



INSTALLATION INSTRUCTIONS

FUEL VENT CHARCOAL CANISTER

radium
ENGINEERING

Document: 19-0379

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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.

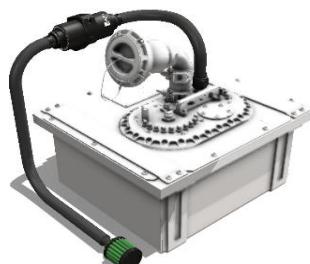
Gasoline and other fuels are flammable and can be explosive.

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.

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	4mm Allen Wrench	These kits will be custom tailored to your specific application. The canister will be mounted inline with your existing vent line from your fuel tank (or cell).	
	8mm Wrench		
		Find an ideal place for mounting. Make sure to install the canister above the fuel tank to avoid fuel getting into the media. Use the provided M5x0.8mm hardware, as shown.	
2	Oil Lubrication	When installing adapters to the end ports of the charcoal canister, be sure to lubricate the O-rings on the fittings first.	
		NOTE: There is no specific "inlet" or "outlet". The canister can flow in either direction.	
3		The vent line (from the tank) will need to be connected to the charcoal canister "inlet". An air filter can be installed directly to the charcoal canister "outlet" or from a hose off the charcoal canister "outlet" (as depicted).	
4	Adjustable Wrench	20-0828-00 FUEL VENT CHARCOAL CANISTER, UNIVERSAL	
		This kit simply converts the end ports from 16AN ORB female to a more common 10AN ORB female.	

5	Adjustable Wrench Pliers	20-0828-08 FUEL VENT CHARCOAL CANISTER, FOR 1/2IN HOSE <p>This kit can convert the inlet and outlet port to 1/2" barbs. Alternatively, the outlet barb can be changed to a 3/4" barb making it ideal for a Radium Engineering 18-0042 Air Filter (sold separately).</p>	
6	Adjustable Wrench Pliers	20-0828-12 FUEL VENT CHARCOAL CANISTER, FOR 3/4IN HOSE <p>This kit converts the inlet and outlet port to 3/4" barbs. This makes the outlet ideal for a Radium Engineering 18-0042 Air Filter (sold separately).</p>	
7	Adjustable Wrench	<p>For servicing, purchase 20-0828-SK.</p> <p>Unscrew either end of the charcoal canister. Remove the baffle and screen. Add as much carbon to the canister that still permits the cap to be reinstalled. Replace both screens on both ends.</p>	