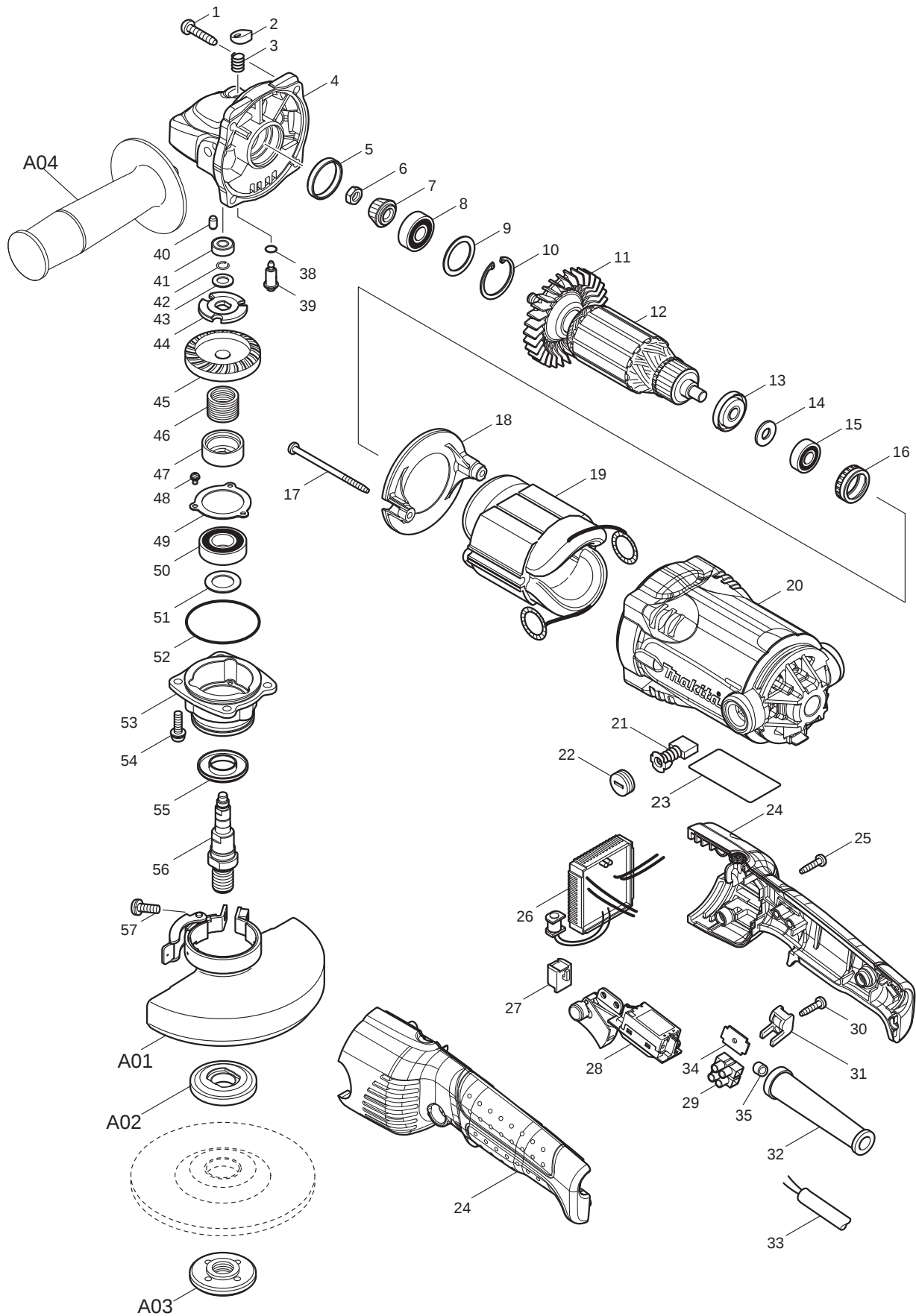




08 - 2010
GA5020C
5" GRINDER



PARTS LIST

Item No	Type	Part No	Description	Qty	Unit
001	2	266459-3	TAPPING SCREW 5X25	4	PC.
002		417771-6	PIN CAP	1	PC.
003		234057-1	COMPRESSION SPRING 8	1	PC.
004		318158-4	GEAR HOUSING	1	PC.
005		424051-3	RUBBER RING 26	1	PC.
006		264010-3	HEX.NUT M7	1	PC.
007		227520-1	SPIRAL BEVEL GEAR 11	1	PC.
008	2	210059-1	BALL BEARING 6000DDW (Nylon)	1	PC.
009		267352-4	FLAT WASHER 22	1	PC.
010		962107-9	RETAINING RING (INT) R-30	1	PC.
011		240094-5	FAN 70	1	PC.
012	3	513881-8	* ARMATURE ASS'Y 115V	1	PC.
012	3	INC.	Item No. 11,13-15		
013		681660-3	INSULATION WASHER	1	PC.
014		267281-1	FLAT WASHER 8	1	PC.
015		210005-4	BALL BEARING 608DDW	1	PC.
016		421720-7	RUBBER RING 22	1	PC.
017		266325-4	TAPPING SCREW 4X70	2	PC.
018		419961-7	BAFFLE PLATE	1	PC.
019	2	520069-3	* FIELD ASSEMBLY 115V (TYPE 2)	1	PC.
019	2	INC. 654555-3	* CONNECTOR 34130	2	PC.
019	2	INC. 654020-2	* RING TERMINAL	2	PC.
020	1	158409-1	MOTOR HOUSING COMPLETE	1	PC.
020	1	INC. 810341-4	CAUTION LABEL	1	PC.
020	1	INC. 643751-8	BRUSH HOLDER	2	PC.
021	2	194994-0	CARBON BRUSH CB-253 2PC/SET (W/ ORIGIN)	1	SET
022		643750-0	BRUSH HOLDER CAP	2	PC.
023	2	852P56-3	NAME PLATE F/GA5020C	1	PC
024		188450-0	HANDLE SET	1	SET
025	2	265A48-7	TAPPING SCREW 4X18	4	PC.
026		631800-3	CONTROLLER	1	PC.
027		418518-1	SLEEVE	1	PC.
028		651060-1	SWITCH TG933TRA-1	1	PC.
029		654542-2	TERMINAL BLOCK 2P	1	PC.
030	2	265A48-7	TAPPING SCREW 4X18	1	PC.
031		687260-7	STRAIN RELIEF	1	PC.
032		682505-8	CORD GUARD 10-90	1	PC.
033	2	664285-8	CORD WITH PLUG 2P-16-2.5M SJ	1	PC.

Item No	Type	Part No	Description	Qty	Unit
034		424052-1	SPONGE SHEET	1	PC.
035		683240-1	TUBE 10-10.8-15	1	PC.
038		213977-2	O RING 7	1	PC.
039		256505-0	SHOULDER PIN 5	1	PC.
040		263002-9	RUBBER PIN 4	1	PC.
041		210006-2	BALL BEARING 696ZZ	1	PC.
042		233926-3	RING SPRING 7	1	PC.
043		253835-0	FLAT WASHER 8	1	PC.
044		267811-8	LOCK WASHER	1	PC.
045		227522-7	SPIRAL BEVEL GEAR 35B	1	PC.
046	2	234356-1	LOCK SPRING 16	1	PC.
047		324833-2	LOCK SLEEVE	1	PC.
048		911003-8	PAN HEAD SCREW M3X6	3	PC.
049		285728-3	BEARING RETAINER 39	1	PC.
050	2	211236-8	BALL BEARING 6002DDW	1	PC.
051		253853-8	FLAT WASHER 15	1	PC.
052		213624-5	O RING 48	1	PC.
053	2	318299-6	* BEARING BOX	1	PC.
053	3	318332-4	* BEARING BOX	1	PC.
054		265131-4	PAN HEAD SCREW M5X18	4	PC.
055		345464-4	LABYRINTH RING	1	PC.
056		324790-4	SPINDLE A	1	PC.
057	1	251391-4	* PAN HEAD SCREW M5X16 (F/135108-2,135650-3)	1	PC.
057	2	265180-1	* PAN HEAD SCREW M5X16(F/123145-8)	1	PC.
061		253828-7	* FLAT WASHER 10 (ADDED, F/ARMATURE FAN SIDE)	1	PC.
062		819282-1	CLEAR LABEL	1	PC.
100	1	654037-5	INSULATED EYE TERMINAL FT1.25-M3 (TYPE 1) (F/Wiring)	1	PC.
100	2	654117-7	* INSULATING TERMINAL (TYPE 2) (F/Wiring)	1	PC.
101	1	654077-3	* INSULATED TERMINAL FK2-M3D-5.5 (TYPE 1) (F/Wiring)	1	PC.
101	2	654198-1	* INSULATED TERMINAL (TYPE 2) (F/Wiring)	1	PC.
102	1	654509-0	* CONNECTOR 2-SD (TYPE 1) (F/Wiring)	1	PC.
102	2	654562-6	* CLOSED END SPLICE (INSULATED CONNECTOR 2-SD 35115) (BTW:	1	PC.
A01	3	135650-3	* TOOLLESS WHEEL COVER ASSY F/5"	1	PC.
A01	3	INC.	* Item No. 57	1	PC.
A01	4	123145-8	* TOOLLESS WHEEL COVER ASSY F/5"	1	PC.
A01	4	INC.	* Item No. 57	1	PC.
A02		224399-1	INNER FLANGE 45	1	PC.
A03		224568-4	LOCK NUT 5/8-45	1	PC.
A03	2	193048-0	SANDING LOCK NUT 5/8-48,PKGED	1	PC.

Item No	Type	Part No	Description	Qty	Unit
A04	3	194514-0	VIBRATION PROOF GRIP F/4" - 6", PKG	1	PC.
A04	4	158237-4	GRIP 36 COMPLETE (RUBBER GRIP)	1	PC.
A05		782424-9	LOCK NUT WRENCH 28	1	PC.
A06	2	D-95962-25	5" D.C.W GRIT 36	1	PC.
A06	2	A-95962-25	5" D.C.G.W WA36N 25/PK	1	PC.
A06	3	A-95962-25	5" D.C.G.W WA36N 25/PK	1	SET
A06	Opt.	-----	DEPRESSED CENTER GRINDING WHEELS		
A09		743015-1	RUBBER PAD 115 F/5"	1	PC.
A10		194482-7	DUST COVER ATTACHMENT	1	PC.
A11		194483-5	LOOP HANDLE SET	1	SET
A11	INC.	450189-8	SPACER A	1	PC.
A11	INC.	922453-2	HEX. SOCKET SCREW M8X30	2	PC.
A11	INC.	450190-3	SPACER B	1	PC.
A11	INC.	416256-9	LOOP HANDLE	1	PC.
A11	INC.	783204-6	HEX WRENCH 6	1	PC.
A12	1	195236-5	* DUST COLLECTION COVER 4-1/2-5"-See Parts Breakdown #195236-5	1	PC.
A12	2	196575-6	* DUST COLLECTION COVER 4-1/2-5"-See Parts Breakdown #196575-6	1	PC.
A13		-----	DIAMOND CUP WHEELS (Use with Item No. A12)		
A14		-----	4-1/2" - 5" DIAMOND TUCKPOINT BLADES		
A15	1	196846-1	* DUST COLLECTION COVER 5" DMND, TUCKPOINT BLADE	1	PC.
A15	2	196845-3	* DUST COLLECTION COVER 5" DMND, TUCKPOINT BLADE	1	PC.
A17	1	122641-3	WHEEL COVER 5", F/CUT OFF	1	PC.
A17	2	122911-0	WHEEL COVER 5", F/CUT OFF	1	PC.

SERVICE CHANGES: GA5020

1. Changes on Armature Assy

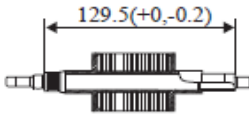
(TI#86782)

(TI#99386)

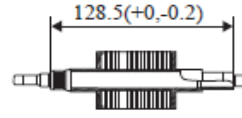
Item No.	Description	Type 1	Type 2	Type 3
12	Armature Assy	513726-0	513796-9	513881-8
61	Flat Washer	---	253828-7	

Above parts are completely interchangeable as a set.

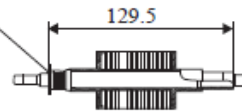
Type 1



Type 2



Flat washer 10 between Item No. 10 [Retaining ring (INT) R-30]
and Item No. 11 [Fan 70]



Type 3 of Armatures

Commutator is changed to increase durability

2. Changes on Wiring

(TI#Z12397)

Item No.	Description	Type 1	Type 2
19	Field Ass'Y 115V	525786-0	520069-3
	INC. Ring Terminal	654020-2	
	INC. Connector P-1.25 > 34130	654501-6	654555-3
100	Insulated Term. FK1.25-3M > Insulating Terminal	654037-5	654117-7
101	Insulated Term. FK2-M3D-5.5 > Insulating Terminal	654077-3	654198-1
102	Connector 2-SD > Insulated Connector 2-SD 35115	654509-0	654562-6

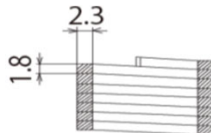
See Technical Information #Z12397 for Wiring Change Diagram

3. Changes on Lock Spring 16

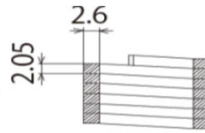
(TI#A5676)

Item No.	Description	Type 1	Type 2
46	Lock Spring 16	233957-2	234356-1

Type1



Type2



4. Changes on Wheel Cover Assembly

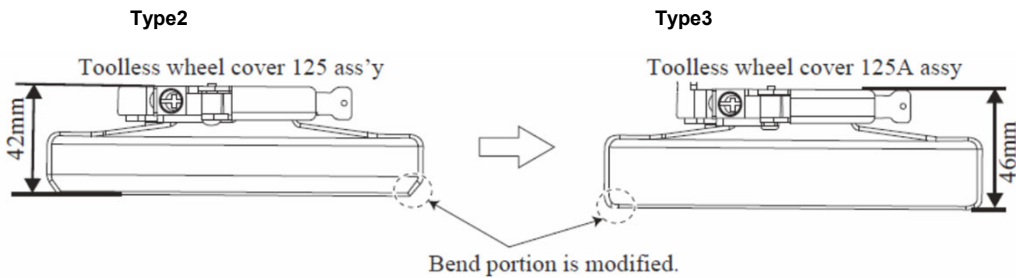
(TI#80667, A4621)

(TI#B3379) (TI#DS662)

Item No.	Description	Type 2	Type3	Type 4	Type 5
53	Bearing Box	318160-7	318299-6	318332-4	
57	Pan Head Screw M5X16	251391-4		265180-1	
A01	Toolless Wheel Cover Ass'y >Toolless Wheel Cover A125 Ass'y	135108-2	135650-3	123145-8	
INC.	O ring 4	-----		213009-5	-----
A12 Opt.	Dust Collection Cover	195236-5		196575-6	
A15 Opt.	Dust Collection Cover 5" Dmnd, Tuckpoint Blade	196846-1		196845-3	
A16 Opt.	Dust Collecting Wheel Guard	193794-5			
A17 Opt.	Cut-Off Wheel Guard	122641-3		122911-0	

Type 3 > Type 4 parts above are interchangeable as a set

Item no. 57 is a component of A01



Type3

Type4

