

# INSTALLATION INSTRUCTIONS

## FUEL FILTER KIT

FORD FOCUS

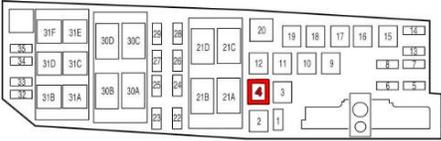
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Support: info@radiumauto.com

Access to the underside of the vehicle is required to install this product.  
A lift is recommended. Safely raise and support the vehicle before working.

**WARNING!**

**DO NOT SMOKE. KEEP SPARKS AND FIRE AWAY. CLEAN UP ALL SPILLS IMMEDIATELY AND PROPERLY DISPOSE OF ALL RAGS.**

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	10mm Wrench	Prop the hood and remove the fuse cover panel. Remove the 20A fuel pump fuse at terminal 4.	
		To relieve fuel pressure, start the engine and allow it to stall. Remove the ignition key and replace the fuse and panel.	
		Disconnect the battery's negative terminal.	
2		Safely raise the car.	
		Find the OEM fuel filter under the vehicle. It is located just in front of the gas tank on the RH side.	
		Gently pry and remove the two locking clips shown.	
3		Have a rag handy. Press each SAE quick disconnect fitting tab inwards and release the fuel tubes shown one by one.	
4		Gently pry and remove the locking clip from the fuel tank tube that connects to the fuel filter inlet (shown).	

5		Have a rag handy. Press the SAE quick disconnect fitting tab inwards and release the fuel tube, as shown.	
		The other SAE fitting and short hose does not need to be removed yet.	
6	10mm Socket Wrench	Remove the two M6 nuts from the fuel filter bracket using a 10mm socket wrench and extension. These M6 nuts will be reused.	
		Lower the fuel filter assembly down being careful not to disturb the surrounding area.	
7		Place the fuel filter assembly into a bucket to allow proper draining.	
		Pull off the black plastic clip that attaches the short hose to the mounting bracket.	
		Gently pry and remove the white locking clip from the fuel filter outlet fitting. Press the SAE quick disconnect fitting tab inwards and release the fuel tube.	
		The short hose will be reused. The OEM bracket and filter will not be reused.	
8	Light Oil	Find the Radium filter and fittings included in the kit.	
	1" Deep Socket	Lubricate the SAE male fitting O-rings. Install to each end of the fuel filter (as shown) using a 1" deep socket wrench.	
9	4mm Allen Wrench	Find the three M5 locking nuts and three of the M5 socket head bolts in the kit. Secure the bottom fuel filter clamp to the mounting bracket, as shown.	
	8mm Wrench		
10	4mm Allen Wrench	Secure the fuel filter using the upper clamp and the other two M5 socket head bolts, as shown.	
		Be sure the green "outlet" is positioned in the proper direction and that the clamp holds the filter at the very end of the body, as shown.	

11	Light Oil	Lubricate the male portion of the Radium SAE outlet fitting.	
		Install the short OEM hose fitting until a "click" is felt. Reinstall the white OEM SAE lock.	
		Run the OEM hose around the backside of the filter body and plug in the plastic fastener to the mounting bracket hole, as shown.	
12	10mm Socket Wrench	Carefully position the new filter into factory location. Secure the Radium mounting bracket with the OEM M6 nuts.	
	Light Oil	Lubricate the male portion of the Radium SAE inlet fitting.	
		Install all remaining OEM SAE hose fittings until a "click" is felt. Reinstall the OEM SAE locks, as shown.	
13		Switch the ignition to the ON position without starting the engine. This will prime the fuel pump and pressurize the fuel system. Check for leaks and fix any that may have occurred. Start and idle the engine. Recheck for leaks.	
		INSTALLATION COMPLETE.	
		Service at normal OEM specified fuel filter intervals. Replacement Radium Engineering fuel filter elements are available at <a href="http://www.radiumauto.com">www.radiumauto.com</a> .	