

Safety Guidelines for Proper Use of Double Cup Vacu-Lifters / Floor Tile Pullers

The following are guidelines intended to assure the safest possible use of your new Double Cup Vacu-Lifter and Floor Tile Puller hand tools.

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 both vacuum cups. The vacuum cups 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 bar located below the top of the handle with your fingertips.

- **Use the Vacu-Lifter/Floor Tile Puller only as a hand lifting tool for short term handling.**
- **Use the Vacu-Lifter/Floor Tile Puller only on clean, smooth, dry, non-porous material, free from oil or grease.**
- **Do not use Vacu-Lifter/Floor Tile Puller as suspension tool for hoisting loads or to suspend or secure persons.**
- **Use the Vacu-Lifters/Floor Tile Pullers for lifting material in a horizontal position. Lifting material in a vertical position may lead to the vacuum cups sliding from their original position on the material. For safely lifting material in a vertical position, look at our 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 cups for 10 seconds, if you see one or both cups rise upward, the vacuum seal, which is required, was not achieved. If there is no vacuum seal, first inspect the vacuum cups to see if there is a tear or 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 debris on the cup (even something as small as a metal shaving or cardboard debris) remove it. Re-test the Vacu-Lifter.

If it still does not create a vacuum seal, consider loosening the hex nuts that hold the release assembly in place and removing the release assembly. Check the rubber seals on the assembly and the bottom of the hollow inserts that the seals press against, and remove any found debris on the seals or the inserts that may be preventing the rubber seals from sealing tightly. Re-connect the release assembly by tightening the hex nuts onto the threaded inserts at the top of the vacuum cups. If after performing these steps the Vacu-Lifter will not create a vacuum seal, do NOT use it. Do not add anything to the 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 your dealer who will work with you to either repair it or replace it.

- **When releasing the vacuum seal, lift up gently on the release bar 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.
- **When finished using the Vacu-Lifter/Floor Tile Puller, store it with the vacuum cups in the flat, relaxed position.** Storing it on its side could cause the cups to become misshapen thereby creating a small gap for air. You may also purchase a wall bracket made specifically for storing your Vacu-Lifter.

■ **Before using a Vacu-Lifter/Floor Tile Puller that has previously been used, or after repeated use of the hand tool, check the vacuum cups for any debris, oil, or other material.** The vacuum cups need 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 use of any Vacu-Lifter/Floor Tile Puller, please call us at (847) 675-2290 and ask to speak with an engineer. Effective date: July 2008.