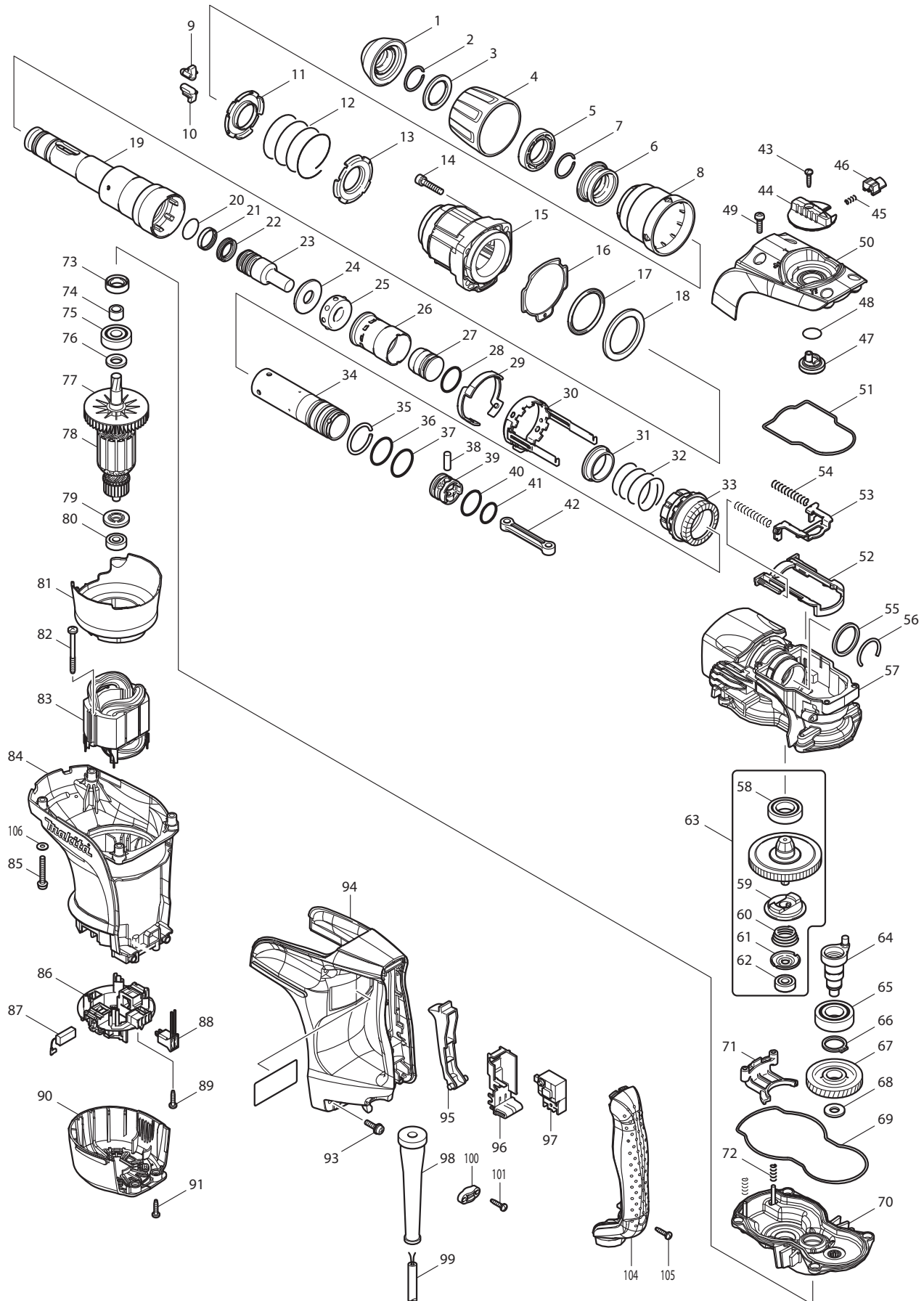




09-2010
HR4002

SDS-MAX 1-9/16" ROTARY HAMMER



PARTS LIST

Item No	Type	Part No	Description	Qty	Unit
001		286272-3	TOOL HOLDER CAP	1	PC.
002		231984-3	RING SPRING 25	1	PC.
003		267272-2	FLAT WASHER 28	1	PC.
004		419015-0	CHUCK COVER	1	PC.
005		419002-9	SPACER	1	PC.
006		324548-1	CHUCK RING	1	PC.
007		231984-3	RING SPRING 25	1	PC.
008		419016-8	RELEASE COVER	1	PC.
009		310161-1	TOOL RETAINER	1	PC.
010		310161-1	TOOL RETAINER	1	PC.
011		345579-7	SPRING GUIDE	1	PC.
012		233431-0	COMPRESSION SPRING 48	1	PC.
013		345579-7	SPRING GUIDE	1	PC.
014		922351-0	HEX. SOCKET HEAD BOLT M6X30	4	PC.
015	4	141993-3	* BARREL COMPLETE	1	PC.
015	4	INC. 233963-7	* RING SPRING 45	1	PC.
015	4	INC. 213490-0	* OIL SEAL 32	1	PC.
016	2	424565-2	SEAL SHEET	1	PC.
017		262116-1	URETHAN RING 45	1	PC.
018		267336-2	FLAT WASHER 45	1	PC.
019		324542-3	TOOL HOLDER	1	PC.
020		213317-4	O RING 20	1	PC.
021		213392-0	FLUORIDE RING 25	1	PC.
022		213281-9	X-RING 18	1	PC.
023		324569-3	IMPACT BOLT	1	PC.
024		324573-2	RING 17	1	PC.
025		421901-3	RUBBER RING 17	1	PC.
026		419003-7	SLIDE SLEEVE	1	PC.
027		324571-6	STRIKER	1	PC.
028		213962-5	O RING 22	1	PC.
029		419760-7	LOCK SLEEVE GUIDE	1	PC.
030	2	165633-9	LOCK SLEEVE	1	PC.
031		331709-6	RING 33	1	PC.
032		233448-3	COMPRESSION SPRING 37	1	PC.
033		227509-9	STRAIGHT BEVEL GEAR 25	1	PC.
034	2	326221-9	* CYLINDER 28.5	1	PC.
035		233935-2	RING SPRING 32	1	PC.
036		213406-5	O RING 30	1	PC.

Item No	Type	Part No	Description	Qty	Unit
037		213406-5	O RING 30	1	PC.
038		256197-5	PIN 7	1	PC.
039		419004-5	PISTON	1	PC.
040		213962-5	O RING 22	1	PC.
041		213379-2	O RING 21	1	PC.
042		419875-0	* CONECTING ROD	1	PC.
043		266326-2	TAPPING SCREW 4X18	1	PC.
044	2	450428-6	* CHANGE LEVER	1	PC.
045		233436-0	COMPRESSION SPRING 3	1	PC.
046		419873-4	LOCK BUTTON	1	PC.
047	2	450427-8	* LINK LEVER	1	PC.
048	2	213278-8	O RING 17	1	PC.
049		911231-5	PAN HEAD SCREW M5X20	4	PC.
050	2	168456-4	* CRANK CAP COVER COMPLETE	1	PC.
050	2	INC. 419919-6	* CRANK CAP COVER	1	PC.
051	3	424566-0	* SEAL RING	1	PC.
052		419874-2	LINK PLATE GUIDE	1	PC.
053		345582-8	LINK PLATE	1	PC.
054		233432-8	COMPRESSION SPRING 7	2	PC.
055		257268-1	RING 33	1	PC.
056		233937-8	RING SPRING 31	1	PC.
057		158231-6	CRANK HOUSING COMPLETE	1	PC.
058		211323-3	BALL BEARING 6904LLU	1	PC.
059		324549-9	DRIVING FLANGE	1	PC.
060		233936-0	CONICAL COMPRESSIONSPRING19-27	1	PC.
061		345581-0	CUP WASHER 8	1	PC.
062		210005-4	BALL BEARING 608DDW	1	PC.
063	2	135508-6	TORQUE LIMITER ASS'Y	1	PC.
063	2	INC.	Item No. 58-62		
063	2	INC. 267456-2	THIN WASHER 38	1	PC.
064		324550-4	CRANK SHAFT	1	PC.
065		211332-2	BALL BEARING 6004LLU	1	PC.
066		961060-6	RETAINING RING S-20	1	PC.
067		226648-2	HELICAL GEAR 46	1	PC.
068		253180-3	FLAT WASHER 10	1	PC.
069	2	424551-3	SEAL RING	1	PC.
070	2	158232-4	GEAR HOUSING COMPLETE TYPE2 (After Feb 2012 Production)	1	PC.
071		419018-4	CHANGE PLATE	1	PC.
072		233433-6	COMPRESSION SPRING 5	2	PC.

Item No	Type	Part No	Description	Qty	Unit
073		213231-4	OIL SEAL 15	1	PC.
074		331596-3	SLEEVE 12	1	PC.
075		211137-0	BALL BEARING 6201LLU	1	PC.
076		253084-9	FLAT WASHER 12	1	PC.
077		241863-7	FAN 70	1	PC.
078		513696-3	ARMATURE ASS'Y 115V	1	PC.
078	INC.		Item No. 74-77,79,80		
079		681644-1	INSULATION WASHER	1	PC.
080		210005-4	BALL BEARING 608DDW	1	PC.
081		419870-0	BAFFLE PLATE	1	PC.
082		266418-7	TAPPING SCREW 5X55	2	PC.
083	2	625775-6	FIELD 110V	1	PC.
084		419866-1	MOTOR HOUSING	1	PC.
085		922256-4	HEX. SOCKET HEAD BOLT M5X35	4	PC.
086		638393-1	BRUSH HOLDER UNIT	1	PC.
086	INC.	266007-8	TAPPING SCREW BIND PT 3X10	4	PC.
086	INC.	643816-6	BRUSH HOLDER	2	PC.
087	3	197244-2	CARBON BRUSH CB-351 2PC/SET W/ORIGIN	1	SET
088		638508-0	LEAD UNIT	1	PC.
089		266326-2	TAPPING SCREW 4X18	4	PC.
090		419867-9	REAR COVER	1	PC.
091		266326-2	TAPPING SCREW 4X18	2	PC.
092		863632-2	HR4002 NAME PLATE	1	PC.
093		911233-1	PAN HEAD SCREW M5X20	4	PC.
094		419868-7	HANDLE	1	PC.
095		419025-7	SWITCH LEVER	1	PC.
096		154626-1	SWITCH HOLDER COMPLETE	1	PC.
097	3	651922-3	SWITCH TG71B, SINGLE, W/O LOCK	1	PC.
098		682560-0	CORD GUARD 10	1	PC.
099		664256-5	CORD W/PLUG 2P-16-3.0M,SJ	1	PC.
100		687123-7	STRAIN RELIEF	1	PC.
101		266326-2	TAPPING SCREW 4X18	2	PC.
104		419869-5	HANDLE COVER	1	PC.
105		266326-2	TAPPING SCREW 4X18	1	PC.
106		941101-4	FLAT WASHER 5	4	PC.
200		265701-9	SCREW M6X14 (F/GRIP ASSY)	1	PC.
201		266163-4	CUP SQUARE NECK BOLT M8X80 (F/GRIP ASSY)	1	PC.
202		344491-8	GRIP SPRING 68 (F/GRIP ASSY)	1	PC.
203		344492-6	PLATE (F/GRIP ASSY)	1	PC.

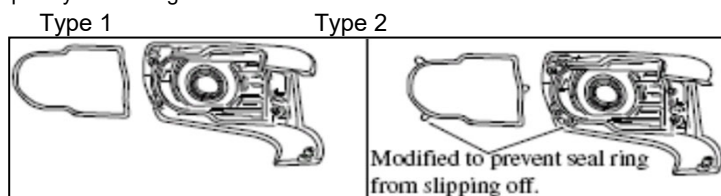
Item No	Type	Part No	Description	Qty	Unit
204		416299-1	SIDE GRIP BASE 68 (F/GRIP ASSY)	1	PC.
205		931302-2	HEX. NUT M6 (F/GRIP ASSY)	1	PC.
A01	2	135209-6	GRIP 36 ASSEMBLY	1	PC.
A01	2	INC.	Item No. 200-205, A03		
A01	2	INC.	158131-0	GRIP 36 COMPLETE	1 PC.
A02	2		194683-7	GREASE VESSEL SET, 100CC, PUMP TYPE, FOR BIT	1 PC.
A03			321248-4	DEPTH GAUGE	1 PC.
A04			824798-3	PLASTIC CARRYING CASE	1 PC.
A04		INC.	163467-4	LATCH	2 PC.
A05	2		195195-3	HAMMER SERVICE KIT (OLD# 188049-1)	1 PC.
A05	2	INC.	213317-4	O RING 20 (Item No. 24)	1 PC.
A05	2	INC.	213962-5	O RING 22 (Item No.32)	2 PC.
A05	2	INC.	286285-4	TOOL HOLDER CAP (Item No.1)	1 PC.
A05	2	INC.	213392-0	FLUORIDE RING 25 (Item No.25)	1 PC.
A05	2	INC.	213281-9	X RING 18 (Item No.26)	1 PC.
A05	2	INC.	A-90582	MAKITA GREASE R NO.00 30CC (1OZ)	2 PC.
A06			196074-8	SDS-MAX DUST EXTRACTION ATTACHMENT (See PartsBreakdown -	1 PC.
A07	2		199019-5	DUST EXTRACTOR ATTACHMENT SET	1 PC.
A11			805512-6	HR4002 MODEL NO. LABEL	1 PC.
F09			199017-9	DUST EXTRACTION PAD	1 PC.
G12			1914X3-8	DUST EXTRACTION PAD	1 PC.

SERVICE CHANGES: HR4002

1. Changes on Crank Cap Complete, etc.

Item No.	Description	Type 1	Type 2	Type 3
50	CRANK CAP COVER COM	168441-7		168456-4
51	SEAL RING	424020-4	424084-8	424566-0

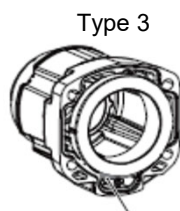
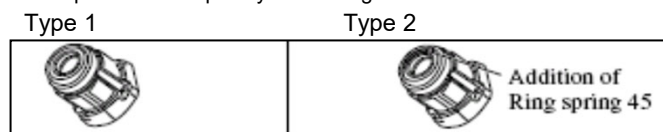
Above parts are completely interchangeable as a set.



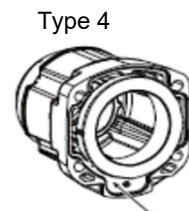
2. Changes on Barrel Complete

Item No.	Description	Type 1	Type 2	Type 3	Type 4
15	Barrel Complete	158230-8	158568-1 (W/O BLUE MARK)	158568-1 (W/BLUE MARK)	141993-3
15	Oil Seal (component of Item 15)	213490-0			
15	Ring Spring (component of Item 15)	-----	233963-7		

Above parts are completely interchangeable as a set.



Slight depression marked in blue color

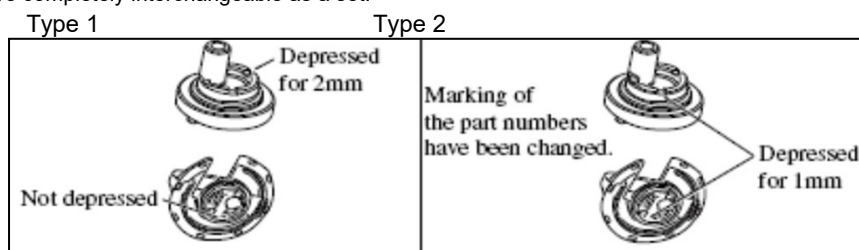


This portion is flat.

3. Changes on Change Lever & Link Lever

Item No.	Description	Type 1	Type 2
44	Change Lever	419872-6	450428-6
47	Link Lever	419871-8	450427-8

Above parts are completely interchangeable as a set.



4. Changes on Cylinder 28.5

Item No.	Description	Type 1	Type 2
34	Cylinder 28.5	324570-8	326221-9
42	Connecting Rod	419875-0	

NOTE:

The holes of Cylinder 28.5 have been reduced to two from four to improve the durability of Connecting rod.

Change Cylinder 28.5 to Type 2 one when Connecting rod is replaced with new one for repair.