



# Kit Instruction Sheet

Sheet P/N: 091-0587 Rev. A Kit P/N: 005-0720 to 005-0722

## CopperHead® Weldhead Base Installation

### CAUTION



**DISCONNECT UNIT FROM ALL POWER SOURCES PRIOR TO INSTALLING THIS OR ANY OTHER KIT.**

**ELECTRIC SHOCK CAN KILL.**



Base



Shims



Spring Pins



Wave Spring



Coupler Shaft

Figure A

1. Replacement kit includes base, wave spring, shims (various sizes), motor coupler shaft and spring pins. (Figure A)



Figure B

2. Install wave spring. (Figure B)

**THIS KIT FOR USE ON: CopperHead 5001, 5002, 5003**

**Supercedes: N/A**

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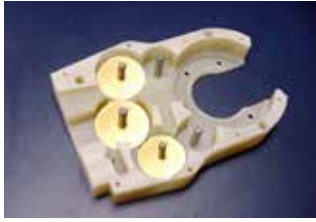


Figure C

3. For model 5001: install 1 shim (P/N 435-1210) over the wave spring and 1 each of the same into the two adjacent slots. (Figure C)

For models 5002 and 5003, use shim P/N 435-1203.

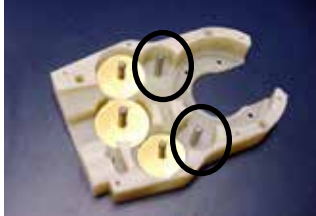


Figure C1

For all weldheads, install remaining shims (P/N 435-1215) into top slots. (Figure C1)



Figure D

4. Remove Spring Pin from Motor Shaft Coupler. (Figures D-G)



Figure E



Figure F



Figure G

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Figure H

5. Remove Spring Pin from Miter Gear and Coupler:  
(Figures H-J)



Figure I



Figure J

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**Figure K**

6. Press Spring Pin into Motor Shaft and Coupler.  
(Figures K-O)



**Figure L**



**Figure M**



**Figure N**



**Figure O**

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**Figure P**

7. Press Spring Pin into Miter Gear and Coupler. (Figures P-S)



**Figure Q**



**Figure R**



**Figure S**

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**Figure T**

8. Re-assemble Motor to Motor Mount and attach to Weldhead Base. (Figures T-W)

Cover with GE RTV 108  
Silicone Adhesive MK  
#823-0042



**Figure U**



**Figure V**



**Figure W**

9. Installation Complete.

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## Parts Required

CopperHead I			
No.	Qty	P/N	Description
1	1	003-2046	Assembly, Base Housing CopperHead I
2	1	091-0587	Instruction, Base CopperHead
3	1	311-0002	Coupler Shaft, Motor
4	1	419-0106	Spring Wave Washer
5	1	421-0128	Pin Spring, 1/16 x 3/8 Steel
6	1	421-0129	Pin Spring 1/16 x 7/16 Steel
7	3	435-1210	Shim Gear, Brass
8	2	431-1215	Shim Gear, Brass

CopperHead II			
No.	Qty	P/N	Description
1	1	003-2053	Assembly, Base Housing CopperHead II
2	1	091-0587	Instruction, Base CopperHead
3	1	311-0002	Coupler Shaft, Motor
4	1	419-0108	Spring Wave Washer
5	1	421-0128	Pin Spring, 1/16 x 3/8 Steel
6	1	421-0129	Pin Spring 1/16 x 7/16 Steel
7	3	435-1203	Shim Gear, Brass
8	2	431-1215	Shim Gear, Brass

CopperHead III			
No.	Qty	P/N	Description
1	1	003-2041	Assembly, Base Housing CopperHead III
2	1	091-0587	Instruction, Base CopperHead
3	1	311-0008	Coupler Shaft, Motor
4	1	419-0108	Spring Wave Washer
5	1	421-0128	Pin Spring, 1/16 x 3/8 Steel
6	1	421-0129	Pin Spring 1/16 x 7/16 Steel
7	3	435-1203	Shim Gear, Brass
8	2	431-1215	Shim Gear, Brass

## Reference Material/Documents

P/N	Description
091-0589	CopperHead Disassembly/Reassembly Welding Supplement