

1/18 VINTAGE MIDGET

DIY Conversion Kit

(NOTE: This Conversion Kit requires a 1RC Midget kit to complete, this is only a conversion kit.)



#1RC1050 — 1/18 Vintage Midget, Flat Hood, DIY Kit, Clear

#1RC1051 — 1/18 Vintage Midget, Airbox Hood, DIY Kit, Clear

Important Note—This is a Do It Yourself Conversion Kit, please read thru the entire manual before you begin so you can see all the steps needed to complete the vehicle. Modifications to some parts are needed. Be sure to take your time and use all precautions when making modifications to the parts in order to complete your vehicle. This conversion kit requires a 1RC Midget Car to complete the assembly

Before operating this model, please read this entire Instruction Manual and all printed materials related to this model. Read and follow all warnings and precautions. Failure to follow all warnings and precautions while operating this model could result in personal and/or property damage.

SAFETY PRECAUTIONS

- THIS RADIO CONTROLLED RACING CAR IS NOT A TOY!
- THIS HIGH-PERFORMANCE R/C MODEL IS RECOMMENDED FOR AGES 14 AND OLDER.
- THIS IS ONLY FOR YOUR REFERENCE BEFORE YOU OPERATE THE MODEL CAR.
- PLEASE DO NOT CHANGE THE EQUIPMENT OF THE BRUSHLESS ESC, MOTOR AND BATTERY CASUALLY, WE WILL NOT TAKE ANY CHARGE OF THE DAMAGES OR INJURIES CAUSED BY YOUR CHANGES!
- ASSEMBLE THIS KIT ONLY IN PLACES OUT OF CHILDREN'S REACH!
- TAKE ENOUGH SAFETY PRECAUTIONS PRIOR TO OPERATING THIS MODEL. YOU ARE RESPONSIBLE FOR THIS MODEL'S ASSEMBLY AND SAFE OPERATION!



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FIND AND FOLLOW US HERE

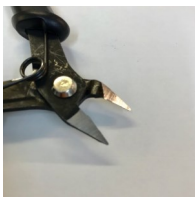
Rev A

Safety Precautions and Warnings

Please read all warnings and precautions in this Instruction Manual along with any other documentation provided for this model. Failure to operate your model in a responsible and safe manor may result in personal property damage and/or personal injury. As the user of this model, you are solely responsible for operating the model in a safe manor. 1 RC Racing, LLC shall not be liable for any loss or damages, direct, indirect, special, incidental, or consequential that occurs during the use, misuse, or abuse of this vehicle or any product required to operate it.

- This radio controlled racing car is not a toy!
- This high-performance R/C model is recommended for ages 14 and older.
- This is only for your reference before you operate the model car.
- Please do not change the equipment of the brushless ESC, motor and battery casually, we will not take any charge of the damages or injuries caused by your changes!
- Assemble the kit only in places out of reach of children's reach!
- Take enough safety precautions prior to operating this model. You are responsible for this models assembly and safe operation.
- This model contains many small parts that could cause a choking hazard, keep all part away from children.
- This model is intended for track use only, this model is not intended for off-road use. Track surface should be smooth with minimal bumps.
- Never operate your model with low transmitter and/or model batteries.
- This model is controlled by a radio signal that could be subject to interference from many sources outside your control. This interference may result in the loss of control so ensure you as the operator of this model always keep some distance in all directions around your model as a safety margin to avoid personal and/or property damage to you and others in the area.
- Never operate your model in a public street or congested area and always keep away from cars, traffic and crowds of people.
- Never operate your model at night or anytime line of sight may be obstructed or impaired in any way.
- This model is small so ensure you run your model in a non crowded area so nobody trips on model.
- This model is small and could be a trip hazard, ensure you only run the car in a safe area.
- This model is not waterproof, ensure vehicle is not run in wet conditions.
- Always turn on your transmitter first, then model.
- Do not put fingers on or near any moving part, this may result in serious injury or damage model.
- After running model, NEVER touch items like motor, battery, or electronic speed control as these items may be hot and result in serious injury as they may generate high temperatures during operation.
- When you are done using model, turn off model first, then transmitter.
- Never store model with battery installed or plugged in, always ensure battery is unplugged and removed before storage. Store battery in safe place.
- Never leave battery on charger for more than 1 hour and always unplug charger from wall when not in use.
- Only charge 5 cell NiMh battery with included charger, DO NO CHARGE 4 cell NiMh battery with included charger.
- Some details and images in this manual might not exactly reflect the items you find in you model box.

Suggested Tools



Flush Cut Side
Cutting Pliers



1RC8001
1.5mm Driver



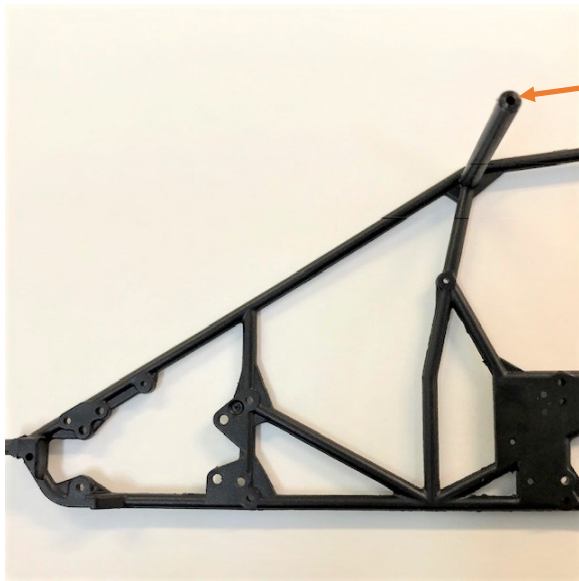
1RC8002
3.0mm Driver



1RC8003
4.0mm Driver

STEP 1

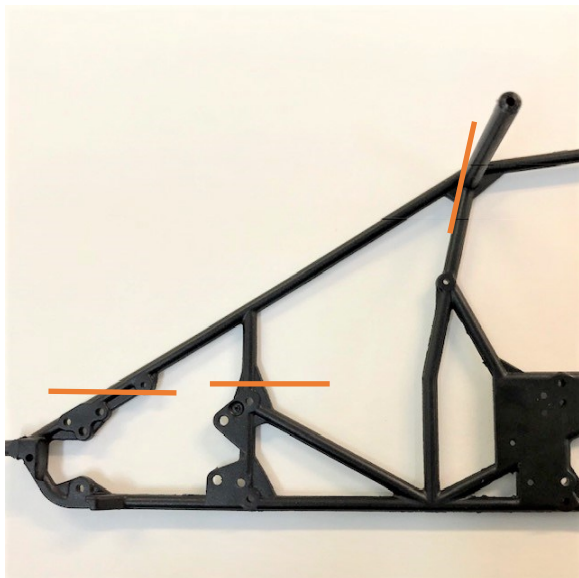
Install the round Front Cage Crossbar that is included in kit on RHS Cage Side as shown below.



Front Cage Crossbar

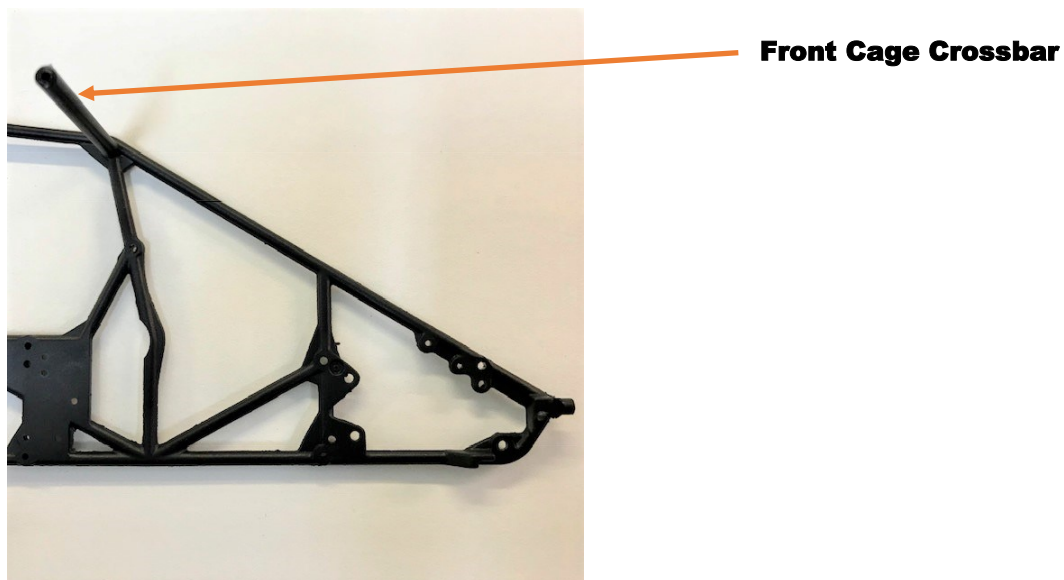
STEP 2

Using flush cut side cutting pliers, cut RHS Cage Side downtube and upright on the lines shown below in the left image. Refer to image on the right for how cage should look after cutting. You can use a file or dremel tool to smooth out cut areas as desired.



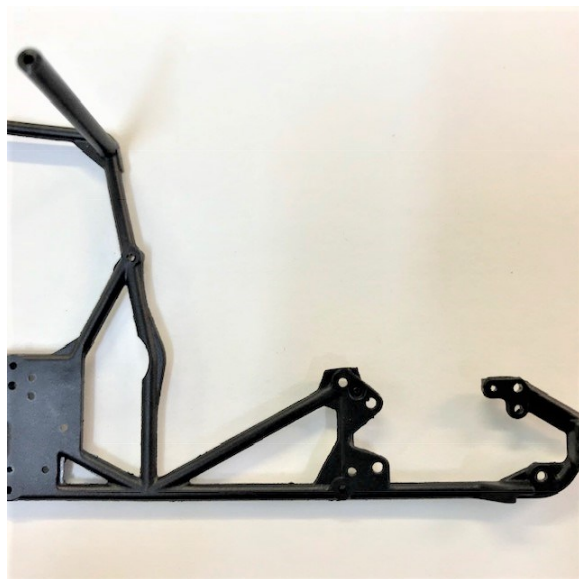
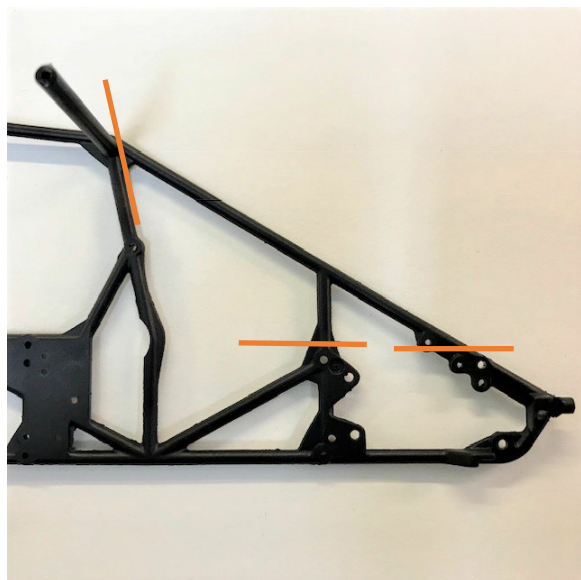
STEP 3

Install the round Front Cage Crossbar that is included in kit on LHS Cage Side as shown below.



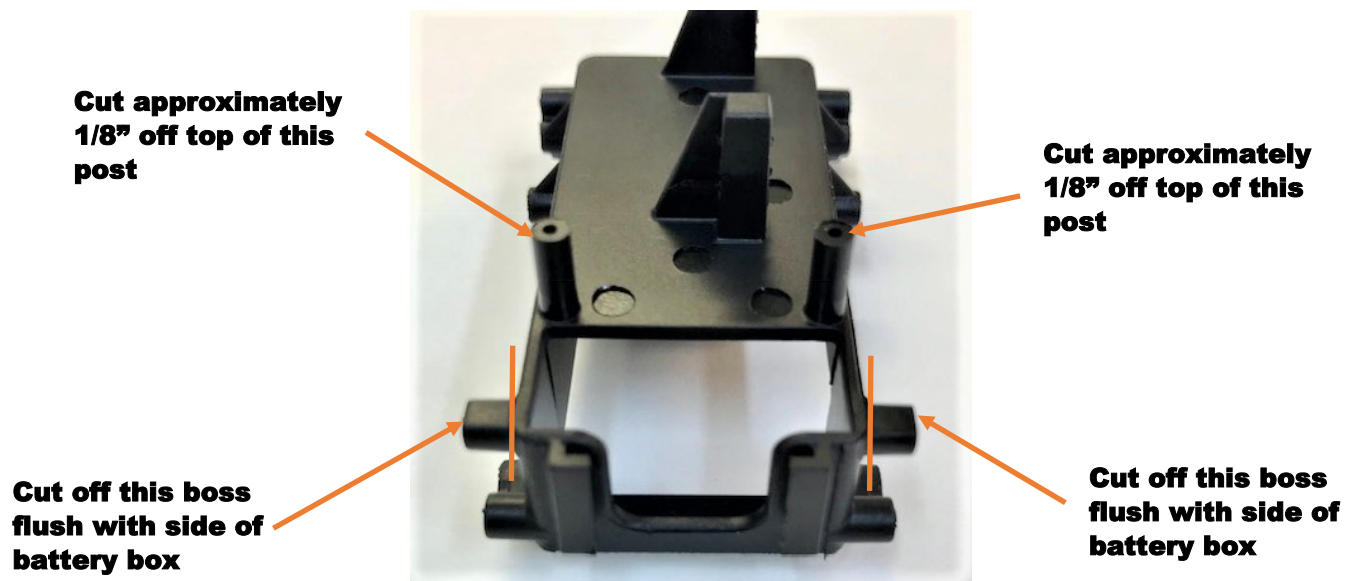
STEP 4

Using flush cut side cutting pliers, cut LHS Cage Side downtube and upright on the lines shown below in the left image. Refer to image on the right for how cage should look after cutting. You can use a file or dremel tool to smooth out cut areas as desired.



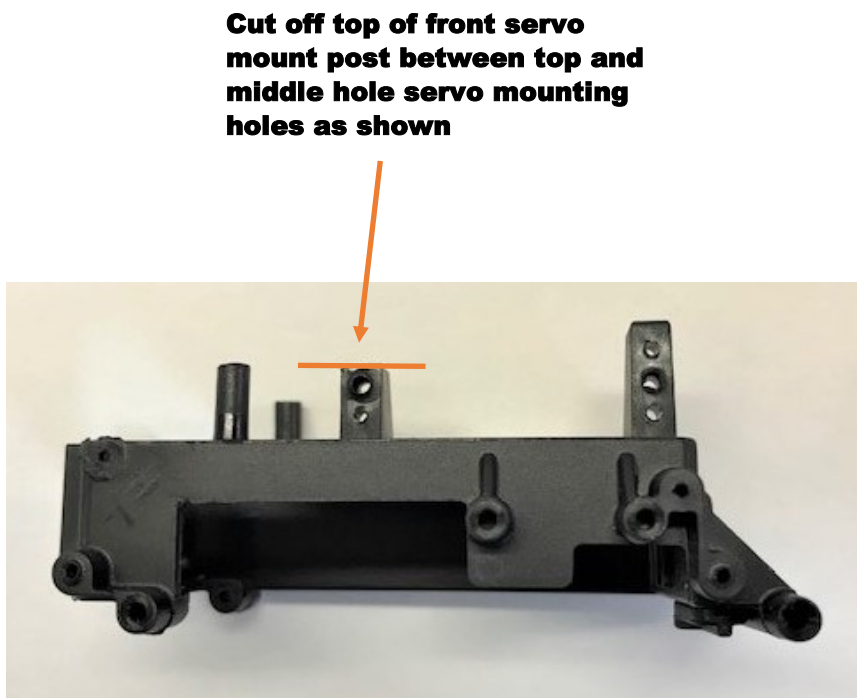
STEP 5

Using flush cut side cutting pliers, cut approximately 1/8" off top of both ESC/Rx mounting posts as shown below. Also cut off top side posts where indicated by lines in image below. Ensure the two side posts are cut off flush with the side of the battery box.



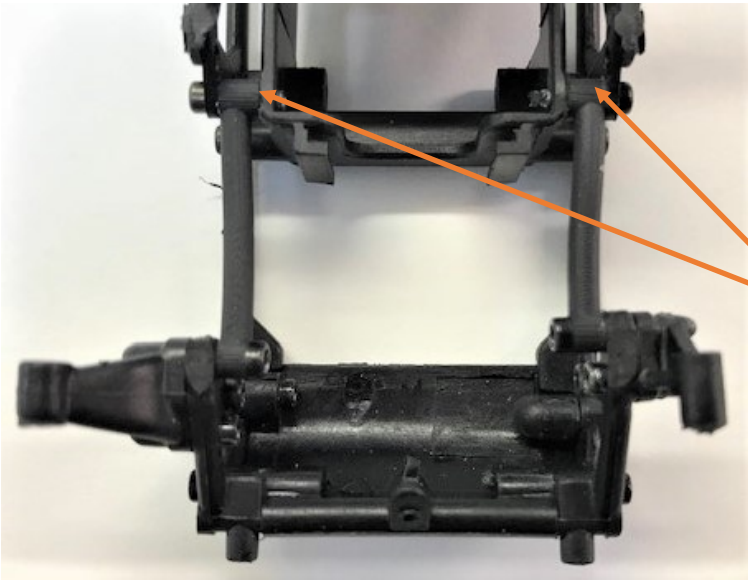
STEP 6

Using flush cut side cutting pliers, cut front servo mount post where shown with line in image below.



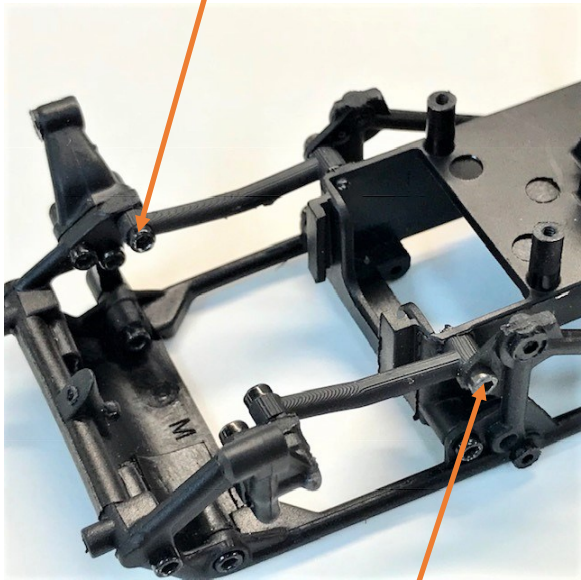
STEP 7

Assemble entire cage assembly using modified chassis sides and modified battery box from previous steps. Now install Front Struts (included in kit) as shown below using screws included with conversion kit where shown in below image. Note, RHS Strut is the longer strut and wide part of boss on strut needs to be installed as noted below.

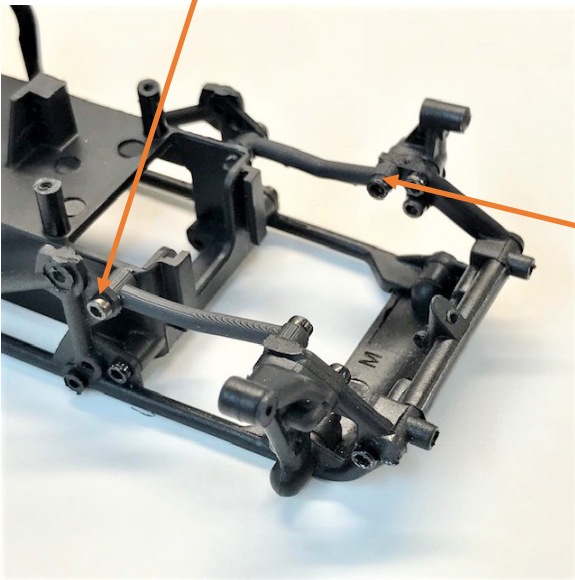


Wide part of Front Struts go toward battery box

M1.6 x 10mm Screw



M1.6 x 6mm Screw



M1.6 x 10mm Screw

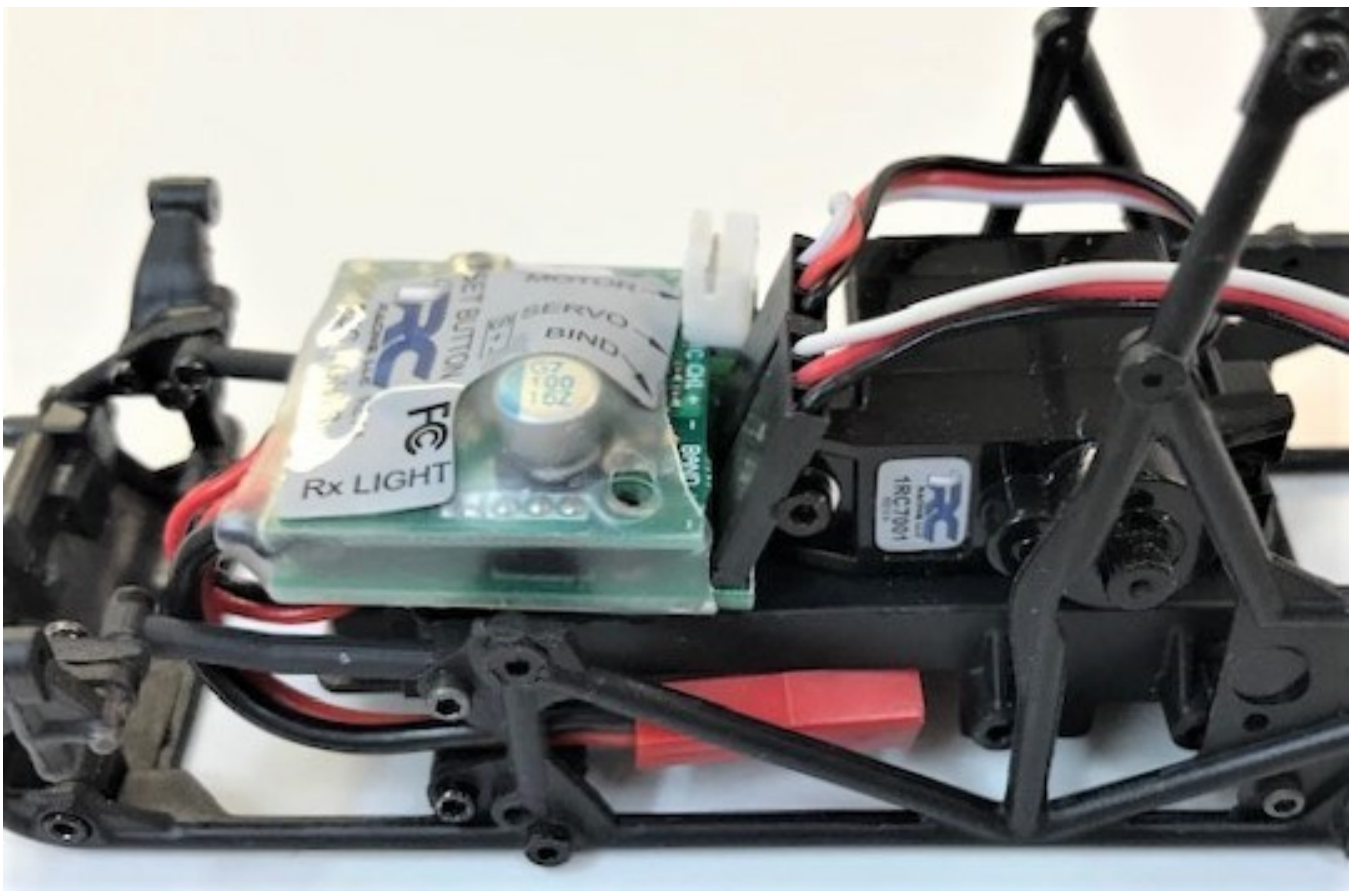
M1.6 x 6mm Screw

STEP 8

Before you install the ESC/Rx unit, install servo plug on servo pins and Extension Wire (included in conversion kit) on bind plug pins and then very carefully bend plugs back as shown. This will need to be done to allow clearance for hood. The Extension Wire will be routed to back of car so you can access this to bind car to the radio since the body can not be removed easily to access ESC/Rx unit. You can also use this plug to power a transponder if needed.

Install ESC/Rx unit as shown and attached using screws from original car to secure. Ensure when tightening screws to secure ESC/Rx, do not overtighten screws, only tighten until ESC/Rx unit is secure.

Route all wires as shown or how you desire.

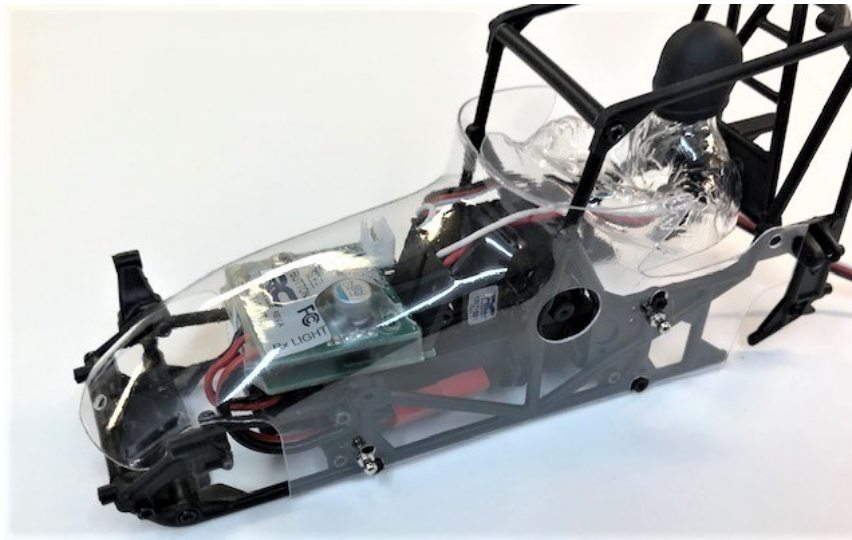


STEP 9

IMPORTANT - Now you can trim the hood to fit the car. The hood will fit the car very tight around the ESC/Rx area and chassis. Take your time mounting all the body panels and follow the details below. We have only marked a couple screw/mounting holes on the body to get you started, one on each side toward the rear. We left this open as this give you a lot of flexibility to mount the body the way you wish and also will help the body fit an already run chassis if you choose to use that for your chassis. You can refer to images on the next page of a mounted body to show you how it should look on the car.

We recommend you first trim the hood along the trim lines but do not trim the bottom edge of the body yet, this will be done after you finish mounting the body. Next, pre-fit the body to the chassis to see how the body fits, this will help see how tight the body fits to the car. We recommend you only drill the two holes on each side of the hood toward the rear and then install those screws first. Then drill the front center mount hole and install that screw. This will hold the body in place and now you can mark and drill the remaining holes. This will ensure you get all the holes lined up correctly.

Once you have the hood fully mounted, now trim the bottom of the hood section with the bottom of the chassis frame rails. You can also put in a hole to access the set button on the ESC/Rx unit if desired.



STEP 10

After you have the hood section fully mounted to the car, now you will mark holes for the engine parts. There are no holes marked on the body for these parts since there are other options for the engines. Take your desired engine parts and line them up on the hood in your desired location and mark the holes and use included screws to attach the engine parts. Ensure when marking the holes for the engine parts, watch where the screw heads will sit and make sure they will not interfere with any components inside the car. You can also attach engine parts with double stick tape if desired. You can refer to the images on the next page to see how the engine parts are intended to be mounted.



STEP 11

After hood is fit, before you final install the hood, we recommend you install the rear end assembly and plug in the motor. You should also set your radio at this time. Now you can attach the hood using all the screws.

STEP 12

Next, trim out the driver figure and fit to car. There are no trim lines or marked holes on the driver so you can position to the driver how you like. It is recommended you only trim a small amount at a time and test fit the driver to get it the way you want. You will not use the nut plate in the same manor as the stock midget, it will need to be rotated 180 degrees so it will fit the new driver figure. Mount the Driver Helmet with a single screw and then use nut plate to attach driver to the cage A-Post.

STEP 13

Next, trim out the Tail Tank and fit to car and attach the same way as the stock midget.

STEP 14

Now finish installed the rest of the running gear like the front axle and your new Vintage Midget will be complete. The small spacer and M1.6 x 10mm screw in the kit is used between the drag link and servo saver to get drag link out far enough to clear V-W-Type engine. If you have a C2-Type Engine you will not need the spacer, just use the stock M1.6 x 6mm screw.

STEP 15

Have fun and be sure to send us pictures of you Vintage Midget so we can post them on our social media pages.



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