

EXY-13R1-

Head Pipe Link Yamaha R1 (2009-2013)

PARTS LIST

- | | |
|--|----|
| • Head Pipes Group 1 (Head Pipes #1, #2, and Left Collector) | 1 |
| • Header Pipes Group 2 (Head Pipes # 3, #4, and Right Collector) | 1 |
| • Mid-pipe | 1 |
| • Graves Exhaust Springs | 10 |

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

NOTE: If installing this link alone, without any of the other GRAVES links, then there is no need to remove anything other than what is in these instructions. If installing any other GRAVES links along with this link, start with the removal instructions outlined on either the GRAVES *Cat-Back Exhaust Link* or the *Cat-Eliminator Link*.

- 1) Remove the left and right side fairings.
- 2) Remove the lower fairings.
- 3) Remove the right and left inner side fairings.
- 4) Loosen the pipe clamp between the stock catalytic converter mid-pipe and the stock head pipes.
- 5) Remove the lower hanger bolt for the radiator, keep for re-installation.
- 6) Remove all the nuts in the stock head pipes, keep for re-installation.
- 7) Slowly remove stock head pipes. Wiggle gently if needed.
 - a. **NOTE:** GRAVES always recommends whenever removing or installing head pipes (new or existing) to replace the gaskets for the head pipes.
 - b. Keep clamp and gasket for re-installation.
 - c. Make sure you have 4 head pipe gaskets (either existing or new) for installation.
- 8) Install head pipe group 1 (includes head pipe #1-left, head pipe #2-center left, and left collector) and hand tighten the nuts leaving a few threads to allow for some adjustment.
 - a. Recommend first taking two springs and hanging them in the flange before installation since holes are hard to access once head pipes are installed. Must be careful to align the flange so the spring can attach to the spring tab correctly (PHOTO 1).
 - b. Make sure the head pipe gaskets were installed.

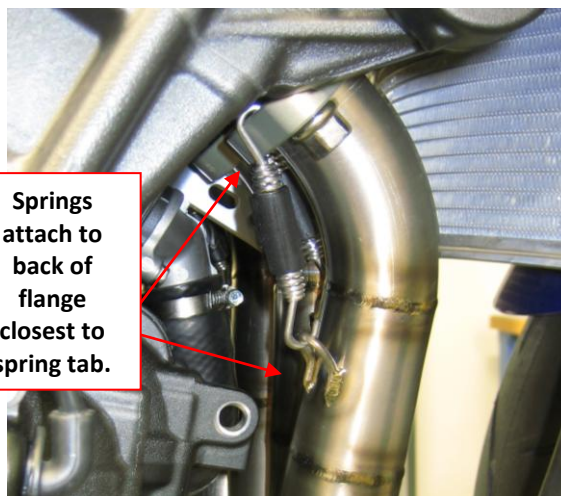


PHOTO 1

- 9) Install head pipe group number 2 the same as group 1.

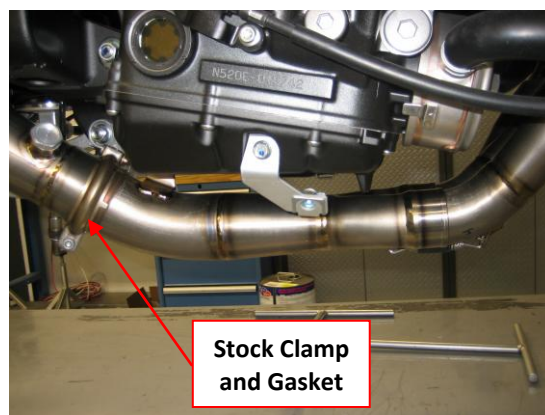


PHOTO 2

- 10) Slide the stock gasket and pipe clamp on to the mid-pipe and install between collectors and catalytic converter mid-pipe (PHOTO 2).

- 11) Make sure everything is aligned and fitting snugly. Once lined up install all springs with a spring hook (PHOTO 3).



PHOTO 3

NOTE: If installing other GRAVES Links, or if other parts of the exhaust were removed, be sure to install all other components before these final steps.

- 12) Tighten clamp to 9 ft. lbs. / 12Nm.
- 13) Torque the header nuts to 14 ft. lbs. / 20Nm.
- 14) Re-install the radiator hanger mount bolt and torque to 17 ft. lbs. / 24Nm.
- 15) Re-install all the fairing panels.
- 16) 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 Cat-Eliminator Link.** Also available at www.GRAVESPORT.com!*

