


# Suzuki GSX-R 600 (2006)

## Racing & Evolution Exhaust System

# Akrapovic Racing & Evolution Exhaust System

## for the suzuki GSX-R 600 (2006)

**The Akrapovic Racing and Evolution systems are the flagships of our line. They are designed for riders who want to get the absolute maximum out of their exhaust system. They deliver power and torque increases which experienced riders will be able to turn to their advantage on the track, and also offer top production quality, a renowned brand name and great looks. The Street Legal version comes with a noise damper installed in the muffler.**

### PERFORMANCE

**Measurements of the Akrapovic EVOLUTION system on the SUZUKI GSX-R 600 (without muffler insert):**

Power & Torque: the performance increase with the Akrapovic Racing or Evolution system can be seen clearly from the power and torque curves. The engine responds more quickly even at low revs, and the power increase continues to build up to around 9000 rpm. From there on the increase remains constant up to the top of the range. Max. increased power is 6.9 HP at 9200 rpm.

### CONFIGURATION

The Racing and Evolution systems differ only in the selection of tubing materials. The Racing is made of stainless steel, and the Evolution is made of titanium. Both systems have conical tubes, cylindrical collectors, and a conical link pipe. All of the system components are attached with sleeve joints secured with silicon-shielded springs. The header tubes come with interference crossover tubes, and the systems also include a fitting for attaching a lambda sensor. The HEXAGONAL muffler is definitely the most eye-catching element of the system. It is made of a titanium inlet cap and perforated inner sleeve, while the outlet cap is made of carbon fiber. The outer sleeve is available in either titanium or carbon fiber. The muffler is attached to the frame using an Akrapovic carbon fiber clamp and carbon fiber bracket. The Street Legal version comes with an approved noise damper, and conforms to all regulations for street use. Both systems are available with an optional catalytic converter.

| | PERFORMANCE | | |
|---|---|---|---|
| | **stock** | **AKRAPOVIC** | **max. increased power** |
| **max. rear wheel power HP / rpm** (measured on SuperFlow Cyle Dyn) | 111 / 13800 | 115.6 / 13800 | 6.9 / 9200 |

| | CONFIGURATION | | |
|---|---|---|---|
| | **header tubes** | **collector** | **link pipe** |
| **material** | STAINLESS STEEL (Racing) TITANIUM (Evolution) | STAINLESS STEEL (Racing) TITANIUM (Evolution) | STAINLESS STEEL (Racing) TITANIUM (Evolution) |
| **tube shape** | CONICAL | CYLINDRICAL | CONICAL |

| | | | | |
|---|---|---|---|---|
| **interference crossover tubes** | YES | | **lambda sensor** | YES |
| **header tube inner sleeves** | S.S. CNC MACHINED | | **header tube flanges** | ALU CNC MACHINED |
| **header tubes - collector connection** | SLEEVE JOINT + SILICON SHIELDED SPRING | | **collector / header tube - link pipe connection** | SLEEVE JOINT + SILICON SHIELDED SPRING |
| **link pipe - muffler connection** | SLEEVE JOINT + SILICON SHIELDED SPRING | | **muffler inlet cap /outlet cap** | TITANIUM / CARBON-FIBER |
| **muffler metal interior** | TITANIUM | | **muffler outer sleeve** | TITANIUM / CARBON-FIBER |
| **muffler clamp** | CARBON-FIBER | | **muffler bracket** | CARBON-FIBER |
| **muffler insert** | EU | NOISE DAMPER | **heat shield** | - |
| | US | - | **catalytic converter** | OPTIONAL |

| | ADDITIONAL DATA | | | | |
|---|---|---|---|---|---|
| | **stock** | **AKRAPOVIC** | | **difference** | |
| **weight comparison (kg)** | 9.90 | RACING | EVOLUTION | stock - RACING | stock - EVOLUTION |
| | | 4.93 | 3.69 | 4.97 | 6.21 |

| | | |
|---|---|---|
| **noise measurements (dB / rpm)** | **stock** | **AKRAPOVIC** |
| | 100 / 6750 | 100 / 6750 (Street Legal version)<br>102 / 6750 (open) |
| **possibility of periodic service without removing A.E.S.** | **oil** | **oil filter** |
| | YES | YES |
| **legal for street use** | YES (Street Legal version) | |

**Technical specifications of Akrapovic exhaust systems and related products subject to change without notice.**

Product code: S-S6R6L-ZC, S-S6RL-ZT (racing)
S-S6R6L-HZC, S-S6RL-HZT (racing homologated),
S-S6RFT6TL-ZC, S-S6RFT6TL-ZT (evolution),
S-S6RFT6TL-HZC, S-S6RFT6TL-HZT (evolution homologated)





Akrapovic Exhaust System Technology copyright 2006, all rights reserved

# Akrapovic Racing & Evolution Exhaust System

for the suzuki GSX-R 600 (2006)

Akrapovic Exhaust System Technology copyright 2006, all rights reserved

HEXAGONAL
SHAPED MUFFLER






CARBON-FIBER
MUFFLER CLAMP

Road Program

Product code: S-S6R6L-ZC, S-S6RL-ZT (racing)
S-S6R6L-HZC, S-S6RL-HZT (racing homologated),
S-S6RFT6TL-ZC, S-S6RFT6TL-ZT (evolution),
S-S6RFT6TL-HZC, S-S6RFT6TL-HZT (evolution homologated)

# Akrapovic Racing & Evolution Exhaust System

for the suzuki GSX-R 600 (2006)

Akrapovic Exhaust System Technology copyright 2006, all rights reserved






Product code: S-S6R6L-ZC, S-S6RL-ZT (racing)
S-S6R6L-HZC, S-S6RL-HZT (racing homologated),
S-S6RFT6TL-ZC, S-S6RFT6TL-ZT (evolution),
S-S6RFT6TL-HZC, S-S6RFT6TL-HZT (evolution homologated)

# Akrapovic Racing & Evolution Exhaust System

for the suzuki GSX-R 600 (2006)






Akrapovic Exhaust System Technology copyright 2006, all rights reserved

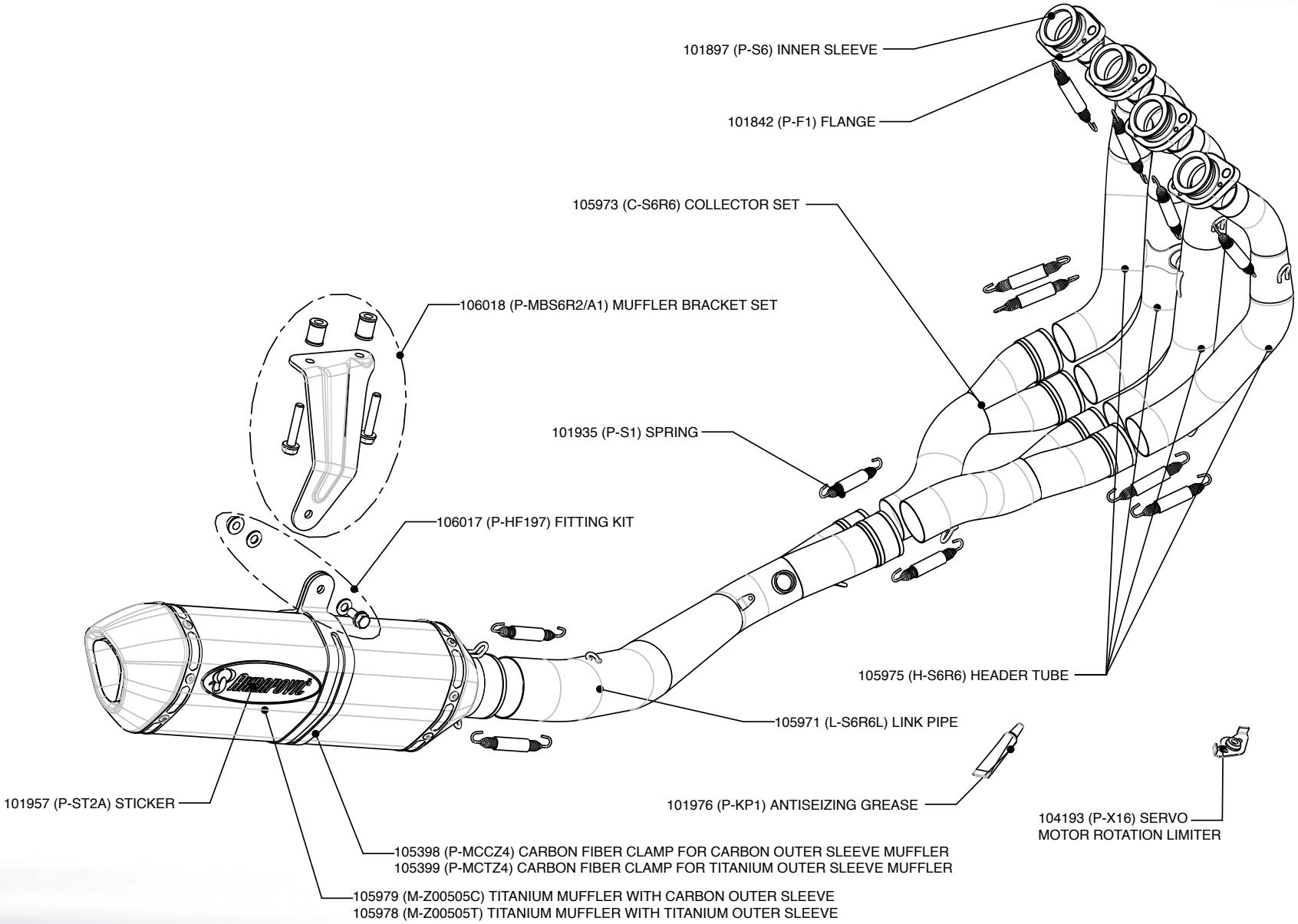


Product code: S-S6R6L-ZC, S-S6RL-ZT (racing)
S-S6R6L-HZC, S-S6RL-HZT (racing homologated),
S-S6RFT6TL-ZC, S-S6RFT6TL-ZT (evolution),
S-S6RFT6TL-HZC, S-S6RFT6TL-HZT (evolution homologated)

# Akrapovic Racing & Evolution Exhaust System

for the suzuki GSX-R 600 (2006)

Akrapovic Exhaust System Technology copyright 2006, all rights reserved



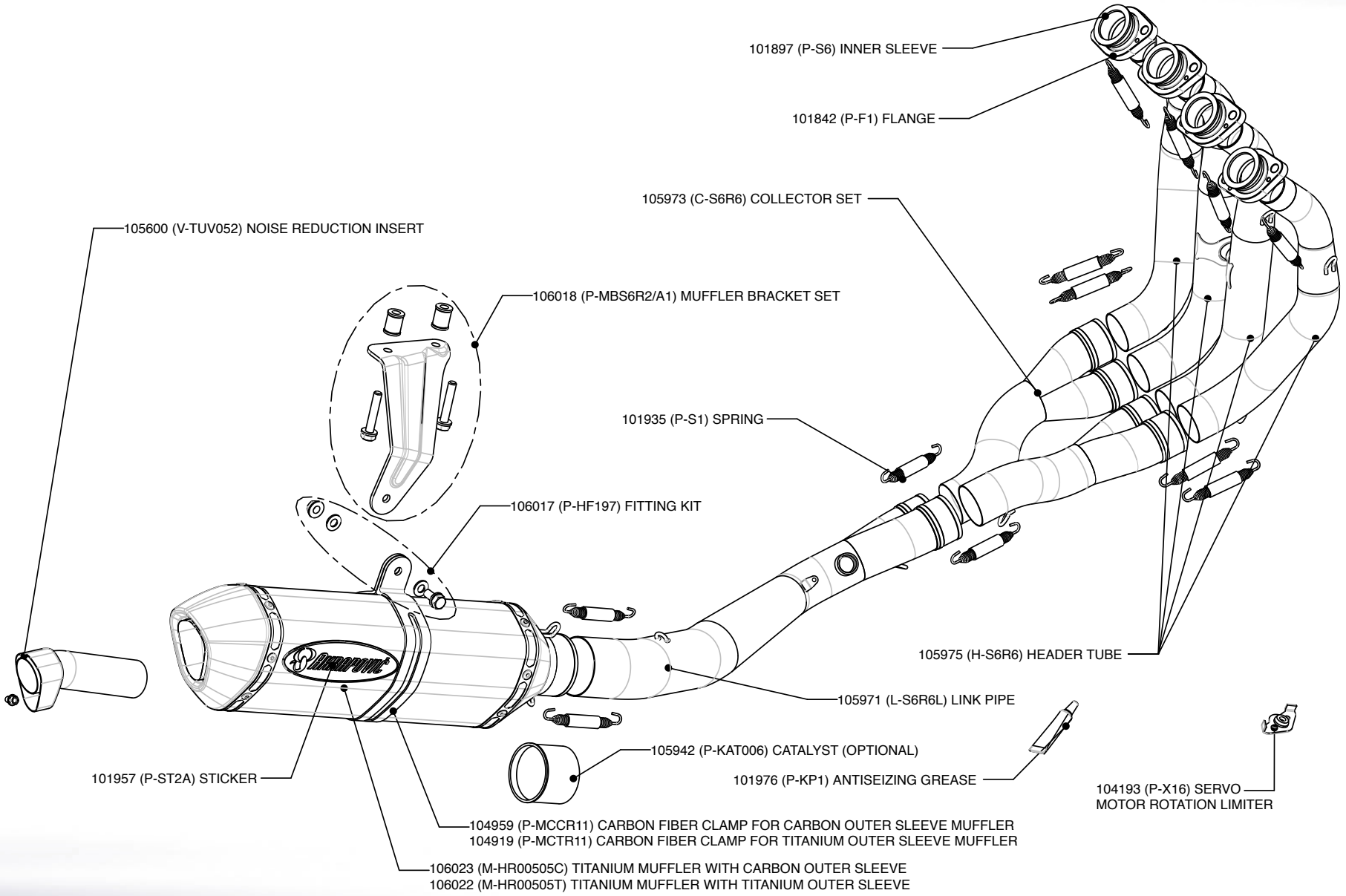

Road Program

Product code: S-S6R6L-ZC, S-S6RL-ZT (racing)

# Akrapovic Racing & Evolution Exhaust System

for the suzuki GSX-R 600 (2006)

Akrapovic Exhaust System Technology copyright 2006, all rights reserved



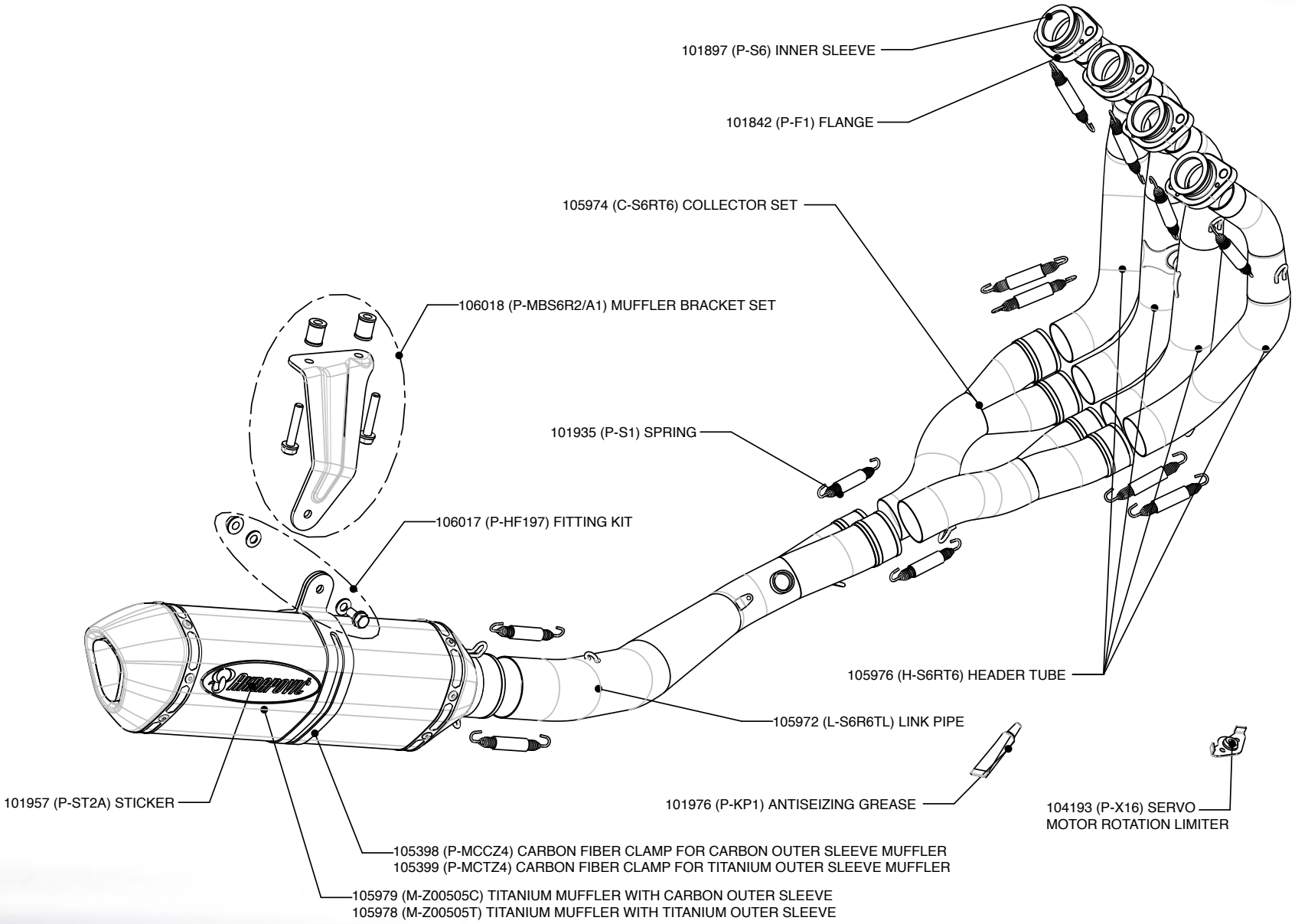



Product code: S-S6R6L-HZC, S-S6RL-HZT (racing homologated),

# Akrapovic Racing & Evolution Exhaust System

for the suzuki GSX-R 600 (2006)

Akrapovic Exhaust System Technology copyright 2006, all rights reserved



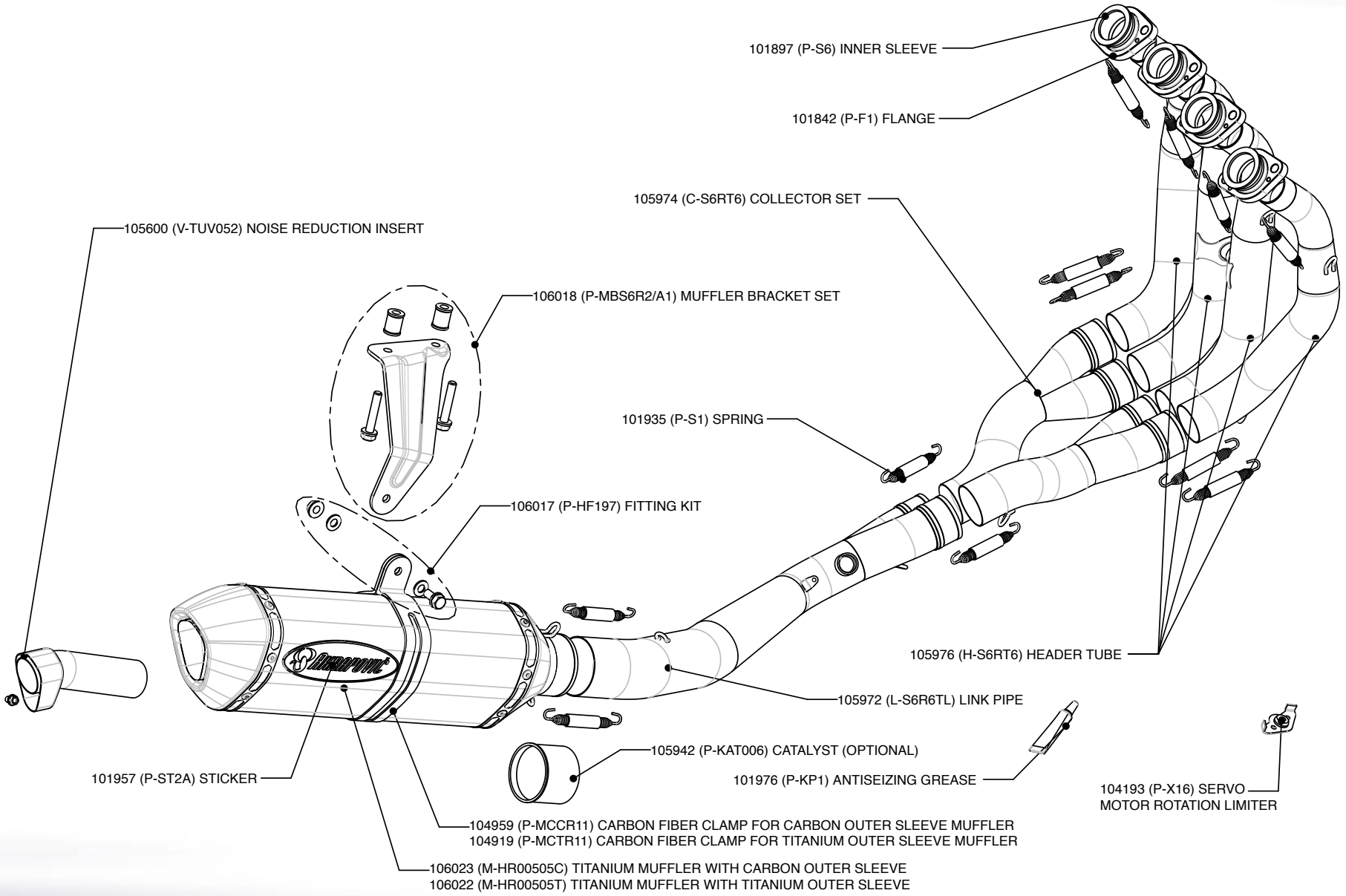



Product code: S-S6RFT6TL-ZC, S-S6RFT6TL-ZT (evolution)

# Akrapovic Racing & Evolution Exhaust System

for the suzuki GSX-R 600 (2006)

Akrapovic Exhaust System Technology copyright 2006, all rights reserved

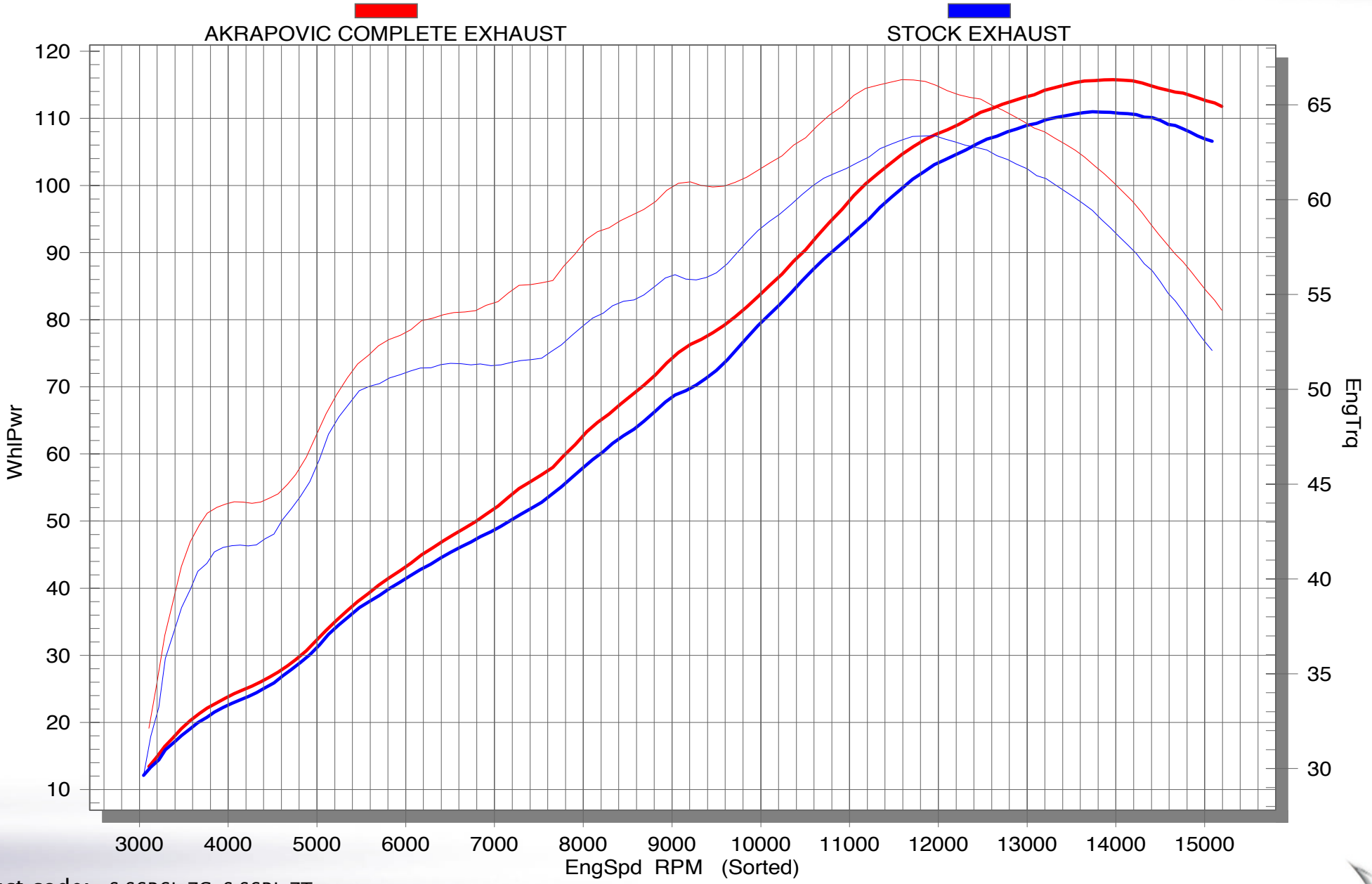



Road Program

Product code: S-S6RFT6TL-HZC, S-S6RFT6TL-HZT (evolution homologated)

# Akrapovic Racing & Evolution Exhaust System

for the suzuki GSX-R 600 (2006)




Akrapovic Exhaust System Technology copyright 2006, all rights reserved

Road

Program

Product code: S-S6R6L-ZC, S-S6RL-ZT (racing)
S-S6R6L-HZC, S-S6RL-HZT (racing homologated),
S-S6RFT6TL-ZC, S-S6RFT6TL-ZT (evolution),
S-S6RFT6TL-HZC, S-S6RFT6TL-HZT (evolution homologated)