



KAWASAKI ZX-10R (2008)
(2008)

EVOLUTION EXHAUST SYSTEM WITH CONICAL SHAPED MUFFLER (CZ TYPE)

www.akrapovic.com

Akrapovic Racing and Evolution systems are designed for racing-oriented riders who demand maximum performance from their motorcycle. Both systems feature exceptional production quality, hi-tech materials and of course increased engine performance. Their quality and reputation are further augmented by the use of the high-tech HYDROFORMING production process to form the header tubes. Beside performance you will also benefit from great weight savings, up to 7.85 kg if compared to stock system. The change will be also visual as our conical muffler perfectly fit the exterior line of the Ninja and add a clean racing image. Systems are not homologated and are developed only for race track use.

PERFORMANCE

Measurements of the Akrapovic EVOLUTION system on the KAWASAKI ZX-10R (without muffler insert):

Power & Torque: the exhaust system modification with the EVOLUTION system results in a major boost in performance, delivering a massive 176.6 HP at 12400 rpm on back wheel. But the increased power isn't available just at the top of the range; the system shows its quality already from 3000 rpm up through entire rpm range. Max. increased power between the Akrapovic and the stock system is 14.9 HP at 12400 rpm. Besides this, the torque is substantially higher in a lower rpm area at 3000 rpm and from middle to high rpm area.

CONFIGURATION

The Akrapovic RACING and EVOLUTION systems for the KAWASAKI ZX-10R are a 4-2-1 configuration, while the systems differ only in their selection of materials. The RACING system uses stainless steel, while the EVOLUTION system uses titanium. The systems are designed with two 'Y' conical link pipes, attached to muffler with sleeve joints, secured with silicon shielded springs. The system features conical header tubes formed by using hydroforming technology. The individual parts of the system are connected using free-floating joints secured with silicon-shielded tensioning springs. The conical muffler is HEXAGONAL shaped and is available with titanium outer sleeve. The muffler interior perforation and inlet cap are made entirely of titanium, while outlet cap is made of carbon -fiber. The muffler is secured to the bike with welded bracket.

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

	PERFORMANCE		
	stock	AKRAPOVIC	max. increased power
max. rear wheel power HP / rpm (measured on Dynojet ATV)	163.1 / 12150	176.6 / 12400	14.9 / 12400

	CONFIGURATION		
	header tubes	collector	link pipe
material	STAINLESS STEEL / TITANIUM	STAINLESS STEEL / TITANIUM	STAINLESS STEEL / TITANIUM
tube shape	HYDROFORMING	CILINDRICAL	CONICAL

interference crossover tubes	YES (COLLECTOR)	lambda sensor	YES, 2x	
header tube inner sleeves	S.S. CNC machined	header tube flanges	Alu CNC machined	
header tubes - collector connection	SLEEVE JOINT + SILICON SHIELDED PRING	collector / header tube - link pipe connection	SLEEVE JOINT + SILICON SHIELDED PRING	
link pipe - muffler connection	SLEEVE JOINT + SILICON SHIELDED PRING	muffler inlet cap /outlet cap	Ti - Carb.fiber / Ti - Carb.fiber	
muffler metal interior	TITANIUM	muffler outer sleeve	Ti / Carb.fiber	
muffler clamp	WELDED	muffler bracket	-	
muffler insert	EU	YES	heat shield	-
	US	-	catalytic converter	NO

	ADDITIONAL DATA				
	stock	AKRAPOVIC		difference	
		EVOLUTION	RACING	stock - EVOLUTION	stock - RACING
weight comparison (kg)	11.37	3.52	-	7.85	-

noise measurements (dB / rpm)	stock	AKRAPOVIC
	94dB / 5850	102dB / 5850
possibility of periodic service without removing A.E.S.	oil	oil filter
	YES	YES
legal for street use	NO	







