



Honda TRX 450R (2004)

Evolution Exhaust System

Akrapovic Evolution Exhaust System

for the Honda TRX 450R (2004)

The Akrapovic EVOLUTION exhaust system for the Honda TRX is intended for highly skilled and racing-oriented riders of the ATV. The system offers a major performance boost as well as weight savings. There are two versions available, with an FIM 94 dB noise damper for the EU market, and an approved spark arrester for the US market.

PERFORMANCE

Measurements of the Akrapovic EVOLUTION system on the HONDA TRX 450R (without noise damper or spark arrester):

Power: the engine opens up with the Akrapovic EVOLUTION, with a major increase in power throughout the rpm range. The power delivery is very even, and the drop-out from the stock system at around 4000 rpm is smoothed.

Torque: the drop-out at around 4000 rpm is even more leveled, and the torque curve parallels the stock curve with a constant increase in torque.

CONFIGURATION

The system is composed of a conical titanium header tube attached to the conical titanium link pipe with a free-floating joint held together with a silicon-shielded tensioning spring. The link pipe is welded to the muffler. The muffler is the standard Offroad design made entirely of titanium. Depending on the market, the muffler is available with an FIM 94 dB noise damper for the EU market or an approved spark arrester for the US market. The muffler is attached to the ATV's frame with an Akrapovic carbon-fiber clamp. An Akrapovic carbon-fiber heat shield is also attached to the header tube.

	PERFORMANCE		
	stock	AKRAPOVIC	max. increased power
max. rear wheel power HP / rpm (measured on Dynojet ATV)	37.20 / 9570	38.52 / 9700	3.60 / 5000

	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	S.S. LASER CUT
header tubes - collector connection	-	collector / header tube - link pipe connection	FREE FLOATING + SILICON SHILDED SPRING
link pipe - muffler connection	WELDED	muffler inlet cap /outlet cap	TITANIUM / TITANIUM
muffler metal interior	TITANIUM	muffler outer sleeve	TITANIUM
muffler clamp	CARBON-FIBER ROAD	muffler bracket	-
muffler insert	FIM 94 dB ENDURO (EU market) SPARK ARRESTER (US market)	heat shield	CARBON-FIBER

OPTIONS			
link pipe	noise damper	muffler bracket	heat shield
-	-	-	-

	ADDITIONAL DATA				
	stock	AKRAPOVIC		difference	
		RACING	EVOLUTION	stock - RACING	stock - EVOLUTION
weight comparison (kg)	4.88	-	2.08	-	2.80
noise measurements (dB / rpm)	stock		AKRAPOVIC		
	88 / 4500		98 / 4500 (without noise damper)		
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.

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CARBON-FIBER
MUFFLER CLAMP

ATV
Series

Product code: 103562 (AS-H4ET1-DTT)

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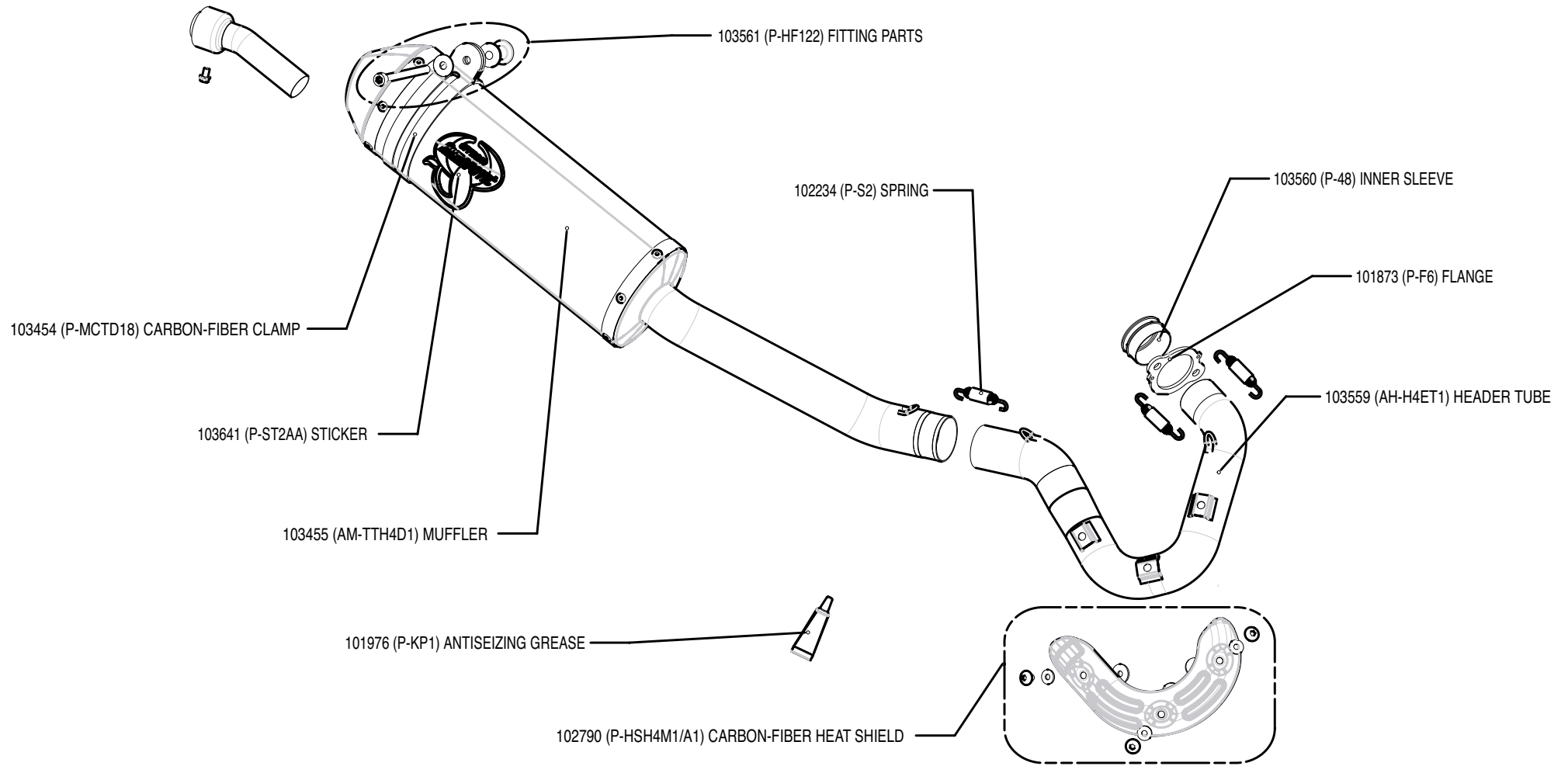


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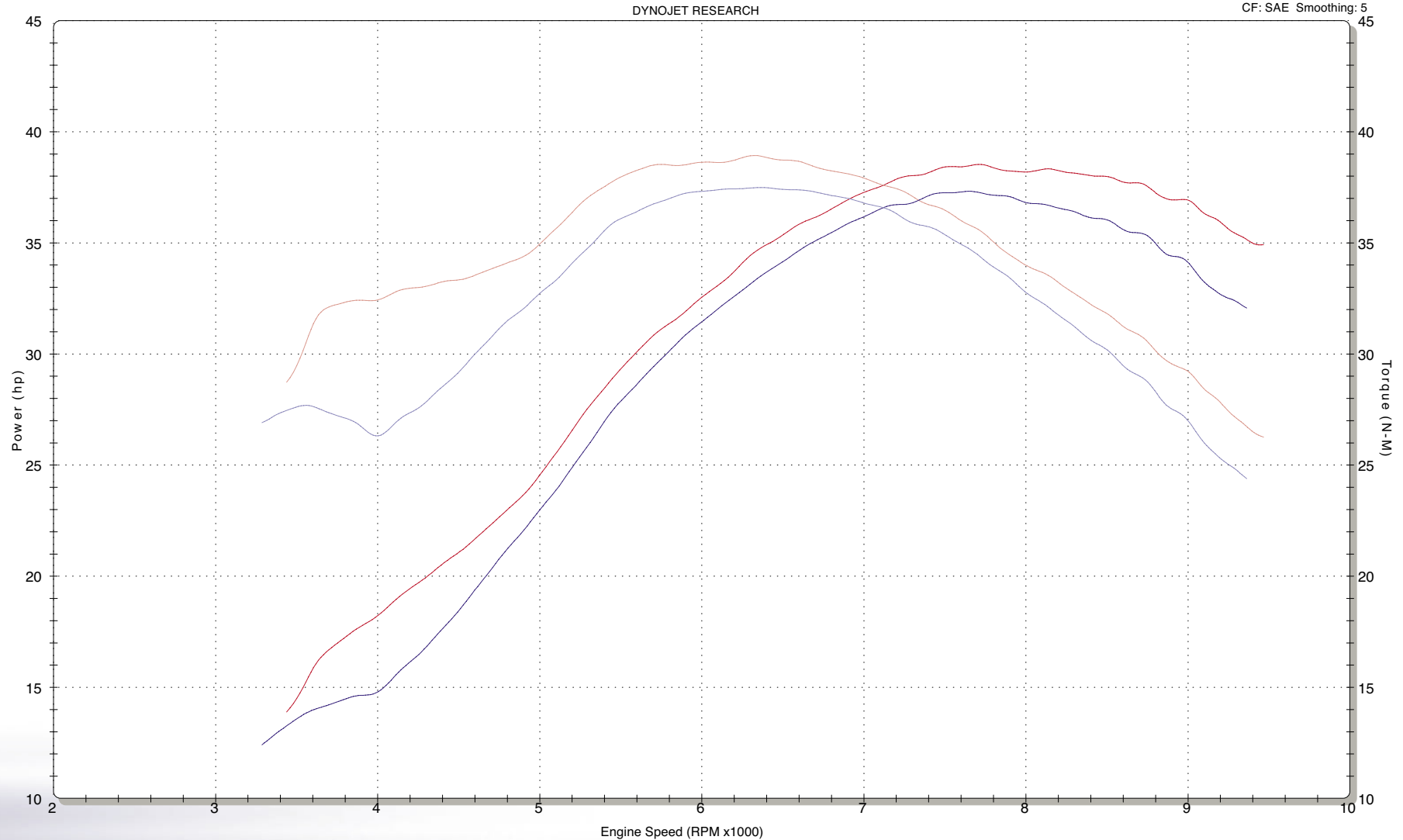


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ATV Series

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AKRAPOVIC COMPLETE EXHAUST.drf - Run Conditions: 28,39 °C, 993,64 mBars, SAE: 1,01
STOCK EXHAUST.DRF - Run Conditions: 26,77 °C, 993,42 mBars, SAE: 1,01



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ATV Series

