



Part list & exploded view

BRUSHLESS ELECTRIC TOOLS - GY SERIE

DOC.60350-10/20

SUMMARY

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IMPORTANT

The tool supplied with this manual may have been altered to meet specific needs.

Please note that the exploded view is applicable from the last date of revision (highlighted on it). If serial number is older, please indicate it us.

If this is the case, when ordering a renewal or spare parts, please indicate the tool item code featured on the delivery document, or contact **DOGA** at **+33 1 30 66 41 41** indicating the approximate delivery date. You will then be sure to get the required tool and/or parts.

WARNING



This user manual must be kept carefully in a known location that is of easy access to product users.



Caution

Read, and require each operator to read this manual before installing, using or repairing the product.

Make absolutely sure that operators have perfectly understood the use rules and the meaning of the eventual symbols placed on the product.

Most accidents could be avoided by following the user manual instructions.

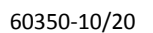
These have been drawn up relative to European directives and their amendments as well as with product related standards.

In all cases, follow and comply with national safety standards. Do not remove or damage the labels and statements placed on the product, especially those imposed by law.

60350-10/20

NO.	Code DOGA	CODE		DESCRIPTION	GY 35	GY 50	GY 100	GY 35P	GY 50P
		OLD	NEW		-A	-A	-A	-A	-A
1	4-1070325	5000945	579-0002	SNAPRING	1	1	1	1	1
2	4-1070341	5000914	582-0006	SUPPORTER [COLLAR SPRING]	1	1	1	1	1
3	4-1070328	5000903	581-0026	SPRING [COLLAR]	1	1	1	1	1
4	4-1070326	5000912	524-0007	COLLAR [A]	1	1	1	1	1
5	4-1070321	5000904	527-0023	C-RING [STOP]	1	1	1	1	1
6	4-1012497	5000905	505-0014	ADJUSTER	1	1	1	1	1
7	4-1070301	5000899	557-0003	PIN [ADJUST]	4	4	4	4	4
8	4-1002752	5000069	515-0003	WRENCH BOLT	4	4	4	4	4
9	4-1012441	3000991	316-0019	COVER ASSY [TOP]	1	1	1		
	4-1012440	3000990	316-0021	COVER ASSY [TOP]				1	1
10	4-1012499	5000908	582-0036	SUPPORTER [TORQUE SPRING W/ASHER]	1	1	1	1	1
11	4-1012501	5001017	581-0075	SPRING [TORQUE]	1			1	
	4-1012503	5001019	581-0078	SPRING [TORQUE]		1			1
	4-1012504	5001020	581-0074	SPRING [TORQUE]			1		
	4-1070349	5001021	509-0021	BEARING [BALL]	1	1	1		
13	4-1070350	5000911	580-0006	SPACER [5701 BEARING]	1	1	1		
14	4-1012498	5000907	582-0038	SUPPORTER [TORQUE SPRING]	1	1	1	1	1
15	4-1070329	5000909	514-0009	BIT SOCKET [A]	1	1	1	1	1
16	4-1090109	PAL1929	507-0002	BALL	2	2	2	2	2
17	4-1077135	PAL1231	557-0017	PIN [GEAR HOLDER]	1	1	1	1	1
18	4-1075018	PSK 1954	527-0006	C-RING	1	1	1	1	1
19	4-1002760	5000274	557-0020	PIN [HOLDER]	1	1	1	1	1
20	4-1077131	5000616	582-0024	SUPPORTER [SLEEVE]	1	1	1	1	1
21	4-1090119	PSK 1921	509-0035	BEARING [THRUST]	1	1	1		
22	4-1002787	5000457	580-0013	SPACER [BEARING]	1	1	1		
23	4-1002783	5000376	509-0001	BEARING [BALL]	3	3	3		
24	4-1002749	5000064	581-0043	SPRING [LIMIT]	1	1	1	1	1
25	4-1090199	-	349-0003	SLIDE BAR ASSY	1	1	1	1	1
26	4-1075114	PSW 2211	571-0012	SCREW	2	2	2	2	2
27	4-1090197	-	346-0022	SENSOR ASSY [LEVER]	1	1	1		
	4-1090198	-	346-0023	SENSOR ASSY [PUSH]				1	1
28	4-1070365	5000622	557-0027	PIN [NEEDLE]	4	4	4	4	4
29	4-1070367	3000492	304-0001	BEARING COVER ASSY [LEVER]	1	1	1		
	4-1070366	3000742	304-0004	BEARING COVER ASSY [PUSH]				1	1
30	4-1090077	5000297	582-0002	SUPPORTER [BEARING]	1	1	1		
31	4-1002784	5000377	509-0002	BEARING [BALL]	1	1	1		
32	4-1070361	5000316	573-0011	SHAFT [A, LEVER]	1	1	1		
	4-1032001	3000619	347-0014	SHAFT ASSY [PUSH]				1	1
33	4-1070204	5000299	581-0047	SPRING [PUSH]				1	1
34	4-1012488	5000629	569-0014	RING [SLIDE]	1	1		1	1
	4-1090086	5000344	569-0015	RING [SLIDE]			1		
35	4-1002825	5000618	573-0021	SHAFT [B, LEVER]	1	1	1		
	4-1090087	5000346	573-0014	SHAFT [B, PUSH]				1	1
36	4-1090092	5000475	507-0011	BALL	3	3	3	3	3
37	4-1012496	5000816	523-0013	CLUTCH	1	1	1	1	1
38	4-1090091	5000474	509-0016	BEARING [BALL]	1	1	1	1	1
39	4-1090085	5000340	536-0063	GEAR [CASE]	1	1		1	1
	4-1012494	5000788	536-0065	GEAR [CASE]			1		
40	4-1070196	PSW 2309	515-0016	WRENCH BOLT	2	2	2	2	2
41	4-1002874	PSW 2305	571-0030	SCREW	1	1	1	1	1
42	4-1002836	5000685	571-0001	SCREW [FL TORX]	3	3	3	3	3
43	4-1002712	3000493	325-0019	HOLDER ASSY [GEAR]	2			2	
	4-1002714	3000495	325-0017	HOLDER ASSY [2ND GEAR]		1			1
	4-1002715	3000496	325-0020	HOLDER ASSY [GEAR]			3		
44	4-1090079	5000330	536-0007	GEAR [IDLE]	8			8	
	4-1090081	5000332	536-0032	GEAR [2ND IDLE]		4			4
	4-1090082	5000333	536-0010	GEAR [IDLE]			9		
45	4-1090117	PM M 1327	557-0031	PIN [NEEDLE]	1			1	
	4-1090113	PFE1915	557-0007	PIN [CENTER]		1			1
	4-1070365	5000622	557-0027	PIN [NEEDLE]			1		
46	4-1090083	5000334	536-0062	GEAR [PINION]	1			1	
	4-1002773	5000335	536-0093	GEAR [PINION]		1			1
	4-1002774	5000336	536-0091	GEAR [PINION]			2		
47	4-1012506	-	325-0038	HOLDER ASSY [1ST GEAR]		1			1
48	4-1090079	5000330	536-0007	GEAR [IDLE]		4			4
49	4-1002780	5000345	590-0015	WASHER	1	1	1	1	1
50	4-1002782	5000374	579-0010	SNAPRING	1	1	1	1	1
51	4-1090097	5000588	536-0065	GEAR [MOTOR PINION]	1	1		1	1
	4-1090099	5000590	536-0084	GEAR [MOTOR PINION]			1		
52	-	-	330-0067	MOTOR ASSY	1	1	1	1	1
53	4-1050623	-	334-0070	PCB ASSY	1	1	1	1	1
54	4-1012507	-	330-0048	MOTOR ASSY [SET]	1	1	1	1	1
55	4-1002793	5000476	515-0005	WRENCH BOLT	2	2	2	2	2
56	4-1076006	-	903-0068	HOUSING SET	1	1	1	1	1
57	4-1075023	PKK 1911	547-0005	KEY	1	1	1	1	1
58	4-1002716	3000497	329-0016	LEVER ASSY	1	1	1		
59	4-1012481	5000479	506-0014	ATTACHMENT				1	1
60	4-1090118	PSK 1327	557-0032	PIN [NEEDLE]	1	1	1	1	1
61	4-1090112	PFE1841	581-0037	SPRING [LEVER]	1	1	1		
62	4-1077172	PSW 2602	571-0025	SCREW	6	6	6	6	6
63	4-1012329	PFF1130	316-0012	COVER ASSY [SWITCH]	1	1	1	1	1
64	4-1090071	3000499	313-0005	CONNECTOR ASSY	1	1	1	1	1
65	4-1002832	5000630	541-0001	HOOK	1	1	1	1	1
66	4-1075080	PSW 2201	515-0008	WRENCH BOLT	3	3	3	3	3
67	4-1002816	5000606	544-0028	HOUSING NUT	1	1	1	1	1
68	4-1002786	-	304-0039	BEARING COVER + BEARING ASSY	1	1	1		
69	-	-	304-0040	BEARING COVER + BEARING ASSY				1	1
70	-	-	901-0170	GEAR BOX			1		
71	-	-	901-0196	GEAR BOX		1			1
72	4-1002837	5000703	548-0033	LABEL [MAIN, FRONT]	1	1	1	1	1
73	4-1000844	3000623	353-0001	THERMISTOR	1	1	1	1	1

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NO.	Code DOGA	CODE		DESCRIPTION	GYA 35	GYA 50	GYA 100
		OLD	NEW		-A	-A	-A
1	4+1012497	5000905	505-0014	ADJUSTER	1	1	1
2	4+1070301	5000889	557-0003	PIN [A DJUST]	4	4	4
3	4+1012501	5001017	581-0075	SPRING [TORQUE]	1		
	4+1012503	5001019	581-0078	SPRING [TORQUE]		1	
	4+1012504	5001020	581-0074	SPRING [TORQUE]			1
4	4+1002752	5000069	515-0003	WRENCH BOLT	4	4	4
5	4+1012441	3000891	316-0019	COVER ASSY [TOP]	1	1	1
6	4+1070325	5000945	579-0002	SNAPRING	1	1	1
7	4+1070341	5000914	582-0006	SUPPORTER [COLLAR SPRING]	1	1	1
8	4+1070328	5000903	581-0026	SPRING [COLLAR]	1	1	1
9	4+1070326	5000912	524-0007	COLLAR [A]	1	1	1
10	4+1070321	5000904	527-0023	C-RING [STOP]	1	1	1
11	4+1077131	5000616	582-0024	SUPPORTER [SLEEVE]	1	1	1
12	4+1070329	5000909	514-0009	BIT SOCKET [A]	1	1	1
13	4+1090109	PAL1929	507-0002	BALL	2	2	2
14	4+1077135	PAL1231	557-0017	PIN [GEAR HOLDER]	1	1	1
15	4+1075018	PSK1954	527-0006	C-RING	1	1	1
16	4+1002760	5000274	557-0020	PIN [HOLDER]	1	1	1
17	4+1090119	PSK1921	509-0035	BEARING [THRUST]	1	1	1
18	4+1002787	5000457	580-0013	SPACER [BEARING]	1	1	1
19	4+1002783	5000376	509-0001	BEARING [BALL]	3	3	3
20	4+1002749	5000064	581-0043	SPRING [LIMIT]	1	1	1
21	4+1090199	-	349-0003	SLIDE BEARING	1	1	1
22	4+1075114	PSW 2211	571-0012	SCREW	2	2	2
23	4+1090197	-	346-0022	SENSOR ASSY [LEVER]	1	1	1
24	4+1070365	5000622	557-0027	PIN [NEEDLE]	4	4	4
25	4+1070367	3000492	304-0001	BEARING COVER ASSY [LEVER]	1	1	1
26	4+1090077	5000297	582-0002	SUPPORTER [BEARING]	1	1	1
27	4+1002784	5000377	509-0002	BEARING [BALL]	1	1	1
28	4+1070361	5000916	573-0011	SHAFT [A, LEVER]	1	1	1
29	4+1012488	5000629	569-0014	RING [SLIDE]	1	1	
	4+1090086	5000344	569-0015	RING [SLIDE]			1
30	4+1002825	5000618	573-0021	SHAFT [B, LEVER]	1	1	1
31	4+1090092	5000475	507-0011	BALL	3	3	3
32	4+1012496	5000816	523-0013	CLUTCH	1	1	1
33	4+1090091	5000474	509-0016	BEARING [BALL]	1	1	1
34	4+1002820	5000612	536-0045	GEAR [CASE]	1	1	
	4+1002821	5000613	536-0051	GEAR [CASE]			1
35	4+1002874	PSW 2305	571-0030	WRENCH BOLT	3	3	3
36		5000804	557-0015	PIN [FIXED]	1	1	1
37	4+1002835	5000665	571-0001	SCREW [FLTORX]	4	4	4
38	4+1002712	3000493	325-0019	HOLDER ASSY [GEAR]	2		
	4+1002714	3000495	325-0017	HOLDER ASSY [2ND GEAR]		1	
	4+1002715	3000496	325-0020	HOLDER ASSY [GEAR]			3
39	4+1090079	5000330	536-0007	GEAR [IDLE]	8		
	4+1090081	5000332	536-0032	GEAR [2ND IDLE]		4	
	4+1090082	5000333	536-0010	GEAR [IDLE]			9
40	4+1090117	PM M 1327	557-0031	PIN [NEEDLE]	1		
	4+1090113	PFE1915	557-0007	PIN [CENTER]		1	
	4+1070365	5000622	557-0027	PIN [NEEDLE]			1
41	4+1090083	5000334	536-0032	GEAR [PINION]	1		
	4+1002773	5000335	536-0033	GEAR [PINION]		1	
	4+1002774	5000336	536-0031	GEAR [PINION]			2
42	4+1012506	-	325-0038	HOLDER ASSY [1ST GEAR]		1	
43	4+1090079	5000330	536-0007	GEAR [IDLE]		4	
44	4+1002780	5000345	590-0015	WASHER	1	1	1
45	4+1002782	5000374	579-0010	SNAPRING	1	1	1
46	4+1070369	5000337	536-0032	GEAR [MOTOR PINION]	1	1	
	4+1090084	5000339	536-0031	GEAR [MOTOR PINION]			1
47		-	330-0066	MOTOR ASSY	1	1	1
48		-	330-0068	PCB+CONNECTOR ASSY	1	1	1
49		3000997	330-0042	MOTOR ASSY [SET]	1	1	1
50	4+1012499	5000908	582-0036	SUPPORTER [TORQUE SPRING WASHER]	1	1	1
51	4+1070349	5001021	509-0021	BEARING [BALL]	1	1	1
52	4+1070350	5000911	580-0006	SPACER [6701, BEARING]	1	1	1
53	4+1012498	5000907	582-0038	SUPPORTER [TORQUE SPRING]	1	1	1
54	4+1075060	PSW 2201	515-0008	WRENCH BOLT	3	3	3
55		5000603	526-0035	COVER [DUST]	1	1	1
56		5000605	532-0014	FLANGE [MOUNTING]	1	1	1
57		5001044	515-0023	WRENCH BOLT	4	4	4
58	4+1075115	PSW 2207	571-0010	SCREW	8	8	8
59		5000606	574-0004	SHELL	1	1	1
60	4+1012495	5000789	515-0011	WRENCH BOLT	2	2	2
61		3000996	335-0012	DRIVER PCB ASSY	1	1	1
62		5000654	582-0021	SUPPORTER [PCB]	2	2	2
63		5000602	532-0008	FLANGE	1	1	1
64	4+1090071	3000499	313-0005	CONNECTOR ASSY	1	1	1
65	4+1000042	5000601	526-0021	COVER [CONNECTOR]	1	1	1
66		PSW 2402	515-0018	WRENCH BOLT	2	2	2
67		-	590-0045	WASHER [LOCK]	2	2	2
68	4+1002786	-	304-0039	BEARING COVER ASSY [SET]	1	1	1
69		-	901-0192	GEAR BOX	1		
70		-	901-0193	GEAR BOX		1	
71		-	901-0194	GEAR BOX			1
72	4+1000944	3000623	353-0001	THERMISTOR	1	1	1

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NO.	Code DOGA	CODE		DESCRIPTION	PGY35-V	PGY50/PGY50T	PGY100/PGY100T	DATE	2019.07.05
		OLD	NEW		-A	-A	-A	REV	4
1	4-1012437	5000905	505-0014	A D J U S T E R	1	1	1		
2	4-1070301	5000899	557-0003	P I N [A D J U S T]	4	4	4		
3	4-1012501	5001017	581-0075	S P R I N G [T O R Q U E]	1				
	4-1012503	5001019	581-0078	S P R I N G [T O R Q U E]		1			
	4-1012504	5001020	581-0074	S P R I N G [T O R Q U E]			1		
4	4-1002752	5000069	515-0003	W R E N C H B O L T	4	4	4		
5	4-1012441	3000991	316-0019	C O V E R A S S Y [T O P]	1	1	1		
6	4-1070325	5000945	579-0002	S N A P R I N G	1	1	1		
7	4-1070341	5000914	582-0006	S U P P O R T E R [C O L L A R S P R I N G]	1	1	1		
8	4-1070328	5000903	581-0026	S P R I N G [C O L L A R]	1	1	1		
9	4-1070326	5000912	524-0007	C O L L A R [A]	1	1	1		
10	4-1070321	5000904	527-0023	C - R I N G [S T O P]	1	1	1		
11	4-1077131	5000616	582-0024	S U P P O R T E R [S L E E V E]	1	1	1		
12	4-1070329	5000909	514-0009	B I T S O C K E T [A]	1	1	1		
13	4-1090109	P A L 1929	507-0002	B A L L	1	2	2		
14	4-1077135	P A L 1231	557-0017	P I N [G E A R H O L D E R]	1	1	1		
15	4-1075018	P S K 1954	527-0006	C - R I N G	1	1	1		
16	4-1002760	5000274	557-0020	P I N [H O L D E R]	1	1	1		
17	4-1090119	P S K 1921	509-0035	B E A R I N G [T H R U S T]	1	1	1		
18	4-1002787	5000457	580-0013	S P A C E R [B E A R I N G]	1	1	1		
19	4-1002783	5000376	509-0001	B E A R I N G [B A L L]	3	3	3		
20	4-1002749	5000064	581-0043	S P R I N G [L M I T]	1	1	1		
21	4-1090199	-	349-0003	S L I D E B A R A S S Y	1	1	1		
22	4-1075114	P S W 2211	571-0012	S C R E W	2	2	2		
23	4-1090197	-	346-0022	S E N S O R A S S Y [L E V E R]	1	1	1		
24	4-1070365	5000622	557-0027	P I N [N E E D L E]	4	4	4		
25	4-1070367	3000492	304-0001	B E A R I N G C O V E R A S S Y [L E V E R]	1	1	1		
26	4-1090077	5000297	582-0002	S U P P O R T E R [B E A R I N G]	1	1	1		
27	4-1002784	5000377	509-0002	B E A R I N G [B A L L]	1	1	1		
28	4-1070361	5000316	573-0011	S H A F T [A , L E V E R]	1	1	1		
29	4-1012468	5000629	569-0014	R I N G [S L I D E]	1	1			
	4-1090086	5000344	569-0015	R I N G [S L I D E]			1		
30	4-1002825	5000618	573-0021	S H A F T [B , L E V E R]	1	1	1		
31	4-1090092	5000475	507-0011	B A L L	3	3	3		
32	4-1012496	5000616	523-0013	C L U T C H	1	1	1		
33	4-1090091	5000474	509-0016	B E A R I N G [B A L L]	1	1	1		
34	4-1002820	5000612	536-0045	G E A R [C A S E]	1	1			
	4-1002821	5000613	536-0051	G E A R [C A S E]			1		
35	4-1070196	P S W 2309	515-0016	W R E N C H B O L T	2	2	2		
36	4-1002874	P S W 2305	571-0030	S C R E W	1	1	1		
37	4-1002835	5000665	571-0001	S C R E W [F L T O R X]	4	4	4		
38	4-1002712	3000493	325-0019	H O L D E R A S S Y [G E A R]	2				
	4-1002714	3000495	325-0017	H O L D E R A S S Y [2 N D G E A R]		1			
	4-1002715	3000496	325-0020	H O L D E R A S S Y [G E A R]			3		
39	4-1090079	5000330	536-0007	G E A R [I D L E]	8	4			
	4-1090081	5000332	536-0032	G E A R [2 N D I D L E]		4			
	4-1090082	5000333	536-0010	G E A R [I D L E]			9		
40	4-1090117	P M M 1327	557-0031	P I N [N E E D L E]	1				
	4-1090113	P P E 1915	557-0007	P I N [C E N T E R]		1			
	4-1070365	5000622	557-0027	P I N [N E E D L E]			1		
41	4-1090083	5000334	536-0092	G E A R [P I N I O N]	1				
	4-1002773	5000335	536-0093	G E A R [P I N I O N]		1			
	4-1002774	5000336	536-0091	G E A R [P I N I O N]			2		
42	4-1002712	3000493	325-0019	H O L D E R A S S Y [G E A R]	1				
43	4-1012506	-	325-0038	H O L D E R A S S Y [1 S T G E A R]		1			
	4-1077182	3000754	330-0040	M O T O R A S S Y [S E T 47+58] D O W N E X I T	1	1	1		
	4-1077183	3000755	330-0041	M O T O R A S S Y [S E T 47+58] T O P E X I T	1	1	1		
44	4-1002780	5000345	590-0015	W A S H E R	1	1	1		
45	4-1002782	5000374	579-0010	S N A P R I N G	1	1	1		
46	4-1070369	5000337	536-0082	G E A R [M O T O R P I N I O N]	1	1			
	4-1090084	5000339	536-0081	G E A R [M O T O R P I N I O N]			1		
47		-	330-0066	M O T O R A S S Y	1	1	1		
48	4-1002832	5000630	541-0001	H O O K	1	1	1		
49	4-1075030	P S W 2201	515-0008	W R E N C H B O L T	3	3	3		
50	4-1090078	5000322	544-0004	H O U S I N G N U T	1	1	1		
51	4-1075023	P K K 1911	547-0005	K E Y	1	1	1		
52	4-1077172	P S W 2602	571-0025	S C R E W	10	10	10		
53	4-1012433	3000861	356-0001	T R I G G E R A S S Y	1	1	1		
54	4-1077174	5000857	581-0086	S P R I N G [T R I G G E R]	1	1	1		
55	4-1002793	5000476	515-0005	W R E N C H B O L T	2	2	2		
56	4-1076012	5000852	903-0051	H O U S I N G S E T	1	1	1		
57	4-1077178	5000654	560-0006	P L U G	1	1	1		
58	4-1050621	3000765	332-0060	C O N T R O L P C B A S S Y [S E T] D O W N E X I T	1	1	1		
	4-1050636	3000766	332-0061	C O N T R O L P C B A S S Y [S E T] T O P E X I T	1	1	1		
59	4-1070247	P A L 1130	316-0011	C O V E R A S S Y [S W I T C H]	1	1	1		
60	4-1012439	5000908	582-0036	S U P P O R T E R [T O R Q U E S P R I N G W A S H E R]	1	1	1		
61	4-1070349	5001021	509-0021	B E A R I N G [B A L L]	1	1	1		
62	4-1070350	5000911	580-0006	S P A C E R [6701 , B E A R I N G]	1	1	1		
63	4-1012498	5000907	582-0038	S U P P O R T E R [T O R Q U E S P R I N G]	1	1	1		
64	4-1002786	-	304-0039	B E A R I N G C O V E R + B E A R I N G A S S Y	1	1	1		
65		-	901-0192	G E A R B O X	1				
66		-	901-0193	G E A R B O X		1			
67		-	901-0194	G E A R B O X			1		
68	4-1077184	5000702	548-0120	L A B E L [W I N D O W]	1	1	1		
69	4-1000944	3000623	353-0001	T H E R M I S T O R	1	1	1		

