



INSTALLATION INSTRUCTIONS

FUEL VENT CHARCOAL CANISTER

CAN-AM MAVERICK

Document: 19-0480

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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

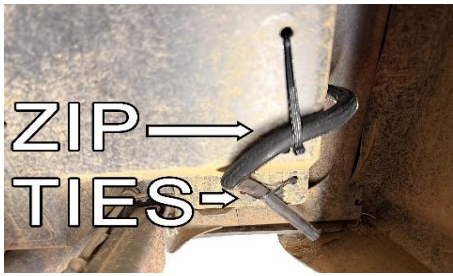
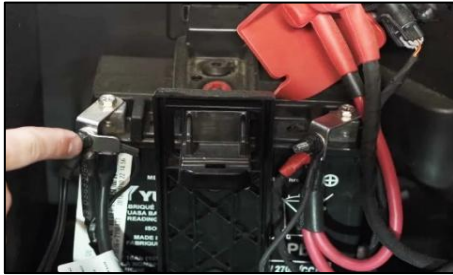
The fuel system is under pressure! Do not loosen any connections until relieving the fuel system pressure.
Consult a service manual for instructions on relieving fuel pressure safely. This product is designed for off-highway and racing use only.
Fuel system components may not be legal for sale or use on emissions controlled motor vehicles. Consult local, state, and federal laws.

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1		The terms "driver-side" and "passenger-side" will NOT be referenced. As depicted, these instructions will always reference "LH" and "RH" areas of the vehicle.	
2	10mm Wrench	Disconnect the negative battery terminal.	
3	T30 Torx Wrench	The charcoal canister will be mounted just to the right side of the fuel tank behind the front RH fender. Remove all of the related exterior hardware.	
	10mm Wrench		
4	7mm Socket Wrench	Disconnect the filler from the fuel tank coupler.	

5		Remove the front RH fender from the UTV.	
6		NOTE: The charcoal canister will be plumbed inline with the vent from the fuel tank.	
		Along the OEM fuel vent hose is a white plastic filter attached to the frame. Tug to dislodge the black plastic stay and pull the OEM vent hose out of the roll cage tubing.	
7		The clear OEM vent tubing (attached to the fuel tank vent valve) is the only part that will be reused.	
		NOTE: Because the charcoal canister serves as a large "filter", the white plastic OEM filter is not required.	
8	Oil Lubrication	Lubricate the O-rings on the 3 included fittings. Install the fittings to the charcoal canister, as shown.	
	4mm Allen Wrench		
	14mm Wrench		
9		As shown, loop the 2 provided billet clamps around the vertical bar there on the tube frame.	
		NOTE: Strategically put the clamps in areas where there are not cut outs in tubing, as shown. This will put the charcoal canister in the correct location and will prevent the need for holding the clamps in place.	
10	4mm Allen Wrench	Lineup the charcoal canister to the clamps.	
		Using the 4 provided M5x0.8mm stainless steel screws, loosely thread the charcoal canister to the clamps without fully tightening.	

11	4mm Allen Wrench	Rotate the charcoal canister until it runs parallel with the side of the UTV.	
		Once the charcoal canister is straight and plumb, tighten the 4 screws to the clamps.	
12		Install the clear OEM fuel vent line (from the fuel tank to the barbed banjo fitting).	
		NOTES:	
		1. For the banjo fittings, there is no specific "inlet" or "outlet". The canister can flow in either direction.	
		2. Like factory, this clear vent tubing will tightly form around the barb and will NOT require a clamp.	
13	Hose Cutter	Cut a 2ft (610mm) long section from the 1/4" rubber hose provided in the kit. Insert this "drain" hose onto the bottom barbed fitting. Secure using one of the spring clamps.	
	Pliers		
14	Hose Cutter	Run the drain hose directly down through the slotted hole in the skid plate. Cut off a 6" (152mm) section from the hose.	
	Pliers		
15	Pliers	Install the cut 6" (152mm) hose to the outlet of the petcock drain valve and secure using one of the spring clamps.	
16	Cutter	Tuck the hose and the petcock drain valve up into the slotted area. It will rest on top of the skid plate.	
16		As shown, secure the petcock drain valve to the skid plate using one of the included cable zip ties.	

17		Confirm that the short hose can be quickly pulled out and the petcock drain valve can be opened and closed fairly quickly.	
18	Pliers	Insert the leftover 1/4" hose onto the barbed banjo fitting shown. Secure using one of the spring clamps.	
		Route the hose down along the outer frame on the inside of the UTV.	
19	Cutter	Route the hose on the outer side of the outer bar. Use a couple cable zip ties to secure in place.	
		NOTE: This picture angle is facing directly downwards.	
20	Cutter	If installing in a 4-seater, continue along the tube chassis to the back seats. Use a couple cable zip ties to secure in place.	
		NOTE: This picture angle is facing directly downwards.	
21	Cutter	To get out of the back of the UTV, there is an opening in the plastic panel where the hose can wriggle through. It is slightly above the tube frame path that the hose was running along.	
		NOTE: This picture is taken underneath the (rear) seat facing the back of the UTV.	
22		To secure the rubber hose at the rear of the UTV, there are 4 prefabricated holes just behind the seat. From outside, insert the cable zip ties through the hole into the interior. Now redirect them back to the outside through the nearby hole.	
		NOTE: This picture is taken underneath the (rear) seat facing the back of the UTV.	

23		This picture shows where the hose will exit the UTV. It is taken from the outside looking forward behind the RH seat.	
24	Cutter	Cut the rubber hose to length and secure with the 2 aforementioned cable zip ties. NOTE: This picture is taken from the outside looking forward behind the RH seat.	
25	10mm Socket Wrench	Connect the battery and start the engine. Reinstall all components in reverse order. Confirm there are no issues.	
26	2.5mm Allen Wrench	For servicing, purchase Radium P/N: 20-1827-SK. Flip the charcoal canister over and remove the screws. Dispose the current carbon media. Replace the screen (shown right). Add as much carbon (shown left) to the canister that still permits the mounting plate to be reinstalled.	