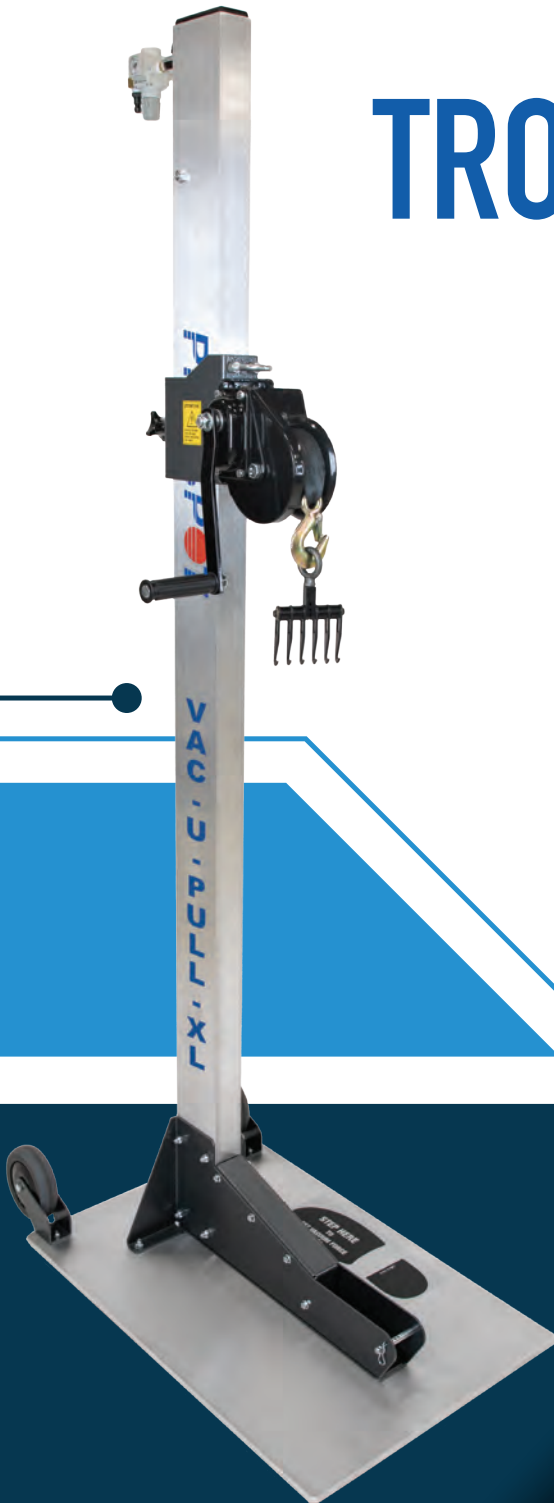


TROUBLESHOOTING GUIDE

VERTICAL DENT PULLER
VAC-U-PULL-XL



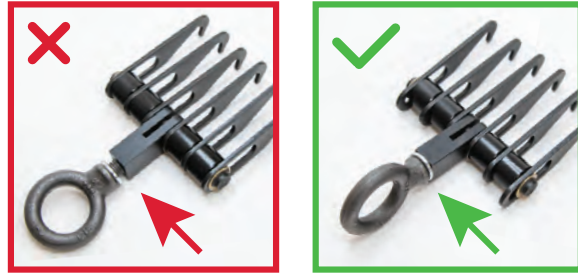
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1. VAC-U-PULL-XL USE AND MAINTENANCE

1.1 Always blow off area of the floor that you are setting the base of the post on.

1.2 If using the bear claw for pulling, make sure that it is screwed all the way on the eyelet.



1.3 After turning on the air to the post, push forward from behind the post to make sure it is seated properly.

1.4 When storing make sure it is stored on a flat clean surface. The gasket is very dense and will create a memory if something is stored underneath it and not hold properly. Example – extension cord, air hose, etc.

2. VAC-U-PULL-XL NOT STAYING SECURED TO FLOOR

(procedures for SA-0148 rev. A)



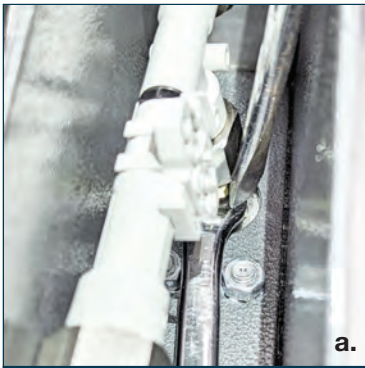
2.1 Remove venturi cover from the base plate



2.2 Gently lift the muffler end of the Venturi to easily access the air tube release ring on the base plate air fitting.

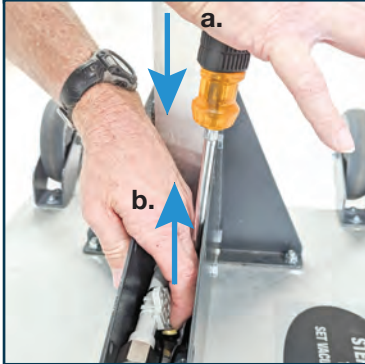


2.3 Place the open end of a 12mm (1/2") box wrench over the air tube release ring.



2.4 Using a large flat blade screwdriver
a. push down on the open end of the box wrench to depress the release ring.

While simultaneously
b. pulling up on the Venturi "T" section.
(Do not pull up on the Muffler).



Released.



2.5 Using a 25mm wrench on the large nut, and a 21mm wrench on the Muffler hex, loosen the Muffler.



2.6 Unscrew and remove the Muffler.



2.7 Inspect the inside of the Muffler.

Look for dirt, debris or other contaminants that could clog the filter wall of the Muffler.

Clean or replace the Muffler (51-0183-A).



2.8 Re-install the Muffler.



2.9 Insert the tube into the base plate fitting and push firmly.

Give the Venturi "T" section an upward tug to make sure the tube is locked into the air fitting.

2.10 Re-install Venturi cover.

3. VAC-U-PULL-XL NOT STAYING SECURED TO FLOOR

(procedures for SA-0148 rev. B)



3.1 Remove venturi cover from the base plate.



3.2 To remove the Muffler, depress the tube release ring in and pull on the Muffler at the same time.



Released.



3.3 Inspect the inside of the Muffler.

Look for dirt, debris or other contaminants that could clog the filter wall of the Muffler.

Clean or replace the Muffler (51-0183-B).



3.4 Insert the Muffler into the fitting and push firmly.
Give the Muffler a tug to make sure it is locked into place.

3.5 Re-install Venturi cover.

4. GASKET SLIPPED ON THE BOTTOM PLATE DUE TO OVER PULLING



4.1 The gasket will need to be re-glued.
Make sure to clean the old glue off first.
We recommend something like 3M 4298UV
adhesion promoter and then spray adhesive
to glue back on.

4.2 If the gasket is torn, then it can be replaced
(part #84-0501-B).

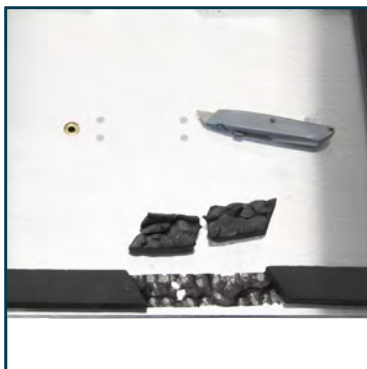
4.3 Occasionally clean the gasket with soap
and water or a glass cleaner. No harsh chemicals.

5. GASKET HAS AN INDENTATION OR IT IS PARTIALLY DAMAGED



5.1 Use a razor knife to cut the piece of the gasket in two parallel lines at 45°.

NOTE: Do not cut too deep into the base metal.



5.2 Peel off damaged part of the gasket.



5.3 Thoroughly clean the surface with adhesive remover and scraper.

Clean the area with rubbing alcohol, after the adhesive has been removed.



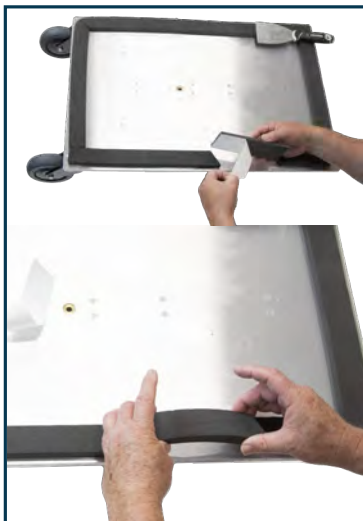
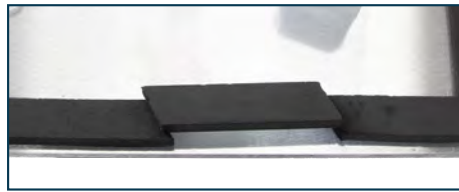


5.4 Apply adhesion promoter.
We recommend 3M 4298UV.

NOTE: The adhesion promoter must be dry before replacement foam is put in place.



5.5 Measure a piece from spare gasket to fit into the cut area. Make sure to add at least 0.25 inch on both sides.



5.6 Apply the piece of the replacement gasket to the metal plate by pressing firmly.

