

# VWK011 VAMPIRE VACUUM PUMP BRAKE BLEED KIT



The 'Vampire' vacuum pump brake bleed kit features a "pull style" handheld pump, with the use of a sealed collection chamber. It should work for all types of motorcycle brake systems. The bleed tube should be connected to your motorcycle brake caliper and the master cylinder reservoir topped up with brake fluid whilst bleeding.

The kit comes supplied with all the clear tubes and adapters you will need to perform a consistent bleed on a wide range of motorcycles and other vehicles. The included adapters are flexible rubber so you can force them over various bleed nipples to fit tightly.

## Contents:

- Vacuum pump with pressure gauge.
- 2 long clear hoses
- 1 short hose for collection chamber
- Collection chamber & Lid
- 1 thinner hose for adapter use
- 14 flexible adapters - various sizes
- Instruction Manual & Venhill sticker

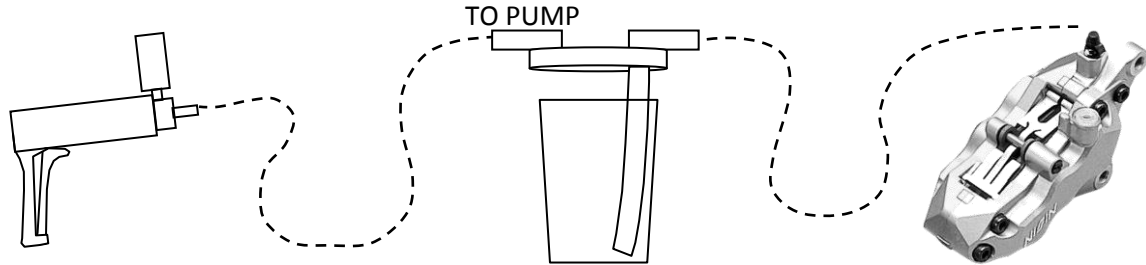


## Operating instructions:



Clean your master cylinder cap and cover fuel tank / fairing / painted surfaces with old dust sheets before starting. Brake fluid will strip paint as it acts like a medium acid. Make sure you have enough new brake fluid to complete the bleed. Consult your motorcycle manual for the correct type and specification to use.

1. Test the pump is working correctly prior to use: Hold your finger over the nozzle and gently apply the handle. The gauge should show an increase in pressure and should maintain it as long as you keep your finger over the nozzle.



2. Fit a long tube to the nozzle on the 'pump' and fit the other end to the nozzle on the collection chamber lid marked 'TO PUMP'.
3. Fit the short tube to the inside of the lid for the collection chamber.
4. Check the rubber seal on the collection chamber is fitted correctly inside the grooves and secure the lid in place correctly by rotating it once fitted.
5. A longer tube is to be fitted to the remaining end of the chamber lid which should then be attached to your bleed valve on your motorcycle.
6. Unscrew the bleed valve  $\frac{1}{4}$  to  $\frac{1}{2}$  a turn to open the caliper.
7. As you pump the gun (only once or twice needed!), the vacuum is created inside the reservoir and sucks through the old brake fluid from your system.
8. As the fluid is being pulled through the system, keep topping up the reservoir with new fluid of the same type and recommendation as per your motorcycle manual.



**Ensure the collection chamber does not over fill to the top otherwise brake fluid will get into the pump! Always dispose of old 'used' brake fluid at an approved waste disposal / recycling centre. Do not pour down the drain or sink!**

- ▶ If the collection chamber is nearly full, close the bleed valve on the brake caliper and carefully remove the pump from the collection chamber. You should now pour the old fluid into a suitable container for safe disposal later. Re fit the pump, and tubes and operate the pump to build a bit of pressure before you re-open the bleed valve on the caliper to continue bleeding.

## Troubleshooting:

**Cannot get the assembly to hold a vacuum** – methodically work along the assembly checking each hose / component one at a time. Hold your finger over the end of pipes to test for vacuum. Check the rubber seal is seated correctly in the groove of the collection chamber lid. If the Pump has been in storage for a long time the seal can become flattened or squashed. Carefully remove seal with a flathead screwdriver and mold with hands. Flip it over and re install into the groove. Refit lid and test again.