

INSTALLATION INSTRUCTIONS

FUEL FILTER MOUNT, FD RX7

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CAUTION

Only a qualified technician following applicable safety procedures should perform the installation of this product. One must have knowledge in repair and modification of fuel systems and general vehicle modifications to install this product.

Gasoline and other fuels are flammable and can be explosive.

Only install in a well-ventilated location to minimize buildup of fuel vapors.

No sparks, open flames, smoking or other ignition sources are to be present. Draining and removal of all fuel from the fuel system is recommended. Proper eye and personal protection is required at all times during installation.

WARNING

The fuel system is under pressure! Do not loosen any connections until relieving the fuel system pressure.

Consult a service manual for instructions on relieving fuel pressure safely. This product is designed for off-highway and racing use only.

Fuel system components may not be legal for sale or use on emissions controlled motor vehicles. Consult local, state, and federal laws.

1. NOTE: The fuel filter, hose, and fittings are sold separately. Visit radiumauto.com

Open the trunk. Unclip and remove the trunk cover and carpet.

To uninstall the fuel tank access cover in the LH side of the trunk, remove the 4 perimeter screws with a Phillips head screwdriver. Push the rubber grommet through the hole to add wiring slack.



2. To depressurize the system, first squeeze the side tab to unplug the white wiring connector on top of the pump housing. Next, unscrew the electrical grounding nut using a 7mm socket wrench. Remove the wire ring terminal and reinstall the nut to the threaded stud, as shown.

Start the engine and allow it to stall. Remove the key from the ignition. Unscrew the gas tank filler cap temporarily to relieve any residual pressure.

Pop the hood and disconnect the battery's negative terminal with a 10mm socket wrench. **CAUTION: Disconnecting the battery may cancel fault memories of some control units. Consequently, before disconnecting the car's battery, always interrogate any fault memories.**



3. Insert the fuel filter (not included) into the heat exchanger housing. Make sure the ends are flush, then tighten the two small screws on the housing with a 3mm Allen hex wrench. The direction inside the housing does not matter.

Next, lubricate the O-rings on the fittings (not included) and install one into each filter port.

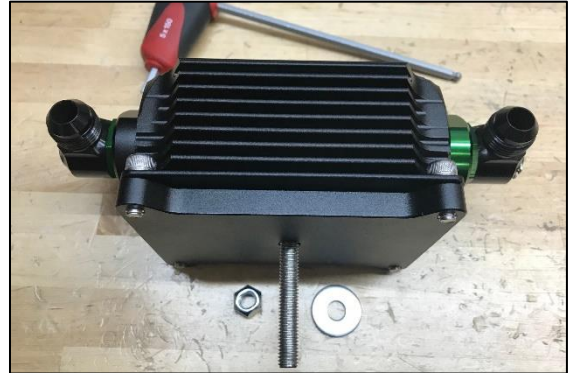


4. Locate the filter mounting plate (shown) and the associated long M8 bolt. Drop the bolt (with no washer) into the center hole of the mounting plate, as shown.



5. Fit the mounting plate to the bottom of the fuel filter housing. Using a 5mm Allen hex wrench, secure with the four short M6 bolts.

The M8 bolt from the previous step should still be in place, as shown.



6. Locate the unused hole in the rear subframe as shown (viewed from rear of car).

NOTE: Because hoses are not provided, the installer will need to come up with a solution for connecting all the fuel parts together.



7. Slide the long M8 bolt on the filter mount through the hole in rear subframe. Install the M8 washer and locking nut. Use a 13mm socket wrench, but do not torque the nut yet.



8. Double check that all connections are tight. Prime the fuel pump until system pressure is achieved then check for leaks. Address any possible leaks and re-test.

INSTALLATION COMPLETE

