

MGM Brakes

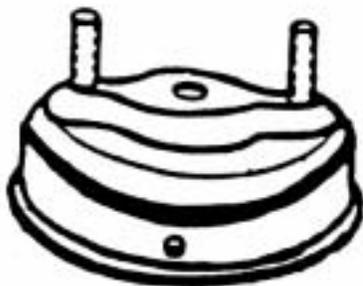
A Division of Indian Head Industries, Inc.

TECHNICAL BULLETIN

**SUBJECT: GUIDELINES FOR MOUNTING SPRING BRAKES TO BRACKETS
WITH VERTICAL OR HORIZONTAL BOLT HOLE LOCATIONS**

Spring brake mounting brackets are designed with the mounting bolt holes in a vertical line relative to the axle or in a horizontal line or slightly angles from horizontal relative to the axle. It is imperative that a spring brake with a specific non-pressure chamber (mounting plate) be mounted to the right bracket.

MGM Brakes manufactures two basic non-pressure chamber designs, a double lobed design and a flat bottom design. The double lobed design is to be used with brackets having the bolt holes in a vertical plane only, if mounted with the bolts horizontal the brake chamber will rock up and down about the lobes due to jousting or road vibration. This action will cause the mounting studs to tear out of the non-pressure chamber. The flat-bottom non-pressure chamber was specifically designed to strategically contact brackets with horizontal bolt locations such that the rocking action would be prevented and bolt tear out eliminated. The flat-bottom non-pressure chamber is also available with welded in, reinforcing plates to provide the dual service role of mounting to both horizontal and vertical mount brackets.



DOUBLE LOBE
NPC



FLAT-BOTTOM
NPC