



Brock's Performance Products • 4064 East Patterson Road • Dayton, OH 45430 • Phone: 937-912-0054 • Fax: 937-912-0062

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## Installation Instructions for Brock's CT Series Exhaust Systems

The CT Series Exhaust Systems for the 2008-2009 Suzuki Hayabusa is a high performance 4-2-1 exhaust which replaces the stock headers, mid-pipes, and mufflers. The system is available in either Single or Dual outlet.

### **STEP 1: CHECK PACKAGE CONTENTS:**

1. Four (4) Header Mount Flanges
2. Four (4) Spigots
3. One (1) Right and One (1) Left Side Header (Primaries)
4. One Collector
5. Package Containing Springs, Spring Puller, and Supplemental Information
6. One (1) Elbow (or two (2) if dual)
7. One (1) CT muffler (or two (2) if dual)
8. One Black Rubber Cap (Not Shown)

**STEP 2: PRE-ASSEMBLE HEADERS, COLLECTOR, AND MID-PIPE TO INSURE PROPER FIT BETWEEN ALL PARTS:** Brock's Performance pre-assembles the exhaust system before it is shipped to your door. We ask you to do this to insure there were no shipping damages incurred before you start disassembling your bike. A lot of our customers use WD-40 applied to the joints to ease assembly, adjustment, and/or disassembly.

**STEP 3: REMOVE BODYWORK:** Remove all push pins starting with the 2 under the motorcycle, holding the two side fairings together. Next remove the two push pins behind the front wheel holding the lower screen to the side fairings.



Remove the screen (chin piece), belly pan by disconnecting the push pins behind the regulator/rectifier, and the 4mm Allen bolt on the right side below the foot peg and brake assembly. Remove (2) 4mm Allen bolts on right side fairing, and (2) Allen bolts below the handle bars (one black, one silver). Repeat on left side of motorcycle.



Remove push pin below handle bars on both sides of motorcycle also. Remove 4 push pins next to and above front fender.

The body work can now be pulled off. There are rubber grommets holding the bodywork on now that all of the fasteners have been removed. Start by pulling the bottom of the body work out. The first grommet is connected to the top of the oil pan. Next pull the bodywork away from the frame above the clutch cover. Pull black cover next to gas tank up to remove plastic pin from rubber grommet. Next, lift bottom of bodywork away from motorcycle about six inches and pull down, be very patient because the first time is always the hardest. Once one side is disconnected from the motorcycle remove the other side in the same fashion.

**STEP 4: REMOVE THE MUFFLERS:**

In the rear of the motorcycle you will notice two very large cans...they are the mufflers. Loosen pipe clamp where the elbow meets the exit of the catalytic converter next to the regulator/rectifier on both sides of the motorcycle. Remove the 12mm bolt holding the muffler to the passenger peg. Do this on both sides. Make sure to be careful not to drop the mufflers when they are loosened from the passenger peg.

**STEP 6: REMOVE THE HEAD PIPES:**

You will notice a bracket holding the radiator to the engine. Remove the bolt so you can push it forward to make room for the removal of the headers. Next remove the brackets for the radiator and oil cooler. Remove all eight (8) of the 8mm Allen bolts holding the four primaries to the head. Be careful not to hit the flanges of the pipes on the radiator, sometimes a piece of cardboard will help in this area for protection of the radiator. Check to make sure the exhaust gaskets are still in the head, you will reuse these. Next, remove the 12mm bolt holding the back of the Cat to the bracket, remove the bracket.

**STEP 7: INSTALL FLANGES**

You will notice the flanges are a two piece design. The cup has a lip on the inside that must face away from the head, with the flange holding it in the head, make sure both of these pieces are flush so the exhaust may be slipped into them. Keeping them semi loose will help this process. Hang springs from both holes on each flange.

**STEP 8: INSTALL HEAD PIPES:**

Install the head pipes to the flanges while making sure not to hit the radiator and oil cooler. You can use Ultra Copper to endorse a good seal between flanges if desired. After one side of the primaries is installed attach the springs to the tabs on the head pipes. Then repeat on the other side. Make sure the radiator, as well as, the hoses have clearance from the head pipes with the supplied radiator/ oil cooler bracket

This would also be a good time to go back to the flanges and make sure you get them tight...about 10-15 ft-lbs to support a proper seal.

**STEP 9: INSTALL COLLECTOR:**

Install the collector to the head pipes with two supplied springs. Once the springs are on, give the collector a good wiggle so it can seat against the head pipes. You can also put ultra copper on these areas as well.

**STEP 10: INSTALL ELBOW AND MUFFLER:**

Start with the elbow (or Elbows if Dual). Once installed, secure system with the supplied springs. Next install muffler(s) to elbow(s) using supplied springs. Now, use the stock muffler bolts to hold new CT Series exhaust to the passenger pegs. Make sure the system is not hitting any part of the motorcycle.

**STEP 11: CLEAN SYSTEM OF FINGER PRINTS:**

With any exhaust system you must clean all finger prints, with brake cleaner, on exhaust before starting the motorcycle to insure there will not be finger prints "burned" into the pipe.

**STEP 12: INSTALL BODYWORK IN REVERSE ORDER OF REMOVAL:**

Before starting the bike make sure that all body work is at least 1/4 inch from any part of the exhaust on the motorcycle. Failure to insure proper clearance may result in burned plastic. Brock's exhaust systems are designed to provide the appropriate clearance. If the minimum clearance is not obtained remove the springs on the exhaust system, loosen the muffler mount and adjust until proper clearance is achieved.

**CONGRATULATIONS, INSTALLATION IS COMPLETE!**

For more information go to [www.BrocksPerformance.com](http://www.BrocksPerformance.com), *click:* Installation Instructions  
email: [Advice@BrocksPerformance.com](mailto:Advice@BrocksPerformance.com), or call the Tech Line: 937-912-0061

Brock's Performance Products policies and warranty information: [www.BrocksPerformance.com](http://www.BrocksPerformance.com), *click:* Policies  
Brock's Performance Products are designed for Closed-Course Racetrack use ONLY



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### Installation instructions for 2008 Hayabusa PAIR block-off BPP-S1308-CAP

BPP-S1308-CAP is used to block off emissions (PAIR) to help prevent 'deceleration pop' and also prevents ram-air pressure loss from the airbox after blocking the PAIR.

1. Lift and prop gas tank.
2. Remove PAIR hose from air box port. See figure 1.
3. Place BPP-S1308-CAP on port of air box.
4. Reinstall hose over plugged port. See figure 2.



Fig. 1.  
**AIR BOX PORT-COVER WITH BPP-S1308-CAP**



Fig. 2.  
**REINSTALL HOSE OVER PLUGGED PORT**

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

For more information go to [www.BrocksPerformance.com](http://www.BrocksPerformance.com), click: Installation Instructions

email: [Advice@BrocksPerformance.com](mailto:Advice@BrocksPerformance.com) or call the office at 937-912-0061

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