



Polaris Slingshot Front Splitter V2 DDM-16-43



The DDMWorks front splitter reduces lift on the front and rear of the Polaris Slingshot making it more stable at speed, it also adds a more aggressive look to the front of the vehicle.

If you are pretty handy with tools the front splitter 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. Email support is also available - Tech@ddmworks.com.

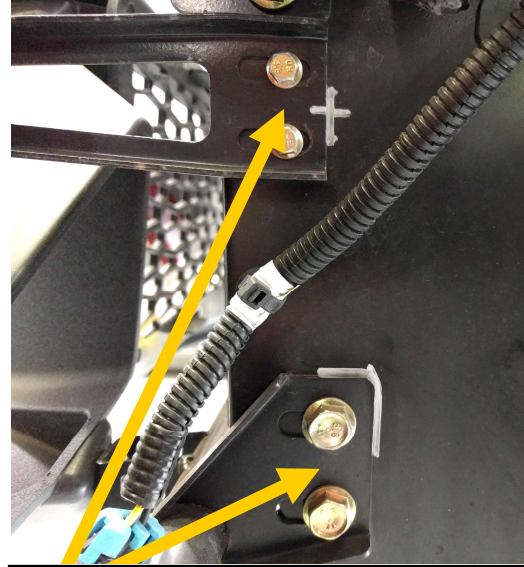
Tools Needed for Install

- 10mm wrench
- 8mm socket
- 10mm socket
- 13mm socket
- Socket driver
- Phillips Screwdriver
- 4mm Allen key
- 6mm Drill bit
- Drill
- Blue Loctite (suggested)

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Tech Support Call, Text or Email: (864) 907-6004, Tech@DDMWorks.com

Front Bumper Removal

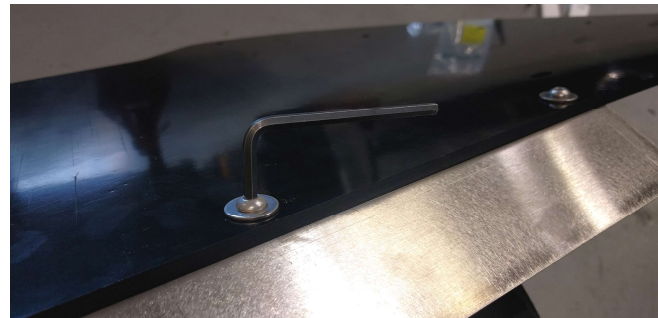
1. Make sure you have a flat and level surface to work on. Jack the front of the slingshot up high enough to get under the front bumper. Support both the left and right sides of the Slingshot with Jack Stands so it is safe and secure.
2. With the Slingshot up on Jack Stands you can now remove the front bumper. Mark the location of the brackets using a sharpie to allow for easier re-assembly.
3. Once the side brackets are marked use a 8mm and 13mm socket to remove the bolts. Make sure to support the bumper while removing the bolts as once the bolts are removed nothing will be supporting the bumper.



Remove bolts on the side holding front end on

Splitter Prep / Assembly

1. Prep the splitter by attaching the stainless steel air diverter. The textured side of the splitter will be facing up after installed. Using 4 of the M6 button head bolts and 4 of the M6 washers attach the stainless steel air diverter to the splitter. The air diverter will mount on the top (textured) side of the splitter.
2. There are 4 holes predrilled in the ABS Splitter on the back edge of the splitter. With the diverter in position, put a drop of loctite on the threads of each bolt and insert the bolts with washers up through the bottom of the splitter and thread into the air diverter. Tighten using the 4mm Allen key.

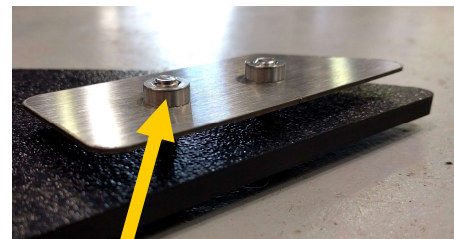
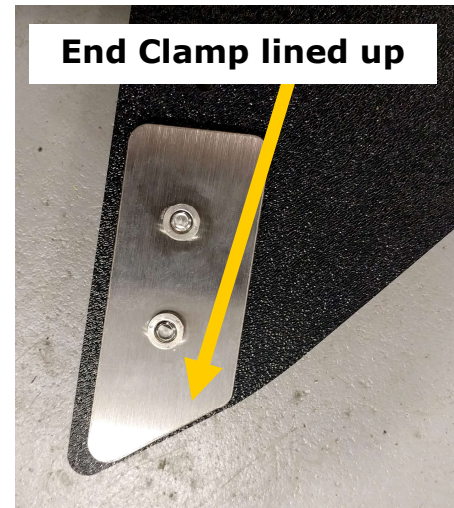


Air Diverter in position



Splitter Prep / Assembly—Continued

- Next step is to install the end clamps on each end of the splitter. Each end clamp is side specific, make sure they are on the top of the splitter and line up with the edges as shown in the photo to the right. Insert 2 - M6 button head bolts with washers on them up through the splitter and thread into the clamps. Thread just enough of the bolts into the clamp until the bolt just starts to poke through the back side of the captive fastener on the clamp, do not tighten at this time. Repeat this process on the other side of the splitter. At this point the splitter should look like the photo below with the Air Diverter and two end clamps attached.



Thread bolts into clamp but do not tighten



Air diverter and end clamps installed

Slingshot Front Splitter Installation

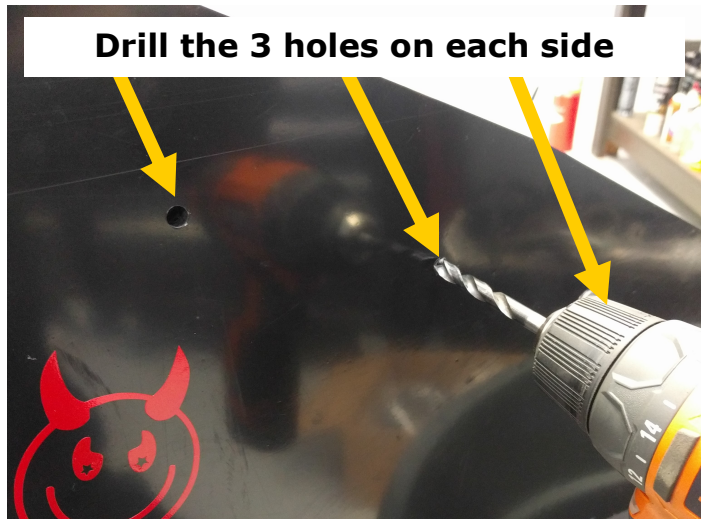
1. Slide the splitter onto the bottom of the bumper, from the back until the corners on each side of the splitter line up with the corners of the bumper on each side. The end clamps will need to be lifted and guided into place catching the lip on the inside of the front bumper
2. With the splitter lined up tighten the end clamp bolts using a 4mm Allen wrench. Make sure the clamps catch the lip on the insides of the bumper when tightening.
3. On the bottom of the splitter along the front edge you will see 4 holes on each side that line up with the underside of the bumper front lip. In the kit there are two screws that will be used to temporarily attach the splitter to the bumper. With one of the screws and a M6 washer, locate the second hole in from the edge and drive that screw with washer through that second hole and into the bumper. Repeat on the other side of the splitter.
4. With the end clamps tight and the 2 screws installed, flip the bumper back over and inspect the edge to make sure the splitter looks to be centered and the spacing along the front of the splitter is equal on both sides of the bumper. If it looks good, proceed to the next step. If not, you can loosen the end clamps and the remove the screws and adjust the splitter as necessary until you have the correct alignment.



Check alignment before next step

Slingshot Front Splitter Installation—Continued

5. Once you are satisfied with the alignment of the front splitter, turn the bumper back over so you are looking at the bottom. Locate the 3 other holes next to the one hole you put the screw in. Also, take a look at the location where the screw used for temporary mounting went through the bumper plastic. Make sure that screw went through the bumper plastic about in the middle of the lip underneath. Using a 6mm drill bit, use the 3 holes in the splitter on each side as a guide to drill the front bumper. While drilling you can also look from the side and see where the drill bit is lining up. Make sure the hole will go through the flat bottom side of the front bumper, adjust the splitter and bumper as necessary.



6. The center supports are the next parts to install and they are side specific with a left and a right side. The wider side of the support goes against the splitter and the flat side of the support faces the middle. Use one of the long bolts supplied in the kit and align it with the hole in the splitter and the support. Push the bolt all the way up until it touches the bumper. The notch in the center support should line up with the lip on the bumper. Once alignment looks good, you need to push and spin the bolt a couple times with the 10mm socket. Slide the bolt out and move the support to the side, you should see a mark on the bottom of the bumper. Repeat spinning the bolt until you see the mark, this mark is the drilling location for the mounting bolt.



Slingshot Front Splitter Installation—Continued

7. With drill marks made for the center support bolts, remove the 2 screws from the bottom installed earlier. Then loosen the bolts on the end clamps installed earlier until you can slide the splitter off of the bumper. With the splitter removed, use a 6mm drill bit and drill the 2 holes for the center supports where the marks were made in the previous step.
8. With those 2 holes drilled, slide the splitter back into place, lining up the edges and screw holes, install the temporary screws back into the same location you removed them from.
9. Start at the inner most hole of the 4 holes on each side of the splitter and insert a bolt with washer on it through the splitter and front bumper. On the inside of the bumper, put a washer and nut on the bolt. If you have a long pair of needle nose pliers, you can hold the nut on top of the bolt and spin the bolt with an Allen key on the other side to get the nut started as the space is pretty tight.
10. Repeat installing bolts in all 6 holes along the front of the splitter. Once you have all 6 bolts started, remove the 2 screws you installed earlier, drill the 6mm hole in the front bumper and install bolts with washers and nuts in those 2 holes also.
11. With all 8 bolts started, hold the nut on the bolt with a 10mm wrench while tightening the bolt with the 4mm Allen key. Tighten all 8 bolts at this time.
12. Install the 2 long bolts up through the bottom of the splitter with a washer on the bottom and top of the bolt, start a nut on the top of the bolt and tighten the nut with a 10mm wrench.



Bolt with washer installation



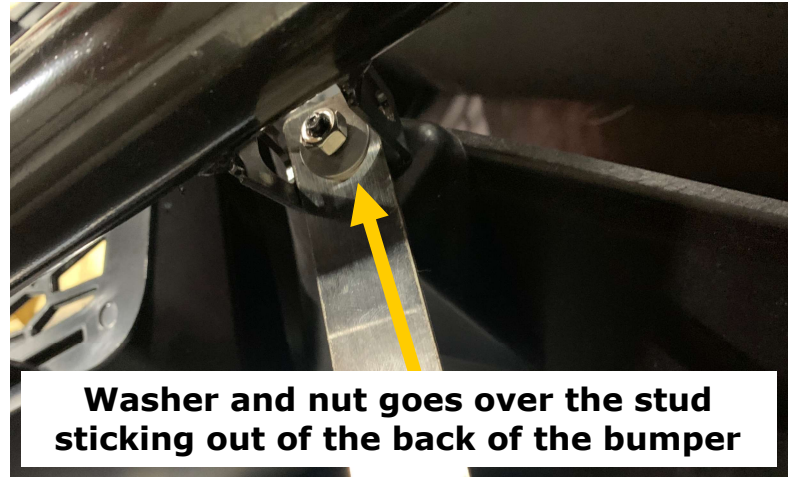
Hold nut on back of bolt with 10mm wrench

Slingshot Front Splitter Installation—Continued

13. Next item to install is the 2 vertical stainless steel supports that are located just to the sides of the air diverter. The vertical supports have a 90 degree bend on them with a captive fastener. The captive fastener will go against the splitter with the bend facing forward, as seen in the picture to the right.



14. The vertical supports will line up with the holes on the splitter and the top of the supports will fit over a threaded stud on the backside of the front bumper. Slide the top of the vertical



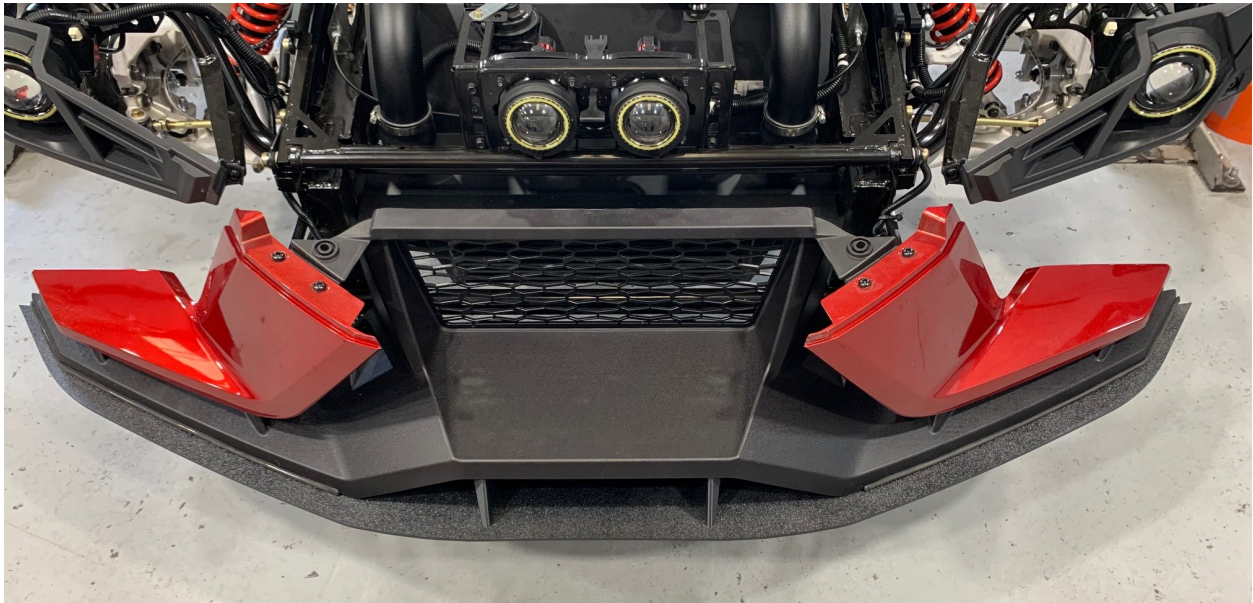
support up and over that threaded stud and line the support up with the hole in the splitter. Then use 2 bolts and washers and start them into the vertical support captive fasteners, but do not tighten.

15. Put a drop of loctite on the threaded rod that the top of the vertical support is going over, then put a washer and nut over and tighten down with 10mm wrench.

16. Tighten the 2 bottom bolts on the vertical supports now securing the vertical supports in place.

Slingshot Front Splitter Installation—Continued

14. The last step is to re-install the front bumper with the splitter attached to your Slingshot. Line the side brackets up with the marks you made earlier and install the bolts in the side. Tighten the bolts on each side to secure the front bumper in place.



Congratulations! You have successfully installed your new Front Splitter!

Thank you very much for choosing DDMWorks, we appreciate your business. If you have any comments or suggestions, please let us know by any of the ways below -

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