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Installation Instructions For SLR-MT Air Springs

DATE: 5-21-14

DRAWING NO. A-35429

1. Block up equipment off the floor to the height listed on the certified submittal, or 1" (25mm) if using height saving brackets.
2. Slide SLR-MT 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 or height saving 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 certified leveling valve submittal S-302).
4. Attach the valves to the equipment base with miscellaneous steel as required. Valves must be attached to the floor and equipment. (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. Loosen the restraining nuts on the top of the SLR-MT mounts approximately 3/8" (10 mm) to allow the unit to rise.
7. Turn on the compressed air and check for leaks.
8. The equipment should rise 1/4" (6mm). If not, increase the length of the turnbuckle on the leveling mount connected to that mount. Remove the steel spacers on each mount, once the upper section of the SLR-MT mount is floating.
9. Check the equipment for level and adjust as required by adjusting the turnbuckles. Increasing the length of the turnbuckles raises the equipment, and decreasing the length lowers the equipment.
10. After the equipment is level, turn down the locknut on the turnbuckle to hold the adjustment.
11. Readjust the restraining nuts on the top of the mounts, leaving 1/4" (6mm) gap to allow for movement.

DWN: JT

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