

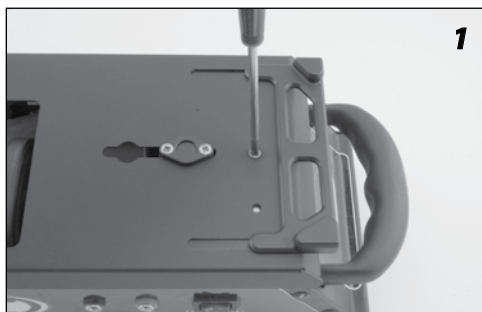


TEN LOSS[®] RACING

8IGHT/8IGHT-T Starter Box LOSA99061

Installing the battery

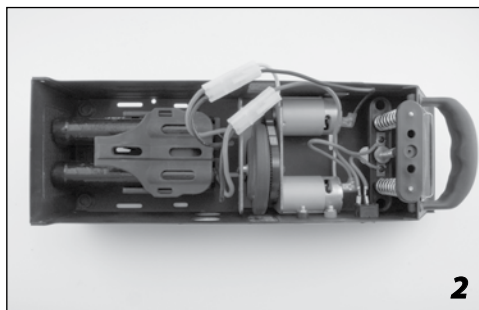
You have several battery options to power your 8IGHT starter box. You can use 7.2V Ni-Cd or Ni-MH battery packs or a single 12V gel cell. Pre-assembled wiring harnesses and mounting fixtures for both of these options are included. Please note the proper mounting and wiring layout in Images 2 and 3. Start by moving the chassis fixtures to the truggy (Long) position as seen in Images 4 through 6 and explained in the "Adjusting the Chassis Fixtures" section and remove the small Phillips head screw on the top of the box as shown in Image 1.



Two 7.2V battery packs

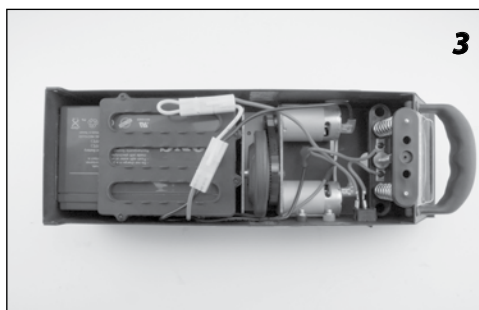
Install the holder and packs as seen in Image 2. Plug one pack into each of the plugs.

Note: The plugs are keyed so they can only be installed one way.



Gel Cell

Install the holder and gel cell as seen in Image 3 or the wiring diagram on Page 2. Note the Red (+) and Black (-) terminals on the battery. Install the jumper plug and battery power plug as shown. Unless you plan on using the power terminals next to the switch, you must tape and/or cut the ends of the loose battery leads. Do not leave these exposed as they can easily short out the battery and cause damage and a safety hazard.



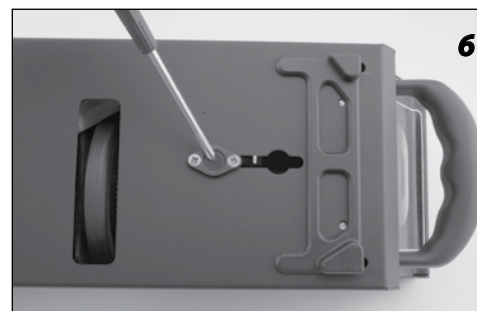
Adjusting the chassis fixtures:

For the 8IGHT buggy—rotate the front fixture with the "v" pointing toward the end of the box as shown in Image 4. Depress the lock button as shown in Image 6.



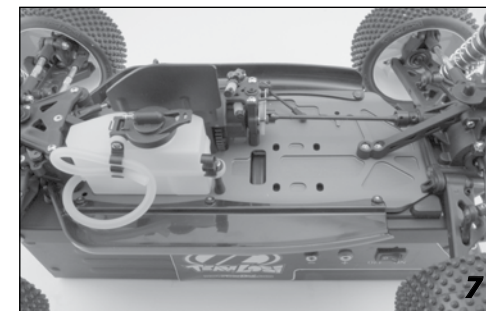
Move the rear fixture to the innermost (short) position.

For the 8IGHT-T truggy—rotate the front fixture with the "v" pointing inward as shown in image 5. Depress the lock button as in image 6 and move the rear fixture to the outermost (long) position as seen in Image 5.



Starting

Place the chassis into the fixtures as shown in Image 7. Note how buggy chassis sits in fixtures and location of starter wheel.



Turn the power switch "ON" (Image 8).



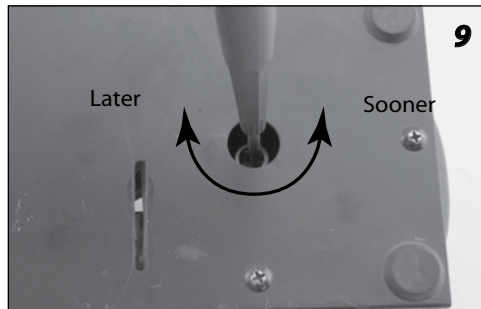
Press down on the rear of the chassis at which point the motors should power up and the starter wheel will engage the flywheel on the engine.

Note: If the engine is new, tight, or flooded, it may be necessary to loosen the glow plug 2–3 turns to get it turning over. Re-tighten after engine starts turning over. Do not continue to stall the motors or allow the rubber wheel to grind on the flywheel or chassis.

After the engine starts, release the chassis—it should be able to sit in the fixtures and idle without interference. Turn switch off.

Adjusting the starter switch:

You can adjust the starter switch and the point at which the motors start running by turning the Phillips head adjustment screw (accessible through the hole in the bottom of box as seen in Image 9).



Turning the adjustment screw counterclockwise will allow the motors to start sooner and have better starting power. Turning the adjustment screw clockwise will start the motors later and give you more travel before the motors start to power up. You may want to adjust this to compensate for starter wheel wear.

Ideally, the motors should start when the top plate is depressed about 1/8-inch. If you find that the motors are easily stalled while trying to start your 8IGHT, adjust the starter switch as noted above so that the motors start sooner.

Troubleshooting Guide

Motors run slow

Battery(s) needs to be charged

Starter wheel won't turn over engine

Loosen glow plug

Adjust switch to motors start sooner

Put a few drops of fuel in carburetor

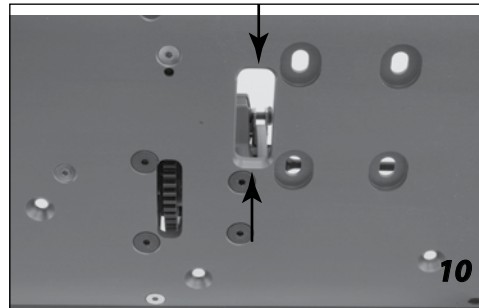
Check for wheel interference with chassis

(See Image 10)

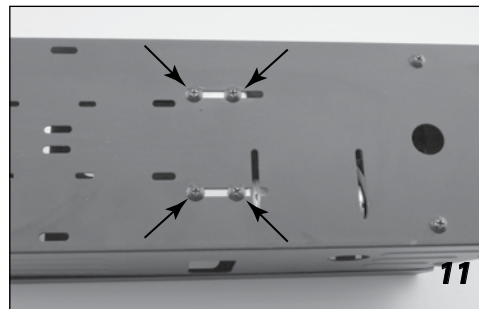
Check for starter wheel wear

Tech/Service Tips

- On some models it may be necessary to relieve the ends of the flywheel opening on the bottom of your chassis (Image 10) to prevent the chassis from interfering with the starter wheel and allow the wheel easy access to engage the flywheel on the engine.

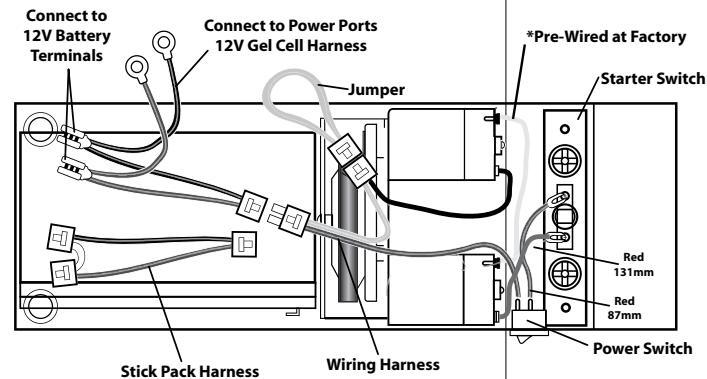


- It's a good idea to use compressed air to clean the dust and dirt out of the starter box.
- To replace the starter wheel, remove the four screws in the center of the box bottom as indicated in Image 11.

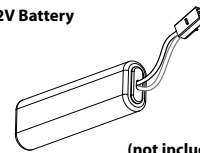


Disconnect the wires from the motor and mark the location of the mounting screws before removing. Remove the screws on either side of the wheel shaft. After replacing the wheel, be sure to re-install the assembly in its original position.

Wiring Diagram

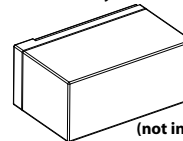


7.2V Battery



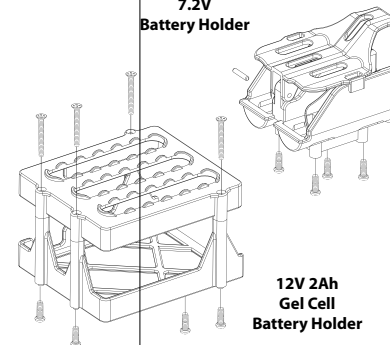
(not included)

12V 2Ah Battery



(not included)

7.2V Battery Holder



12V 2Ah Gel Cell Battery Holder



12V Gel Cell Harness



Stick Pack Harness



Jumper

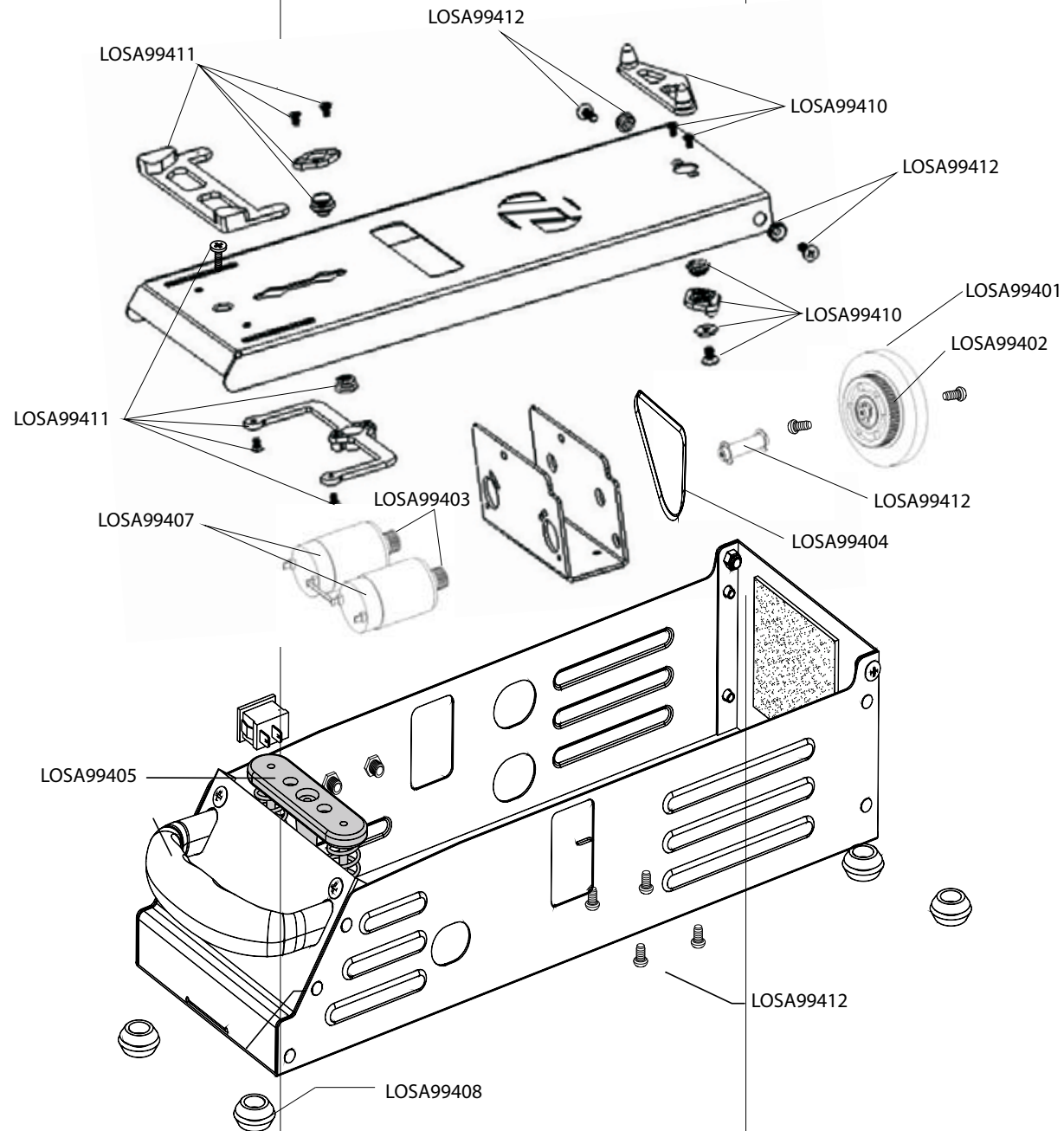


Wiring Harness



Red 87mm/131mm

Exploded View



Replacement Parts

Part #	Description	Price
LOSA99401	Starter Box Wheel (8)	3.99
LOSA99402	Starter Box Pulley (8)	4.99
LOSA99403	Motor Pulley Set (8)	2.99
LOSA99404	Starter Drive Belt (8)	7.99
LOSA99405	Starter Switch Set—Adjustable (8)	6.99
LOSA99407	Starter 550 Motor w/Screws (8)	14.99
LOSA99408	Starter Rubber Feet (4ea) (8)	2.99
LOSA99410	Starter Front Chassis Fixture (8)	7.99
LOSA99411	Starter Rear Chassis Fixture (8)	9.99
LOSA99412	Starter Misc Hardware Set (8)	3.50

Warranty Period

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Safety Precautions

This is a sophisticated hobby Product and not a toy. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the Product or other property. This Product is not intended for use by children without direct adult supervision. The Product manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or injury.

Questions, Assistance, and Repairs

Your local hobby store and/or place of purchase cannot provide warranty support or repair. Once assembly, setup or use of the Product has been started, you must contact Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please direct your email to productsupport@horizonhobby.com, or call 877.504.0233 toll free to speak to a service technician.

Inspection or Repairs

If this Product needs to be inspected or repaired, please call for a Return Merchandise Authorization (RMA). Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels, as **Horizon is not responsible for merchandise until it arrives and is accepted at our facility**. A Service Repair Request is available at www.horizonhobby.com on the "Support" tab. If you do not have internet access, please include a letter with your complete name, street address, email address and phone number where you can be reached during business days, your RMA number, a list of the included items, method of payment for any non-warranty expenses and a brief summary of the problem. Your original sales receipt must also be included for warranty consideration. Be sure your name, address, and RMA number are clearly written on the outside of the shipping carton.

Warranty Inspection and Repairs

To receive warranty service, you must include your original sales receipt verifying the proof-of-purchase date. Provided warranty conditions have been met, your Product will be repaired or replaced free of charge. Repair or replacement decisions are at the sole discretion of Horizon Hobby.

Non-Warranty Repairs

Should your repair not be covered by warranty the repair will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost. By submitting the item for repair you are agreeing to payment of the repair without notification. Repair estimates are available upon request. You must include this request with your repair. Non-warranty repair estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Please advise us of your preferred method of payment. Horizon accepts money orders and cashiers checks, as well as Visa, MasterCard, American Express, and Discover cards. If you choose to pay by credit card, please include your credit card number and expiration date. Any repair left unpaid or unclaimed after 90 days will be considered abandoned and will be disposed of accordingly. **Please note: non-warranty repair is only available on electronics and model engines.**

Electronics requiring inspection or repair should be shipped to the following address:

Horizon Service Center
4105 Fieldstone Road
Champaign, Illinois 61822

All other Products requiring warranty inspection or repair should be shipped to the following address:

Contact Losi:
4710 East Guasti Road
Ontario, CA 91761
(909)390-9595
feedback@teamlosi.com

Please call 877-504-0233 with any questions or concerns regarding this product or warranty.

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