



Yamaha YZ 250F (2006)

Evolution Exhaust System

# Akrapovic Evolution Exhaust System

for the Yamaha YZ 250F (2006)

This system is designed for riders who are looking for a top quality component, in terms of both production quality and performance, and of course know how to take every advantage of it out on the course. We should mention the HEXAGONAL muffler design, which goes extremely well with the lines of the Yamaha. The Akrapovic EVOLUTION system is designed for two markets. For the European and other markets it comes with a built-in noise damper, and for the American market it comes with an approved spark arrester.

## PERFORMANCE

Measurements of the Akrapovic EVOLUTION system on the YAMAHA YZ 250F (with noise damper):

Power & Torque: the Akrapovic Evolution delivers increased power and torque throughout nearly the entire rpm range of the Yamaha. The engine will be more responsive at every point in the range, and the system delivers a lot more power at the top end. At 11670 rpm we measured 36.5 HP.

## CONFIGURATION

The Akrapovic Evolution system is composed of a conical titanium header tube and link pipe. The header tube and link pipe are joined with a sleeve joint secured with a silicon-shielded spring. The link pipe is welded to the muffler. The material for the inlet cap and perforated inner sleeve are dependent on the material used for the link pipe (Evolution: titanium link pipe & titanium inlet cap and perforated inner sleeve). The outlet cap is made of carbon-fiber. The HEXAGONAL muffler is attached to the bike with an Akrapovic offroad carbon-fiber clamp. The system is also available with an optional Akrapovic carbon-fiber heat shield. For the European and other markets it comes with a built-in noise damper, and for the American market it comes with an approved spark arrester, which is marked with a laser engraving on the muffler.

	PERFORMANCE		
	stock	AKRAPOVIC	max. increased power
max. rear wheel power HP / rpm (measured on Dynojet ATV)	35 / 10750	36.5 / 11670 (with noise damper)	2.1 / 11670 (with noise damper)

	CONFIGURATION		
	header tubes	collector	link pipe
material	TITANIUM	-	TITANIUM
tube shape	CONICAL	-	CONICAL

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

	ADDITIONAL DATA				
	stock	AKRAPOVIC		difference	
weight comparison (kg)	3.16	RACING	EVOLUTION	stock - RACING	stock - EVOLUTION
		-	2.10	-	1.06
noise measurements (dB / rpm)	stock		AKRAPOVIC		
	96 / 5000		96 / 5000		
possibility of periodic service without removing A.E.S.	oil		oil filter		
	YES		YES		
legal for street use	NO				

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

Product code: 105202 (S-Y2MET5-QT)  
105204 (S-Y2MET5-QTA) US market

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CARBON-FIBER  
MUFFLER CLAMP

Off-Road  
Program

Product code: 105202 (S-Y2MET5-QT)  
105204 (S-Y2MET5-QTA) US market

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Off-Road  
Program

Product code: 105202 (S-Y2MET5-QT)  
105204 (S-Y2MET5-QTA) US market

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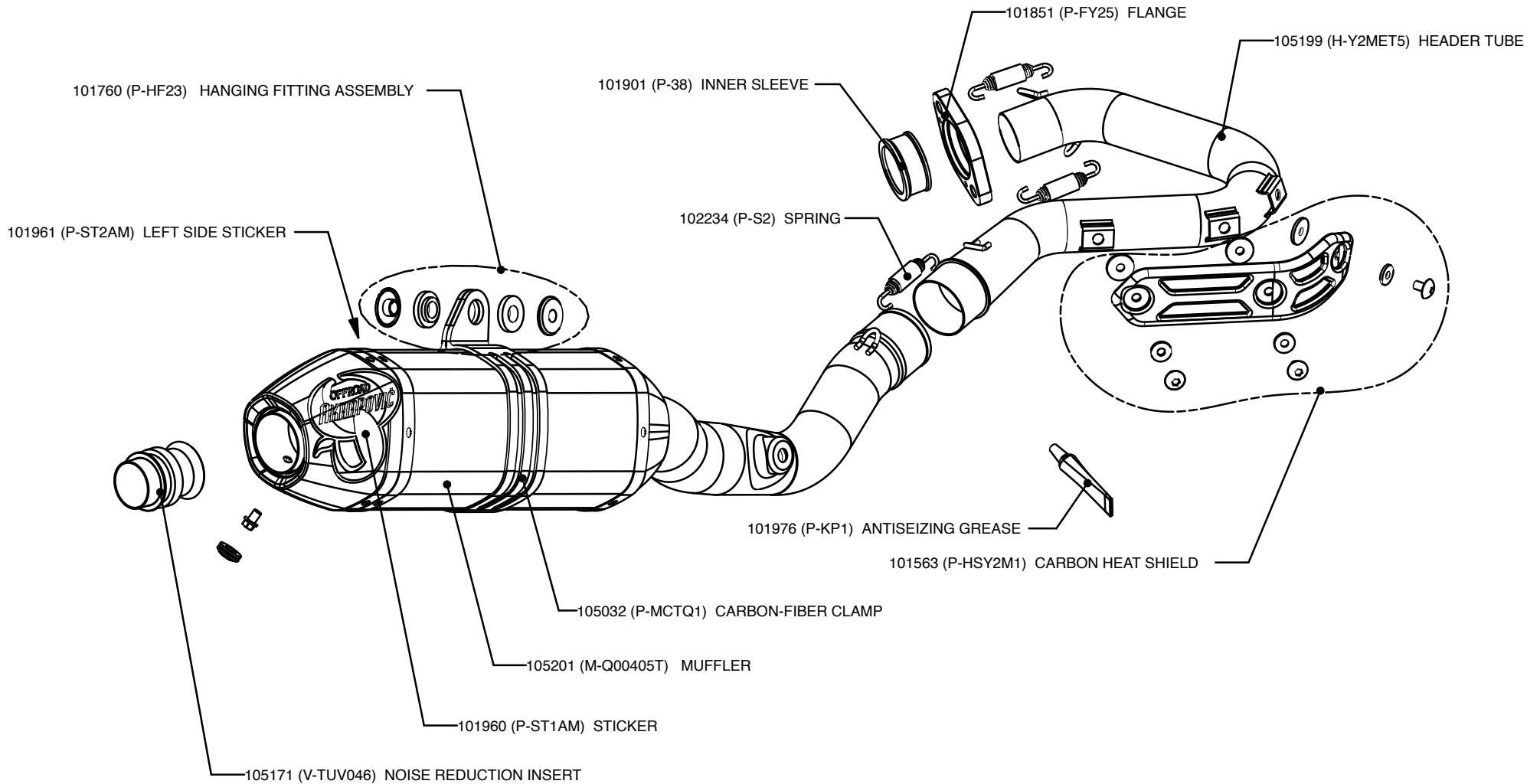


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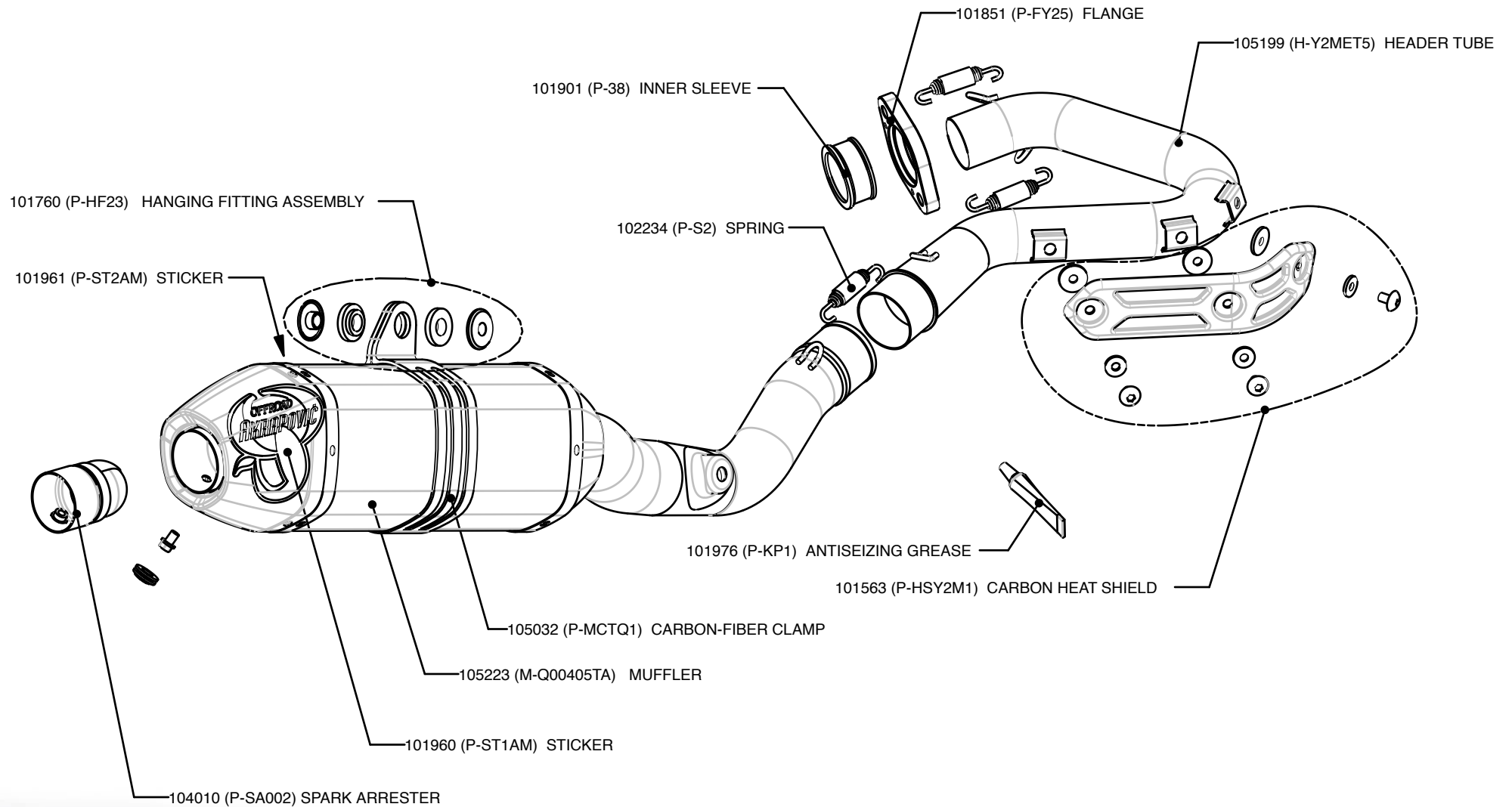
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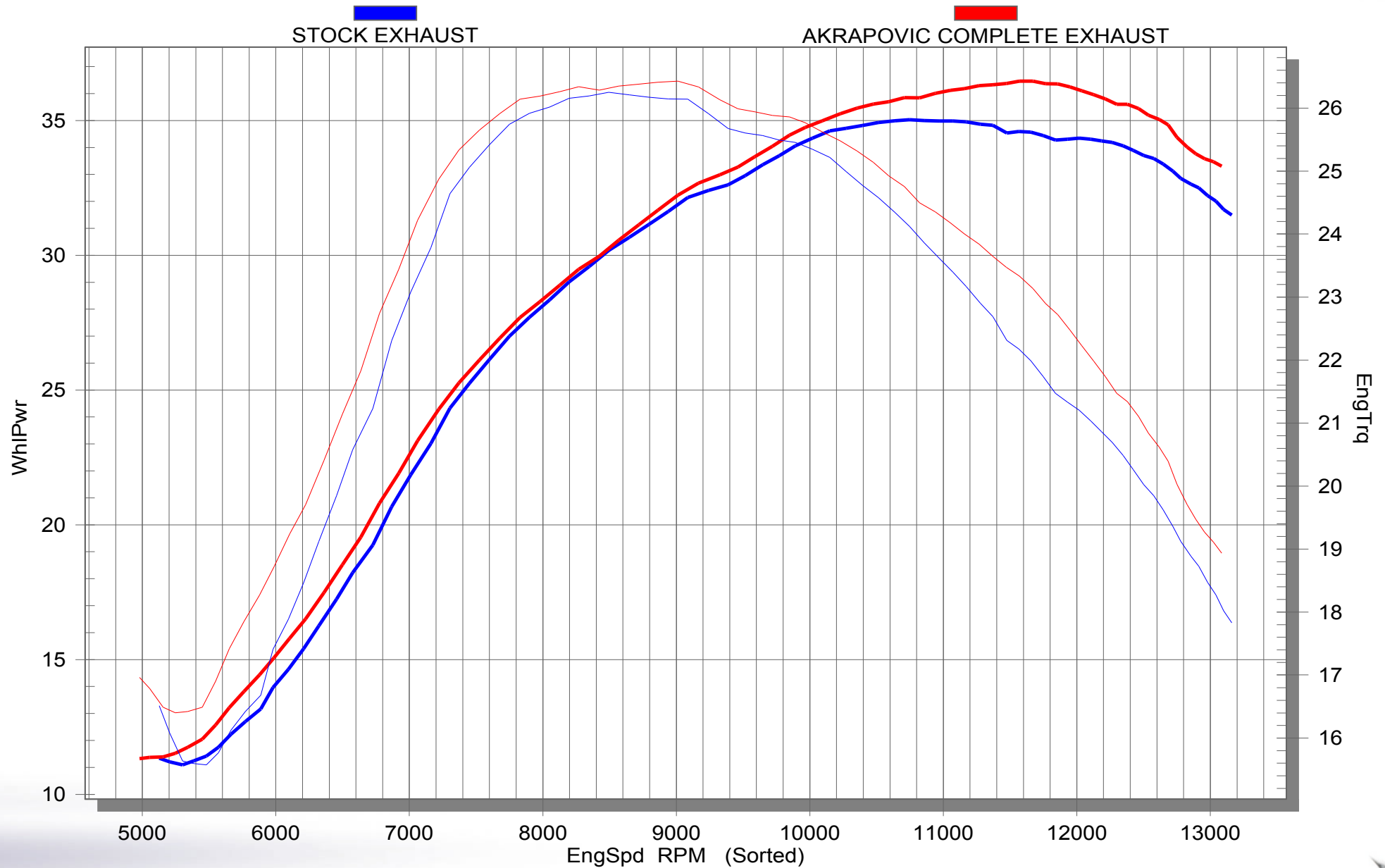
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