



# DIFF BREATHER KIT

**MULTI COMPONENT 4 PORT KIT.  
SUITS METRIC & IMPERIAL FITTINGS.**

## DIFF BREATHER INSTALLATION GUIDE ALL MODELS

The HULK Breather system kits are a simple installation for a wide variety of 4WD vehicle applications allowing for the installation to Front & Rear Diffs, Transfer Case, Gearbox/Transmission and Winches, giving total protection of your entire drivetrain.

### STEP ONE

Populate the Breather block.

Using the components in "BAG2" screw the 4x Sintered filters and 4 x1/4PU hose fitting into the Breather block. With a spanner "NIP" up tight being careful to not over tighten. The balance of the fittings in "BAG2" are the 1/8th BSP imperial Diff and gear box fittings that will suit most Toyota's, Nissan's and Isuzu's.

### STEP TWO

Installing the breather manifold block

Mount the populated Breather Assembly block to the firewall or inner front guards within the engine bay at the highest point convenient. Keep the Breather block assembly & hoses well away from any heat source. Allow clearance for the bonnet to close safely away from the top of the Breather Filters. If using the supplied self-drilling mounting screws, caution should be taken to ensure there is nothing behind where you are drilling.

### STEP THREE

Connecting & Running Hoses

Start with your rear diff & run the supplied hose along the chassis rail to the rear diff, making sure you allow enough extra hose to allow for suspension travel and Articulation. Use the supplied cable ties to secure the breather line along the way. Prior to connecting any of the "push in fittings", cut a small amount from the hose end to ensure it has a clean and flat end to push into the PU fitting.

Locate the Factory Diff breather fitting on top of the rear Diff and replace this with one of the straight 1/8th BSP PU fittings left over from "BAG2". You can now connect the hose end to the Diff and Breather block. Repeat this procedure for the front Diff.

### STEP FOUR

Finding Gearbox & Transfer Case Vents

While we cannot give you specific locations of these points as they are in various locations from Vehicle to Vehicle, Most Vehicles have them situated at the tops of the boxes either with a screw in fitting or a push on hose barb. The same steps apply to Connecting Breather hose to the Transfer Case & Gearbox / Transmission, either use the 90 degree 1/8th fitting supplied or simply connect to the existing hose coming from the Gearbox or Transfer Case using the Push in barb fittings supplied in "BAG5" It is highly recommended that you use a Hoist when fitting these breather points.

### STEP FIVE

Checking All Breather lines are Secured & Watertight.