



## TechNote... TechNote...TechNote...TechNote

**MagnaFuel Performance Technical Bulletin.....#001**

Don't take it personally, but ALL fuel systems are DIRTY and should be equipped with a clean filter.

*The proper cleaning of the filter element is an important function for keeping your racing fuel system at peak performance.* The instructions below will help identify and resolve potential filter difficulties. The filter and pump are compatible with all racing gasolines and alcohols. Because of the greater fuel flow required with alcohol, the filter is more sensitive to any form of obvious debris of lint and dust.

The filter material is a specially woven polypropylene material that provides filtration of very small particles (35-40u). The filter media can become partially restricted with a collection of foreign material ranging from fuel cell foam particles to eyelashes and assorted lint-like obstructions. These filter plugging materials do not necessarily appear as dirt but are generally much more difficult to see.

REMOVE THE FILTER ELEMENT by unscrewing the flange nut (9/16" hex) and then removing the stat-o-seal and top from the filter housing. Some filter elements have an O-ring on top that holds it secure in the housing. Carefully pull out the filter element using your fingers. Do no use knives or screwdrivers or other sharp objects that may puncture the filter media.

An easy way to clean the filter element (at the shop or the track) is to use Brake Kleen aerosol and spray the filter from the outside towards the inside. Then blow dry (from the outside toward the inside) with compressed air. When you hold the filter at an angle of about 45 degrees from your sight line (eye) and view thorough the bottom opening, the filter should not restrict viewing very much when it is clean. Don't be lazy and don't become too creative. The method described above works very well and is not harmful to the filter media.

Place the clean element back into the housing. If necessary, place the O-ring back into position. Install the top, stat-o-seal, and flange nut. Torque the flange nut between 15 to 20 in-lbs.

**Replacement elements are available, MagnaFuel Part # MP-7050.**