



Honda CRF 150 R (2007)

Racing & Evolution Exhaust System

Akrapovic Racing & Evolution Exhaust System

for the Honda CRF 150 R (2007)

The Akrapovic Racing and Evolution systems are designed for riders who expect the maximum from their exhaust system and know how to get it on the track. The systems are designed for two markets; for the EU and other non-US markets they come with a noise damper, and for the US market they are equipped with an approved spark arrester.

PERFORMANCE

Measurements of the Akrapovic EVOLUTION system on the HONDA CRF 150 R (without muffler insert):

Power & Torque: with the Akrapovic exhaust system the Honda engine delivers increased response. There is a marked increase in power and torque at the top of the rpm range, right in the operating range for this motorcycle. Max. power output was measured at 22.5 HP at 12400 rpm.

CONFIGURATION

The Akrapovic Racing and Evolution systems differ only in their selection of materials. The Racing uses stainless steel, and the Evolution features titanium. The systems are composed of a conical header tube attached to a conical link pipe with a sleeve joint. The sleeve joint is secured with a silicon-shielded spring. The link pipe is welded to the muffler. The offroad muffler for the Racing has a stainless steel inlet cap, perforated inner sleeve and outlet cap, while for the Evolution these components are made of titanium. The outer sleeve is titanium for both models. The systems are equipped with an approved spark arrester for the US market, and for the EU and other non-US markets they come with a noise damper. 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 (measured on Dynojet ATV)	22 / 12000	22.5 / 12400	1 / 12750

	CONFIGURATION		
	header tubes	collector	link pipe
material	TITANIUM (Evolution) STAINLESS STEEL (Racing)	-	TITANIUM (Evolution) STAINLESS STEEL (Racing)
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	SLEEVE JOINT + SILICON SHIELDED SPRING
link pipe - muffler connection	WELDED	muffler inlet cap / outlet cap	TITANIUM (Evolution), STAINLESS STEEL (Racing) / TITANIUM (Evolution), STAINLESS STEEL (Racing)
muffler metal interior	TITANIUM (Evolution) STAINLESS STEEL (Racing)	muffler outer sleeve	TITANIUM
muffler clamp	CARBON-FIBER	muffler bracket	-
muffler insert	EU	NOISE DAMPER	-
	US	SPARK ARRESTER	-
		heat shield	-
		catalytic converter	-

	ADDITIONAL DATA				
	stock	AKRAPOVIC		difference	
		RACING	EVOLUTION	stock - RACING	stock - EVOLUTION
weight comparison (kg)	2.29	2.18	1.82	0.11	0.47
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: 106802 (S-H1SO1-MT), 106799 (S-H1MET1-MTT)
106801 (S-H1SO1-MTA), 106797 (S-H1MET1-MTTA) US market

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CARBON-FIBER
MUFFLER CLAMP

Off-Road
Program

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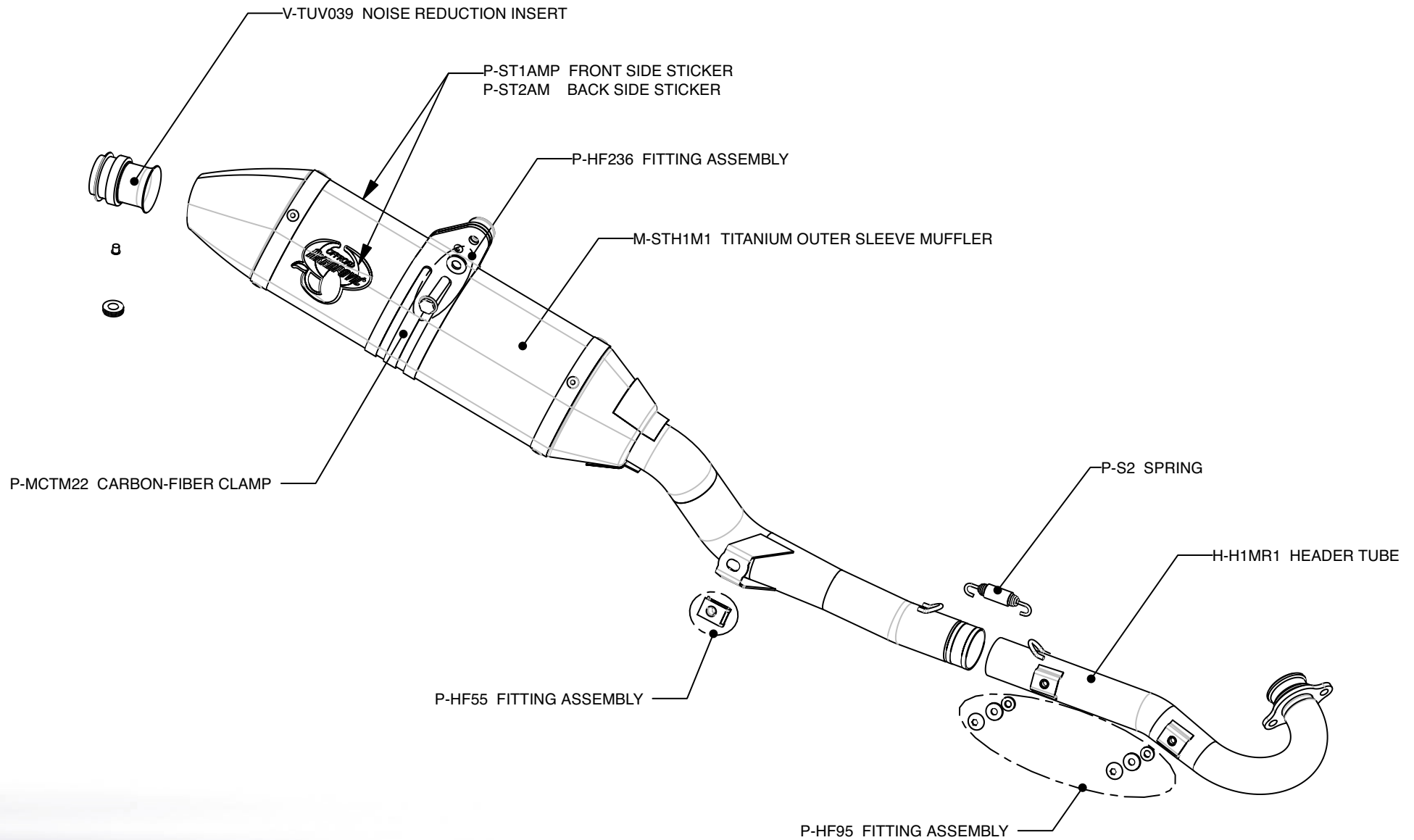
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Off-Road
Program

Product code: 106802 (S-H1SO1-MT), 106799 (S-H1MET1-MTT)
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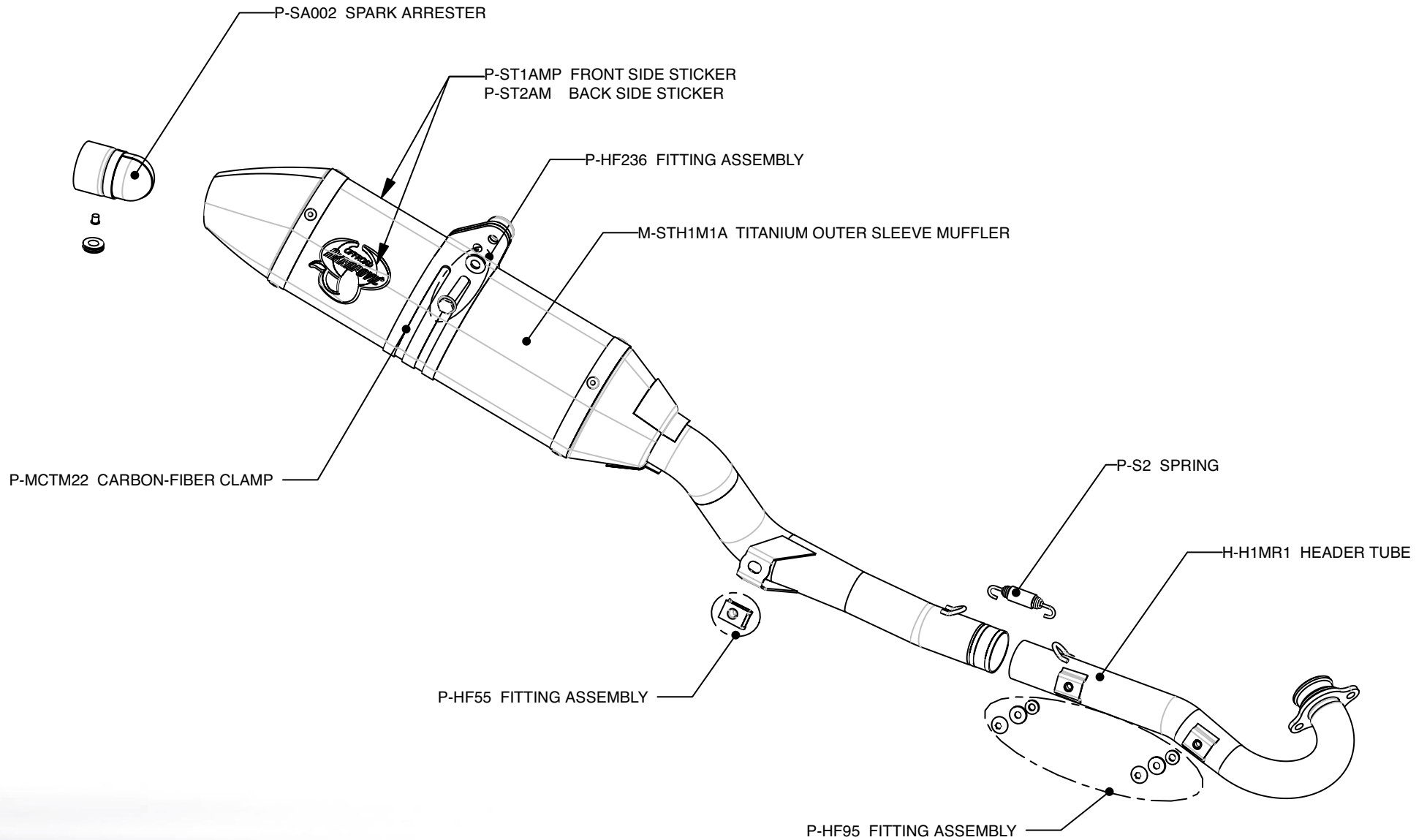
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Off-Road Program

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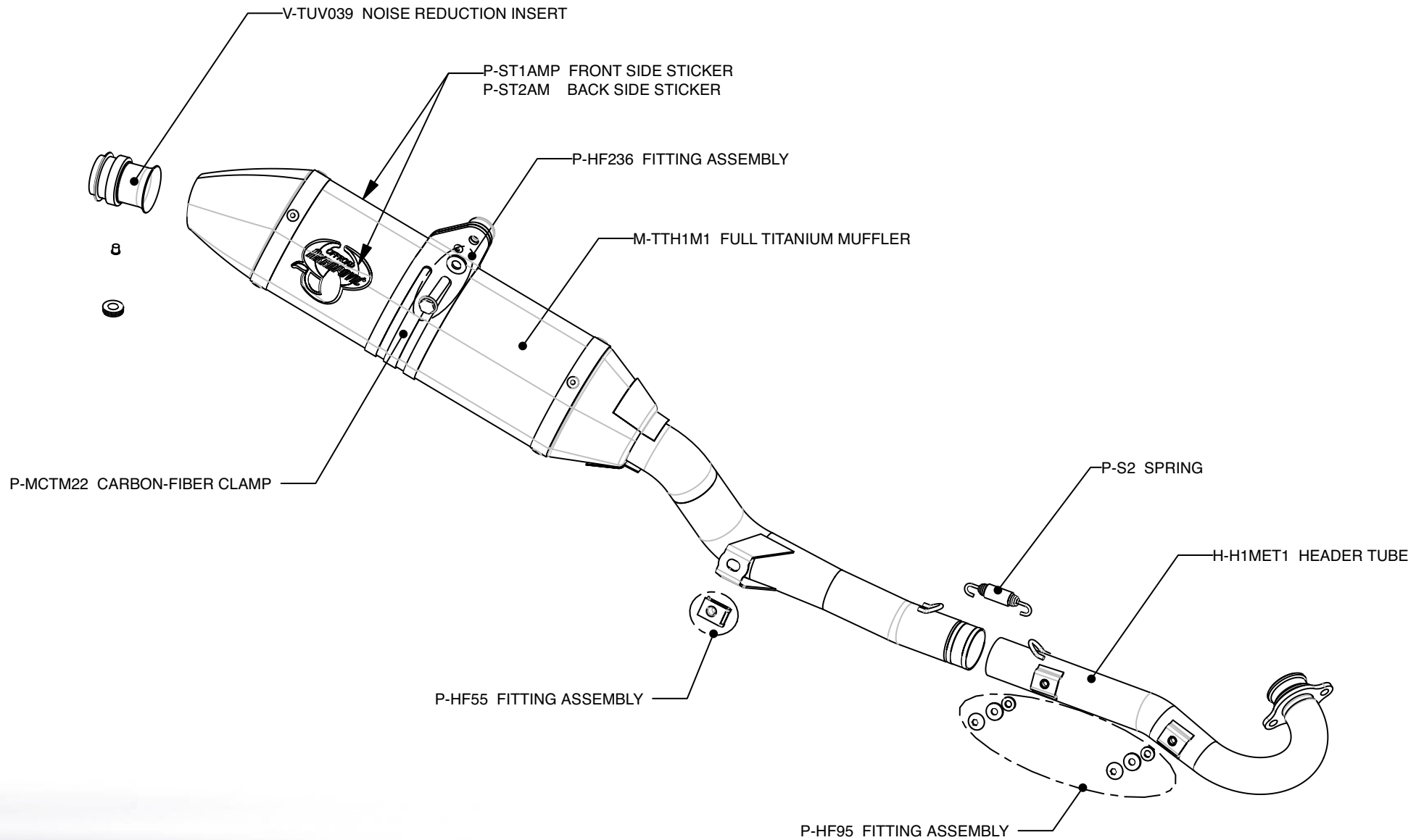
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Off-Road
Program

Product code: 106801 (S-H1S01-MTA) US market

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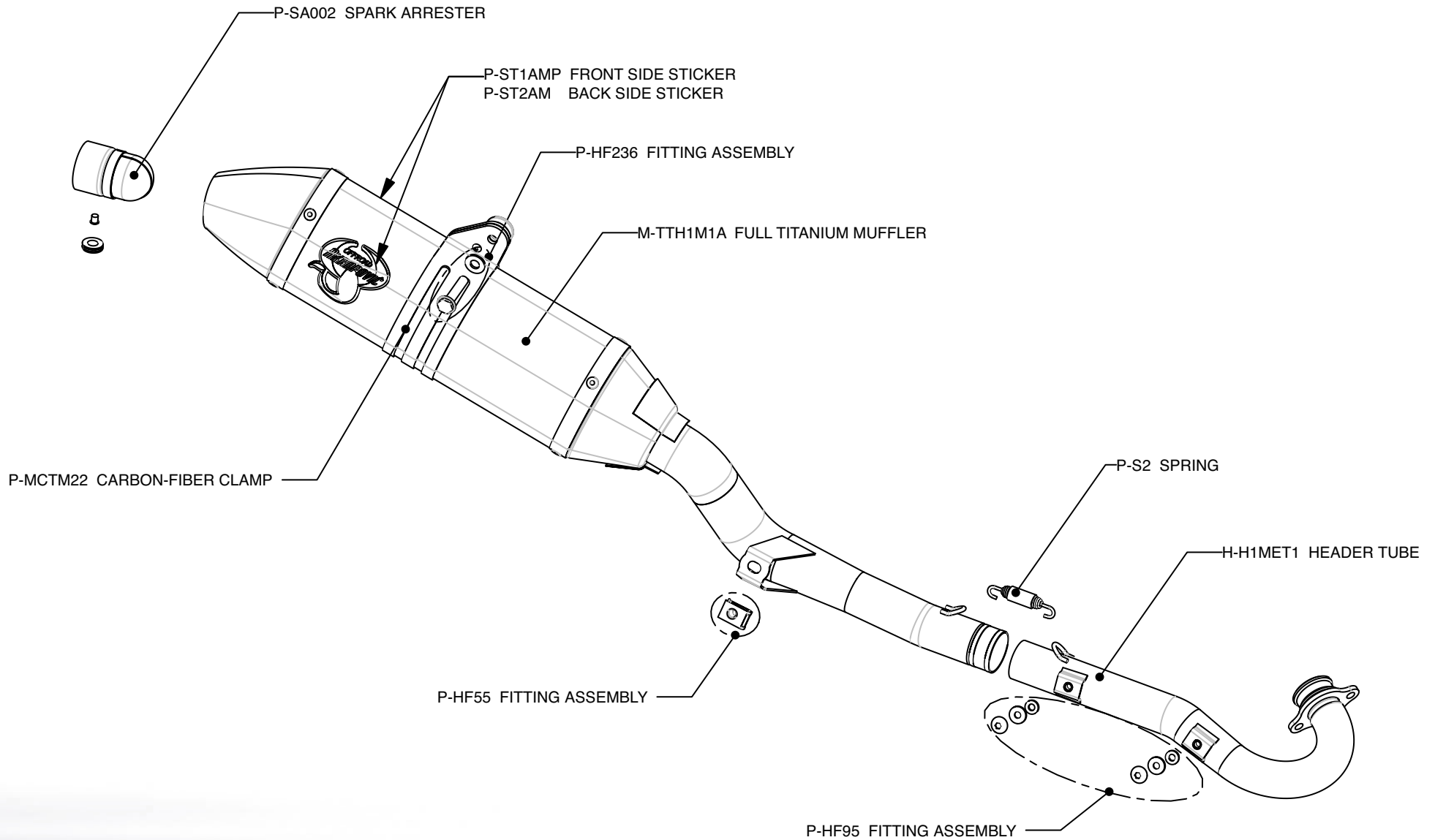
Off-Road Program

Product code: 106799 (S-H1MET1-MTT)



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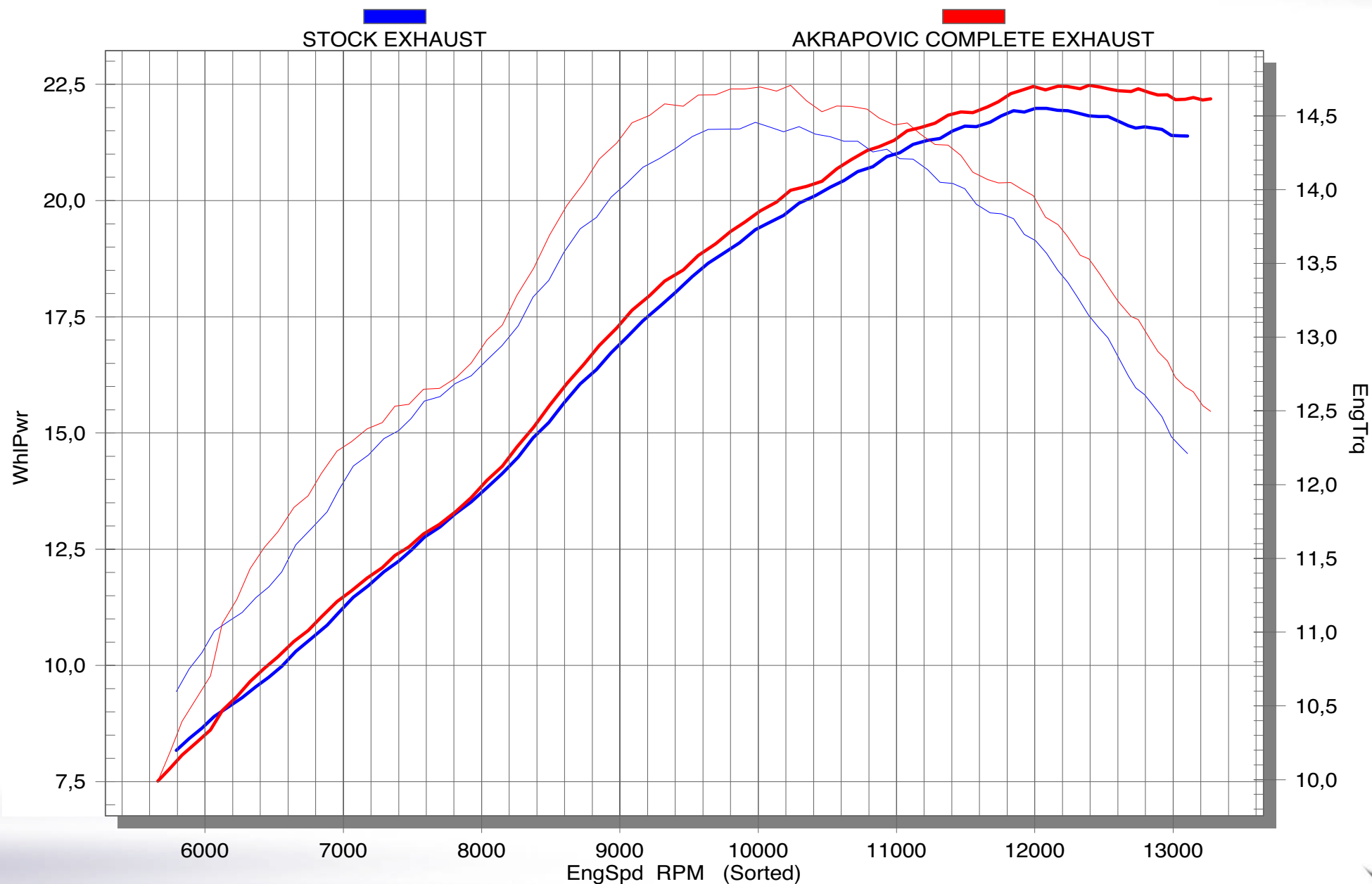
Off-Road Program

Product code: 106797 (S-H1MET1-MTTA) US market



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Off-Road Program

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