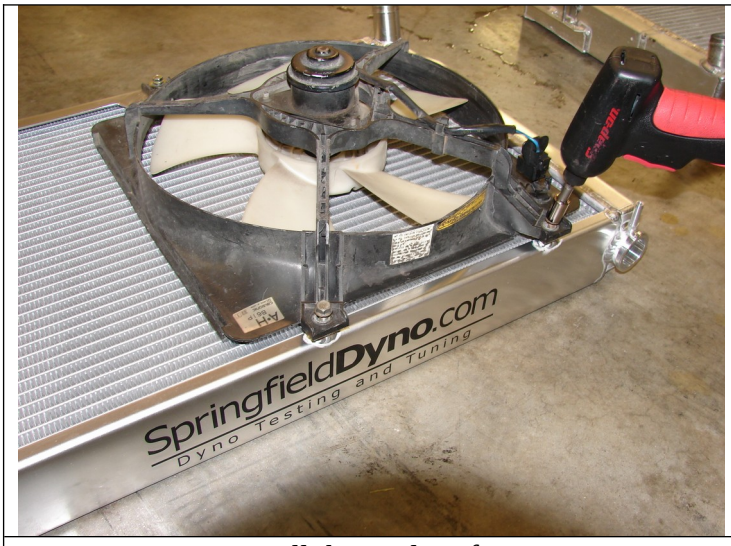
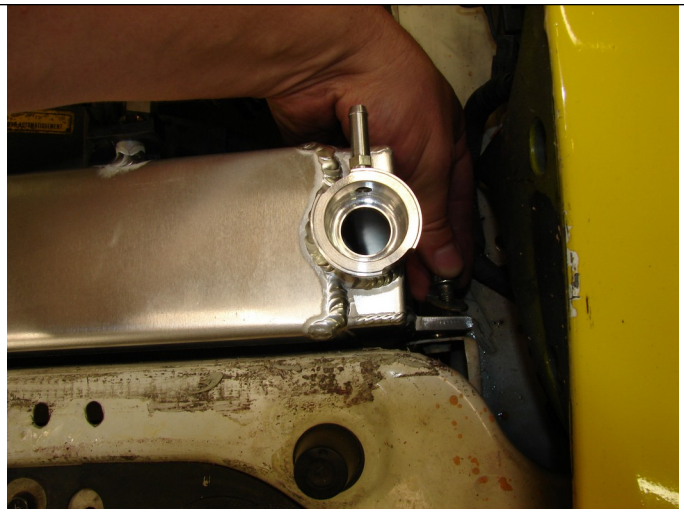
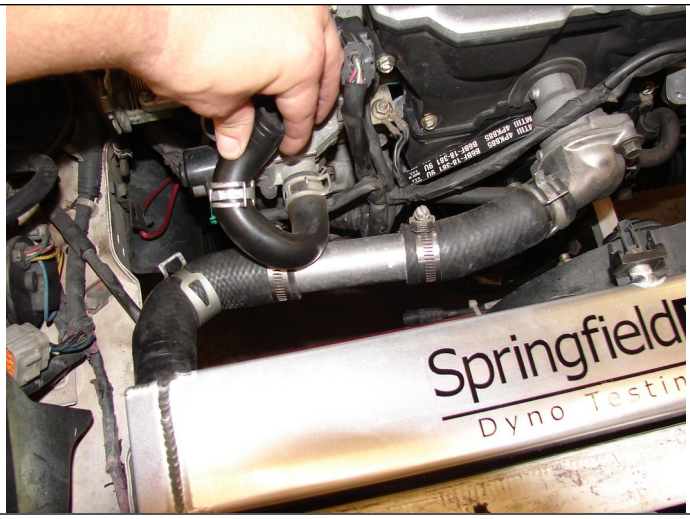
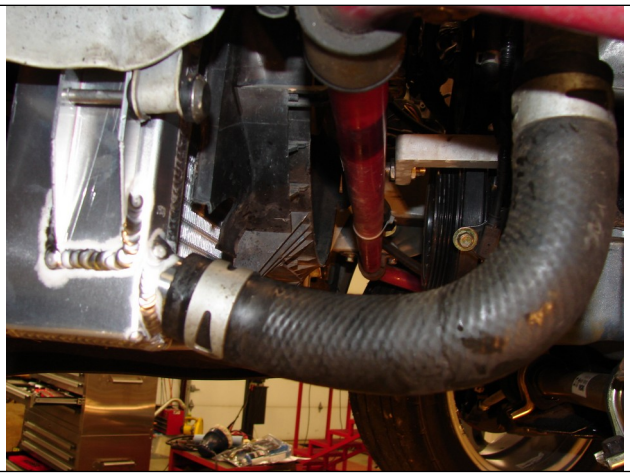
The following is a guide for installing the Springfield Dyno LLC Spec Miata Radiator. If you are uncomfortable with any part of this guide or the product, please contact us or SafeRacer.com. While we made every effort to follow the GCR rules and intent, it's up to you to determine what is acceptable and prep your car accordingly.

	
Install the cooling fan.	Install the bottom radiator support from your OEM system. Sometimes it is required to install this support with the system already in the car. Some users have used bolts instead of the factory hardware and others use only the top mounts. I run the factory hardware as shown on my personal car.

	
Start the bolts in the upper mounts, but don't tighten until you get the system mounting in a way that you're happy with. You want the system as far forward as possible. For this reason, I just use a bolt with a large washer. Also, the factory bracket is bolted on and can be positioned for best fit. Make sure the overflow fitting is snug.	Install a top hose extension tube or find a different upper hose. A trustworthy customer informed me that Gates part number 22133 is a perfect fit for a 1.8 application. Also tie up any cables and wires that will be trapped between the engine and front air tube. On the 1.8 application it will be a very tight fit while the 1.6 had lots of room on the applications I've seen. Please remember the system was designed for ultimate cooling and not ultimate clearance or ease of install. The results are worth the effort!
	
Install the intake tube and a longer overflow tube from any auto parts store. We use a 16 psi cap on our system. I also found that twisting the intake tube clockwise on the air box would provide clearance as well.	Here is a view from the bottom with the tray removed. You want the radiator mounted low enough that it's touching or pushing slightly on the bottom tray. The mounting we've provided should provide that. If you want to lower the system more, you can drill a new hole higher in the radiator bracket for the factory hardware that will lower the radiator.

Regards,
Sam Henry
www.springfielddyno.com