



AEROMOTIVE
Part # 11218
A3000 Inlet Filter Assembly
INSTALLATION INSTRUCTIONS



CAUTION:

Installation of this product requires detailed knowledge of automotive systems and repair procedures. We recommend that this installation be carried out by a qualified automotive technician.

Installation of this product requires handling of gasoline. Ensure you are working in a well ventilated area with an approved fire extinguisher nearby. Extinguish all open flames, prohibit smoking and eliminate all sources of ignition in the area of the vehicle before proceeding with the installation.

When installing this product, wear eye goggles and other safety apparel as needed to protect yourself from debris and sprayed gasoline.

WARNING!

The fuel system is under pressure. Do not open the fuel system until the pressure has been relieved. Refer to the appropriate vehicle service manual for the procedure and precautions for relieving the fuel system pressure.

The enclosed Aeromotive fuel filter use an o-ring sealed ORB-12 style port; this port is **NOT PIPE THREAD** and utilizes **NO THREAD SEALANT**.

The enclosed Aeromotive fuel filter assembly is intended to be installed on the inlet side of an unmodified Aeromotive A3000 Fuel pump, Aeromotive p/n 11216 or 11222.

Aeromotive system components are not legal for sale or use on emission controlled motor vehicles.

This kit contains the following parts:

- 1ea 11218 Inlet Fuel Filter
- 2ea 1/4-28x 3/4" mounting screws
- 2ea Fuel pump mounting O-Rings (1 required, 1 spare)
- 2ea Replacement Fuel Filter Cap O-Rings

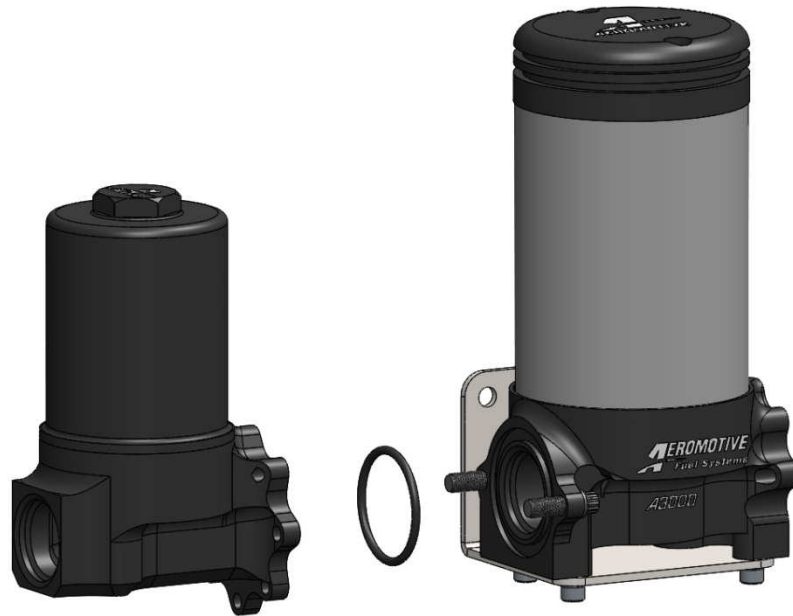
Aeromotive Commonly used part numbers for your reference:

- 15612 ORB-12/AN-12 Port Fitting. (Inlet Fitting)
- 12618 Replacement 100-micron Filter Element.
- 12018 Replacement Filter Cover O-Ring 10-Pack.

The following steps are typical of most installations:

1. Once the engine has been allowed to cool, disconnect the negative battery cable and relieve fuel system pressure, referring to the appropriate vehicle service manual for the procedure on doing so.
2. Place clean shop towels around the fuel pump to catch any gasoline that may be spilled during its removal. Using caution, remove the fuel pump from the system.

Failure to satisfy all safety considerations will result in fire, explosion, injury and/or loss of life to yourself and/or others.



3. Carefully place the provided o-ring in the o-ring receiver groove on the pump.

When installing o-rings it is important to place a small amount of light oil on both the o-ring and the mating surface to ease installation and prevent damaging the o-ring.

4. Index the filter assembly to its desired position (45-degree increments).
5. Using the two provided mounting screws, secure the fuel filter to your existing Aeromotive A3000 fuel pump.
6. Install an ORB-12/AN-12 port fitting, Aeromotive 15612 or equiv., into the inlet side of the fuel filter, insure an o-ring is installed on the side of the fitting which threads into the A3000 filter.
7. Install an AN-12 fuel line between the fuel cell and the fuel filter inlet.

Note: Be sure to route all fuel lines clear of any moving suspension or drivetrain components, and any exhaust components! Protect fuel lines from abrasion and road obstructions or debris.

8. Mount the fuel pump / fuel filter back in the desired position and re-plumb the vehicle.

Ensure that any spilled gasoline and any gasoline soaked shop towels are cleaned up and removed from the vicinity of the vehicle!

9. Reconnect the battery and turn the ignition (fuel Pump) to the ON position **WITHOUT** starting the car. After several seconds, check the fuel pressure. If there is no fuel pressure, turn the ignition key to the OFF position, wait one minute, return the ignition to the ON position, and recheck the fuel pressure. Repeat this ignition OFF and ON procedure until the fuel pressure gauge registers fuel pressure.
- 10. With the fuel pressure gauge registering fuel system pressure, check for fuel leaks from and around all the fuel system components and all fuel lines and connections! If any fuel leaks are found, turn the ignition key to the OFF position, remove any spilled fuel and repair the leak before proceeding!**
11. Once the fuel pressure gauge registers fuel system pressure and there are no fuel leaks, start the engine and adjust the regulator to the desired fuel pressure.
12. Turn off the engine and allow it to cool.
13. Test drive the car to insure proper operation and re-check the fuel system for leaks. **If any leaks are found, immediately shutoff the engine and repair the leak(s)!**