



Slingshot Surge Tank DDM-16-44



The new DDMWorks Slingshot aluminum surge tank is a direct replacement for the stock plastic tank. This new tank is built exclusively for us by Griffin Thermal Products, makers of some of the highest quality cooling products in the USA. The aluminum surge tank is much more sturdy and will not break like the stock tank, has a larger capacity than the stock tank and fits into the stock location.

There is an integrated sight glass allowing the coolant level to be checked without removing the cap and also comes with a new pressure cap. While doing the surge tank install we recommend upgrading to the silicone coolant lines also.

If you are pretty handy with tools the Surge Tank can be installed in about an hour, however we suggest that you schedule at least a couple hours for the installation.

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

TOOLS NEEDED	
13mm wrench	Make sure the Slingshot is cold and has not been ran for a few hours, or better, over night. You will be removing parts of the cooling system so things could be hot.
Hose clamp pliers or channel locks	

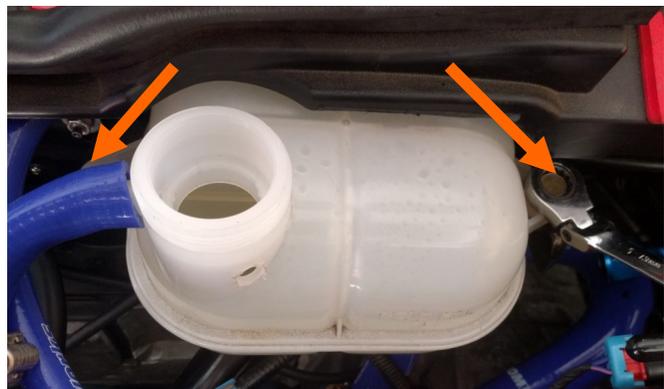


119-A Hwy 183
Piedmont, SC 29673



Surge Tank Installation

1. Make sure the Slingshot is cold and has not been ran for a few hours, or better, over night. You will be removing parts of the cooling system so things could be hot.
2. Start by removing the cap from your stock plastic tank. If you have any kind of suction device to remove the coolant in the tank use it now. Getting as much coolant out of the tank as you can will reduce the amount spilled in the coming steps. Place a catch pan under the sling-shot at this time to catch what does spill out.
3. There are 2 bolts holding the tank in place, one on each side. Use a 13mm wrench to remove both bolts at this time.
4. With the bolts removed you can slide the tank out slightly to expose the hoses and their clamps. Depending on what hoses and clamps you have use the correct tool to loosen the clamps and remove the 2 hoses on the passenger side of the tank.





Surge Tank Installation

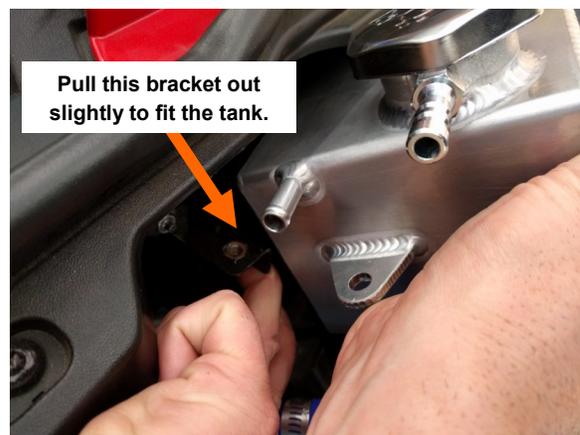
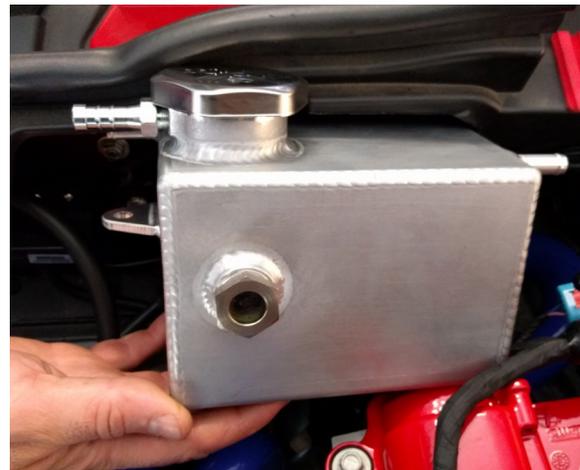
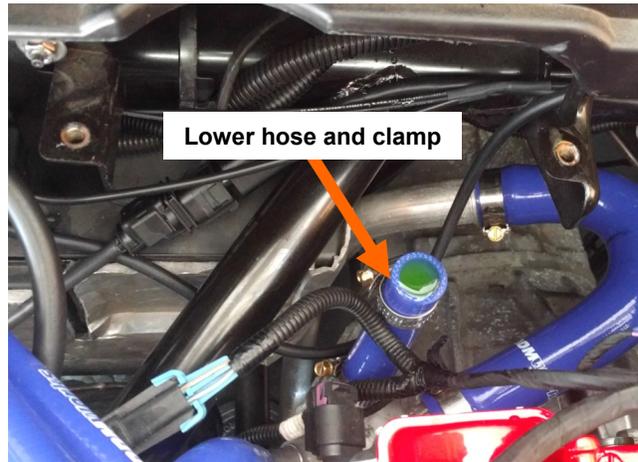
5. Next you will need to loosen the clamp under the surge tank using the correct tool again depending on your slingshot.

6. You can now carefully remove the stock plastic tank from the slingshot. **You will spill some coolant at this time.**

Be sure to have some towels or rags handy. Also your catch pan in place under the slingshot.

7. It is now time to install the new **DDMWorks** Aluminum Surge Tank. With the rear of the tank angled down place it between the 2 bolt holes. Push it towards the drivers side of the slingshot. You will have to pull slightly outward on the passenger side mounting bracket of the slingshot.

Do not worry about the bottom hose at this time. Once the tank is in place between the mounting brackets you can slide the lower hose onto the tank.





Surge Tank Installation

8. With the New Surge Tank in place you can reattach the hoses starting with the 2 upper hoses. With those on and tightened down push the tank back into location and get the lower hose on the bottom of the tank and tighten it down.

9. Now that all the hoses have been reconnected you can replace the 2 bolts that hold the Tank down on the sides. Tighten the bolts down using your 13mm wrench.

10. Double check that everything is tight and in its place.

11. Fill the New Tank with coolant just above the level of the sight glass, put the cap back on the tank making sure it is tight and secure.

12. You are finished !

*** Your New Surge Tank has an extra fitting for our Coolant Re-Route setup. For questions about this setup please call us at 864-438-4949 or 864-907-6004**



Congratulations! You have successfully installed your new Surge Tank !



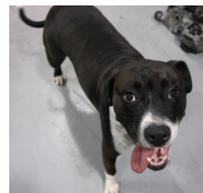
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Tech Support

(864) 907-6004 (call or text)

Email: Tech@DDMWorks.com



This product is
Buddy the
Turbo Dog
Approved!

