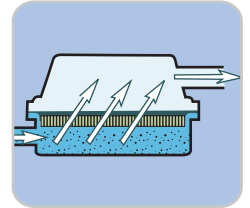
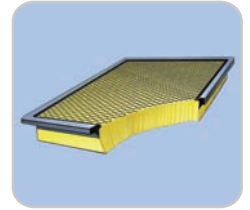


## Techo Tips: About Air Filters

Dust is the enemy of any machine and without efficient air filtration, dust will damage the automotive engine very quickly. **IT IS IMPORTANT THAT THE AIR FILTER IS CHECKED AT EVERY SERVICE INTERVAL.** A blocked air filter will greatly reduce engine performance and fuel economy.

Air filters are designed in circular, panel and other irregular shapes. Where necessary, an inner and/or outer screen is used to add strength and stability to the filter and paper media. Most RYCO radial and panel filters are made with either metal, plastic or foam ends, which seal directly into the original housing of the vehicle.

To ensure maximum cleaning efficiency, the air filter element must seal completely against the body of the air filter casing. Therefore, the correct design and precision fit of the sealing surfaces are vital. It is also important that the filter effectively cleans the air without restricting the air flow.



## Application Tips: Air Filters

Check the vehicle's Air filter at every service. Without efficient air filtration, dust will damage an engine very quickly, being prone to quick and unnecessary wear in the piston rings and cylinder bores.

Cleaning Air filtering housings — remove any residue by wiping out with a cloth. On radial housing, where practical cover the Venturi to avoid contaminants or vulcanised seal pieces from entering. Do not use compressed air to clean housing while housing is still attached to vehicle.

For panel housings, ensure air flow meters are disconnected before separating housing lid. Do not use compressed air to clean housing box this will damage extremely sensitive sensors.

**DO NOT USE COMPRESSED AIR TO BLOW OUT/CLEAN AIR FILTERS** — The majority of air filter media/paper is designed with an intended flow direction. Forcing compressed air through the media can be against the intended normal flow direction. Compressed air will also deform the media pores — damaging the actual micron rated pore size, displace oil wetted coatings, cellulose and resin coatings.

