

**Purchasable parts** shown in roman font.

**Non-purchasable parts** (including assembly parts not sold separately) shown *in italic font* .

#	Quantity per welder	Item ID	Description
1	1 each	IPAR-A-TIPWRN	Tip Nut Wrench
2	1 only	IPAR-A-TIPNLO	Tip Nut Long
		IPAR-A-TIPNTO	Tip Nut Short
3	1 each	ITIP-2RP	Repair Tip (supplied with new welder). See page 3 for more tips
4	1 each	IPAR-A-BARWSH	Barrel Washer
5	1 each	<i>ISHO-A-EV91</i>	<i>1/8" x 1/2" Steel Pin (Barrel)</i>
6	1 only	IPAR-A-BARW30	Barrel (comes with #5: Steel Slotted Spring Pin) (also purchase #70: Barrel Sleeve Assembly)
		IPAR-A-BAROSB	Old Style Barrel (comes with #5: Steel Pin) (also purchase #70: Barrel Sleeve Assembly)
7	2 each	<i>ISHO-A-EV59</i>	<i>#8-32 x 5/16" Cup Point Set Screw (Barrel)</i>
8	1 each	IPAR-A-RTDSE4	RTD Sensor
9	1 only	IPAR-A-HEAT120	Heater - 120V
		IPAR-A-HEAT240	Heater - 240V
10	1 each	IASS-A-SWHTCO	High Temperature Cut Out Switch Assembly
11	1 each	IPAR-A-BARCTU	Barrel - Connecting Tube
12	3 each	<i>ISHO-A-EV61</i>	<i>#8 Split Lock washer (Connecting Tube)</i>
13	3 each	<i>ISHO-A-EV60</i>	<i>#8-32 x 3/4" SHCS (Connecting Tube)</i>
14	2 each	<i>ISHO-A-EV82</i>	<i>3/16 x 1/2" Dowel pin (Main Support)</i>
15	2 each	<i>ISHO-A-SPCOMPS</i>	<i>Compression Spring (Main Support)</i>
16	1 each	IPAR-A-SUPMAN	Main Support
17	1 each	<i>ISHO-A-EV84</i>	<i>1/4-20 x 3/8" Cup Point Set Screw (Rod Feed Tube)</i>
18	1 each	IPAR-A-RODFTU	Rod Feed Tube
19	1 each	<i>ISHO-A-EV83</i>	<i>1/4 x 1" Dowel (Rod Driver)</i>
20	2 each	IASS-A-ROD-DRIVE	Rod Driver Assembly
20A	2 each	<i>IPAR-A-DRIROD</i>	<i>Rod Driver</i>
20B	2 each	<i>IPAR-A-ROLCLU</i>	<i>Roller Clutch</i>
21	1 each	<i>ISHO-A-EV85</i>	<i>1/8 x 3/8" Dowel pin (Steel Crank)</i>
22	1 each	IPAR-A-LKCW30	Connecting Link
23	1 each	IPAR-A-STLCRK	Steel Crank (comes with #23: Shim)
24	1 each	<i>ISHO-A-SHIM15</i>	<i>Shim (Steel Crank)</i>
25	1 each	IASS-A-PIVOT	Pivot Assembly
25A	1 each	<i>IPAR-A-PVTW30</i>	<i>Pivot</i>
25B	2 each	<i>IPAR-A-ROLBER</i>	<i>Roller Bearings</i>
26	1 each	<i>ISHO-A-EV80</i>	<i>3/16 x 1-3/4" Dowel pin (Pivot)</i>
27	1 each	<i>ISHO-A-EV81</i>	<i>5/16 x 1-1/4" SHCS (Connecting Tube)</i>
28	1 each	IPAR-A-CYLBDY	Cylinder Body (comes with #45: Bushing)
29	1 each	<i>ISHO-A-EV62</i>	<i>#8-32 x 3/8" SHCS (Ground screw on Cylinder Body)</i>
30	1 each	IPAR-A-MUFFLR	Muffler
31	1 each	IPAR-A-ADBGAS	Air Distribution Block Gasket
32	1 each	IPAR-A-ADBLOC	Air Distribution Block (sold with #31: AD Block Gasket)
33	1 each	IPAR-A-FITPSH	Push On Male Fitting
34	8 each	<i>ISHO-A-EV70</i>	<i>#6 Split Lock washer (Air Distribution Block, MAC Air Valve, Switch Bracket)</i>
35	8 each	<i>ISHO-A-EV75</i>	<i>#6-32 x 1" SHCS (Air Distribution Block, MAC Air Valve, Welder Housing)</i>
36	2 each	<i>ISHO-A-SPSPCO</i>	<i>Spring for Speed Control Bolt</i>
37	1 each	IPAR-A-BOSPDC	Speed Control Bolt (comes with #36: Spring Speed Control)
38	1 only	IASS-A-PCB120	PC Board 120V Assembly (also purchase #70: Barrel Sleeve Assembly)
		IASS-A-PCB240	PC Board 240V Assembly (also purchase #70: Barrel Sleeve Assembly)
38A	1 only	<i>IPAR-A-PCB120</i>	<i>PC Board 120V</i>
		<i>IPAR-A-PCB240</i>	<i>PC Board 240V</i>
38B	1 each	IPAR-A-PCBSTR	PCB Strap
38C	1 each	IPAR-A-INTRW3	Interrupter (comes with #38D: shoulder screw)
38D	1 each	<i>ISHO-A-EV65</i>	<i>#4-40 x 1/8" x 1/8" Shoulder Screw (Interrupter)</i>
39	9 each	<i>ISHO-A-EV70A</i>	<i>#6 Zinc Internal tooth lock washer (PCB, Welder Housing)</i>

40	2 each	ISHO-A-EV73	#6-32 x 1/4" SHCS (PCB)
41	3 each	ISHO-A-EV69	#6-32 x 1/2" SHCS (PCB, Switch Bracket)
42	1 each	ISHO-A-EV63	#8-32 x 1/4" Pan Phillips Machine Screw (PCB Strap)
43	1 only	IPAR-A-MA12W3	MAC Air Valve 120V (sold with #44: MAC Air Valve Gasket)
		IPAR-A-MAC240V	MAC Air Valve 240V (sold with #44: MAC Air Valve Gasket)
44	1 each	ISHO-A-GASVLV	MAC Air Valve Gasket
45	1 each	IPAR-A-BUSOIL	Bushing
46	1 each	IPAR-A-OR58ID	O-Ring
47	1 each	ISHO-A-BOCOLC	Connecting Link Bolt
48	1 each	ISHO-A-EV67	#10 Flat washer (Connecting Link bolt)
49	1 each	IPAR-A-DRILNK	Link Driver
50	1 each	ISHO-A-EV68	#8-32 x 1" SHCS (Link Driver)
51	1 each	IPAR-A-PSTNROD	Piston Rod
52	2 each	IPAR-A-PSTNSEALS	Piston Seals
53	1 each	IPAR-A-PISTON	Piston (sold with #52: Piston Seals)
54	1 each	ISHO-A-EV64	1/4-20 x 5/8" FHCS (Piston)
55	1 each	IPAR-A-ORCYLC	O-Ring
56	1 each	IPAR-A-CYLCAP	Cylinder End Cap
57	1 each	IPAR-A-SNRING	Internal Snap Ring
58	1 each	IASS-A-AIRFILT 2	Air Filter Assembly
58A	1 each	IPAR-A-ARFITN2	Air Line Fitting
58B	1 each	IPAR-A-AIRFILT2	Air Filter Unit
58C	1 each	IPAR-A-FITQUICKF2	Quick Disconnect Fitting
59	1 only	IASS-A-CRDAUS	Australia 240V Power Cord Air Line Assembly
		IASS-A-CRDEURO	Europe 240V Power Cord Air Line Assembly
		IASS-A-CRDNAM	North-America 120V Power Cord Air Line Assembly
		IASS-A-CRDUKM	United Kingdom 240V Power Cord Air Line Assembly
59A	1 only	IPAR-A-CRD120	120V Power Cord for North-America
		IPAR-A-CRD240	240V Power Cord for AUS, EURO, UK
59B	1 only	IPAR-A-PLUGAUS	AUS Plug
		IPAR-A-PLUGEU	EU Plug
		IPAR-A-PLUGNA	NA Plug
		IPAR-A-PLUGUK240	UK Plug
59C	2 each	IPAR-A-CRDRES	Cord Restraint
59D	1 each	IPAR-A-FHLDER	Fuse Holder (qty 2 each for Euro 240V power cord air line assembly)
59E	1 each	IPAR-A-FCOVER	Fuse Cover (qty 2 each for Euro 240V power cord air line assembly)
59F	1 only	IPAR-A-FSEALL	Fuse (4 AMP) for NA 120V and UK 120V (qty 2 only for UK 120V power cord air line assembly)
		IPAR-A-FSE2A	Fuse (2 AMP) for UK 240V, EU and AU 240V (qty 2 only for EU 240V power cord air line assembly)
59G	1 only	IPAR-A-1FUSEPCB	One-Fuse PCB for AUS, NA, UK
		IPAR-A-2FUSEPCB	Two-Fuse PCB for EU
59H	1 each	IPAR-A-CRDGRD	Cord Guard
59I	1 each	IPAR-A-TUBFIB	Fiberglass Tubing
59J	1 each	IPAR-A-ARLINE	Air Line
59K	1 each	IPAR-A-FSEBOX	Fuse Enclosure
59L	1 each	IPAR-A-VAR220	MOV 220V for NA
		IPAR-A-VAR430	MOV 430V for AUS, EU, UK
60	1 each	IPAR-A-SWHON2	On/Off Switch
61	2 each	ISHO-A-EV71	#8-32 x 1/2" FHCS (Switch Bracket)
62	1 each	IPAR-A-BRKSWH	Switch Bracket
63	2 each	ISHO-A-CLMCAB	Cable Clamp
64	9 each	ISHO-A-EV92	#8 external tooth lock washer (Switch Bracket, ABS Box ground wire)
65	2 each	ISHO-A-EV72	#8-32 Machine Screw hex nut (Cable Clamp)
66	1 each	ISHO-A-EV93	#8 x 3/8" Pan Phillips tap screw (Trigger Switch)
67	1 each	ISHO-A-EV79	#8 Flat Washer (Trigger Switch)
68	1 each	IPAR-A-SWTRIG	Trigger Switch (comes with Heat Shrink)

69	1 each	IASS-A-HOUWLD30	Welder Housing Kit (comes with temperature and rod release knob labels; and #35 SHCS and #39 washers)
69A	1 each	IPAR-A-HOUWLD2	Welder Housing (both halves)
69B	6 each	ISHO-A-EV94	#6 Flat washer (Welder Housing)
69C	4 each	ISHO-A-EV77	#6-32 x 3/4" SHCS (Welder Housing)
69D	2 each	ISHO-A-EV76	#10-24 x 1/2" Pan Phillips Machine screw (Welder Housing)
69E	1 each	IPAR-A-CRDSTR	Cord Strap
69F	1 each	ISHO-A-EV78	#6-32 x 3/8" Pan Phillips Machine screw (Cord Strap)
69G	1 each	IPAR-A-RODRPN	Rod Release Pin
69H	1 each	IPAR-A-RODREK	Rod Release Knob
70	1 each	IASS-A-BARKITFS	Barrel Sleeve Assembly
70A	1 each	ISHO-A-EV90B	Barrel Sleeve
70B	1 each	ISHO-A-EV90-2	Barrel Sleeve Tape
Not shown		ITIP-2BL-5.5	5.5 Blank Tip 5-1/4 inch
Not shown		ITIP-2BN	Bull Nose Tip
Not shown		ITIP-2RW	Ribbon Weld Tip
Not shown		ITIP-2F4	Fillet Tip - 1/4 inch
Not shown		ITIP-2F5	Fillet Tip - 1/2 inch
Not shown		ITIP-2F6	Fillet Tip - 3/16 inch (supplied with new welder)
Not shown		ITIP-2F8	Fillet Tip - 3/8 inch
Not shown		ITIP-2PR	Prototype Tip
Not shown	1 each	IPAR-A-HTTRCO	Heat Transfer and Anti-Seize Compound
Not shown	1 each	IPAR-A-SCRBLD	Scraping Blade
Not shown	1 each	IPAR-A-SCRSTK	Stick Scraper
Not shown	1 each	IPAR-A-SCREWD	Screwdriver
Not shown	1 each	IPAR-A-CASE	Carrying Case
		IWEL-A-W3012V-NA	W30 000 North America Welder
		IWEL-A-W3024V-AUS	W30 000 240V AUS Welder
		IWEL-A-W3024V-EU	W30 000 240V EU Welder
		IWEL-A-W3024V-UK	W30 000 240V UK Welder
		IWEL-A-W3012O-NA	W30 000 Old Barrel 120V North America Welder
		IWEL-A-W3024O-AUS	W30 000 Old Barrel 240V AUS Welder
		IWEL-A-W3024O-EU	W30 000 Old Barrel 240V EU Welder
		IWEL-A-W3024O-UK	W30 000 Old Barrel 240V UK Welder