



Yamaha FZ1 / FAZER (2006)

Racing & Evolution Exhaust System



Akrapovic Racing & Evolution Exhaust System

for the Yamaha FZ1 / FAZER (2006)

Description

We offer Akrapovic Racing and Evolution systems with a HEXAGONAL muffler to complement the aggressive lines of the Yamaha. The systems differ only in their selection of materials, while both offer the same performance injection guaranteed to satisfy all racing-oriented riders. The Street Legal versions of the systems come with noise dampers and are approved for street use.

PERFORMANCE

Measurements of the Akrapovic EVOLUTION system on the YAMAHA FZ1 (with-out muffler insert):

Power & Torque: the Akrapovic Racing and Evolution systems make the engine massively more responsive, as is clearly visible from the power and torque curves. Both max. power of 146 HP and max. increased power of 10.7 HP were measured at 11200 rpm.

CONFIGURATION

The Akrapovic Racing and Evolution systems are composed of conical header tubes, cylindrical collectors and conical link pipes. They differ only in material selection, with the Racing made out of stainless steel and the Evolution out of titanium. The tubes are attached to each other using sleeve joints secured with silicon-shielded springs. The muffler for both systems is the HEXAGONAL design, with the inlet cap, perforated inner sleeve and outer sleeve made of titanium, with a carbon fiber outlet cap. It is attached to the frame using an Akrapovic carbon fiber clamp. The systems also include a fitting for attaching a lambda sensor. The Street Legal versions include a noise damper installed in the muffler.

	PERFORMANCE		
	stock	AKRAPOVIC	max. increased power
max. rear wheel power HP / rpm (measured on SuperFlow Cycle Dyn)	135.3 / 11200	146 / 11200	10.7 / 11200

	CONFIGURATION		
	header tubes	collector	link pipe
material	TITANIUM (Evolution) STAINLESS STEEL (Racing)	TITANIUM (Evolution) STAINLESS STEEL (Racing)	TITANIUM (Evolution) STAINLESS STEEL (Racing)
tube shape	CONICAL	CYLINDRICAL	CONICAL
interference crossover tubes	NO	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	-
muffler insert	EU	NOISE DAMPER	-
	US	-	catalytic converter

	ADDITIONAL DATA				
weight comparison (kg)	stock	AKRAPOVIC		difference	
	11.10	RACING	EVOLUTION	stock - RACING	stock - EVOLUTION
		5.40	4.10	5.70	7.00
noise measurements (dB / rpm)	stock		AKRAPOVIC		
	95 / 5500		95 / 5500		
possibility of periodic service without removing A.E.S.	oil		oil filter		
	YES		YES		
legal for street use	YES (Street Legal version)				

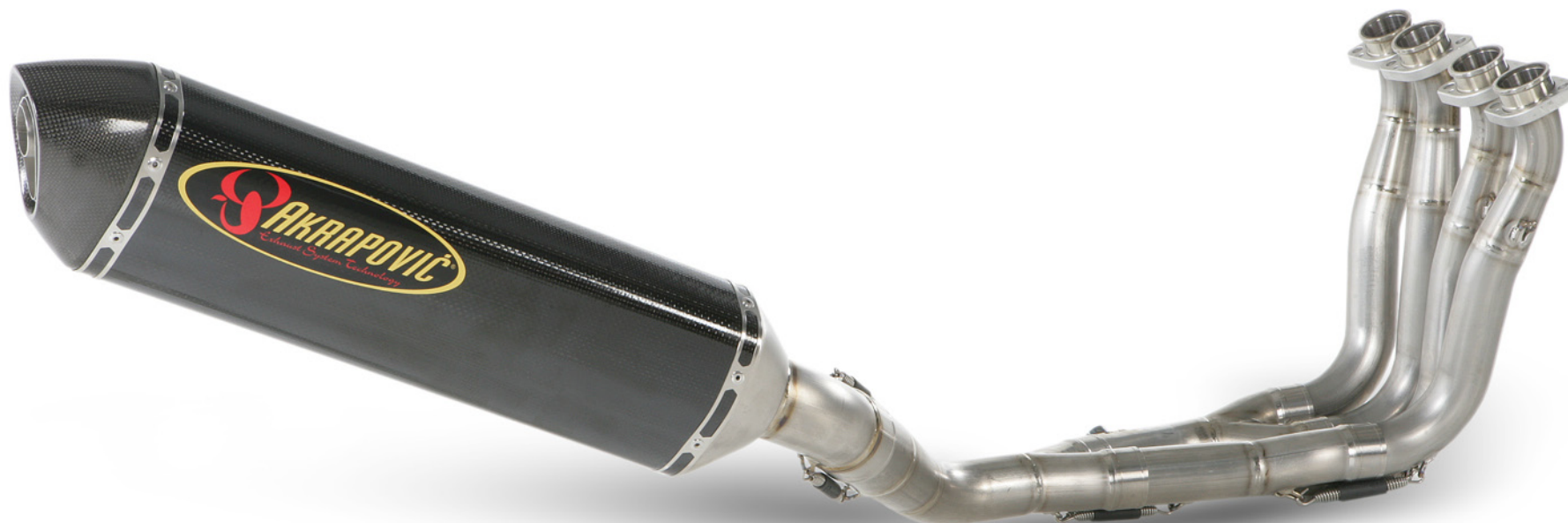
Technical specifications of Akrapovic exhaust systems and related products subject to change without notice.

Product code: S-Y10R7-RC, S-Y10R7-RT (racing), S-Y10R7-HRC, S-Y10R7-HRT (racing homologated)
S-Y10RFT7T-RC, S-Y10RFT7T-RT(evolution), S-Y10RFT7T-HRC, S-Y10RFT7T-HRT (evolution homologated)



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Exhaust Photo



CARBON-FIBER
MUFFLER CLAMP

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Bike Photo

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Road
Program

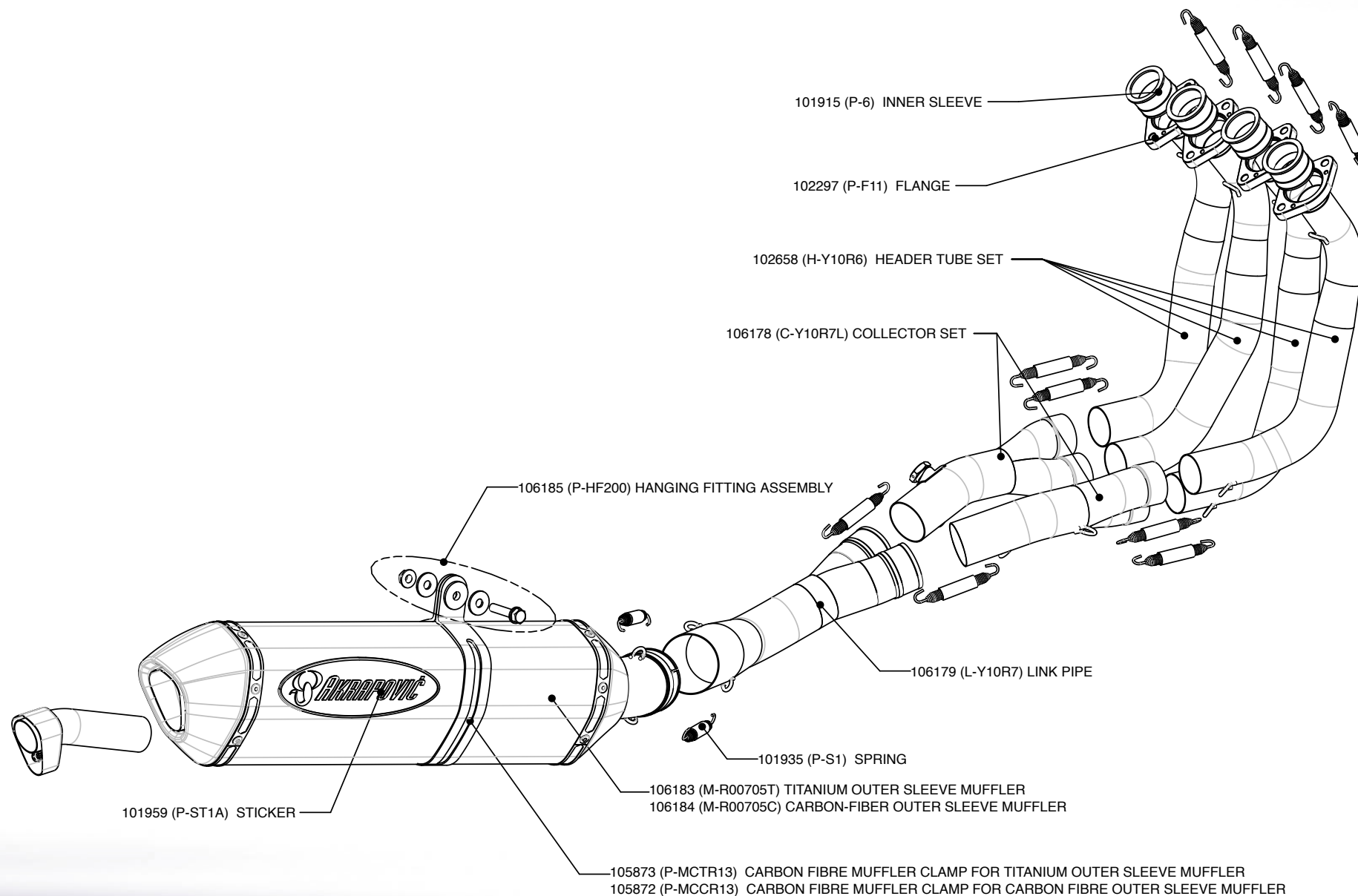
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Schematic



Product code: S-Y10R7-RC, S-Y10R7-RT (racing)

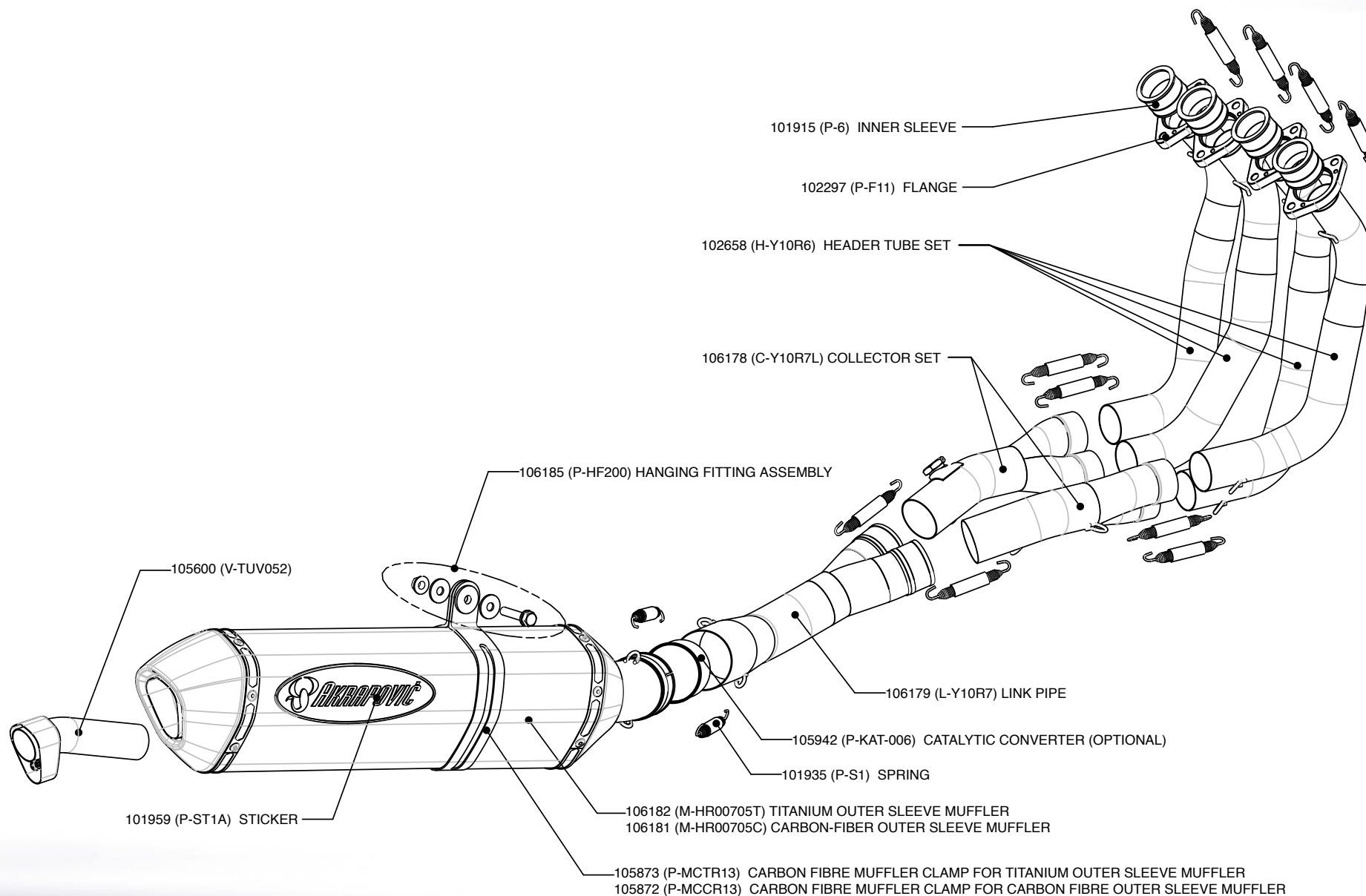


Akrapovic Racing & Evolution Exhaust System

for the Yamaha FZ1 / FAZER (2006)

Schematic

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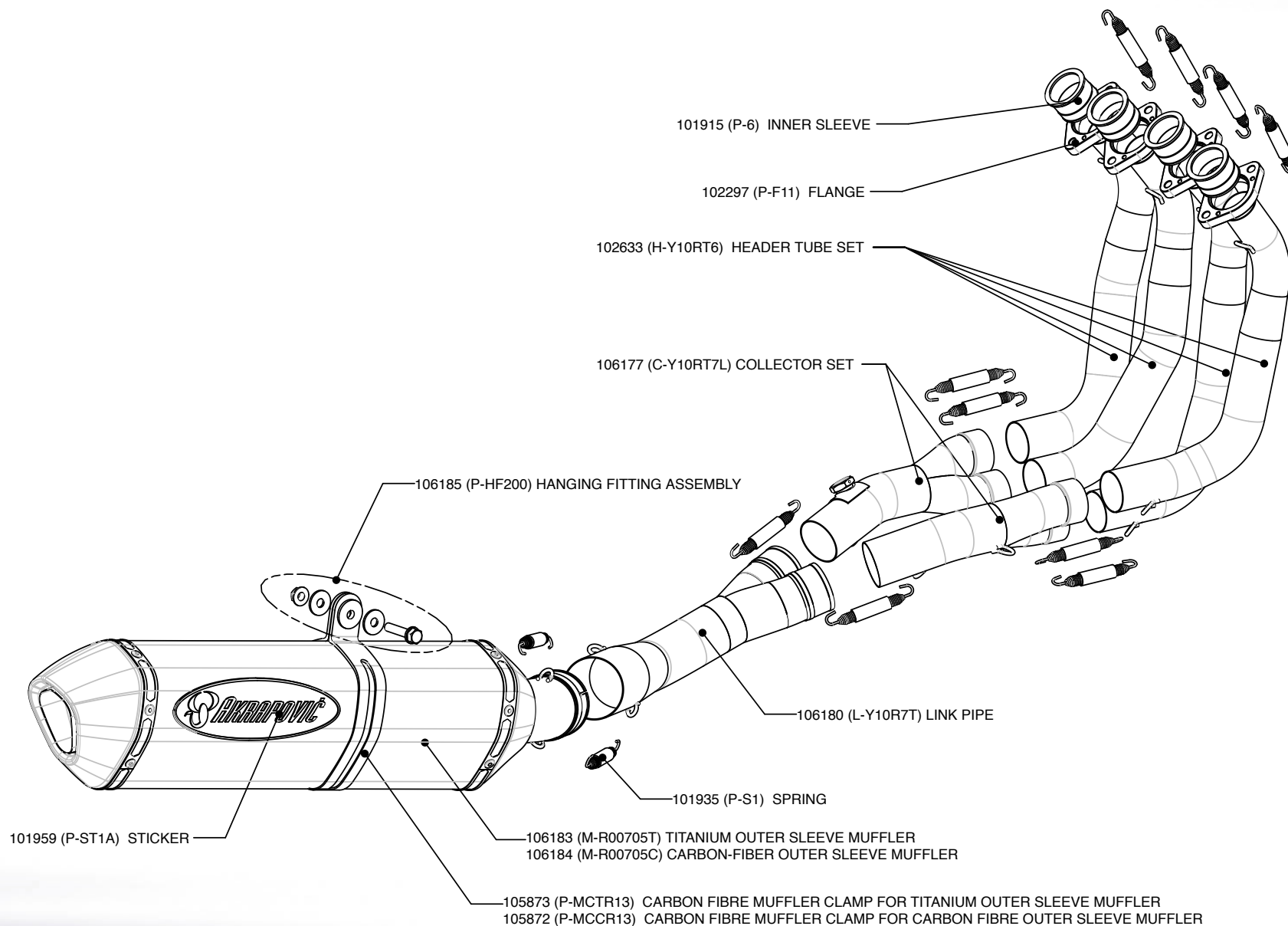
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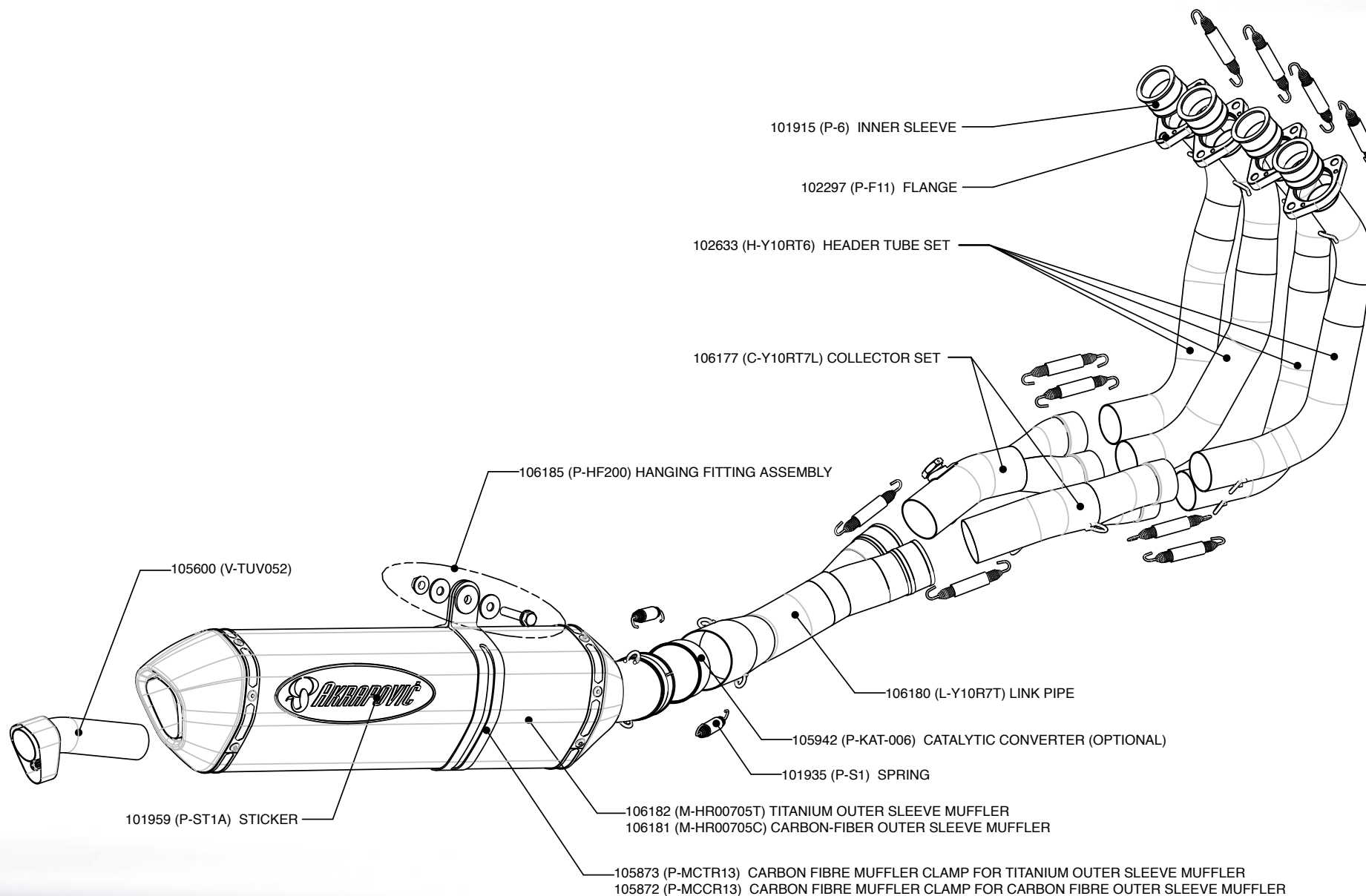


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Schematic

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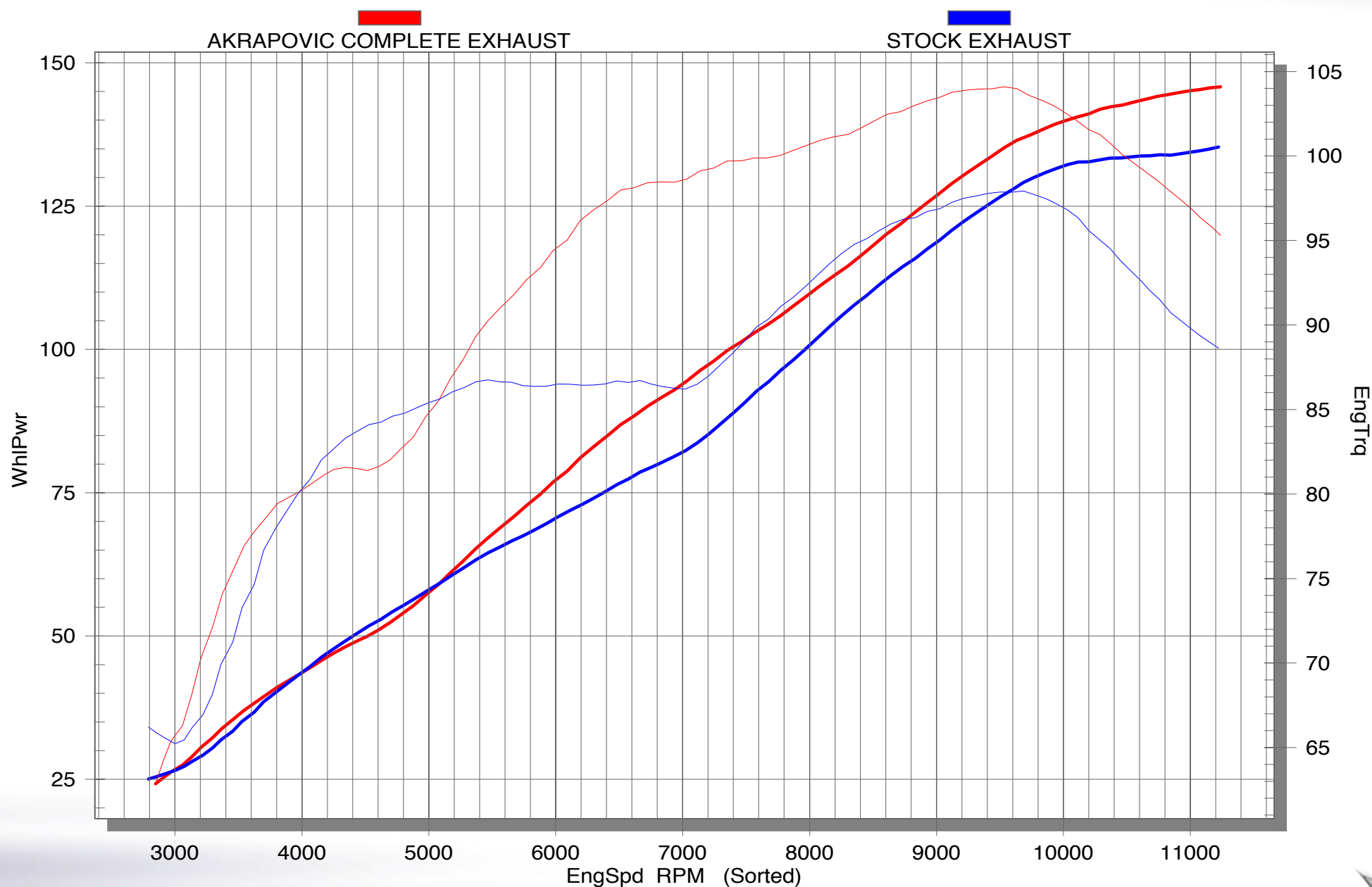
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Diagram / Chart



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