UPGRADE KITS
Faster throttle response, more torque and power

Tune your engine!

- Husqvarna TC65 ’17->
- Husqvarna TC85 ’14->’17
- Husqvarna TC85 ’18->
- Husqvarna TC125 ’16->
- Husqvarna TC250 ’17->
- Kawasaki KX85 ’00->
- KTM 65SX ’09->
- KTM 85SX ’13->’17
- KTM 85SX ’18->
- KTM 125SX ’16->
- KTM 150SX ’16->
- KTM 250SX ’17->
- TM MX85 ’13->
- Yamaha YZ85 ’19->
- Yamaha YZ125 ’05->
UPGRADE KIT

BENEFITS
The upgrade kit is specially composed to gain the best performance from your 65cc bike with VHM parts. This combination of high performance parts will ensure a faster throttle response, more torque and power for the fastest lap times on track. The bike will also give a better handling and higher corner speed.

VHM UPGRADE PARTS

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33112</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32167-059</td>
</tr>
<tr>
<td>12° Piston kit (Ø44.96)</td>
<td>APKT06521722B</td>
</tr>
<tr>
<td>Crankshaft (middle inertia)</td>
<td>AK20097-1</td>
</tr>
<tr>
<td>CDI unit (map 1 = VHM)</td>
<td>CD060218</td>
</tr>
<tr>
<td>Powervalve adjuster</td>
<td>DA31153</td>
</tr>
<tr>
<td>Powervalve base</td>
<td>DA31181</td>
</tr>
<tr>
<td>Exhaust flange</td>
<td>DA31194</td>
</tr>
</tbody>
</table>

Scan for video

KTM 65SX '09–>
Husqvarna TC65 '17–>
COMPLEMENTARY UPGRADE PARTS

Besides our own developed VHM products, a HGS exhaust and powervalve including axle will also give your KTM 65SX a performance boost.

<table>
<thead>
<tr>
<th>HGS PART NUMBERS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust ‘16-&gt;</td>
<td>HG06E211</td>
</tr>
<tr>
<td>Silencer ‘16-&gt;</td>
<td>HG06S211</td>
</tr>
<tr>
<td>Silencer ‘16-&gt; Blue</td>
<td>HG06S211B</td>
</tr>
<tr>
<td>Silencer ‘16-&gt; Orange</td>
<td>HG06S211O</td>
</tr>
<tr>
<td>Silencer ‘16-&gt; Blue with carbon end cap</td>
<td>HG06S211BC</td>
</tr>
<tr>
<td>Exhaust ‘09-’15</td>
<td>HG06E210</td>
</tr>
<tr>
<td>Silencer ‘09-’15</td>
<td>HG06S210</td>
</tr>
<tr>
<td>Silencer ‘09-’15 Blue</td>
<td>HG06S210B</td>
</tr>
<tr>
<td>Silencer ‘09-’15 Orange</td>
<td>HG06S210O</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Powervalve + axle</td>
<td>DA31028</td>
</tr>
</tbody>
</table>

www.vhm.nl/upgradekits
**UPGRADEKIT**

**KTM 85SX '13-'17**

**Husqvarna TC85 '14-'17**

**BENEFITS**

The combination of the cylinder head and VHM 12° billet piston provides faster throttle response, torque and power. With our VHM high inertia crankshaft modification, the crank will transfer the high engine power output smoothly to the rear wheel, without being too aggressive. It will ensure better handling and riding for the young riders!

**VHM UPGRADE PARTS**

<table>
<thead>
<tr>
<th>Part</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33145</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32226-056</td>
</tr>
<tr>
<td>12° Piston kit (Ø46.95)</td>
<td>APKT08521707A</td>
</tr>
<tr>
<td>Crankshaft modification (high inertia)</td>
<td>AK20161-002</td>
</tr>
<tr>
<td>Oil air-vent plug</td>
<td>DA31210</td>
</tr>
</tbody>
</table>

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[@VHMspecialracingproducts](https://www.youtube.com/c/VHMspecialracingproducts/)  
[www.vhm.nl](http://www.vhm.nl)
Tune your bike with the same VHM high performance parts as used by many previous World, European and National champions!

COMPLEMENTARY UPGRADE PARTS
Besides our own developed VHM products, a HGS exhaust and V-force 4 will also give your KTM 85SX / Husqvarna TC85 a performance boost.

<table>
<thead>
<tr>
<th>HGS PART NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust ‘04-’17</td>
</tr>
<tr>
<td>Silencer ‘04-’17</td>
</tr>
<tr>
<td>Silencer ‘04-’17 Blue</td>
</tr>
<tr>
<td>Silencer ‘04-’17 Orange</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>V-FORCE PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-force 4 ’03-&gt;</td>
</tr>
</tbody>
</table>

www.vhm.nl/upgradekits
BENEFITS
Considerably increase your bike’s mid to top range power with our VHM cylinder head, insert, 12° piston, air intake and crankshaft. Optimized in combination with our VHM ignition map from the CDI unit.

<table>
<thead>
<tr>
<th>VHM UPGRADE PARTS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33171</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32281-013</td>
</tr>
<tr>
<td>12° Piston kit (Ø46.95)</td>
<td>APKT08521707A</td>
</tr>
<tr>
<td>Crankshaft (middle inertia)</td>
<td>AK20225</td>
</tr>
<tr>
<td>CDI unit (map 1 = VHM)</td>
<td>CD060318</td>
</tr>
<tr>
<td>Oil air-vent plug</td>
<td>DA31210</td>
</tr>
<tr>
<td>Air intake</td>
<td>AI060318</td>
</tr>
</tbody>
</table>
Tune your bike with the same VHM high performance parts as used by many previous World, European and National champions!

COMPLEMENTARY UPGRADE PARTS
Besides our own developed VHM products, a HGS exhaust and V-force 4 will also give your KTM 85SX / Husqvarna TC85 a performance boost.

<table>
<thead>
<tr>
<th>HGS PART NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust ‘18-&gt;</td>
</tr>
<tr>
<td>Silencer ‘18-&gt;</td>
</tr>
<tr>
<td>Silencer ‘18-&gt; Blue</td>
</tr>
<tr>
<td>Silencer ‘18-&gt; Blue with carbon endcap</td>
</tr>
<tr>
<td>Silencer ‘18-&gt; Orange</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>V-FORCE PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-force 4 ‘03-&gt;</td>
</tr>
</tbody>
</table>
Yamaha YZ85 '19–

Benefits
Increase your engine’s power with our VHM cylinder head, insert, 12° piston kit, CDI unit and high inertia crankshaft. The crankshaft will transfer the high power output smoothly to the rear wheel for better traction, handling and faster driving. The quality of our crankshaft with hardened crankweb definitely exceeds OEM, considerably leading to less vibrations and less runout.

VHM Upgrade Parts

<table>
<thead>
<tr>
<th>Component</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33176</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32286-029</td>
</tr>
<tr>
<td>12° Piston kit (Ø47.45)</td>
<td>APYZ08521757A</td>
</tr>
<tr>
<td>Crankshaft (high inertia)</td>
<td>AK20235B</td>
</tr>
<tr>
<td>CDI unit (map 1 = VHM)</td>
<td>CD020319</td>
</tr>
</tbody>
</table>
Tune your bike with the same VHM high performance parts as used by many previous World, European and National champions!

**COMPLEMENTARY UPGRADE PARTS**

Besides our own developed VHM products, a HGS exhaust and V-force 4 will also give your **Yamaha YZ85** a performance boost.

<table>
<thead>
<tr>
<th><strong>HGS PART NUMBERS</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust ‘19-→</td>
<td>HG02E311</td>
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<tr>
<td>Silencer ‘19-→</td>
<td>HG02S311</td>
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<table>
<thead>
<tr>
<th><strong>V-FORCE PART NUMBER</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>V-force 4 ‘19-→</td>
<td>V4R82A-i</td>
</tr>
</tbody>
</table>

[www.vhm.nl/upgradekits](http://www.vhm.nl/upgradekits)
BENEFITS
Our VHM 12° piston kit, manufactured from high grade aluminium, keeps its high performance during lifetime. The VHM middle inertia crankshaft with modified balance and inertia ensures less vibration and smooths the power delivery to the rear wheel. These tuning parts are further optimized by using our VHM ignition map from our CDI unit.

VHM UPGRADE PARTS

<table>
<thead>
<tr>
<th>Part</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33156</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32257-026</td>
</tr>
<tr>
<td>12° Piston kit (Ø53.95)</td>
<td>APKT12511673A</td>
</tr>
<tr>
<td>Crankshaft (middle inertia)</td>
<td>AK20213</td>
</tr>
<tr>
<td>CDI unit (map 1 = VHM)</td>
<td>CD060416</td>
</tr>
<tr>
<td>Air intake</td>
<td>AI060416</td>
</tr>
</tbody>
</table>
Tune your bike with the same VHM high performance parts as used by many previous World, European and National champions!

COMPLEMENTARY UPGRADE PARTS
Besides our own developed VHM products, a HGS exhaust and V-force 4 will also give your KTM 125SX / Husqvarna TC125 a performance boost.

<table>
<thead>
<tr>
<th>HGS PART NUMBERS</th>
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</thead>
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<tr>
<td>Exhaust ’19-&gt;</td>
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<tr>
<td>HG06E412</td>
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<td>Silencer ’19-&gt;</td>
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<tr>
<td>HG06S412</td>
</tr>
<tr>
<td>Silencer ’19-&gt; Blue</td>
</tr>
<tr>
<td>HG06S412B</td>
</tr>
<tr>
<td>Silencer ’19-&gt; Orange</td>
</tr>
<tr>
<td>HG06S412O</td>
</tr>
<tr>
<td>Exhaust ’16-18</td>
</tr>
<tr>
<td>HG06E411</td>
</tr>
<tr>
<td>Silencer ’16-18</td>
</tr>
<tr>
<td>HG06S411</td>
</tr>
<tr>
<td>Silencer ’16-18 Blue</td>
</tr>
<tr>
<td>HG06S411B</td>
</tr>
<tr>
<td>Silencer ’16-18 Blue with</td>
</tr>
<tr>
<td>carbon endcap</td>
</tr>
<tr>
<td>HG06S411BC</td>
</tr>
<tr>
<td>Silencer ’16-18 Orange</td>
</tr>
<tr>
<td>HG06S411O</td>
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</table>

<table>
<thead>
<tr>
<th>V-FORCE PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-force 4 ’16-&gt;</td>
</tr>
<tr>
<td>V4R26</td>
</tr>
</tbody>
</table>

www.vhm.nl/upgradekits
Yamaha YZ125 '05–>

BENEFITS
The combination of a VHM piston with 3mm higher position of the piston pin bore and 3mm longer connecting rod leads to less side load on the piston skirt and frictional losses. The results are high performance, better throttle response, more torque and power. All VHM crankshafts are heat treated for strength and durability and can be overhauled many times without losing its rigidity.

VHM UPGRADE PARTS

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33077</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32100-C</td>
</tr>
<tr>
<td>12° Piston kit (Ø53.95) use s/e bearing 20mm width</td>
<td>APYZ12521714A</td>
</tr>
<tr>
<td>Crankshaft (high inertia, +3mm conrod)</td>
<td>AK20192-1</td>
</tr>
</tbody>
</table>

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Tune your bike with the same VHM high performance parts as used by many previous World, European and National champions!

COMPLEMENTARY UPGRADE PARTS
Besides our own developed VHM products, a HGS exhaust and V-force 4 will also give your Yamaha YZ125 a performance boost.

HGS PART NUMBERS

<table>
<thead>
<tr>
<th>Part</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust ‘05-&gt;</td>
<td>HG02E410</td>
</tr>
<tr>
<td>Silencer ‘05-&gt;</td>
<td>HG02S410</td>
</tr>
<tr>
<td>Silencer ‘05-&gt; Blue</td>
<td>HG02S410B</td>
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</tbody>
</table>

V-FORCE PART NUMBER

<table>
<thead>
<tr>
<th>Part</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-force 4 ’05-&gt;</td>
<td>V4R04</td>
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</table>

SMALL END BEARING 20MM WIDTH

<table>
<thead>
<tr>
<th>Bearing</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProX</td>
<td>21.3206</td>
</tr>
<tr>
<td>Vertex</td>
<td>8-WB111</td>
</tr>
</tbody>
</table>

www.vhm.nl/upgradekits
KTM 250SX ’17–

Husqvarna TC250 ’17–

**BENEFITS**
The VHM cylinder head will lead to more engine power and a better heat transference. The combination of our 12° piston kit and complementary insert will improve your bike’s top end power.

---

**VHM UPGRADE PARTS**

<table>
<thead>
<tr>
<th>Part</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33166</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32272-024</td>
</tr>
<tr>
<td>12° Piston kit (Ø66.34)</td>
<td>APKT25021754A</td>
</tr>
</tbody>
</table>

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Tune your bike with the same VHM high performance parts as used by the European and many National champions!

COMPLEMENTARY UPGRADE PARTS
Besides our own developed VHM products, a HGS exhaust and V-force 4 will also give your KTM 250SX / Husqvarna TC250 a performance boost.

<table>
<thead>
<tr>
<th>HGS PART NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust ‘19-→     HG06E612</td>
</tr>
<tr>
<td>Silencer ‘19-→     HG06S612</td>
</tr>
<tr>
<td>Silencer ‘19-→ with carbon endcap HG06S612C</td>
</tr>
<tr>
<td>Exhaust ‘17-18     HG06E611</td>
</tr>
<tr>
<td>Silencer ‘17-18     HG06S611</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>V-FORCE PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-force 4 ‘17-→    V4R26</td>
</tr>
</tbody>
</table>

www.vhm.nl/upgradekits
**Kawasaki KX85 '00-→**

**BENEFITS**
Extra performance with this cylinder head, insert and cranskhaf modification. The modification can be performed by us on your OEM crankshaft.

<table>
<thead>
<tr>
<th>VHM UPGRADE PARTS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33151</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32240-E</td>
</tr>
<tr>
<td>Crankshaft modification (middle inertia)</td>
<td>AK20178-002</td>
</tr>
</tbody>
</table>

**TM MX85 '13-→**

**BENEFITS**
Extra power with our VHM cylinder head and insert. Also available, a VHM piston kit for MX85!

<table>
<thead>
<tr>
<th>VHM UPGRADE PARTS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33070</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32089-H</td>
</tr>
<tr>
<td>Piston kit (Ø47.89)</td>
<td>APTM08521702E</td>
</tr>
</tbody>
</table>
KTM 150SX '16–

**BENEFITS**
Extra power with our VHM cylinder head and insert. The crankshaft will give less vibrations and increased performance.

**VHM UPGRADE PARTS**

<table>
<thead>
<tr>
<th>Part</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder head</td>
<td>AA33157</td>
</tr>
<tr>
<td>Insert</td>
<td>AE32260-E</td>
</tr>
<tr>
<td>Crankshaft (middle inertia)</td>
<td>AK20215</td>
</tr>
</tbody>
</table>
VHM Merchandise

VHM Social Media

www.vhm.nl/merchandise