



BMW G 450 X
(2008)

EVOLUTION EXHAUST SYSTEM

www.akrapovic.com

The Akrapovic Evolution complete exhaust system represents the flagships of our product lines. It is designed for riders who demand maximum performance from. The system is designed for two markets; in the US it is available with an approved spark arrester, and for the EU and other non-US markets they come with a noise damper.

PERFORMANCE

Measurements of the Akrapovic EVOLUTION system on the BMW G450X (with muffler insert):

Power & Torque: The Akrapovic Evolution system delivers a performance increase throughout nearly the entire rpm range. It is most pronounced in the middle and the top of the range. The systems deliver increased torque similar to the power increase. Max. increased power of 3.7 HP was measured at 5900 rpm, while max. power of 46.5 HP was measured at 9300 rpm.

CONFIGURATION

The Akrapovic Evolution systems is made entirely of titanium. The system is composed of a conical header tube which is connected to the cylindrical link pipe with a sleeve joint, secured with metal clamp and silicon shielded spring. The link pipe is welded to the muffler. The outlet cap is made of carbon fiber and the muffler outer sleeve of titanium. The muffler is attached to the frame using an Akrapovic carbon-fiber clamp.

	PERFORMANCE		
	stock	AKRAPOVIC	max. increased power
max. rear wheel power HP / rpm <small>(measured on Dynojet ATV)</small>	46.2 / 9150	46.5 / 9300	3.7 / 5900

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

interference crossover tubes	-	lambda sensor	YES	
header tube inner sleeves	-	header tube flanges	S.S. Laser cut	
header tubes - collector connection	-	collector / header tube - link pipe connection	SLEEVE JOINT + SILICON SHIELDED SPRING+ METAL CLAMP	
link pipe - muffler connection	WELDED	muffler inlet cap /outlet cap	TITANIUM / CARBON-FIBER	
muffler metal interior	TITANIUM	muffler outer sleeve	-	
muffler clamp	CARBON-FIBER	muffler bracket	-	
muffler insert	EU	YES	heat shield	-
	US	YES	catalytic converter	-

	ADDITIONAL DATA				
	stock	AKRAPOVIC		difference	
		RACING	EVOLUTION	stock - RACING	stock - EVOLUTION
weight comparison (kg)	4.98	-	2.66	-	2.32kg
noise measurements (dB / rpm)	stock		AKRAPOVIC		
	98 / 6500		98 / 6500		
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.







