



SX Performance™ Model 41003 Fuel Filter Performance Specifications and Installation Instructions

Filtration	10 micron (41101 Paper Element) 60 micron (41102 SS Element)
Pressure Drop	.15 psi max @ 80 GPH (460 PPH)
Inlet Port Size:	AN-12 (O-Ring Seal)
Outlet Port Size:	AN-12 (O-Ring Seal)

CAUTION!

Installation of this product should only be performed by those persons knowledgeable in the repair and modification of high performance automotive fuel systems.

WARNING: Fuel system may be under pressure!

Do not loosen fuel system connections until pressure has been relieved. Fuel may leak when loosening fuel system connections. Eliminate potential fire hazards before loosening any fuel system connections. Always wear appropriate personal safety equipment such as safety goggles and other apparel as needed, for protection from debris and sprayed gasoline. Work in a well-ventilated area and keep an approved fire extinguisher nearby. Extinguish any open flames and eliminate all sources of ignition in the area of the vehicle before proceeding with the installation.

Typical Installation Instructions:

1. With the ignition off and engine cool, relieve the fuel system pressure.
See the above warning for proper precautions.
2. Disconnect the existing filter fuel lines. Plug the open fuel lines to prevent foreign matter from entering the fuel system. Remove the existing filter mounting screws and remove the existing filter.
3. Determine the new filter mounting location. Replace existing fuel lines as necessary so they line up with the new filter. If necessary, mark and drill mounting bracket holes using the bracket as a template.
4. Install the o-rings and fittings as shown in Figures 1.
5. Assemble the bracket, cushion, and filter as shown in Figures 1. Ensure that the filter is installed in the proper direction as indicated by the inlet and flow arrows.
6. Install the filter and bracket assembly at the desired location.
7. Connect fuel lines and tighten inlet and outlet fittings.
8. Start the engine and check the fuel system for leaks.

WARNING!

If any leaks exist, immediately shut off the pump or engine and repair before continuing.

Filter Element Replacement:

1. With the ignition off and engine cool, relieve the fuel system pressure. **See the above warning for proper precautions.**
2. Disconnect the fuel line from the outlet side of the fuel filter, un-screw the outlet end cap from the housing and remove the filter element from the end cap (pull off).
3. Lubricate the internal o-ring on the new filter element and press the element fully onto the end cap, making sure that the o-ring locks securely into the groove on the end cap.
4. Lubricate o-ring and screw the end cap into the housing and replace the fuel line.
5. Connect fuel lines and tighten inlet and outlet fittings.
6. Start the engine and check the fuel system for leaks.

WARNING!

If any leaks exist, immediately shut off the pump or engine and repair before continuing.

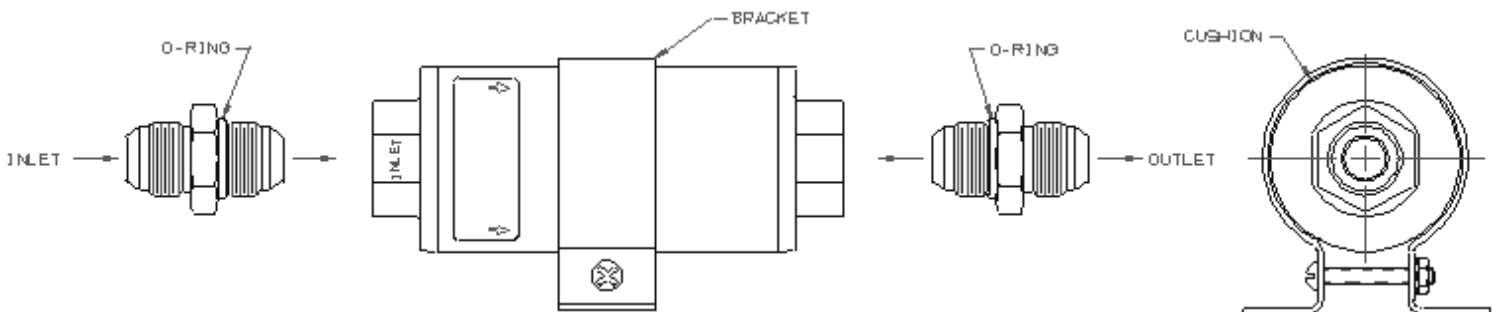


Figure 1 – SX Performance™ Model 41003 Filter Assembly.

Congratulations, your vehicle can now take full advantage of the exceptional performance capabilities of your new SX Performance™ product!

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