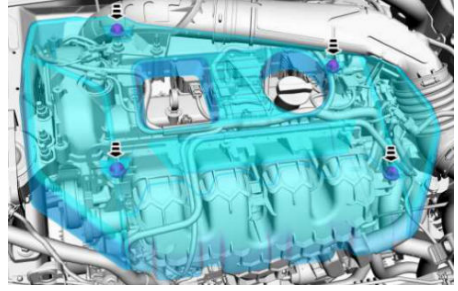
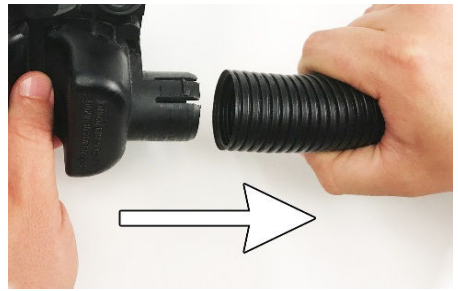





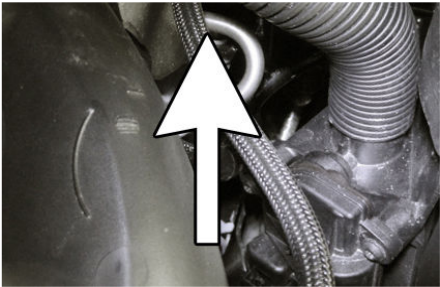


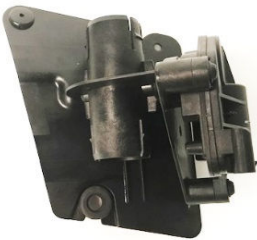
# INSTALLATION INSTRUCTIONS

## SOUND SYMPOSER DELETE KIT

FORD FOCUS ST

Document: 19-0167  
 Support: info@radiumauto.com

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	10mm Wrench	Prop the hood. Release the tabs and pull upwards to remove the battery cover. For safety purposes, disconnect the battery's negative terminal.	
		Remove the engine cover by carefully pulling upwards until released. Pay close attention to where the 4 pegs from the cover interface with the rubber grommets. Set the cover aside.	
2		On the lower LH side of the intake manifold, locate the sound symposer chamber near the throttle body.	
		To remove the lower sound tube, carefully pull off to release, as shown.	
3	8mm Wrench	There are 3 bolts that secure the symposer chamber to the intake manifold. One faces forward and the other two face downwards.	
		Unbolt and remove the sound symposer chamber (shown) from the intake manifold. The OEM bolts will not be reused.	
4	5mm Allen Wrench	Pry the orange OEM gasket off the symposer chamber flange and inspect. These gaskets are very tough and rarely need to be replaced. Transfer the OEM gasket to the Radium Engineering block-off plate.	
5	Pipe Thread Paste	The plate features a female threaded 1/8NPT hole that can be used for vacuum accessories. Install the appropriate fitting in the hole if using an accessory.	
	3/16 Allen Wrench	If not using any accessories, install the included pipe thread plug into the hole. If the plug silver, it will already have PTFE paste on it. If the plug is black, PTFE paste (or tape) will need to be applied to the threads.	
	5mm Allen Wrench	Tighten the plug until resistance is felt. Then add another approximately 1.5 revolutions. The plug may not sit flush, that is normal. Do not overtighten.	
		The plate can now be bolted to the intake manifold using the included screws.	

6		<p>Find the symposer valve that is next to the battery box. Pull upwards on the upper sound tube that is on top of the symposer valve, as shown.</p>	
7		<p>The sound tube enters the cabin in the upper center portion of the firewall. To remove the upper sound tube, pull the rubber grommet elbow attachment out. The tube and rubber grommet will NOT be reused.</p>	
8		<p>Next, press in the provided locking panel plug to block-off the firewall hole.</p>	
9	T20 Torx	<p>Remove the single Torx screw and push clip that secures the symposer valve (shown) to the side of the battery box. Pull the symposer valve just high enough up to access and remove the electrical plug connected at the bottom. Pull the symposer valve and lower sound tube out of the vehicle.</p>	
10		<p>Using the provided zip tie, secure the symposer valve wiring harness connector safely out of the way. NOTE: the shift linkage is nearby. Reinstall components in reverse order. INSTALLATION COMPLETE</p>	