

## **Safety Guidelines for Proper Use of Single Cup Vacu-Lifter / Floor Tile Puller**

The following are guidelines intended to assure the safest possible use of All-Vac's Single Cup Vacu-Lifter / Floor Tile Puller hand tool.

**To Attach** the Vacu-Lifter, place it on top of a smooth, dry, non-porous material in a horizontal position and press down on the top of the handle, forcing the air from beneath the vacuum cup. The vacuum cup will compress and create a vacuum seal. **To Release** the vacuum seal, place the palm of your hand on the top of the handle and lift up on the release trigger located below the top of the handle with your fingertips.

- **Use the Vacu-Lifter only as a hand lifting tool for short term handling.**
- **Use the Vacu-Lifter only on clean, smooth, dry, non-porous material, free from oil or grease.**
- **Use the Vacu-Lifter for lifting material in a horizontal position. Lifting material in a vertical position may lead to the vacuum cup sliding from its original position on the material. For safely lifting material in a vertical position, ask for All-Vac's Locking Lever Suction Cup Hand Tools.**
- **Test the vacuum grip each time before lifting a load.** To test the grip, **attach** the Vacu-Lifter as discussed above by applying pressure onto the handle. Watch the cup for 10 seconds, if you see the cup rise upward you know there is not the required vacuum seal. If there is no seal, inspect the vacuum cup to see if there is a tear or there is debris anywhere on the cup that could be preventing the seal. If the cup is torn, either replace it with a new cup or do not use the Vacu-Lifter. If there is any debris on the cup, even if it is very small, remove it. Re-test the Vacu-Lifter.

If it still does not create a vacuum seal, consider loosening the hex nut that holds the release assembly in place and removing the release assembly. Check the rubber seal on the assembly and the bottom of the hollow insert that the seal presses against, and remove any found debris on the seal or the insert that may be preventing the rubber seal from sealing tightly. Re-connect the release assembly by tightening the hex nut onto the threaded insert at the top of the vacuum cup. If after performing these steps the Vacu-Lifter will not create a vacuum seal, do NOT use it. Do not add anything to All-Vac's Vacu-Lifter nor remove any part from it to try to change its performance. If the Vacu-Lifter is not performing to your expectation, please call All-Vac and we will work with you to either repair it or replace it.

- **When finished using the Vacu-Lifter, store it with the vacuum cup in the flat, relaxed position.** Storing it on its side could cause the cups to become misshapen thereby creating a small gap for air.
- **When releasing the vacuum grip, lift up gently on the release trigger with your fingers while the palm of your hand is placed upon the top handle.** Do not break the vacuum seal when the weight of the load is being supported by the Vacu-Lifter.
- **Do not use the Vacu-Lifter as a suspension tool for hoisting loads or to suspend or secure persons.**
- **Before using a Vacu-Lifter that has already been used, or after repeated use of a Vacu-Lifter, check the vacuum cup for any debris, oil, or other material.** The vacuum cup needs to be clean and free of debris for optimal use. Cups may be cleaned with a small amount of soapy water or mild household cleaner applied to a clean cloth. Filtered compressed air may also be used to clean debris from vacuum cups.

If you have questions regarding the application of any Vacu-Lifter/Floor Tile Puller please call us at (847) 675-2290 and ask to speak with an engineer. Effective date: January 2008.