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## Complete Spare Parts List of Martin MiniMac Wash

02005101 C161 CMOS 16 bit processor 16MHz  
02034504 93C66 EEPROM SMD  
02035522 28F400, 256Kx16 flash PROM, PSOP 44  
02050122 74 HCT 595 serial Octal LATCH ,SMD  
02050303 74 HC 14 HEX inverting Schmitt Trig,SMD  
02100202 LM 358 Dual opamp, SMD  
02105203 78M05 5V/0.5A Voltage Stab , SMD  
02105205 L7805 5V/1A Voltage Stab , SMD  
02105250 LM317L, 100mA voltage reg.,SMD  
02120302 D/A Converter 8 Chan 8 bit , serial  
02121005 Dual Microstep Driver, PBL 3775N, DIP  
02121010 ULN2803A stepmotor driver, standard  
02121601 ADM 706 AR, supervisory circuit, SMD  
02121805 75C176 BiCMOS RS485 Transceiver SMD  
02300401 BC 847B , SMD  
04020328 2.2 nF 250V Y2 film capacitor  
04020344 220nF, X2, 250V film capacitor  
04030079 20uF, 250V, 50-60Hz capacitor w/ 500mm wires  
04040256 4700uF, 25V, electrolytic, radial  
04040552 2200uF, 50V, electrolytic, radial  
04050217 27pF, 63V, ceramic, SMD  
04051136 1nF, 50V, ceramic, SMD 0603  
04051160 100nF, 16V, ceramic, SMD 0603  
04082112 1uF, 16V, tantalium, SMD  
04082116 2.2uF, 16V, tantalium, SMD  
04170000 0 OHM RESISTOR, SMD  
04170200 10 Ohm, resistor, SMD  
04170372 560 Ohm resistor, SMD, 1206  
04170416 1K5 Ohm resistor, SMD, 1206  
04170448 3K3 Ohm resistor, SMD, 1206  
04170464 4K7 OHM RESISTOR, SMD  
04170524 18K OHM RESISTOR, SMD  
04170616 150K OHM RESISTOR, SMD  
04171116 1.5 OHM RESISTOR, SMD 0.25W  
04171132 2.2 OHM RESISTOR, SMD 0.25W  
04171148 3.3 OHM RESISTOR, SMD 0.25W  
04171324 180 OHM RESISTOR, 1% ,SMD  
04171348 330 OHM RESISTOR, 1% ,SMD  
04171372 560 OHM RESISTOR, 1% ,SMD  
04171540 27K OHM RESISTOR, 1% ,SMD

04171580 68K OHM RESISTOR, 1% ,SMD  
04171700 1M OHM RESISTOR, 1% ,SMD  
04176340 560R OHM, resistor, 1% 1/10W, SMD 0603  
04176372 560R OHM RESISTOR, 1% 1/10W, SMD 0603  
04176432 2K2 Ohm resistor, 1% 0.1W, SMD 0603  
04176440 2K7 OHM RESISTOR, 1% 1/10W, SMD 0603  
04176464 4K7 Ohm resitor, 1% 0.W, SMD 0603  
04176480 6K8 Ohm resitor, 1% 0.1W, SMD 0603  
04176488 8K2 OHM RESISTOR, 1% 1/10W, SMD 0603  
04176500 10K OHM RESISTOR, 1% 1/10W, SMD 0603  
04176532 22K OHM RESISTOR, 1% 1/10W, SMD 0603  
04176564 47K OHM RESISTOR, 1% 1/10W, SMD 0603  
04176716 1M5 Ohm resistor, 1% 0.1, SMD 0603  
04200201 100 ohm resistor, 1W, SMD  
04301001 BAS32L-115 (1N4148) , SMD  
04302003 Diode bridge, PBU603  
04307002 6V8, diode transil  
04307004 Diode transil, 10V  
04307008 Diode transil, 27V  
04307010 Diode transil, 33V  
04311002 LED 3mm Red  
04312021 Display 3x7 segment, 14mm  
04350014 X-tal 16MHz  
04350101 Spacer isolation for X-tal  
04400413 Noise sup choke, H 2x0.5mH, 4.5  
04520004 Step-up 150W; 10,5V/20VA, 24V/48VA  
04540002 Ballast, 150W, 230V, 50Hz, 210/230V, 60Hz  
05000001 Relay, 12V, 16A, single, high current  
05020010 Fuse 2.5AT  
05020013 Fuse 3.15 AT, high I\*I\*t  
05030001 Fuse holder PCB, plastic support  
05040003 Thermostat, 100 degrees C, open  
05120014 Socket-IC 22 pin , 4 modules ,tulip  
05120701 Jumper, 2 pole, 2.54mm spacing  
05123001 XLR female 3-pin chassis, PCB, angle, gold  
05143001 XLR male 3-pin chassis, PCB, angle, gold  
05144002 Header 2 pole 2.54mm PCB  
05144004 Header 4 pole, 2.54mm, PCB , coded  
05144006 Header 6 pole, 2.54mm  
05144012 Header 2 pole 5.0mm molex PCB  
05144014 Header 4 pole 5.0mm molex PCB  
05144060 Header, 40 pole, PCB sil  
05144106 Plug 6 pole PCB sil , angle , coded  
05144112 Header angle 2 pole 5.0mm molex PCB  
05144116 Header angle 6 pole 5.0mm molex PCB  
05149001 Spade plug 6.3mm male , PCB  
05149002 Spade plug 6.3mm male , angle PCB

05221205 Socket, halogen lamp, GY9.5, 400mm wire  
05247202 AC socket, IEC, chassis mount, w/o fuse holder  
05247204 Fuse holder for P/N 05247202  
05323516 Plug, 6 pole, female, angle, yellow, 0.12-0.14#  
05323522 Plug MTA female angle, wire, 2 pole, natural, 0.20-0.22#  
05324212 Crimp, term housing, 2 pole, 5.0  
05324216 Crimp Term Housing 6 pole, for 319887/89  
05324224 Crimp terminal house, 4 pole  
05328202 Cable plug, 2.8mm housing, faston  
05328203 Cable plug, 2.8mm, female, single, faston  
05328405 Cable plug, 6.3 mm female, single, faston, insulated  
05501201 Tact Switch SMD h = 9.5mm  
05503402 Switch 2pol PCB straight,  
05503403 Switch 5pol PCB straight,  
05520503 Micro switch, 5A, 250VAC  
05701202 Stepmotor, 14PM-M204, wire 1100mm, 12mm shaft  
05701621 Stepmotor, NMB, standard, LC, wire  
05701802 Stepmotor micro HP LN, w/o wire  
05741002 Fan 12V DC Brushless 1.6"  
05742001 Fan 12V DC Brushless 75 x 75mm Centrifugal, sleeve bearing  
05830002 Microphone, elec. con., SKP-740  
06020002 Starter 150W serial, NI 400 LE  
08050402 M3x5 taptite, Phillips, ph, black  
08050405 M3x10 screw, Phillips, ph  
08050406 M3x12 screw, Phillips, ph, black  
08050407 M3x16 screw, Phillips, ph, black  
08050506 M3x16 screw, Phillips, cs, black  
08050700 M3x6 taptite, Torx, ph, black  
08050701 M3x8 taptite, Torx, ph, black  
08050702 M3x6 screw, Torx, ph, black  
08050802 M3x6 screw, Torx, cs, black  
08052601 M3 hex nut, black  
08052701 M3 hex lock nut  
08053807 M3x10 stand off, m/f, black  
08053816 M3x23.5 stand off, f/f, black  
08053820 M3x40 stand off, m/f, black  
08053826 M3x30 stand off, m/f  
08054301 M3 Washer  
08054401 M3 lock washer, black  
08070401 M4x6 screw, Phillips, black  
08070407 M4x16 screw, Phillips, ph, black  
08070410 M4x30 screw, Phillips, ph, black  
08070503 M4x20 screw, Phillips, cs, black  
08070701 M4x10 taptite, Torx, ph, black, Paint cut  
08070702 M4x6 taptite, Torx, ph, black, spec  
08071003 M4x12 hex cap screw, black  
08071501 M4x5 set screw

08072601 M4 hex nut, black  
08073601 M4 blind rivet nut, cs  
08073603 M4 blind rivet nut  
08074301 M4 Washer, black  
08074401 M4 lock washer, black  
08091001 M5x12 hex cap screw, taptite, black  
08111201 M6x10 screw, Allen, black  
08111203 M6x16 screw, Allen, black  
08111209 M6x40 screw, Allen, black  
08112601 M6 hex nut  
08112701 M6 hex lock nut, PA-insert  
08113604 M6 blind rivet nut  
08113802 M6x55 stand off, f/f, Zn  
08114401 M6 lock washer  
08131201 M8x16 screw, Allen  
08131206 M8x16 screw, Torx  
08131901 M8x13 lifting eye bolt, black  
08132604 M8 hex nut, stainless  
08133301 M8 hex weld nut  
08190205 3.5x38 self-tap, ph, black  
08190404 4.2x13 Self-tap, Torx, black  
08200102 2.9x6.5 Plastite, ph, black  
08200105 3.5x8 eco-syn, ph, black  
08200106 4x8 eco-syn, ph, black  
08200107 5x12 Plastite, ph, black  
08200108 4x10 eco-syn, ph, black  
08220102 3.2 x 7.5 mm Rivet Alu.  
08220103 3.2mm x 8 Rivet Black  
08220104 3.2 x 9 mm Rivet Alu.  
08220108 3.2x9,5 Pop Rivet UH St.St.  
08220110 3.2mm x 11,5 Rivet St. St.  
08222005 Cylinder Pin 3 x 28 mm  
08230109 Locking ring snap on 30mm x 1.5mm  
08240104 1/4 turn fastener, screw w. spring, black  
08240110 1/4 turn 6mm receptacle  
08240111 1/4 turn fastener, retainer, 6mm  
08240113 1/4 turn fastener, wingbolt  
08240114 1/4 turn fastener, retainer  
08240115 1/4 turn fastener pedestal  
08240116 Cap for fastener pedestal  
08261003 Spacer brass l=6, d=3.3 D=5.0  
08261004 Spacer brass l=9, d=3.3 D=5.0  
08261204 Spacer Snap-PCB / selftap , h = 9.4mm  
08261312 Shim Washer d1=32, d2=44 mm, s=0,5, BN748  
11040520 Wire, yellow/green, 1x0.75#, 11cm  
11040533 Wire, yellow/green, 1x0.75#, 25cm  
11041053 Wire, brown, 1x0.75#, 13cm

11041054 Wire, brown, 1x0.75#, 32cm  
11041055 Wire, brown, 1x0.75#, 21cm  
11041056 Wire, brown, 1x0.75#, 13cm  
11041566 Wire, blue, 1x0.75#, 13cm  
11041567 Wire, blue, 1x0.75#, 21cm  
11042019 Wire, red, 1x0.75#, 13cm  
11042020 Wire, red, 1x0.75#, 32cm  
11042539 Wire, black, 1x0.75#, 13cm  
11042540 Wire, black, 1x0.75#, 13cm  
11043013 Wire, grey, 1x0.75#, 13cm  
11043507 Wire, purple, 1x0.75#, 14cm  
11044007 Wire, orange, 1x0.75#, 16cm  
11321504 Wire, blue, 1x0.75#UL, 132cm, SIFF  
11321505 Wire, blue, 1x0.75#UL, 28cm, SIFF  
11322504 Wire, black, 1x0.75#UL, 120cm, SIFF  
11501013 Mains cable I.E.C. 3pin , 3 m  
11601002 Wire for stepmotor, 270mm, 4 wire, NMB  
11602006 Wire for stepmotor, 53cm, 4 wire, NMB  
11604005 Wire for stepmotor, 110cm, 4 wire, NMB  
11604006 Wire for stepmotor, 100cm, 6 wire, NMB, LC  
11720001 Wireset 6x0.14# ,2 fem. plugs, black, 1000mm  
11720005 Wireset, 6x0.3#, 2 fem. plugs, black, 365mm  
11820008 XLR cable 5m black 3P male-3P female  
13104000 Strap, black , high temp, 2.5x98mm  
13104020 Strap, auto, high-temp., 2.5x103mm  
13200000 5/9/12mm Rubber nibble pla  
13200007 Rubber nibble DA 60/90/20  
15800000 Sleeve flexible ,hose 5mm, black  
15802001 Silicon/glas sleeve d=4mm ,black  
15802006 Silicon/glas sleeve d=9mm ,Black  
15804000 Sleeve tube flexible 10mm, black  
16000020 Plastic toothwheel, S3M-134  
16000060 Timing pulley, S3M, Z=16, l=17mm  
16000190 S3M,Z=32,Timing pulley, l=15mm  
16040050 Timing belt, supertorque MBL, l=486  
16040110 Timing Belt S3M 597  
16300080 Adaptor for colorwheel, MAC 500, degreased  
16300131 Adaptor w. 5mm hole, degreased  
16700300 Bushing for MiniMAC bearings  
16760030 Closed ball bearing, D=16 , d=5 ,LC  
16760071 Ball bearing 1, D=27, d=20, b=4  
16760170 Ball bearing, D=42, d=30, b=7  
16780160 Bushing for belt adjust., MiniMAC  
16900070 Shaft, belt wheel, MiniMAC  
16900080 Shaft, Pan/Tilt, MiniMAC  
16920130 Bearingadapt, belt wheel, MiniMAC  
16920140 Bearingadapt, Pan/Tilt, MiniMAC

16920150 Bearingadaptor belt wheel MiniMAC  
17100030 Light shield, MiniMAC  
17100040 Blinding plate, MiniMAC Wash  
17200620 Lensbracket wide, MiniMAC Wash  
17720030 Spring for PAL 1200 frost damper  
17740020 Tension spring, D=10, d=1x25  
17760220 Spring for pan switch, MiniMac  
17800020 Spacer, d=4, ø6x5.5  
17820190 Spacerpl. for cam lock system  
18000250 Mec. stop for shutter, MiniMAC  
18020240 Pl., Mec. Stop, Pan, MiniMAC  
18040000 Mec. Stop, Plastic w. spring  
19440040 Rubber foot 25x15mm. Black  
19600080 Counterweight 1,Pan, MiniMAC  
19600090 Counterweight 2,Pan, MiniMAC  
20620080 Ø8,0 14x4mm Silicone ring  
23003000 Bracket for shell, MiniMAC  
23003010 Plate for counterweight / Airguide for lamp, MiniMAC  
23003020 Plate for lampadjust., MiniMAC  
23003030 Plate for lampsocket, MiniMAC  
23003040 Plate for Belt adjust, MiniMAC  
23003050 Plate for base bearing MiniMAC  
23003060 Plate for capacitor, MiniMAC  
23003070 Plate for ballast, MiniMAC  
23003090 Plate for handle, MiniMAC  
23200980 Lamp lid, Head miniMAC  
23400400 Plast shell Head Top, Black, MiniMac  
23400411 Bottom shell, head, black, type II (ext. screw)  
23400420 Plast shell Arm outer, Black, MiniMac  
23400430 Plast shell Arm inner, MiniMac  
23400440 Plast shell Base top, Black, MiniMac  
23400450 Plast shell Base bottom, MiniMac.  
23400460 Plast shell Base Ventilation, MiniMac  
23400470 Rubber cabinet list long, MinMac  
23400480 Rubber cabinet list short front, MinMac.  
23400490 Rubber cabinet list short rear, MinMac  
23400510 Rubber adaptor for fresnel, MinMac.  
23804602 Plate 1 for Yoke, MiniMAC  
23804612 Plate 2 for Yoke, MiniMAC  
23804622 Plate 3 for Yoke, MiniMAC  
23804670 Color module plate, MiniMAC  
23804690 Refl. module plate, MiniMAC  
23804701 Chassis module plate, MiniMAC  
23804710 Plate for Pan motor, MiniMAC  
23804720 Chassisplate, Base, MiniMAC  
23804730 Base support plate, MiniMAC  
23804740 PCB module plate, MiniMAC

23804750 Fresnel module plate, MiniMAC  
23810880 Bracket for pan bushing, MiniMAC  
33001006 Keyboard overlay, MiniMAC  
33001013 MiniMAC Wash label  
33002002 Adhesive aluminium foil, 100 x 100 x 0.05 mm  
33120019 Label, PCB connections, MiniMAC Wash/Profil  
33140013 Label Instructions 1/4 turn  
33140016 Lamp adjustment label, MiniMAC  
33150015 Label Safetywire/Eye Bolt  
33150016 Label Warning MiniMAC Clamps  
33190009 Label Front  
34000059 Cardboard box MiniMAC Wash  
34204004 MiniMAC Polystyren packing  
34240003 PLAST BAG 180x360  
34240006 PLAST BAG,600x850mm,Spandepose  
34240016 Plast bag, 60x80, fuse  
34240017 Plast bag, 60x80, f. fuse, EU 200-250V  
34241522 Shrinkfoil, 19my, B=1100mm  
34420502 Rubberband 250x15 mm  
35000084 User manual, MiniMAC  
37000202 Loctite 401 3 gr.  
37000801 Silicon glue clear, low temp. (220-250 °C)  
37001201 Silicon glue, hightemp. (250°C), red  
41002040 Ellipsoidal reflector D=66  
41102001 Heat filter, WBHM3, 1.1mm, MAC 250 shape  
41200020 Lens, Asph/plano, D=40, coated  
41204024 Lens, Fresnel, D=80  
46404602 Yellow 603, "trap (R28,5;R51,4)x21,1"  
46404603 Blue 104, "trap (R28,5;R51,4)x21,1"  
46404604 Pink 312, MAC 250 shape  
46404607 Red 301M, "trap (R28,5;R51,4)x21,1"  
46404608 Magenta 507, "trap (R28,5;R51,4)x21,1"  
46404609 Blue 101, "trap (R28,5;R51,4)x21,1"  
46404610 Orange 306M, "trap (R28,5;R51,4)x21,1"  
46404616 Green 208, "trap (R28,5;R51,4)x21,1"  
46404624 Dichr. CTC5500-3400K, "trap (R28,5;R51,4)x21,1"  
46404631 Blue 108 IAD, "trap (R28,5;R51,4)x21,1"  
46404634 Purple 502, MAC 250 shape  
46404635 Green 206iad, MAC 250 shape  
55230016 PCB/sw module, MiniMAC Wash  
55230017 Wireset, MiniMAC  
55230022 MiniMAC manual/fuse packing  
62000057 PCB MiniMAC Wash , tested  
62000058 PCB MiniMAC Display/Keyboard, Tested.  
62005006 PCB Voltage/Feq. select, Asmb  
62203180 Wire for micro-switches, MiniMac  
62203181 MiniMAC Wash, hi-flex wire set, base-arm

62203183 Wire for Display, 180mm  
62203184 Wireset for relay,Minimac  
62203185 Wireset mains in,Minimac  
62203186 Wireset Power PCB, Minimac  
62203187 Wireset for step-up,Minimac  
62203188 Wireset for ballast,Minimac  
62203197 Wire for head fan, MiniMAC  
62222026 Fan 1.6` with plug 200mm wire  
62222028 Fan 12V DC Brushless,W.plug 220mm  
62223015 #20uF 250V Capacitor prep w plugs  
62248011 Wire stepmotor 4 wire 530mm ;TILT;  
62248012 Wire stepmotor 4 wire 270mm ;PAN;  
62248015 Wire stepmotor 6 wire 1000mm ;SHUT;  
62248016 Wire stepmotor 4 wire 1100mm ;COL;  
62324011 Shutter MiniMac, glued  
62326033 Color Wheel 1 rev. 2, MiniMAC  
62334008 Plastshell inner yoke, Black, glued w. ballastplate  
62400149 Counterweight assembl. MiniMac  
91602001 Omega bracket, new w. 1/4-turn  
97010109 HTI150M Lamp Metal Halide (Martin) 2000 hours

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