

Gano Coolant Filter Co.

The Gano Coolant Filter is a patented device that not only can prevent costly coolant system damage; it can also be used as a diagnostic tool in the analyzing overall coolant system operation. **The Gano Filter can provide a window into your coolant system.** This filter is an accessory to the cooling system to be checked, cleaned (if needed) and placed back into the system. It should provide many years of service.

The Gano Filter is a full flow device that is designed to be installed in the upper radiator hose of your automobile. Once install it prevent rust scale, gasket material and other foreign particles from plugging radiator tubes; thus avoiding radiator repair or replacement.

Cleaning the filter consists of removing the filter and back-flushing with soap and water. A small brush like a small acid brush works well. The trapped particles may also be removed by using compressed air. The new medium filter is made of stainless steel and is one unit, **it can not be disassembled.** The small and large filter units can be taken apart, **but is not recommended or needed for cleaning.**

Filter Housing & Filter Size

The filter is available in three housing types and 3 sizes.

1. The clear is a Hi-temperature, high pressure polymer and extremely durable. Because of how the material is extruded it may appear to have minor cosmetic flaws, it is the nature of this material. It is not plexi-glass (a trademark product).
2. Brass Housing comes in all three sizes.
3. Aluminum Housing comes in medium size only at this time.
4. SIZES: **Small**, Hose size 1 1/8" to 1 3/8" I.D. **Medium**, Hose size 1 1/2" to 1 3/4" I.D. **Large**, 1 7/8" to 1 3/4" I.D.

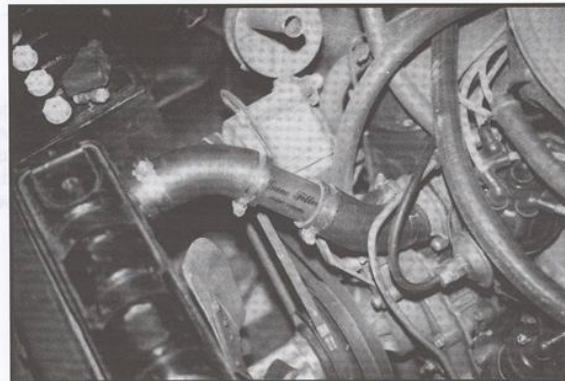
The **Clear/Polymer Models** requires a small section of the top radiator hose to be removed. When this section is replaced by the filter you now have a window into the cooling system. With the engine running, turbulence in coolant flow maybe noted. This can be used as an indicator of coolant velocity and be used to determine the proper operation the of thermostat and water pump. Bubbles in the coolant and overheating can indicate a leaking head gasket forcing super heated gases into the cooling system. Another more common cause is water pump cavitations. With the engine stopped an empty filter would indicate a low coolant level. This feature is especially useful when the engine is hot or over-heated, removal of the radiator cap could be dangerous.

The **Brass/Aluminum Models** are especially suitable for vehicles with high performance engines and those vehicles used for racing. It performs the same functions as the polymer model but does not allow for observation. The particles trapped will not be visible. Performance engine tends to be disassembled and inspected on a regular basis. Checking the coolant filter should become another item on the maintenance checklist. For show cars the filter may be slipped entirely inside the hose, use of a drop of liquid detergent on the housing to help slip inside the hose.

The **Aluminum Model** comes in Medium size only. It is a Satin finish that can be polished to Chrome like finish. The Aluminum Filter is only one third the weight of the brass housing.



These particles were trapped by the Gano Filter and removed from the cooling system of a 1966 Mustang over a period of one year.



The Gano Filter (plastic model) installed in a 1966 Ford Mustang