

ARCon Parts, LLC - CT2000 Spare Parts

NOTE: NOT ALL PARTS LISTED. CUSTOM PARTS/ASSEMBLIES BUILT ON DEMAND

Item#	LEVEL	Description	Comments	PN#
Assembly Enclosure Electric				114136-01
1		Power Supply, 24V,250W	Sensor signals	300744
2		Power Supply, 5/12V,15W	Analog signal power	300745
Assy, PCB, I/O Breakout Bd				107099
3		IC, Driver		300695
4		Relay PCB, 20A	PCB->K3	300698
5		Fuse,Pico, 1A,125V		300701
6		Fuse,Pico, .25A, 125V		300702
7		Diode, 1N914		300705
8		IC, Coupler, Opto	PCB-> U1, U2, U3 (MCT210)	300739
Assembly PCB MIP, Bd				113481-01
9		Optoisolator,Quad		303072
10		Fuse, Restble, 0.25A		303142
Assembly PCB Fault MIP6				113484-01
11		IC, Coupler, Opto		401636
Assembly PCB Power Switch,AC				001091
12		Relay, PCB,30A	PCB->K1 and K2	300725
13		Fuse,3AG,5A		300819
14		Fuse,3AG,3A		300820
15		Fuse,3AG 6-1/4A		302119
16		Fuse,3AG,0.5A		300822
17		Fuse,3AG,2.0A		301553
Assembly Quill				114833-01
18		Valve,Vac,NC		300825
19		Sensor, Press		400788
20		Assembly PCB, Analog		114806-01
Kit Compliance Pgmb1				114771-01
21		Power Supply, 12V, 10W	Attached to right rear lower frame	301559
Assembly Servo Chassis				850014-01
22		Amp Servo,Y BLU-S3 32/30 AM1	Requires training to install	850003-01
23	A	Amp Servo, X BLU-S3 32/30 AM2	Requires training to install	850006-01
24		Power Supply 300V PSU-S1		850009-01
25	A	Amp Servo Z/Theta BLU-S1 4/15 AM2	See also PN 400037	850004-01
26		Board, Temp		850002-01
27		TLC Power supply		40.06.200

28	Amp Servo Z axis BLU-S1 4/5 AM1	MZRZ Z amp	401620
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Assembly Mtg, Power Supply **115560-01**

29	Power Supply Z/Theta 36V	Back of electrical enclosure	401180
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Assembly Cable Management **115546-01**

30	E-Chain Link		300875
31	Separator, Slot, E-Chain		302141
32	Spacer E-Chain 2200-33		302273
33	Spacer E-Chain 2200-38		301802

Assembly Panel Operator **112786-01**

110568

34	Switch Push Button, Red		300846
35	Switch Key Act 2-Pos		302423
36	Switch Push Button, White		300848
37	Switch Lever Act 2 Pos		400482
38	A Sensor Proximity, SPST,NO	Gull wing door sensor	301099

Assembly Cable, MCP Interface **001651**

39	Switch Push Button, DPST, N.O.		301150
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Assembly Sub-Frame **115206-01**

40	Assy, Light Workcell		115517-01
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Assembly X-axis **107940**

41	Bearing Linear, X (IKO)		491090
42	Bearing Linear, X (THK)		400761
43	Assy, X-axis Encoder	See also PN 400011	001343
44	X-axis 2 coil motor	Requires training to install. Was PN 001243 assembly	400003
45	A Sensor Gap Right angle		300672
46	A Sensor Gap, Coplnr,NPN		300673

Assembly Y-Axis **108641-01**

47	Bearing Linear Carriage, Y-axis (IKO)		491089
48	Bearing Linear Carriage, Y-axis (THK)		400160
49	Bearing Linear Follower, Y-axis (IKO)		491088
50	Bearing Linear Follower, Y-axis (THK)		400161
51	Assy, Encoder, Y-axis	See also PN 400012	001355
52	Y Axis 6 coil motor	Requires training to install. Was PN 108622 assembly	400530

Kit Exp, Vision Camera **106695**

53	Power Supply, 12V, 15W		300989
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Tips/Calibration Target

54	A Calibration Target		110340
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55		TIP,VAC,7mm		63.18.071
56	A	TIP,VAC,12mm,TYPE 2 [A]	Calibration tip	63.18.082
57		TIP,VAC,12mm		63.18.083
58		TIP,VAC[A]2.7mm,7.62D,TYPE 2		63.19.901

Pressure Service Panel Input			001399
59		Pressure input control switch	On input pressure regulator 000589

Cables			
60		Cable, Camera 10M	400146
61		Cable, Camera 10M (MZRZ)	Elmo cable for MZRZ head ONLY 401549
62	A	Cable,Encoder, Theta/Z head 1	116665-01
63		Cable,Encoder, Theta/Z head 2	116665-02
64		Cable,Mot/Hall, Theta head 1	116664-01
65	A	Cable,Mot/Hall, Z head 1	116664-02
66		Cable,Mot/Hall, Theta head 2	116664-03
67		Cable,Mot/Hall, Z head 2	116664-04
68		Cable,Mot/Hall,Cntrl, X	116673-01
69		Cable,Mot/Hall,Cntrl, Y	116669-01
70		Cable, Encoder, X	116670-01
71		Cable, Encoder,Y	116671-01
72		Cable, X limit	116674-01
73		Cable , Z/Theta limit, Vac sense	116663-01

Cables - Miscellaneous			
74		Cable, Mot Ctrl MIP to MI6 Encoder	112374-01
75		Cable, Mot Ctrl Y MIP to AMP	116668-01
76		Cable, Mot Ctrl X MIP to AMP	116667-01
77		Cable, Mot Ctrl Z1 MIP to AMP	114562-01
78		Cable, Mot Ctrl T1 MIP to AMP	114562-01
79		Cable, Mot Ctrl Z2 MIP to AMP	114562-01
80		Cable, Mot Ctrl T2 MIP to AMP	114562-01

LZRZ Head			
81		Actuator LZRZ W/Out Camera	Complete head assembly 63.10.005
82		Actuator LZRZ With Camera	Complete head assembly. Also PN 115561-01 63.10.006
83		Assembly Board, LED	40.14.700
		Z-axis Motor	Motor with gear required 40.08.700
84		Z-axis Encoder	Was 40.47.900 changed to 33.00.902 complete assembly is 116894-01 116894-01
85		Z-axis Belt	11.01.206
86	A	Theta axis Motor	Motor with gear 40.15.200 40.15.201
87		Theta axis Encoder	116905-01 16.52.149 33.00.903
88			116904-01
89		Theta axis Belt	11.01.205
90		Assembly Z-Limit Board	40.48.800
91		PCB Coax LED	40.32.400
92		Rotary assembly unit	Lower theta unit assembly 40.25.802

	Camera XC-75		400039
93			14.81.112
94	Arm Cam Ring light - LED PCB		40.14.700
95	Arm Cam Coax Ring Light		40.40.300

MZRZ Head

96	Actuator MZRZ w/o Camera	Complete head assembly	113123-05
97	Actuator MZRZ w Camera	Complete head assembly	113123-06
98	Z encoder	Part is now obsolete. See retrofit kit	113039
	Z encoder retrofit kit	Recommend kit be install by ARCon factory technician.	118438-01
99			
100	Theta encoder	Part is now obsolete. See retrofit kit	113040
	Theta encoder retrofit kit	New replacement requires spec file change	118512-01
101			
102	ELMO MZRZ arm camera		400205

MV 10 Controller

115561-01

103	MV10 Cntrl Assembly	Chassis/AWCII/EVI/VGB/MI6e	491047
104	CIP		491049
105	Controller chassis		
106	AWC II Processor Brd		491065
107	96 mbyte flash memory		491052
108	A Floppy Brd		491048
109	EVI Brd		401618
110	VGB Brd		491004
111	AVI Brd		491200
112	MI6e Brd		491093
113	Dio Brd		400116
	AO Brd	400066 (main brd), 400067 (1 input), 400068 (2 output)	
114			
115	A Keyboard (new style Fujitsu)		491077