

RECOMMENDED VIBRATOR INSTALLATION FOR AIR PISTON VIBRATORS

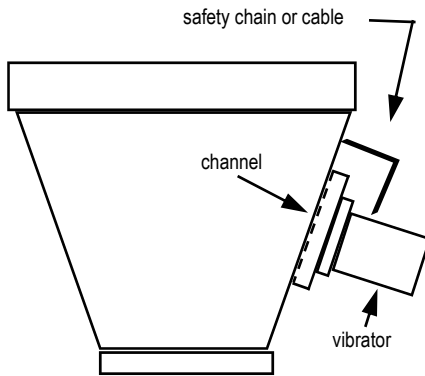
MOUNTING INSTRUCTIONS

Regardless of the application or installation, care must be taken to insure that the structure to which the vibrator is being mounted is sufficiently rigid enough to withstand the vibration being generated.

Improper care in mounting the vibrator can result in either cracking of the structure and/or the unit prematurely failing.

VIBRATORY EQUIPMENT

When the air piston style units are being used as vibratory drives on equipment such as feeders, conveyors, screeners, tables, etc. it is assumed that the design of the equipment has taken into consideration the stresses being created.

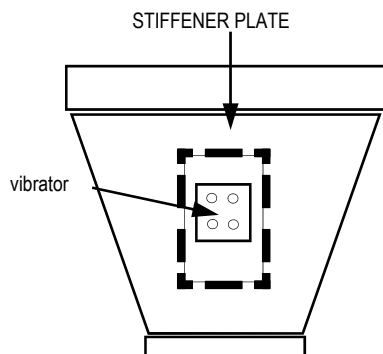


Transmission channel should be 2/3 of the length of the sloped wall.

HOPPERS, BINS AND CHUTES

For hopper, bin and chute applications, the air piston style units have been designed to bolt directly onto a length of either structural channel or a stiff plate, the channel or plate is, in turn, stitch welded to the hopper wall or underside of the chute.

Usually, a conical hopper or bin will provide sufficient rigidity, so additional reinforcement will not be necessary. In such cases, CVC recommends the use of our mounting channel (or suitable replacement) to be used as the mounting bracket.



WELDING INSTRUCTIONS

Regardless of the type of mounting bracket being used (channel, channel with angle runners, plate, etc.), ***never continuously weld it to the wall.*** A stitch weld should be used every one to two inches, skipping an equal distance between the welds.

Never weld the ends or corners of the bracket, as cracking of the hopper wall could result. Keep all ends and corners of the bracket free for a distance of one inch. Typical welding patterns are shown,

