



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

## INSTALLATION INSTRUCTIONS FOR BROCK'S PERFORMANCE NINJA H2 (2015) ALIEN HEAD 2, SHORTMEG 2 OR SLASH-CUT FULL EXHAUST SYSTEM

The Alien Head 2, ShortMeg 2 or Slash-Cut for the Ninja H2 (2015) is a high performance 4-2-1 exhaust system that replaces the OEM head pipes, catalytic converter, and muffler.

### Step 1: Check Package Contents:

The Alien Head 2, ShortMeg 2 or Slash-Cut Full System is shown (Figure 1).

#### The Package Contents Include:

1. One (1) Right Side Head Pipe
2. One (1) Left Side Head Pipe
3. One (1) Secondary Collector
4. One (1) Alien Head 2, ShortMeg 2 or Slash-Cut Muffler
5. Package Containing Springs, Spring Puller, Muffler-Mounting Bracket, and Hardware
6. Four (4) New OEM Exhaust Gaskets  
OEM Part Number: 11061-0951
7. One (1) Packet Containing Instructions and Supplemental Information

FIG 1



If your package contents differ, please contact Brock's Performance.

**Note: A slight ovaling of the tubing can occur during the manufacturing process; this is normal. A twisting motion may be required during assembly/disassembly.**

### Step 2: Pre-Assemble Head Pipes and Collector to Ensure a Proper Fit

**Between All Parts:** The pre-assembled system is shown in (Figure 2). Pre-assembly helps to ensure that all components fit properly. Apply WD-40® to the pipe joints to ease assembly, adjustment, and especially disassembly.

FIG 2



**Caution: During all the steps below, the fairings should remove with ease. If you feel resistance, stop and assess the situation before continuing.**

**For additional support please refer to the OEM service manual. It can be found here:**  
[BrocksPerformance.com](http://BrocksPerformance.com) > [Customer Service](#) > [Installation Instructions](#) > [Ninja H2 Service Manual](#)

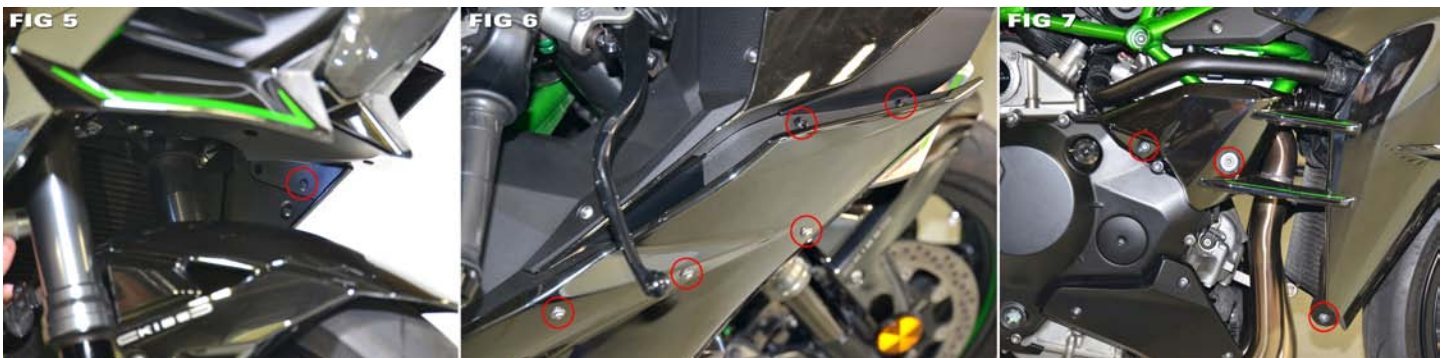
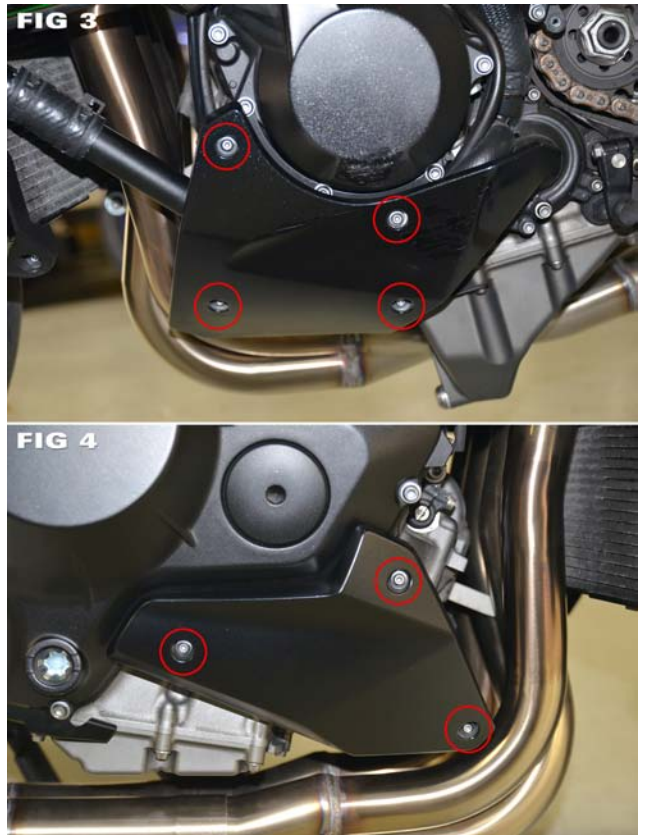
**Step 3: Remove the Lower Fairings:** Remove the (4x) bolts holding the left lower fairing in place (Figure 3). The right side has three (3x) bolts and washers that will be removed (Figure 4). The lowest forward bolt attaches to the fairing rod, carefully remove this bolt while holding onto the fairing and support rod.

**Step 4: Remove the Middle Fairings:** Both fairings require the removal of one quick rivet, which are located in the same spot on opposite sides (Figure 5). Remove the black M5 bolts (2x) and M5 bolts/washers (3x) on both sides (Figure 6). Remove the M5 bolt (1x), M5 bolt/washer and M6 bolt/washer on each side (Figure 7). On the left side of the bike, disconnect the regulator/rectifier plugs while removing the fairing. On the right side, disconnect the radiator overflow hose as you remove the left side fairing.

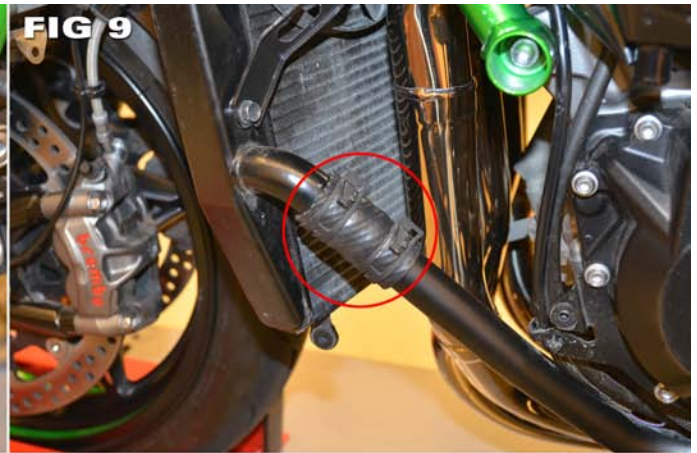
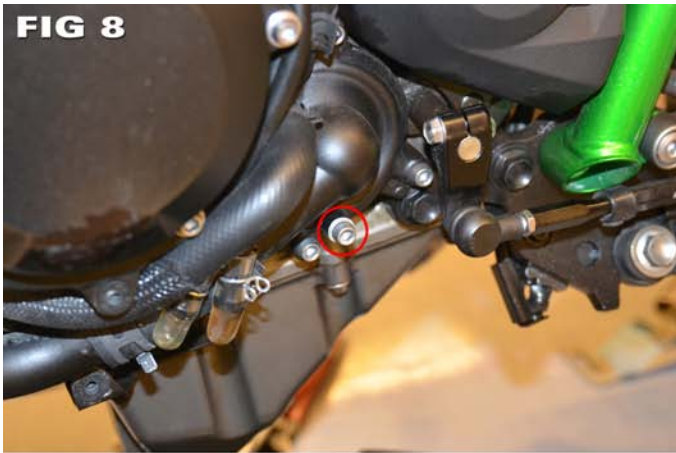
**Note: We highly recommend taping cardboard on each side of the radiator, to prevent damaging the fragile fins during removal/installation.**

**Step 5: Radiator Removal:** First, remove the radiator cap. Next, locate the drain bolt on the water pump (Figure 8) and remove this bolt to drain coolant into a clean catch can/pan for reuse later, if desired. Locate the lower radiator bracket bolt and remove. Remove the clamps from the left hand lower radiator hose (keep your drain pan nearby to catch any coolant) and remove hose from radiator (Figure 9). Repeat the process on the right hand side for the upper radiator hose. Also remove the overflow hose from the radiator at the same time (Figure 10).

Locate the top two radiator mounting bolts and remove each side. As you lower down the radiator (having assistance on this step will make it easier), unplug both fans and unbolt the top plastic radiator cover from the radiator (Figure 11). Continue to lower the radiator and carefully remove it from bike.







**Step 6: Muffler Removal:** Remove the top bolt shown in (Figure 12) and slide top heat shield forward to remove. Remove the lower bolts in (Figure 12) and slide the lower heat shield backwards to remove. Next, loosen the clamp attaching the muffler to the catalytic converter, then remove the muffler-mounting bolt and slide the muffler backwards to extract.

**Step 7: Servo Cables & Oxygen Sensor:** Remove the two bolts with washers that hold the exhaust butterfly cover over the cables. Once this is removed, loosen the locknuts that hold the cables in place and remove the cables from the exhaust. Cables are not used with full exhaust system. Cable-tie in a secure location or remove cables from servo under tank if desired. Remove the oxygen sensor from the head pipes. The oxygen sensor is not used as part of the Brock's package and can be removed if you have the Brock ECU flash. See service manual for servo cable and O2 sensor removal.

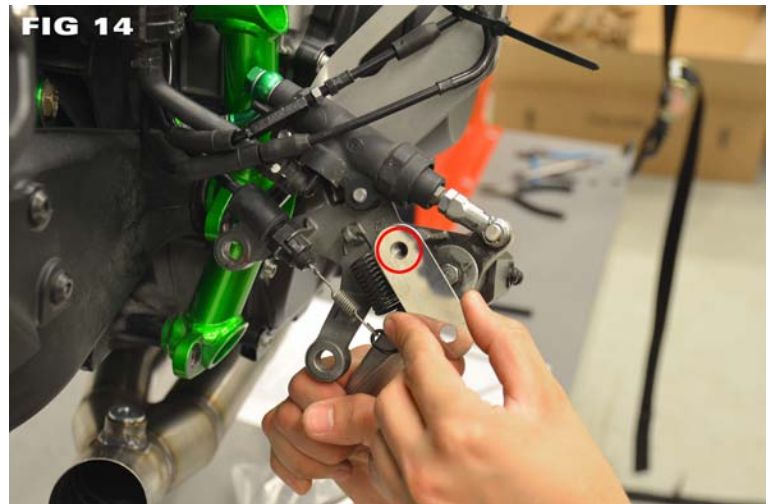


**Step 8: Head Pipe Removal:** Loosen the nut/bolt securing the catalytic converter shown in (Figure 13). Remove all of the head pipe nuts (two on each header), remove the nut/bolt and carefully pull the exhaust system forward. Once free of the head studs, you can lower and remove the exhaust. (Careful, it's heavy!)

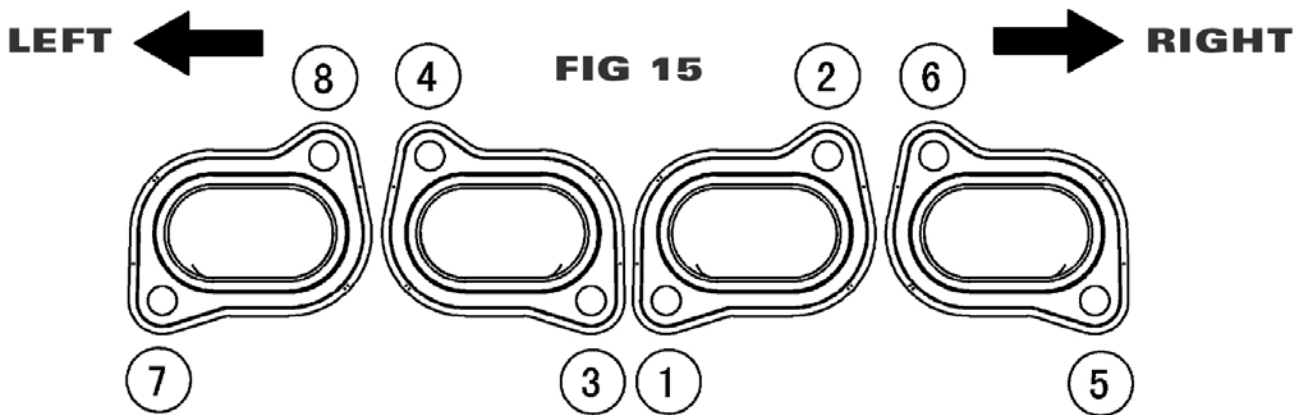
**Step 9: Replace Exhaust Gaskets:** Your Brock's Performance Full Exhaust system comes with four (4x) new OEM **one time use** exhaust gaskets. This step is very important in making sure your exhaust properly seals. Remove the old exhaust gaskets and discard. Applying grease to the new exhaust gaskets will help hold them in the exhaust ports. **Failure to replace these gaskets WILL result in an EXHAUST LEAK.**

**Step 10: Install Head Pipes and Collector:** Install the right side head pipe and left side head pipe of your Brock's Performance full system. Tighten the exhaust nuts finger tight and install the secondary collector onto the head pipes using the supplied springs.

**Step 11: Muffler Mounting Bracket:** Remove the two bolts attaching the OEM brake side rearset. Flip the rearset over to expose the unused M8 threaded hole pictured (Figure 14.) Use the supplied M8 x 16mm hex head bolt, washer and bracket. Attach the muffler-mounting bracket to the backside of the rearset. Reinstall the rearset and tighten to 25 N-m (18 ft-lb). Loctite® Blue is recommended on all bolts.



**Step 12: Install the Muffler:** Install the muffler onto the secondary collector. Adjust as necessary to ensure that the muffler tab aligns with the muffler-mounting bracket. Using the supplied M8 x 16mm Allen head bolt, washers and nut, mount the muffler into place and attach the supplied spring from the muffler to collector. **Inspect rear brake lever for full movement.** Wiggle the muffler and collector to make sure all is properly seated, and then tighten the mounting bolt.



**Step 13: Torque Exhaust Flange Nuts:** Following the tightening sequence found in Figure 15, torque the exhaust flange nuts to 17 N-m (13 ft-lb).

**Step 14: Reinstall Radiator:** Now that the exhaust system has been installed proceed to reinstall the radiator. Installation will be in the reverse order of disassembly. Make sure you refill the system with coolant once it has been installed.



**Caution: Failing to follow the steps below may result in damage to your bike!**

**DO NOT START BIKE UNTIL YOU HAVE ENSURED A MINIMUM ¼-INCH CLEARANCE 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 be 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 required on some models see BrocksPerformance.com for more details.**



**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: [www.BrocksPerformance.com](http://www.BrocksPerformance.com)  
> About Us > Terms and Conditions

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or call the Tech Line 937-912-0054