



UNIFILTER

POLYURETHANE FOAM AIR FILTER SERVICE INSTRUCTIONS

Congratulations - you have chosen the best air filter system available for your vehicle. The cost of your Unifilter will be repaid many times over, via the superior filtering ability resulting in a reduction in engine wear *plus* Unifilter's fully serviceable characteristics which provide a service life many times that of a paper filter. Together with an increase in power and/or economy (in the majority of cases) we at Unifilter are confident you will be most satisfied with our product.

❖ **WHEN TO CLEAN AND RE-OIL**

Your Unifilter air filter has been supplied pre-oiled. Cleaning and re-oiling in normal road cars subjected to sealed highway and suburban road use will usually be required every 20,000 to 30,000 km. Regular inspection is advised (approximately every 5,000 km) to ensure that the element is not drying out. More frequent maintenance and inspection is recommended when in dusty conditions.

❖ **TO MAXIMISE SERVICE INTERVALS.**

Conventional Round and Oval Filters:

At intervals of approximately every 5,000 km:

1. Invert the filter to counteract any draining of the "Filter Fix" treatment oil, and;
2. Rotate the filter to expose a cleaner area to the point of air entry.

Flat Panel Filters:

At intervals of approximately every 5,000 km:

1. Rotate filter end for end.

❖ **HOW TO CLEAN (IMPORTANT – READ CAREFULLY)**

There are 2 methods of cleaning your Unifilter but the only totally safe method is to use **mineral turps** (See Method 1). However, for ease of washing out with a non-flammable product, Unifilter has produced a water wash out system – Unifilter "Foam Filter Cleaner". If you choose to use this system, then you **must** follow our instructions carefully.

Note - It is not always necessary to wash out both layers of foam - If the inner foam is clean and oiled it will only then be necessary to wash out and re-oil the outer work layer. **NEVER ALLOW A FOAM FILTER TO RUN DRY OF FILTER OIL** - check both work face and seals have not dried out.

METHOD 1 - Using mineral turps.

Remove foam from filter support cage and wash out in mineral turps. Pad dry with an absorbent cloth or paper towel - proceed to RE-OILING

METHOD 2 - Using Unifilter "Foam Filter Cleaner" (FFC)

Wash out using 50ml to 100ml of FFC and **immediately** rinse at least 3 times with clean water until all FFC is removed. **Dry thoroughly** with an absorbent cloth or paper towel and allow to **air dry** until all moisture has been removed. **Never soak** your foam filter in FFC - always wash out and rinse immediately. When thoroughly dry – re-treat foam as per re-oiling instructions.

❖ **HOW TO RE-OIL**

1. Completely saturate foam/outer bands with warm "Filter Fix" treatment oil. A plastic ice cream container is an ideal receptacle for this purpose.
2. Fold the foam and squeeze firmly to remove all excess oil - **DO NOT WRING/TWIST FOAM**. Note - You cannot remove too much oil by hand squeezing; so remove as much oil this way as you can.
3. Replace bands/foam onto the expanded metal cage. In the case of very large filters, use a plastic bag over the filter cage/inner foam for ease of fitment, then pull out the plastic bag from between cage/foams.

❖ **WARNING**

Never allow your Unifilter element to dry out. It is the "Filter Fix" treatment oil that provides the filter's sticky surface that holds the dust particles, giving the unique dust retention that Unifilter elements are renowned for. In principle, Unifilter elements work on the same basis as the human nose - a wet sticky passage collecting dust particles as the air passes.

SPECIFIC FILTER SERVICING

Service Instructions:

FOR FILTERS WITH A "UF" PREFIX

❖ **CLEANING**

Wash using mineral turps. As this style of filter is totally bonded the most satisfactory method is to use a turps soaked cloth and wipe dust from the filter surface. Service every 10,000 km or 5,000 in dusty conditions.

❖ **RE-OILING**

Mix Unifilter "Filter Fix" treatment oil & mineral turps at 50/50 ratio. Smear mix onto all foam surfaces then pad excess until foam is moist but not wet. In dusty conditions, smear neat "Filter Fix" on sealing edges to enhance sealing.

FOR FILTERS WITH A "TT" PREFIX

❖ **CLEANING**

Remove both layers of foam from metal frame & wash with mineral turps.

❖ **RE-OILING**

Using 2 caps of "Filter Fix", work oil into both layers of foam by folding & squeezing foams until moist but not wet. Refit foams to metal case with coarse grade foam to fresh air side.

RAMPOD FOAM

Wash & re-oil per instructions at left, but reduce service intervals to every 10,000 km.