



VN

VIETNAM

Diagram / Parts List

DHR202

CORDLESS COMBINATION HAMMER



This exploded view diagram illustrates the assembly of a Makita cordless angle grinder. The components are numbered 1 through 99. The diagram shows the following parts:

- Motor and Gear Assembly (Top Right):** Includes the motor housing (17), armature (16), and various gears (11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 23, 24).
- Shaft and Gear Train (Middle Right):** Features the main shaft (10), intermediate gears (34, 35, 36, 37, 38), and bearings (33, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73).
- Handle and Guard (Bottom):** Shows the main handle (75), trigger switch (76), and protective guard (77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99).
- Fasteners and Small Components:** Includes various screws (7, 8, 18, 20, 21, 22, 23, 24, 33, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99), washers (1, 2, 3, 4, 5, 6, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 23, 24, 33, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99), and O-rings (25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99).

DHR202 / CORDLESS COMBINATION HAMMER

Item	Sub	Parts No.	Parts Description	Qty	I/C	E/C No.	Close No.	Remark
001		286263-4	CAP 35	1				
002		233940-9	RING SPRING 19	1				
003		417629-9	CHUCK COVER	1				
004		257241-1	RING 21	1				
005		345187-4	GUIDE WASHER	1				
006		233916-6	CONICAL COMP. SPRING 21-29	1				
007		921923-8	HEX. BOLT M8X120	1				
008		345280-4	HEX. WASHER	1				
009		417630-4	GRIP BASE	1				
010		158057-6	GRIP 36 COMPLETE	1				
	C10	931402-8	HEX. NUT M8	1				
013		162245-9	CHANGE LEVER	1				
014		233459-8	COMPRESSION SPRING 3	1				
015		419192-8	LOCK BUTTON	1				
016		213278-8	O RING 17	1				
017		158216-2	GEAR HOUSING COMPLETE	1				
	C10	213345-9	OIL SEAL 25	1				
018		266351-3	TAPPING SCREW 4X35	4				
019		153290-5	NEEDLE BEARING COMPLETE	1				
020		961017-7	STOP RING E-3	2				
021		417796-0	GUIDE BASE	1				
022		233344-5	COMPRESSION SPRING 4	2				
023		163430-7	LOCK PLATE COMPLETE	1				
024		266374-1	TAPPING SCREW 4X25	2				
025		233929-7	RING SPRING 29	1				
026		267460-1	WASHER 31	1				
027		233401-9	COMPRESSION SPRING 32	1				
028		227109-5	SPUR GEAR 51	1				
029		216022-2	STEEL BALL 7.0	1				
030		158574-6	TOOL HOLDER COMPLETE	1				
031		267229-3	FLAT WASHER 28	1				
032		331769-8	SLEEVE 9	1				
033		324669-9	IMPACT BOLT	1				
034		324402-9	RING 10	1				
035		421955-0	CUSHION RING 13	1				
036		324216-6	O RING CASE	1				
037		213073-6	O RING 9	1				
038		233917-4	RING SPRING 28	1				
039		324214-0	STRIKER	1				
040		213227-5	O RING 16	1				
041		318132-2	PISTON CYLINDER	1				
042		267104-3	FLAT WASHER 12	1				
043		324215-8	PISTON JOINT	1				
044		267104-3	FLAT WASHER 12	1				
045		213727-5	O-RING 63	1				
046C		211012-0	BALL BEARING 606ZZ	1			A3132	
046D		211012-0	BALL BEARING 606ZZ	1			A3132	
046-1C		210028-2	BALL BEARING 606ZZ	1	O	A3132		
046-1D		210028-2	BALL BEARING 606ZZ	1	O	A3132		
046-1E		210028-2	BALL BEARING 606ZZ	1				
046-1F		210028-2	BALL BEARING 606ZZ	1				
046-1G		210028-2	BALL BEARING 606ZZ	1				
047		961003-8	RETAINING RING S-7	1				
048		233343-7	COMPRESSION SPRING 7	1				
049		227179-4	SPUR GEAR 10	1				
050		324668-1	CAM SHAFT	1				
051		331992-5	CLUTCH CAM	1				
052C		219014-0	SWASH BEARING 10	1			DV534	
052D		219014-0	SWASH BEARING 10	1			DV534	
052E		219014-0	SWASH BEARING 10	1			DV534	
052F		219014-0	SWASH BEARING 10	1			DV534	
052-1C		219021-3	SWASH BEARING 10	1	O	DV534		
052-1D		219021-3	SWASH BEARING 10	1	O	DV534		
052-1E		219021-3	SWASH BEARING 10	1	O	DV534		
052-1F		219021-3	SWASH BEARING 10	1	O	DV534		

C:DHR202RFE(H)
D:DHR202Z(N)
E:DHR202SYE(H)
F:DHR202RF(H)
G:DHR202RT(H)

Interchange
O : Yes
X : No
< : the new part can be substituted for the current.
> : the current part can be substituted for the new.
S : Interchangeable as a set.

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Item	Sub	Parts No.	Parts Description	Qty	I/C	E/C No.	Close No.	Remark
052-1G		219021-3	SWASH BEARING 10	1				
053C		226632-7	HELICAL GEAR 25	1			D6068	
053D		226632-7	HELICAL GEAR 25	1			D6068	
053E		226632-7	HELICAL GEAR 25	1			D6068	
053F		226632-7	HELICAL GEAR 25	1			D6068	
053-1C		226985-4	HELICAL GEAR 25	1	S	D6068		
053-1D		226985-4	HELICAL GEAR 25	1	S	D6068		
053-1E		226985-4	HELICAL GEAR 25	1	S	D6068		
053-1F		226985-4	HELICAL GEAR 25	1	S	D6068		
053-1G		226985-4	HELICAL GEAR 25	1				
054		266273-7	HEX. SOCKET HEAD BOLT M4X12	2				
055		345179-3	BEARING RETAINER	1				
056C		267234-0	FLAT WASHER 8	1			D6068	
056D		267234-0	FLAT WASHER 8	1			D6068	
056E		267234-0	FLAT WASHER 8	1			D6068	
056F		267234-0	FLAT WASHER 8	1			D6068	
057C		211032-4	BALL BEARING 608ZZ	1			A3132	
057D		211032-4	BALL BEARING 608ZZ	1			A3132	
057-1C		210029-0	BALL BEARING 608ZZ	1	O	A3132		
057-1D		210029-0	BALL BEARING 608ZZ	1	O	A3132		
057-1E		210029-0	BALL BEARING 608ZZ	1				
057-1F		210029-0	BALL BEARING 608ZZ	1				
057-1G		210029-0	BALL BEARING 608ZZ	1				
058		324212-4	RING 8	1				
059		961011-9	STOP RING E-4	1				
060		941102-2	FLAT WASHER 5	1				
061		233342-9	COMPRESSION SPRING 6	1				
062		345363-0	CHANGE PLATE	1				
063		141574-3	INNER HOUSING COMPLETE	1				
065		213407-3	O RING 26	1				
066		213077-8	OIL SEAL 10	1				
067		210059-1	BALL BEARING 6000DDW	1				
068		267213-8	FLAT WASHER 10	1				
069		240092-9	FAN 64	1				
070		519226-8	ARMATURE ASS'Y 18V	1				
	D10		INC. 67-69,71,72					
071		253823-7	FLAT WASHER 7	1				
072		210023-2	BALL BEARING 627DDW	1				
073		267816-8	WAVE WASHER 15	1				
074		815F22-1	DHR202 NAME PLATE	1				
075		188515-8	HOUSING SET	1				
	D10		INC. 82					
076		638020-0	YOKE UNIT	1				
077		643834-4	BRUSH HOLDER	1				
078		643835-2	BRUSH HOLDER	1				
079		266326-2	TAPPING SCREW 4X18	2				
080		911011-9	PAN HEAD SCREW M3X10	1				
081		689070-8	HEAT SINK	1				
082		188515-8	HOUSING SET	1				
	D10		INC. 75					
083		424128-4	HOLDER CAP COVER	2				
084		643829-7	HOLDER CAP	2				
085		195022-4	CARBON BRUSH SET CB-441	1				
086		424111-1	SWITCH COVER	1				
087		450615-7	F/R CHANGE LEVER	1				
088		638883-4	SWITCH UNIT	1				
	C10	654199-9	RECEPTACLE	2		DE288		
	C10	654199-9	RECEPTACLE	2		DE288		
	C10	654199-9	RECEPTACLE	2		DE288		
	C10	654199-9	RECEPTACLE	2		DE288		
	C10	654199-9	RECEPTACLE	2				
089		631792-6	LIGHT CIRCUIT	1				
090		266326-2	TAPPING SCREW 4X18	7				
091		644808-8	TERMINAL	1				
092		187212-3	BATTERYHOUSING SET	1				

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Item	Sub	Parts No.	Parts Description	Qty	I/C	E/C No.	Close No.	Remark
	C10	263005-3	RUBBER PIN 6	2				
	D10		INC. 95					
093		263036-2	RUBBER PIN 5	1				
094		268184-2	PIN 1.5	1				
095		187212-3	BATTERYHOUSING SET	1				
	C10	263005-3	RUBBER PIN 6	2				
	D10		INC. 92					
096		266326-2	TAPPING SCREW 4X18	2				
097		424042-4	CUSHION RUBBER	1				
098		424476-1	CUSHION	1				
099		424042-4	CUSHION RUBBER	1				
100		123100-0	TOOL HOLDER ASS'Y	1				
	D10		INC. 25-28,30,32-38					
A01		324219-0	DEPTH GAUGE	1				
A02C		194204-5	BATTERY BL1830 SET	2			A5588	
A02-1C		194204-5	BATTERY BL1830 SET	2	O	A5588	B2535	
A02-1E		196235-0	BATTERY BL1815N SET	2				
A02-1F		194204-5	BATTERY BL1830 SET	1			B2535	
A02-2C		197600-6	BATTERY BL1830B SET	2	<	B2535	C4176	
A02-2F		197600-6	BATTERY BL1830B SET	1	<	B2535	C4176	
A02-3C		197600-6	BATTERY BL1830B SET	2	O	C4176		
A02-3F		197600-6	BATTERY BL1830B SET	1	O	C4176		
A02-3G		197280-8	BATTERY BL1850B SET	1				
A03C		450128-8	BATTERY COVER	1				
A03E		450128-8	BATTERY COVER	1				
A04C		***DC18RC	DC18RC FAST CHARGER	1				
A04E		***DC18SD	DC18SD BATTERY CHARGER	1			DF610	
A04F		***DC18RC	DC18RC FAST CHARGER	1				
A04G		***DC18RC	DC18RC FAST CHARGER	1				
A04-1E		***DC18SD	DC18SD BATTERY CHARGER	1	O	DF610		
A05C		141642-2	PLASTIC CASE COMPLETE	1				
	C10	163455-1	LATCH	2				
A05E		141642-2	PLASTIC CASE COMPLETE	1				
	C10	163455-1	LATCH	2				
A05F		141642-2	PLASTIC CASE COMPLETE	1				
	C10	163455-1	LATCH	2				
A05G		141642-2	PLASTIC CASE COMPLETE	1				
	C10	163455-1	LATCH	2				
F04		194254-0	KEYLESS DRILL CHUCK SET	1		B1754		
F06C		1914C6-5	GREASE SET	1		DR335		
F06D		1914C6-5	GREASE SET	1		DR335		
F06E		1914C6-5	GREASE SET	1		DR335		
F06F		1914C6-5	GREASE SET	1		DR335		
F06G		1914C6-5	GREASE SET	1				
F25		192349-3	JOINT 25	1				
F30		194649-7	BATTERY PROTECTOR	1				
	C10	251314-2	+ TRUSS HEAD SCREW M4X12	2				
F36		196448-3	BATTERY BL1815N SET	1			C1574	
F36-2C		196235-0	BATTERY BL1815N SET	1	O	C1574		
F36-2D		196235-0	BATTERY BL1815N SET	1	O	C1574		
F36-2E		196235-0	BATTERY BL1815N SET	1	O	C1574		
F36-2F		196235-0	BATTERY BL1815N SET	1	O	C1574		
F36-2G		196235-0	BATTERY BL1815N SET	1				
F37-1C		196449-1	BATTERY BL1815N SET	1	O	A6986		
F37-1D		196449-1	BATTERY BL1815N SET	1	O	A6986		
F37-1E		196449-1	BATTERY BL1815N SET	1	O	A6986		
F37-1F		196449-1	BATTERY BL1815N SET	1	O	A6986		
F37-1G		196449-1	BATTERY BL1815N SET	1				
F38		196450-6	BATTERY BL1815N SET	1			C1574	
F38-2C		196449-1	BATTERY BL1815N SET	1	O	C1574		
F38-2D		196449-1	BATTERY BL1815N SET	1	O	C1574		
F38-2E		196449-1	BATTERY BL1815N SET	1	O	C1574		
F38-2F		196449-1	BATTERY BL1815N SET	1	O	C1574		
F38-2G		196449-1	BATTERY BL1815N SET	1				
G12C		1914X3-8	DUST EXTRACTION PAD SET	1		DW136		

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