

Method 1 - Measuring

on the small board you replaced attach a volt meter set to 200vdc range across PS+ and PS-
this is the real full arc voltage, so be careful

it is better if you have 2 people to do the next stage

get a piece of scrap material large enough to cut a decent straight line on

Go to the manual cut screen

select the material thickness current etc as normal.

turn off AVC

do a straight line cut

whilst the machine is cutting

person 1 note actual volt reading on screen

person 2 note reading from volt meter

stop cutting and note readings

