

ADM Toolbox 2008



AD4406 Auto Power ON

The AD4406 requires an operator to press the ON/OFF button after the mains power has been applied to turn the display on.

Problem: **Weighing applications where no operator is present.**

24 Hour un-manned weighbridges systems
Remote silo level monitoring for tanker delivery systems
Batching systems with auto restart after power failure




The AD4406 requires a Main Board modification.

While this is quite a simple modification the Main Board is still a precise and sensitive piece of equipment and as thus, this modification should **ONLY** be performed by qualified personnel.

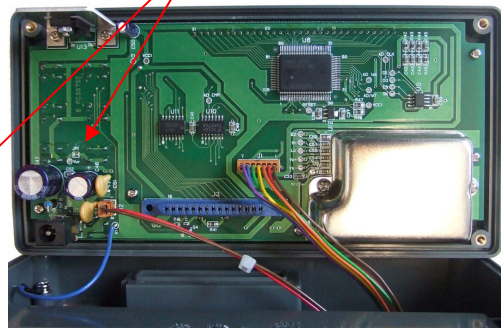
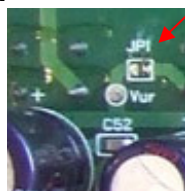
"If you have any doubt as to how to carry out this procedure, please contact A&D Mercury's Service Department so as not to compromise the warranty on your A&D product".

Many manufacturers do not bring to the front of their products all the functionality that is available on the used hardware, this can be because the unit has been designed to be very simple, to meet a target manufacturing cost, simply left for trouble shooting by the manufacturer.

Modification Explanation:

- Step 1: Remove the power adaptor which is connected to the mains supply.
Remove the battery pack if it is fitted.
- Step 2: Remove any fitted option card.
- Step 3: Remove the four screws that secure the front bezel to the rear housing.
Note: There is one screw hidden under the calibration cover plate. 
- Step 4: Locate the position of JP1 on the main board.
- Step 5: Use a soldering iron with fresh solder to produce a short on JP1.
- Step 6: Re-assemble the AD4406 and apply power.

The AD4406 will now turn on immediately without pressing the On/Off button when power is applied.



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Open - On/Off button is required

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Short - Automatic ON. On/Off is functional.

