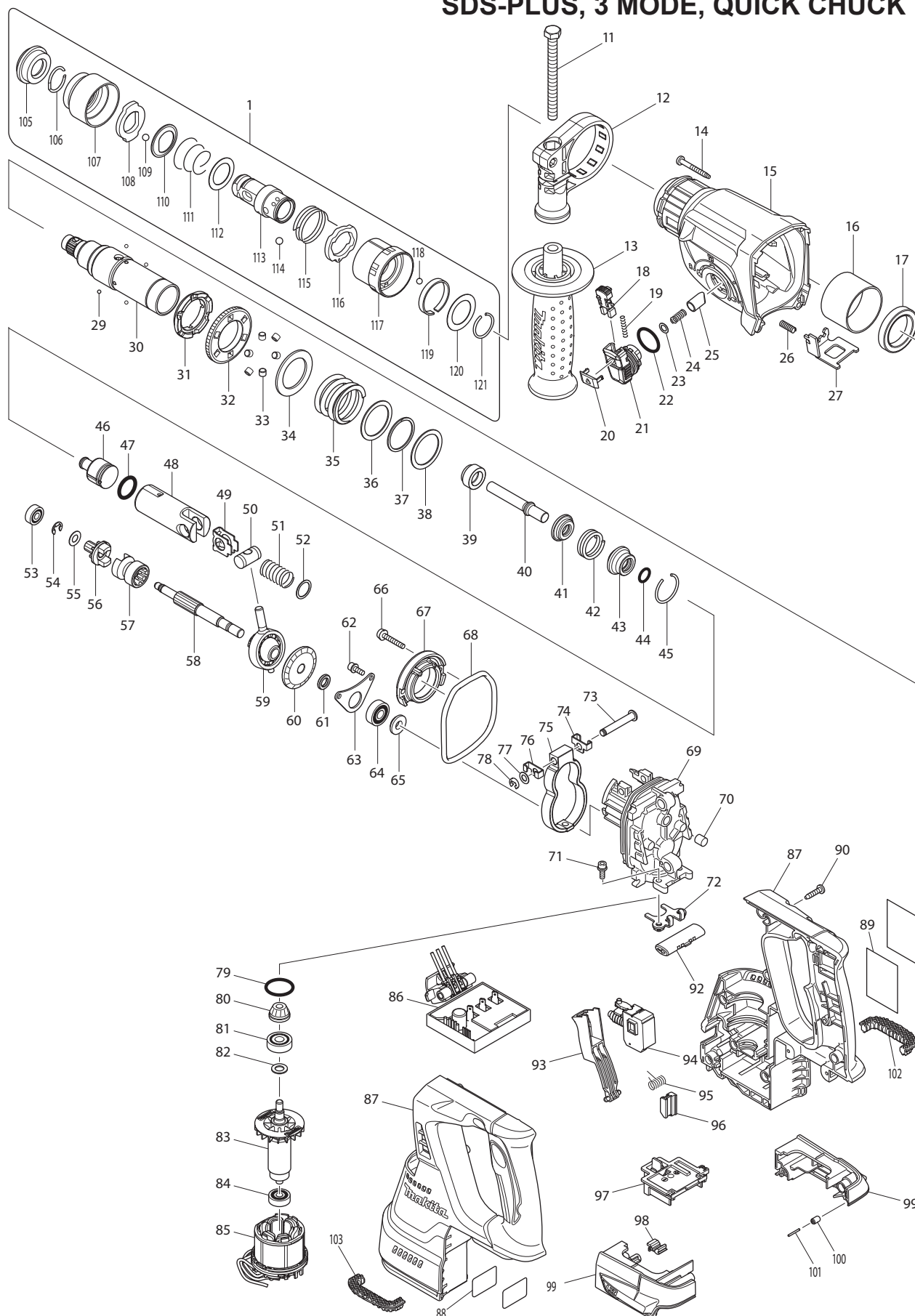




04 - 2014

DHR243Z

18V BRUSHLESS ROTARY HAMMER SDS-PLUS, 3 MODE, QUICK CHUCK



PARTS LIST

Item No	Type	Part No	Description	Qty	Unit
001		194080-7	TOOL HOLDER SET	1	PC.
001	INC.		Item No. 105-121		
011		266745-2	HEX.BOLT M8X90	1	PC.
012		453129-5	GRIP BASE	1	PC.
013		158057-6	GRIP 36 COMPLETE	1	PC.
014		266351-3	TAPPING SCREW 4X35	4	PC.
015		141229-0	GEAR HOUSING COMPLETE	1	PC.
015	INC.	213345-9	OIL SEAL 25	1	PC.
015	INC.	890903-4	INDICATION LABEL	1	PC.
016		331890-3	CUP SLEEVE	1	PC.
017		211294-4	BALL BEARING 6806LLU	1	PC.
018		454112-5	LOCK BUTTON	1	PC.
019		234264-6	COMPRESSION SPRING 3	1	PC.
020		453131-8	CHANGE LEVER COVER	1	PC.
021		453125-3	CHANGE LEVER	1	PC.
022		213381-5	O RING 21	1	PC.
023		253308-3	THIN WASHER 6	1	PC.
024		234147-0	COMPRESSION SPRING 5	1	PC.
025	2	326850-8	* PUSH CORN	1	PC.
026		233360-7	COMPRESSION SPRING 4	1	PC.
027		346537-6	LOCK PLATE	1	PC.
029		216019-1	STEEL BALL 3	4	PC.
030		140266-1	TOOL HOLDERGUIDE COMPLETE	1	PC.
031	2	332139-4	* DRIVING FLANGE	1	PC.
032	2	227360-7	* SPUR GEAR 51	1	PC.
035		234148-8	COMPRESSION SPRING 31	1	PC.
036		267153-0	FLAT WASHER 30	1	PC.
037		257932-4	SPIRO LOCK WASHER 30	1	PC.
038		267153-0	FLAT WASHER 30	1	PC.
039		325783-4	SLEEVE 9B	1	PC.
040		325791-5	IMPACT BOLT B	1	PC.
041		325792-3	WASHER 10	1	PC.
042		234149-6	COMPRESSION SPRING 20	1	PC.
043		325793-1	O-RING CASE B	1	PC.
044		213073-6	O RING 9	1	PC.
045		233979-2	RING SPRING 28	1	PC.
046		326139-4	STRIKER	1	PC.
047		213258-4	O RING 17.5	1	PC.

Item No	Type	Part No	Description	Qty	Unit
048		310345-1	PISTON CYLINDER	1	PC.
049		346036-8	GUIDE PLATE	1	PC.
050		324215-8	PISTON JOINT	1	PC.
051		234098-7	COMPRESSION SPRING 14	1	PC.
052		267447-3	FLAT WASHER 14	1	PC.
053		211012-0	BALL BEARING 606ZZ	1	PC.
054		257336-0	STOP RING EXT U-6	1	PC.
055		253186-1	FLAT WASHER 7	1	PC.
056		227231-8	SPUR GEAR 10	1	PC.
057	2	326849-3	* CLUTCH CAM A	1	PC.
058		326140-9	CAM SHAFT	1	PC.
059	1	219020-5	SWASH BEARING 10	1	PC.
060		227588-7	SPIRAL BEVEL GEAR 32	1	PC.
061		257323-9	RING 8	1	PC.
062		922118-6	HEX. SOCKET HEAD BOLT M4X12	2	PC.
063		346038-4	BEARING RETAINER B	1	PC.
064		211032-4	BALL BEARING 608ZZ	1	PC.
065		324212-4	RING 8	1	PC.
066		922147-9	HEX. SOCKET HEAD BOLT M4X25	2	PC.
067		141230-5	INNER SUPPORT COMPLETE	1	PC.
068		213767-3	O-RING 75	1	PC.
069		318810-4	INNER HOUSING	1	PC.
070		443153-6	FELT	1	PC.
071		922118-6	HEX. SOCKET HEAD BOLT M4X12	2	PC.
072		346536-8	BEARING RETAINER A	1	PC.
073		256536-9	FLAT FILLISTER HD PIN 6	1	PC.
074		346538-4	WEIGHT HOLDER GUIDE	1	PC.
075		313224-2	COUNTER WEIGHT	1	PC.
076		346538-4	WEIGHT HOLDER GUIDE	1	PC.
077		253726-5	FLAT WASHER 6	1	PC.
078		961018-5	STOP RING E-5	1	PC.
079		213008-7	O RING 22.4	1	PC.
080		141458-5	SPIRAL BEVEL GEAR 11 COMPLETE	1	PC.
081		210024-0	BALL BEARING 608LLU	1	PC.
082		253835-0	FLAT WASHER 8	1	PC.
083	1	619293-4	* ROTOR	1	PC.
083	2	619737-4	* ROTOR	1	PC.
083	2	INC.	* Item No. 80-82,84	1	PC.
084		210022-4	BALL BEARING 626DDW	1	PC.

Item No	Type	Part No	Description	Qty	Unit
085	3	529187-4	* STATOR ASSY	1	PC.
086	1	620241-8	* CONTROLLER	1	PC.
086	2	620G68-8	* CONTROLLER	1	PC.
087	3	183C04-6	* HOUSING SET	1	SET
087	3	INC. 802L43-8	* CAUTION LABEL FR/SP	1	PC.
089		815B44-7	NAME PLATE F/DHR243	1	PC.
090		266326-2	TAPPING SCREW 4X18	10	PC.
092		453124-5	F/R CHANGE LEVER	1	PC.
093		453123-7	SWITCH LEVER	1	PC.
094		650709-0	SWITCH C3JW-1A-P	1	PC.
095		233598-4	TORSION SPRING 6	1	PC.
096		313226-8	OPENER	1	PC.
097		644808-8	TERMINAL	1	PC.
098		424476-1	CUSHION	1	PC.
099		187377-1	BATTERY HOUSING SET	1	SET
099	INC.	263005-3	RUBBER PIN 6	2	PC.
100		263036-2	RUBBER PIN 5	1	PC.
101		268184-2	PIN 1.5	1	PC.
102		424473-7	CUSHION RUBBER	1	PC.
103		424473-7	CUSHION RUBBER	1	PC.
105		286263-4	CAP 35	1	PC.
106		233940-9	RING SPRING 19	1	PC.
107		418217-5	CHUCK COVER	1	PC.
108		345333-9	STOPPER	1	PC.
109		216022-2	STEEL BALL 7.0	1	PC.
110		345187-4	GUIDE WASHER	1	PC.
111		233916-6	CONICAL COMP. SPRING 21-29	1	PC.
112		267279-8	FLAT WASHER 21	1	PC.
113		324355-2	TOOL HOLDER	1	PC.
114		216013-3	STEEL BALL 6	2	PC.
115		231669-1	TORSION SPRING 31	1	PC.
116		345334-7	CHANGE RING	1	PC.
117		418218-3	CHANGE COVER	1	PC.
118		216018-3	STEEL BALL 5.0	1	PC.
119		345335-5	LEAF SPRING	1	PC.
120		267270-6	FLAT WASHER 24	1	PC.
121		233924-7	RING SPRING 21	1	PC.
124		424734-5	* SPONGE (Added)	2	PC.
A01		324219-0	DEPTH GAUGE	1	PC.

Item No	Type	Part No	Description	Qty	Unit
A02	2	194079-2	QUICK CHANGE DRILL CHUCK SET	1	PC.
A02	2	INC. 324353-6	CHUCK HOLDER	1	PC.
A02	2	INC. 418216-7	SPACER	1	PC.
A03		-----	BATTERY CHARGER		
A04		-----	18V LI-ION BATTERY		
A05		-----	LI-ION BATTERY ACCESSORIES		
A06	2	DX07	DUST EXTRACTION SYSTEM (SEE PARTS BREAKDOWN DX07)	1	PC.
A07		122574-2	1/2" DRILL CHUCK ATTACHMENT, SDS-PLUS	1	PC.
A08		122823-7	1/2" KEYLESS DRILL CHUCK ATTACHMENT, SDS-PLUS	1	PC.
A09		763432-9	CHUCK KEY S13	1	PC.
A10		195834-5	HAMMER SERVICE KIT		
A10		INC. 195127-0	OIL VESSEL SET	1	PC.
A10		INC. 213073-6	O-RING 9	1	PC.
A10		INC. 213258-4	O-RING 17.5	1	PC.
A10		INC. 216022-2	STEEL BALL 7.0	1	PC.
A10		INC. 233979-2	RING SPRING 28	1	PC.
A10		INC. 286263-4	CAP 35	1	PC.
A11		-----	SAFETY GOGGLES		
A12		-----	ROTARY HAMMER SERVICE ACCESSORIES		
A13		-----	SDS -PLUS 2 CUTTER THRUSTER ROTARY HAMMER BITS		
A13		-----	SDS -PLUS 3 ROTARY HAMMER BITS		
A14		-----	SDS-PLUS DEMOLITION BITS		
A15		195132-7	DUSTCUP SET	1	PC.
A16		421342-3	DUST CUP 5	1	PC.
A17		421664-1	DUST CUP 9	1	PC.
A18	2	195548-6	JOINT 22-38	1	PC.
A19		765009-6	BLOW-OUT BULB	1	PC.
A20	2	199588-6	DUST CASE SET	1	PC.
A21		D-14093	CHUCK ADAPTER (SDS-PLUS)	1	PC.
A21		INC. 751106-4	CHUCK ADAPTER	1	PC.
A21		INC. 251425-3	- FLAT HEAD SCREW M6X22	1	PC.
C01		872961-2	CARTON F/DHR243Z	1	PC.
D01		654281-4	RECEPTACLE	3	PC.
G12		1914X3-8	DUST EXTRACTION PAD	1	PC.

SERVICE CHANGES: DHR243

1. Changes on Housing Set & Stator

(TI#Y07053, A6091)

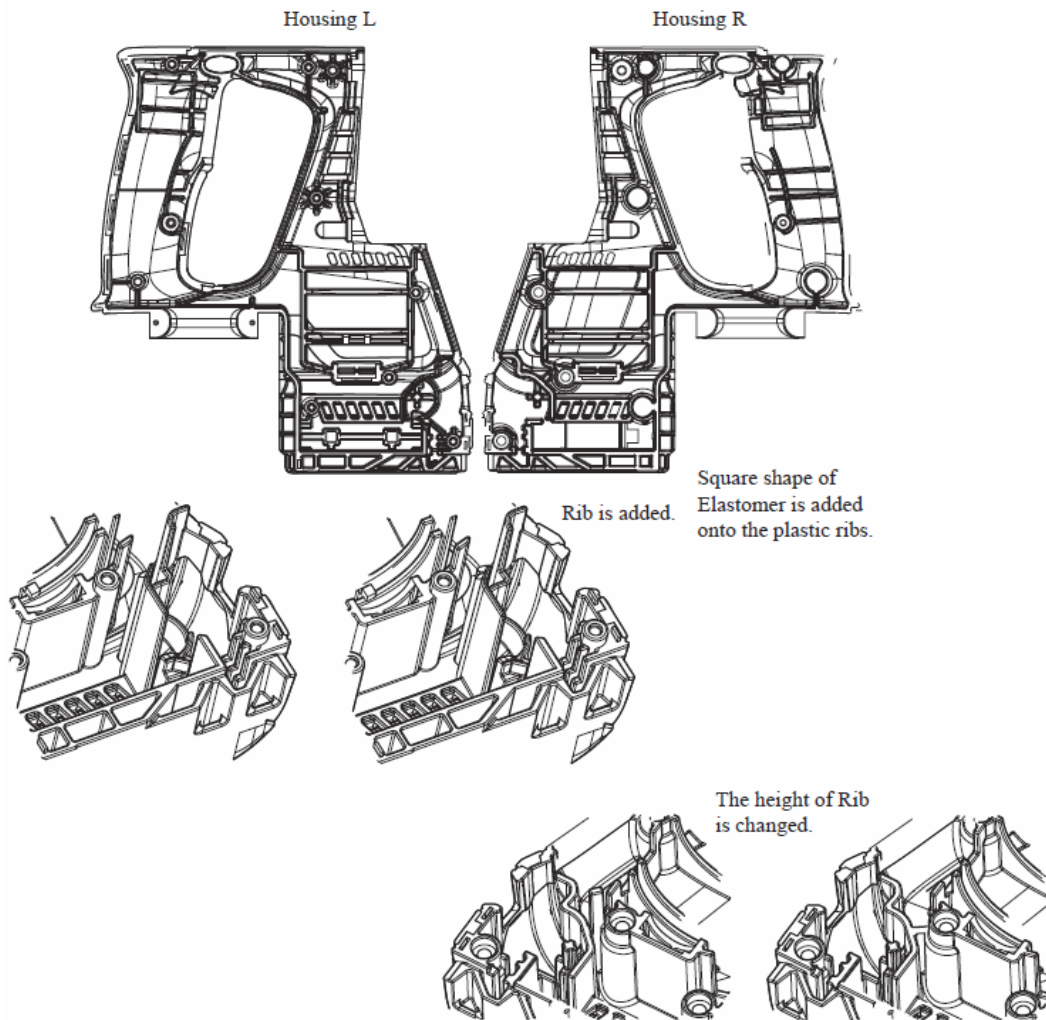
(TI#A9880)

Item No.	Description	Type 1	Type 2	Type 3
85	Stator > Startor Assy	629922-1	529922-0	529187-4
87	Housing Set	187767-8	183A40-0	183C04-6
INC.	Caution Label FR/SP	802L43-8		
124	Sponge	-----	-----	424734-5

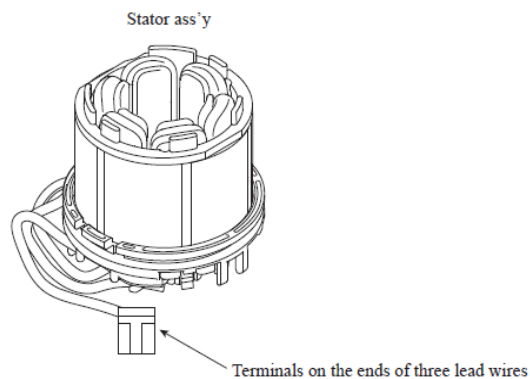
Type 2 and Type 3 parts are completely interchangeable as a set.

Left:Type 1

Right :Type 2



No. 85 Type 2 ~

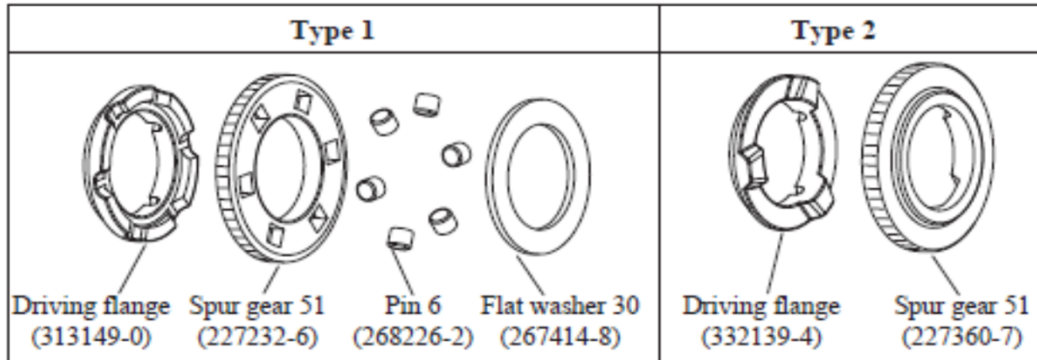


2. Changes on Spur gear 51 and Driving flange

(TI#A6980)

Item No.	Description	Type 1	Type 2
32	Spur Gear 51	227232-6	227360-7
31	Driving Flange	313149-0	332139-4
34	Flat Washer 30	267414-8	-----
33	Pin 6	268226-2	-----

Above parts are completely interchangeable as a set.

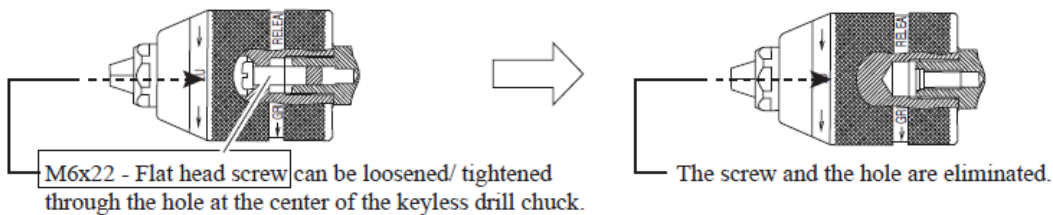


3. Changes on 2/1" Keyless drill chuck

(TI#B1754)

Item No.	Description	Type 1	Type 2
A02	Quick Change Drill Chuck Set	194079-2	194079-2
Inc.	- Flat Head Screw M6X22	251425-3	-----
Inc.	Chuck Holder	324353-6	324353-6
Inc.	Spacer	418216-7	418216-7

- M6x22 - Flat head screw has been eliminated.
- The tightening torque of the keyless drill chuck has increased from 36 - 46 N·m to 45 - 55 N·m.

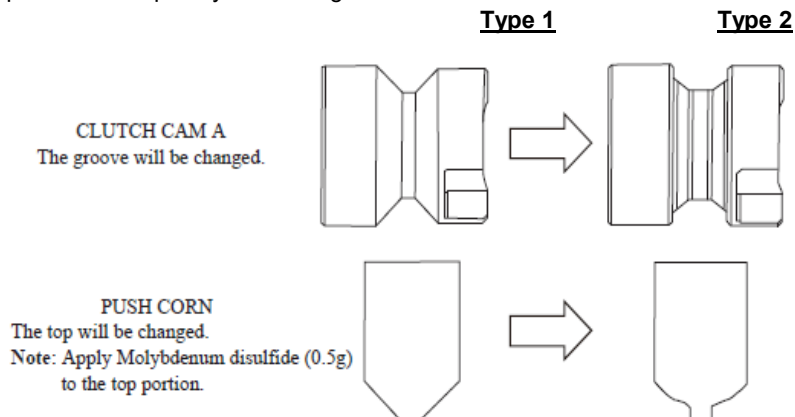


4. Changes on Clutch Cam A and Push Corn

(TI#B4855)

Item No.	Description	Type 1	Type 2
25	Push Corn	325785-0	326850-8
57	Clutch Cam A	331814-9	326849-3

Above parts are completely interchangeable as a set.



5. Changes on Controller and Rotor

(TI#DL611_DH724)

Item No.	Description	Type 1	Type 2	Components of Item No. 83 (Type 2)
86	Controller	620241-8*	620G68-8*	
83	Rotor	619293-4*	619737-4*	
80	SPIRAL BEVEL GEAR 11 COM.	-----	141458-5	
81	BALL BEARING 608LLU	-----	210024-0	
82	FLAT WASHER 8	-----	253835-0	
84	BALL BEARING 626DDW	-----	210022-4	

Above parts are completely interchangeable as a set.

*In case of repairing the machine with SPM Rotor (619293-4), use the current Controller (620241-8).

The current Controller for countries subject to standards (See page 2.) cannot be used for the products manufactured after February 2023. See T/I#DL611

		Compatibility of Combination	
		620241-8 (Current Controller)	620G68-8 (New Controller)
Rotor in the machine	SPM Rotor (619293-4)	Yes	No
	IPM Rotor (619737-4)	Yes	Yes