MASON UK LTD
Noise, Vibration &
Thermal Engineering

METHOD STATEMENT

Installation and Adjustment of Open Spring Isolators

Step 1.
Place the equipment on temporary support blocks, at least 50mm high.

These will be removed after the installation of the spring mounts.

Step 2.
Make all the required connections to the equipment and fill the system. It is essential that the system is at, or close to, the normal operating weight before the springs are set.

Ensure that the ground where each spring mount is to be placed is flat and level so the spring mount can sit vertically.

Step 3.
Remove the locating cap screw from the top of each spring mount adjustment bolt.

Step 4.
Place the correct spring mount under each support location, pass the locating cap screw through the support and re-insert into the main adjustment bolt. The cap screw should be secure but loose.

Step 5.
When all spring mounts are correctly located, turn each adjustment bolt with a spanner anti-clockwise two full turns. This starts to transfer weight to the spring, causing it to compress.

Step 6.
Repeat Step 5 as many times as necessary until the temporary support blocks under the frame are just loose in all locations. If the blocks next to one mount start to become loose stop adjusting that mount and continue to adjust the others until all the temporary support blocks are just loose.

Step 7.
Regularly check the equipment level and adjust each mount accordingly. Continue to turn the adjustment bolt anti-clockwise to lift further, or clockwise to lower. Continue to adjust the mounts until the equipment is level and all temporary support blocks are just loose.

Step 8.
When the equipment is floating on the springs and is level, tighten all locking bolts securely.

Remove the temporary supports from under the inertia base.

Mason UK Ltd, Unit 6, Abbey Business Park, Monks Walk, Farnham, GU9 8HT
Tel: 01252 716610 **Email:** info@masonuk.co.uk **Web:** www.masonuk.co.uk