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## EXY-15R6-FTCW3

## Full Titanium / Carbon Fiber RACING Exhaust System Yamaha R6 (2006-2016)

### PARTS LIST

• Head Pipes (1,2,3,4)	4	Silencer	1
• Collector (Head pipe)	2	O <sup>2</sup> Bung w/ washer (installed)	1
• Collector w/ O <sup>2</sup> Bung (Rear)	1	Spring, 63mm	7

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

- 1) Remove the mid and lower fairing from the motorcycle.
- 2) Remove the Noise Reduction Valve cables from the muffler. Remove the noise reduction valve cable clamp from right side rearset. Remove the muffler from the motorcycle.
- 3) Unscrew O<sup>2</sup> sensor from the exhaust system.
- 4) Remove the exhaust system from motorcycle.
- 5) Remove the bracket holding the rear brake reservoir to the frame.
- 6) Remove the two bolts holding the noise reduction valve motor bracket to the frame. Remove the noise reduction valve motor assembly by pulling it out of the right side of the motorcycle.
- 7) Disconnect the Noise Reduction Valve control cables from the Noise Reduction Valve motor. See the **NOTE** below to prevent getting an O<sup>2</sup> error code.
- 8) Reinstall the rear brake reservoir bracket.
- 9) Install head pipes 1 and 2 as a unit. Install head pipes 3 and 4 as a unit. (They are already put together). **Leave the head pipe bolts finger tight for now.**
- 10) Install the new silencer onto the end of the collector.
- 11) Using the stock bolt install the silencer. **Do not over tighten, leave loose for now.**
- 12) Starting with the head pipes, make sure everything is evenly aligned with proper clearances. Nothing should be binding, if so reinstall the part. Use factory torque spec (20 Nm / 14 ft lbs) for head pipe bolts. **DO NOT OVERTIGHTEN.**
- 13) Check clearances between the collector and the rear suspension linkage.

- 14) Next, in order to settle the system into place, maneuver the silencer back and forth until settled to allow everything to move into place. This will ensure the exhaust is properly seated together.
- 15) Torque (20 Nm / 14 ft lbs) the silencer mount bolt.
- 16) Install all springs starting at the head pipes and working your way back.
- 17) Now reinstall everything onto the motorcycle checking clearances to the bodywork and oil pan. If the system is not installed properly the exhaust may touch the bodywork or oil pan resulting in damage if the motorcycle is started. Reinstall/realign the exhaust system to achieve proper clearances.
- 18) Double check the exhaust system for proper fitment and clearances.
- 19) Reinstall any remaining bodywork that was removed, **DOUBLE CHECK CLEARANCES.**
- 20) Before starting your motorcycle, be sure to clean any finger prints or dirt from your exhaust system. If you don't, the heat from running your motorcycle will stain your exhaust system. Apply a penetrating lubricant (i.e. WD-40 or suitable equivalent) or Rubbing Alcohol to a soft clean rag and wipe down your exhaust system to remove any dirt and fingerprints. Take care not to scratch your system. The heat will burn off the lubricant and create an even bluing effect.
- 21) Start the engine and check again for proper installation and clearance.

**NOTE:** In order to eliminate any O<sup>2</sup> sensor error codes you will need to either install an EXUP Eliminator (Part # ELY-U-EX) or remap %lash+your motorcycle's ecu.

To ensure optimum performance of your motorcycle we recommend:

FTEcu Flash Tune Bench Kit (Part # FT-BNKT1) or  
FTEcu Flash Tune Bike Side Data Link Kit (Part # FT-FTDL3)  
along with the Graves map developed for this exhaust system.

The purchaser releases Graves Motorsports, Inc from all liabilities pertaining to the installation and use of purchased parts. Purchaser recognizes that any alteration and/or modifications to the vehicle may increase the risk of injury or accident. **This product is intended for Closed Course Competition Use Only** and may render the vehicle illegal for use on public roads.