

## INSTRUCTIONS

# Model 5375 Particle Trap Kit

2650-1860-77



## Particle Trap Kit

This product is recommended to be used with Auto Meter Diesel Exhaust Pressure gauges and should be mounted under the hood of the vehicle such as on the firewall. It should be mounted in a location where there is clearance both above & below for the gauge line or sender on top, and for the drain valve at the bottom. The Particle Trap Kit does not include mounting hardware. This kit is also designed to be taken apart for maintenance/cleaning. The frequency of cleaning will be different for most applications. We recommend starting with every oil change interval and adjust as necessary with either more or less frequency of cleaning.

## Particle Trap Specs

- Body diameter = 1.950" (nearly 2" o.d.)
- Body Length = 5.500" (5-1/2") from top port to tip of closed drain valve
- Top Port (outlet pressure) = 1/8"NPT
- Side Port (inlet exhaust pressure) = 1/4"NPT
- Bottom Port (drain valve) = 1/4"NPT

## Installation

- Make sure drain valve is closed.
- Mount the Particle Trap unit. Mounting hardware must be sourced or fabricated.
- Install the copper line kit included with the Auto Meter Exhaust Pressure gauge. One end will get installed into the exhaust manifold, while the other end will get installed into the side port of the Particle Trap, using the included 1/4" compression fitting that comes with the Particle Trap Kit.
- Install the Plastic Nylon Tubing (for mechanical gauge), or the Stainless Electric Sender (for electric gauge) included with the Auto Meter Exhaust Pressure gauge.

## Maintenance & Cleaning

- You may open the drain valve on the bottom of the Particle Trap Kit to drain any accumulated moisture.
- To clean, remove the line or sender from the top of the Trap Kit.
- Hold or support the body of the Particle Trap Kit. Use a 5/8" or 16 mm wrench to remove the top of the trap kit.
- Once the lid is removed you may clean out the body/chamber of the Particle Trap Kit. You may also use Brake Cleaner, or compressed air, or both to clean the porosity stone filter in the outlet port by "gently" blowing compressed air from the inside of the port, out through the filter.
- Use a little light oil or lubricant to place on the orange O-ring inside and just beneath the threads of the Particle Trap Kit body.
- Reinstall the lid and tighten snug. Great force is not needed to seal this unit during tightening.
- Reinstall the line or sender into the output port.

