



# LimbLogic™ VS Diagnostic Kit

## For the LimbLogic™ 4-Hole Attachment Plate

The following process can be used to evaluate the integrity of the system prior to fitting or to isolate the source of a leak in a system fabricated with the LimbLogic VS 4-Hole Attachment Plate.

Start HERE if the leak is found AFTER the prosthesis has been delivered.

Have the patient don the prosthesis:

- fold down the top edge of the Alpha Liner
- use a **latex sleeve** from the kit instead of the Alpha Flex

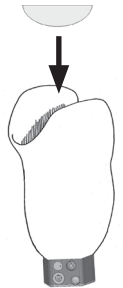
Activate the vacuum.

If the leak goes away, the **Alpha Flex** was the source.

If the leak does NOT go away

Start HERE if the leak is found BEFORE the prosthesis has been delivered.

Press the **Suction Pad** against the proximal surface of the distal adapter. Activate the vacuum.



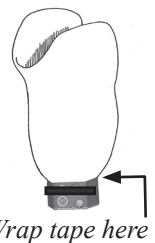
If the leak goes away

If the leak does NOT go away

The leak was coming from **between the adapter and the socket** or **through the socket walls**. Check socket fabrication against Ohio Willow Wood's recommendations.

Please note: if an intermittent leak is detected during dynamic alignment, drill the center hole out to 3/8", fill the hole with epoxy, then drill a new 9/32" hole in the center.

Wrap the **Sealing Tape** around the junction between the socket and the Vacuum Pump. Activate the vacuum.



If the leak goes away

If the leak does NOT go away

The leak was coming from the **proximal sealing gasket**.

Check gasket for tear or debris. Clean with isopropyl alcohol. Install a new proximal sealing gasket.

Use the Diagnostic Disc that is included with every pump to see if the leak is coming from the pump:

- Remove the protective tape from the Diagnostic Disc.
- Place the Proximal Gasket in the recess on top of the pump.
- Place the Diagnostic Disc on top of the Proximal Gasket.
- Start the pump and make sure the vacuum does not bleed off.

If the leak goes away

If the leak does NOT go away

Reassemble the prosthesis.

Have the patient don the prosthesis with a **latex sleeve** from the kit instead of the Alpha Flex. Activate the vacuum.

If the leak goes away, the leak was coming from the **Alpha Flex** or from the walls of the drilled hole.

If the drilled hole is the source:

- drill the hole out to 3/8", fill the hole with epoxy, then drill a new 9/32" hole in the center.

The leak was coming from the **Vacuum Pump**. Contact Ohio Willow Wood.

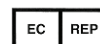


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