

## **Installation Instructions for SLM-1A-SLM-3A**

- 1 Do not use the SLM-mount under static loads greater than the indicated maximum.
- 2 Do not inflate the SLM unless the static weight of the equipment to be mounted is placed atop the mount. Read instructions carefully.
- 3 **WARNING:** SLM mounts should not be pressurized above 60 psi. If in doubt, the pressure should be checked with a pressure gage, such as Schrader tire gage type 8100. Models SLM-1A and SLM-3A should be inflated with a bicycle-type pump or regulated air supply set to 60 psi or less to avoid overinflation.
- 4 Whenever the equipment is to be removed from the mounts, deflate the mounts before removal of the load.
- 5 The level of the support base as well as the equipment foot should be such that no SLM between the equipment and the support base will have to be adjusted for level more than +/-0.25 inches.

### **A. TO INSTALL**

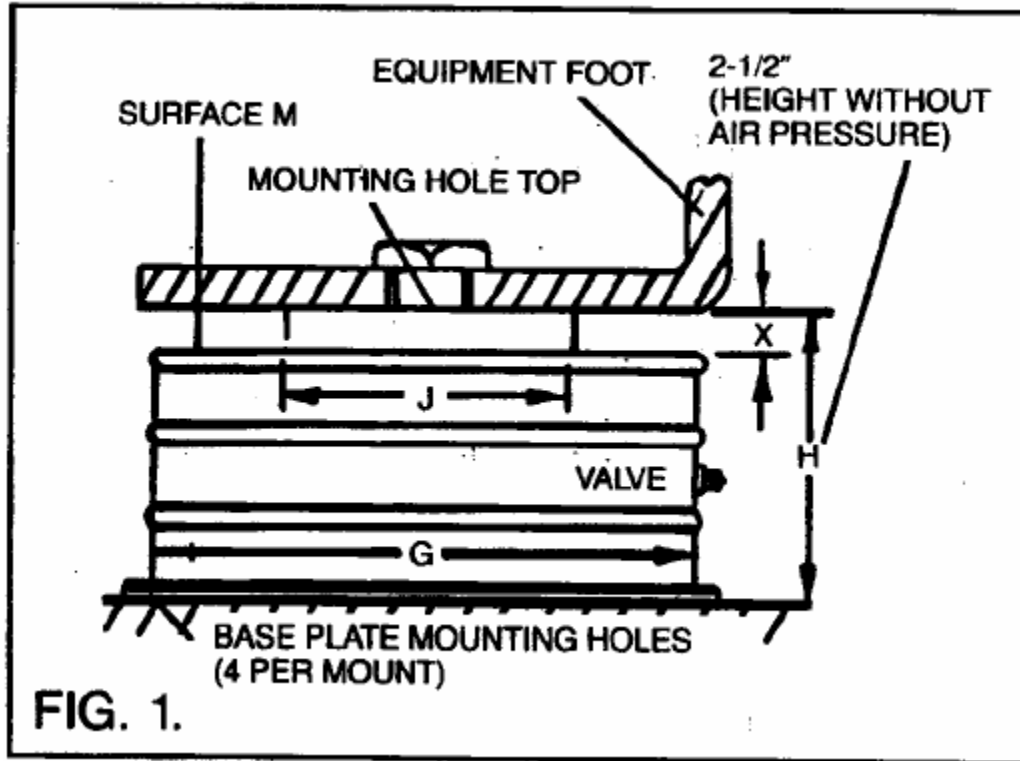
- 1 Raise the equipment to a height greater than 2.50 inches and place the SLM mount between the equipment and the support base.
- 2 Insert the center bolt and engage the threads in the mount. Hand tightening is adequate at this point.
- 3 Lower the equipment, which will come to rest on the mount surface M.
- 4 Tighten bolt.  
**IMPORTANT:** Tightening of the SLM-1A mounting bolt may cause twisting of the top mounting surface which could result in reduced isolator life. To avoid this possibility, raise the static load until the mount base plate is free and the isolator twist is relieved. In cases where the holes in the SLM mounting plate must be aligned with existing holes in the mounting structure it is permissible to rotate the body of the mount to line up the holes. If rotation exceeds 5 degrees, however, it will be necessary to loosen the top bolt and readjust the equipment.
- 5 Lower the equipment and install bolts through the mounting holes provided in the base plate if mount tie-down is desired.
- 6 Sequentially pressurize each isolator through its valve until dimension X is 1/16 inch for each mount.
- 7 Continue sequential pressurization of each mount so that dimension X increases in increments of approximately 1/8 inch until X is 0.5 inches or the overall mount height is 2.50 inches (whichever is more convenient to measure).

## **B TO LEVEL**

- 1 Bleed or insert air to respectively lower or raise the mount height in small increments until the desired level is reached.
- 2 Check each mount for overall height which should be within 2.50+/-0.25 inches. If beyond this range, repeat the pressurization/bleed process until the height tolerance and the desired levels are reached.

**NOTE::** If air supply pressure exceeds the indicated requirement for the static load, the isolator will seek a height greater than 2.50 inches. To install the mount under such circumstances, the valve is manually bled to reduce to 2.50 inches. If the air supply pressure is less than the indicated requirement for the static load, a larger mount may be required.

**NOTE::** The equipment foot should cover the entire top surface M of the mount. If not, a plate of Diameter G should be placed between the foot and the mount.



Mount Part Number	Static Loading (lbs.)				Dimensions	
	Min.	Max.	J"	G"	Mounting Hole Thread x Depth	Hole Size For Tie Down Bolts (in.)
SLM-1A	25	100	1.09	2.89	3/8-16 x .47"	.29
SLM-3A	75	300	2.06	4.14	1/2-13 x .54"	.29