

CARDINAL CIRCUIT

SPEEDLINE MPM SPARE PARTS LIST

www.cardinalcircuit.com

THE ITEMS ON THIS LIST ARE ALL BRAND NEW MPM PARTS

<u>MPM PRODUCT #</u>	<u>DESCRIPTION</u>
2096	Hose, Pinch-off
15881	Fiber Optic, SS, Bifurcatd
15888	Sensor, Fiber-Optic, 10-30 FS
19362	Needle, 20GA 685-1
19362	Needle, 20GA 685-1
135279	Paste Retainer Thumb Screw
1001589	CHANNEL,FRONT LEFT, REAR RIGHT
1001590	CHANNEL,FRONT RIGHT, REAR LEFT
1001776	FILTER,FOAM,MODIFIED
1002184	BELT,TIMING,GROOVED,.090 X .25 X 77.0,MOD
1002184	BELT,TIMING,GROOVED,.090 X .25 X 77.0,MOD
1002555	MOUNT,ROLLER,LEFT
1002776	SENSOR,PHOTOELECTRIC,12- 24VDC,22MA,1-40MM,NPN
1003521	Belt, 137" Conveyor
1003666	Reflector
1004364	Optional Hardstops for 20x20x1" Square tube sten.
1005425	Conveyor Belt, .25 X 106
1005425	Conveyor Belt, .25 X 106
1006089	SUPPORT,ROLLER
000112/A	NUT,Z DRIVE,MAIN
000112/A	NUT,Z DRIVE,MAIN
000431/B	BODY,PIN SPACER
000601/C	
001780/C	CLAMP,SPLIT HUB
100/884/B	
1002440/B	MOTOR,TACTILE,ASSY w/clips
1002542/A	MOUNT,ROLLER,RIGHT
119267 03	Nozzle
119268 03	Nozzle
119272 03	Nozzle
135280?	Paste Retainer Screw (US5496?)
2-6002-060-00-0	Chain ASI Conn.
A2 1105	SHAFT,FLANGED PULLEY, LONG
A2 1106	PULLEY,HANDLING SYSTEM TRACKS,END.
A2 1106	PULLEY,HANDLING SYSTEM TRACKS,END.
A2 1107	SHAFT,FLANGED PULLEY, SHORT
A2 1206	(US 1283) Assy. Motor Pulley
A2 1261	PLATE,RETAINING
A2 1314	Block, Bearing (US 1364)
A2 1314/A	BLOCK,BEARING
A2 1431/A	WASHER,FLAT,.237 ID X .50 OD X .125,SS
A2 1480	HOSE,PINCH-OFF,.25 ID X 1.50,SILICONE

A2 1530	CLAMP,SHAFT TORSION NCE
A2 1531/A	(US 2238) Holder Stencil Wiper
A2 1553	MAGNET,SENSOR,ASSY
A2 1553/A	MAGNET,SENSOR,ASSY
A2 208	WHEEL,TENSION
A2 397	Anti Static Brush
A2 666	BRACKET,SHIPPING BASE FRONT
A2 688	Cylinder
A2 723	PLATE,END
A2 723	PLATE,END
A2 723	PLATE,END
A2 723	PLATE,END
A2 723/A	PLATE,END
A2 849	SWITCH,TACTILE SENSOR, ASSY
A2 849	SWITCH,TACTILE SENSOR, ASSY
A2 866	SHAFT,RIGHT BEARING,ASSY
A2 866	SHAFT,RIGHT BEARING,ASSY
A2 894	SLIDE,SHUTOFF
AP20-83	Assy, Traction Plate, Pro. Squeegee
AP20-83	Assy, Traction Plate, Pro. Squeegee
AP20-83	Assy, Traction Plate, Pro. Squeegee
AP20-83	Assy. Traction Plate, Pro. Squeegee
P0005	Fitting, Barb 10-32 Maleto5/64 ID T
P0005	Fitting Barb 10-32 Male
P0005	Fitting, Barb 10-32 Maleto5/64 ID T
P0016	Knob
P0079	SWITCH,SINGLE POLE,MOMEN TARY ACTION
P0079	SWITCH,SINGLE POLE,MOMEN TARY ACTION
P0102	Gauge, Pressure Regulator 1/4 Npt Male
P0102	GAUGE,PRESSURE,2.0 DIA, 0-160 PSI
P0154	FITTING,CONNECTOR,MALE, 3/8 OD QD,1/4 NPTF,BRASS
P0180	BEARING,S ROW BALL,.3750 X .8750 X .281,2SH
P0183	SENSOR,INDUCTIVE PROX,10 -30V,0-100MA,4MM RANGE
P0183	SENSOR,INDUCTIVE PROX,10 -30V,0-100MA,4MM RANGE
P0183	SENSOR,INDUCTIVE PROX,10 -30V,0-100MA,4MM RANGE
P0195	Cylinder, Air 9/16 Bore x 1/2 Stroke.
P0195	Cylinder, Air 9/16 Bore x 1/2 Stroke.
P0243	BEARING,S ROW BALL,.125 X .375 X .156,2SHD
P0375	REGULATOR,AIR,ADJ,0-300 PSI,10-32
P0375	Regulator, Air Adjustable Pressure 10-32 Ports
P0457	RELAY,MECHANICAL,24V, 40A,SPST,NO
P0457	RELAY,MECHANICAL,24V, 40A,SPST,NO
P0462	Relay, 3 Amp, 60V, 1000 OHM
P0540	SOLENOID,SINGLE,3 WAY,24 VDC,MANIFOLD MOUNT
P0540	SOLENOID,SINGLE,3 WAY,24 VDC,MANIFOLD MOUNT
P0583	CONTACT,PIN,18-16 AWG, SOLDER TAB ST
P0585	VARISTOR,METAL OXIDE,175 VOLTS DC,PEAK CUR 6500
P0585	VARISTOR,METAL OXIDE,175 VOLTS DC,PEAK CUR 6500
P0682	
P0683	FITTING,LOW PRESSURE PLUG,10-32 FEMALE,BRASS
P0683	FITTING,LOW PRESSURE PLUG,10-32 FEMALE,BRASS
P0695	DIODE,SILICON,1N4005

P0695 DIODE,SILICON,1N4005
P0728 FITTING,ELBOW,.170 ID BARB,10-32 MALE
P0792 BELT,TIMING,1/5 PITCH, 11 PITCH LENGTH, 55
P0793 BELT,TIMING,1/5 PITCH,7 PITCH L, 35 TEETH
P0793 BELT,TIMING,1/5 PITCH,7 PITCH L, 35 TEETH
P0793 BELT,TIMING,1/5 PITCH,7 PITCH L, 35 TEETH
P0800 Bearing, Radial
P0800 Bearing, Radial
P0801 Bearing, Radial
P0802 Bearing Radial
P0802 Bearing, Radial, .188 Bore, .500 OD
P0802 Bearing, Radial, .188 Bore, .500 OD
P0813 BELT,TIMING,.20,.375 X 40.2
P0817 Ring, Retaining, .625 Shaft
P0846 Bearing (6200-2ZJEM)
P0847 Bearing, Radial Angular, 39x1.18x.35
P0847 Bearing, Radial, Angular 39BX1.180DX.
P0848 COUPLING,FLEXIBLE,.312 SHAFT TO .375 SHAFT
P0864 RELAY,MECHANICAL,24V, 3A,4PDT,W/IND LIGHT
P0864 RELAY,MECHANICAL,24V, 3A,4PDT,W/IND LIGHT
P0890 DIODE,MODULE,25A,200V
P0890 DIODE,MODULE,25A,200V
P0898 BUTTON,PUSH,FLUSH HEAD, GREEN,ILLUM,SQUARE
P0905 Connector, Plug 2 Circuit
P0905 Connector, Plug 2 Circuit
P0906 Sensor
P0913 Connector Pin 20-14 AWG
P0913 Connector Pin 20-14 AWG
P0917 Switch, Air Electric ADI p/n:A-1
P0918 SWITCH,MAGNETIC REED, 10 WATT,200 VDC
P0918 SWITCH,MAGNETIC REED, 10 WATT,200 VDC
P0923-8 BULB,INDICATING BANK, 24V,4W MIN,CLEAR
P0997 FITTING,ELBOW, LONG SCKT 1/4 OD QD,1/4 NPT M
P0997 FITTING,ELBOW, LONG SCKT 1/4 OD QD,1/4 NPT M
P1001 Pulnix Photo Sensor
P1011 Seal, U-Cup, 3/8ODX3/16IDX3/32th
P1222 SUPPRESSOR,SNUBBER NETWO RK,.5UF,100 OHM,.5W,250V
P1283 MODULE,SOLID STATE DC INPUT,30VDC,50MA
P1284 MODULE,SOLID STATE DC OUTPUT,60VDC,3A
P1284 MODULE,SOLID STATE DC OUTPUT,60VDC,3A
P1285 MODULE,SOLID STATE AC OUTPUT,140VDC,3.5MA
P1291 FILTER,COALESCING,.01 MICRON
P1291 FILTER,COALESCING,.01 MICRON
P1329 BEARING,S ROW BALL,.250 X .625 X .196,2SEALS
P1346 CYLINDER,DOUBLE ACTING, 3.75 BORE X 1.0 STROKE
P1346 CYLINDER,DOUBLE ACTING, 3.75 BORE X 1.0 STROKE
P1346 CYLINDER,DOUBLE ACTING, 3.75 BORE X 1.0 STROKE
P1350 FITTING,ELBOW,SWIVEL, 1/16 ID BARB,10-32 MALE
P1405 SOCKET,LAMP,PUSH-IN 8-6G
P1551 BELT,TIMING,.20,.090 X .25 X 50.6,POLY
P1562
P1570

P1579 Bearings? Washers?
P1590 Washer
P1606 COUPLING,FLEXIBLE,.125 SHAFT TO.250 SHAFT
P1606 COUPLING,FLEXIBLE,.125 SHAFT TO.250 SHAFT
P1606 COUPLING,FLEXIBLE,.125 SHAFT TO.250 SHAFT
P1702 VALVE,FLOW CONTROL ADJ, 5/32 TUBE,150 PSI
P1715 SUPPRESSOR,VALVE,W/LED 24V
P1716 VALVE,SINGLE ACT SPRING RETURN 4/2,5/32,24V
P1716 VALVE,SINGLE ACT SPRING RETURN 4/2,5/32,24V
P1719 VALVE,SINGLE ACT SPRING RETURN 3/2,NNP,5/32,24V
P1719 VALVE,SINGLE ACT SPRING RETURN 3/2,NNP,5/32,24V
P1806 Washer, Hardened, 5/8 OD.9
P1811 Cylinder, Rodless, .627 Bore, .50 Stroke
P1814/A Airpot
P1820 Plunger, Ball, S.S Body, 8
P1834 CYLINDER,RODLESS 1.281 BORE X .500 STROKE
P1834 CYLINDER,RODLESS 1.281 BORE X .500 STROKE
P1834 CYLINDER,RODLESS 1.281 BORE X .500 STROKE
P1834 CYLINDER,RODLESS 1.281 BORE X .500 STROKE
P1834 CYLINDER,RODLESS 1.281 BORE X .500 STROKE
P1857 VALVE,FLOW CONTROL ADJ, 150 PSI,AL
P1857 VALVE,FLOW CONTROL ADJ, 150 PSI,AL
P1938 White Plastic Threaded Screws
P1961 VALVE,SOLENOID LOW POWER ,PLUG IN,24VDC
P1968 BELT,TIMING,1/5 PITCH, .250 W
P1995 BATTERY,4.5V ALKALINE, COMPUTER CLOCK
P2046 CONTACTOR,COIL,24 VAC
P2107 SWITCH,PLUNGER,SINGLE POLE,N/O,10A
P2107 SWITCH,PLUNGER,SINGLE POLE,N/O,10A
P2145 FITTING,STRAIGHT,1/4 OD COMP,1/4 NPT MALE,NYLON
P2145 FITTING,STRAIGHT,1/4 OD COMP,1/4 NPT MALE,NYLON
P2148 Clutch?
P2164 Ring Retaining..187"
P2166 BEARING,LINEAR CAGE,12MM X 6MM X 120MM Complete Set
P2166 BEARING,LINEAR CAGE,12MM X 6MM X 120MM Complete Set
P2169 BEARING,D ROW BALL,6MM X 24MM X 15MM,2SHD
P2184 Spacer
P2199 Capacitor? Resistor?
P2209 COVER,GLASS,1.0 X .375 X .050,MAGFLO BOTH SIDES
P2218 LINK,PINCH LINK CHAIN, .1475 PITCH,SS
P2218 LINK,PINCH LINK CHAIN, .1475 PITCH,SS
P2221
P2261 FILTER,DISPOSABLE,MINI, 1.0 OD X 3.25
P2266 Connector Housing
P2273 BELT,TIMING,.20,.090 X .375 X 49.0,NPRN
P2308 CABLE,PHOTOMICROSENSOR, 2 METER,W/CONNECTOR
P2310 SENSOR,PHOTOELECTRIC,NPN ,24V,100MA,T-SHAPE SLOT
P2335A Motor 24VDC, Gear Ratio 1108;1
P2360 SENSOR,PHOTOELECTRIC,12- 24VDC,25MA,50MM RANGE
P2528 SPRING,COMPRESSION, .72 OD X .105WIRE X 1.75
P2597 HANDLE,POWER SWITCH, W/SHAFT
P2668 Connector Housing

P2700 SENSOR,PHOTOELECTRIC, SLIM,24V
 P2724 FLANGE,PNEUMATIC ROTARY ACTUATOR MOUNT
 P2746 SPRING,COMPRESSION, .30 OD X .022WIRE X 1.50
 P2770 NUT,BALLSCREW,W/SEALS 16MM X 52MM,16MM,RH
 P2782 BELT,TIMING,.375,.139 X .50 X 67.125,POLY
 P2797 Cylinder, 5/16 Bore, 3.00
 P2805 SPRING,COMPRESSION, .42 OD X .051WIRE X 1.75
 P2805 SPRING,COMPRESSION, .42 OD X .051WIRE X 1.75
 P2806 SPRING, COMPRESSION, .600OD X .045WIRE X .75
 P2813 O-RING,SILICON,70 DURO,. 075 ID X .030
 P2813 O-RING,SILICON,70 DURO,. 075 ID X .030
 P2825 POWER SUPPLY,SWITCHING, 5VDC,3A,50-60 HZ
 P2830 Fitting
 P2859 COUPLING,FLEXIBLE,.375 SHAFT TO.375 SHAFT
 P2888 CARRIER,CABLE,975 X .400,1.20,41 LINKS,ASSY
 P2906 Connector, Housing, 2 POS
 P2906 Connector, Housing, 2 POS
 P2906 Connector, Housing, 2 POS
 P2906 Connector, Housing, 2 POS
 P2914 BELT,CONVEYOR,.040 X .25 X 106,RUBBER
 P3015 Blue Light Tower Cap
 P3028
 P3032 LATCH,GENERAL PURPOSE, .83 X 4.8,STL,W/ZINC
 P3043 PULLEY,TIMING,1/5P,20T, .250 BORE,W/LOCKING HUB
 P3112
 P3283
 P3313 Belt 245 Grooves, 49 Pitch
 P3321 SCREW,KNURLED THUMB, 10-32 X 1-1/4,SS303
 P3325 SPRING,COMPRESSION, .36 OD X .045WIRE X 5.92
 P3326 RING,INTERNAL RETAINING, .375 ID,STL
 P3333 Belt
 P3345 GASKET
 P3345 GASKET
 P3356 Air Fitting
 P3373 COUPLING,FLEXIBLE,.375 SHAFT TO .375 SHAFT
 P3382 BEARING,LINEAR,20MM X 10MM X 30.8MM,1 CAR
 P3438 VALVE,4 WAY SINGLE SOLENIOD
 P3438 VALVE,4 WAY SINGLE SOLENIOD
 P3494 "O" Ring - wiper
 P3532 CONTACT,PIN,26-24 AWG, ,CPC,SERIES 1,CRIMP
 P3543 CONTACT,SOCKET,24-20 AWG ,CPC,SERIES 2,CRIMP
 P3548 CONTACT,PIN,16-12 AWG, CPC,SERIES 3,CRIMP
 P3550 CONTACT,PIN,16-12 AWG, CPC,SERIES 3,CRIMP
 P3551 CONTACT,PIN,10-8 AWG, CPC,SERIES 3,CRIMP
 P3584 Filter Element
 P3588 Actuator, Linear, Captive Rev. A
 P3619 Plunger, Hand Retractable
 P3632 CONTACT,PIN,10-8 AWG, LOOSE,SILVER
 P3684 FILTER,COALESCING,METAL BOWL
 P3701 Belt
 P3739 O-RING,.228 ID X .308 OD X .040 WD,SILICONE
 P3739 O-RING,.228 ID X .308 OD X .040 WD,SILICONE

P375
 P3755 Threaded Thumb Screws
 P3802 RELAY,POWER,24VDC,83MA, DPST-NO/DPST-NC
 P3812 "O" Ring Cord
 P3936 SCREW,SHOULDER,SOC,1/4- 20,375 DIA X.375,SS304
 P3965 Capacitor - Resistor ?
 P4065 Spring
 P4130 STANDOFF,1/4 HEX X 1-3/4 ,F/F,8-32,SS
 P4140
 P4205 SENSOR,PHOTOELECTRIC, 12-24VDC,30MA,20CM RANGE
 P4394 VALVE,RELIEF,10-32 PORT, W/O SHAFT,60 PSI
 P4421 Springs
 P4494 SPACER,.166 ID X .250 OD X .250 THK,AL
 P4550 (US 1427)
 P4644 Solenoid Locking Safety Switch
 P4644 Solenoid Locking Safety Switch
 P4645 SWITCH,SAFETY INTERLOCK, W/LED
 P4645 SWITCH,SAFETY INTERLOCK, W/LED
 P4645 SWITCH,SAFETY INTERLOCK, W/LED
 P4663 BEARING,S ROW BALL,.125 X .375 X .1562,2 SHLD
 P4676 KNOB,SCREW,TEE,5/16, 1.50,PLASTIC,BLACK
 P4685 Rex Engineering 24VDC
 P4719 VALVE,QUICK EXHAUST W/ SILENCER,04 TUBE OD
 P4722 MODULE,SOLID STATE DC OUTPUT,50VDC,5A
 P4722 MODULE,SOLID STATE DC OUTPUT,50VDC,5A
 P4767 THERMISTOR,ICL,8AMP,.05 OHMS,NTC
 P4859 FUSE,TIME DELAY,10A, 600VAC
 P4860 FUSE,TIME DELAY,12A, 600V
 P4861 FUSE,TIME DELAY,20A, 600VAC
 P4904 Connector Pin
 P4954 COUPLING,FLEXIBLE,.250 SHAFT TO .312 SHAFT
 P4980 CONNECTOR,PLUG,3 POS, 16-28 AWG,300V,12A,RA
 P5010 FUSE,TIME DELAY,2A, 600VAC
 P5122 SENSOR,FIBER OPTIC, DIFFUSE TYPE,7.5CM RANGE
 P5153 FUSE,TIME DELAY,4A, 250V,CERAMIC
 P540 Humphrey, M3E1 81 24V DC
 P5415 ELEMENT,COALESCING FILTER
 P5458 RELAY,SOLID STATE,24VDC, 15A,DUAL OUTPUT
 P5458 RELAY,SOLID STATE,24VDC, 15A,DUAL OUTPUT
 P5487 MODULE,SOLID STATE DC OUTPUT,60VDC,3A,DIN RAIL
 P5487 MODULE,SOLID STATE DC OUTPUT,60VDC,3A,DIN RAIL
 P5747
 P5968 WRENCH,BALL PLUNGER INSTALLATION,1/4 BODY
 P6821
 P7190 (was P1629) SWITCH,LIMIT,PIN PLUNGER LOW FORCE,.1A,125VAC
 P7215 SENSOR,PHOTOELECTRIC,12- 24VDC,22MA,1-40MM,NPN
 P864
 P917 Cable
 SV51C56T34-3 MPM Solvent Pump (Valcor Scientific)
 US 1023 Pipe Fitting (US 1023)
 US 1707 Connectors (gold)
 US 2495 (A2 1263) Locknut, Brake

US 2548	Link, Connecting
US 3159	(A2 564) Reflector Lens 10mm
US 3380	Sensor?? (CA-287-1/C)
US 3431	
US 5494	Paste Retainer Kit
US 5497	Paste Retainer Spring
US 5511	1/8 NPT Male Adapter
US 5512	Air Regulator Housing
US 5512	Air Regulator Housing
US 5515	Vinyl Tubing
US 5912	Conn. Cylinder Shaft
US 7134	Terminal Block