

# Absima « Revenge CTM »

(Competition Team Motor)

Thank you that you have chosen a product of the "Revenge CTM" series. Here you get a high quality competition product, developed by racers for racers, to win races.

Please read the instructions carefully. By using this product you agree to the terms of the warranty of Absima GmbH.

## Precautions & Warnings

Read these instructions carefully before using your new motor!

Make sure that the motor temperature does not exceed 80°C, fit the reduction ratio of the engine when it is too hot. When mounting the motor, pay attention to the correct length of screws and not to over-tighten them with excessive torque force.

## Assembly

The screws should not protrude more than 5mm in the motor housing as this could damage the motor winding.

Damage caused by excessively long screws will not be covered by the warranty.

Please note that the solder connections are marked A, B and C and connect the motor to the controller as described. During the soldering process, ensure that the connections are not shorted by solder to each other.

## Cleaning & Maintenance

Clean your Revenge Motor regularly in the area of ball bearings with brush and oil to the ball bearings with suitable ball bearing oil.

## Gear Ratio & Timing

By the gear ratio you can see based on the temperature if the engine is operating effectively, the temperature should never exceed 80°C. Approach slowly to the right gear ratio to avoid damage of the motor.

On the side of the motor is a scale where you can see the position of the timing. By loosening the rear screws you can twist the timing shield.

### Attention:

An increase of the timing brings automatically an increase of the temperature. This depends on both, the timing that is on the motor, as well as the timing, which is simulated with the controller. Please make sure that you be very careful with the adjustment of the timings etc.

## Technical Information

Approved for:	1:8 Scale*				
Part no.:	<b>2130040</b>	<b>2130044</b>	<b>2130041</b>	<b>2130042</b>	<b>2130043</b>
Turns:	<b>1750 KV</b>	<b>1900 KV</b>	<b>2100 KV</b>	<b>2300 KV</b>	<b>2500 KV</b>
RPM-V:	1750	1900	2100	2300	2500
Power:	1670W	1850W	2070W	2100W	2650W
Current A:	110A	120A	125A	145A	160A
Efficiency:	88%	88%	88%	88%	86%
Voltage:	4-6S	4-6S	4-6S	4-6S	3-4S
Poles:	4 Pole	4 Pole	4 Pole	4 Pole	4 Pole
Sensor:	Yes				
Adjust. timing:	Yes				
Ø w/o fins:	42mm				
Shaft diameter:	5mm / Module 1				

Shaft length:	18,3mm
Length:	69mm
Weight:	320gr

### General warranty provisions

All products of ABSIMA GmbH are manufactured according to very strict quality guidelines. The statutory warranty on manufacturing and material defects which existed at the time of delivery; ABSIMA GmbH takes over the course in full.

No warranty for defects listed below:

- Mechanical damage, or destruction of housing or components
  - Third-party intervention
  - Improper use
- Poor or lack of maintenance.

When sending the product for repair, please ensure that all other components are working properly.

### Regulations for repair

If you return the product for repair, please tell us unequivocally with whether the product is to be repaired. Both the product testing, as well as any repair is chargeable, unless a warranty or warranty claim exists. Only attach the proof of purchase (a copy is sufficient), a guarantee or warranty can be accepted. On request, a fee-based service offering can be created, to which we are bound for 14 days from date of issue.

It should come after a repair, the cost of the repair quote you will of course not be charged.

### Advantageous in the case of service:

- Exact and detailed error description
  - Your complete address data
- Telephone number for any possible questions

### Declaration of conformity

For the products manufactured by Absima GmbH mentioned in this manual the compelling and relevant EC Directive will apply:

**EMV-Directive: 2004/108/EG**



The following special directives will apply:

**EN 61000-6-1:2007**

**EN 61000-6-3:2007**



This symbol on the products and / or accompanying documents means the used electrical and electronic products must be at the end of their lifetime separated from household waste. Please take these products for the treatment, recovery and recycling to designated collection points, which will receive the devices free of charge. The proper disposal of this product, prevent any potential adverse effects on humans and the environment which could otherwise arise from inappropriate waste handling at the end of its lifetime. For more details of your nearest designated collection point, contact your local authority.

For business users in the European Union, please contact your dealer or supplier for further information if you wish to dispose electrical and electronic equipment. He holds further information ready for you.

Information on disposal in other countries outside the European Union.

This symbol is only valid in the European Union.

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