



INSTALLATION INSTRUCTIONS

2016+ HONDA CIVIC

FPR MOUNT

Document: 19-0382

Support: info@radiumauto.com

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.




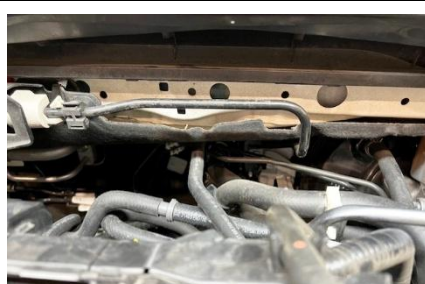
Gasoline and other fuels are flammable and can be explosive.







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



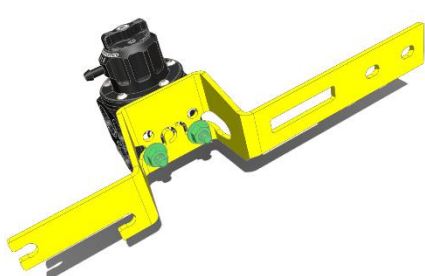
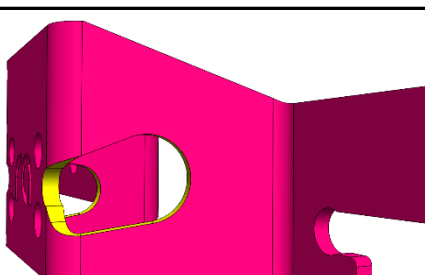
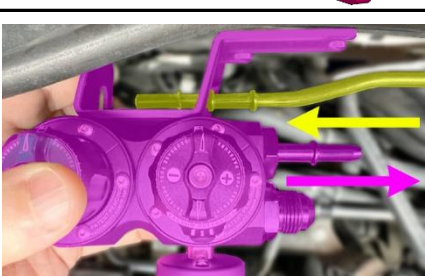

No sparks, open flames, smoking or other ignition sources are to be present. Draining and removal of all fuel from the fuel system is recommended. Proper eye and personal protection is required at all times during installation.





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	10mm Socket	<p>NOTE: this mount is compatible with a Radium MPR (multiport regulator) or a Radium DFPR (dual fuel pressure regulator). Plumbing for these regulators must be designed and configured by the installer.</p> <p>Disconnect the battery and open the hood. Unscrew the vacuum line mounting bracket screw. NOTE: The OEM M6x1mm screw will be reused.</p>	
	Extension		
2		Unlatch the vacuum lines and remove the bracket from the engine bay.	
3		Temporarily disconnect the "Y" vacuum fitting.	
4		To permit more space for the fuel pressure regulator, reroute and reconnect the vacuum lines underneath everything, as shown.	

5	10mm Socket	<p>Unscrew the two exposed M6x1mm hex bolts that secure the metal cover to the fuel line bracket on the firewall. Remove the metal fuel line cover from the vehicle. It will NOT be reused.</p> <p>NOTE: FK8 Civic Type-R shown.</p>	
6	Flathead Screwdriver	<p>To release the fuel line from the bracket on a FK8 Civic Type-R, push the plastic mounting tab lock downwards. When disengaged, the plastic tab will rotate forward and down, as shown.</p>	
7	Flathead Screwdriver	<p>To release the fuel line from the bracket on a FL5 Civic Type-R, push the plastic mounting tab lock from the backside. When disengaged, the plastic tab will rotate up and forward, as shown.</p>	
8		<p>As shown, pry up to remove the plastic SAE quick connect cover from the OEM fuel line on the firewall.</p>	
9		<p>To dislodge the OEM fuel line, pull it away from the firewall. This will expose the two M6x1mm bolts that secure the fuel line bracket to the firewall.</p>	
10	Rag	<p>To disconnect the OEM fuel line, first push the SAE quick connect fitting further onto the hard line. Next, squeeze the outer locks inward and simultaneously pull the connection apart, as shown. Be prepared as fuel will leak from the area.</p> <p>Remove the SAE quick connect lock from the hard line.</p>	

11	10mm Socket	Unscrew the two M6x1mm bolts that hold the fuel line bracket to the firewall. Remove the bracket (shown).	
		NOTES:	
		1. The OEM M6x1mm screw will be reused.	
		2. The OEM mounting bracket will NOT be reused.	
12	5mm Allen Wrench	If installing a Radium DFPR, find the two M6x1mm screws (shown orange) included in this kit.	
		Install the assembled DFPR to the mounting bracket (shown yellow) using the 2 upper holes.	
13	4mm Allen Wrench	If installing a Radium MPR, use the two M6x1mm bolts and flange nuts (shown green) included with the MPR kit.	
	10mm Socket Wrench		
		Install the assembled MPR to the mounting bracket (shown yellow) using the 2 lower holes.	
14		When installing the FPR assembly in place, the OEM fuel line on the firewall will need to be sent through the 2 holes (depicted in yellow) of the FPR mounting bracket.	
15		As shown, the FPR assembly (depicted in purple) is slid over the OEM fuel line (depicted in yellow).	
16	10mm Socket	When mounting the FPR assembly, the FK8 Civic will use the hole location shown in red. The FL5 Civic will use the hole location shown in blue. Install the LH side of the assembly to the firewall using the OEM M6x1mm screw.	
		TIP: loosely thread the screw into the firewall then slide the bracket underneath the flanged hex head.	

17		Using the 2 OEM M6x1mm screws (shown green), secure the RH side of the FPR assembly to the firewall.	
18		Shown is an example of how the DFPR could be plumbed into an OEM fuel system.	
19	10mm Socket	Reinstall the battery.	
		Start the engine and check for leaks.	
20		NOTE: From Honda, the fuel pressure upstream of the HPFP is regulated around 4.8bar (70psi). The exact pressure varies depending on the engine's operating status and speed. Discuss with your tuner what should be an ideal target fuel pressure for your specific application.	
		INSTALLATION COMPLETE	