

UNIFILTER

RAMPOD Do's and Don't's

“What you should know before fitting Unifilter RAMPOD filters”

HOW A RAMPOD WORKS:

UNIFILTER's RAMPOD was designed in Australia in 1991 and has since been copied by many aftermarket airfilter companies. Basically, the exponentially curved aluminium “ram-tube” creates a swirled air pattern onto the airflow meter; creating a denser air mass reading and improved air/fuel ratio mixture. The “ram-tube” (which varies from kit to kit) allows UNIFILTER to design into the pod an airflow pattern to suit each vehicle application. The “ram-tube”, combined with the “still air” chamber within the filter, provides the best airflow characteristics available to your EFI or turbo vehicle. This results in improved throttle response, greater power and torque, better fuel economy and reduced emissions. Combine this with UNIFILTER's renowned dust retention capabilities and you have simply the best in air filter technology.

SOME HELPFUL HINTS WHEN FITTING YOUR UNIFILTER RAMPOD: (Or any other brand of after-market air filters, for that matter).

ALWAYS fit the vehicle's original sensors, such as temperature probes, into the RAMPOD. UNIFILTER RAMPOD kits are supplied to suit almost all applications within the Australian market.

NEVER fit a RAMPOD directly onto the EFI plenum chamber; always incorporate the plenum chamber to air box pipe. *Why?* - Automotive industry standard calculations of air required for “nil” effective vacuum restriction within the air intake system reveal that you must have 130% of engine capacity in available air between the throttle body butterflies and the air filter element. The air in the plenum to air box pipe is part of that calculation. For example: a 5 litre V8 requires 6.5 litres of available air, without restriction, to operate efficiently.

FOR BEST RESULTS, disconnect your battery during fitment, this will give your car's computer time to re-set. When you re-start your car, the computer will automatically adjust to the new conditions and will immediately deliver the benefits of the greater airflow provided by your new UNIFILTER RAMPOD.

MOUNT your RAMPOD using, wherever possible, original manufacturer's mounting points. UNIFILTER supplies automotive industry approved vibration mounts with its RAMPOD kits. Remember – as with all after-market automotive products - what is legal or illegal is much in the eyes of the testing officer. Fit your UNIFILTER RAMPOD using the supplied mounting kit and your State motor or pollution authority should be more than satisfied.

COLD AIR is always important - the colder the air - the denser the air - the better potential air/fuel ratio. Whenever possible, shield the hot air from radiator by a simple aluminium or plastic shield. If the car is used in particularly hot conditions, duct cold air from the front of the vehicle.



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