

Absima « Revenge CTM »

(Competition Team Motor V3)

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 tight them with too 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 oils 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 :	Touring Car; 4WD Buggy 1/10				Touring Car; 2WD + 4WD Buggy 1/10			2WD Buggy; Truck; SC 1/10		2WD Buggy; Truck; SC- stock classes 1/10			
Part no.:	2130 050	2130 051	2130 052	2130 053	2130 054	2130 055	2130 056	2130 057	2130 058	2130 059	2130 060	2130 061	2130 062
Turns:	3,5T	4,0T	4,5T	5,0T	5,5T	6,5T	7,5T	8,5T	9,5T	10,5T	13,5T	17,5T	21,5T
RPM-V:	9050	7950	7240	6570	6090	5300	4750	4230	3610	3880	3400	2780	2280
Power:	730W	720W	650W	60W	540W	510W	480W	390W	360W	330W	285W	210W	160W
Current A:	93A	86A	77A	73A	68A	62A	56A	50A	47A	45A	35A	27A	20A
Efficiency:	90%	91%	92%	92%	92%	93%	93%	94%	94%	95%	95%	96%	96%
Voltage:	1-2S	1-2S	1-2S	1-2S	1-3S	1-3S	1-3S	1-3S	1-3S	1-3S	1-3S	1-3S	1-3S
Poles	2	2	2	2	2	2	2	2	2	2	2	2	2
Sensor	Yes												
Adjust.timing	Yes												

Ø w/o fins	35.8 mm
Shaft diameter	3,175 mm
Shaft length	15,2 mm
Length	51.8 mm
Weight	165 gr

Approved for:	1:8 Scale				
Part no.:	2130063	2130067	2130064	2130065	2130066
Turns:	1750 KV	1900KV	2100 KV	2300 KV	2500 KV
RPM-V:	1750	1900	2100	2300	2500
Power:	1670W	1830W	2070W	2100W	2650W
Current A:	110A	118A	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				
Shaft length:	18,3mm				
Length:	69mm				
Weight:	320gr				

General warranty provisions

Absima GmbH products will be manufactured in accordance with the highest quality criteria.

We provide the legal guarantee, to be free of defect on material and workmanship, which existed at the time of delivery of the product. There will be no liability for typical use sign of wear.

The warranty does not cover defects which are a result of misuse, improper maintenance, or mechanical damage.

This is among on other things:

o Outside mechanical damage.

o Mechanical damage to the components

Before returning your product for repair, please check all other components in order o avoid any operator error.

Regulations for repair

By returning of the product, the customer, should identify whether the product will be repaired in any case or not. In the case that no warranty or guarantee applies, the product testing and possible repair or service will be charged according to our price list. A guarantee or warranty can only be accepted if a copy of your receipt is attached. On request we will offer you a repair quote. On our repair quote, we are bound for two weeks from the date of issue. By carrying out the repair cost fort he repair quote will not be charged. For quick repair and return service, please provide a detailed description oft he failure and full address details.

Declaration of conformity

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

EMV-Directive: 2014/30/EU



The CE Declaration of Conformity can be downloaded from our homepage:
<http://www.absima.com/en/index.php/downloads/erklaerungen/>



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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