



4.6 NITRO POWER, TROPHY TRUGGY TOUGH!

The Trophy Truggy 4.6 is the perfect way to get into nitro 1/8 truggies! A 'truggy' is a racing truck with the 4WD drivetrain, chassis and suspension being taken directly from or derived from a 1/8th scale rallycross buggy, with a longer wheelbase, large tires, pick-up truck style body and extra-long suspension arms and shock absorbers. Truggies are a hugely popular racing class around the world!

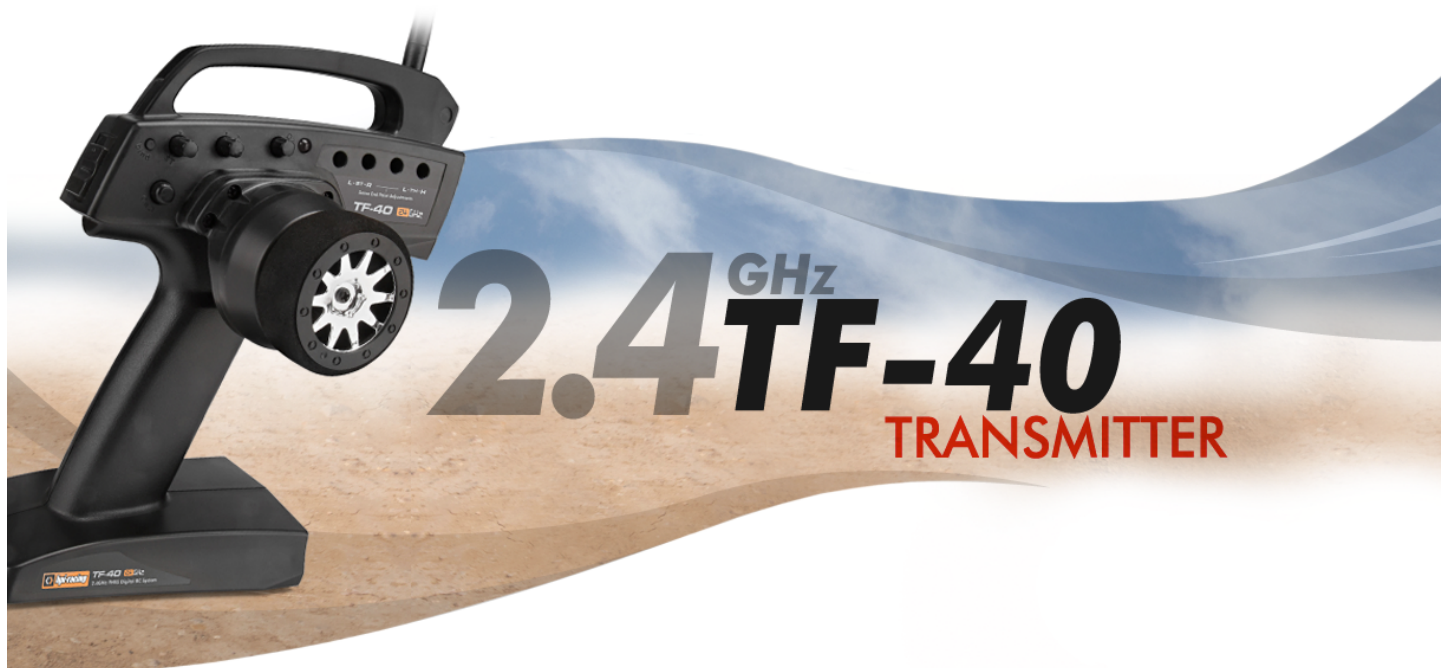
If you prefer bashing instead of racing, that's fine, too! The Trophy Truggy 4.6 has got everything you need for anything you want to do, whether it's racing wheel-to-wheel on the track with your friends or going to the park for all-day fun, like top speed runs and big-air stunts! The Trophy Truggy is ready for anything!

No matter what you want to do with the Trophy Truggy 4.6, it's ready for action. It's equipped with a durable aluminum chassis, braces and shock towers, long-travel shocks and grippy racing tires for top performance on and off the track. The Trophy Truggy 4.6 is equipped with a powerful and race-legal Nitro Star F4.6 HPI engine, angle-pin style racing tires, extra-long oil-filled shocks, turnbuckles and plenty of tuning ability to take you to the top of the podium.

In addition to being race-bred and ready for track action, the updated Trophy Truggy 4.6 looks great, too. The racing truck body features a bright paint design that's easy to spot on the track (or really high in air!), and the grippy Shredder Block angle-pin tires are wrapped around cool black chrome spoked wheels. The rear wing isn't just for looks, either - it gives the Trophy loads of downforce and control in the air. To top everything off, the shock caps, wheel nuts and chassis features are anodized a bright HPI orange!

The Trophy Truggy 4.6 is fully painted and completely assembled right out of the box, so all you have to do is break in the engine and install the included AA batteries. With the HPI 2.4GHz radio system, Nitro Star F3.5 engine and all other electronics already installed, all you need to provide is the nitro car fuel, fuel bottle and glow plug igniter to get started. The **#110605 HPI Nitro Starter Pack** includes everything you need (including starter tools!) except the fuel!





All HPI vehicles are equipped with a comfortable and feature-packed HPI **2.4GHz radio system** for supreme control and confidence! The radio features a pistol-grip design with steering wheel for ease of use and realistic control, compact size, servo reversing and a light weight due to it requiring only four AA batteries. You won't have to worry about radio crystals or what channel other RC racers are using with our 2.4GHz technology - the radio does all that work for you! The radio prevents frequency conflicts automatically and changes channels if there is any interference. Finally, if you ever lose radio signal, an **electronic failsafe** will bring it to a safe and controlled stop. You'll have professional-level control in one easy RTR package!

NITRO STAR F4.6
WITH PULLSTART



NITRO STAR F4.6 ENGINE

The awesome Nitro Star F4.6 engine from the legendary Savage 4.6 monster truck provides all the grunt needed to get the Trophy Truggy up to wild speeds - it's extra-loud, super-powerful and mightily strong, so you'll be able to rip off huge stunts like record-setting long jumps, backflips, tall jumps, even double backflips! The F4.6 engine will give you eye-opening acceleration and crazy top speeds! The engine is started by a simple pullstarter system and is protected by a **unique water splash cover and 2-stage air filter** for extra protection, and the two-needle carburetor allows you to fine-tune the performance for any kind of weather or fuel.

- Monster 4.6cc (.28) engine size
- Bore: 18.68mm
- Stroke: 16.6mm
- Power: 2.9hp @ 32,000 RPM
- Carburetor: F1-7.5 (Composite 7.5mm)
- True ABC construction for long life
- Composite carb construction helps prevent heat vaporization of fuel
- Finned aluminum case
- Huge aluminum heatsink
- Tough pullstarter fitted standard
- 2-stage air filter for extra engine protection
- Splash cover over air filter keeps the engine from getting flooded with water in wet conditions

The Nitro Star F4.6 is the perfect match for the Trophy Truggy, with its subdued grey CNC-machined heatsink head, finned aluminum case, composite-body slide carburetor and full range of tuning adjustments to let you tune it for all weather and track conditions. On the inside, the F4.6 has true ABC construction, with a chrome-plated brass piston and cylinder surrounded by the lightweight aluminum case. To get you going quickly, the F4.6 uses a pullstarter system, and a large opening on the underside of the chassis allows you to utilise a starter box for even faster engine starting. If you want to upgrade to simple engine starting, just install the **#87130 HPI Roto Start 2** engine starting system for push-button engine starting!



CHASSIS

The chassis of the Trophy Truggy 4.6 is made from 6061 aluminum for an excellent combination of strength and light weight. The low weight allows for faster acceleration, and the durability means you can have the confidence to pull off insane stunts and jumps!

To increase the chassis stiffness, it's fitted with a metal rod brace and thick aluminum steering brace up front and a huge vertical aluminum plate brace in the back! This allows the suspension to do all the work it's designed to do for increased driving feel and control without chassis twist or bending getting in the way.

DRIVETRAIN

The drivetrain used in the Truggy 4.6 is a **full-time four-wheel drive shaft-type drivetrain**. The shaft drivetrain is the best option for a kit that's expected drive through mud, water, dirt, grass, snow or gravel! The entire drivetrain is supported by high quality ball bearings for extra efficiency, so you get the the maximum speed and acceleration possible, and the most out of every tank of fuel! A strong steel spur gear takes the power from the engine and transmits it through a central differential, which transfers power to the front and rear diffs by long central driveshafts. The front and rear bevel differentials use 4 internal gears for excellent durability over standard 2-gear diffs. The diff outdrives turn tough steel outdrives and axles, and 17mm orange anodized aluminum hex adapters spin the 7-spoke wheels, which are wrapped with Shredder Block angle pin rubber racing tires. To bring the Trophy to a safe and controlled stop, **dual drilled steel disc brakes with fiber brake pads** are used. The brake pads use material from full-size trucks, bringing the Trophy to a quick yet controllable stop. All the brake linkage is fully adjustable for extra tuning power on the track.

SUSPENSION AND STEERING

The Trophy Truggy 4.6 is fully equipped with a **real racing suspension** to give you the driving feel and responsiveness of the pros! Long suspension arms at each corner are made from thick, impact-resistant plastic and webbed for extra strength. The shocks feature aluminum bodies and caps for extra durability, and are **oil-filled with rubber bladders and protective boots** over the thick shock shafts. For pro-level race tuning, the shocks can be moved at the top and bottom to get the perfect positioning to help you set fast laps race after race. The camber links front and rear also have extra holes to adjust roll center and gain valuable seconds out on the track, and the camber links themselves are strong steel turnbuckles so you can easily adjust the angle of the tires.

If you don't want to make any changes and just get out and drive, that's fine too! Absolutely everything is factory-fitted right out of the box, so you don't have to change a thing if you want to just start up the Trophy Truggy 4.6 and have some fun.

PERFORMANCE STRAIGHT FROM THE BOX

HPI makes it as easy as possible to get into RC racing action. The RTR Trophy Truggy 4.6 buggy is completely pre-built and ready to go right out of the box! Everything is assembled and tuned for you by professionals - diffs, shocks, suspension and more are perfect before you even open the package. You don't have to do a thing to get going fast! HPI Ready-To-Run vehicles bring you the same high performance and quality that you'd expect from a high-end RC kit but with the added convenience of being factory pre-assembled to the highest standards - giving you a high-performance RC car straight from the box!

FULL ASSEMBLY INSTRUCTIONS

Just like all HPI cars and trucks, you get a full, in-depth instruction manual with step-by-step instructions that allow you to easily disassemble and reassemble your car for maintenance and easy servicing. The manual also includes a handy parts list and full-scale drawings of the parts and hardware.



FEATURES

- Factory-assembled & pre-painted 4WD nitro racing truggy
- 2.4 GHz radio system for crystal-free, comfortable control
- Waterproof laydown steering servo for low CG and awesome handling
- Waterproof throttle/brake servo
- Enclosed receiver/battery box protects battery and receiver from the elements
- Covered air filter keeps water away from the air intake
- Low centre of gravity (CG) design for great track performance
- Strong and reliable Nitro Star F4.6 engine with 2.9hp
- Strong engine mount and large flywheel opening for starter boxes
- Easy and simple pullstarter for instant action
- 4mm 6061 aluminum chassis has angled sides for extra stiffness
- Thick 6061 aluminum shock towers are strong and durable
- Thick steering brace for increased chassis stiffness
- Low-profile aluminum radio tray securely mounts servos
- Race-tuned suspension design for awesome traction
- Extra-long, oil-filled shocks with aluminum shock bodies
- Multiple shock and camber link locations for extra race tuning
- Steel turnbuckle links allow you to custom-tune the ride
- Tough front bumper protects against crash damage
- Extra-large 160cc fuel tank gives you plenty of runtime
- Powerful, adjustable & vented front and rear steel disk brakes
- Strong fibre brake pads for longevity and fade resistance
- All-terrain Shredder Block angle pin tyres for grip and traction
- Intelligent fuel line routing to keep things neat and tidy
- Cast aluminum steering knuckles for increased strength
- 17mm hex hubs resist stripping out
- Slick racing truck bodyshell is pre-painted and cut out for instant race looks
- Adjustable mounts for the wide racing wing
- Extra suspension mounts included for tuning options

#107014 RTR TROPHY TRUGGY 4.6 W/ 2.4GHZ

1/8th Scale 4WD Nitro Truggy with Nitro Star F4.6 engine, 2.4GHz Radio System and Painted Body

SPECIFICATIONS

Length: 580mm
Width: 405mm
Height: 180mm
Track: 365mm
Wheelbase: 365mm
Drivetrain: Shaft 4WD

WHAT YOU NEED

Nitro Car Fuel
Fuel Bottle
Glow Plug Igniter

#110605 HPI Nitro Starter Pack includes everything you need, just add fuel!

INCLUDES

4 AA Batteries for Transmitter
4 AA Batteries for Receiver Pack

LOOK AT THESE OTHER VEHICLES FROM THE HPI TROPHY RANGE!

Also check out the RTR Trophy Truggy 3.5! **#107012** RTR TROPHY BUGGY 4.6 W/ 2.4GHz

Get Fluxing with the RTR Trophy Truggy Flux! **#107018** RTR TROPHY TRUGGY FLUX W/ 2.4GHz

Be sure to look the RTR Trophy Buggy Flux! **#107016** RTR TROPHY BUGGY FLUX W/ 2.4GHz

Specification may be subject to change



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