

SPRING (07) CATALOG

SPORTWERKS™



SWKC2007CB



©2007 Horizon Hobby, Inc. Sportwerks is an exclusive brand of Horizon Hobby, Inc.
www.horizonhobby.com

HORIZON
H O B B Y

7758.2



SPRING (07) CATALOG

 **SPORTWERKS™**

www.sportwerksRC.com



Sportwerks® vehicles, parts and accessories are designed to offer a level of performance that is unmatched by nearly any other brand of RC sport vehicles. Whether you are looking for a nitro or electric ready-to-run car, truck or buggy, Sportwerks gives you the high-quality features you want without having to spend hours on the workbench or having to buy tons of expensive upgrades. Sportwerks' designs are well tested, both on and off the track, to ensure that they offer the consistent results, solid handling and the RTR convenience demanded by today's enthusiast. Genuine Sportwerks option parts are developed with durability and performance in mind. Every part is designed to enhance the handling and appearance of your Sportwerks vehicle, letting you get the most out of each and every run.

SPORTWERKS—

PERFORMANCE INCLUDED

And Sportwerks accessories are built to the same high-quality standard to ensure that they are convenient to use, tough and reliable each and every time.

Look over the following pages, and visit online at www.sportwerksRC.com to find out more about the intense performance that only Sportwerks can offer.

RECOIL

1/14 SCALE RTR PERFORMANCE SEDAN



E-RACERS: NEW FROM SPORTWERKS

E-Racers™ represents the pinnacle of customizable RC performance, offering option after option for intense style and speed. No matter what type of driving you want to do, E-Racers lets you conquer the driveway, alleyway or the track. And E-Racers includes everything you need to start racing today, including installed electronics, a 7.2V battery, charger, radio system and more. The most complete line of mini performance vehicles—E-Racers. Only from Sportwerks®.

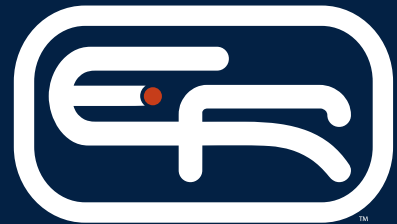
RECOIL 1/14-Scale Performance Sedan

Powered by an impressive 370-size motor routed through an incredibly responsive 4WD drivetrain, the Recoil™ RTR offers the exceptional speed and handling of bigger sedans in a compact 1/14-scale package. Unlike other mini-sedans, the Recoil packs true oil-filled shocks and ball bearings for real race sedan performance, along with front and rear differentials for durable, reliable running. A pre-cut and fully painted touring car body tops off the complete package.

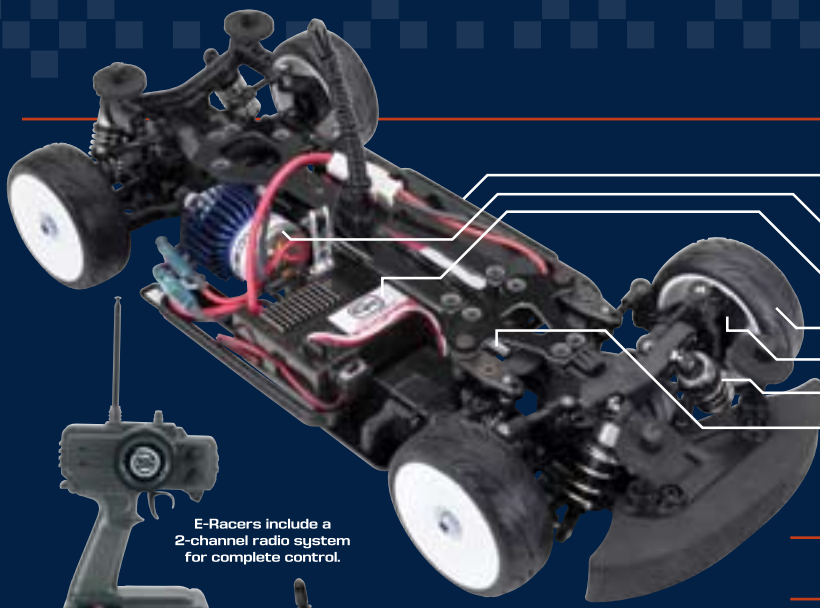
MANUFACTURED UNDER APPROVAL OF MAZDA MOTOR CORPORATION
THE RECOIL COMES IN A BLUE OR BLACK TRIM SCHEME.



SUWK1450 E-Racers 1/14 Recoil RTR



ERACERS™



E-Racers include a 2-channel radio system for complete control.

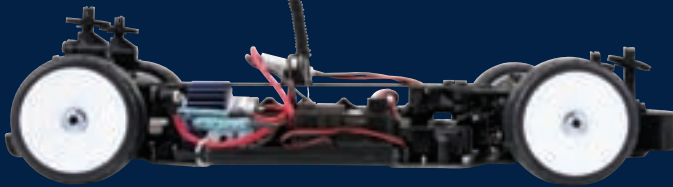
RECOIL™ FEATURES

- Lightweight, stable fiberglass chassis
- Powerful 370-size motor
- Electronic speed control, receiver and servo installed
- Pre-glued and mounted rubber tires
- Full ball bearings
- Oil-filled coil-over shocks
- Shaft-driven 4WD system with front and rear differentials

SPECIFICATIONS

Type: 4WD Electric Touring Car
Scale: 1/14
Length: 11.5 in (292mm)
Width: 5.25 in (133mm)
Wheelbase: 7.375 in (187mm)
Weight: 23.5 oz
Chassis: 2mm fiberglass
Suspension: Independent

Drive Train: Shaft drive with gear diffs and adjustable slipper
Tire Type: Rubber
Motor or Engine: E-370
Speed Control: Forward, reverse
Radio: 2-Channel AM 27MHz
Servos: S-25
Batteries: 6V 1100mAh Ni-MH



E-RACERS RECOIL

OPTION PARTS



SWK6906 HLR 8 Motor



SWK6908 Speed Gear Set



SWK6912 CV Driveshaft Set



SWK6916 Steering Rack Bearing Set



SWK6910 Turnbuckle Set



SWK6900 Foam Tire Set, 35 Pink (4)
 SWK6902 Foam Tire Set, 40 Magenta (4)
 SWK6904 Foam Tire Set, 45 Purple (4)



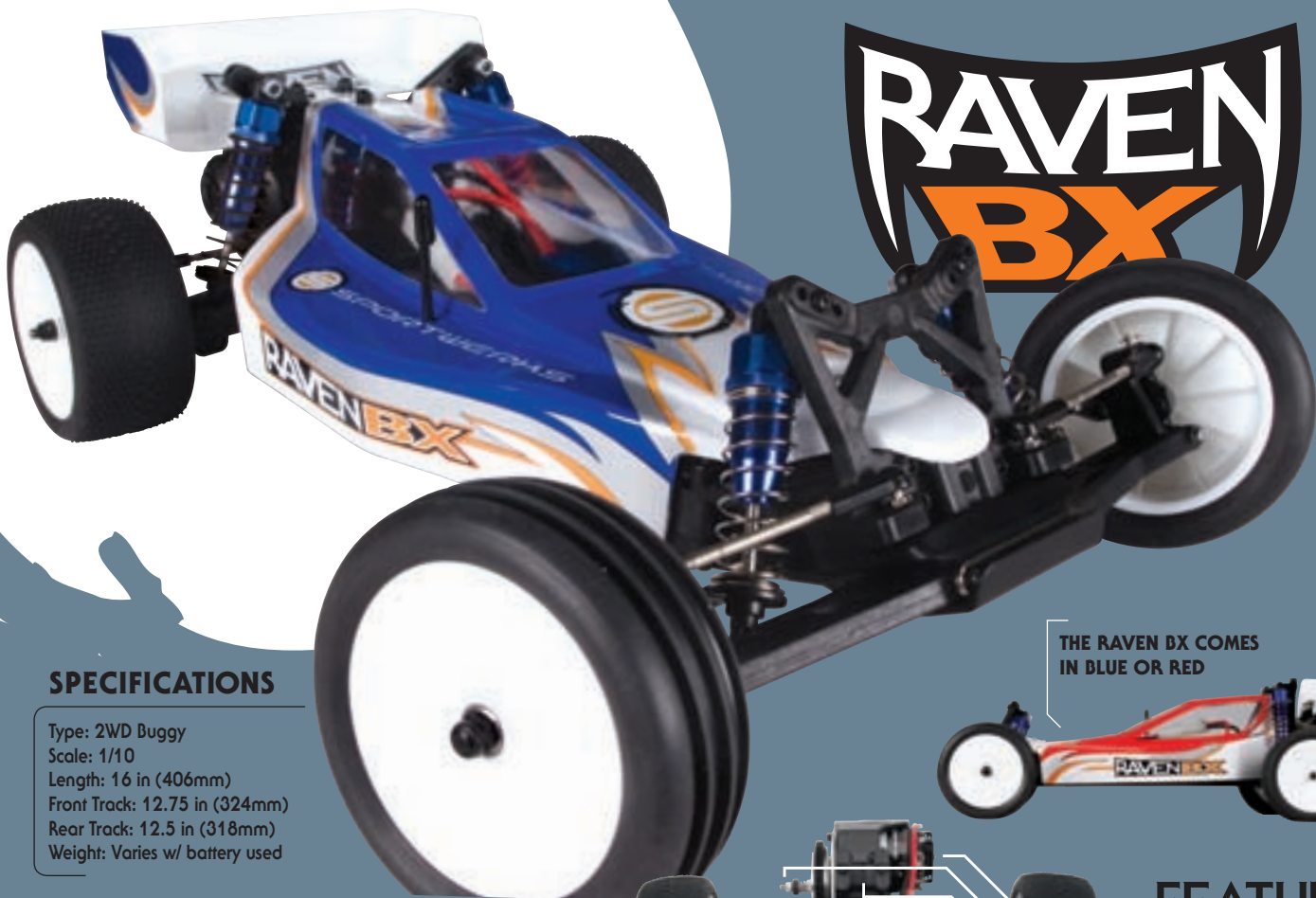
SWK6914 C-Hubs, 8 & 10 Degree



SWK6920 Shock Body Set, Alum



RAVEN BX



SPECIFICATIONS

Type: 2WD Buggy
 Scale: 1/10
 Length: 16 in (406mm)
 Front Track: 12.75 in (324mm)
 Rear Track: 12.5 in (318mm)
 Weight: Varies w/ battery used

A FEATURE-PACKED, AFFORDABLE WAY TO GET STARTED IN RC

RAVEN BX RTR 1/10-SCALE ELECTRIC BUGGY

The Raven™ ST from Sportwerks® is the ultimate combination of features in a completely ready-to-run vehicle. It's totally set up and dialed-in right out of the box, so there's no complicated setup process or assembly required. Just plug in your fully charged battery pack, install the "AA" batteries in the transmitter and punch the throttle for a blazing-fast time off-road. If racing is your thing, take the Raven ST to the track and let the Sportwerks 19-turn motor tear up the turns and straightaways. Either way, the Raven ST is an unmatched first-time RC experience.

SWK1510 Raven DX RTR
Electric Buggy



THE RAVEN BX COMES
IN BLUE OR RED



FEATURES

- 19T Modified Racing Motor
- Adjustable Slipper Clutch
- Planetary Gear Differential
- Pre-Glued Rubber Tires with Foam Inserts
- Reinforced Chassis Braces
- Molded Composite Chassis Design
- Dynamite Tazer 15T Speed Control w/Reverse
- 1600mAh Battery Included
- Adjustable Servo Saver
- Oil-Filled Shocks with Anodized Threaded Bodies
- Multiple Shock Mounting Locations
- Adjustable Turnbuckles



Sportwerks
2-Channel AM
Pistol-Grip
Radio System
Included



THE RAVEN ST COMES IN BLACK OR RED

A FEATURE-PACKED, AFFORDABLE WAY TO GET STARTED IN RC

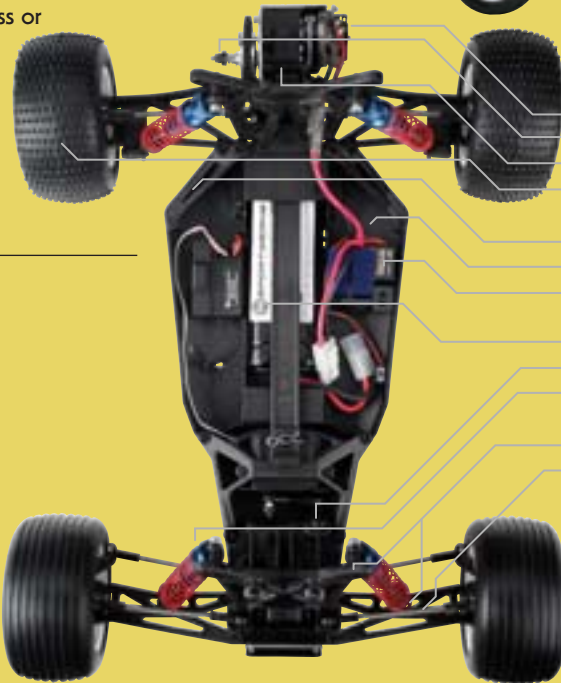
RAVEN ST RTR 1/10-SCALE ELECTRIC STADIUM TRUCK

The Raven™ ST from Sportwerks® is the ultimate combination of features in a completely ready-to-run vehicle. It's totally set up and dialed-in right out of the box, so there's no complicated setup process or assembly required. Just plug in your fully charged battery pack, install the "AA" batteries in the transmitter and punch the throttle for a blazing-fast time off-road. If racing is your thing, take the Raven ST to the track and let the Sportwerks 19-turn motor tear up the turns and straightaways. Either way, the Raven ST is an unmatched first-time RC experience.

SPECIFICATIONS

Type: 2WD Stadium Truck
 Scale: 1/10
 Length: 16 in (406mm)
 Front Track: 12.75 in (324mm)
 Rear Track: 12.5 in (318mm)
 Weight: Varies w/ battery used

SWK1500 Raven ST RTR
 Electric Stadium Truck



FEATURES

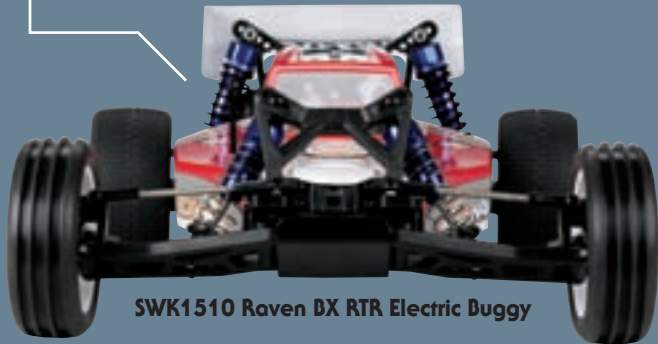
- 19T Modified Racing Motor
- Adjustable Slipper Clutch
- Planetary Gear Differential
- Pre-Glued Rubber Tires with Foam Inserts
- Reinforced Chassis Braces
- Molded Composite Chassis Design
- Dynamite Tazer 15T Speed Control w/Reverse
- 1600mAh Ni-Cd Battery Included
- Adjustable Servo Saver
- Oil-Filled Shocks with Anodized Threaded Bodies
- Multiple Shock Mounting Locations
- Adjustable Tumbuckles



Sportwerks
 2-Channel AM
 Pistol-Grip
 Radio System
 included



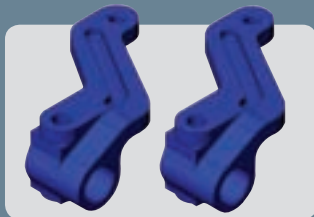
HOP-UPS



SWK1510 Raven DX RTR Electric Buggy



SWK1500 Raven ST RTR Electric Stadium Truck



SWK5150 Steering Block Set,
Aluminum: Blue (Fits ST & BX)



SWK5154 R-Hub Set, Aluminum Blue
(Fits ST & BX)



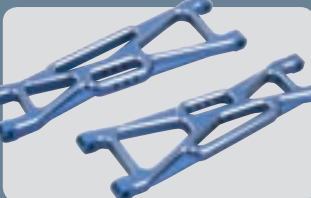
SWK5160 Front Shock Tower, Alumi-
num: Blue (Fits ST)



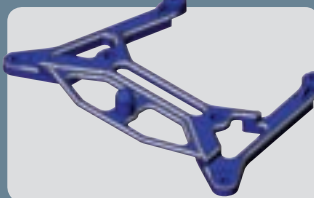
SWK5170 Heavy-Duty Linkage Kit
(Fits ST)



SWK5152 C-Hub Set, Aluminum:
Blue (Fits ST & BX)



SWK5156 Front Suspension Arms,
Aluminum: Blue (Fits ST)



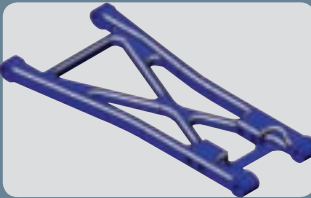
SWK5164 SX Top Brace Set, Aluminum:
Blue (Fits ST)



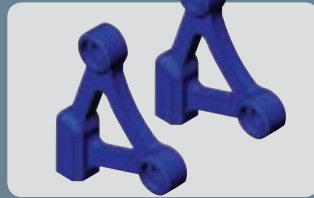
SWK5172 CV-Driveshafts (Fits ST)



SWK5158 Rear Suspension Arms,
Aluminum: Blue (Fits ST)



SWK5168 Tranny Brace Set, Aluminum:
Blue (Fits ST & BX)



TURMOIL^{PRO}



**No Limits.
No Rules.
No Mercy.**

Turmoil Pro 1/8-Scale 4WD ARR Buggy

The Turmoil™ Pro from Sportwerks® is sure to cause a commotion wherever you take it. Punch the throttle and send the big block power to the dirt, disturbing the ground with the track-shredding performance only Sportwerks can offer. Factory-built to exacting specifications, the Turmoil Pro brings the ultimate combination of performance parts and competition design to the backyard or the track. From the anodized aluminum parts and rigid chassis bracing, to the advanced steering and suspension design, the Turmoil Pro gives you the perfect package for jumping into nitro racing today. Just install your radio gear (not included) and prepare for a no-compromise off-road experience.

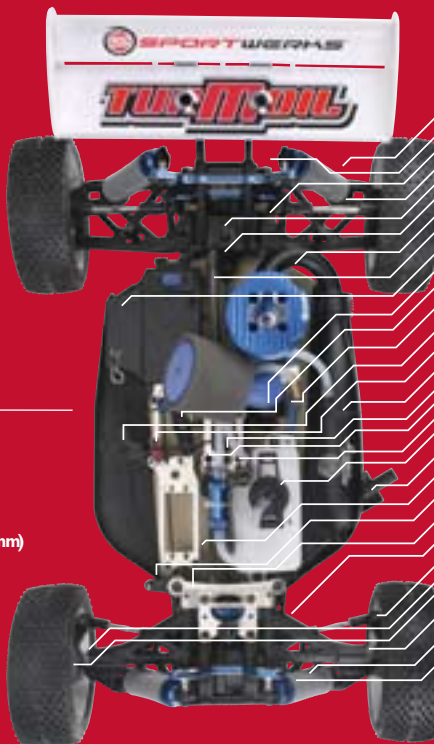
SPECIFICATIONS

Adjustable Wheelbase: 12.8–13 in (325–330mm)
Width: 12.2 in (310mm)
Length: 19 1/2 in (492mm)
Weight: 7.6 lb (3.4 kg)
Gear Ratio: 10.86:1
Adjustable Track (Front): 10.6–12.2 in (270–310mm)
Track (Rear): 12.2 in (310mm)
Engine: Sportwerks .21 V2 (SWK1155 only)
Exhaust: 007 HT tuned exhaust (SWK1155 only)



SWK1105 Turmoil Pro 1/8 4WD BUGGY ARR
SWK1155 Turmoil Pro 1/8 4WD BUGGY ARR w/.21 V2 engine

FEATURES



- Gray medium firm springs
- Dual front & rear lower hinge pin braces
- Aluminum inner suspension mounts
- Heavy-duty turnbuckles
- Drop down rear body mount
- CVD dust boots
- FCG7075 T-6 hard-anodized aluminum chassis
- Torque rod stiffeners
- Weatherproof radio box
- 13T clutch bell
- Steel spur gear
- One-piece engine mount
- Universal transponder mount
- Micro adjustable brake linkage
- 007 HT tuned pipe with round header
- Ball bearing brake pivots
- Dual ventilated disk brakes
- Split-case design center differential mount
- Fuel tank with multi-position pressure tap
- Molded pipe protector
- Aluminium radio tray standoffs
- Adjustable heavy-duty servo saver
- CNC machined aluminum hinge pin mount
- Ackerman adjustable steering rack
- Stronger steering knuckles
- Hard-anodized pivot ball suspension w/ steel studs
- Rubber sealed ball bearings
- Aluminum camber shims
- Rubber shock boots
- Threaded shock adjuster collars

TURMOIL^{RTR}

**SPEKTRUM
DX2
COMPUTER
RADIO SYSTEM
INSTALLED**

Turmoil RTR 1/8-Scale 4WD Buggy

The Turmoil™ RTR from Sportwerks® is sure to cause a commotion wherever you take it. Punch the throttle and send the .26 V2 big block power to the dirt, disturbing the ground with the track-shredding performance only Sportwerks can offer. Factory-built to exacting specifications, the Turmoil RTR brings the ultimate combination of performance parts and competition design to the backyard or the track. From the anodized aluminum parts and rigid chassis bracing, to the advanced steering and suspension design, the Turmoil RTR gives you the perfect package for jumping into nitro racing today.



THE TURMOIL RTR FEATURES

- Spektrum DX2 Computer Radio System—
The Pre-installed crystal-free DSM® technology includes an SR3000 DSM receiver and Z-590 high-torque steering servo (85 oz/in of torque).
- The Sportwerks .26 V2 racing engine includes a competition 7-port design and turbo crankshaft
- 007 HT tuned pipe with round header
- Push-button handheld electric starter and glow igniter

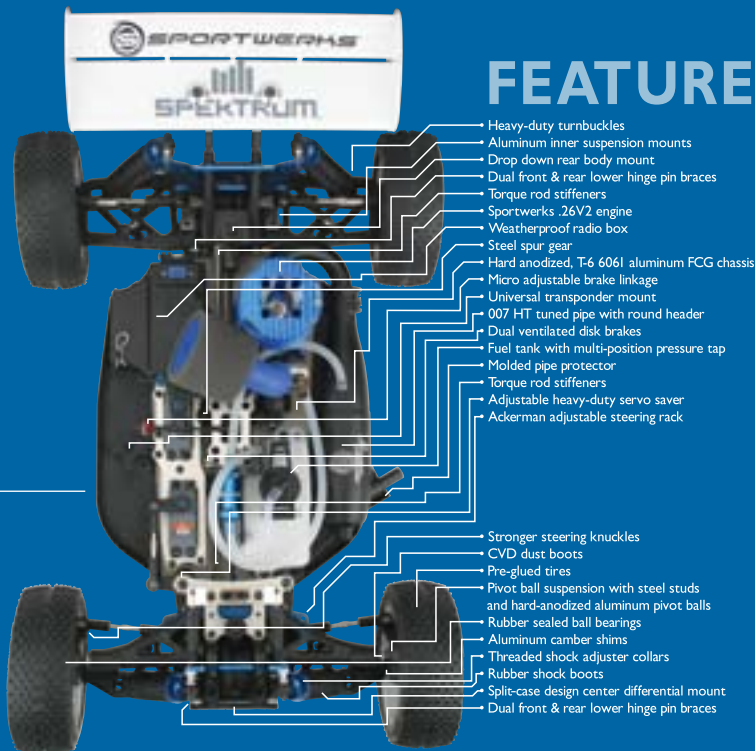
SPECIFICATIONS

Adjustable Wheelbase: 12.8–13 in (325–330mm)
Width: 12.2 in (310mm)
Length: 19.4 in (492mm)
Weight: 7.6 lb (34 kg)
Gear Ratio: 10.86:1
Front Track (adjustable): 10.6–12.2 in (270–310mm)
Rear Track (rear): 12.2 in (310mm)
Engine: Sportwerks .26 V2
Exhaust: 007 HT tuned exhaust
Radio: Spektrum DX2 computer system



SWK1225 Turmoil RTR 1/8 4WD BUGGY

FEATURES



- Heavy-duty turnbuckles
- Aluminum inner suspension mounts
- Drop down rear body mount
- Dual front & rear lower hinge pin braces
- Torque rod stiffeners
- Sportwerks .26V2 engine
- Weatherproof radio box
- Steel spur gear
- Hard anodized, T-6 6061 aluminum FCG chassis
- Micro adjustable brake linkage
- Universal transponder mount
- 007 HT tuned pipe with round header
- Dual ventilated disk brakes
- Fuel tank with multi-position pressure tap
- Molded pipe protector
- Torque rod stiffeners
- Adjustable heavy-duty servo saver
- Ackerman adjustable steering rack
- Stronger steering knuckles
- CVD dust boots
- Pre-glued tires
- Pivot ball suspension with steel studs and hard-anodized aluminum pivot balls
- Rubber sealed ball bearings
- Aluminum camber shims
- Threaded shock adjuster collars
- Rubber shock boots
- Split-case design center differential mount
- Dual front & rear lower hinge pin braces

Mayhem^{RTR} ST

No Rules.
No Equals.
No Limits.

SWK1210 Mayhem ST 1/8 4WD
RTR Stadium Truck

SPECIFICATIONS

Wheelbase: 13.0 in (330mm)
Width: 16.5 in (419mm)
Length: 19.4 in (492mm)
Weight: 9.5 lb (4.3 kg)
Track (Front): 16.3 in (415mm)
Track (Rear): 16.5 in (419mm)
Gear Ratio: 3.54:1

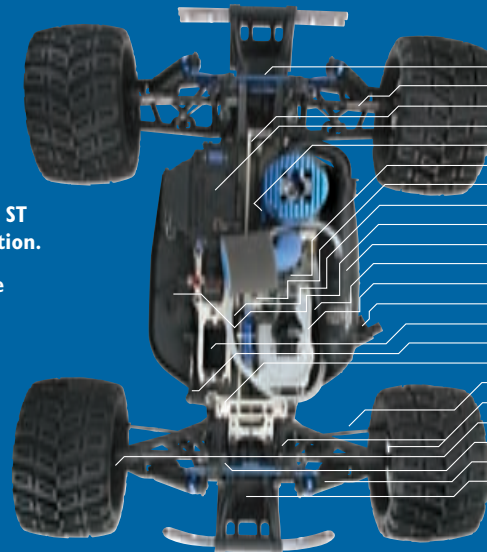
Mayhem ST 1/8-Scale 4WD RTR Stadium Truck

What happens when you take the proven performance and durability of the Mayhem™ buggy to the next level? As soon as you drive the Mayhem ST, you'll know.

With its combination of race-inspired design and track-tested performance, the Mayhem ST is a one-of-a-kind RC experience. From the moment you hit the ground with it, the handling, speed and all-out toughness of the Mayhem ST make it clear this is the choice for big-time, fun-to-run action.

A thick, durable aluminum chassis and shock towers make the Mayhem ST tough enough to handle anything you can throw at it. The hard-anodized shocks soak up the terrain, while the long-travel pivot ball suspension gives the Mayhem ST an aggressive stance and incredible handling. From the minute you fire up the installed Sportwerks™ .26 big block engine and hit the throttle, you'll know you're driving the most exciting 1/8-scale, 4WD nitro truck available.

FEATURES



- Dual front & rear lower machined hinge pin braces
- Heavy-duty turnbuckles
- Aluminum chassis braces
- Weatherproof radio box
- Heat sink engine mounts
- Steel spur gear
- Split-case design center differential mount
- Dual ventilated disc brakes
- Universal transponder mount
- High torque tuned exhaust system
- Hard-anodized chassis
- Best-in-class fuel tank w/ splash guard & over-fill protection
- Molded pipe protector
- Laydown steering servo for low CG
- Adjustable heavy-duty servo saver
- CNC-machined aluminum hinge pin mount
- Heavy-duty turnbuckles
- Rubber-sealed ball bearings
- Pivot ball suspension
- 3mm 6061 T6 aerospace quality aluminum shock tower
- Hard-anodized threaded shock bodies
- Dual front & rear anti-roll bars

THE MAYHEM ST INCLUDES

- Sportwerks .26 Rear Exhaust Engine and High Torque Tuned Exhaust
- Push Button Electric Start
- Massive Pre-Glued Tires and Wheels
- JR® XR2i Radio System
- 6 Volt, 1000mAh Receiver Pack and Charger
- High Torque JR Z590 Steering Servo

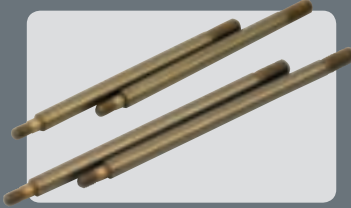


TURMOIL**TURMOIL™**

HOP-UPS



SWK9196 7075 Aluminum Clutch Shoe Set
SWK9197 7075 Lightweight Clutch Shoe Set



SWK9005 Ti-Nitride 54mm Shock Shaft
SWK9006 Ti-Nitride 64mm Shock Shaft



SWK9248 Aluminum Front Suspension Mounts



SWK8057 Pull-Start Eliminator Back Plate

Cause a commotion around the neighborhood or at the track with genuine Sportwerks® option parts. Designed to fit your Sportwerks vehicles perfectly, they offer greater performance for an even more intense RC experience. Because there's no such thing as "too fast!"



SWK9098 Aluminum Diff Case, Polished



SWK9158 Torque Rod Stiffeners



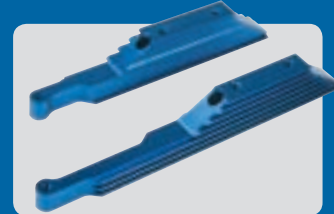
SWK9170 Heavy-Duty 17mm Wheel Hubs



SWK9016 Aluminum Servo Mounts



SWK9190 Vented Flywheel



SWK9228 Heavy-Duty Engine Mounts



SWK3047 Front Springs, Medium-Firm, Gray
SWK3057 Rear Springs, Medium-Firm, Gray



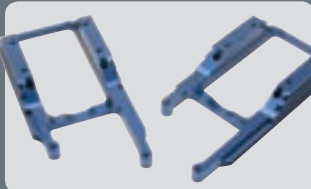
SWK9143 5mm Front Shock Tower
SWK9162 5mm Rear Shock Tower



SWK9010 Rubber Shock Boots (4)



SWK9113 Ti Nitride Clutch Bell 13T



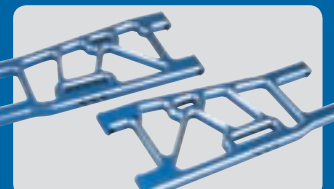
SWK9230 One-Piece Engine Mount (Nova)
SWK9231 One-Piece Engine Mount (Picco)



SWK9172B Capped Wheel Nuts



SWK9278 5mm Front Shock Tower, Blue



SWK9284 Aluminum Rear Arms, Blue

ACCESSORIES



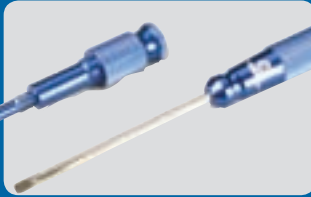
Tools, tuning accessories and much more, all designed and built with your Sportwerks® vehicle in mind. For anything you need to hit the track and keep your truck or buggy performing, trust genuine Sportwerks accessories.



SWK9910 EZ-On Clutch Spring Tool



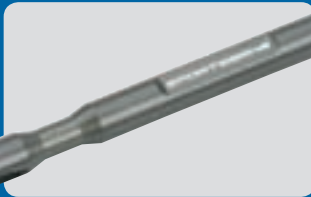
SWK9911 Header Spring Tool



SWK9912 3-n-I Screwdriver



SWK9915 Big Body Reamer



SWK9914 1/8 Turnbuckle Wrench



SWK9920 Metric Allen Driver Set

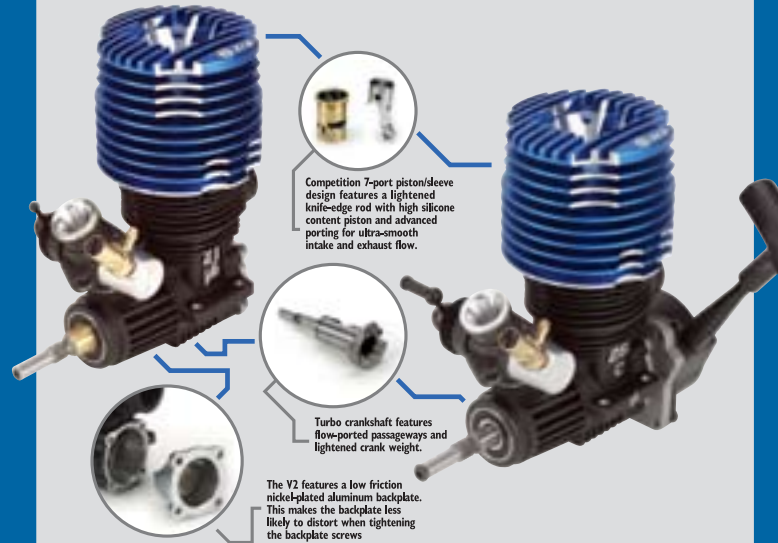


SWK9202 053 In-Line Tuned Pipe



SWK9203 High Torque In-Line Tuned Pipe

SPORTWERKS .21 AND .26 ENGINES



Competition 7-port piston/sleeve design features a lightened knife-edge rod with high silicone content piston and advanced porting for ultra-smooth intake and exhaust flow.

Turbo crankshaft features flow-ported passageways and lightened crank weight.

The V2 features a low friction nickel-plated aluminum backplate. This makes the backplate less likely to distort when tightening the backplate screws

SPORTWERKS .21 V2 ENGINE

The Sportwerks .21 V2 racing engine (included with SWK1155 only) features a competition 7-port design and turbo crankshaft with flow-ported passageways for increased power across the rpm range. Raised exhaust timing adds even more power, while a new Swiss-made front bearing seals the engine from air leaks, dirt and debris. An aluminum backplate is also included for a strong, solid seal.

SWK8082 Sportwerks .21 V2 Racing Engine

SPORTWERKS .26 V2 ENGINE

The Sportwerks V2 racing engine features a 7-port design, turbo crankshaft with flow-ported passageways and lightened crank weight. Additional performance features on the V2 include a knife-edge connecting rod, high-quality Swiss-made bearing that seals the engine, and an oversized aluminum heat sink head to help optimize cooling.

SWK8087 Sportwerks .26 V2 Racing Engine