



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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Installation Instructions For MAS Air Springs

DATE: 7-28-05

DRAWING NO. A-29043

1. Block equipment base up 8-1/4" (210mm) off the floor, or 1" (25mm) if using height saving brackets.
2. Slide MAS air spring mounts under the equipment base or height saving bracket with the 1/4" NPT threaded nipple at the bottom facing out. Bolt to the equipment base or bracket.
3. See drawing A-16010-2 for the typical layout of the leveling valves. Leveling valve # 1 must be attached to the equipment so the black air supply and exhaust lever is perpendicular to the length of the equipment while leveling valves # 2 & 3 must have the black levers parallel to the length of the equipment (See drawing S-302).
4. Attach the valves to the equipment base with miscellaneous steel as required. Valves must be attached to the floor and equipment base. (See drawing S-302) Install the valves so the black air supply and exhaust lever is 1/4" (6mm) above level when it attaches to the turnbuckles.
5. Install piping as shown on A-16010-2.
6. Open air and check for leaks.
7. The equipment should have risen 1/4" (6mm) off the blocking. If not, increase the length of the turnbuckle on the leveling mount connected to that mount.
8. Check the equipment for level and adjust as required by turning the turnbuckles. Increasing the length of the turnbuckles raises the equipment, and decreasing the length lowers the equipment.
9. After the equipment is level, turn down the locknut on the turnbuckle to hold the adjustment.
10. Install down-stops if provided.

DWN: JT

CHKD:

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