



INSTALLATION AND ADJUSTMENT INSTRUCTIONS

KORFUND TYPES LK, LM, LN, SK, & SKY VIBRO-ISOLATORS



1. Isolators are shipped fully assembled and are spaced and arranged in accordance with installation drawings or as recommended by Korfund.
2. Set Isolators on sub-base, shimming or grouting where required to level all Isolator base Plates A at the same elevation ($\frac{1}{4}$ " maximum difference in elevation can be tolerated). Isolator top plates B and base plates A must be properly aligned. Do not force into line. Isolator base plates must rest on a flat surface. Bolt thru holes L or cement to sub-base when required -- types SK and SKY must be securely bolted.
3. Release bolts and/or nuts J and K until snubber compression plate F is not binding snubbers H. (Not required for type LN).
4. Place machine or foundation on Isolators. The Isolator top plates B will descend.*
5. For type SK Isolators (and on some special jobs for other types) mounting bolt holes G are provided in the Isolator top plate to furnish additional means of fastening the machine on the Isolators.

ADJUSTMENT PROCEDURE

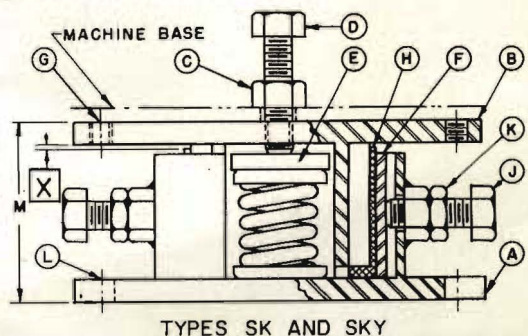
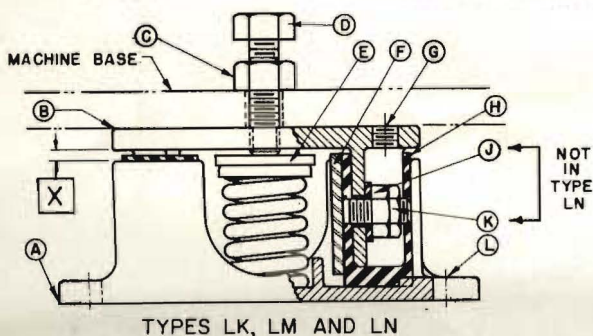
6. Insert Isolator leveling bolt D with nut C thru bolt holes in the machine base or foundation and screw into Isolator top plate B until contact is made with compression plate E.
7. If clearance at [X] is less than $\frac{1}{4}$ " on any Isolator, screw down two complete turns on leveling bolt D of each Isolator, making a complete circuit of all Isolators and repeating this procedure, causing the Isolator top plate to rise, until there is $\frac{1}{4}$ " or more clearance at [X] on all Isolators.* If initial clearance [X] exceeds $\frac{1}{4}$ " on all Isolators, omit this step.
8. If machine is not level after procedure #7 is completed, screw down an equal amount on leveling bolts D of all Isolators toward the low end until it is level. (Operating height of Isolators can be increased, if desired, by repeating step #7 on all Isolators, after machine is level, until required height is reached).
9. Tighten nut C to complete spring adjustment.

HORIZONTAL CHOCK ADJUSTMENT (Not required for type LN)

Note: Best isolating efficiency will be obtained if plates F are just barely touching snubbers H. Snubber tightening should be used only where necessary to prevent excessive movement of the machine at start-up or shutdown. For impact machines, such as punch presses, damping provided by slight snubber adjustment will be useful in controlling movement, since the force transmission will not be increased by small amounts of damping. Over-tightening snubbers will cause vibration transmission.

10. Operate the machine. Tighten nut or bolts J at each end of all Isolators until bolts of SK or SKY are finger tight, or until there is no horizontal play in studs of LK or LM.
11. If movement is excessive, tighten the nuts or bolts J on each end $\frac{1}{4}$ turn at a time on all Isolators until movement is reduced to an allowable maximum.
12. Tighten lock nuts K, to complete the installation.

* When the load is applied (step 4), the top plate moves down and compresses the springs until: (A) the springs support the load, or (B) the top plate rests on bottom housing. In case (A), screwing down on leveling bolt will immediately start to raise the equipment; in case (B), screwing down on the leveling bolt compresses the springs until they support the equipment weight, at which point further turning will raise the equipment.



NOTE: LK/A HAS SNUBBER ADJUSTING SCREW J SIMILAR TO SK ISOLATOR

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