

NITRO ST-15

Ready To Run



ASSEMBLY AND OPERATION MANUAL

Warranty

- Tower Hobbies® will warranty this kit for 90 days after the purchase date from defects in materials or workmanship. Tower Hobbies will either repair or replace, at no charge, the incorrectly made part.
- Make sure you **save the receipt or invoice** you were given when you bought your model! It is your proof of purchase and we must see it before we can honor the warranty.
- To return your Tower Nitro ST-15 for repairs covered under warranty you should send your truck to:

Hobby Services
1610 Interstate Drive
Champaign, Illinois 61822
Attn: Service Department
Phone: (217) 398-0007 9:00 am - 5:00 pm Central Time M-F
E-mail: hobbyservices@hobbico.com

Thank you for purchasing the Tower Hobbies 1/10th scale stadium truck. This manual includes instructions to complete the kit, and information to help operate it properly. Please read over this instruction manual carefully before building or operating the Tower Hobbies 1/10th stadium truck.

SAFETY PRECAUTIONS

If you follow the safety precautions below the Tower Hobbies 1/10th stadium truck will provide countless hours of fun. Always use caution and good sense when running the Tower Hobbies 1/10th stadium truck. Failure to use this vehicle in a safe, sensible manner can result in injury or damage to property. Only you can insure that the instructions are carefully read and followed.

- Do not operate the Tower Hobbies stadium truck near people. Onlookers should be behind the driver at a safe distance.
- Model engine fuel is poisonous. Please read and follow the precautions on the fuel container. Keep fuel out of reach of children. Model fuel is flammable, so keep away from flames, sparks, smoking or any other ignition source.
- Model engines produce loud noises. If loud noises disturb you then ear protection should be worn. Do not operate the truck where the noise will disturb others.
- Model engines emit carbon dioxide like real cars. Do not operate the engine indoors or in poorly ventilated areas.
- When operating your truck around other r/c vehicles make sure that no one else is on the same frequency as you before you turn your transmitter on.
- The engine and exhaust, under normal operating conditions, get very hot. Do not touch these parts until they have cooled.

REPAIR SERVICE

Repair service is available anytime.

After the 90 day warranty, you can send your Tower Hobbies 1/10th stadium truck in for repair for a small charge by expert technicians at our authorized repair facility, Hobby Services, at the address listed on the cover of this instruction manual.

To help speed up the repair process, please follow the instructions listed below.

- You will need to send the entire system in. This includes the truck and radio.
- Make sure the transmitter is turned off, all batteries are removed and the fuel is drained from the tank.
- Include written instructions which include a list of all items returned, a thorough explanation of the problem and the service needed. You will also need to include your phone number during the day and a return address.

SPECIFICATION & DESCRIPTION CHANGES

All pictures, descriptions and specifications found in this instruction manual are subject to change without notice. Tower Hobbies maintains no responsibility for inadvertent errors in this instruction manual.

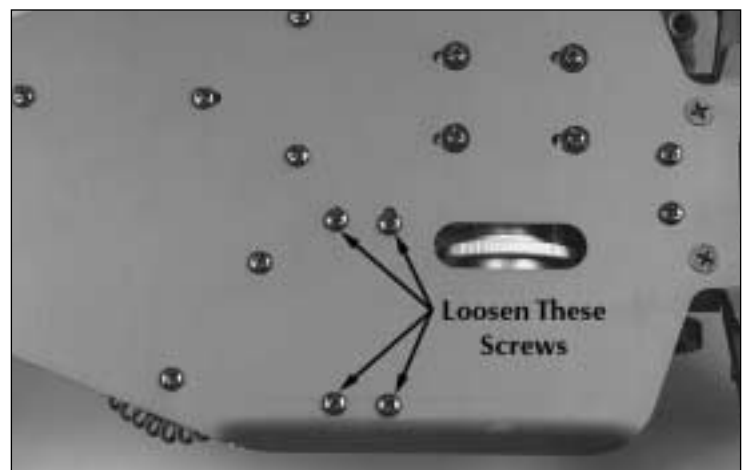
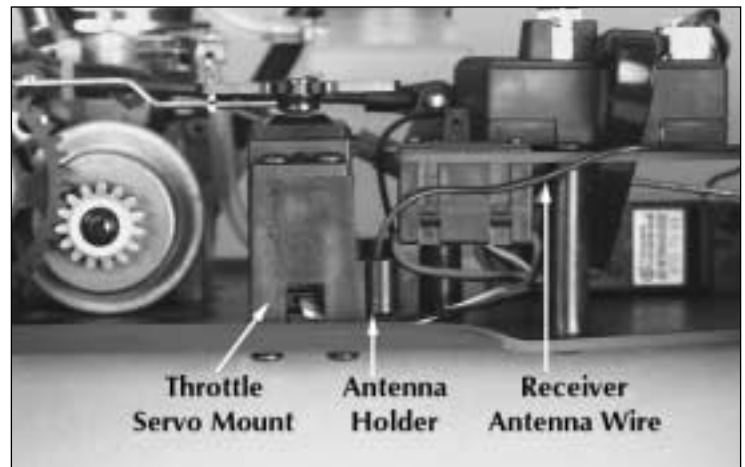
ITEMS REQUIRED FOR COMPLETION

The following items will be needed to operate the Tower Hobbies 1/10th stadium truck.

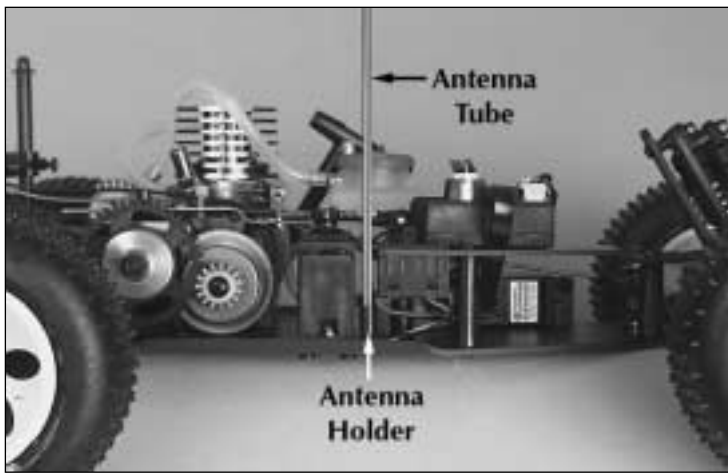
- Glow plug starter (TOWP1190)
- Fuel bottle (DTXP0150)
- Fuel (TOWP1310)
- Air filter oil (DTXC2465)
- Glow plug wrench (DTXR1170)
- Extra glow plugs (OSMG2693)
- 12 AA batteries
- Polycarbonate paint for the body
- Masking tape
- Lexan scissors (DTXR1150)
- Body reamer (DTXR1155)
- Hobby knife (TOWR1010, TOWR1015)

FINAL ASSEMBLY

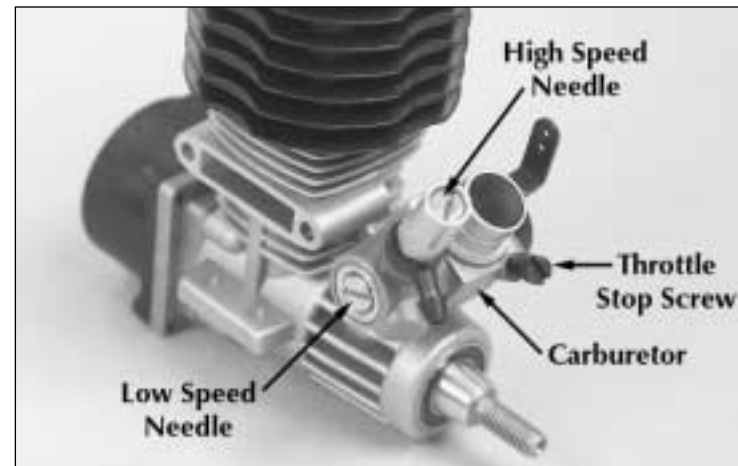
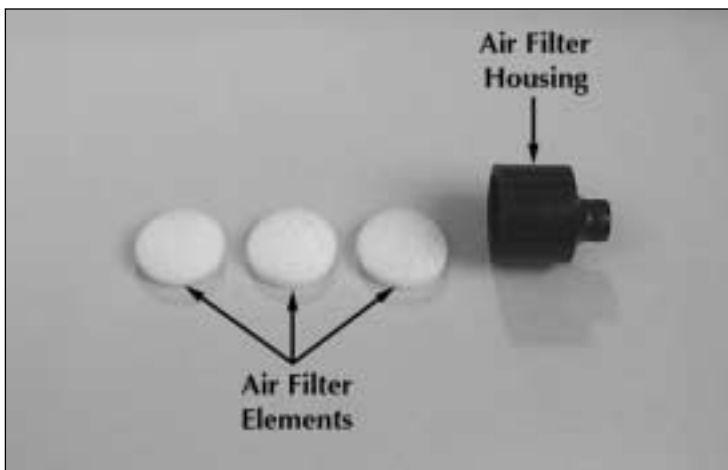
- 1. Remove the Tower Hobbies Nitro ST-15, transmitter, and parts from the box



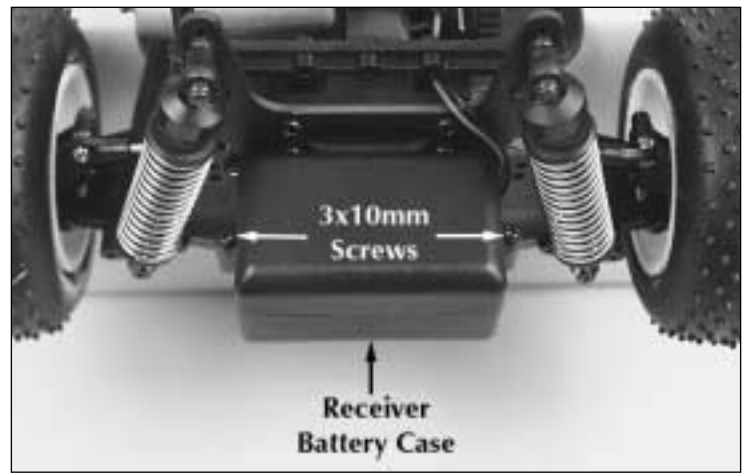
- 2. Uncoil the bundled receiver antenna wire. Run the receiver antenna wire through your fingers to straighten the receiver wire. Thread the antenna wire through the bottom side of the antenna holder which is mounted on the outer throttle servo mount. Loosen, but do not remove the screws in the throttle servo mount.



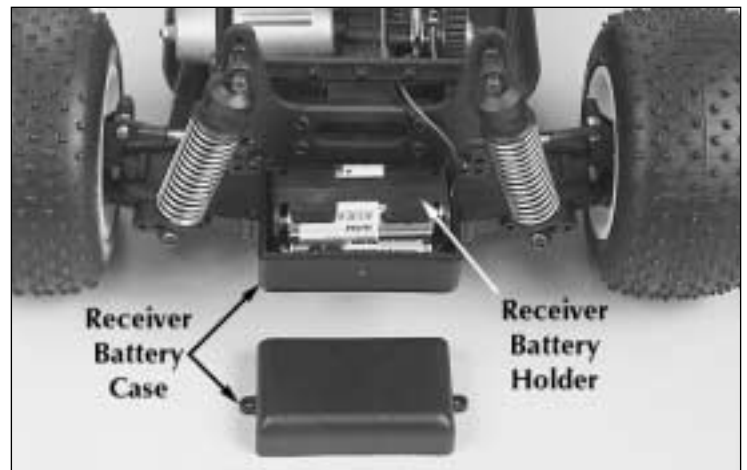
○ 3. Remove the antenna tube from the parts bag. Run the antenna through your fingers a few more times to straighten the receiver antenna wire. Thread the receiver antenna wire through the antenna tube. Press fit the antenna tube into the antenna holder which is located on the throttle servo mount. **Do not cut or coil the receiver antenna wire.**



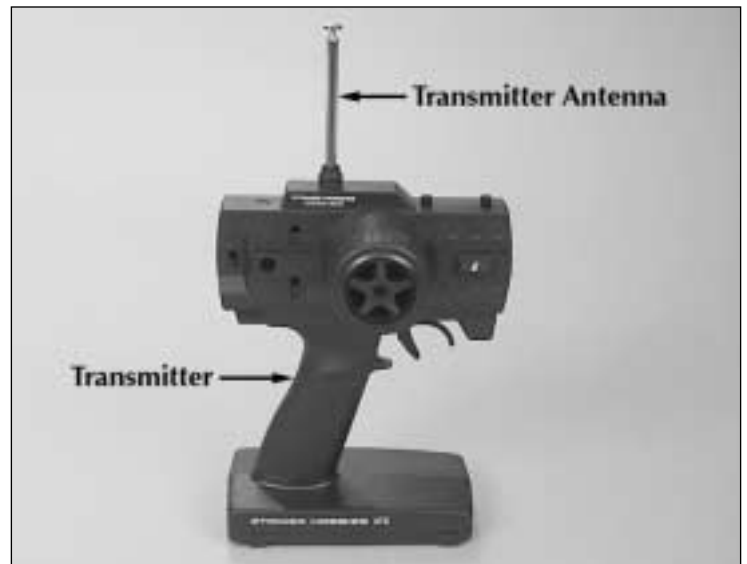
○ 4. Remove the air filter from the parts bag. Remove the 3 air filter elements from the air filter housing and soak the air filter elements with air filter oil (not included) and then squeeze the excess oil from the elements. A light shock oil may be used or you can purchase special air filter oil from most hobby shops. Place the air filter elements back into the air filter housing, and then install the air filter assembly onto the top of the carburetor.



○ 5. Remove the two 3x10mm screws from the receiver battery case which is located on the rear of the truck. Then remove the cover from the top of the receiver battery case.



○ 6. Remove the receiver battery holder from the receiver battery case. Install 4 (included) "AA" batteries into the battery holder in the configuration molded into the battery holder. Re-install the battery holder and the battery case top with the two 3x10mm screws which you removed earlier.



○ 7. Remove the transmitter antenna from the parts bag and install it into the top of the transmitter as shown. To ensure that the antenna is attached, lightly pull on the antenna. If it slides out, it is not screwed in properly.



○ 8. Slide off the battery door on the bottom of the transmitter. Install 8 "AA" batteries into the bottom of the transmitter in the configuration molded into the battery holder. Re-install the battery door onto the bottom of the transmitter.



○ 9. Turn the transmitter on using the switch on the front. The red LED light next to the on/off switch should light up. If the LED does not light up, turn the transmitter off and check to make sure the batteries are properly installed in the bottom of the transmitter. Turn the transmitter on again to make sure the red LED lights, and if it does turn the transmitter off. **If the LED light is blinking, the batteries are low and should be replaced!**



○ 10. Remove the clear lexan truck body from the box. Prepare the lexan body to be painted by washing it out with warm water and a liquid detergent. Dry the body off with a non-abrasive cloth.

Mask the windows off on the inside of the body with masking tape. Paint the body using a polycarbonate or lexan compatible paint. Remove the masking from the windows. Cut the excess lexan around the molded cut lines, and remove the clear protective cover from the outside of the body. Locate the dimples in the body which mark the body post locations. Drill these dimples out using a 5/16" drill bit or by using a lexan body reamer. Apply the decals as shown on the front of the box. Install the body onto the four body posts and install a body clip onto each post.

○ 11. Refer to the separate instruction sheet for running and tuning your engine.

MAINTENANCE TIPS

Before Each Run

- Check for loosened screws on the truck. Engine vibration will loosen some of the screws, particularly in the engine mount area. Use thread lock on screws that thread into metal parts or use a metal nut.
- Inspect the air cleaner for a torn or damaged element. Also look for dirt in the air cleaner element and wash or replace it if necessary.
- Check the suspension and drive train for binding.
- Inspect all of the wires for damage. Also check the connectors to make sure all of them are tight and in the proper place.
- Check the fuel tank and fuel lines for leaks.
- Before starting the engine, turn on the radio and make sure the servos move easily and in the right direction.
- Before running, always check the condition of your radio system batteries and replace/recharge if necessary.

After Each Run

- Drain the fuel tank of any leftover fuel. **DO NOT** return it to your fuel jug.
- Put some after-run oil in the carb and turn the flywheel several times to work the oil into the engine. This will protect the engine from rusting, especially when stored for a long period of time.
- Check again for loosened screws.
- **CLEAN** the truck. Wipe off any oils that have collected on the chassis, engine end exhaust. Oils will attract dirt on the next run.