



# INSTALLATION INSTRUCTIONS

## SPLIT-FLOW FLEX FUEL SENSOR ADAPTER

Document: 19-0278

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.**

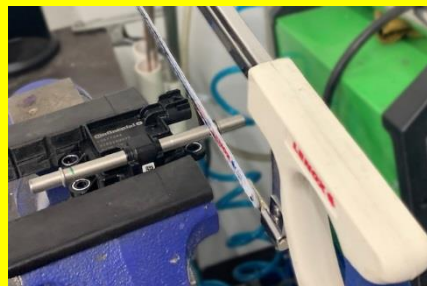



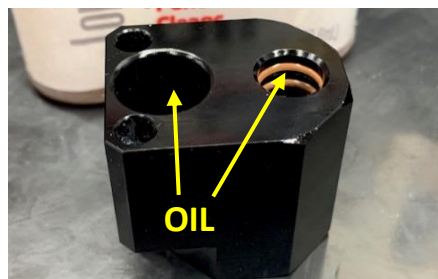

Only install in a well-ventilated location to minimize buildup of fuel vapors.







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.

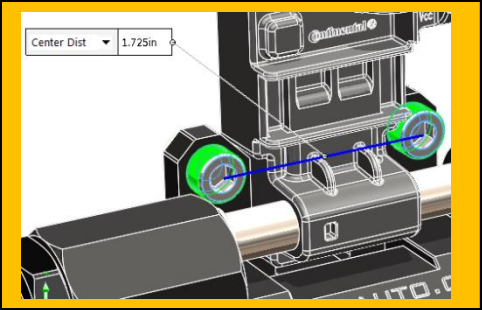
### WARNING

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		This adapter is compatible with the following sensors:	
2		<b>GM 13577394 FLEX FUEL SENSOR ONLY</b>	
3		<b>GM 13577394 FLEX FUEL SENSOR ONLY</b>	
4		<b>GM 13577394 FLEX FUEL SENSOR ONLY</b>	

5	Hacksaw	<b>GM 13577394 FLEX FUEL SENSOR ONLY</b>		
		To cut the ends, a hacksaw can be used. Use caution.		
6	Cut-Off Wheel	<b>GM 13577394 FLEX FUEL SENSOR ONLY</b>		
		To cut the ends, a cut-off wheel can be used, among others. Use caution.		
7		<b>GM 13577394 FLEX FUEL SENSOR ONLY</b>		
		It is recommended to use a chamfer drill bit to deburred the inner diameter and fine sandpaper or steel wool to deburr the outer diameter.		
8		<b>GM 13577394 FLEX FUEL SENSOR ONLY</b>		
		The width and surface finish should now mimic the GM 13577429 and/or GM 13577379 flex fuel sensors.		
9	Oil Lubrication	On the billet end caps of the adapter, lubricate the internal O-rings and the large hole.		
10	Oil Lubrication	Lubricate the external O-rings on the center section of the adapter.		
		Carefully mate the end pieces to the center piece to seat the O-rings. Pay close attention to the O-rings to make sure they are not being pinched when the mating parts are going together.		
				Pull apart, check the O-rings for pinching or tears and then mate again. Do this a couple times to fully seat the O-rings.

11	4mm Allen Wrench	Mate one end piece with the center section. Install the two screws and tighten.	
		Next, install the sensor to one side, as shown.	
		NOTE: there is not a "right" and "left". The ends are identical.	
12	4mm Allen Wrench	Carefully install the other side of the assembly, as shown. Install the screws and tighten.	
13	4mm Allen Wrench	<b>GM 13577429 / 13507129 FLEX FUEL SENSORS ONLY</b>	
		Only these sensors can use the provided mount.	
14	Oil Lubrication	Lubricate and tighten the adapter fittings (not included).	
		NOTE: an aluminum wrench will prevent marring.	
15		<b>GM 13577394 FLEX FUEL SENSOR ONLY</b>	
		Because the SAE bead locks were removed on the GM 13577394 sensor (only), slide and center the adapter with respect to the sensor.	
16		NOTE: if the provided mount is not installed, the adapter can rotate freely and potentially permit additional clearance for mounting.	

17	5mm Allen Wrench	<b>GM 13577429 / 13507129 FLEX FUEL SENSORS ONLY</b>	
		If using the provided mount, the hole spacing is 1.725" (43.8mm). The included bolts have M6x1.0mm threads.	