

INSTALLATION INSTRUCTIONS

CORVETTE FPR BYPASS





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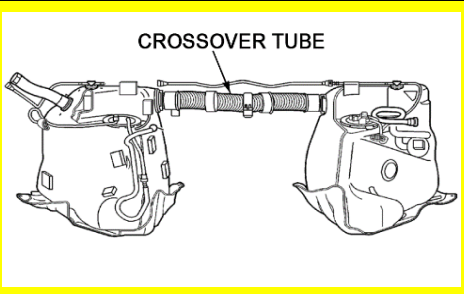









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CAUTION
<p>Only a qualified technician following applicable safety procedures should perform the installation of this product. One must have knowledge in repair and modification of fuel systems and general vehicle modifications to install this product.</p> <p>Gasoline and other fuels are flammable and can be explosive.</p> <p>Only install in a well-ventilated location to minimize buildup of fuel vapors.</p> <p>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.</p>
WARNING
<p>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.</p>

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1		The fuel will need to be drained. This can be done in many different ways. It is common to simply connect a line from the fuel system in the front of the vehicle to a fuel jug.	
2		Jump a wire from the fuel pump relay to the battery. NOTE: The C5 fuse box (shown) is different than the C6.	
3	10mm Socket	After the fuel system has been drained, disconnect the battery. Loosen the right rear wheel. Safely lift the vehicle and remove the wheel.	
4	7mm Socket	Remove the RH wheel liner.	

5		There are EVAP canister accessories to remove behind the access cover shown.	
6		<p>Remove the push pins from the access cover.</p> <p>The EVAP canister is now shown.</p>	
7		Disconnect the SAE quick connector and the electrical connector shown.	
8		Remove the exhaust mid pipes underneath the RH fuel tank. NOTE: aftermarket mid pipes are shown.	
9	Screwdriver	<p>Find the crossover tube and vent connection at the RH fuel tank.</p> <p>Squeeze the SAE quick connect vent fitting and pull to release.</p> <p>The crossover tube internally houses the auxiliary fuel feed pipe and the auxiliary fuel return pipe for the venturi jet pump. First, use a flat head screwdriver to pop the black plastic lock collar away from the RH tank. Next, twist the metal collar counterclockwise to release the outer shell of the crossover tube from the RH tank.</p>	
10		<p>The depiction at the left is the inner workings of the crossover tube. There are 2 male tubes of different sizes. The depiction at the right is the inner workings of the RH fuel tank. There are 2 female mating tubes for the crossover tube.</p> <p>NOTE: This step is very difficult and time consuming. Even though the outer portion of the crossover tube is disengaged, these inner connections will still be attached. Carefully (and continuously) pull this junction apart until they fully disengage.</p>	

11	13mm Socket	Remove the metal RH fuel tank mounting shield.	
12		Carefully drop the RH fuel tank. Now is a good time to clean the top. This will prevent debris from accidentally falling inside the tank.	
13	Hammer	Carefully strike the lock ring with a blunt object in a counterclockwise direction.	
14		The fuel tank lock ring will be reused.	
15	Flathead Screwdriver	Pull the RH assembly out of the tank. Be careful as there is a fuel level float. Shown is the regulator that will be replaced. This unit keeps the venturi jet pump fed with just enough fuel to siphon at 50psi. Pry the plastic retainer up and remove the regulator.	
16	Oil Lubrication	Lubricate the FPR bypass O-ring and press it into place.	

17		Reinstall the plastic retainer.	
		Reinstall all OEM components in reverse order.	
18	10mm Socket	Reinstall the battery. Start the engine and check for leaks.	
		INSTALLATION COMPLETE	