


The chart settings shown below are “reference” settings to be used as starting points. Actual voltage settings may vary depending upon the conditions or each application and use.

PIN/STUD TYPE	PIN/STUD DIA	PIN/STUD MAT'L.	VOLTAGE SETTING
Cuphead Pin	12 GA	Mild Steel	85-95
Insulation Pin	12 GA 10 GA	Mild Steel or Stainless	75-85 85-95
	12 GA 10 GA	Aluminum	110-120 120-130
Weld Studs (Flanged)	#10 or 3/16" 1/4"	Mild Steel or Stainless	120-130 145-155
	#8 #10 or 3/16"	Aluminum	120-130 130-140

## VOLTAGE SETTINGS

for ACCESSORIES  
and SPARE PARTS  
see:

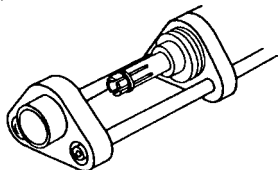
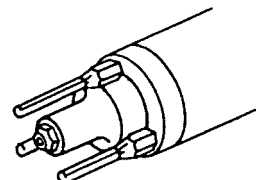
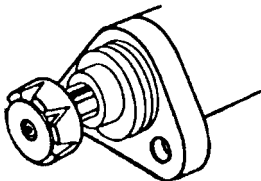
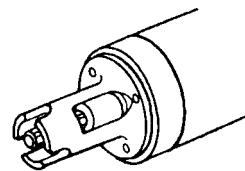


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**CD STUD WELDING ACCESSORIES  
SPECIFICATION GUIDE**

**SET-UPS**

<p><b>STANDARD</b> Adjustable and with spark shield, for Pins or Studs.</p> 	<p><b>COLLET PROTECTOR</b> Fixed, for Pins.</p> 
<p><b>CUP HEAD CHUCK</b> For all Cup Head Pins.</p> 	<p><b>TEMPLATE ADAPTOR</b> For precise location of studs.</p> 

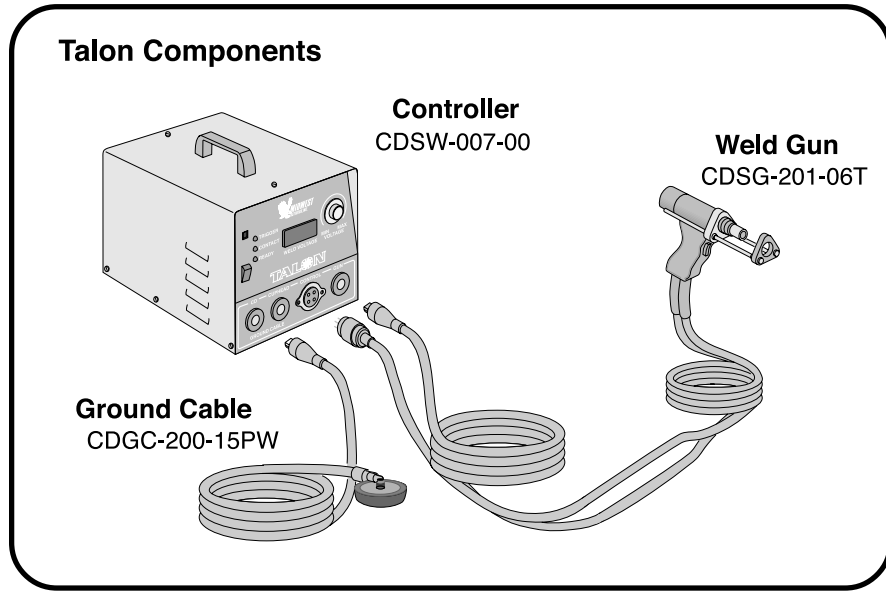


Solid State — Capacitor Discharge  
**Pin Welding System**

# Quick Startup Guide



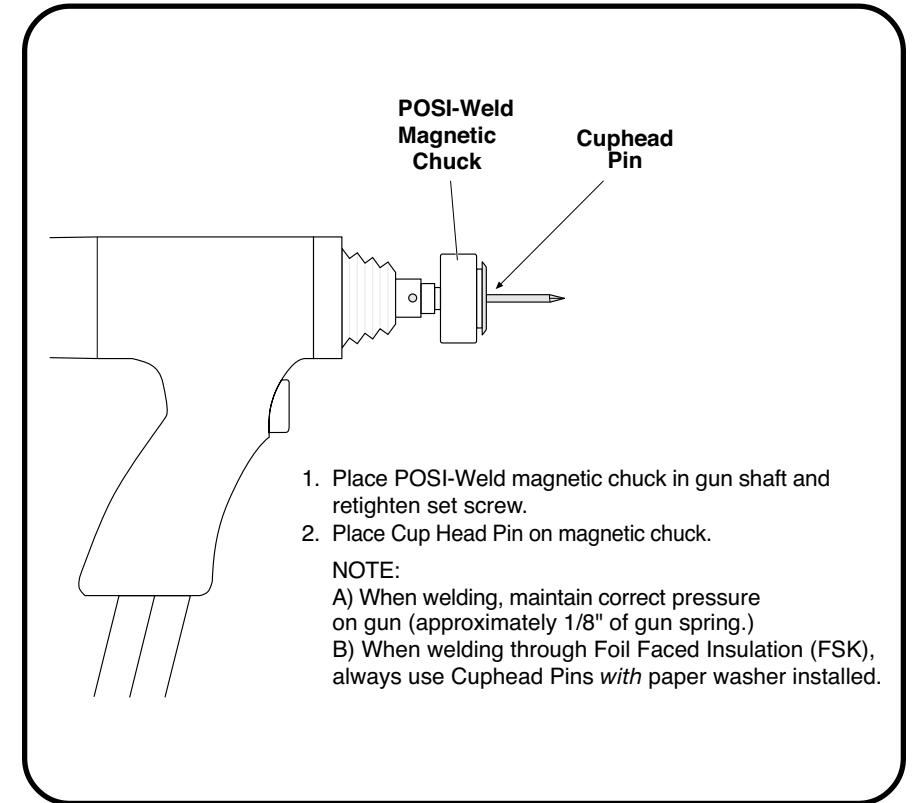
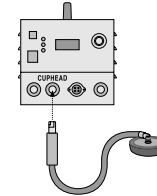
**PARTS**



Remove the controller, cables and weld gun from the shipping packaging.

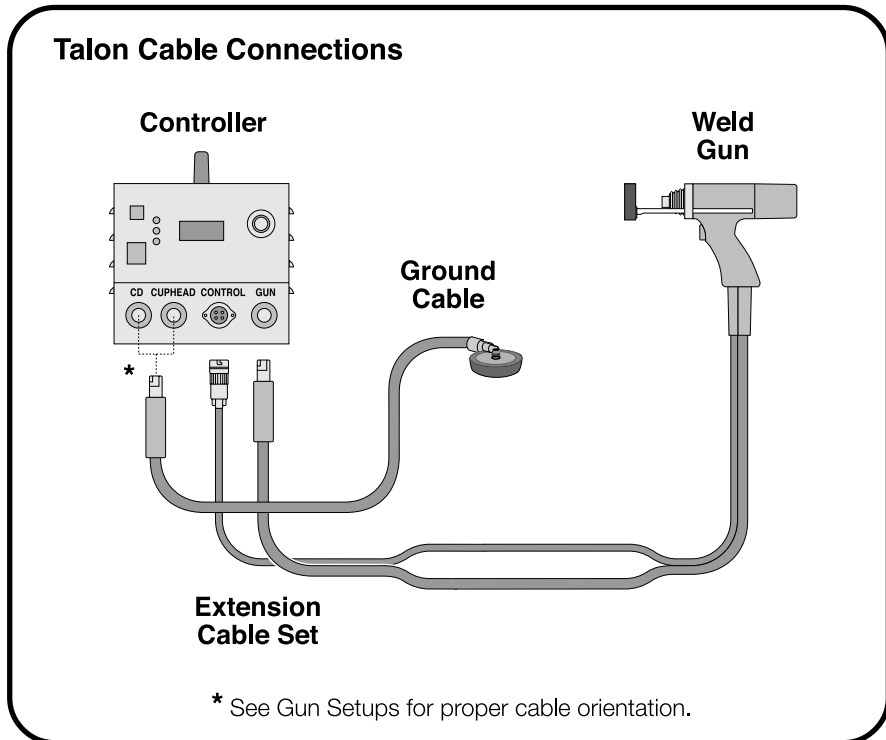
**CD-2T WELD GUN SETUP**

**CUPHEAD PINS**



Connect the Cable connectors to the controller as marked: "CD" or "CUPHEAD" depending on the fastener type to be welded.

**SETUP**



**NOTE:** All cables should be laid out straight or in large loops.

**CD-2T WELD GUN SETUP**

**INSULATION PINS WITH COLLET PROTECTOR**

