLUTCH SPRING		▲	1
8	WEY6406L0578	CLUTCH PLATE		▲	1
9	WEY560B6967	STEEL BALL	*B (12pcs/PK)		12
10	WEY6406L1078	DRIVING BLOCK		▲	1
11	WEY6406Y3238	H/L CHANGE HANDLE		▲	1
12	WEY6406L2568	HEAT SINK		▲	1
13	WEY6406L0178	CLICK SPRING A		▲	1
14	WEY6405Y3248	F/R SELECTOR HANDLE		▲	1
15	WEY6283L0377	ROLLER PIN	*B (6pcs/PK)		6
16	WEY6406L1118	CARRIER		▲	1
17	WEY6406L1488	RING GEAR		▲	1
18	WEY6406L1348	PLANET GEAR	*B (3pcs/PK)	▲	6
19	WEY6406L0858	THRUST PLATE		▲	1
20	WEY6406L1128	CARRIER A		▲	1
21	WEY6406L1468	RING GEAR A		▲	1
22	WEY6406L1108	CARRIER B		▲	1
23	WEY6406L1478	RING GEAR B		▲	1
24	WEY6406L1358	PLANET GEAR B	*B (3pcs/PK)	▲	3
25	WEY6406L0888	THRUST PLATE		▲	1
26	WEY6405L1008	DC MOTOR		▲	1
27	WEY6230L6027	SCREW	*C K3*6		3
28	WEY6406L0028	MOTOR MOUNTING PLATE		▲	1
29	WEY6207Y6027	SCREW	*C K3*5		2
30	WEY6405Y2008	SWITCH		▲	1
31	WEY6230L0207	DUST PREVENTIVE PLATE		▲	1
32	WEY6230K9218	TAPPING SCREW	*C K3*20	▲	8
33	WEY6406K9038	TORX TAPPING SCREW	*C K3*12	▲	4
34	WEY6406L1458	GEAR BOX BLOCK		▲	1
-	WEY9596K7018	TOOL CASE			1
-	WEY6405K8109	OPERATING INSTRUCTIONS		▲	1

**Battery Pack is available as an optional accessory. See the nearest sales dealer for details.

***For replacement parts of charger, see the charger service manual.

Charger complete set is available as an optional accessory. See the nearest sales dealer for details.

6.2. EY6409 REPLACEMENT PARTS LIST

NOTE:

*B=only available as set

*C=available individually

Ref.No.	Part No.	Part Name & Description	Remarks		Per Unit
1	WEY6409K3079	HOUSING AB SET	for EUROPE	▲	1
1	WEY6409K3080	HOUSING AB SET	for OCEANIA	▲	1
2	WEY6481L0177	CLICK SPRING			1
3	WEY6403L6807	CHUCK FASTENING SCREW		▲	1
4	WEY6407K7918	KEYLESS CHUCK		▲	1
5	WEY6406Y3228	CLUTCH HANDLE		▲	1
6	WEY6406L0638	ADJUSTING SCREW		▲	1
7	WEY6406L0168	CLUTCH SPRING		▲	1
8	WEY6406L0578	CLUTCH PLATE		▲	1
9	WEY560B6967	STEEL BALL	*B (12pcs/PK)		12
10	WEY6406L1078	DRIVING BLOCK		▲	1
11	WEY6406Y3238	H/L CHANGE HANDLE		▲	1
12	WEY6406L2568	HEAT SINK		▲	1
13	WEY6406L0178	CLICK SPRING A		▲	1
14	WEY6405Y3248	F/R SELECTOR HANDLE		▲	1
15	WEY6283L0377	ROLLER PIN	*B (6pcs/PK)		6
16	WEY6406L1118	CARRIER		▲	1
17	WEY6406L1488	RING GEAR		▲	1
18	WEY6406L1348	PLANET GEAR	*B (3pcs/PK)	▲	6
19	WEY6406L0858	THRUST PLATE		▲	1
20	WEY6406L1128	CARRIER A		▲	1
21	WEY6406L1468	RING GEAR A		▲	1
22	WEY6406L1108	CARRIER B		▲	1
23	WEY6406L1478	RING GEAR B		▲	1
24	WEY6406L1358	PLANET GEAR B	*B (3pcs/PK)	▲	3
25	WEY6406L0888	THRUST PLATE		▲	1
26	WEY6405L1008	DC MOTOR		▲	1
27	WEY6230L6027	SCREW	*C K3*6		3
28	WEY6406L0028	MOTOR MOUNTING PLATE		▲	1
29	WEY6207Y6027	SCREW	*C K3*5		2
30	WEY6405Y2008	SWITCH		▲	1
31	WEY6230L0207	DUST PREVENTIVE PLATE		▲	1
32	WEY6230K9218	TAPPING SCREW	*C K3*20	▲	8
33	WEY6406K9038	TORX TAPPING SCREW	*C K3*12	▲	4
34	WEY6406L1458	GEAR BOX BLOCK		▲	1
-	WEY9596K7018	TOOL CASE			1
-	WEY6405K8109	OPERATING INSTRUCTIONS		▲	1

**Battery Pack is available as an optional accessory. See the nearest sales dealer for details.

***For replacement parts of charger, see the charger service manual.

Charger complete set is available as an optional accessory. See the nearest sales dealer for details.

6.3. EY6405 REPLACEMENT PARTS LIST

NOTE:

*B=only available as set

*C=available individually

Ref.No.	Part No.	Part Name & Description	Remarks		Per Unit
1	WEY6432K3079	HOUSING AB SET	for EUROPE	▲	1
1	WEY6432K3080	HOUSING AB SET	for OCEANIA	▲	1
2	WEY6481L0177	CLICK SPRING			1
3	WEYT103L6807	CHUCK FASTENING SCREW		▲	1
4	WEY6407K7918	KEYLESS CHUCK		▲	1
5	WEY6406Y3228	CLUTCH HANDLE		▲	1
6	WEY6406L0638	ADJUSTING SCREW		▲	1
7	WEY6431L0168	CLUTCH SPRING		▲	1
8	WEY6406L0578	CLUTCH PLATE		▲	1
9	WEY560B6967	STEEL BALL	*B (12pcs/PK)		12
10	WEY6431L1078	DRIVING BLOCK		▲	1
11	WEY6406Y3238	H/L CHANGE HANDLE		▲	1
12	WEY6406L2568	HEAT SINK		▲	1
13	WEY6406L0178	CLICK SPRING A		▲	1
14	WEY6405Y3248	F/R SELECTOR HANDLE		▲	1
15	WEY6283L0377	ROLLER PIN	*B (6pcs/PK)		6
16	WEY6406L1118	CARRIER		▲	1
17	WEY6406L1488	RING GEAR		▲	1
18	WEY6406L1348	PLANET GEAR	*B (3pcs/PK)	▲	6
19	WEY6406L0858	THRUST PLATE		▲	1
20	WEY6406L1128	CARRIER A		▲	1
21	WEY6406L1468	RING GEAR A		▲	1
22	WEY6406L1108	CARRIER B		▲	1
23	WEY6406L1478	RING GEAR B		▲	1
24	WEY6406L1358	PLANET GEAR B	*B (3pcs/PK)	▲	3
25	WEY6406L0888	THRUST PLATE		▲	1
26	WEY6432L1008	DC MOTOR		▲	1
27	WEY6230L6027	SCREW	*C K3*6		3
28	WEY6406L0028	MOTOR MOUNTING PLATE		▲	1
29	WEY6207Y6027	SCREW	*C K3*5		2
30	WEY6432Y2008	SWITCH		▲	1
31	WEY6230L0207	DUST PREVENTIVE PLATE		▲	1
32	WEY6230K9218	TAPPING SCREW	*C K3*20	▲	8
33	WEY6406K9038	TORX TAPPING SCREW	*C K3*12	▲	4
34	WEY6431L1458	GEAR BOX BLOCK		▲	1
-	WEY9596K7018	TOOL CASE			1
-	WEY6405K8109	OPERATING INSTRUCTIONS		▲	1

**Battery Pack is available as an optional accessory. See the nearest sales dealer for details.

***For replacement parts of charger, see the charger service manual.

Charger complete set is available as an optional accessory. See the nearest sales dealer for details.