



MAKING YOUR DREAMS A REALITY

## FITTING INSTRUCTIONS

### High Level Exhausts:

HONDA MSX125 (SF) /GROM (1st and 2nd generation)

EXPS-0041	EXPS-0065
EXPS-0042	EXPS-0066
EXPS-0043	EXPS-0067
EXPS-0052	

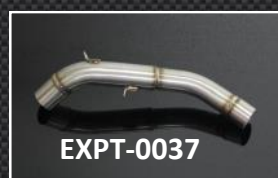


The TYGA Performance high level race exhaust is supplied with all the components you need to install it to a stock bike. Before you start the installation, it is a good idea to check that you have all the correct components by referring to the following table.

Model (all products codes start with EXPS) >>>	0041	0042	0043	0044	0052	0064	0065	0066	0067	0068
EXPT-0005, Section, Underbelly						1				1
EXPT-0035, Header Section	1	1	1	1	1		1	1	1	
EXPT-0036, Intermediate section	1	1	1	1	1		1	1	1	
EXPT-0037, Final Section	1	1	1				1			
EXPT-0065, Final Section								1	1	
EXSL-0042, Oval Carbon, Carbon End Cap	1							1		
EXSL-1142, Oval Stainless, Carbon End Cap		1							1	
EXSL-8013, Moto Maggot							1			
EXSL-0058, Oval, Staineless, Belly, Long						1				
EXPS-0059, Oval, Stainless, Belly, Short										1
EXSG-0002, Spring Swivel	4	4	4	4	4	2	4	4	2	2
EXDK-0002, DB Killer		1				1			1	
BPSY-0173, Stay, Under Belly Exhaust						1				1
BPSY-0175, Stay, High Level, Maggot							1			
BPSY-0177, Stay, High level Oval								1	1	



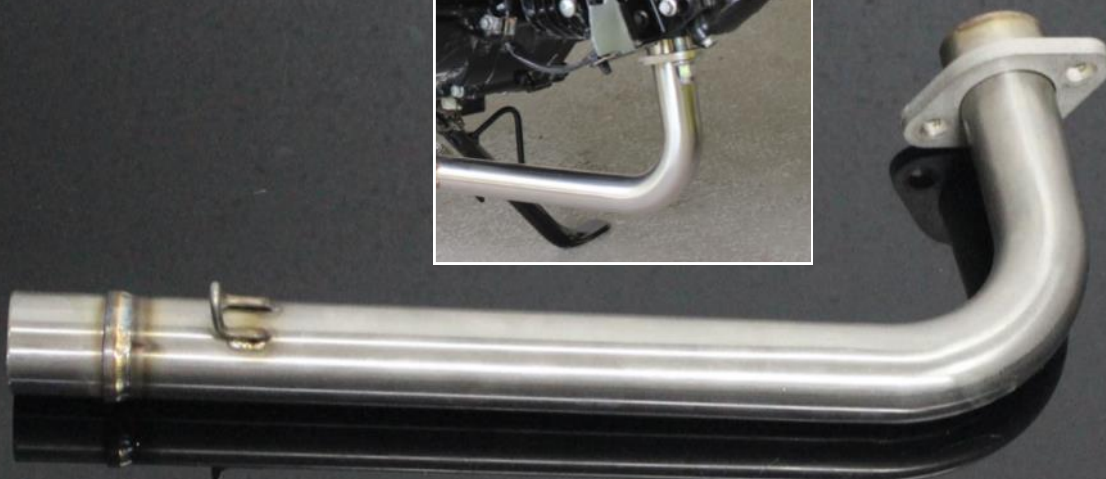
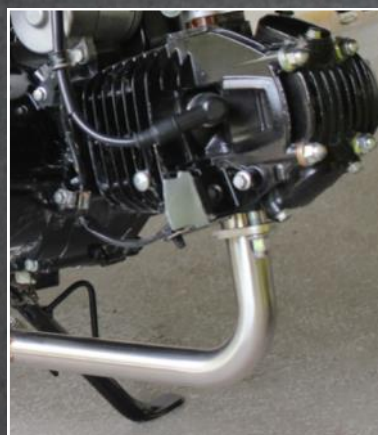
Note that EXPS-0041, EXPS-0042 and EXPS-0052 can be installed on the second generation MSX125SF Grom but require some additional silencer mounting stays (BPSY-0175 and BPSY-0177) and the switching of EXPT-0037 with EXPT-0065 for oval type silencers to provide enough clearance with bodywork.





1) After removing the Honda exhaust, you will need to re-use the nuts for the exhaust pipe on the engine and the bolt where the exhaust mounts to the frame on the right hand side. All the other components are supplied with the replacement exhaust. First install the header section (EXPT-0035). Install this loosely using the Honda exhaust stud nuts.

**EXPT-0035**



2) If you are installing a high level exhaust to a second generation MSX125SF, you will need to do the following modifications. For first generation models, skip 2 and move to 3.

A) Hugger. The stock Honda hugger needs cutting away at the front right to allow for the exhaust to route up the inside of the swing arm spar. This is a simple job and requires removal of the hugger and cutting as shown in the photos. Remove 30-35mm of the plastic.

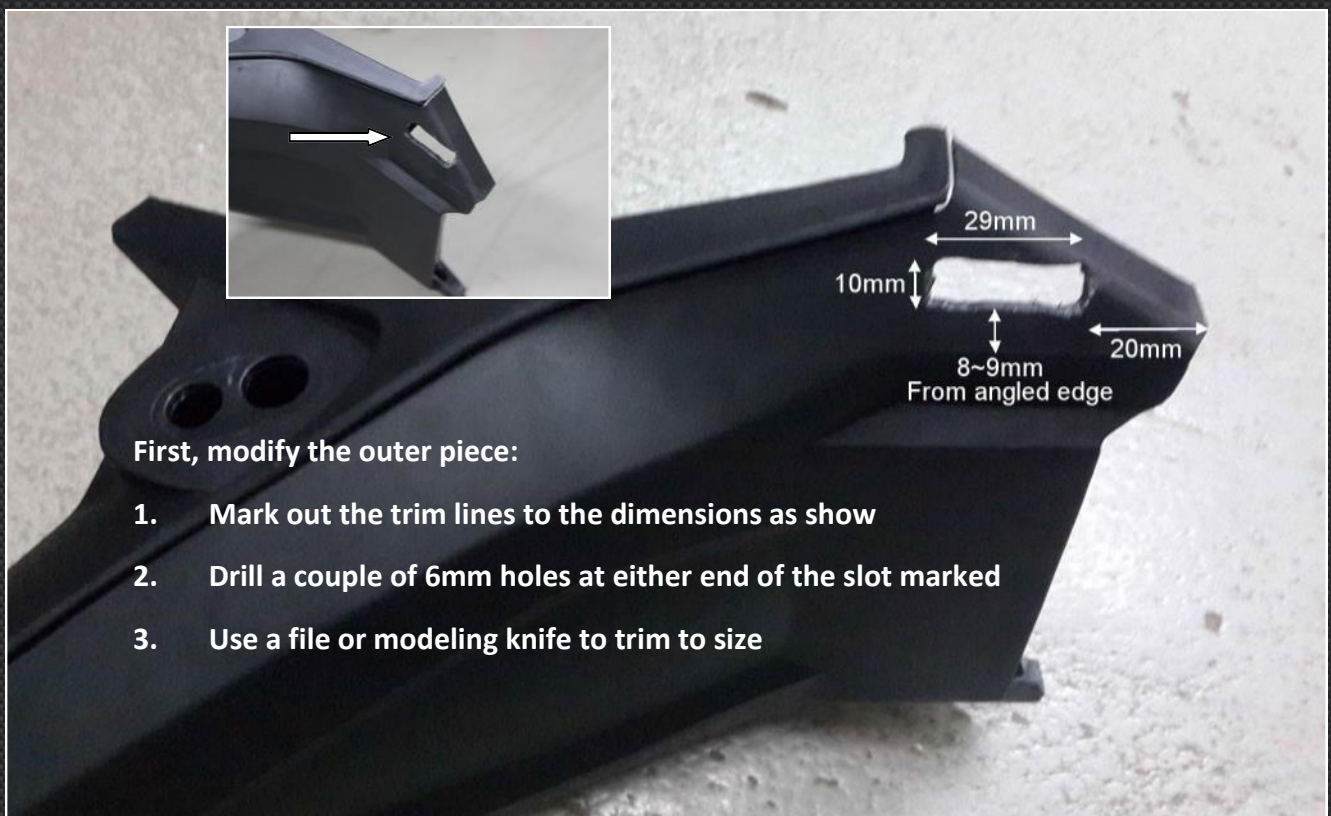
Note that if you are installing BPOCH-7028 or BPOCH-7128 TYGA Performance hugger, then you don't need to modify it to fit.





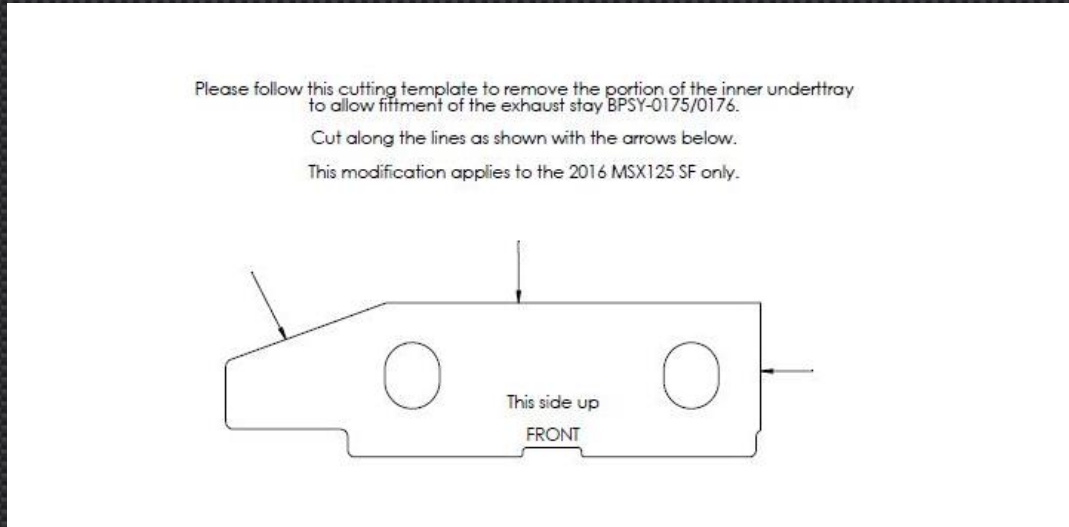
**B) Silencer mounting stay.** There are two types of stays depending on the model exhaust but they both fit the same way. Here are steps on how to install the stay:

- 1) The stay fits to the rear fender mounting bolts and the following instructions explain how to install the stay if you retain the Honda rear fender. For other arrangements such as tail tidies (fender eliminators etc.) you will need to find the best way to accomplish this) . If you remove the seat, you can see there are four M8 bolts, two immediately behind the frame rails and two in front between the rails. The first job is to remove the rear fender and all the plastic covers associated with it.
- 2) You will need to modify two of the plastic covers (80102-K26-B00 Fender RR. Inner, and 80110-K26-B00 Fender A, RR.) as shown in the photos. We provide a template to help you to do this. By using simple tools such as drills, hacksaws and files it is possible to neatly cut away at the plastic until it is the same as the photos.



Now, modify the inner piece:

- 1) Cut out the paper template provided.



- 2) Offer up template to part and mark off as necessary. Use tape or scribe a line.



- 3) Cut out part as shown.



Offer up BPSY-0175/0177 to check fit and clearance. And trim any interference as necessary.

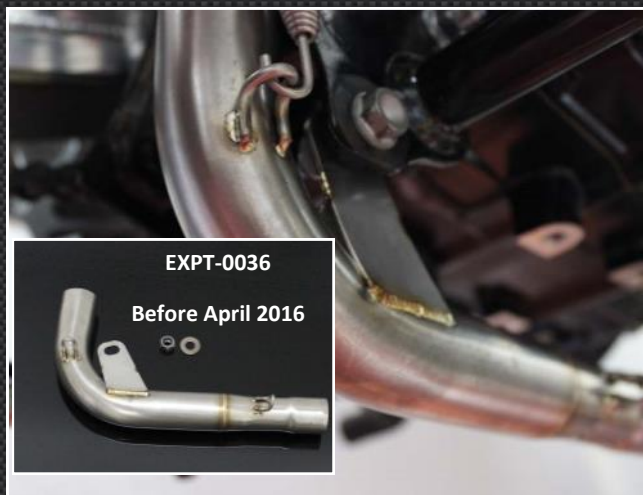
3) Reassemble the rear fender, only this time install the TYGA silencer stay in the cut away sections as shown in the photo. This stay is secured by being bolted up tight by the two front rear fender bolts. If you don't have the rear fender installed, you can simply use the two bolts that hold on the fender and secure with two nuts and washers which can be sourced at any good hardware shop. You are now ready to move to step 3.

3) Next, we need to offer up the intermediate section (EXPS-0036) and slide it onto the header section and secure it with springs. However, before doing this, it is important to identify which type of TYGA exhaust you have. There are two types of TYGA intermediate sections depending on date of manufacture.

a) All those systems made after April 2016 secure the same way as stock and fit on the outside of the frame as shown in this photo using the Honda mounting bolt in the same way as the Honda exhaust. Install the intermediate section and move on to 4)



b) For earlier types, which can be identified as not having the lightening hole in the exhaust mounting lug, they secure inboard of the frame as shown here. To install them, thread the Honda mounting bolt all the way through the frame first and tighten. Then slide the intermediate section of the TYGA system onto the bolt from the inside of the frame as shown in the photo and secure using the nut and washer provided with the exhaust system. Now move on to 4.



4) We are now ready to install the final section. This slides onto EXPT-0036 and one of two types are supplied in the kit, EXPT-0037 for most applications and EXPT-0065 which is slightly longer for systems using the oval silencers on the second generation MSX125SF Grom. In all other respects the two types of final sections are the same and are secured by springs to the intermediate section.



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- 5) The silencer is installed on the bike by using the springs and the silencer mounting stay.

For first generation bikes, all exhaust systems fit the same way and are bolted directly to, and on the outside of, the silencer stay that is welded to the bike by means of hardware supplied with the exhaust.



For second generation bikes, the oval silencer fits to the silencer stay BPSY-0177 on the outside as shown in the photo. For the maggot, it can be installed on the inside of the stay BPSY-0175 and spaced using the aluminium spacer provided. Note a longer bolt is supplied for this reason.



For all models, it is important to ensure that there is clearance with bodywork and that the silencer is not under any stress on the mounting points. If it is, there is a good chance that the installation is not correct. Repeat steps above and try again. Once you are happy with the position of the exhaust, secure tightly all mounting points of the exhaust including the exhaust stud nuts, the frame mount and the silencer stay.

### Tips:

- Use high temperature sealant on all joint to prevent leakage and blowing between sections
- Keep all sections loose until the exhaust is fully assembled on the bike and in the correct position
- Be careful to make sure there is adequate clearance between the exhaust system and other components because the exhaust will get hot and can damage paintwork etc.
- After the first test run, check the exhaust for any movement or to see if anything has come loose etc.



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