



INSTALLATION & MAINTENANCE INSTRUCTIONS

Part No: NU-7311 Pre-Cleaner
BMW G650 Xchallenge

The NU-7311 pre-cleaner is designed to complement Unifilter's NU-7309 replacement filter to provide increased protection and improved performance for your BMW motorcycle. The NU 7311 kit comprises a polyurethane foam pre-cleaner, internal mesh support cage, mounting plate and washers (Diag 1). Kit installation utilizes the original air box lid securing bolts. Always confirm that the pre-cleaner foam has been correctly oiled prior to installation and operation.

FITTING INSTRUCTIONS

1. Remove fairing and air box shroud.
2. Unbolt and remove air box lid. Retain the 3 bolts for re-installation.
3. Place the pre-cleaner cage on top of main filter and fit pre-cleaner foam over cage. (2)
4. Place mounting plate over foam and align bolt holes. Using the 3 original bolts and washers supplied, secure pre-cleaner assembly in place. Do not over-tighten bolts. (3)
5. Re-install the air box shroud. (Note: the air box lid will no longer fit and is no longer required).
6. Re-fit bike fairings.

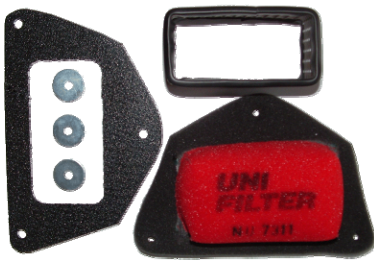


Diagram 1



Diagram 2



Diagram 3

SERVICING & RE-OILING

Inspect the filter every 5,000kms and clean as necessary. Inspect and maintain more often in dusty conditions.

Wash filter foams in **mineral turps**, pad dry with a soft, absorbent cloth and re-oil. Conventional filter oils such as Unifilter's "Filter Fix" or Belray are recommended.

WARNING –FILTER FOAM(S) MUST ALWAYS BE OILED PRIOR TO USE.

UNI FILTER

373 Manns Road
West Gosford NSW 2250
Australia

Tel: +61 (02) 4322 2007
Fax: +61 (02) 4322 3007

www.unifilter.com.au

Made in Australia

FOAM FILTER OILING & MAINTENANCE

The Basics

- Inspect air filter at recommended intervals - more frequently in harsh conditions. Ensure that that filter is not drying out.
- Clean and re-oil filter as necessary according to instructions.
- When reinstalling air filter, apply a light coating of grease between air filter seal and airbox.

Cleaning (Use either of the following methods)

- Using **mineral turps only** (the only safe solvent cleaner and the preferred method), wash out filter foam/s, pad dry and re-oil, or;
- Using Unifilter “*Foam Filter Cleaner*” apply neat to foam/s and work through thoroughly. Rinse out at least 2 or 3 times in clean water to ensure all cleaning fluid has been thoroughly removed. Pad dry thoroughly and completely and re-oil.
- **WARNING** – *do not use any other solvent type, such as petrol, diesel, kero, methylated spirits etc to clean the filter foam. Use of these types of fluids can permanently damage the foam/glue structure exposing your bike’s engine to possible damage – use mineral turpentine only.*

Re-Oiling

- Use only quality foam filter oil treatment (Unifilter or Belray). Warm oil is preferable (stand oil bottle in warm/hot water for a period sufficient to heat contents).
- Pour filter oil into a suitable container (i.e. Zip-Loc bag) and work treatment thoroughly into foams. Squeeze out foams until only the smallest amount of treatment remains. It should only be possible to produce oil treatment on your fingers by pinching the foam. You cannot remove too much oil when using this method. **Never over oil/treat filter foams.**
- Return unused oil to bottle for future use.