



Honda CRF 250X, CRE 250X (2005)

Evolution Exhaust System

Akrapovic Evolution Exhaust System

for the Honda CRF 250X, CRE 250X (2005)

The Akrapovic EVOLUTION system is designed for more professionally oriented riders who know how to take complete advantage of the performance increase the system offers. For the European market system conforms to FIM Enduro regulations for exhaust system noise levels. It comes with a 94 dB noise damper. For the American market system has an approved spark arrester.

PERFORMANCE

Measurements of the Akrapovic EVOLUTION system on the HONDA CRE 250 X (without muffler insert):

Power & Torque: the Akrapovic EVOLUTION system gives the engine a major boost in performance. The improvement in the torque curve makes the engine more responsive throughout the entire rpm range. The power curve is similar, with the increase concentrated at the top of the range and in the overrev range.

CONFIGURATION

The Akrapovic EVOLUTION system for the Honda CRE is composed of a titanium header tube which is flared at the link pipe joint. The connection with the titanium link pipe uses a sleeve joint held together with a silicon-shielded tensioning spring. The flared titanium link pipe is welded to the full titanium muffler. The muffler is attached to the motorcycle using an Akrapovic carbon-fiber offroad clamp. The system also comes with a carbon-fiber heat shield which is installed on the header tube. The muffler has a 94 dB noise damper which conforms to FIM Enduro regulations with regard to exhaust system noise levels. For the American market the system comes with a spark arrester.

| | PERFORMANCE | | |
|---|-------------|--------------|----------------------|
| | stock | AKRAPOVIC | max. increased power |
| max. rear wheel power HP / rpm <small>(measured on SuperFlow Cycle Dyn)</small> | 27.6 / 9100 | 29.5 / 10300 | 2.8 / 10750 |

| | CONFIGURATION | | |
|------------|---------------|-----------|-----------|
| | header tubes | collector | link pipe |
| material | TITANIUM | - | TITANIUM |
| tube shape | FLARED | - | FLARED |

| | | | |
|-------------------------------------|---|--|--|
| 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 / TITANIUM |
| muffler metal interior | TITANIUM | muffler outer sleeve | TITANIUM |
| muffler clamp | CARBON-FIBER OFF ROAD | muffler bracket | - |
| muffler insert | FIM ENDURO 94 dB SPARK ARRESTER (US market) | heat shield | CARBON-FIBER |

| OPTIONS | | | | |
|-----------|----------------|----------------------|-----------------|-------------|
| link pipe | muffler insert | muffler outer sleeve | muffler bracket | heat shield |
| - | - | - | - | - |

| | ADDITIONAL DATA | | | | |
|---|-----------------|-----------|---|----------------|-------------------|
| | stock | AKRAPOVIC | | difference | |
| | | RACING | EVOLUTION | stock - RACING | stock - EVOLUTION |
| weight comparison (kg) | 4.08 | - | 2.27 | - | 1.81 |
| noise measurements (dB / rpm) | stock | | AKRAPOVIC | | |
| | 88.1 / 3750 | | 94 / 3750 91.1 / 3750 (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.

Off-Road Program

Product code: 104343 (S-H2MET3-DTT)
104372 (S-H2MET3-DTTA) spark arrester (US market)



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CARBON-FIBER
MUFFLER CLAMP

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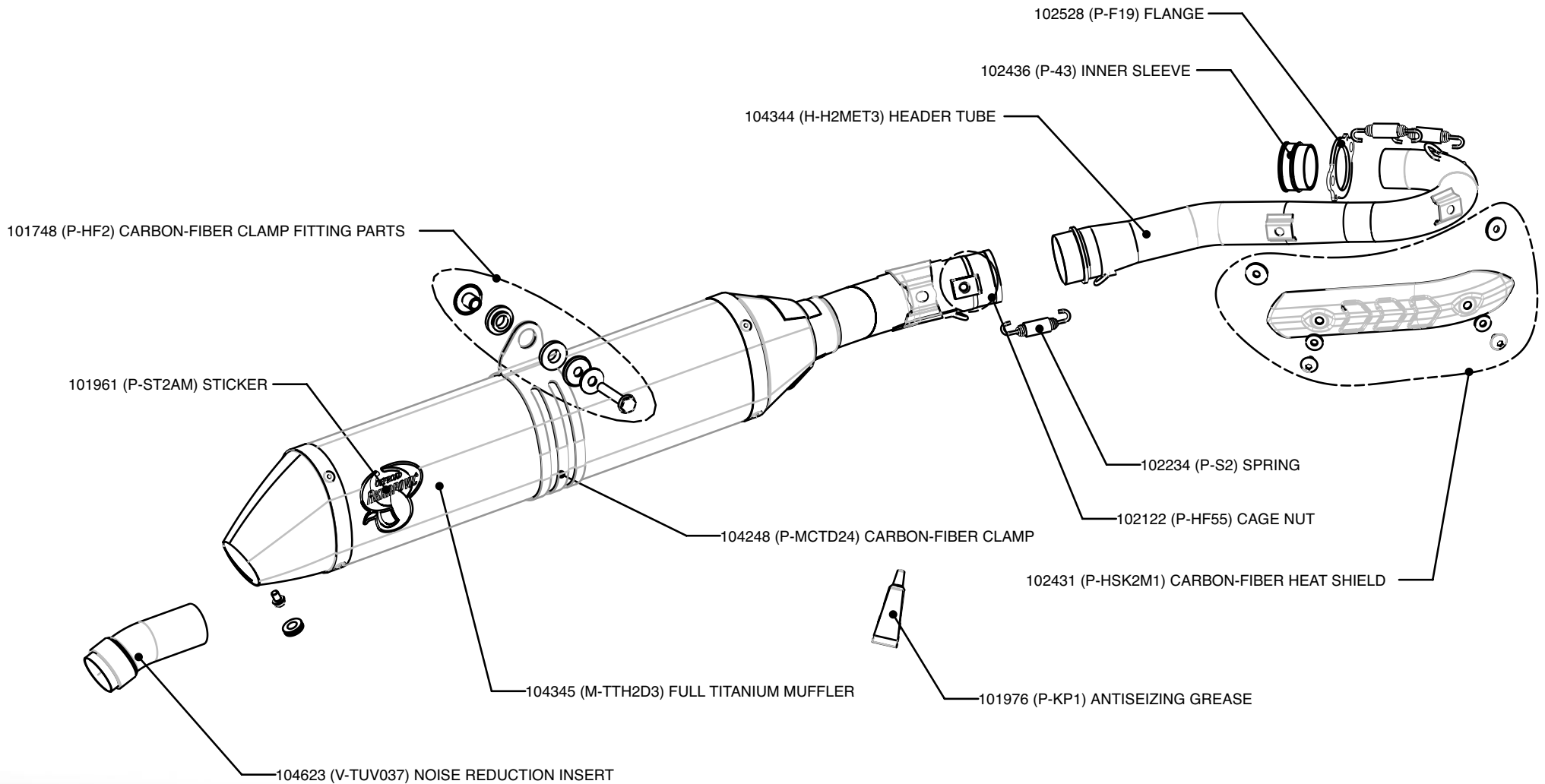
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Akrapovic Evolution Exhaust System

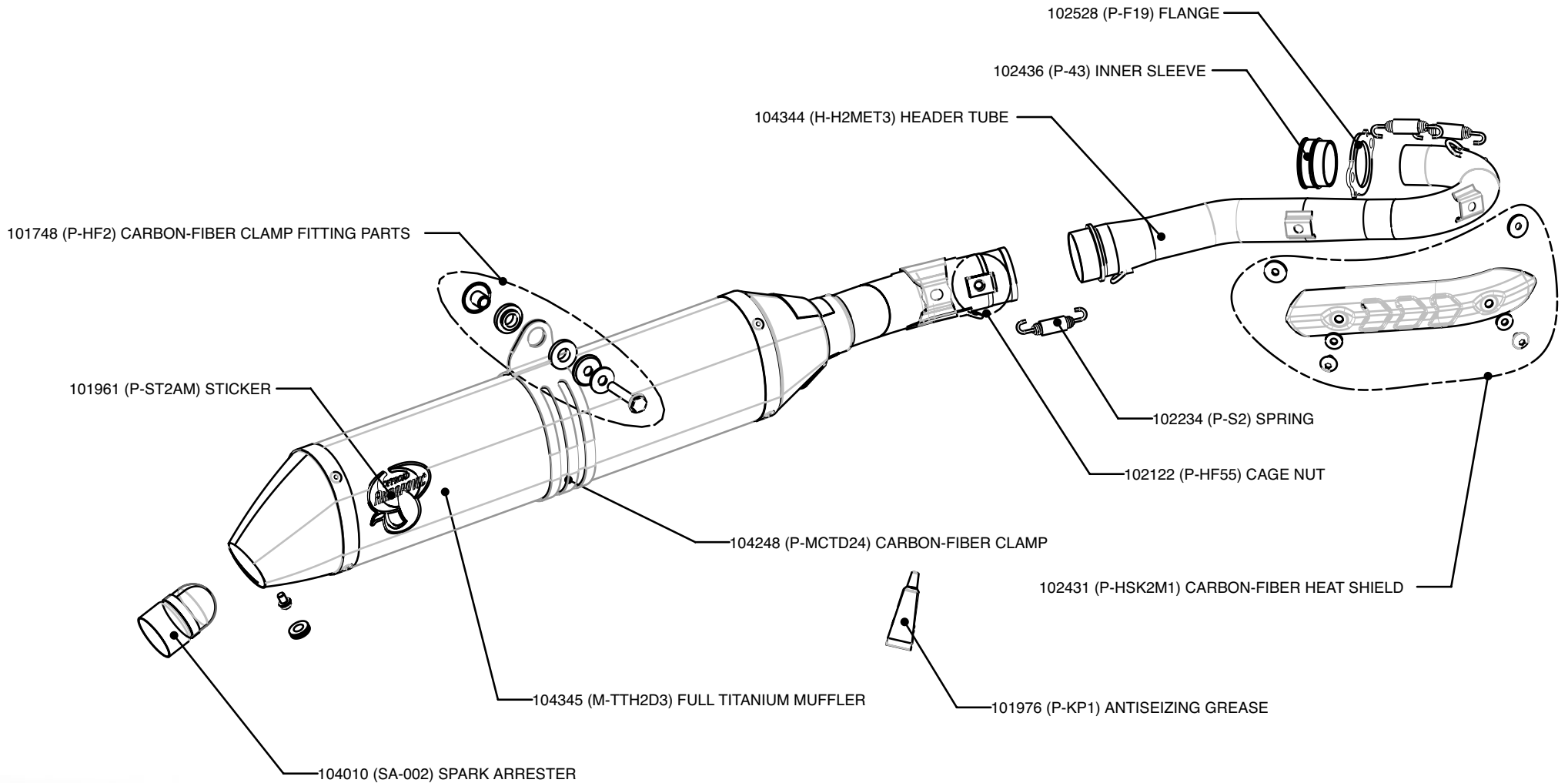
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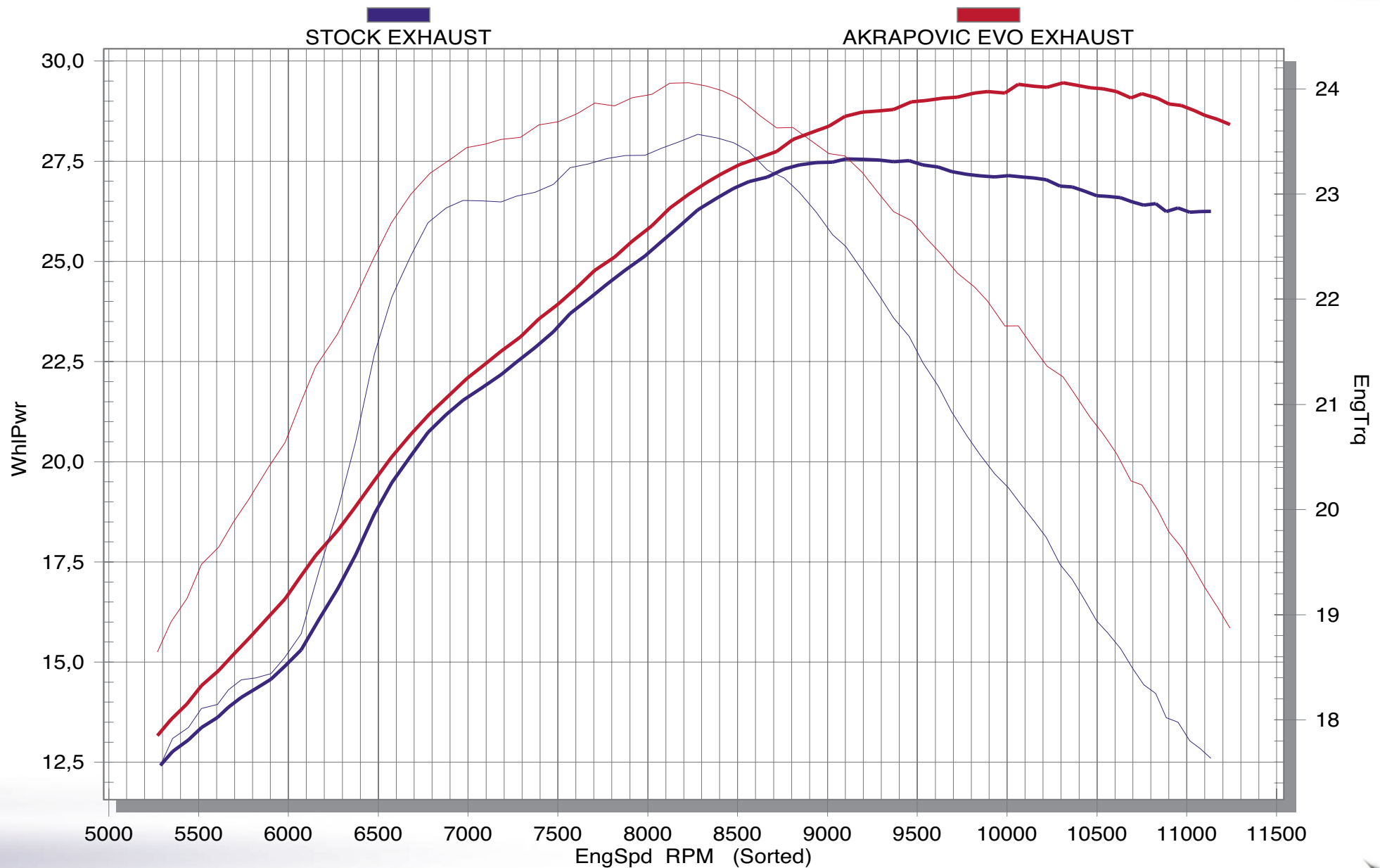


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