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Bodywork Cutting for Sidewinder Exhaust

When installing sidewinder exhausts (including TiWinder) it is necessary to cut the lower bodywork for the exhaust system to pass through. It is recommended to follow this procedure for a custom appearance with proper clearances to prevent heat damage or burning of the bodywork. This guide is for all models of bikes.

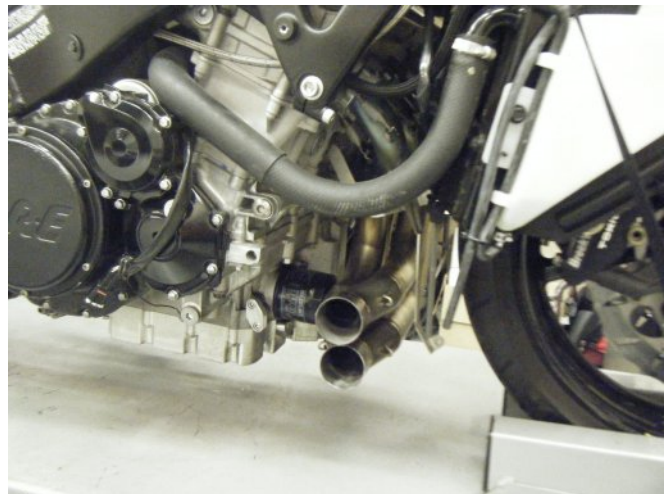
Brock's Performance does NOT warrant burned plastic. Make sure you have 1/4 inch minimum of clearance from plastic to pipe.



Suggested tools:

- Use a coping saw to cut the plastic.
- For plastic that is painted we recommend using blue painters tape to outline the area you are cutting so the paint does not chip up when cutting with coping saw.
- We recommend the use of a Dremel type rotary tool to clean cut after use of coping saw
- Make small cuts and test fit plastic frequently to make sure there will not be huge gaps between the pipe and the bodywork. Remember 1/4 inch minimum gap.

Completely install the sidewinder exhaust system following the instructions provided with bodywork removed. This will get the system aligned and fastened tightly. Remove the megaphone and collector pipe.



Apply tape to the inside and outside of the area of the bodywork that will be cut. Taping a larger area than needed will help protect the finish during cutting.



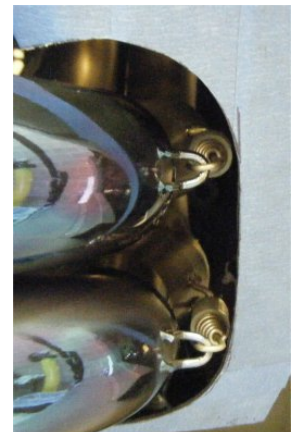
Install the right side bodywork. Press the body against the pipes and hold. Using a marking pen (Sharpie) trace around the header pipes, allow for the springs if they will contact the plastic. Remember 1/4 inch minimum gap.



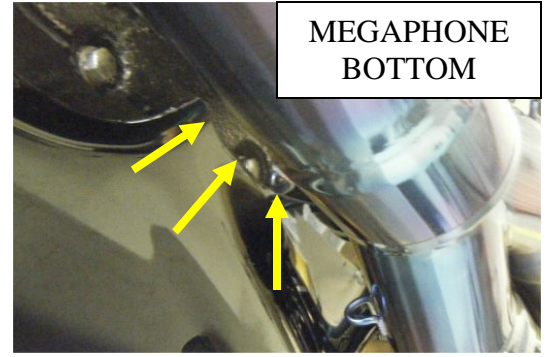
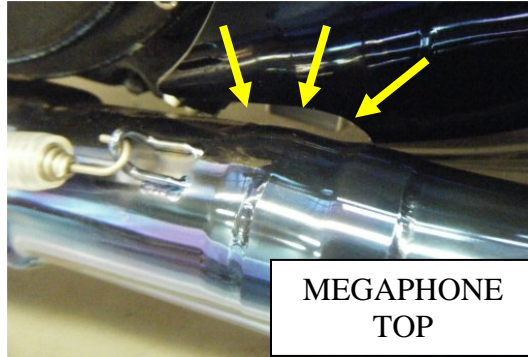
Remove the bodywork. Using a coping saw or tool of your choice, cut out area marked. When cutting, make sure the teeth of the saw are cutting toward the inside of the plastic, this will prevent the paint from being chipped along the cut. It is best to cut small amounts and test fit frequently until you get proper clearance (1/4 inch minimum) and a desired appearance. Carefully smooth the cut edges using a rotary tool with a drum sander, a fine file, or sandpaper.



Re-install the bodywork on both sides with it completely fastened. Install the collector pipe with springs. Check for the proper clearances (1/4 inch minimum) and the desired appearance. Install the megaphone.



On some models of sidewinder exhausts there may not be 1/4 inch minimum clearance from the megaphone (see arrows in photos). It will be necessary to cut an area out along the megaphone. Apply tape to the area, trace around the megaphone, and cut and smooth as before.



With the system and bodywork completely installed, clean fingerprints from exhaust and check for clearance to the plastic bodywork (1/4 inch minimum) before starting engine.



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Brock's Performance Products are designed for Closed-Course Racetrack use **ONLY!**
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