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

ZX-10R (06-07) Full Exhaust System Instructions

The Brock's Performance full exhaust system for the Kawasaki ZX-10R is a high-performance full exhaust system that replaces the OEM muffler, catalytic converter, and head pipes.

CHECK PACKAGE CONTENTS

1. Four (4) Mounting Flanges (Installed in Head Pipes)
2. One (1) Left Head Pipe (Cylinders 1 & 2)
3. One (1) Right Head Pipe (Cylinders 3 & 4)
4. One (1) Collector
5. One (1) Alien Head Muffler
6. One (1) Package Containing Hardware
7. One (1) Instruction Package

If your package contents differ, please contact Brock's Performance at 937-912-0054.

For additional installation support please refer to the OEM service manual.

PRE-ASSEMBLE HEAD PIPES AND COLLECTOR

Before installing the performance exhaust system, preassemble all components to check fitment. A slight ovaling of the exhaust tubing can occur during production; this is normal. Apply WD-40® to the pipe joints to ease assembly, adjustment, and disassembly.

REMOVE BODYWORK

Remove body work by removing fasteners. Start with all of the Allen Head bolts, then the plastic fasteners on the front and bottom of bike (behind the front tire). Start at the bottom and work up. After the bottom is loose, lift up on the bottom almost like a "wing" to remove the top. Be very careful not to break any tabs off while doing this. Once either side is off continue in the same fashion to the other side. The seat and tail section will need to be removed to access the muffler mounts and exhaust valve control. Remove the side covers below the seat and then remove the seat. Remove the plastic fasteners and screws from the tail section. Lift the tail section up to disconnect it, set it forward on the frame to access the muffler mounting bolts. It is not necessary to disconnect the wiring of the tail lights.

REMOVE THE MUFFLERS

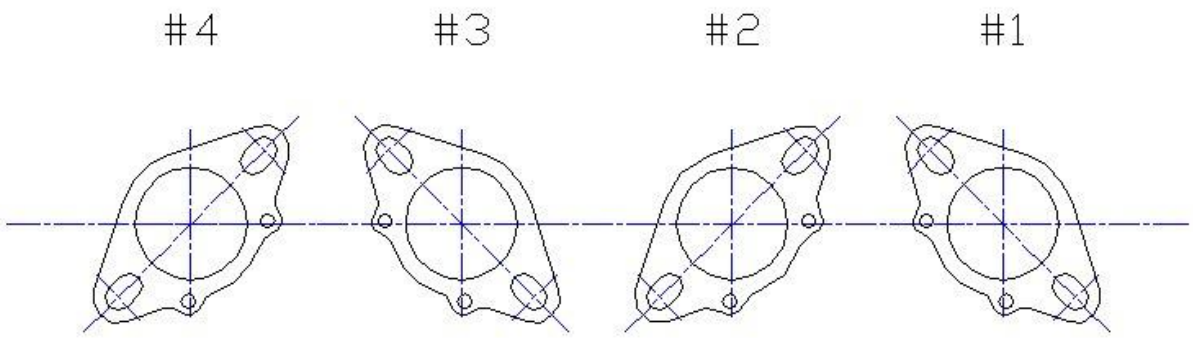
Remove the three (3) bolts securing the swingarm lower cover. Loosen the clamp bolts for the left muffler and middle pipe. The clamp bolts only needs to be loosened not removed. Remove the four (4) mounting nuts and one (1) bolt from each muffler and remove mufflers. Slide the rear exhaust pipe from middle pipe. Disconnect the exhaust butterfly valve cables from the motor pulley by loosening cable adjusters and releasing the cable ends from the pulley (located under the seat). Remove the bolt holding the middle pipe to the frame and slide the middle pipe with cables from the front pipe.

REMOVE THE HEAD PIPES

Remove the lower radiator mounting bolt. Gently push the radiator forward to make room for the removal of the head pipes. Remove all eight (8) of the nuts holding the four primaries to the head and remove head pipes. *Be careful not to hit the flanges of the pipes on the radiator,* placing a piece of cardboard between the head pipes and the radiator will help in this area for protection. Check to make sure the exhaust gaskets are still in the head, do not remove, these will be reused.

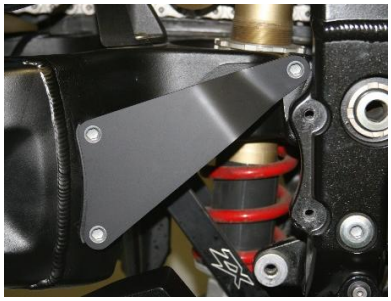
INSTALL FLANGES

Remove the flanges from the head pipes. Using the eight (8) nuts from the original 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 and tighten flanges to 10-15 ft-lbs to promote a proper seal.



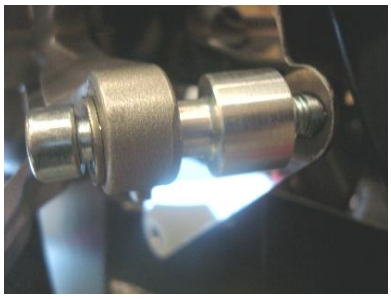
INSTALL HEAD PIPES

Apply a small amount of Permatex Ultra Copper to inside of the header pipes. Install the head pipes onto the flanges while making sure not to hit the radiator and oil cooler. After one side of the primaries are 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.



INSTALL COLLECTOR

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



INSTALL SWINGARM LOWER COVER

Remove the right foot peg assembly from the frame. Install the supplied cover plate to the swingarm using the bolts removed from the original cover.

INSTALL MUFFLER BRACKET

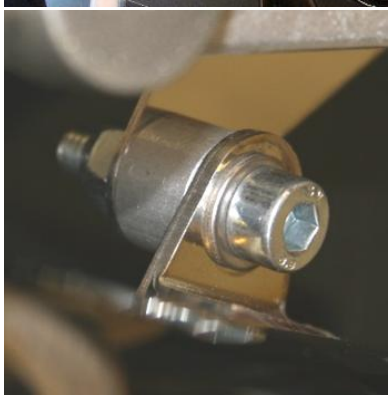
Replace the two (2) bolts that secure the right foot peg to the frame with the supplied longer bolts and washers. Slide the spacers and bracket onto the bolts and install onto frame. *Make sure the small end of the spacers are inserted into the foot peg bracket.*

INSTALL MUFFLER

Install the Alien Head Muffler by using the supplied spacer, bolt, washers, nut, and springs. The tab on the Alien Head is in front of the mounting bracket with the spacer between them. Re-check all fasteners of system to make sure everything is tightened properly.

CLEAN SYSTEM OF FINGER PRINTS

With any exhaust system 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 MOUNT

Install the lower radiator bracket bolt that was removed earlier and tighten.

INSTALL BODYWORK AND CHECK CLEARANCE

The lower bodywork next to the collector pipe will need to be trimmed. Cut small amounts from the plastic until the desired clearance is achieved. Replace all bodywork and check clearance. *Bodywork must be at lease ¼ inch (6mm) from any part of the exhaust system.* Brock's Performance does not warrant burned plastic.

ADDITIONAL

Block off PAIR valve. Follow supplemental PAIR instructions. (PAIR Block Plates are available for this model)

Note: If the bike is equipped with a fuel tuned ECU or Dynojet PCV, removal of the OEM oxygen sensor is required for optimum performance. Block off plugs are included.

DO NOT START BIKE UNTIL A MINIMUM OF A ¼-INCH (6 MM) CLEARANCE IS OBSERVED BETWEEN THE EXHAUST COMPONENTS AND ALL BODYWORK/PARTS.

- Failure to ensure proper clearance may result in burned plastic. Brock's Performance exhaust systems are designed to provide appropriate clearances. If minimum clearances are not obtained, remove the springs on the exhaust system and adjust until proper clearance is achieved.
- It is recommended that the entire exhaust system is wiped down with **rubbing alcohol** to remove oil and fingerprints before starting the bike. This will help prevent tarnishing of the finish after the bike has been started and the exhaust has heated up.
- **Fender eliminator kits are recommended on some models; see BrocksPerformance.com for more details.**

Warranty Info: The PAIR system must be blocked off in order to prevent premature exhaust failure. Please refer to the PAIR Block Off Cap instructions. They can be found at blog.brocksperformance.com/instructions

Congratulations! Installation is complete.

ALL BROCK'S PERFORMANCE PRODUCTS ARE DESIGNED FOR CLOSED-COURSE RACETRACK USE ONLY!

For more information on Brock's Performance Warranty and Terms and Conditions:
BrocksPerformance.com > Brock's Support > Customer Service > Terms and Conditions
For Questions and Comments:
BrocksPerformance.com > Brock's Support > Customer Service > Contact us or call 937-912-0054