

EXY-13R1-CE

Cat-Eliminator Link Yamaha R1 (2009-2013)

PARTS LIST

- | | |
|---------------------------|---|
| • Cat-Eliminator Assembly | 1 |
| • 10mm Bung | 1 |
| • 18mm Bung | 1 |

**<<<<INSTALLATION OF THIS PRODUCT SHOULD BE PERFORMED BY A QUALIFIED TECHNICIAN >>>>
<<<<<<PLEASE READ INSTRUCTIONS CAREFULLY BEFORE BEGINNING INSTALLATION >>>>>>**

- 1) Remove the passenger seat with your key, including disconnecting the cable. Remove the main seat (2 bolts) and the tail fairing (1 bolt and 4 pop pins) to access the muffler bolts.
- 2) Remove the right foot peg bolts (2 bolts), to access the stock cat. mid-pipe (can leave all lines attached and allow to hang).
- 3) Loosen both hose clamps on the right and left side mid-pipes.
- 4) Remove one muffler hanger bolt at a time under the passenger seat to remove the stock mufflers, save for re-installation.
- 5) Remove bolt in the frame holding the stock cat. mid-pipe, save for re-installation.
- 6) Un-screw the stock lambda sensor.
- 7) Remove pipe clamp at the base and slide off the stock cat. mid-pipe. Keep clamp and gasket for re-installation.
- 8) Re-route the lambda sensor behind the frame support (PHOTO 1).

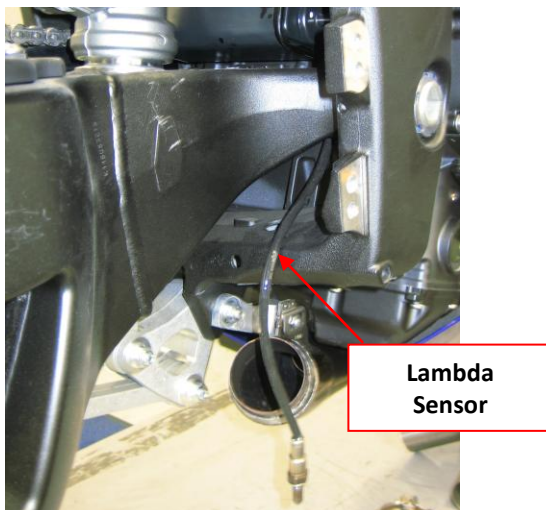


PHOTO 1

- 9) Remove bracket from stock catalytic mid-pipe and install on the Cat-Eliminator pipe (PHOTO 2).

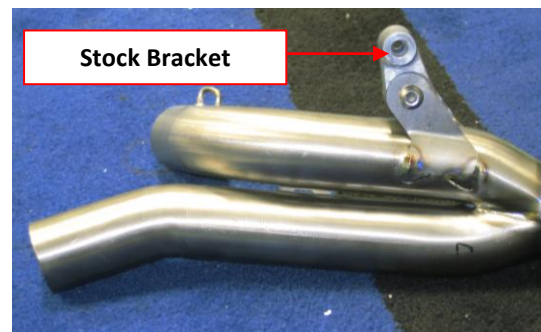


PHOTO 2

- 10) Slide GRAVES Cat-Elim. Assembly in to stock or GRAVES head pipe collector with stock gaskets and pipe clamp. Screw in the stock lambda sensor. Re-install and hand tighten the mounting bolt in frame for support, keep loose for alignment.
- 11) Hand tighten the pipe clamp in place, leaving loose enough to allow for adjustment if needed when installing the mufflers (PHOTO 3).

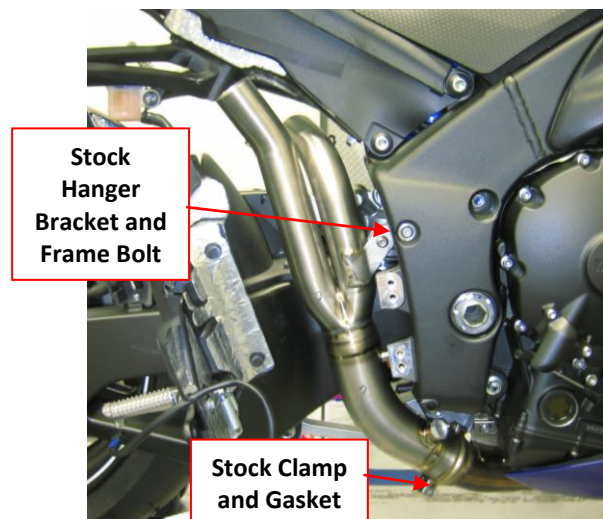


PHOTO 3

- 12) Install mufflers (GRAVES Cat-Back Exhaust Link or Stock) by sliding into the Cat-Elim. Mid-pipe and hand tighten the hanger bolt under the passenger seat.
- For GRAVES Cat-Back Exhaust Link: Install spring with spring hook.
 - For Stock mufflers: Tighten the pipe clamp on the stock mufflers, but allow enough looseness for adjustment (PHOTO 4).

**PHOTO 4**

- 13) Make sure everything is aligned and fitting snug.
- 14) Tighten all clamps to 9 ft. lbs. / 12Nm.
- 15) Torque the hanger bolt in the frame to 12 ft. lbs. / 16Nm.
- 16) Torque both hanger mount bolts for mufflers to 14 ft. lbs. / 20Nm.
- 17) Re-install right side rear set, tall, section, passenger seat, and rider seat.
- 18) Before starting the motorcycle, check for proper clearances and wipe all fingerprints off pipes and mufflers.

Please Note – if using a Dynojet Power Commander *and* Auto Tune, you will be required to use both the stock O² sensor and the Dynojet sensor.



*This Kit works best when paired with the **GRAVES Exhaust Inserts, GRAVES Cat-Back Exhaust Link, and GRAVES Head Pipe Link.** Also available at www.GRAVESPORT.com!*

