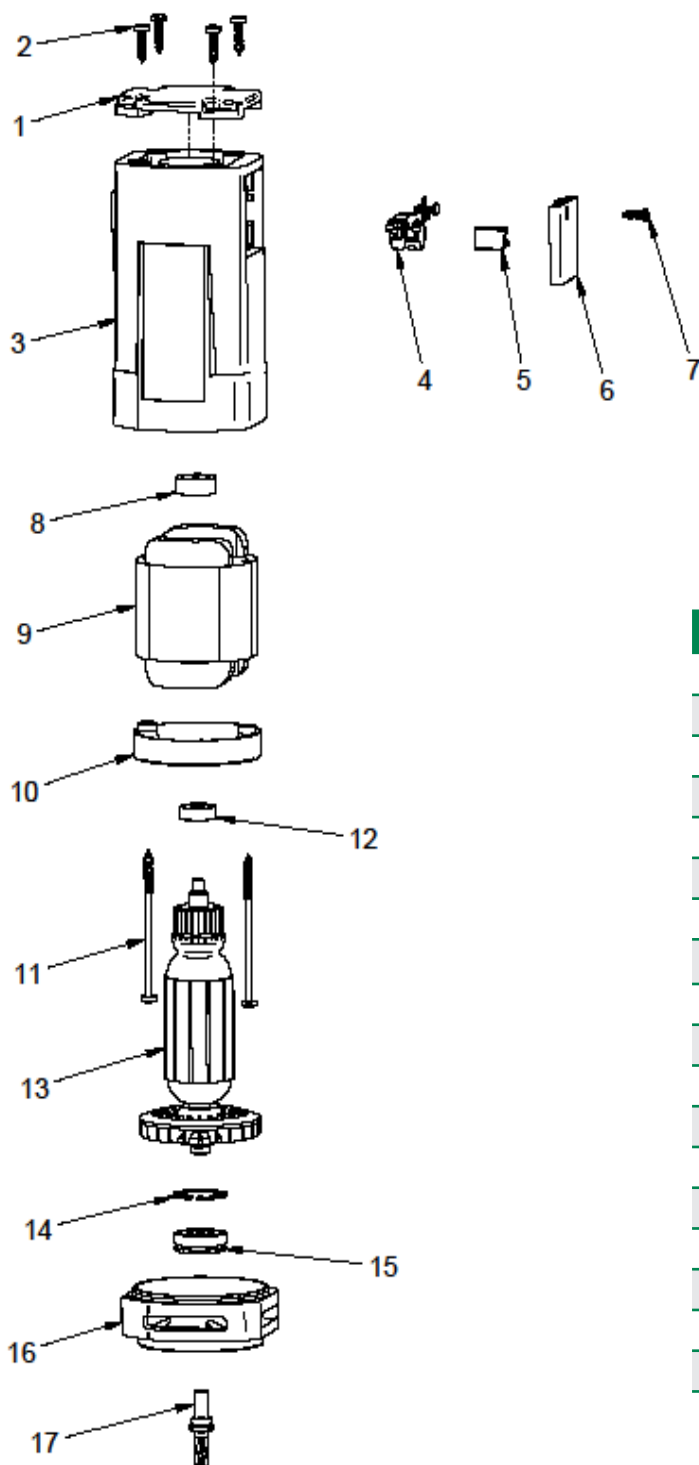


PLEASE SPECIFY TOOL MODEL # WHEN ORDERING PARTS

PARTS BREAKDOWN	Model #: MAB 150	Bulletin #: 10-2017
PARTS LISTING	Description: Portable Magnetic Drill	Prepared By: SCW
WIRING DIAGRAM	Date: 4/25/2017	



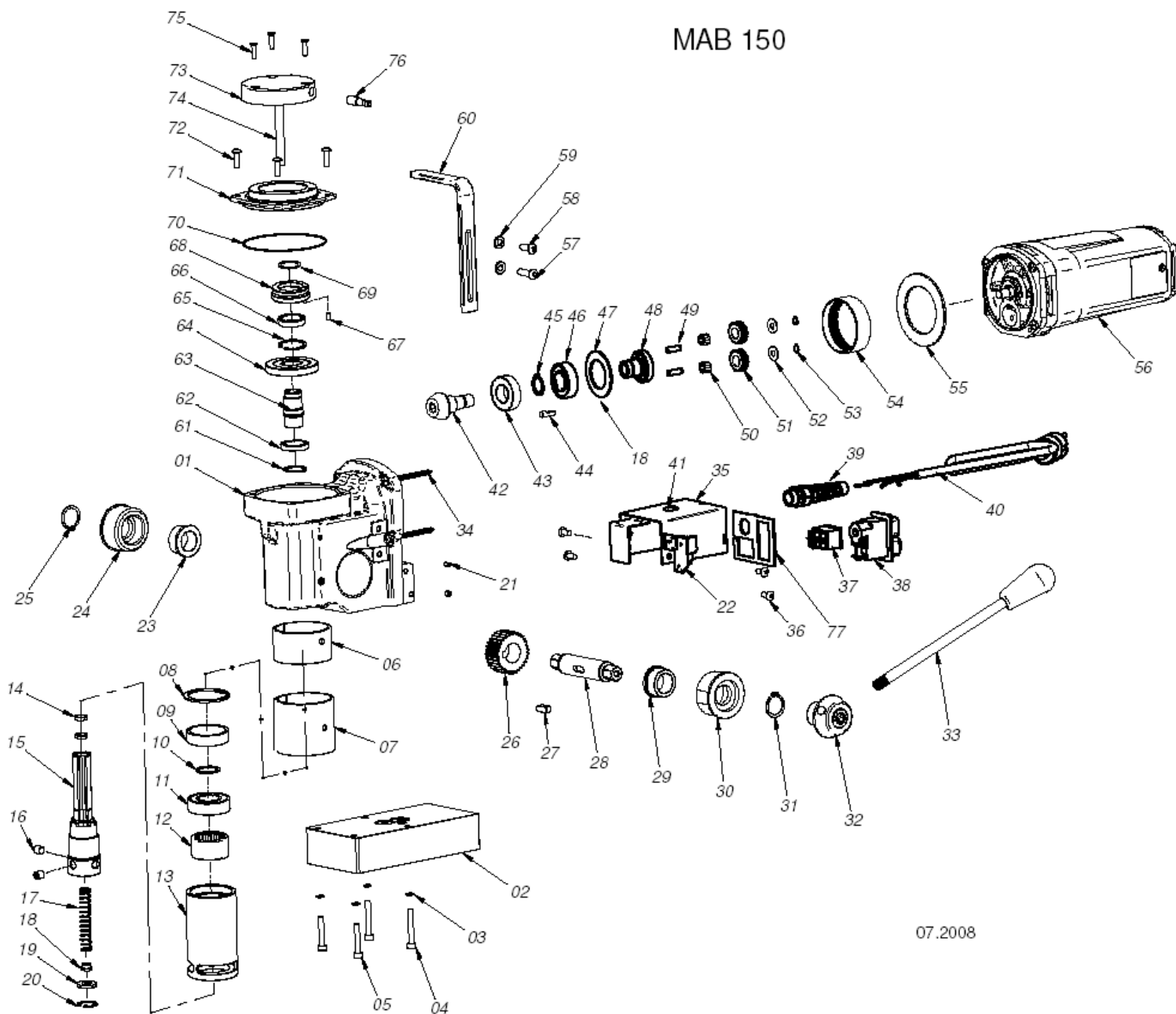
MAB 150 MOTOR PARTS LIST

Pos. #	Part #	Description
1	50 1324 1	Cap for motor housing
2	50 1325 1	Screw M5 x 20
3	5012971	Motor housing
4	5013211	Carbon brush holder compl.
5	5013221	Carbon brush 6,4 x 12,5 x 19
6	5013191	Cap for carbon brush
7	5013201	Screw M4 x 13
8	5013181	Bearing cap 22 x 9
9	5013161	Field coil 220-240V
9A	5013171	Field coil 110V
10	5013151	Cap for field coil
11	5013131	Screw 4,8 x 85
12	5013141	Ball bearing 627 ZZ C3
13	6012911	Armature 220-240V
13A	6012861	Armature 110V
14	5013071	Circlip ring inside 32W
15	5013081	Ball bearing 6201 2RSH C3
16	6012751	Shield plate
17	6012501	8- spline Armature gear wheel
	6012502	6-spline Armature Gear Wheel

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PARTS BREAKDOWN	Model #: MAB 150	Bulletin #: 10-2017
PARTS LISTING	Description: Portable Magnetic Drill	Prepared By: SCW
WIRING DIAGRAM	Date: 4/25/2017	

MAB 150 STAND BREAKDOWN



PLEASE SPECIFY TOOL MODEL # WHEN ORDERING PARTS

PARTS BREAKDOWN	Model #: MAB 150	Bulletin #: 10-2017
PARTS LISTING	Description: Portable Magnetic Drill	Prepared By: SCW
WIRING DIAGRAM	Date: 4/25/2017	

MAB 150 STAND PARTS LIST

Pos. #	Part #	Description
1	6012311	Housing
2	6012321	Magnet (electric)
3	6012331	Spring washer 5,1
4	6012341	Screw M5 x 8 SHCS
5	6012351	Screw M5 x 30
6	6012361	Gear jack 2
7	6012371	Gear jack 1
8	6012381	Circlip ring inside 42W
9	6012391	Distance sleeve
10	6012401	Circlip ring outside 20Z
11	5012281	Ball bearing 6004 2RS
12	6012421	Needle bearing RHNA 303720
13	6012431	Shaft for gear wheel
14	6012441	Sealing ring
15	6012451	Spindle
16	6010181	Set screw M8 x 8
17	6012471	Spring for arbor
18	6012481	Washer
19	6012491	Sealing washer
20	5013381	Circlip ring inside 19W
21	6012511	Set screw M6 x 8
22	6012461	PC board 230V
22 A	6012551	PC board 110V
23	6012531	Self-lubricating jack
24	6012541	Holder for guide shaft
26	6012561	Gear wheel 32Z
27	6012571	Spring 6 x 6 x 16
28	6012581	Shaft
32	6012621	Head for gear wheel
33	6012631	Handle rod with knob
34	6012641	Screw 5 x 60
35	6012651	Electronic bracket (includes 77)
36	6012661	Screw M5 x 10
37	7010142	Magnet switch

Pos. #	Part #	Description
38	7010802	Actuator 230V
38A	7010931	Actuator 110V
39	7010031	Mains cable gland PG 11
40	7010042	Connection cable compl. with plug
40A	7010042	Connection cable 220-240V with GB-plug
40B	7010051	Connection cable 110V (plug on demand)
41	6012711	Ring for electronic bracket
42	6012411	Pinion shaft T=11
43	6012731	Ball bearing 6003
44	6012741	Stop pin
46	6012761	Ball bearing 6004
47	6012771	Shaft for gear box washer 55 x 1,8
48	6012781	Ring gear
49	6012791	Support pin 6 x 19
50	6012801	Needle bearing 2,5 x 7,8
51	6012811	Pinion T=27
52	6012821	Washer 14 x 6,1 x 1
53	6012831	Circlip ring outside 6Z
54	6012841	Ring T=62
55	6012851	Washer
56	6001501	Motor compl. 230V
56A	6001511	Motor compl. 110V
57	6012871	Screw M6 x 20
58	6012881	Screw M6 x 16
59	6012891	Washer 6,4
60	6012901	Carrier handle
61	6011921	Circlip ring outside 30Z
62	6012921	Ball bearing 6806 LLU
63	6012931	Bevel gear shaft
64	6012941	Supporting disc
65	6012951	Circlip ring inside 37W



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PARTS BREAKDOWN	Model #: MAB 150	Bulletin #: 10-2017
PARTS LISTING	Description: Portable Magnetic Drill	Prepared By: SCW
WIRING DIAGRAM	Date: 04/25/2017	

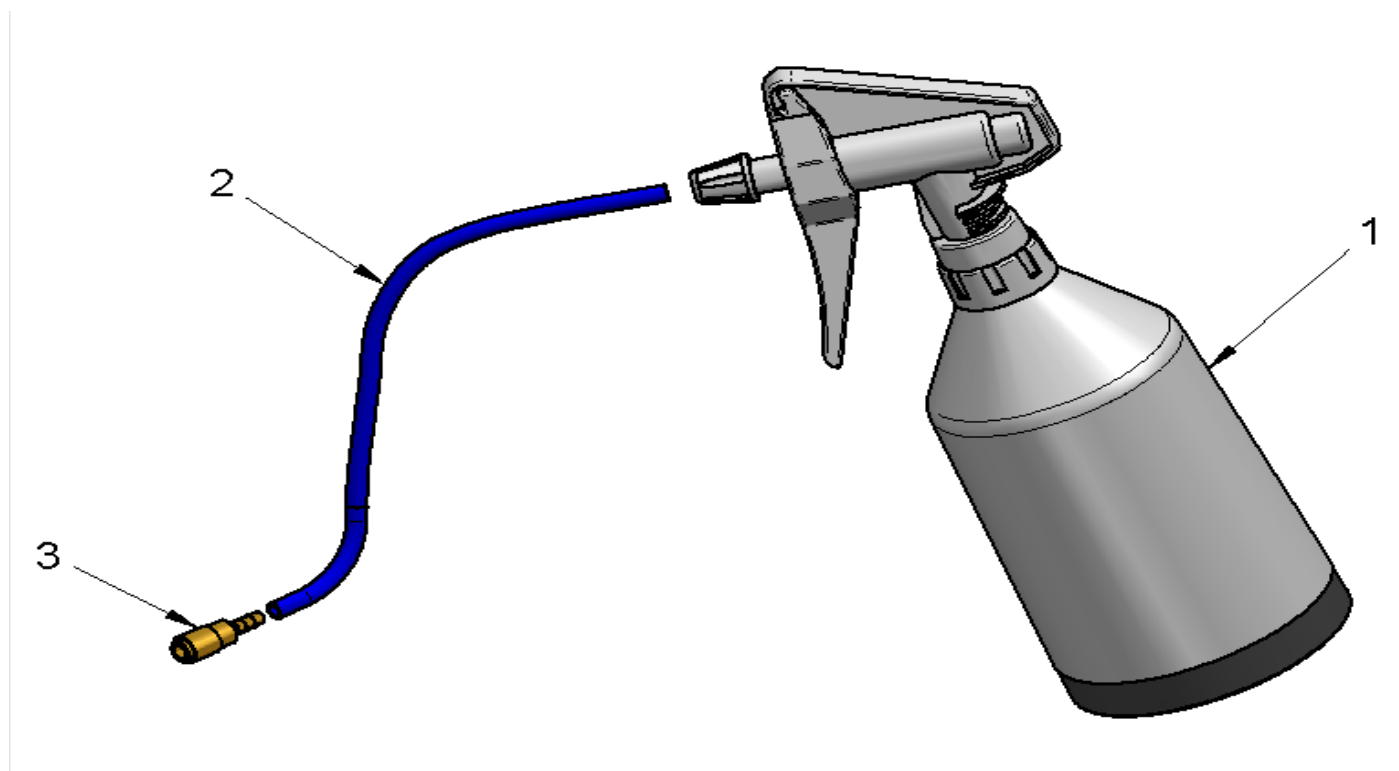
MAB 150 STAND PARTS LIST - continued

Pos. #	Part #	Description
66	6012961	Ball bearing 61805 RS
67	6012971	Gewindestift M5 x 10
68	6012981	Cover for bevel gear
69	6012991	Circlip ring 25Z Type A
70	6012521	O-Ring 80 x 1,3
71	6012591	Cover for bearing
72	6012601	Screw M5 x 16
73	6012611	Cover for gear box
74	6012671	Tube for coolant supply
75	6012681	Screw M4 x 16 FHSCS
76	ZSS 200N	Brass Nipple
77	included with position # 35 (Part # 6012651)	

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MAB 150 INTERNAL LUBRICATION



INTERNAL LUBRICATION PARTS LIST

Pos. #	Part #	Description
1	ZKK 150	Oil pump bottle
2	ZKK 150S	Cooling tube
3	ZSS 200K	Quick Coupling
4	ZKK 150 C	Coolant Bottle Manual Pump for MAB 150 Complete

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MAB 150 WIRING DIAGRAM

