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HONDA GROM/MSX125 (16-20) ALIEN HEAD 2 / SHORTMEG 2 FULL SYSTEM INSTALLATION INSTRUCTIONS

The Alien Head 2 / ShortMeg 2 Full System for the Honda Grom/MSX125 is a high performance full exhaust that replaces the OEM muffler, catalytic converter, and head pipe.

Check Package Contents:

The Package Contents Include:

1. One (1) Alien Head 2 or ShortMeg 2 Muffler
2. One (1) Head Pipe (Primary)
3. One (1) Head Pipe Flange
4. One (1) Package Containing Springs, Spring Puller and Mounting Hardware
5. One (1) Packet Containing Instructions and Supplemental Information

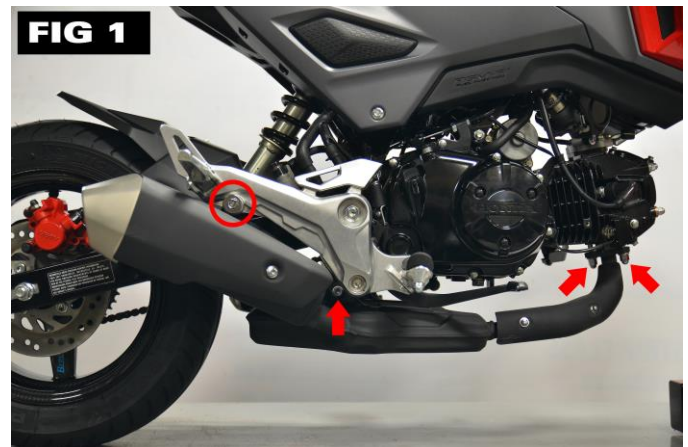


If your package contents differ, please contact Brock's Performance at 937-912-0054.

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

Removal:

1. Support underside of exhaust and remove (2) rear catalytic converter mounting bolts (*Fig 1*). (*Second bolt is in the same location on opposite side*)
2. Remove (2) head pipe flange nuts (*Fig 1*).
3. Remove OEM muffler-mounting bolt/nut from muffler (*Fig 1*) (*Muffler-mounting bolt/nut will be reused*).
4. Remove OEM full exhaust system from the bike. (*Note exhaust gasket orientation during removal*)

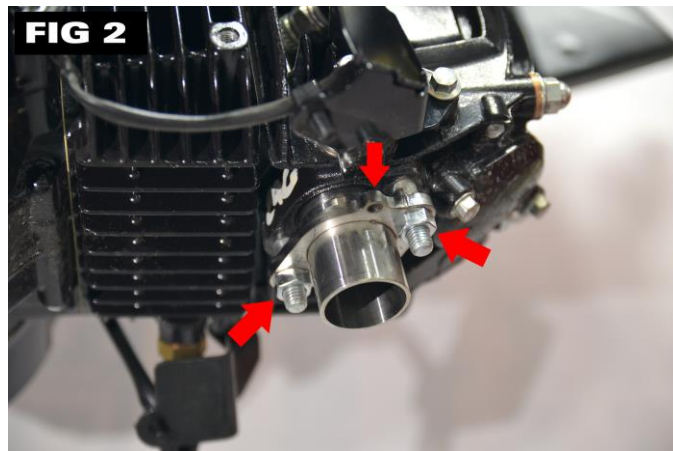


Installation:

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.

1. Install head pipe flange with the OEM exhaust gasket using (2) supplied head pipe nuts hand tight. *(Spring tab faces towards the front of bike) (Fig 2)*
2. Install head pipe onto head pipe flange *(Fig 3)*.
3. Install muffler onto head pipe *(Fig 3)*.
4. Install OEM muffler-mounting bolt/nut to secure muffler to right side footpeg. *(Hand-tighten only) (Fig 3)*
5. Install (2) springs from head pipe to head pipe flange and from head pipe to muffler.
6. Wiggle the entire system to ensure proper seating
7. Torque (2) head pipe nuts to 10.8 lb-ft (14.7 N·m)
8. Torque muffler-mounting bolt to 15 lb-ft (20 N·m)
9. Use rubbing alcohol to wipe down the entire exhaust system to remove fingerprints.

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.



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

DO NOT START BIKE UNTIL A MINIMUM OF A 1/4-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.**

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