



EXY-15R1-CETC

Cat-Eliminator Ti/ Carbon Yamaha R1 2015

Parts List

• Carbon Silencer	1	8 x 40 mm Bolt	1
• Cat Eliminator Pipe	1	8 mm Nyloc Nut	1
• Carbon Hanger Strap	1	18mm Lambda Bung & Washer	1
• Silencer Mounting Bracket	1	Spring	1

<<<<< IT IS RECOMMENDED THAT THIS PRODUCT BE INSTALLED BY A QUALIFIED TECHNICIAN >>>>>

- 1) Remove the passenger seat
- 2) Remove the front seat by folding the 2 back corners and removing the 5mm allen head fasteners. **Photo 1.**



Photo 1

- 5) If you are going to leave the exp servo motor in place you will need to remove the cables.

1. Remove the 5mm allen head fastener. **Photo 3.**

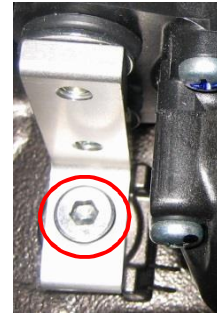


Photo 3

- 3) Remove the center cover between the seats by releasing the Phillips head rivets. **Photo 2.**

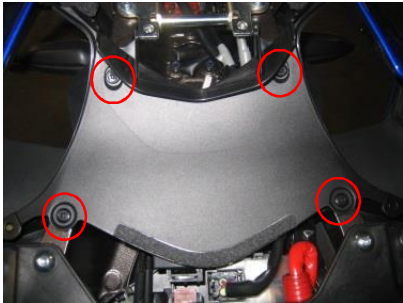


Photo 2

2. Remove the cover for the cable with the 2 phillips screws. **Photo 4.**



Photo 4

- 4) There are 3 options for the exp servo motor.
 1. If you have the Graves FlashTune . the exp motor can be disabled through the FlashTune which allows you to remove the servo motor.
 2. Use the Graves Exup Eliminator (part# ELY-U-EX).
 3. Leave the exp servo motor in and remove the cable only, leaving the motor in place and plugged in.

3. Remove the lower heat shield covering the servo cables at the cat. with the three 4 mm button head allen fasteners.
4. Loosen the cables at the cat. to retain the slack in the cables and carefully pull them out from the bottom
- 6) Remove the lower left heat shield with the two 5mm allen head fasteners
- 7) Repeat the last step for the right heat shield.

*****WARNING*****

One of the 3 options must be performed before turning the key and starting your R1. Otherwise you will trigger the exp servo motor code and potentially lock you out of the dashboard.



- 8) Unplug and remove the left O² sensor. Carefully remove wire.
- 9) The right O² sensor plug is located under the gas tank. In order to prop up your tank, remove the 2 side covers by removing the 4mm button head bolts then slide the cover forward. Remove the three 5mm allen had fasteners. One under each side cover and on top in front of the tank. Lift the front of the tank. Use something to securely prop up the tank. **Photo 6.**



Photo 6

- 10) Locate and unplug the O² sensor. **Photo 7.** Carefully pull the O² sensor wire out.



Photo 7

- 11) Remove the stock muffler at the catalytic converter. Slide the muffler straight back to remove.
- 12) To remove the catalytic converter, loosen the 2 clamps at the head pipe. On the right side locate the two 6mm allen head fasteners to remove. Remove the top mount behind the rear pedal. On the left side there will be one 6mm allen fastener to remove behind the side stand.
- 13) Install the Graves Cat Eliminator pipe to the stock headpipe. Line up the mounting tab on the Graves Cat Eliminator pipe to the stock catalytic converter mount. Attach with the stock fasteners. The stock clamp will not be used.

- 14) Remove the stock muffler mount from the foot peg plate. Remove the stock rubber and inner spacer (take note how the spacer is installed). Install the rubber into the Graves mount. Install the inner spacer in the same direction it was removed from the stock mount. When installing the Graves mount to the foot peg mount you can loosen the 2 . 5mm allen bolts on the brake master to gain hole alignment for the new mount if needed.
- 15) Carefully slide the carbon silencer strap onto the silencer. Slide the silencer onto the cat eliminator pipe. Use the supplied hardware and stock washer when attaching the carbon silencer strap to the foot rest mount. Place the stock washer on the outside of the new mount between the mount and the carbon strap leaving the hardware finger tight **Photo 10.** Install the spring from the silencer to the cat eliminator pipe then tighten the carbon silencer strap.

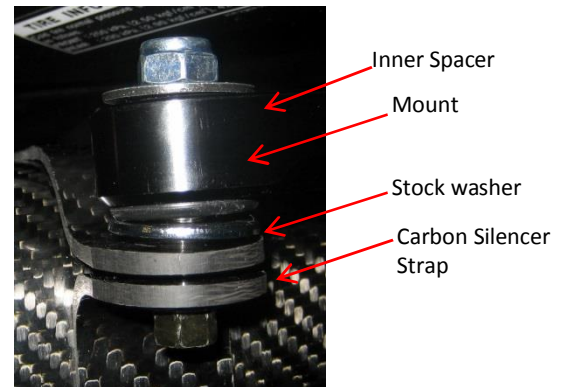


Photo 10

- 16) Reinstall in reverse sequence, the gas tank, heat shields and seats.
- 17) Before starting your R1 make sure to wipe off any dirt or fingerprints from the Graves Cat Eliminator Exhaust System. Failure to do so may cause permanent staining of the system.

NOTE: remapping/flash tuning your motorcycle's ecu will be required to eliminate any O² sensor codes and to ensure proper performance of your motorcycle.

We recommend FTecu Flash Tune www.ftecu.com

Find an authorized dealer near you at:
<http://ftecu.com/flash-tune-dealers/>

Or choose the convenient 2015 R1 mail in ECU flash service found here: <https://ftecu.com/shop/category/r1/>