

## Process Plan MBOM Report

Process Plan: PP010

Location: Toulouse

Produced Part: MP0103

Part Number	Name	NHA	Type	Qty	Operation	Planned	Part Status	Rec. Status
MP0103	MakerBot Replicator with Cover		Assembly	1				
P5423	Printer Assembly	MP0103	Phantom	1	10	✓		
MP2942	Body	P5423	Assembly	1	10			
MP2954	Extruder	P5423	Assembly	1	10	✓		
P6744	Fan Assembly	MP2954	Phantom	1	10	✓		
MP2350	Fan 24V 40x40x10 Hi Performance	P6744	Component	2	10			
MP1947	M3x45 Socket Cap Bolt	P6744	Component	6	10			
P4523	Heat Sink Assembly	MP2954	Phantom	1	20	✓		
MP1708	MK7 Heatsink	P4523	Component	2	10			
MP2685	Spacer Black 16.5mm length 3.2mm ID 7mm OD	P4523	Component	4	10			
P23124	Mount Assembly	MP2954	Phantom	1	30	✓		
MP1701	MK7 Thermal Barrier	P23124	Component	2	10			
MP0370-001	M3x5 Socket Cap Bolt	P23124	Component	4	10			Over
MP0546	M6 Nut Thin	P23124	Component	2	10			Split
MP0190	M3 Washer	P23124	Component	2	10			
MP1914	Washer .16in ID .25in OD .015in Thk	P23124	Component	3	10			Under
MP2590	MK8 Bar Mount	P23124	Component	1	10			
MP2685	Spacer Black 16.5mm length 3.2mm ID 7mm OD	P23124	Component	2	10			
P7234	Thermal Core	P23124	Phantom	1	20	✓		
MP1705	MK7 Thermal Core	P7234	Component	2	10			
MP2607	Cartridge Heater 40W 24V Right Angle Exit	P7234	Component	2	10			
MP2506	MK8 Nozzle 0.4mm	P7234	Component	2	20			
MP0429	Ceramic Tape	P7234	Component	2	20			
P8906	Filament Assembly	MP2954	Phantom	1	40	✓		
MP2966	Wire-Filament Extruder Guide	P8906	Component	1	10			
MP2675	Tube Fitting .45in Tube	P8906	Component	2	10			
MP0546	M6 Nut Thin	P8906	Component	2	20			Split
MP1914	Washer .16in ID .25in OD .015in Thk	P8906	Component	1	20			Under
P9082	Drive Block	MP2954	Phantom	1	50	✓		
MP1713	MK7 Filament Drive Block Back	P9082	Component	2	10			
MP2759	Nylon Spacer with Flange	P9082	Component	1	10			
MP0370-003	M3x10 Socket Cap Bolt	P9082	Component	1	10			Under
MP1707	MK7 Plunger	P9082	Component	2	20			
MP1709	M3x3mm Set Screw	P9082	Component	2	20			
MP1915	O ring .14in ID .246in OD	P9082	Component	4	20			
MP1606	Motor Wiring Harness 42inch	P9082	Component	2	20			Under
MP2956	Gantry	P5423	Assembly	1	10			
MP2968	XY Stage	P5423	Assembly	1	10			
MP2943	Build Platform	P5423	Assembly	1	10			
MP2952	Electronics	P5423	Assembly	1	10			
MP2967	Wiring	P5423	Assembly	1	10			
MP2962	Side Clip Short	MP0103	Component	10	20			Over
MP2937	Acrylic Side Cover	MP0103	Component	2	20			

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Part Number	Name	NHA	Type	Qty	Operation	Planned	Part Status	Rec. Status
MP2955	Front Window Panel	MP0103	Component	1	30			
MP0370-004	M3x16 Socket Cap Bolt	MP0103	Component	6	30			Under
MP2295	M3 Square Nut	MP0103	Component	6	30			Under
MP2951	Cover	MP0103	Assembly	1	40			
MP0370-004	M3x16 Socket Cap Bolt	MP0103	Component	12	40			Under
MP2295	M3 Square Nut	MP0103	Component	12	40			Under
MP2935	Filament Spool Holder	MP0103	Component	2	50			
MP2938	Additional Parts	MP0103	Assembly	1	1000000015			
MP2948	Cover Hardware	MP0103	Assembly	1	1000000015			