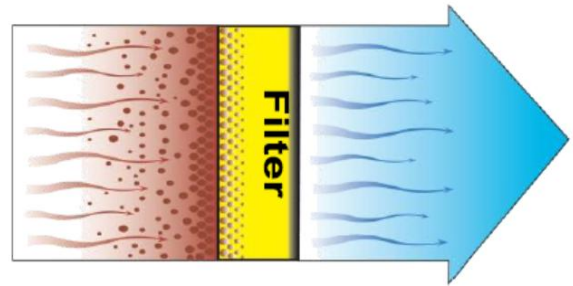


How Unifilter Australia Air Filters Work

To duplicate the world's best air filter - the human nose - Unifilter uses open cell, polyurethane foam to achieve the high level of efficiency required by today's high quality engines.

The open cell polyurethane foam provides excellent air flow and - combined with foam filter treatment - the best filtration obtainable in any automotive air filter. Unifilter Australia's foam air filters are on average 24% less restrictive than paper air filters filtering dust particles down to 4µm compared with 30µm for a paper filter. Add to this the fully-reusable factor of polyurethane foam and you have a top class value for money Air Filter.



Unifilter Australia generally designs their airfilters for Adventure motorcycles to have 2 stages of filtration. Depending on the motorcycle and the airfilter / air intake design, a pre cleaner may be used which adds a further stage of cleaning and filtration. A two stage airfilter has a separate outer coarse foam layer overlaying a finer inner layer (Pro Comp2 filters).

The advantage of Unifilter Australia's 2 stage design is that in all cases, both stages can be separated and cleaned independently. This negates the risk of dirt and grime building up between multi layers that cannot be separated. A number of other brands of foam filter are twin layered but cannot be separated which raises the risk of dirt and grime being caught between layers potentially grinding holes in the finer under layer and causing premature air filter failure.

Unifilter Australia, where applicable by motorcycle design, ridges the outer coarse stage of their dual stage foam filters. This provides extra surface area to trap dust while allowing superb breathability.

Having a spare Air Filter

We recommend a spare airfilter. Here at Adventure Motorcycle Equipment, we generally have 2 filters per Adventure Motorcycle. We have one sitting in the shed so if last minute preparation requires an airfilter clean, it is there ready to go! We often carry an oiled airfilter in a sealed plastic bag on dusty multi day group rides and change the air filter during the ride, which provides great peace of mind knowing that the engine is getting quality filtered airflow.

Warranty

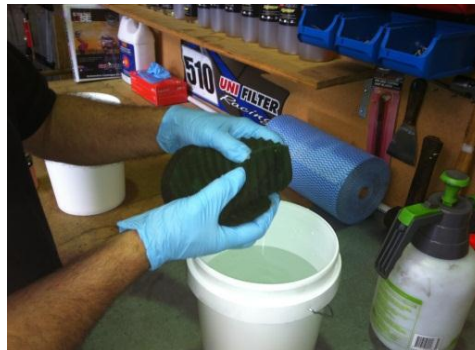
Unifilter Australia warrants that the filter element supplied is free from defects in workmanship and material. Unless subject to abuse, neglect, incorrect fitment or other circumstances beyond the control of Unifilter Australia, then the filter element will be replaced without cost for a period of three (3) years from the date of purchase.

Unifilter Australia Foam air filter servicing guide

Step 1. You will need "Unifilter Filter Fix" filter oil, "Unifilter Foam Filter Cleaner" (this is a citrus based cleaner, alternatively use Mineral Turpentine), pressure spray bottle, 2 x servicing buckets, latex gloves, two cleaning rags, sealing grease (mineralbased is the best to use)



Step 2. After putting on the latex gloves, pour the “Filter Cleaner” into the pressure spray bottle and spray the dirty filter both inside and out. Massage the cleaner through the filter.



Step 3. Rinse foam in clean bucket of water to remove the dirt. If the filter is still dirty repeat this step.

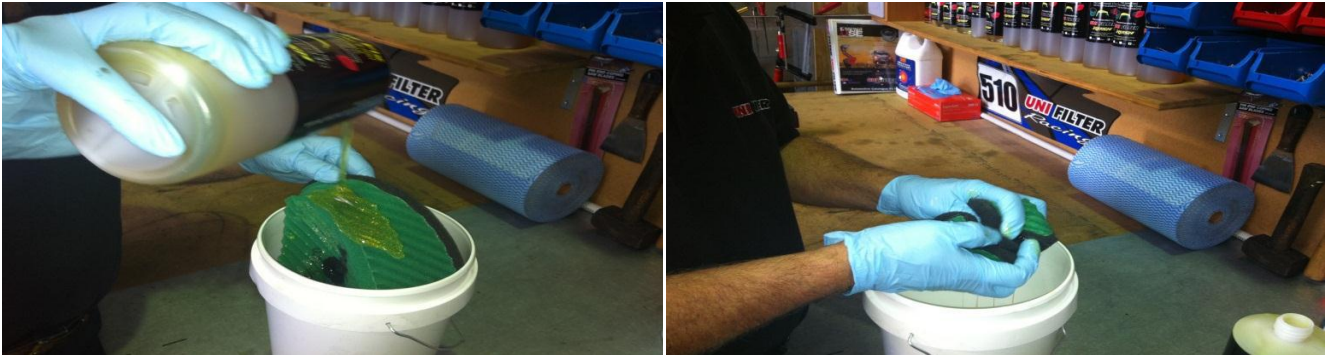
Step 4. After the filter is completely clean hang the filter up to dry. The filter needs to be 100% dry before re-oiling. If the filter is not completely dry the filter oil can hold the moisture in the foam and cause it to rot!



Step 5. Boil some water in a kettle, pour the hot water into a bucket and sit the bottle of Unifilter “Filter Fix” foam air filter oil in the hot water for a few minutes. (similar to a babies bottle) This warms the filter oil up and makes it easier to use.



Step 6. Once the filter is completely dry. Pour the warm filter oil over the filter. Hold the filter over a clean bucket and completely cover the filter with filter oil. This allows you to pour all the excess oil back in the bottle. Once you have covered the filter inside and out with filter oil, massage and squeeze the filter oil through the filter. Squeeze as much oil out of the filter as possible. **“Never wring the filter as it can cause it to go out of shape”.**



Step 7. Wrap the filter tightly in an absorbent towel or cloth for 20 mins to draw any excess oil out of the filter.

Step 8. Smear some grease on the base of the sealing foam where it contacts the air box. “Mineral based high temperature bearing grease” is the best to use for this.

#Step 8 Only required for dirt bike applications#



Step 9. The filter is now cleaned & re-oiled ready for use.

