



## Coast Fabrication, Inc.

*We Hold Racing Together*

16761 Burke Lane, Huntington Beach CA 92647

Phone: (714) 842-2603 Fax: (714) 847-1824 info@coastfab.com

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### **Instructions for Oiling and Cleaning ITG Foam Air Filters**

If your ITG filter has **not** been pre-oiled please follow the instructions below. Never use an un-oiled or dry foam filter as this will reduce the efficiency and will allow small dust particles to pass through the filter into your engine.

#### **Oiling your filter**

ITG authorizes use of "No-Toil Biodegradable Air Filter Oil". Please follow directions on the can under "For Foam Filter". Spray in a circular motion all over the foam surface until the coarse foam pores just start to fill with oil. Work the oil throughout the entire filter by hand while squeezing out any excess oil. Let stand for 15 minutes to allow the alcohol propellant from the aerosol to evaporate. Your filter is now ready to install. If you think you have over oiled your filter, dab the surface of the foam with a strong absorbent cloth to remove excess oil.

Under no circumstances should you use cotton gauze filter oil or any other oil not specifically designed and manufactured for foam air filters, as the oil will not stick to the foam and thus may allow dust through the filter with the risk of causing engine or MAF sensor damage.

#### **Cleaning your filter**

ITG recommends using warm water mixed with a mild liquid detergent such as dish soap. Fill a tray with the soapy water approximately .375" in depth. Place the filter in the tray and agitate and compress the foam until the oil is dissolved. Massage the foam to assist in releasing the dust out of the filter. Dependant on how dirty the filter is you may need to repeat this process. Never let the filter soak in the cleaning solution for more than a few minutes as this can cause deterioration of glued seams or damage to the foam. After cleaning immediately rinse the filter in cold water until none of the soapsuds remain. Shake the filter to remove excess water and leave to dry fully for a minimum period of 24 hours, then re-oil using instructions above.

Race teams using ITG filters in dirt and off road conditions have reported that "No-Toil Biodegradable Cleaner" does a nice job of cleaning filters with a high concentration of dirt. Unfortunately testing performed by ITG has indicated that use of cleaners with a high alkalinity, such as No-Toil Cleaner, causes breakdown of the foam structure and will shorten the life of the filter. Development will continue on new methods for filter cleaning however at this time ITG no longer authorizes use and will not warrant filters damaged by continued use of cleaning products with an alkalinity greater than PH-8. Note: No-Toil Cleaner mixed at 2 oz. per one gallon of water has a PH level of 11.2.

Please call Coast Fabrication at (714) 842-2603 with any questions regarding care and maintenance of your ITG air filter.

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