



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

## Installation Instructions for the CBR 1000RR (08-09) CT Single Exhaust System

### CHECK PACKAGE CONTENTS

1. One (1) Left Side Header (Cylinders 1 & 2)
2. One (1) Right Side Header (Cylinders 3 & 4)
3. One (1) Collector
4. One (1) Mid-pipe
5. One (1) CT Series Muffler
6. One (1) Package Containing Flanges, Springs, Spring Puller, Bracket and Hardware
7. One (1) Black Rubber Cap (Not Shown)
8. One (1) Instruction Package

If any parts are missing, contact Brock's Performance Products.



**Brock's Performance CT Single**

### PRE-ASSEMBLE HEADERS AND COLLECTOR TO ENSURE PROBER FIT BETWEEN ALL PARTS

Brock's Performance carefully inspects each system prior to shipping, we recommend that you test fit your system prior to installation. Apply WD-40 to the joints to ease assembly, adjustment, and/or disassembly.



### REMOVE BODYWORK

Start with removing the upper inner covers (inside of air intake tubes), each has (3) plastic fasteners. Remove the air intake cover (below headlamps) with (3) plastic fasteners. Remove the lower cowl, (2) screws on each side and slide rearward to release clips. Remove middle cowls, (2) screws on each side and gently pull each outward to remove. Refer to a factory service manual for more detailed instructions.

### REMOVE THE MUFFLER

Remove the EGCA cable (exhaust valve). Under the tail next to the passenger foot peg, remove the small cover with three (3) plastic fasteners. Turn the pulley clockwise and remove the cable. Replace the cover. Loosen the muffler clamp bolt, it only needs to be loosened not removed. While holding the muffler, remove the bolt securing the muffler to the passenger foot peg bracket. Release the ECGA cable from its clips. Remove the right side foot peg and remove the muffler. Remove the bolts securing the muffler heat shield from the foot peg. Replace the foot peg and torque the mounting bolts to 27 foot pounds.

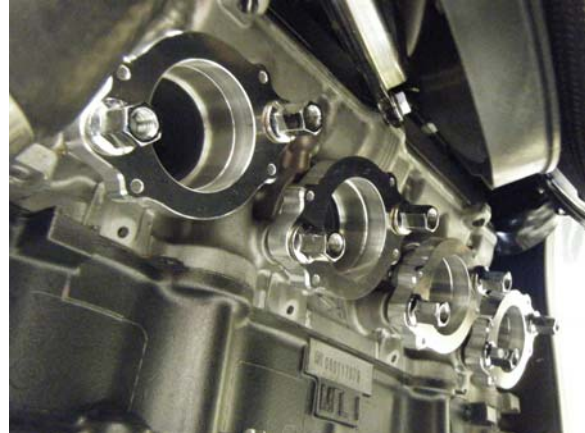
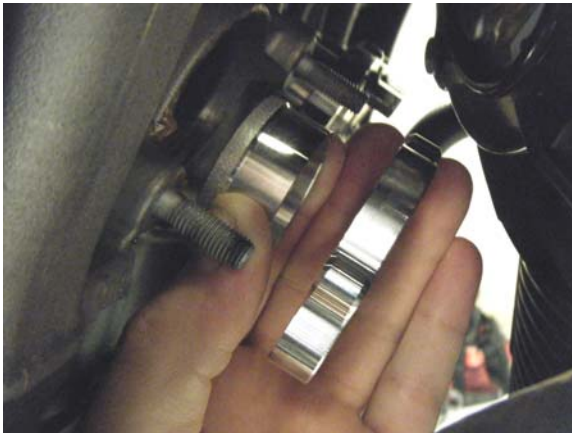


## REMOVE THE HEAD PIPES

Remove the one (1) mounting bolt supporting the pipe at the rear of the engine. Remove the one (1) lower mounting bolt from the radiator bracket. You can gently push the radiator forward to make room for the removal of the headers. Remove all eight (8) of the nuts holding the four primaries to the head and remove the head pipes. *Be careful not to hit the flanges of the pipes on the radiator*, some times 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, do not remove, you will reuse these.

## INSTALL FLANGES

Attach the flanges with the larger flared side against the gaskets in the cylinder head and aligned as shown. Make sure flanges are flat to the gaskets, do not tighten until the next step.



## INSTALL HEAD PIPES

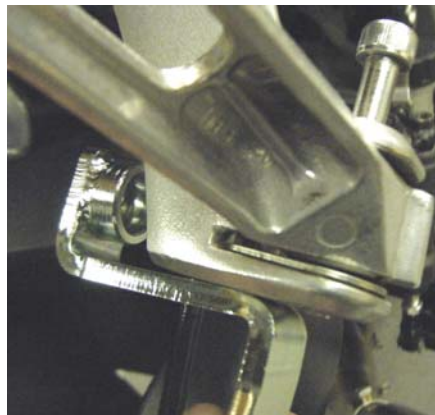
Insert cylinder 1 & 2 head pipe into the flanges, making sure not to hit the radiator. Attach the four (4) springs to the tabs on the head pipe. Repeat for cylinder 3 & 4 head pipe. Tighten the flanges to 10-15 ft-lbs to promote a proper seal. Make sure the radiator as well as other hoses have clearance from the head pipes.

## INSTALL COLLECTOR

Install the collector to the head pipes aligning the colored dots. Install the two (2) springs. Once the springs are on, give the collector a good wiggle so it can seat against the head pipes.

## INSTALL BRACKET AND MUFFLER

Remove the one (1) pin securing the right passenger foot peg to the bracket and replace pin with supplied longer bolt. From the inside, place the round boss of the exhaust bracket into the inside of the foot peg bracket and thread the bolt through the bracket. Tighten the bolt only enough to secure the bracket and not bind the foot peg, install the supplied washers and nut.



Install the CT series muffler using the supplied bolt, washers, nut, and springs. Re-check all fasteners making sure everything is tightened properly.



### CLEAN SYSTEM OF FINGER PRINTS

With any exhaust system you must clean all finger prints off before starting the motorcycle to insure there will not be finger prints "burned" into the pipe. Carefully use alcohol, brake clean, etc. to clean the system.

### RE-ATTACH RADIATOR BRACKET

To re-attach the radiator to the lower bracket, insert the bolt removed earlier in the bottom radiator mount and tighten.

### INSTALL BODYWORK AND CHECK CLEARANCE

Replace all bodywork and check clearance. *Bodywork must be at least 1/4 of an inch from any part of the exhaust system.* Brock's Performance does not warrant burned plastic.

### ADDITIONAL

Review documents for air box and air intake tube modifications.  
Install the appropriate Power Commander map for your application.



**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 937-912-0054

**Brock's Performance Products policies and warranty information:** [www.BrocksPerformance.com](http://www.BrocksPerformance.com), **click:** Policies

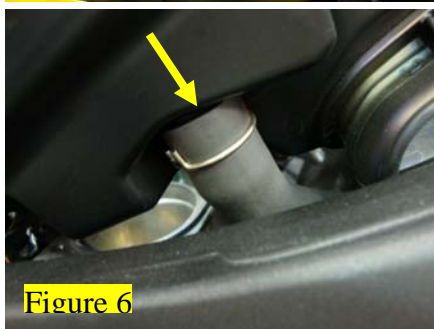
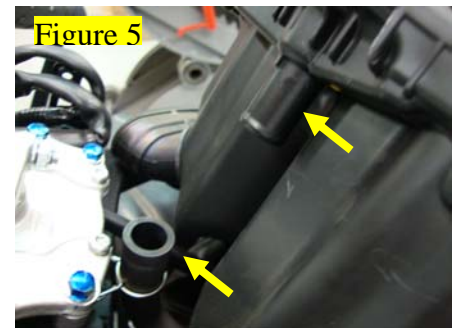
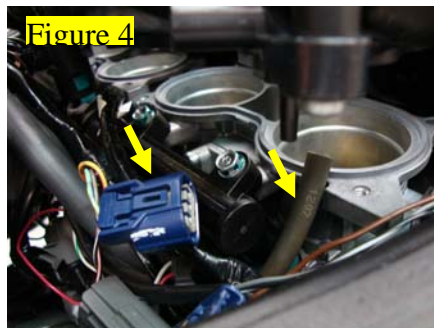
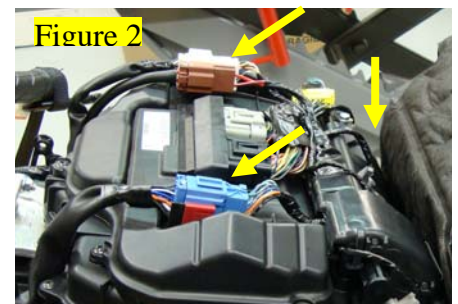
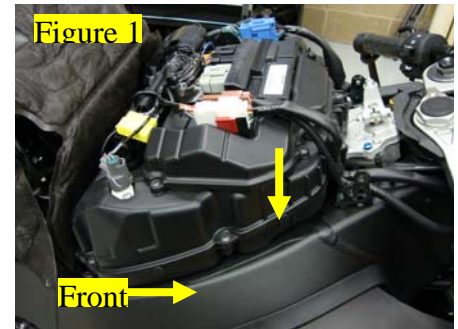


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## **PAIR Block-Off Cap (Black)** **Installation Instructions for CBR 1000RR (08-09)**

The PAIR block-off 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. It will be necessary to lift the air box up to access the PAIR valve hose. Refer to a factory service manual for more detailed information.

1. Remove fuel tank cover, lift and prop up fuel tank.
2. PAIR valve hose location. See figure 1.
3. Remove insulation blanket, three (3) electrical connections, and fuel line from top of air box. See figure 2.
4. Remove air box cover, air filter, and velocity stacks from inside air box. *Be very careful to not drop anything into the throttle bodies, debris can destroy your engine. Cover throttle bodies with clean rags.* See figure 3.
5. Remove vacuum line and sensor from rear of air box. Lift air box to access breather hose at front and remove. See figure 4 & 5.
6. Lift air box and remove PAIR valve hose from port. See figure 6.
7. Press the BPP-S1308-CAP one (1) inch into the hose. Wet cap a little with Windex and use a 3/8" drive extension to push in. See figure 7 & 8.
8. Push hose onto port of air box and secure with clamp. See figure 6.
9. Reinstall air box and components from steps 1 to 5.



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