

To calibrate SafeTac VRD models VRX, VRX – A, VRX – AB, GPSS 2, GPSS 4, GPSS 6, and GPSS 15 & LPHS.

1. Turn welding machine on if LED is Red or flashing red turn trimmer on VRD anti – clockwise until LED changes from Red to Green.
2. Turn machine off & connect a 200 Ohm 20 watt or higher resistor across the output terminals (Caution this resistor will get hot during testing).
3. Turn on machine if Red LED is on or flashing turn VRD trimmer anti – clockwise until Red LED changes to Green if the LED is already green proceed to next step.
4. Connect a 100 Ohm 20 Watt or higher across the output terminals ( Leaving the 200 Ohm resistor in place) turn VRD trimmer anti – clockwise until LED turns green then turn slowly clockwise until Green begins to flicker from green to red.
5. Remove 100 Ohm resistor LED should be green if not repeat process.
6. Once complete add small dot of varnish or paint to VRD trimmer to lock in place

Note the process for the SafeTac UM1 VRD is the same as above but the trimmer works in reverse.