

MAX-THRUST.COM



# EASYGLIDE AGGRESSOR

R/C Sports Trainer Glider

Assembly And Instruction Manual

**CENTURYUK**



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## **Warning:**

This radio controlled model is not a toy. It requires skill to fly and is not recommended for use by beginners without assistance from an experienced model pilot. It should not be operated by children without the supervision of a suitably experienced adult.

Max-Thrust reserves the right to modify the specification of this model at any time.

## **Safety Precautions**

1. Do not attempt to repair or modify this aircraft with non-factory parts.
2. Never fly this model over roads, railway lines, near to power lines, airports, do not fly this model in excessively strong winds, in the rain, or thunderstorms.
3. Do not fly or launch the model towards people.
4. Keep hands and face away from rotating propeller at all times.
5. We strongly recommend that all fixings and fasteners used in the construction of this model are checked regularly for integrity. Failure to do so could cause a crash, injury to yourself or others around you.
6. We only recommend the use of 2.4GHz radio equipment with this model.

## **Disclaimer**

1. This radio controlled model is not a toy. Used incorrectly it is capable of inflicting serious injury to persons or damage to property. The owner/pilot assumes all responsibility for any damage to persons or property resulting from the use of this product.
2. The manufacturer and distributor decline all responsibility for any liability arising from use of this product.
3. It is very important that you follow all instructions for assembling and setting up of this model. Failure to do so could result in a loss of control and possibly a crash.

## **EPOFLEXY**

“EPOFLEXY” is a very tough and durable material perfect for the manufacture of model aircraft. When using screwed fixings with “EPOFLEXY” components it is important to tighten the screws sufficiently to provide a firm fixing.

Excess tightening could result in the foam material becoming compressed, possibly damaging or distorting the part. We recommend that all fixings are checked regularly for security and safety purposes.

## **Overview**

Thank you for purchasing this MAX-THRUST Easyglide Aggressor radio controlled model aircraft. The Easyglide offers a stunning combination of terrific looks and sensational flight performance. Manufactured from “EPOFLEXY” it is extremely robust, however, in the event of a “less than perfect” arrival, we supply a range of spares to get you flying again in the shortest time. It is capable of a wide range of amazing manoeuvres, with reduced control throws it provides a solid and predictable flight performance, perfect for the beginner sports flyer.

We are certain you will enjoy your new model. Please take the time to read this manual thoroughly and understand its contents completely prior to commencing assembly.

## **Key Features**

- Powerful Brushless Motor
- 40A Brushless Electronic Speed Controller
- Efficient 2 Blade Folding Propeller
- Pre-Installed servos
- “Live” Control Surface Hinges
- Durable “EPOFLEXY” Construction
- Superb Flight Performance

## **Specification**

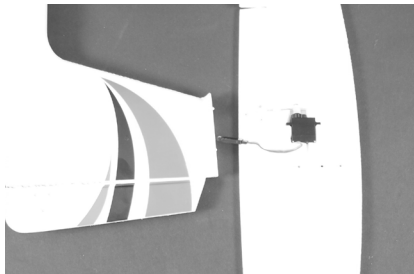
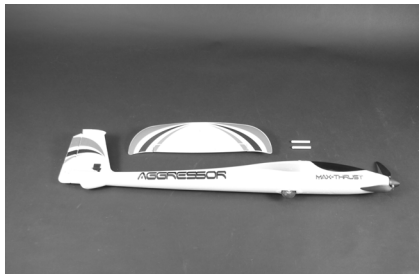
Wingspan:	1800mm
Length:	1100mm
Flying Weight:	900g
Motor:	KV-1150 Out-Runner Brushless
ESC:	40A Brushless
Servos:	4 x 9g
Battery Required:	1800 - 2200mAh 11.1v Li-Po (Not Included)

This manual has been produced by Century UK’s graphic department. Whilst every effort has been made to reproduce accurate information, we reserve the right to change the specifications, equipment, colour etc without prior notice. The information in this manual cannot be recorded as infallible, and as such if you are unsure of anything please check with your local model shop or ourselves before proceeding further.

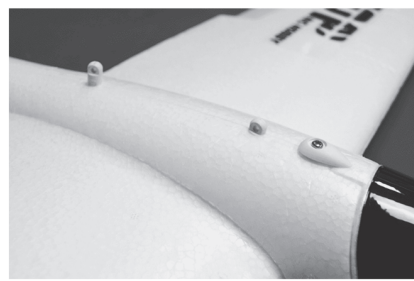
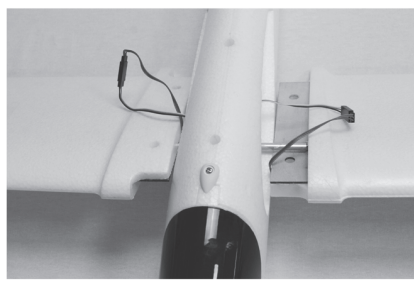
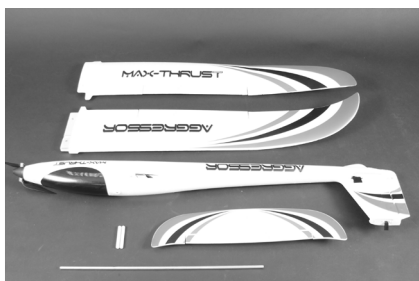


## Assembly process

1. Please take out the fuselage, horizontal wing, accessories bag and then connect the servo plug on the horizontal tailplane with the servo socket on the top of the fin, use the PM2\*16MM screws to install the horizontal tailplane on the vertical fin of the fuselage and fix it firmly.



2. Next insert the aluminium spar in to one half of the wing and then slide this on to the fuselage connecting the servo lead to the lead installed in the fuselage, fit the other wing panel by sliding it on to the spar and then connecting the lead and pushing the 2 halves together. The wings are then held in place by the plastic dowels pushed down from the top of the fuselage and through the wings.



3. You need to install your receiver in to the compartment under the canopy and plug the leads from the servos in to the relevant channels depending on your brand of radio.

For eg, Futaba/Microzone. Channel 1, Ailerons  
Channel 2, Elevator  
Channel 3, Throttle/ESC  
Channel 4, Rudder

Spektrum Channel 1, Throttle/ESC  
Channel 2, Aileron  
Channel 3, Elevator  
Channel 4, Rudder





## Setup and Adjustment

1. Turn on the transmitter and please make sure that there is enough power for the transmitter. Push the joystick of the throttle and throttle trim switch to the lowest position, and keep other trim switch be in the neutral position.



2. Please connect the battery to the ESC plug, and put the battery into the battery compartment, than close the battery cover. Making sure to keep clear of the Prop.



3. Hold the rear part of the fuselage and make sure the prop is safe to spin with nothing that will get caught in it and slowly open the throttle to ensure that the motor is running. The propeller should rotate in a clockwise direction when viewed from the rear.

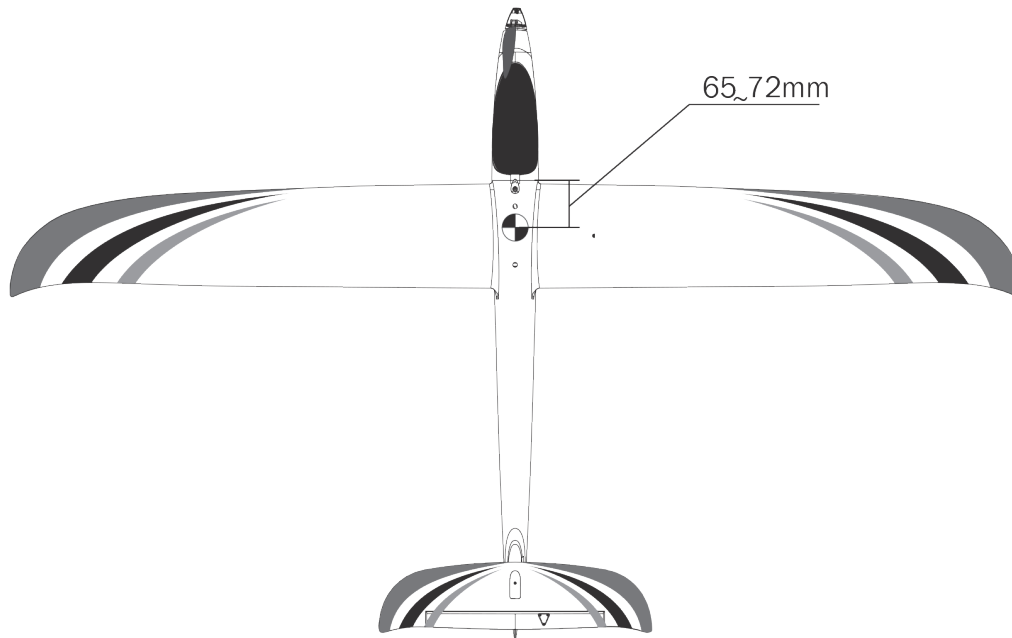


4. Make sure all control surfaces are level and adjust either using the clevises or using the trim on your radio. Check the direction off all control surfaces correspond with the movement of the individual controls. When viewed from the back the left aileron should go up and the right down when the aileron stick is pushed to the left and vice versa when pushed to the right, the elevator should go up when the elevator stick is pulled back and down when pushed forward.





5. Check the position of the center of gravity of the flight to ensure that the position of the center of gravity is within the range shown in the below picture.



6. Your model should now be ready to fly.





## Safety precautions

1. Make sure to follow all regulations with regarding flying model aircraft in your country. In the UK we recomend joining the BMFA. British Model Flying Association. [www.bmfa.org](http://www.bmfa.org)
2. If you have never flown before seek out help where possible or join your local flying club.
3. For the first flight climb the plane gently and trim for level flight with half throttle to fly it when you fly it for your first time,
4. All landings and launches should be done into wind.
5. Do not fly the model over your head or behind you, you should fly the model in front of you.

## Safety Instruction of Li-Po/Ni-MH battery

1. Do not disassemble or reconstruct the battery.
2. Do not short-circuit the battery.
3. Do not use or leave the battery near at fire, stove or heat source.
4. Do not immerse the battery in water or sea water, do not get it wet.
5. Do not charge the battery under the blazing sunlight.
6. Do not peirce the battery, strike it or stand on it.
7. Do not impact or throw the battery.
8. Do not use the battery with and visable damage or deformation.
9. Do not charge a warm battery. Allow it to cool completely before attempting to charge.
10. Do not reverse charge or over discharge the battery.
11. Do not connect the battery to the ordinary charger socket or car cigarette socket.
12. Do not use the battery for unspecified equipment.
13. Do not touch a leaking battery directly, please wash your skin or clothes with water if they are come in to contact by liquid leaking from the battery.
14. Do not mix Li-Poly batteries with other non-chargeable batteries.
15. Do not continue charging the battery over the prescribed time.
16. Do not put the battery into the microwave oven or high-pressure container.
17. Do not use the abnormal battery.
18. Do not use or keep the battery under the sunlight.
19. Do not use the battery nearby the place where generates static electricity (over 64V).
22. Do no charge the battery near flammable materials.
23. Keep the battery away from children.
24. Use the specified charger and observe charging requirement (under 1A).
25. When using by minors, parents should show them to the correct instruction.
26. Do not charge the battery in the model.
27. Never leave the battery connected after flying the model.

## About flight time

The recommended flight time by the manufacturer is using the battery what we request, and the flight test is completed by experienced enthusiasts on a breeze day. This flight time is related to battery parameters, aircraft weight, flight conditions and flight methods. Different conditions may result in different flight times.

It is recommended that enthusiasts use the "timing function" of the remote control during flight. It is recommended that the initial flight time be set within 4 minutes.

When there is a countdown alarm, please land the aircraft and measure the battery voltage. At the end of the battery discharge period, it is forbidden to fly the aircraft into the leeward zone (the far end of the wind direction) to prevent the aircraft from being unable to return safely due to insufficient power.



# Note. Maintenance is the responsibility of the operator of the model.

## Trouble shooting guide

Strict ground inspections must be done before each flight, which can effectively avoid flight accidents.

1. Check if the screws of the whole airplane are installed in place or not, the servo arms and horns are connected reliable or not and wings fixing are locked or not.
2. Install the battery and adjust the aircraft's center of gravity to the recommended position in the manual.
3. Make sure power battery, remote control transmitter battery, etc. are fully charged and in a reliable working condition.
4. Gently push the throttle to check if the propeller is turning correctly or not.
5. After all checks are completed, the flight can be started. The first flight for beginners needs the assistance of experienced enthusiasts to avoid flight accidents due to improper operation.

Problem	Possible Cause	Solution
Aircraft will not respond to the throttlebut responds to other controls.	-ESC is not armed. -Throttle channel is reversed.	-Lower throttle stick and throttle trim to lowest settings. -Reverse throttle channel on transmitter.
Extra propeller noise or extra vibration.	-Damaged spinner, propeller, motor or motor mount. -Loose propeller and spinner parts. -Propellor installed backwards.	-Replace damaged parts. -Tighten parts for propeller adapter, propeller and spinner. -Remove and install propeller correctly.
Reduced flight time or aircraft underpowered.	-Flight battery charge is low. -propeller installed backward. -Flight battery damaged.	-Completely recharge flight battery. -Replace flight battery and follow flight battery instructions.
Control surface does not move, or is slow to respond to control inputs.	-Control surface, control horn, linkage or servo damage. -Wire damaged or connections loose.	-Replace or repair damaged parts and adjust controls. -Do a check of connections for loose wiring.
Controls reversed.	Channels are reversed in the transmitter.	Do the control direction test and adjust controls for aircraft and transmitter.
-Motor loses power -Motor power pulses then motor loses power.	-Damage to motor, or battery. -Loss of power to aircraft. -ESC uses default soft Low Voltage Cutoff(LVC).	-Do a check of batteries, transmitter, receiver, ESC, motor and wiring for damage(replace as needed). -Land aircraft immediately and recharge flight battery.
LED on receiver flashes slowly.	Power loss to receiver.	-Check connection from ESC to receiver. -Check servos for damage. -Check linkages for binding.



Spare part for T1800



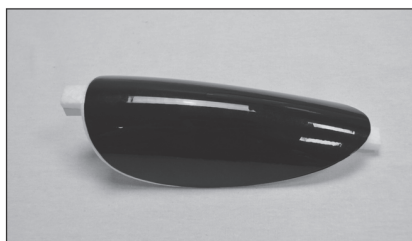
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Fuselage



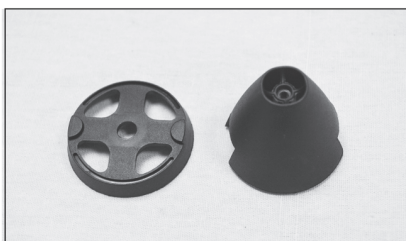
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Main wings



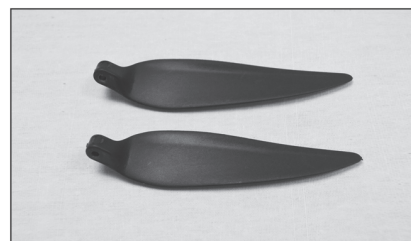
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Horizontal wings



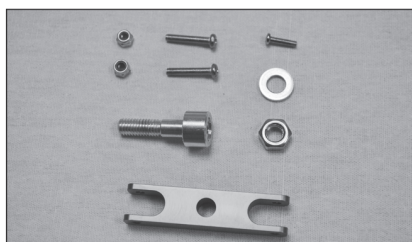
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Canopy



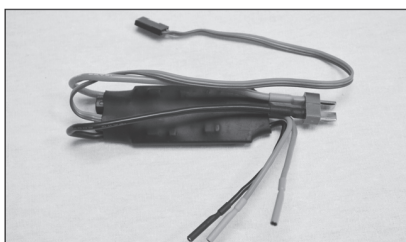
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Spinner



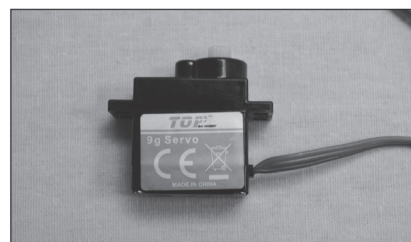
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Propeller



No:top09109  
Adapter for propeller



No:top20401  
40A Brushless ESC



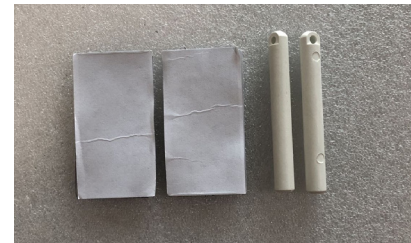
No:top30201  
9g servo(plastic gear)



No:top40602  
Out runner brushless  
C2415-1150kv

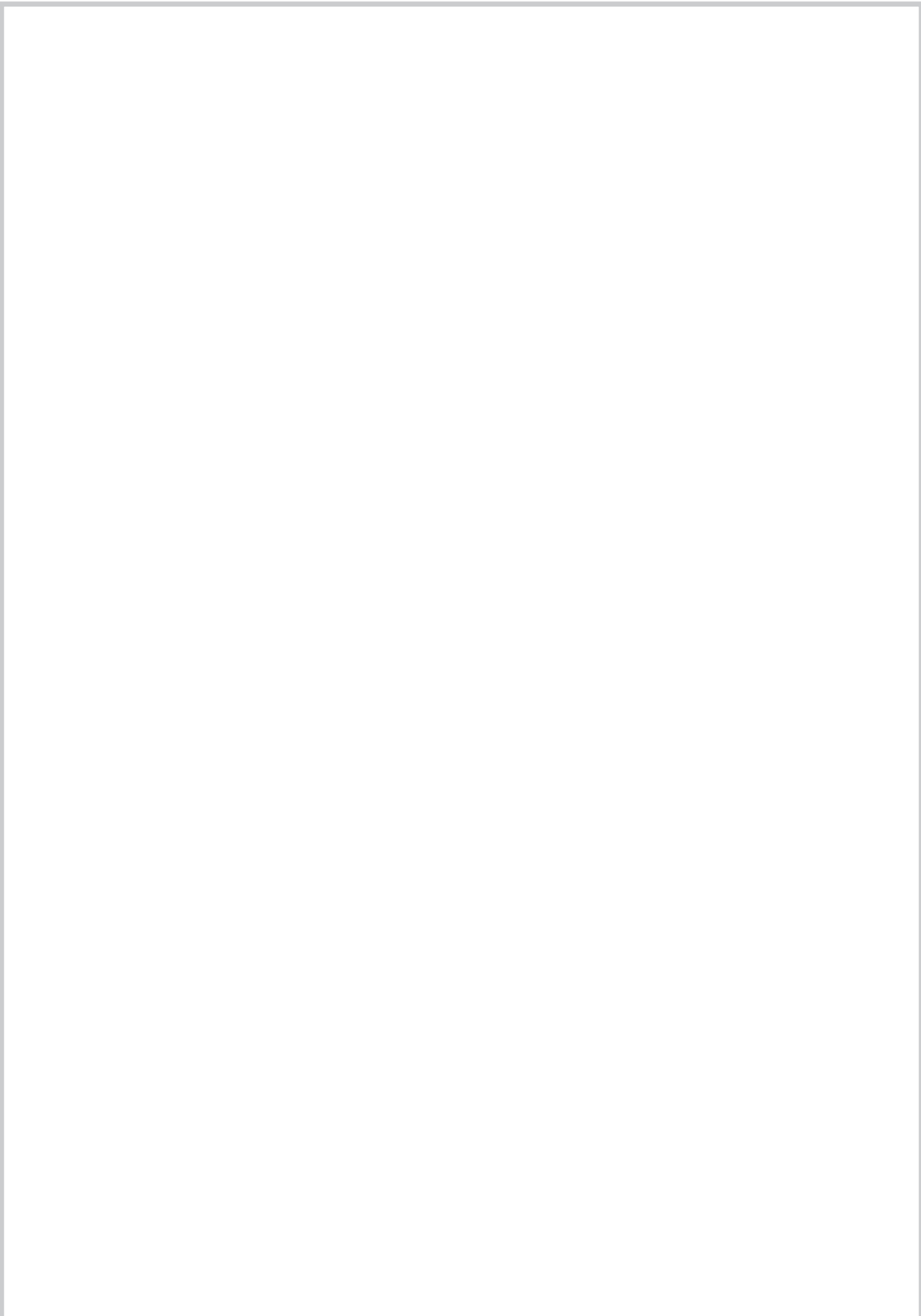


No:top09106  
Wing Connecting Rod



No:top09104  
Wing Securing Pegs





Revision V1.2

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