

VHM *Various products*

**KTM 65SX**                      **2009 - 2018**

**Husqvarna TC65**            **2017 - 2018**

Partnumber	Description
RV37006	Reed valve system



Spare parts	Description	Standard	Optional	Content
37302	Gasket reedvalve			1x gasket
RV37715-C	Reed petals 0,25 mm	•		2x carbon reed petals

The reed valve house has the best flow and is made of high quality aluminum. With the combination of special carbon reeds and stoppers, more torque and power in the lower and upper rpm range are gained compared to the standard reed valve. The improved results on the Dyno and on the track confirms the performance of the VHM reed valve.

**KTM 65SX**                      **2009 - 2018**

**Husqvarna TC65**            **2017 - 2018**

Partnumber	Description
DA31181	Power valve base



The VHM power valve base is made from high quality aluminum machined from solid. The power valve base is designed with a stronger center base which provides a better support and guidance of the power valve. The power valve will always function during all circumstances.

The VHM power valve base fits the VHM cylinder head (part number AA33112) as well as the OEM cylinder head.

**KTM 65SX**                      **2009 - 2018**

**Husqvarna TC65**            **2017 - 2018**

Partnumber	Description
DA31153	Power valve adjuster with 2 stage spring



Spare parts	Description	Content
31155KIT001	Progressive spring + holder	1x progressive spring, 1x holder

When using another exhaust pipe, it will influence the opening of the power valve. With the VHM power valve adjuster with 2 stage spring, you are able to adjust the opening timing of the power valve easily with the screw. The first stage of the spring allows the power valve open very easily for a better and direct response. The second part of the spring keeps the power valve fully open for a maximum exhaust flow. The VHM power valve adjuster is made from high quality aluminum machined from solid.

The VHM power valve adjuster fits the VHM cylinder head (part number AA33112), VHM power valve base (part number DA31181) as well as the OEM cylinder head and power valve base.

**KTM 65SX**                      **2009 - 2018**

**Husqvarna TC65**            **2017 - 2018**

Partnumber	Description
DA31194	Exhaust flange



Use the VHM exhaust flange and exhaust leaking is history. The exhaust pipe with O-ring seals fits perfectly on the VHM exhaust flange.

The VHM exhaust flange is made of high grade aluminum and has a another design with springholder. The original bracket for the spring is not necessary.

**KTM 65SX**                      **2009 - 2018**

**Husqvarna TC65**            **2017 - 2018**

Partnumber	Description
DA31028	Powervalue + axle



**KTM 85SX**                      **2013 - 2018**

**Husqvarna TC85**            **2014 - 2018**

Partnumber	Description
DA31210	Oil air-vent plug

With the VHM oil air-vent plug, no oil can flood out of the plug. The plug has separate chambers were air can extract, but oil



remains in the engine.

## VHM *Various products*

Partnumber	Description	Brand	Type	Year from	Year till
DA31196	Ignition cover	KTM	85SX	2013	2017
DA31196	Ignition cover	Husqvarna	TC85	2014	2017



VHM ignition cover made from one piece billet material, stronger than the stock ignition cover. The cover is precision machined, hard anodized for a high wear resisting surface.

Partnumber	Description	Brand	Type	Year from	Year till
DA31079	Handlebar stabilizer Ø28	Honda	CR125R, CR250R, CRF250R, CRF450R		
DA31086	Handlebar stabilizer Ø28	KTM	125SX, 150SX, 250SX/EXC/SX-F, 300SX/EXC, 350SX-F/EXC-F, 450SX-F/EXC-F		



The VHM handlebar stabilizer provides more stability and assures the handlebar is always fixed on the clamp.

Partnumber	Description	Brand	Type	Year from	Year till
DA31171	Clutch axle aluminum/steel	Honda	CRF250R	2010	2013
DA31205	Clutch axle aluminum/steel	Honda	CRF250R	2014	2015
DA31160	Clutch axle aluminum/steel	Honda	CRF450R	2009	2012
DA31197	Clutch axle aluminum/steel	Honda	CRF450R	2013	2016
DA31229	Clutch axle aluminum/steel	Honda	CRF450R	2017	2018
DA31230	Clutch axle aluminum/steel for Hinson 8-plate kit	Honda	CRF450R	2017	2018
DA31166	Clutch axle aluminum/steel	Suzuki	RM-Z450	2008	2018



The standard clutch axle is made from one piece of steel. With an engine running at higher operating , the standard clutch axle expand less than the rest of the engine, which gives more play on the clutch lever. This will result in a bad performing clutch.  
The VHM clutch axle is made from hard anodised steel and the middle of the axle is made from aluminum. The VHM clutch axle will expand and shrink exactly the same as the rest of the engine. Whether the engine is hot or cold, the clutch lever will always work perfectly.

Partnumber	Description	Brand	Type	Year from	Year till
DA31173	Powertube	KTM	250EXC-F, 350EXC-F, 450EXC, 500EXC	2012	
DA31168	Powertube	Suzuki	RM-Z250	2010	2014
DA31172	Powertube	Yamaha	YZ450F	2010	2013



After installing the power tube on the throttle body, it improves bottom power at part throttle openings, a better and smooth throttle response without re-mapping the ECU.

The power tube is manufactured from solid aluminum, it's lightweight with a high quality finish.

## VHM *Various products*

Partnumber	Description	Brand	Type	Year from	Year till
DA31031	Powervalue cover	Kawasaki	KX85	2000	2018



The standard power valve covers are made from synthetic material and deforms when the engine gets hot. Dirt and mud can enter the power valve mechanism which will cause engine problems.

The VHM power valve covers are made from high quality aluminum. The cover seals perfect during all circumstances and no dirt or mud can enter the power valve mechanism.

Partnumber	Description	Brand	Type	Year from	Year till
DA31195	Short intake (L19) + plastic reed valve insert (V43)	TM	K9B/C - KZ10	2008	2012
DA31195-A	Extra short intake (L16) + plastic reed valve insert (V40) ***	TM	K9B/C - KZ10	2008	2012
DA31195-A	Intake (L16) + plastic reed valve insert (V40)	TM	KZ10B/C	2013	2017



Using the short intake plate and reed valve insert will improve the engine response. The intake plate is made of high grade aluminum and includes an O-ring seal. No liquid gaskets and cleaning is necessary. The plate is extra strong due to the reinforcement ribs. The reed valve insert has a better shape and another volume for better engine performance. The OEM rubber intake fits perfectly on the aluminum plate (rubber intake not included).

The intake is available in a short and extra short version and is suitable for the TM K9B/C and KZ10 karting engines. The KZ10B/C already has a extra short intake.

\*\*\* When using the extra short intake, modification on the reed valve housing is needed

Partnumber	Description	Brand	Year from	Year till
CRG001	16 position caster camber pills 2.25 mm Stainless Steel	CRG, Zanardi, Maddox and Maranello		
CRG002	16 position caster camber pills offset 2.25 mm aluminium	CRG, Zanardi, Maddox and Maranello		
CRG003	16 position caster camber pills offset 1.125 mm aluminium	CRG, Zanardi, Maddox and Maranello		



With the VHM excenters the adjustment of the camber and caster is increased by the 16 hole. On the excenter a trust edge has been introduced so that the camber and caster can be adjusted very easy by hand without any special tool.

The VHM excenters are made of aluminum or stainless steel and are suitable for the CRG, Zanardi, Maddox and Maranello karts.

Partnumber	Description	Brand	Type	Year from	Year till
DA31204	Oil air-vent plug	TM	K9B/C - KZ10 - KZ10B - KZ10C	2008	2017



Oil air-vent plug for the karting engine TM K9B/C, KZ10/B/C. The OEM oil plug needs a hose for air breathing, but oil can flood out of the engine through the hose of the plug. With the VHM oil air-vent plug, no oil can flood out of the plug. The plug has separate chambers were air can extract, but oil remains in the engine.

## VHM *Measuring tools & spare parts*

Partnumber	Description	Content
AM34012	Measuring tool 85 cc	1x Measuring tool 85 cc, dial indicator not included
AM34013	Measuring tool 125 cc	1x Measuring tool 125 cc, dial indicator not included
AM34014	Measuring tool 250 - 300 cc	1x Measuring tool 250 cc, dial indicator not included



To use the VHM cylinder head correctly, the piston height is a very important value to set up. The piston height measuring tool is a very clever tool to measure the piston height. There are 3 types available depending on the capacity of the engine. The tool comes complete with the upper and lower part of the tool. The dial indicator is separate available.

Partnumber	Description	Content
AM36007	Dial indicator Horex	1x Dial indicator



Partnumber	Description	Content
AM36018	Pipet 20 ml	1x pipet 20 ml
AM36019	Pipet 25 ml	1x pipet 25 ml



With the pipet you are able to easily measure the volume of each combustion chamber. The graduation of the pipet is very accurate with 0.10 ml.

Partnumber	Description	Content
AM36020	Tap for pipette	1x tap



The tap for the pipette is very easy to use when measuring the combustion chamber volume.

Partnumber	Description	Content
BD35030	Copper Washer 8,5 x 17 x 2	1x copper washer
BD35032	Copper Washer 6,5 x 14 x 1,5	1x copper washer
BD36006	Copper Washer 6 x 10 x 1	1x copper washer
BD36009	Nutcap 8 mm	1x Nutcap
BD36021	Nutcap 6 mm	1x Nutcap
DA31109 1MM	Spark plug ring 1 mm stainless steel	1x ring
DA31109 2MM	Spark plug ring 1 mm stainless steel	1x ring
DA31109 3MM	Spark plug ring 1 mm stainless steel	1x ring
DA31109 4MM	Spark plug ring 1 mm steel	1x ring



Washer



Nutcap



Spark plug ring