



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

Installation instructions for Brock's 2008 ZX-10R Exhaust Systems

The Generation 3 StreetSmart/ Alien Head/ Shortmeg Exhaust Systems for the 2008 ZX-10R is a high performance 4-2-1 exhaust which replaces the stock headers, mid-pipes, and mufflers. It converts the stock dual-muffler design into a single-sided muffler mounted on the right side of the bike.

STEP 1: CHECK PACKAGE CONTENTS: The Alien Head System is shown in Figure 1

1. Four Header Mount Flanges
2. One Right and One Left Side Header (Primaries)
3. One Collector (Y-Pipe)
4. One Mid-Pipe (Elbow)
5. Package Containing Springs, Spring Puller, and Supplemental Information
6. One Muffler (Optional Alien Head Muffler Shown)
7. One Black Rubber Cap (Not Shown)
8. One Bracket with Hardware (Gen 3 Has Strap and Hanger)

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

Figure 1: Brock's Alien Head System Shown



STEP 2: PRE-ASSEMBLE HEADERS, COLLECTOR, AND MID-PIPE TO INSURE PROBER FIT BETWEEN ALL PARTS: Brock's Performance pre-assembles the exhaust system before it is ever shipped to your door. We ask you to also 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: BROCK'S PERFORMANCE SUGGESTS THIS SHOULD BE PERFORMED BY A CERTIFIED TECH.

Remove body work by removing fasteners. Start with side covers, on both sides of motorcycle by removing three Allen Head fasteners per side.

Next, remove bottom fairing. Start by removing plastic push pins (2) behind the front wheel. Remove fasteners placed on the lower region of bodywork on both sides. Remove (3) Allen Head bolts holding the top of the lower fairings on, be careful not to drop plastic when doing so. Make sure only one side at a time is performed. Lift the bottom of lower fairing up like a wing to remove from upper. Repeat on other side.

Remove windscreen by removing (4) black Allen bolts, also remove rubber grommets. Next remove (2) polished Allen bolts on sides of windscreen.

Remove gauge cluster by removing (2) Allen bolts below gauge, place rag on upper triple tree and lay cluster on top. Unplug turn signals from below mount for cluster and remove mirrors.

Remove inner plastics (thin Black pieces) below hand levers by removing Allen bolt then pulling plastic toward center of bike.

Unplug headlights and running lights by disconnecting plastic plugs 5 inches from lights.

Remove 10mm bolts holding front section to frame. Pull front plastic, with headlight attached, off of motorcycle.

STEP 4: REMOVE THE MUFFLER:

Take cover off of exhaust system by removing 3 Allen bolts. Loosen butterfly valve cables from muffler. When removing a muffler always start at the fastener closest to the front of the bike. The bolt only needs to be loosened not removed. Move up the muffler to the passenger peg bolt that secures the back of the muffler. Completely remove the bolt holding the muffler bracket but be careful not to let the muffler drop on the ground when doing this. You may need to apply a little twisting force when removing the muffler. Next, remove cables from muffler.

STEP 5: REMOVE THE "CAT":

As you move forward from where the mufflers were connected to the front part of the exhaust system you will notice there is a gold object that looks like a box...that is the catalytic converter. Loosen the front of the cat from the head pipes. Again do not remove the bolt only loosen. Remove the bolt behind the connection of the right muffler and the cat, but be careful not to drop the "cat" on the ground when doing so.

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. Remove all eight (8) of the 10mm nuts 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.

STEP 7: INSTALL FLANGES

Now that everything is out of the way you can install the flanges that connect this system to the engine itself. Install these with the flared side toward the engine with the holes facing up. Do not tighten down; you should only finger-tighten a little at a time so you can make sure there are no exhaust leaks. Hang supplied springs from the outer lower of the two holes on each flange.

For more information go to www.BrocksPerformance.com, **click:** Installation Instructions
email: advice@brockracing.com, or call the Tech Line: 937-912-0061

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

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 and if desired. After one side of the primaries is installed attach the springs to the tabs on the head pipes. Then repeat to the other side. Make sure the radiator as well as other hoses have clearance from the head pipes. 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 AND MID-PIPE:

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. Install the mid-pipe (elbow) with two supplied springs.

STEP 10: INSTALL BRACKET AND/OR MUFFLER:

If you purchased the Alien Head or Short Meg System, now would be a good time to remove the foot peg and install bracket. Start by removing the foot peg from the frame. Then install longer supplied bolts to hold the bracket to the frame. Place the bracket behind the frame and use two supplied nuts to keep secure. Install Alien Head or Short Meg system by using the supplied bolt, nut and spring.

If you purchased the Gen 3 system install muffler with the two supplied springs. Attach rubber to muffler hanger and peel off protective coating on muffler hanger. Install hanger to muffler using the STOCK muffler bolt.

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 if and 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!



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

Installation instructions for 2008 ZX-10R PAIR block-off cap BPP-S1007-CAP

BPP-S1007-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 lid of air box. Place under tank so that it is out of the way. See figure 1.
3. Remove center section of air box .
4. Remove hose from front of the airbox and place cap on hose fitting. Replace hose over cap, WD-40 may be used to slide hose over cap.



Fig. 3.

5. Re-install airbox and lower tank.