AKRAPOVIČ

YAMAHA FZ1 / FAZER

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RACING & EVOLUTION EXHAUST SYSTEM

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 (without 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 Cyle 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	**heat shield**		-
	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-Y10R8-HRC, S-Y10R8-HRT (racing homologated)
S-Y10RFT7T-RC, S-Y10RFT7T-RT(evolution), S-Y10RFT8T-HRC, S-Y10RFT8T-HRT (evolution homologated)

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Product code: S-Y10R7-RC, S-Y10R7-RT (racing), S-Y10R8-HRC, S-Y10R8-HRT (racing homologated)
S-Y10RFT7T-RC, S-Y10RFT7T-RT(evolution), S-Y10RFT8T-HRC, S-Y10RFT8T-HRT (evolution homologated)

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Product code: S-Y10R7-RC, S-Y10R7-RT (racing), S-Y10R8-HRC, S-Y10R8-HRT (racing homologated)
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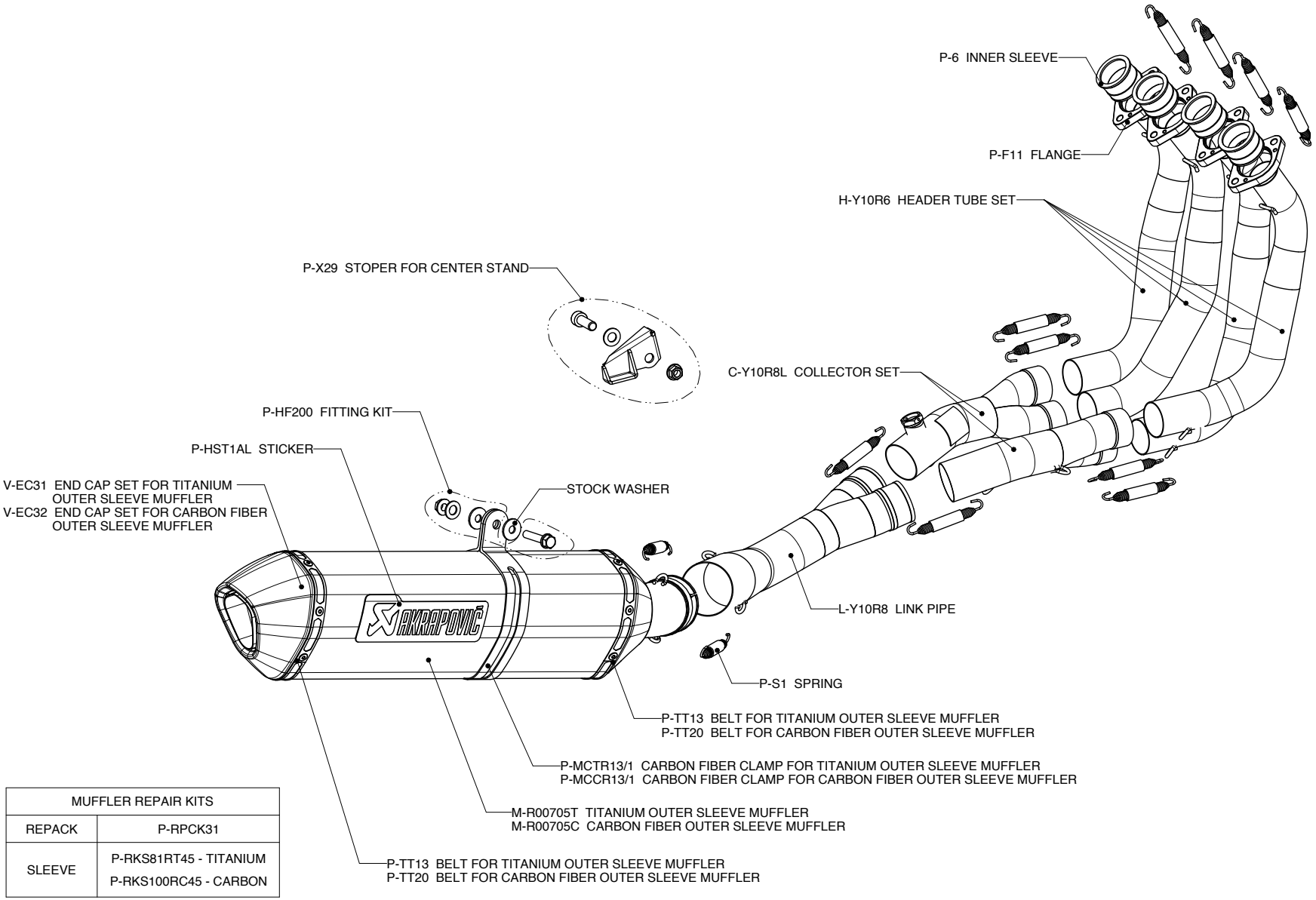

MUFFLER REPAIR KITS	
REPACK	P-RPCK31
SLEEVE	P-RKS81RT45 - TITANIUM P-RKS100RC45 - CARBON

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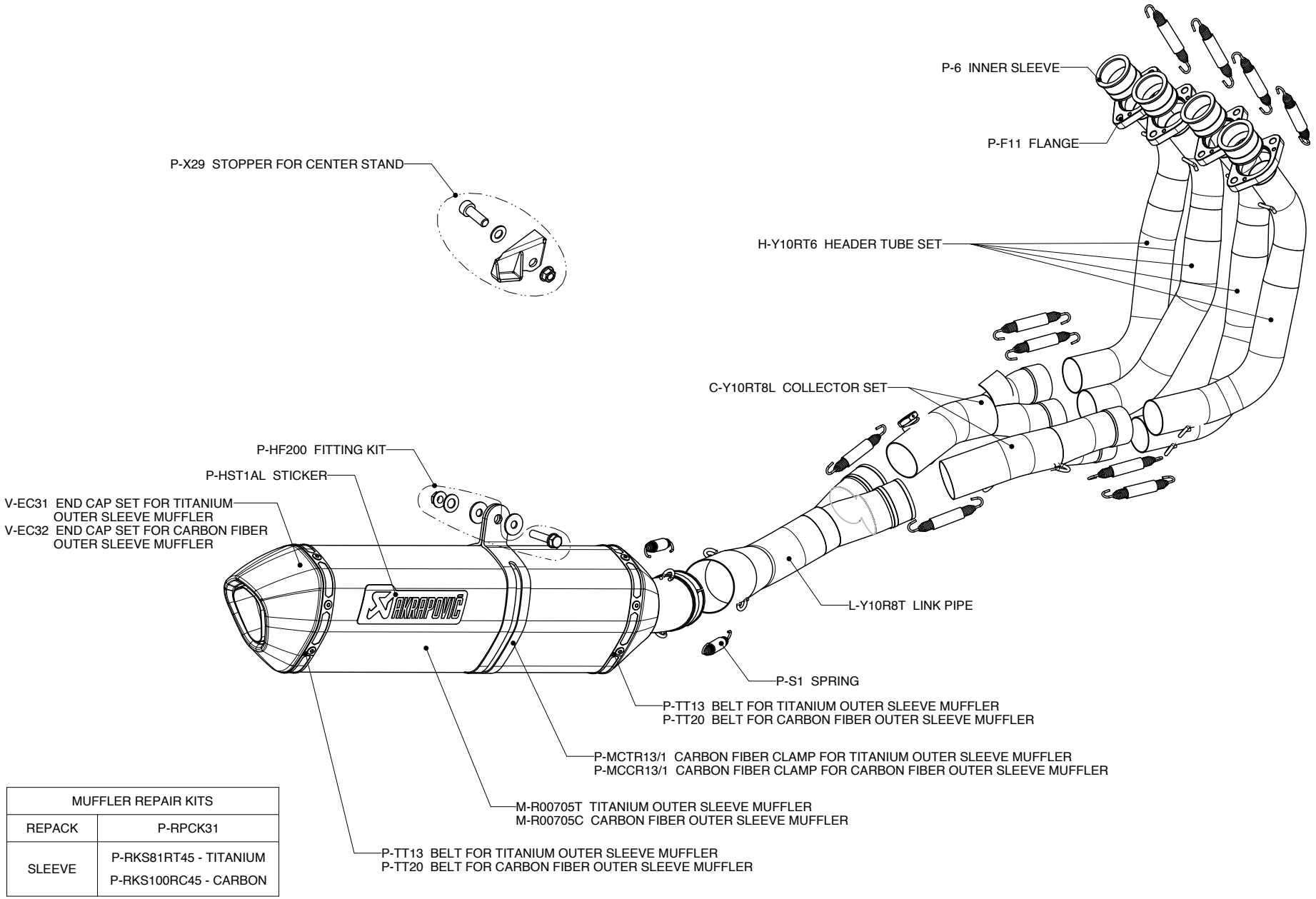

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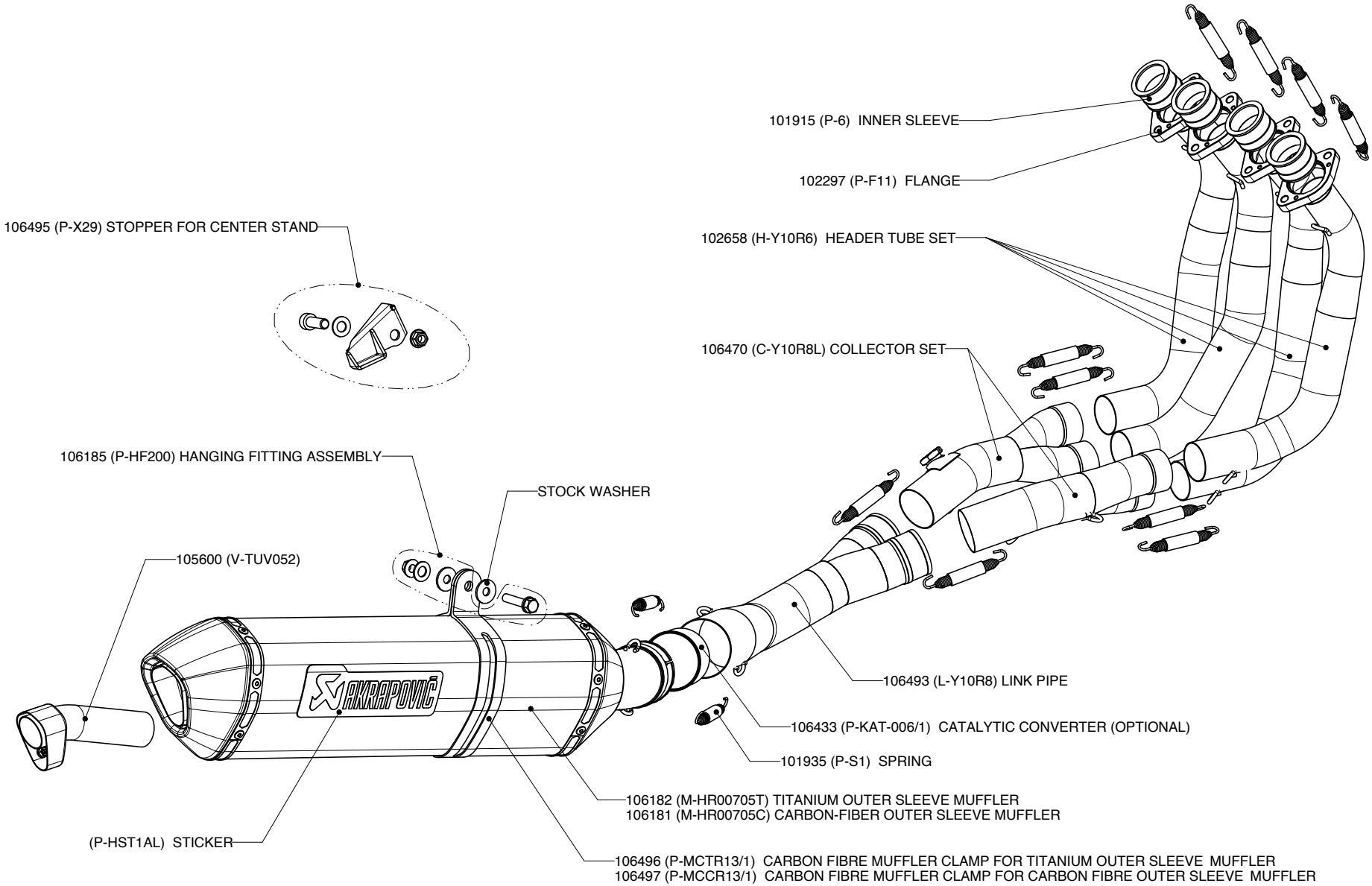

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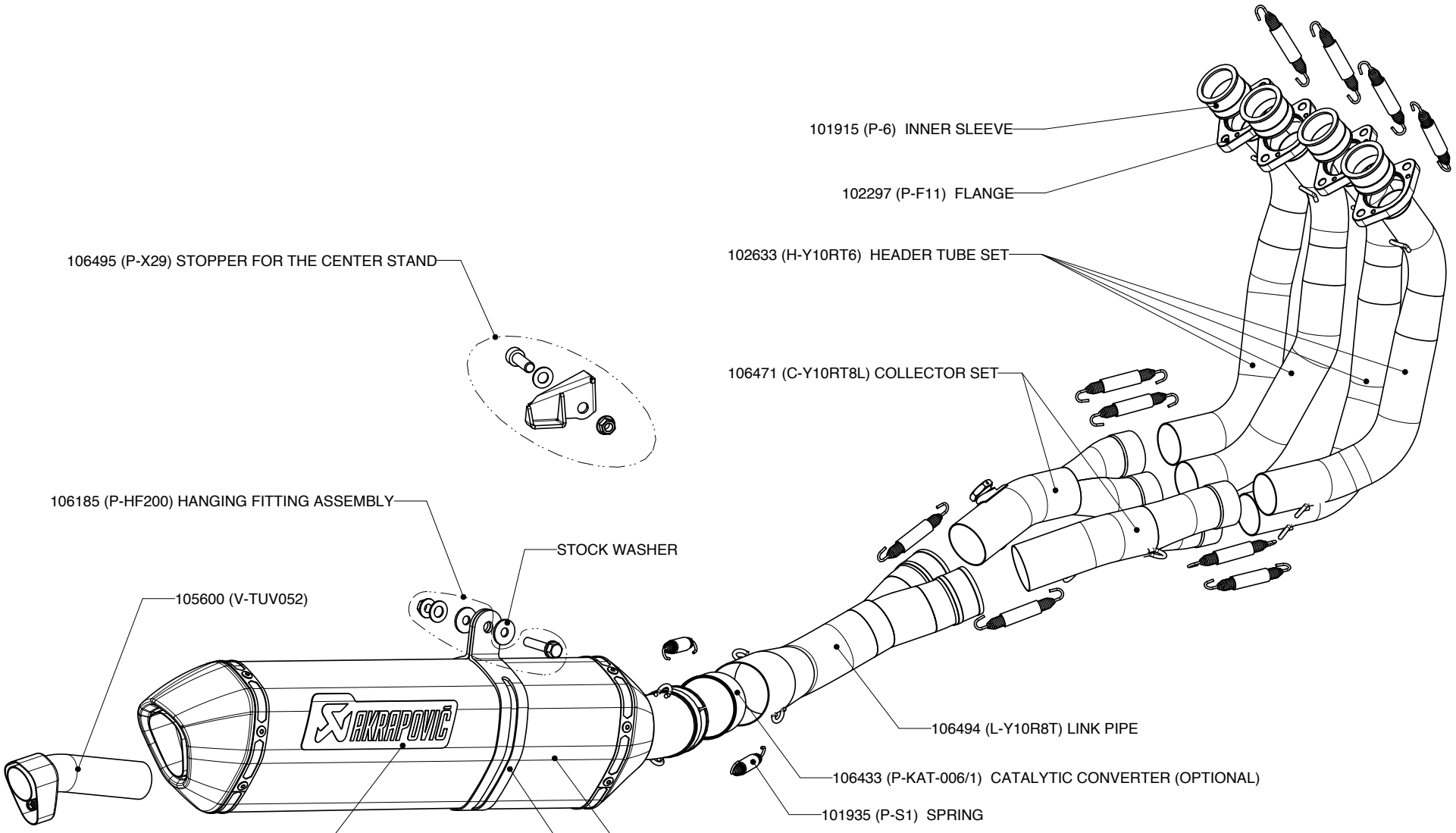

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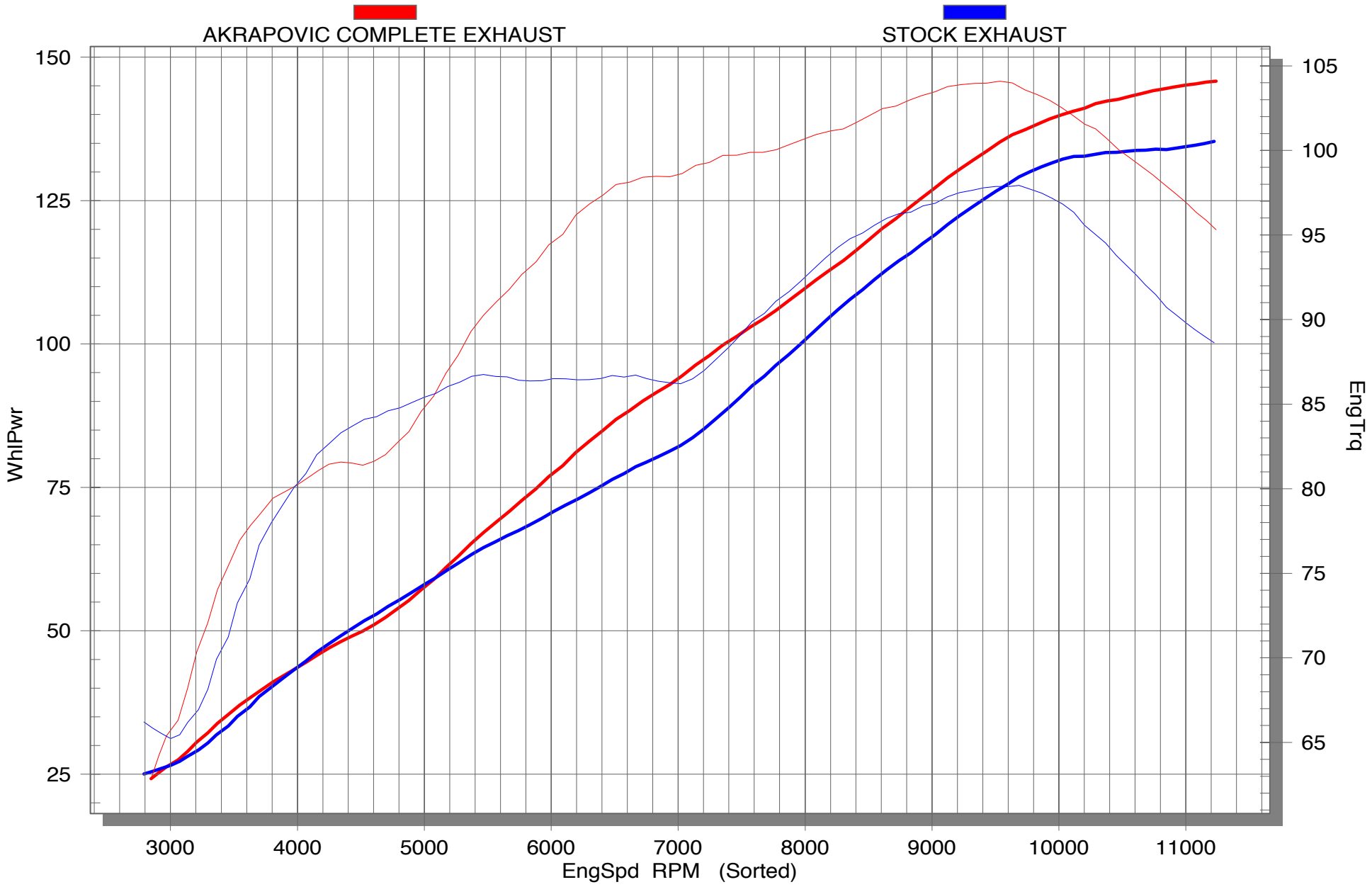

Product code: S-Y10R7-RC, S-Y10R7-RT (racing), S-Y10R8-HRC, S-Y10R8-HRT (racing homologated)
S-Y10RFT7T-RC, S-Y10RFT7T-RT(evolution), S-Y10RFT8T-HRC, S-Y10RFT8T-HRT (evolution homologated)

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