

OPERATION AND PARTS MANUAL



MODEL TP24 TILE SAW (ELECTRIC MOTOR)

Revision #4 (09/12/19)

THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

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TP24 Tile Saw

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SUGGESTED SPARE PARTS

TP24 TILE SAW WITH ELECTRIC MOTOR

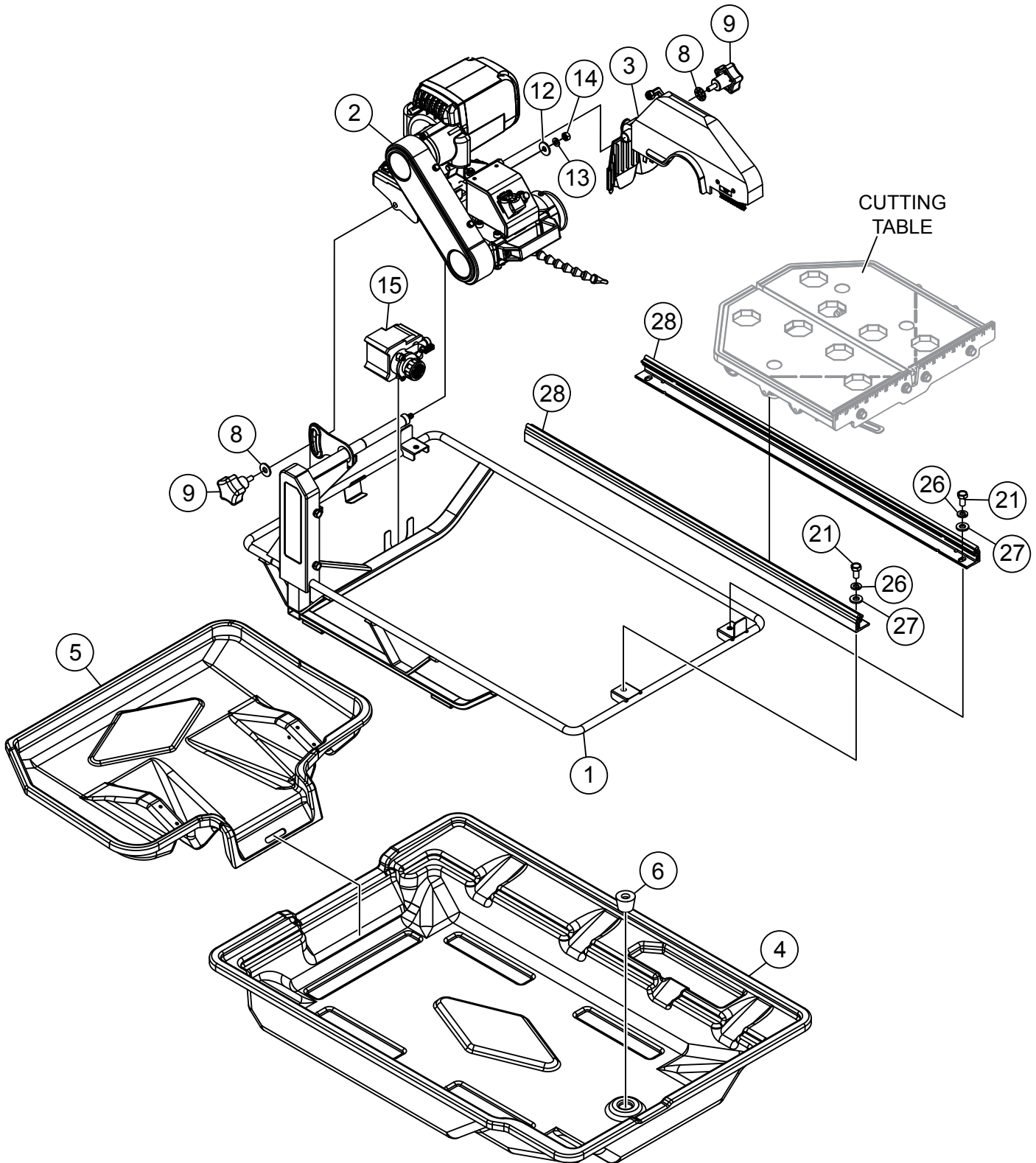
1 to 3 units

Qty.	P/N	Description
1.....	TP100072.....	V-BELT
1.....	TPS100003.....	SWITCH, TOGGLE 15A
1.....	TP100152.....	CARBON BRUSH

NOTICE

Part numbers on this Suggested Spare Parts list may supersede/replace the part numbers shown in the following parts lists.

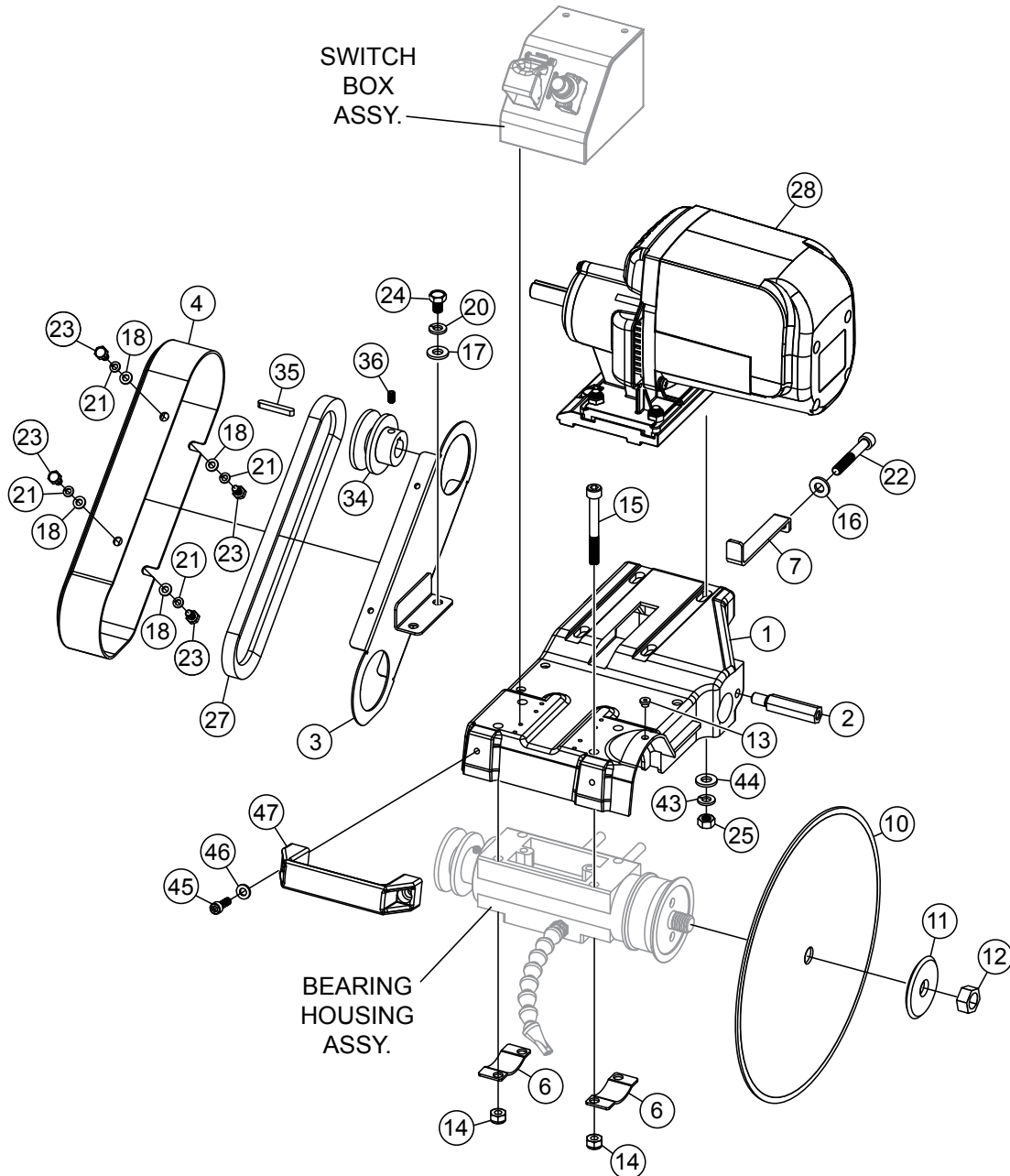
MAIN SAW ASSY.



MAIN SAW ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	TP100125	FRAME ASSY	1	
2	TP100127	CUTTING HEAD ASSY	1	
3	TP100129	10" BLADE GUARD ASSY	1	
4	TP100143	WATER TRAY	1	
5	TP100144	WATER TRAY, BACK DRIP	1	
6	TP100140	PLUG, WATER TRAY	1	
8	TP100138	M10 SPRING WASHER	2	
9	TP100139	KNOB, M8 X 1.25 X 20L	1	
12	TP100141	WASHER, M8	1	
13	TP100080	WASHER SPRING M10	1	
14	TP100086	NUT, M8 X 1	1	
15	TP100132	WATER PUMP, 230 GAL/HR	1	
21	TP100109	BOLT, HEX M8 X 1.25 X 16L	4	
26	TP100080	WASHER, SPRING M8	4	
27	TP100141	WASHER, NARROW M8	4	

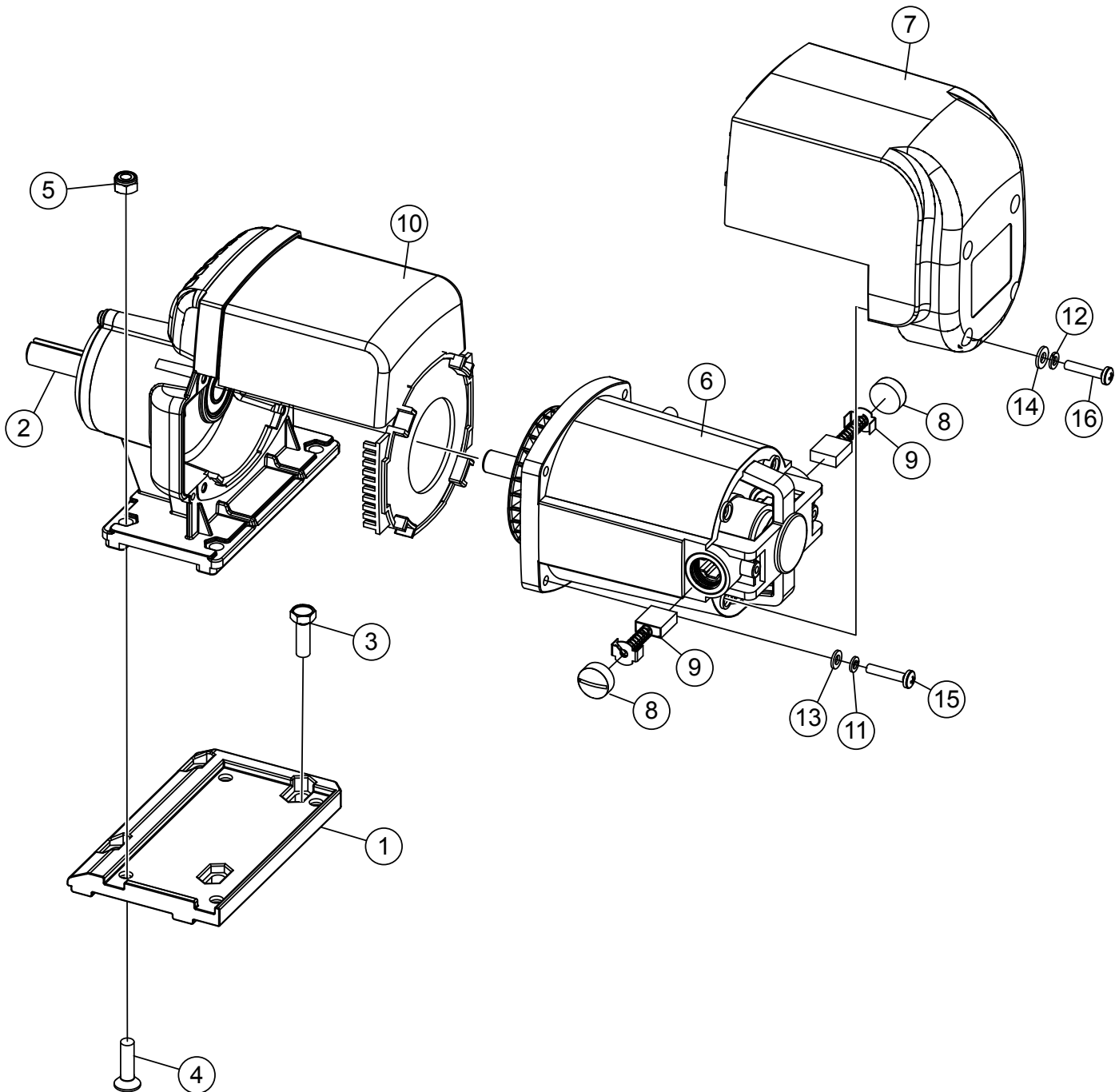
CUTTING HEAD ASSY.



CUTTING HEAD ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	TP100064	MOUNTING PLATE	1	
2	TP100068	SHAFT, BLADE GUARD	1	
3	TP100069	BRACKET, BELT GUARD	1	
4	TP100067	BELT GUARD	1	
6	TP100077	BRACKET, LCBH	2	
7	TP100074	BRACKET, MOTOR TENSION	1	
10		BLADE, 10" GENERAL PURPOSE	1.....	CONTACT UNIT SALES
11	TP100136	FLANGE, UNIVERSAL, DIA 5/8"	1	
12	TP100137	NUT, 5/8-11 UNC	1	
13	TP100075	RUBBER STOP, CIRCULAR D6	1	
14	TP100086	NUT, NYLON M8 X 1.25	4	
15	TP100085	BOLT, HHSC M8 X 1.25 X 70L X 28	4	
16	TP100142	WASHER, M8	1	
17	TP0120	WASHER, M8 NARROW	2	
18	TP100061	WASHER, NARROW M6	4	
20	TP0121	WASHER, M8 LOCK	2	
21	TP100081	WASHER, SPRING M5	4	
22	TP100083	BOLT, HHSC, M8 X 1.25 X 55L X 28	1	
23	TP100062	BOLT, HEX M6 X 1 X 10L	4	
24	TP100087	BOLT, HEX M8 X 1.25 X 12L	2	
25	TP100082	NUT, M8 X 1	4	
27	TP100072	V-BELT, 23"	1	
28	TP100066	MOTOR ASSY	1	
34	TP100092	PULLEY, MOTOR	1	
35	TP100093	KEY, SQUARE 5 X 5 X 30L	1	
36	TP100094	SET SCREW, FLAT POINT, M6 X 1 X 10L	1	
43	TP100080	WASHER, SPRING M8	4	
44	TP100079	WASHER, NARROW M8	4	
45	TP100084	BOLT, HHS M6 X 1 X 20L	2	
46	TP100061	WASHER, NARROW M6	2	
47	TP100073	HANDLE, RECTANGLE 26.5H X 7W X 93L	1	

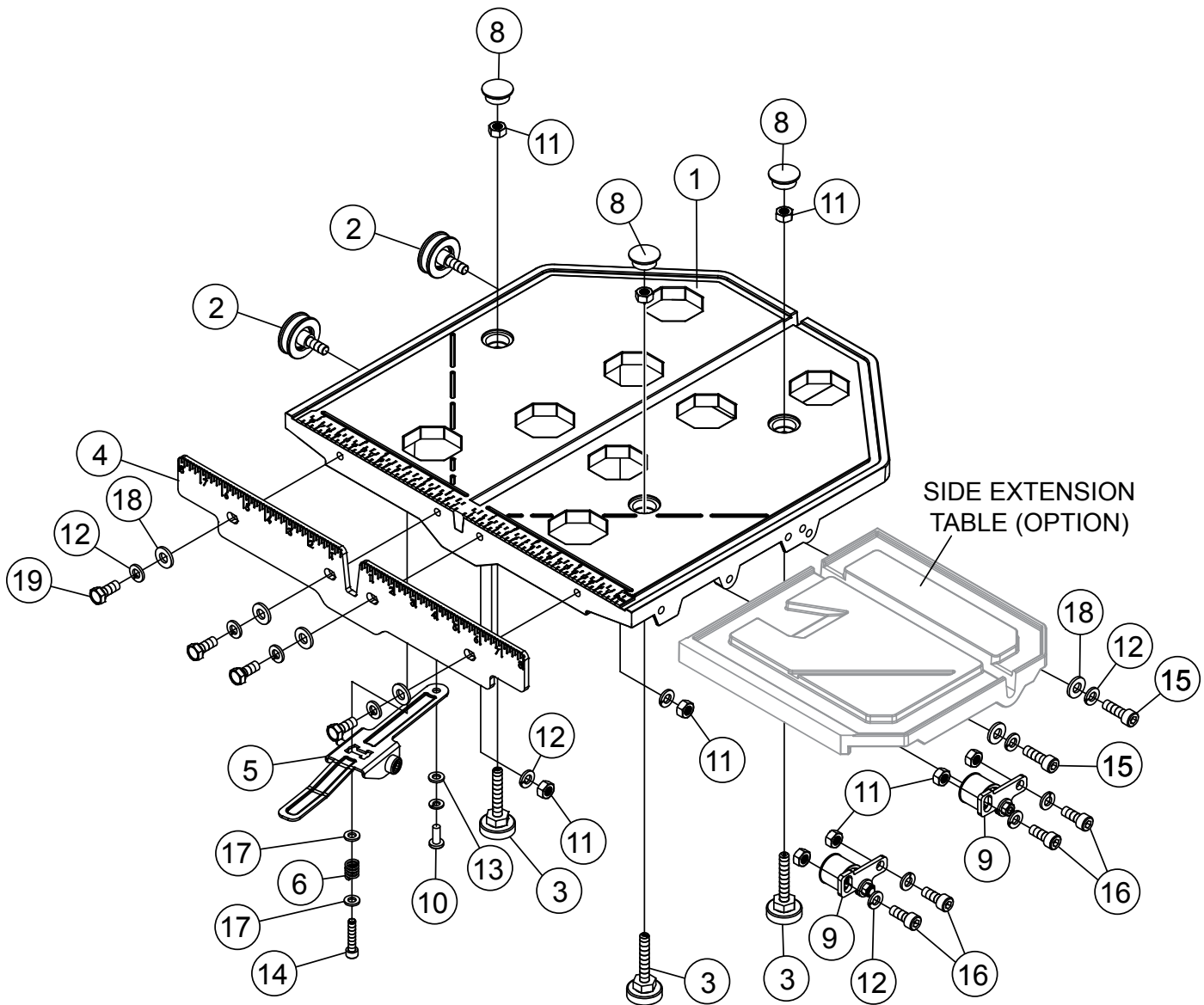
ELECTRIC MOTOR ASSY.



ELECTRIC MOTOR ASSY.

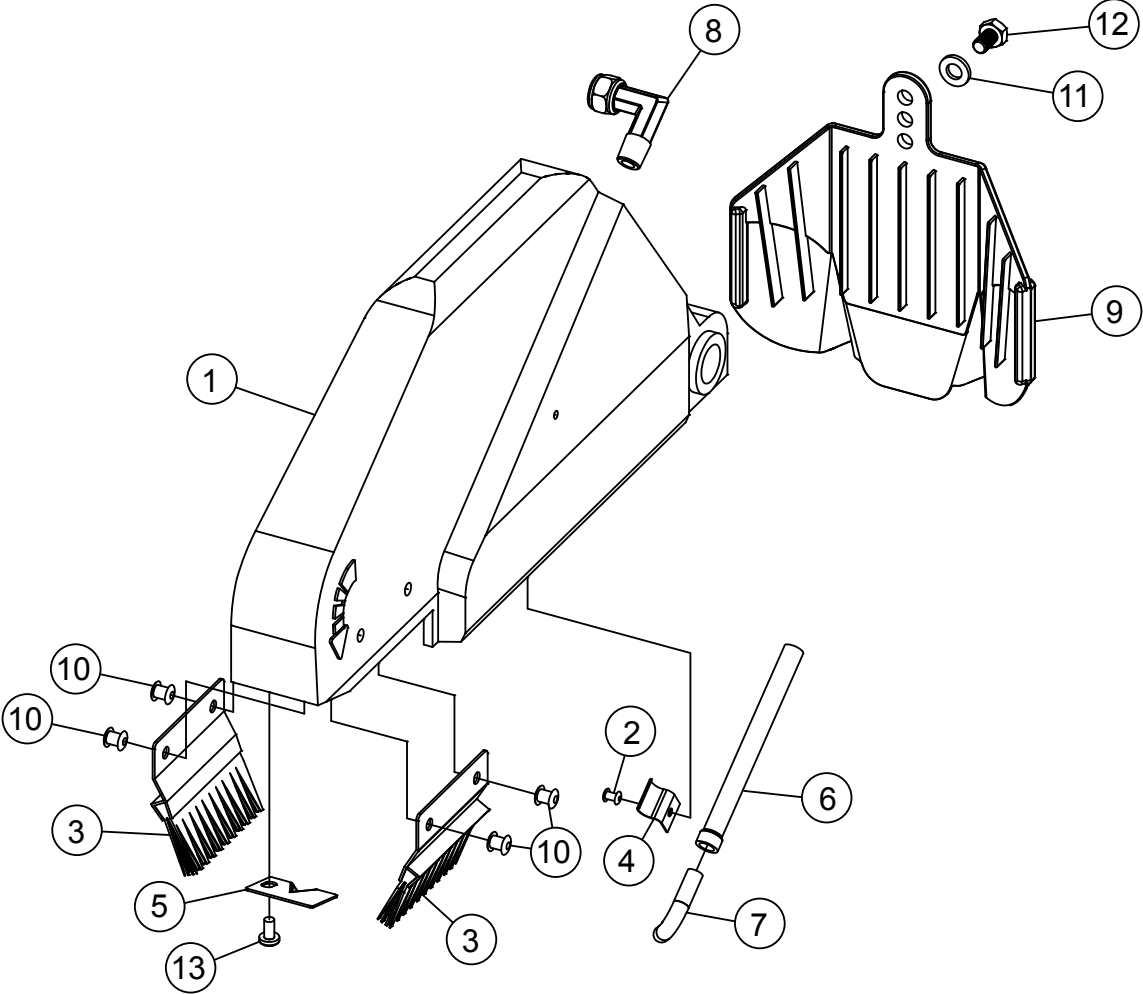
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	TP100145	MOUNTING BLOCK	1	
2	TP100146	MOTOR ASSY, M2 2HP	1	
3	TP100147	BOLT, HEX M8 X 1.25 X 25L	4	
4	TP100148	BOLT, COUNTERSUNK SOCKET, M8 X 1.25 X 30L	1	
5	TP100082	NUT, NYLON M8 X 1.25	4	
6	TP100149	ARMATURE AND WINDING ASSY	1	
7	TP100150	MOTOR COVER	1	
8	TP100151	CAP, CARBON BRUSH	2	
9	TP100152	CARBON BRUSH, 17MM X 7 M (SET OF 2)	1	
10	TP100153	WIND BAFFLE	1	
11	TP100154	WASHER, SPRING M5	4	
12	TP100155	WASHER, SPRING M4	4	
13	TP100156	WASHER, NARROW M5	4	
14	TP100157	WASHER, NARROW M4	4	
15	TP100158	CROSS SCREW, M5 X .8 X 25L	4	
16	TP100159	CROSS SCREW, M4 X .7 X CROSS SCREW	4	

CUTTING TABLE ASSY.



CUTTING TABLE ASSY.

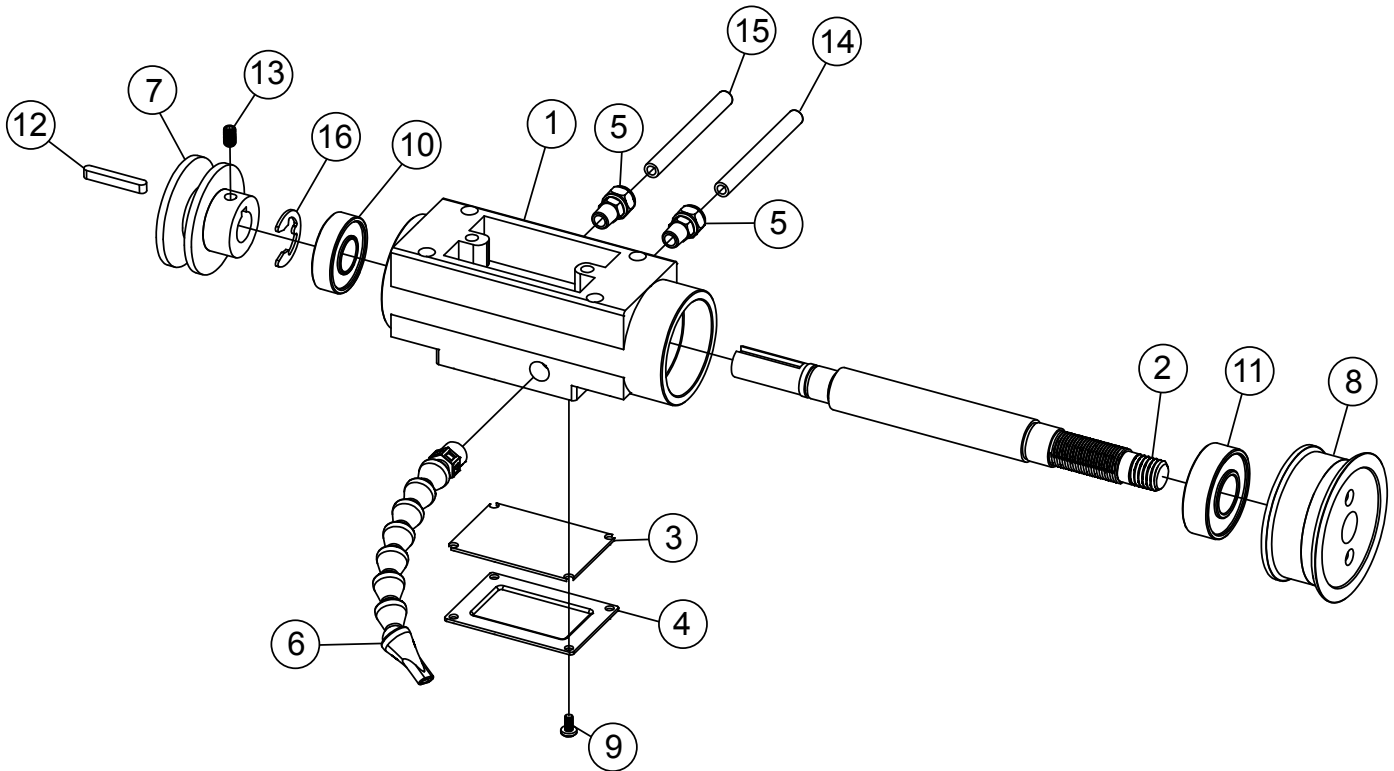
<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	TP100095	CUTTING TABLE	1	
2	TP100097	GUIDE ROLLER (SET OF 2)	1	
3	TP100098	CONCENTRIC FLAT ROLLER	3	
4	TP100099	RULER GUIDE	1	
5	TP100100	SPRING LOCK ASM	1	
6	TP100101	SPRING	1	
8	TP100103	RUBBER CAP	3	
9	TP100105	FLAT ROLLER ASM (SET OF 2)	1	
10	TP0322	HEX BOLT M6X1.0X10L	1	
11	TP100082	NUT M8X1	9	
12	TP0121	WASHER LOCK M8	12	
13	TP100081	WASHER LOCK M6	1	
14	TP25095	HEX BOLT M6X1.0X30L	1	
15	TP100107	HEX BOLT M8X1.25X25L	2	
16	TP100108	HEX BOLT M8X1.25X20L	4	
17	TP0384	WASHER NARROW M6	2	
18	TP0120	WASHER NARROW M8	6	
19	TP100109	HEX BOLT M8X1.25X20L	4	



BLADE GUARD ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	TP100051	BLADE GUARD	1	
2	TP100053	M3 RIVET	1	
3	TP100054	PLASTIC BRUSHES	2	
4	TP100055	RETAINING CLIP	1	
5	TP100056	WATER BAFLE PLATE	1	
6	TP110057	WATER TUBE	1	
7	TP100058	D6.4MM 90° ELBOW PIPE	1	
8	TP100059	D8 90° ELBOW HOSE CONNECTOR	1	
9	TP100060	RUBBER SPLASH GUARD	1	
10	TP481101	M5 RIVET	4	
11	TP100061	WASHER NARROW M6	3	
12	TP0322	HEX BOLT M6X1.0X10L	3	
13	TP0353	CROSS SCREW M4X0.7X8L	1	

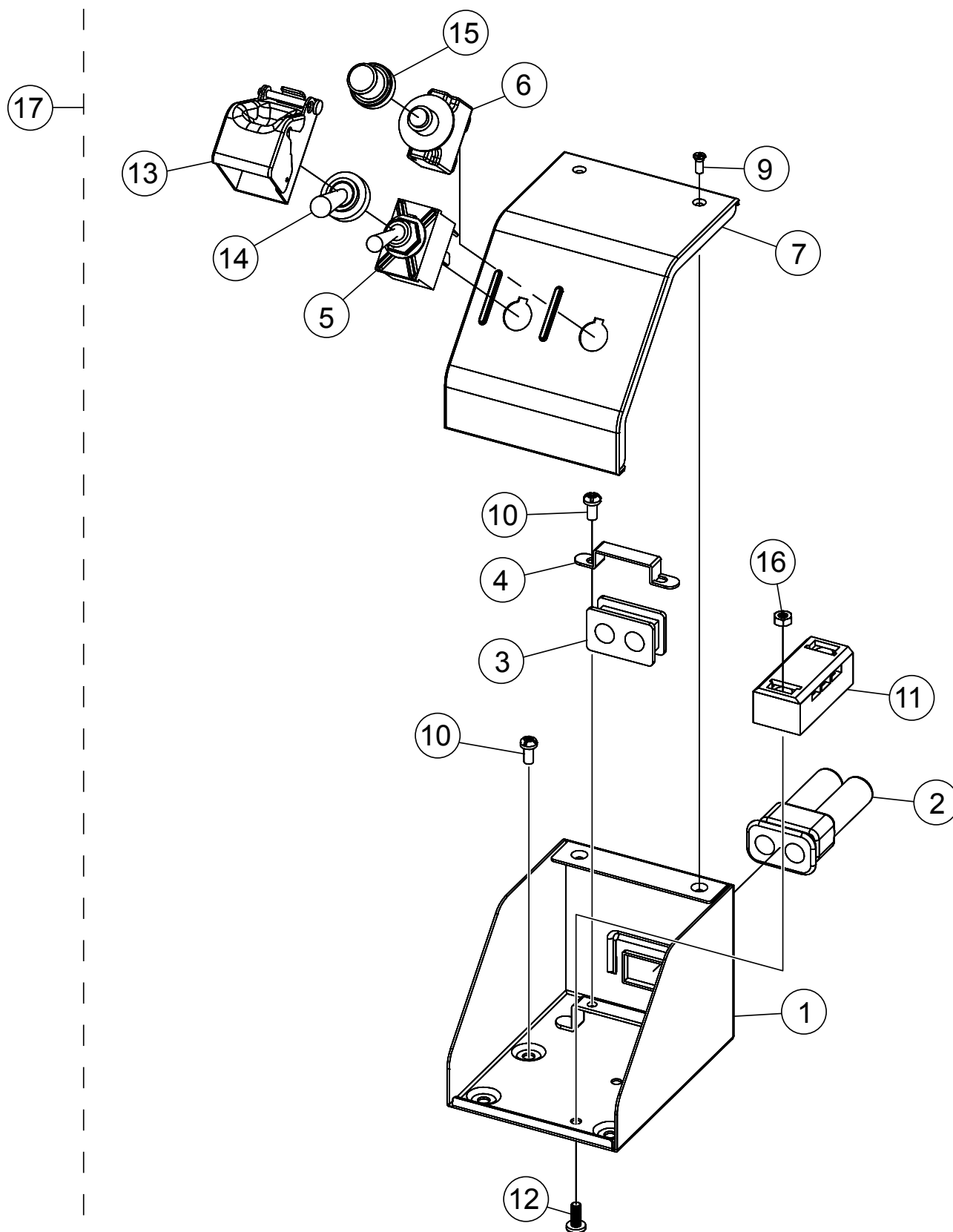
BEARING HOUSING ASSY.



BEARING HOUSING ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	TP100110	BEARING HOUSING	1	
2	TP100112	BLADE SHAFT	1	
3	TP100113	RUBBER GASKET	1	
4	TP100114	WATER CHANNEL COVER	1	
5	TP100116	MALE CONNECTOR, M10 TO D7.5	2	
6	TP110017	WATER LINK ASM	1	
7	TP100118	BLADE SHAFT PULLEY	1	
8	TP100119	INNER ARBOR FLANGE	1	
9	TP1374	CROSS SCREW M4X0.7X8L	4	
10	TP100120	BEARING RADIAL D40	1	
11	TP100121	BEARING RADIAL D47	1	
12	TPS1000062	KEY, SQUARE 5X5X30L	1	
13	TP0316	SET SCREW FLAT PT M6X1.0X10L	1	
14	TP100122	HOSE, BLADE GUARD	1	
15	TP100123	HOSE, WATER PUMP	1	
16	TP100124	M17 E-CLIP	1	

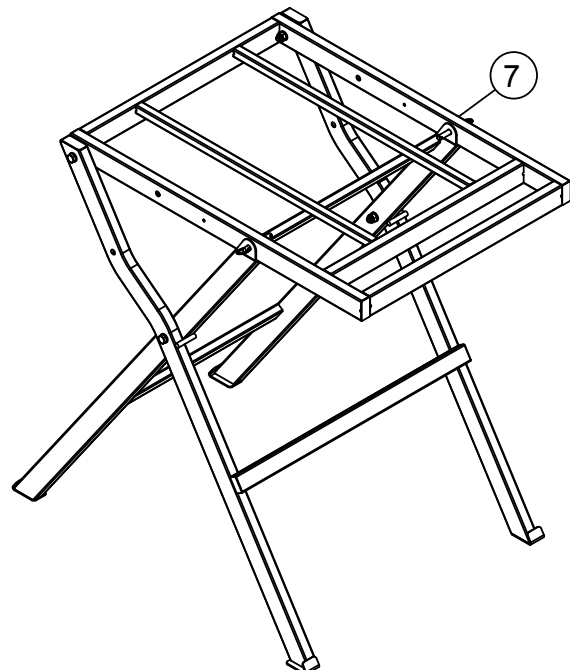
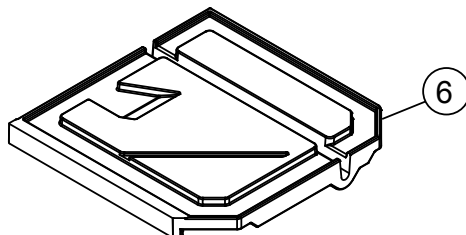
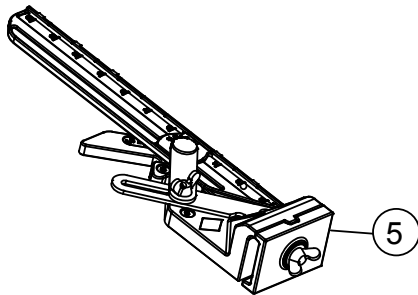
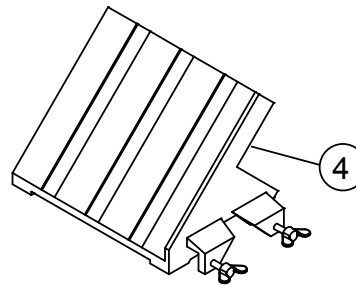
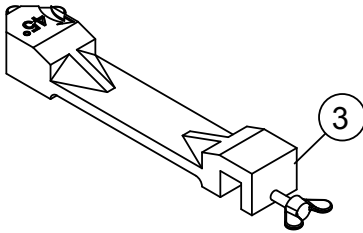
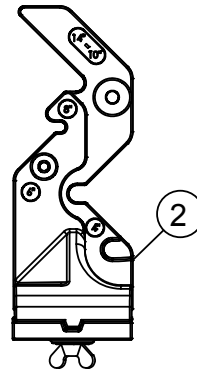
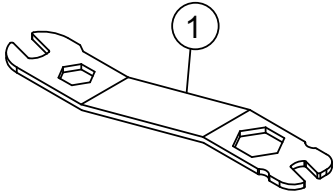
SWITCH BOX ASSY.



SWITCH BOX ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1@	TP420280	SWITCH BOX HOUSING	1	
2@	TP420281	2 CABLE D9 CABLE GROMMET	1	
3@	TP420282	2 CABLE D9 CABLE BOOT	1	
4@	TP420283	CABLE CLAMP	1	
5@	TPS100003	SWITCH, TOGGLE 15A	1	
6@	TPS100004	CIRCUIT BREAKER RESET 20A	1	
7@	TP420286	SWITCH BOX COVER	1	
9@	TP110032	SCREW CROSS M3X0.5X8L	2	
10@	TP1374	SCREW CROSS M4X0.7X8L	6	
11@	TP420290	JUNCTION BOX	1	
12@	TP03531	SCREW CROSS M4X0.7X15L	2	
13@	TP420291	SHIELD POWER SWITCH	1	
14@	TPS1000032	BOOT POWER SWITCH	1	
15@	TPS1000041	BOOT RESET BUTTON	1	
16@	TP420294	NUT, M4 X 0.7	2	
17	TP100076	POWER SWITCH ASSY.....	1.....	INCLUDES ITEMS W/@

TOOLS AND ACCESSORIES



TOOLS AND ACCESSORIES

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	TPS100041	UNIVERSAL WRENCH	1	
2	TPS1000MG1	MASTER GUIDE TEMPLATE BASE.....	1.....	OPTIONAL
3	TPS100035	45°/90° RIP GUIDE	1	
4	TPS100034	MITER BLOCK.....	1.....	OPTIONAL
5	TPS1000MG	MASTER GUIDE.....	1.....	OPTIONAL
6	TP100102	SIDE EXTENSION TABLE	1.....	OPTIONAL
7	TPSDT1010ST	SAW STAND	1.....	OPTIONAL