SD2100 Modifications
Instruction Manual

The modifications to this detector are similar to the GPM mods on the 2000 and work exactly the same.

Power Panel

This is the frequency control. Middle is the standard 2100 frequency, the bottom is a faster frequency which will be good for smaller shallow targets and finally Upwards is a slower frequency for deep larger targets.

Lastly this switch controls whether the detector is in 2100 (Standard mode) or 2000 mode. The switch changes the sample and transmit pulses to that of a 2000 which should give an increase in depth over the 2100 mode. Experimenting with this is required as sensitivity to small targets may be reduced depending on frequency selected.

Coil Panel

Again these two controls are the exact same modification as the GPM on the sd2000. Looking at the picture the right most control is channel 1 and the left most channel 2. These increase the detectors receive gain and as such increase overall performance. As with the 2000 you will have to trial these to get the best gains. As a rule I suggest that you use a large test target of around 5gms and after balancing the detector as normal set the balance switch into each position (1 & 2) whilst adjusting the control corresponding with the selected position and testing over the test target for best response.

The pro's are obvious the cons are that you may find an increase of ground noise and also run out of ground balance, mostly with channel 2.

Please note: Some layouts may vary but the mods are the same.