

Slow Poke



Instruction Manual



Please read this manual carefully
before operating this plane.

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WARNING:

Read this instruction manual fully so as to become completely familiar with the features of this product before operating. Failure to operate this product correctly could result in damage to the product, personal property and cause serious injury. This is a sophisticated hobby product and is NOT a toy. It must always be operated with caution, common sense and some basic mechanical ability. This manual provides instructions as the the assembly, safe operation and maintenance of this hobby product. It is highly recommended that you follow and read fully the instructions and warnings stated in this manual including safety, assembly, set-up and flying guidelines in order to operate this product correctly and avoid damage or serious injury.

SAFETY PRECAUTIONS:

As the user of this product you and you alone are responsible for operating it in a manner that does not endanger yourself and others around you or result in damage to the product or property of others. This product is operated via a radio controlled system that in some cases can be subject to interference from sources outside of your control. Interference may result in a momentary loss of control so it is always recommended that this product be used in a suitably open outdoors space.

- This is a radio controlled flying model and as such must always be flown with caution and care. This is not a toy.
- The Slowpoke is designed for intermediate to advanced pilots.
- Always exercise great caution when using the recommended battery to power this product. For full safety notes and operating procedures, please see information provided by your battery supplier.
- Take great care when connecting/disconnecting the battery. See battery supplier for full safety procedures.
- Never power up the model in confined spaces and always keep the prop clear of obstructions.
- This product is not a toy. Children must be accompanied by an adult at all times if operating this product.
- Only fly this model in an open area away from crowds, people, buildings, tree's, power lines and obstructions.
- Always put safety first when operating this model and consider the warnings stated above.
- The supplier/manufacturer accepts no responsibility for damage or injury caused through the use of the product. Not suitable for children under the age of 14. THIS IS NOT A TOY.

SPECIFICATION

Wingspan: 1200mm(47.2")

Flying weight: 1660g.(58 oz)3/4 cell

Length: 940mm(37")

Servos: 4x9g type (2 aileron, vertical tail, horizontal tail)

Motor: Aerostar 3648 700Kv brushless outrunner.

12"x6" 2 bladed propeller

AeroStar 40A ESC

2200mah 3S Lipo Battery



CONTENTS OF BOX



1. Fuselage

3. Horizontal Tail

5. Main landing gear

2. Main wing

4. Vertical tail

6. Propeller/Spinner

REQUIRED TO COMPLETE MODEL:

In its 'DuraFly Slow Poke' 1200mm' will still require some additional electronic components to get it 'flight ready'. DuraFly recommends the products below for optimum performance and great value.

Available at hobbyking.com



OrangeRx T-SIX 2.4GHz 6CH
Programmable Tx:
Part No. 9403000001 Mode 1
9403000002 Mode 2

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OrangeRx R620X
6Ch 2.4Ghz:
Part No. 9171000757-0



Zippy Compact 2200mah
4S 40C Lipo:
Part No. 9067000026-0

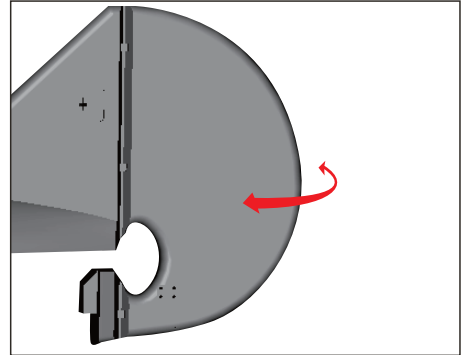
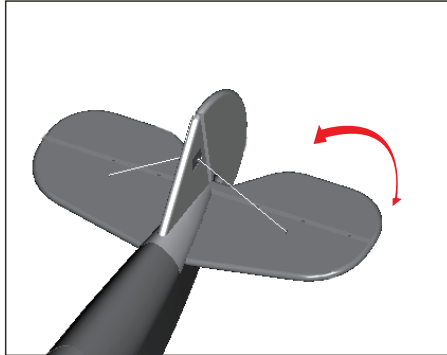
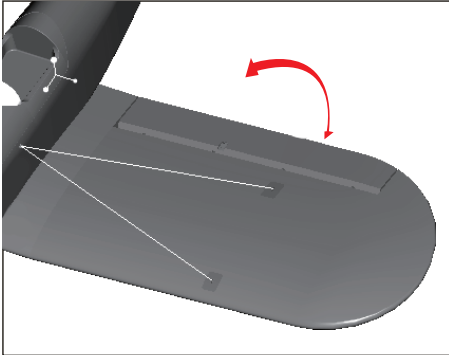
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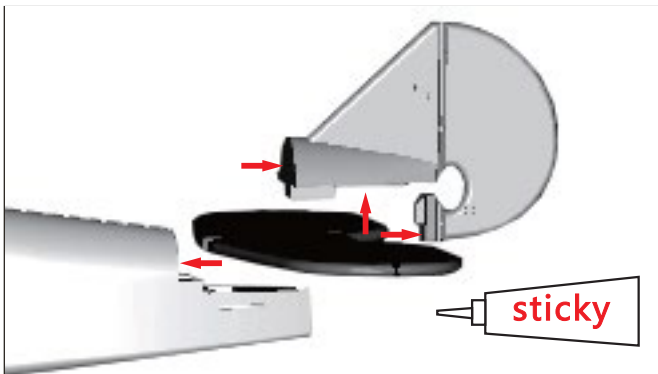
Turnigy 2650mAh 3S 30C
Lipo Pack w/XT-60
9067000246-0



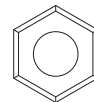
1. Out of the box your Slowpoke comes with reinforced foam hinges. However before assembly can begin, each hinge line must be flexed back and forth 5-6 times to reduce tension and load on the servo. Do this for all control surfaces before continuing.



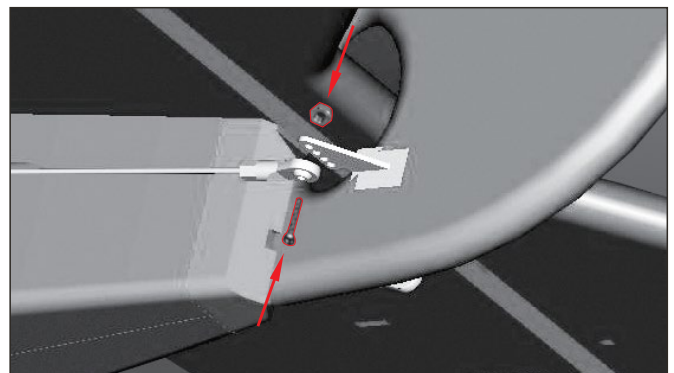
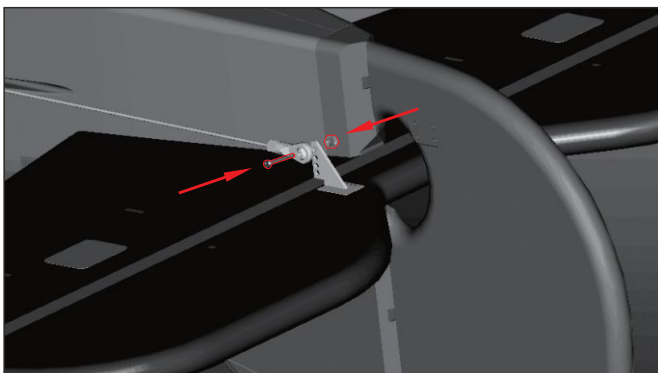
2. Insert vertical fin into horizontal stabilizer. Then carefully fit it to the fuselage. Then glue as below show. Then using a pair of pliers (ball link pliers preferably) connect the elevator push rod to the elevator control horn (A) and connect the Rudder push rod to the rudder control horn (B).



KM 2x10mm

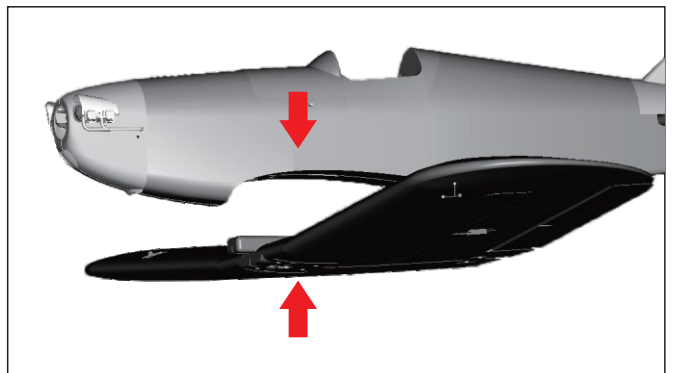
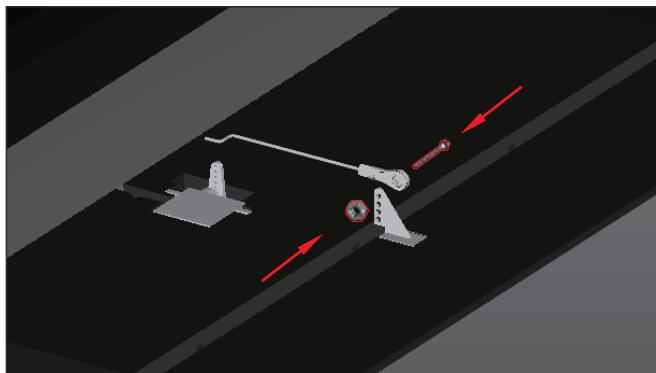
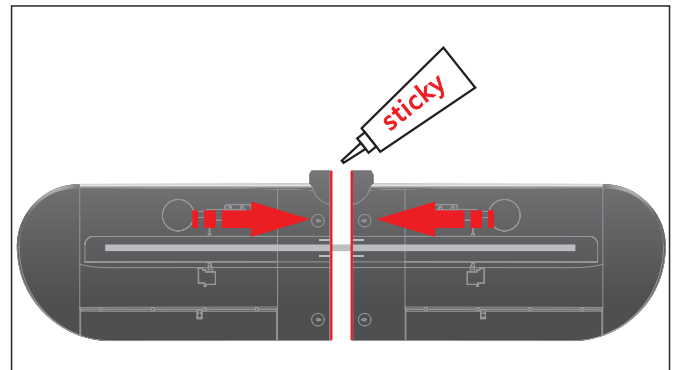
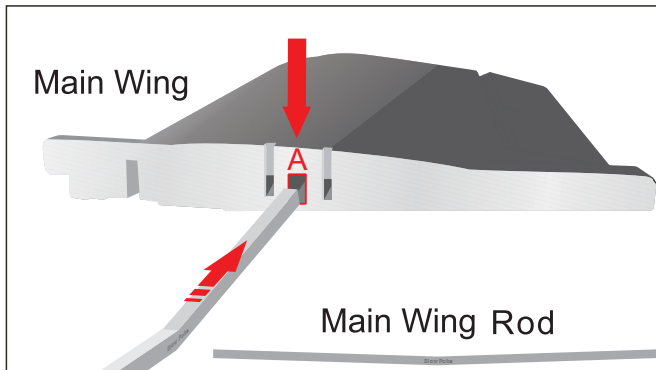


M 2mm

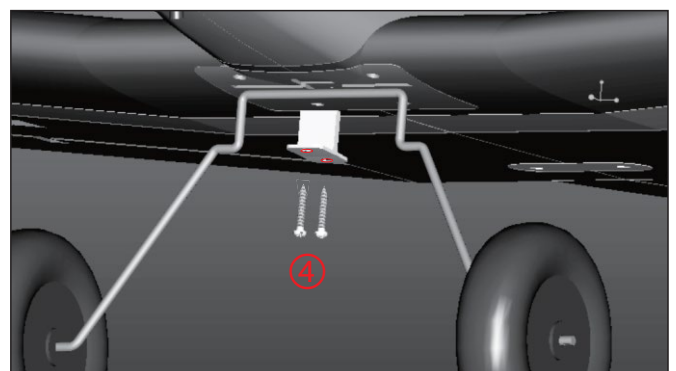
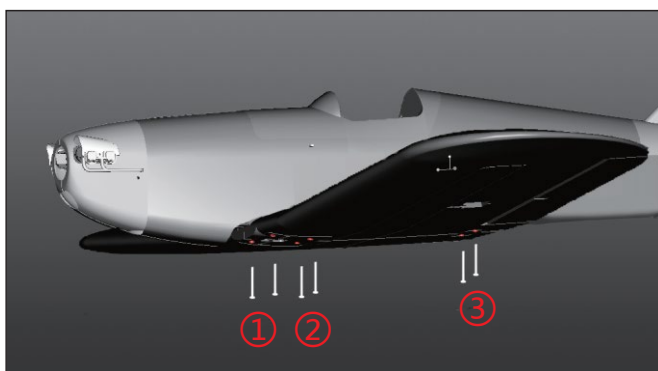




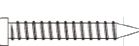
3. With the aileron control horns at 90 degrees to the wing surface (neutral) insert the aileron push rod in the top hole of the control horn. (A). then Install the main wing. put the wing span to into the hole in the main wing. And glue the main wing .



4. As show put the main wing to the fuselage with 2xPM3x25mm and 2xPM3x50mm 2xPM3x35mm coarse thread screws . Screws are inserted on the under side of the wing/fuselage seam D . Attach the landing gear to fuselage with two PA2*6mm machine screws. As picture show .

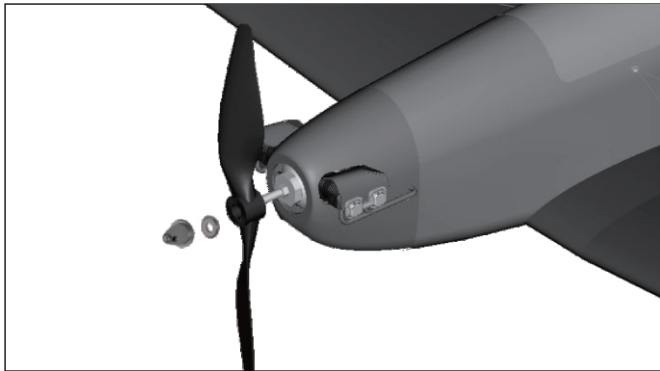


A. 

B. 

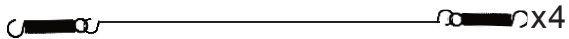
- ① PA 3x25mm 2pcs ② PM 3x50mm 2pcs ③ PM 3x35mm 2pcs ④ PA 2x6mm 2pcs

6. Install the propeller. Using spinner to lock the on motor shaft like the picture show.

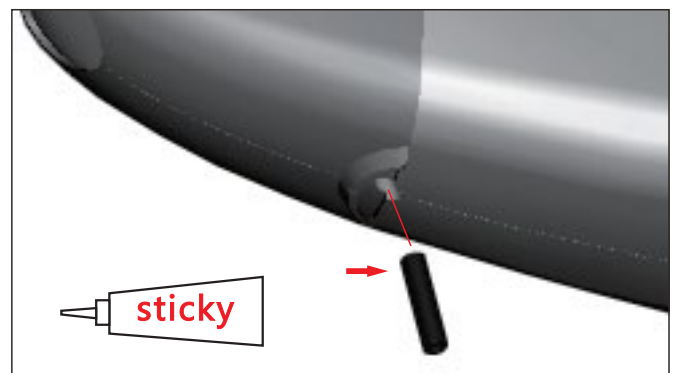
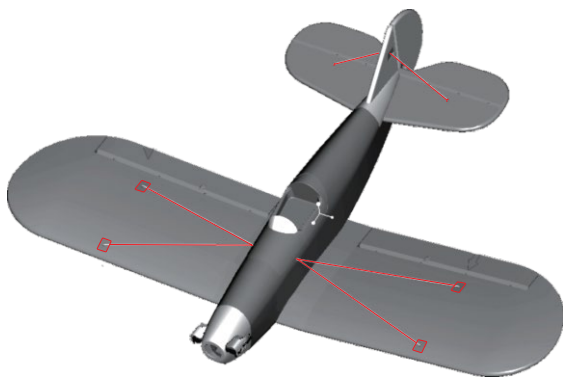


7. Install the spring and Exhaust stacks. As picture show:

Long wire: connecting Fuselage and the Main wing



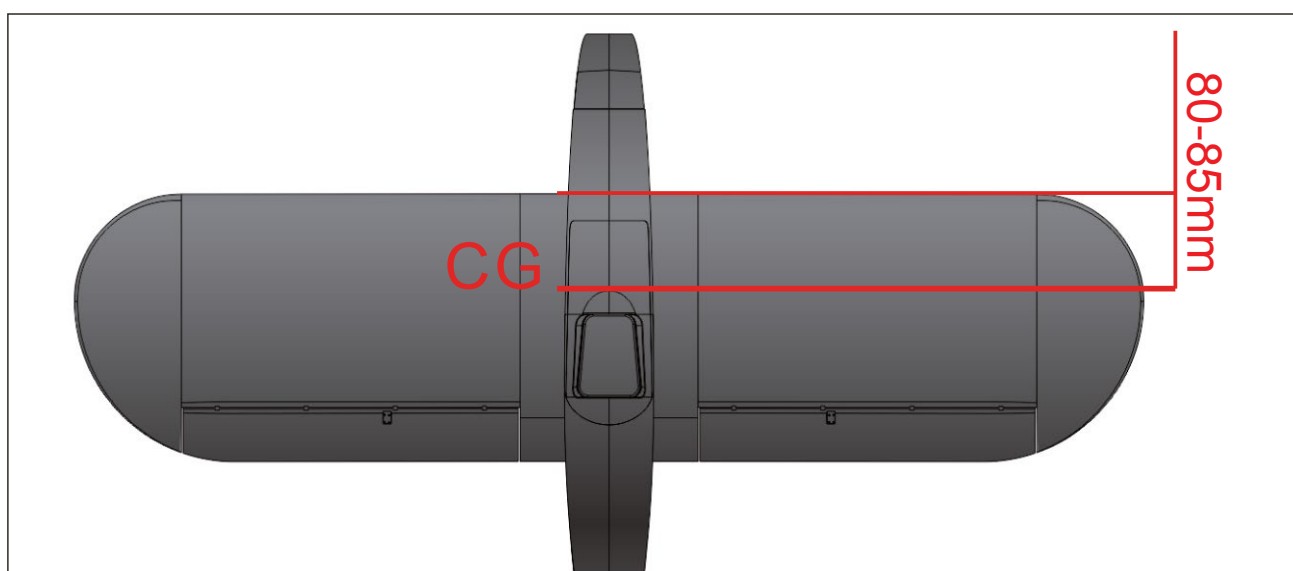
Short wire: connecting Horizontal tail and Vertical tail



Congratulations, basic assembly of your Slowpoke is now complete. Please perform a final check on all screws, bolts and components, ensuring all are secure and firmly in place.



The center gravity(CG) for the Slowpoke is approximately 85-88mm from the leading edge of the wing.



With assembly and set-up now complete, your Duraflly Slowpoke should now be ready for flight. However we recommend you read and follow the advice given in the following pages of this manual before flying your Slowpoke



MODEL FLYING PRECAUTIONS

- Select your flight area carefully. Always choose an open space that is unobstructed from trees and buildings and away from crowded areas. Avoid flying in areas with roads, electric/telephone poles/wires and water near by or within close proximity to full size air traffic.
- Do not fly this model in poor weather. High winds, low visibility, inclement temperatures, rain and storms are to be avoided.
- Never attempt to catch this model whilst in flight. Even a slow moving model can cause harm to yourself and/or others and risks damage to the model.
- This model is recommended for children no younger than 14 years old. All children, no matter what age, should always be supervised by a capable and responsible adult when operating this model.
- Always unplug your model battery when not in use. Never leave the battery installed in the model.
- Remember to keep clear of the propeller at all times when your flight battery is connected.
- Before flying, always turn on your transmitter first then plug your flight battery into the model.
- After flying, always unplug your flight battery first then turn off your radio transmitter.
- Exercise caution when charging your batteries and follow in full your battery manufacturer's safety guideline when doing so.

PRE-FLIGHT CHECKS

1. Always range check your model before any flight (especially when flying a new model for the first time). Follow your radio manufacturer's guidelines for performing this check.
2. Check all screw/bolts and mounting points are firmly secured, including control horns and clevises.
3. Only fly with fully charged batteries (both in your radio and model). Failure to do so could result in loss of control, damage to the model and/or persons/property around you. Check your batteries are fully charged.
4. With the model powered up (Transmitter on first, then receiver/model) check that all surfaces are free from damage/obstructions, moving in the correct directions and freely with stick input.
5. Inspect the model and prop for any damage that may have occurred during transit and listen for any unusual sounds from the electronics when powered up. If in doubt, do not fly.
6. With the model held securely and the prop free of obstructions, increase the throttle just slightly to confirm the rotations of the prop are correct. The model should want to pull straight forward with throttle.
7. If this is your first flight with the model double check the C/G is at the correct position. If not adjust battery position inside model accordingly.
8. If you are an inexperienced model pilot seek the help and assistance of an experienced pilot to perform these final checks and to test fly the model for you.

FLYING YOUR SLOWPOKE

Before flying make sure you have followed closely the set-up guidelines on pages 6 through 9. Start by taxiing on the ground a little to get use to the handling. Be sure to always taxi with full up elevator held in, flaps retracted and gentle use of throttle. This will keep the model tracking steady and true plus has the added bonus of looking far more scale. For take off you'll want to hold in some right rudder to counter the rotational torque on the initial roll out. Slowly advance the throttle whilst holding in just a little up to keep the tail down as you begin to build up speed, correcting direction with rudder as needed. As speed builds, ease off the amount of up elevator you have held in, then as soon as you reach 3/4 throttle you'll start to see the Slowpoke lift off the ground.

Landing the Slowpoke is a pleasure and a real treat for those who like to practice 'scale' type approaches as the Slowpoke will need to be 'flown' onto the deck through a powered descent. As soon as the Slowpoke settles onto the ground hold in full up elevator to prevent the model from nosing over.



SLOWPOKE TIPS

- For optimum flight performance and model longevity, it is highly recommend that you always fly with a balanced prop. The supplied prop should be balanced, but it is always good to check first.
- Keep all leads within the fuselage area as tidy as possible. Tidy wires look better, allow for easier access to all internal components, better battery installation, increased airflow around electronics and a reduction in potential electronic signal interference (noise).
- Inspect the propeller frequently, especially if you have suffered a hard landin or the prop has been knocked. If the prop is in any way damaged it must be replaced and any loose fixings must be tightened.
- Do not leave your model in direct sunlight for prolonged periods of time. This will have an adverse effect on the foam surface of the model.

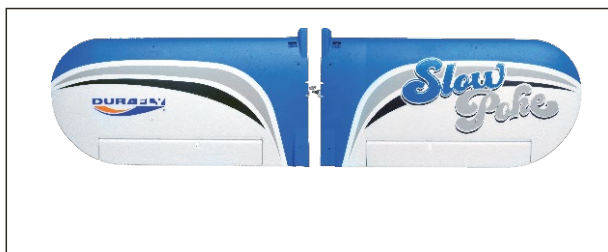
Thank you again for purchasing the Durafly Slowpoke We hope you' ll have many happy days of flying and look forward to bringing you more Durafly models in the future.

Don't forget, spare parts are available for this model, please see the next page for details.

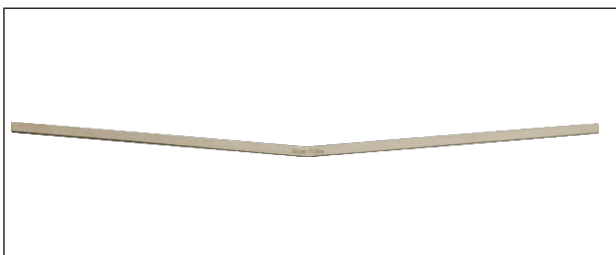
SPARE PARTS LISTING



Fuselage



Main Wing



Main Wing Rod



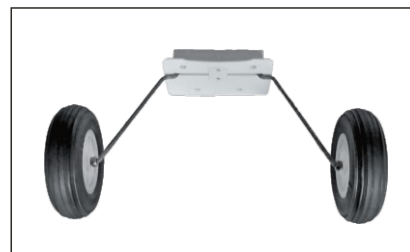
Horizontal tail



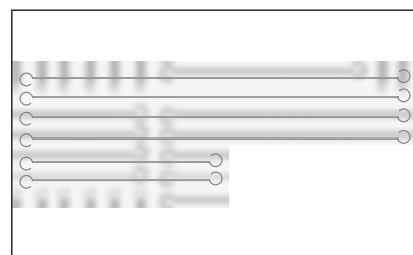
Vertical tail



Propeller



Front landing gear



Steel wire



Kits

DECAL APPLICATION GUIDELINES

Applying the supplied decals will take you longer than assembling the model. This is because great care must be taken when doing so. The decals are a mix of two different types, vinyl and sticker, each needing to be applied in a certain way. Please follow carefully the guidelines below to achieve the best possible finish on your Slowpoke.

