
Dismantling the Moulded Bench Instrument Case

From May 2005 a different moulded instrument case is used for bench instrument models 1906, 1705, 1604, TF830, TA320, TG200 series, TG300 series and TG550. Where it is necessary to open the case to, for example, change the mains operating voltage, the following instructions should be used.

1. Disconnect the instrument from all voltage sources.
2. To gain access to the two front case fixings, first remove the front bezel by easing the top edge up and forward to clear the two short retaining ribs on the case, followed by the same procedure for the bottom edge. Refer to figure 1.

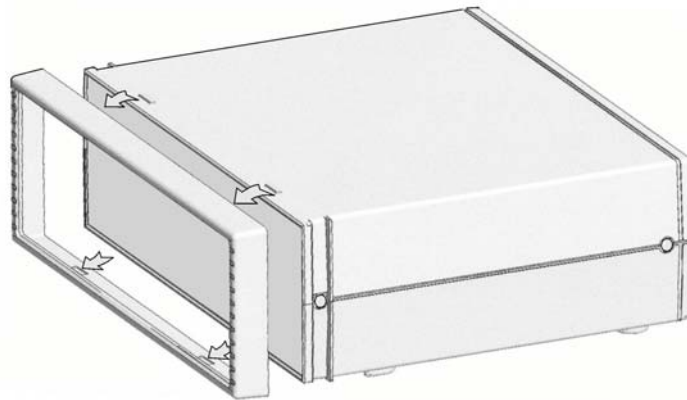


Fig. 1

3. The two case halves are held together by four plastic snap-rivets. To release these, first ease out the head of the rivet using a small screwdriver blade, see fig 2(a); there is a recess in the case above and below each rivet to give access to the head. With the rivet head out the body of the rivet can now be eased out with the screwdriver blade, figure 2(b); remove the rivet completely.

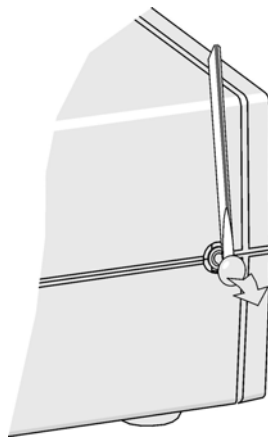


Fig. 2 (a)

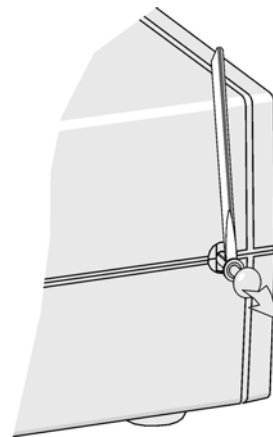


Fig. 2 (b)

4. Lift off the case upper to give access to the circuit boards inside the case.
 5. To remove a circuit board to, for example, change the mains operating voltage of an instrument, following the specific instructions given in the manual provided with that instrument.
 6. Refit the pcbs ensuring all connections are remade as before, and refit the case upper.
 7. With the rivet head out, re-insert the plastic snap-rivets and then push in the heads to lock them.
 8. Refit the bezel; push the front edge of the bezel in the vicinity of the retaining ribs (figure 1) until the bezel 'snaps' onto the case.
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