GENERAL

hpi racing savage 25 rtr

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Introduction

When the world of high performance racing cars is discussed, one name that consistently emerges is **HPI Racing**. Renowned for their meticulous engineering and dedication to realism, HPI Racing has crafted a series of models that appeal to both collectors and track enthusiasts. Among their latest releases, the **hpi racing savage 25 rtr** stands out as a testament to cutting edge design and uncompromising performance. In this comprehensive guide, we'll dive deep into every facet of the Savage 25 RTR—from its aerodynamic styling and robust build quality to its thrilling driving dynamics and safety features. Whether you're a seasoned racer, a hobbyist, or simply curious about what sets this model apart, read on to discover why the Savage 25 RTR is generating buzz across the racing community.

Overview of HPI Racing and the Savage 25 RTR

About HPI Racing

HPI Racing, a division of HPI Racing GmbH, has been at the forefront of scale racing car production for over four decades. Their commitment to authenticity, precision engineering, and customer support has earned them a loyal following worldwide. From the early days of 1/12 scale race cars to the latest 1/10 and 1/8 models, HPI Racing consistently pushes the envelope in terms of performance, durability, and design.

What Is the Savage 25 RTR?

The **Savage 25 RTR** is a 1/10 scale racing car that captures the essence of a modern, high speed street legal race vehicle. Its name—"Savage"—evokes a sense of raw power and aggressive styling, while the "25" denotes its weight class, and "RTR" stands for "Ready To Race." This model is engineered to deliver immediate performance off the line, making it ideal for both casual track days and competitive racing environments.

Design and Build Quality

Exterior Design

One of the first things that catches the eye is the Savage 25 RTR's aerodynamic profile. HPI Racing has incorporated subtle splitters, a pronounced rear diffuser, and a low, wide stance that mirrors real world race cars. The front fascia features a sleek, aggressive grille, while the side panels showcase a dynamic racing stripe that enhances the illusion of speed.

Interior Features

Inside, the car is no less impressive. The cockpit is designed for ergonomic comfort, with a well placed steering wheel, a multi function gauge cluster, and a realistic seat that offers both support and flexibility. The dashboard layout is intuitive, ensuring that drivers can focus on the track without distraction.

Build Materials and Durability

Durability is paramount for any racing vehicle, and the Savage 25 RTR delivers. The chassis is constructed from high strength aluminum alloy, providing a sturdy yet lightweight frame. Key components such as the steering column, suspension arms, and gearboxes are precision machined to ensure longevity and consistent performance

even under the harshest racing conditions.

Performance Specifications

Engine and Powertrain

At the heart of the Savage 25 RTR lies a state of the art 4 stroke electric motor that delivers a peak power output of 120 horsepower. Coupled with a high efficiency gearbox, this motor propels the car to a top speed of 140 mph (225 km/h) on a straightaway. The torque curve is smooth, providing instant acceleration from a standstill—a critical attribute for competitive racing.

Transmission and Gearbox

The model incorporates a 6 speed sequential gearbox, allowing drivers to shift gears quickly and precisely. The gearbox is engineered to handle high torque loads while maintaining a lightweight profile, ensuring that the Savage 25 RTR remains agile on the track.

Chassis and Suspension

Suspension is a critical component in any racing setup. The Savage 25 RTR is equipped with adjustable double wishbone suspension on both the front and rear. This configuration offers excellent handling characteristics, allowing drivers to fine tune ride height, camber, and damping to match their driving style and track conditions.

Braking System

Safety and control are reinforced by a dual disc braking system, featuring high performance brake pads and a hydraulic caliper assembly. The braking system provides consistent stopping power, with a low fade rate that is essential for maintaining speed through successive corners.

Driving Experience and Handling

Road Handling

On paved circuits, the Savage 25 RTR showcases a blend of stability and agility. The low center of gravity, combined with the well balanced weight distribution, allows the car to negotiate turns with minimal understeer. Drivers often praise the responsive steering, which offers a direct feel and precise feedback.

Track Performance

Track days are where the Savage 25 RTR truly shines. Its powerful motor and finely tuned suspension enable it to maintain high cornering speeds without compromising traction. The car’s aerodynamic features reduce drag, allowing it to achieve top speeds on straights while retaining downforce for stability in turns.

Comfort and Ergonomics

Despite its racing pedigree, the Savage 25 RTR does not sacrifice driver comfort. The seat is molded for support, and the steering wheel is positioned to minimize fatigue. The cockpit’s layout ensures that essential controls are within easy reach, providing an immersive and enjoyable driving experience.

Safety Features and Reliability

Safety Harness and Restraints

Safety is paramount in any racing environment. The Savage 25 RTR is equipped with a 5 point harness that secures the driver firmly in place. The harness is adjustable, ensuring a snug fit for drivers of various sizes.

Additionally, the car's chassis includes reinforced roll over protection to mitigate the impact in the event of a rollover.

Crashworthiness

HPI Racing has integrated impact absorbing materials into the front and rear bumpers. These elements help dissipate collision forces, reducing the risk of damage to the car's critical components. The car's structural design also incorporates crumple zones that further protect the driver and the vehicle's core systems.

Reliability and Maintenance

Reliability is a hallmark of HPI Racing's products. The Savage 25 RTR's components are manufactured to tight tolerances, ensuring consistent performance over time. Routine maintenance—such as checking fluid levels, inspecting brake pads, and tightening fasteners—is straightforward, thanks to the car's modular design.

Comparison with Competitors

Comparison with Other HPI Racing Models

When compared to HPI Racing's earlier 1/10 models, the Savage 25 RTR offers significant improvements in power, handling, and realism. For example, the **HPI Racing 1/10 GT-4** delivers a top speed of 120 mph, whereas the Savage 25 RTR pushes that figure to 140 mph. Additionally, the double wishbone suspension and advanced aerodynamics give the Savage 25 RTR a clear edge in cornering performance.

Comparison with External Brands

In the broader market, the Savage 25 RTR competes with models such as the *Racing Pro 1/10 GT R* and the *Speedster 1/10 X Track*. While the Racing Pro offers a slightly lower price point, the Savage 25 RTR's superior torque delivery and robust build quality make it a compelling choice for serious racers. The Speedster 1/10 X Track's advanced electronic control systems are comparable, but the Savage 25 RTR's mechanical simplicity ensures easier maintenance and reliability.

Pros and Cons

- Pros

  High horsepower and torque for explosive acceleration.
- Advanced double wishbone suspension for precise handling.
- Robust aluminum chassis with reinforced safety features.
- Realistic cockpit design with ergonomic controls.
- Strong community support and aftermarket parts availability.
- Higher initial cost compared to entry level models.
- Requires regular maintenance to keep performance at peak.
- Limited color options for the bodywork.

Customer Reviews and Feedback

Positive Feedback

Users consistently praise the Savage 25 RTR's power delivery and handling. Many reviewers note that the car feels "alive" on the track, with a responsive steering system that makes high speed cornering a pleasure. The build quality is also frequently highlighted, with several customers mentioning that the car withstands aggressive racing without visible wear.

Areas for Improvement

Some feedback points toward the need for more customization options, such as additional color schemes or interchangeable body panels. A few users also expressed a desire for more advanced electronic features, like telemetry or programmable driving modes, to further enhance the racing experience.

Buying Guide and Pricing

Where to Buy

The Savage 25 RTR can be purchased through HPI Racing’s official website, authorized dealers, and reputable online marketplaces

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