



## DDMWorks Slingshot Street Intake System



Designed completely from the ground up for the Slingshot using a custom silicone airflow adapter, this intake offers improved power and throttle response over the stock intake.

Installation time of the intake depends on you and your mechanical skills. It is suggested that you read through the directions a few times to familiarize yourself with the components of the kit, and your Slingshot. If you are pretty handy with tools the intake can be installed in under an hour, however we suggest that you schedule at least a couple of hours for the installation.

If you have any questions during the installation you can call us at (864) 907-6004 or email us at [Tech@ddmworks.com](mailto:Tech@ddmworks.com).

### TOOLS NEEDED

10mm wrench

Blade Screwdriver

10mm socket

Socket driver

Needle nose pliers



119-A Hwy 183  
Piedmont, SC 29673

**Tech Support**

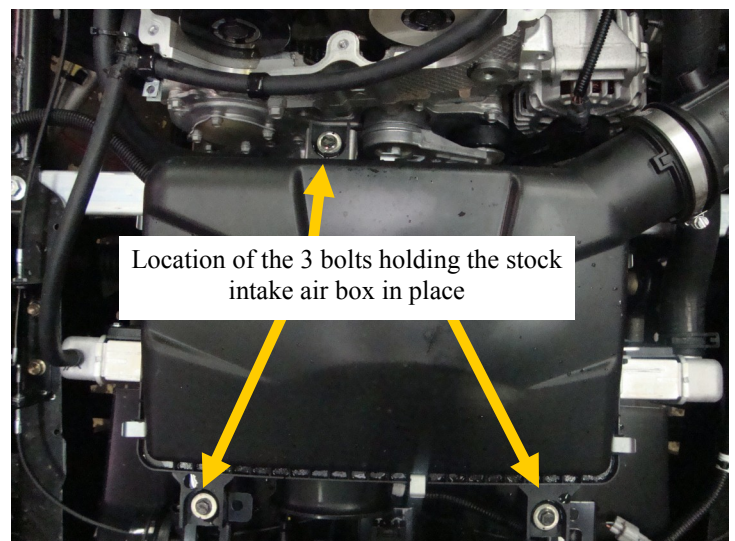
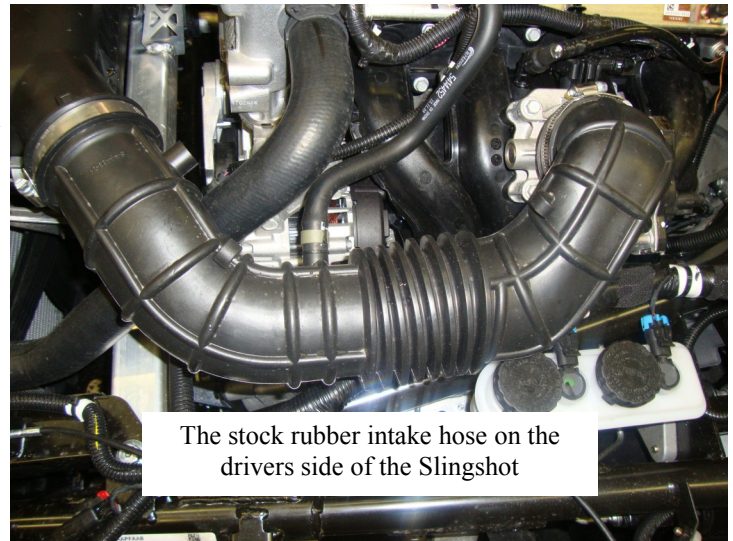
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Rev A 9/11/15 DLM

## Removing the stock intake

1. **Make sure your Slingshot engine is cool to the touch and in neutral with the parking brake on before starting installation.**
2. First thing to remove is the rubber hose going from the throttle body to the stock intake air filter box. Open your hood and on the drivers side of the engine bay you will see a rubber hose like the picture to the right. That hose is held in place with 2 hose clamps, 1 hose clamp at each end. Use a blade screwdriver to loosen both hose clamps.
3. Before pulling the rubber hose off, you will need to disconnect the breather line going to the valve cover and also the intake air temperature sensor. You want to remove the intake air temperature sensor first. The sensor is the only thing you will see in the rubber hose that has a wire going to it. That sensor simply pulls out of the stock rubber hose. Remove by pulling and wiggling gently on the sensor and it will come out of the stock rubber tube.
4. The breather line is a rubber hose that goes from the intake tube to the valve cover. It is held in place with a hose clamp that is typically a light green color. To release the hose clamp, use a pair of pliers to squeeze the small tabs on the hose clamp together, then you will be able to slide the hose clamp up the breather hose about an inch. Once the hose clamp is slid up the hose toward the valve cover about an inch, you will then be able to pull the hose off of the plastic nipple that it is hooked to on the stock rubber intake tube.
5. With the breather line removed and the intake air temperature sensor removed, go ahead and remove the stock rubber intake hose from the Slingshot.
6. The stock intake air box is held to the Slingshot chassis with 3 bolts that all have 10mm heads on them. The picture to the right shows the location of the 3 bolts.
7. Remove all 3 bolts and the stock intake air box can be removed from the Slingshot.

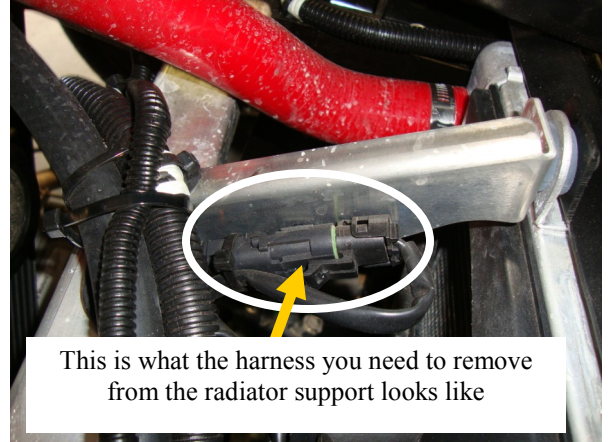


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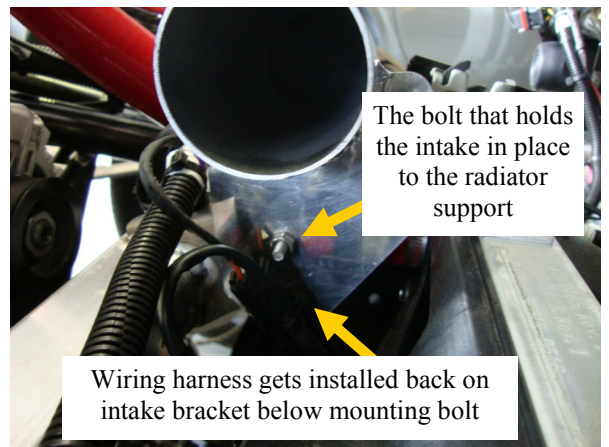


## Installing the new DDMWorks Street Intake System

1. The new DDMWorks intake installs easily on the Slingshot. First start with the custom silicone coupler that is included with the kit. Slide the provided hose clamps over both ends and make sure they are loose. Then slide the silicone over the throttle body on the intake manifold of the engine, leave the hose clamp loose though, do not tighten it down yet.
2. Next, you will need to relocate wire harness that is located on the drivers side radiator support. In the picture to the right you can see the wire harness. The harness is held to the aluminum radiator by a simple push in “Christmas tree” type connector. Use a small pair of needle nose and get between the connector and the aluminum radiator support and gently pry with the needle nose, you will be able to work the connector out of the aluminum support.
3. With the wire harness out of the way you can now set the new intake tube in place. There is a bracket on one end that has a hole that will line up with the hole that the wire harness you just removed was in. The other end gets slipped into the silicone connector you installed earlier.
4. Use the supplied bolt, washers and nut to secure the new intake tube in place. You will put a washer over the bolt first, then push the bolt through the bracket on the intake tube and through the radiator support bracket, then finish it off with another washer and the nut on the back side.
5. With the intake tube in place, make sure that the silicone connector is sitting nice and even on the throttle body and square to the intake tube. If everything looks lined up, go ahead and tighten the nut and bolt on the intake tube now using 10mm socket and 10mm wrench. Then tighten the hose clamp on the throttle body side of the silicone and last, tighten the hose clamp between the silicone and the intake tube.
6. The intake air temp sensor needs to be installed in the new intake tube, it pushes into the rubber grommet on the intake. Before installing it helps to lubricate that rubber grommet with a little WD-40 or a small amount of vasoline. Then slowly work the intake air temp sensor into place while wiggling it. There is an extra hole in the bracket holding the intake, you can push the harness that you removed earlier into this hole to hold it in place.
7. The breather line from the valve cover will push onto the tube sticking out the side of the intake now. A little bit of WD-40 will help to lubricate this tube also, secure with the hose clamp that should still be on it from earlier
8. The last thing to do is remove the filter from the box and the plastic that it shipped in and slide it over the end of the intake tube, secure in place with the hose clamp that came on it.



This is what the harness you need to remove from the radiator support looks like



The bolt that holds the intake in place to the radiator support

Wiring harness gets installed back on intake bracket below mounting bolt



Intake installed and ready for fun!

## PACKING LIST

	<b>DDMWorks Intake:</b>
1	Aluminum Fully Mandrel Bent Tube with Breather
1	Custom Silicone Slingshot intake adapter
1	AEM Dry Flow Filter
1	Rubber Grommet installed in intake tube
	<b>Hardware Bag:</b>
1	M6x25 Hex Head Bolt
2	M6 washers
1	M6 lock washers
1	M6 nut
2	#44 Hose Clamps
1	DDMWorks logo sticker

### DDMWorks Slingshot Street Intake System

**Congratulations!** You have finished the install. All of us here at DDMWorks thank you for your purchase and hope you enjoy your new Slingshot intake!

**If you have any questions feel free to give us a call or text us at 864-907-6004. You can also email us at [Tech@ddmworks.com](mailto:Tech@ddmworks.com).**

