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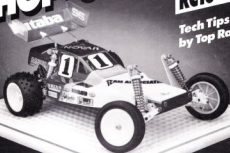
PRESENTS

\$4.00

HOP-UP HINTS™

RC10

Tech Tips
by Top Racers!



**HANDLE
BETTER**



**GET
TOUGHER**



**LOOK
COOLER**



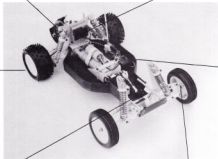
**GO
FASTER**



Reduce friction and improve your RC10's handling with slipper bearings (page 26 and 27).

When it's time for an electronic speed control, check out the new-generation offerings (page 10 and 11).

To increase rear traction, see page 28.



Loose 3 ounces with this unbreakable graphite sub-chassis (page 13).

Tighten up your steering for better handling (page 16).

Dynamic bearings should be your Number 1 option for speeding up your RC10 (page 4).

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Commutator Thrust		Shock Towers				Receiver Mounts		and Accessories	
Mini Receivers		Shock Accessories				Servo Servos			
Motors		Steering Systems				Slipper Clutches			
Motor Accessories		Suspensions				Tie Rods			
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B&R MOTORWORKS Bullet Stock Motor

B&R's Yokomo-based Bullet stock motor features 36° advanced timing, replaceable brushes and springs. The dual slant silver graphite brushes fit into realigned brush leads. B&R dyno-test and fully broken-in the Bullet. B&R1003, \$28.00



TRINITY Joel Johnson Stock Motor

This Trinity-based stock motor offers 34° advanced timing. The Joel "Magic" Johnson Signature motor comes with heat-stick endbell and Trinity's own Speedworks dual slanted "Speed Brushes." TR0444, \$28.00



ASSOCIATED ELECTRICS Elite Stock Motor

This Yokomo-based motor features broken-in, pre-installed silver brushes. Special brush springs assist contact loss from heat. Comes pre-wired with Associated connector. ASC6803, \$28.00



PEAK PERFORMANCE Psycho Stock Motor

Peak's Epic-based Psycho stock motor features 40° advanced timing, wet magnets, heat-stick endbell and is fully broken-in. PEK0003, \$28.00



CAM RACING MOTORS Stock Motor

Looking for a competition-quality stock motor? CAM's Yokomo-based stock gives you 36° advanced timing, special-compound brushes and is fully broken-in. CAM0999, \$28.00



TWISTER MOTORS Pocket Rocket Super Pro Stock

Twister's Pocket Rocket Super Pro stock motor is Epic-based, with 40° advanced timing. The motor comes with an extra set of wet brushes and an instruction manual with motor break-in and performance tips. TW1000, \$28.00



REVTECH Maxima Stock

RevTech's Maxima AYK-based motor gives you 36° advanced timing and a heat-stick endbell. It comes fully broken-in. RET4115, \$28.00



TRINITY Monster Stock Motor

Trinity's Monster stock 27 turn motor has heat-stick endbell, wet magnets and 34° advanced timing. TR0200, \$28.00



DYNAMITE TNT Stock

Dynamite's TNT Yokomo-based motor offers 18° advanced timing, hard brushes and heat-stick endbell. The Dynamite motor is fully broken-in and includes both Associated and Tamiya motor connectors. DYN0000, \$28.00



ASSOCIATED ELECTRICS Reedy ES Sport Modified

This Eprisi-series 20 turn motor offers beatnik cutbill and replaceable brushes. ASC6077, \$28.00



B & R MOTORWORKS Sportsman Budget Modified

B&R's 17 turn motor features a special-compound cut brush that is fully broken-in for increased rpm. This motor with bushings features beatnik cutbill and comes with an extra set of cut brushes and capacitor. B&R3017, \$28.00



CAM RACING MOTORS 17 Turn Super Stock

CAM's 17 turn Super Stock motor features a machine-wound armature, dual bushings and beatnik cutbill. This Yokomo-based budget modified comes fully broken-in. CAM091L, \$28.00



TWISTER MOTORS 17 Turn Pocket Rocket Modified

Twister has a great, inexpensive way to increase the power and performance of your RC10. The 17 turn Pocket Rocket is a machine-wound, Yokomo-based modified motor with beatnik cutbill and dual bushings. TWT1001, \$28.00



ASSOCIATED ELECTRICS Reedy ES Budget Modified

Reedy's Eprisi-series 17 turn motor is an inexpensive way to increase your RC10's performance. This Yokomo-based, machine-wound motor features a beatnik cutbill and is fully broken-in. It includes capacitors, an Associated motor connector and motor screws. ASC6006, \$28.00

ASSOCIATED ELECTRICS Competition Motor Brushes

Specially compounded by World Champion motor-builder Mike Reedy, these competition motor brushes contain a high concentration of lubricant for reduced friction. Used by Associated's World Championship team. ASC6017, \$3.00/pair



CAM RACING MOTORS Super Stock Budget Modified

Ready for more power and speed in your RC10? CAM's Yokomo-based, 20 turn, machine-wound motor offers more performance than stock versions without getting out of hand. Perfect for novice modified drivers or slippery tracks, this budget modified comes fully broken-in, ready to race. CAM090, \$28.00



TRINITY Speedworks Buggy Motor

Designed as an inexpensive way to make your RC10 fly, Trinity's 20 turn machine-wound Buggy Motor features a beatnik cutbill and dual bushings. This Trinity-based motor comes with capacitors and motor lead wire. TR0001, \$29.99





ASSOCIATED ELECTRICS Reedy 15 Turn ES Modified

Reedy's 15 turn E-Sprit-series mid-line modified motor has a good balance between power and speed for your RC10, making it ideal for racing on medium-traction tracks. Featuring brass-rod endbell and dual ball bearings, this fully broken-in, 4-wd motor is easy on batteries. ASC6509, \$43.00



TRINITY Speedworks "350P" 2wd Modified

Featuring a machine-wound, 18 turn double armature, Trinity's "350P" 2 wheel drive Speedworks motor is Trinity-based, has adjustable timing, dual ball bearings and wet magnets. Capacitors and motor leads included. TR30005, \$39.99



ASSOCIATED ELECTRICS Reedy Ultimate ES Modified

Want to be first off the line going into Turn 17? Increase your chances with Reedy-in-a-Can motor spray additive. For an added short-term boost, spray a small amount directly on your commutator just before going to the line. ASC6550, \$4.50



ASSOCIATED ELECTRICS Reedy Ultimate ES Modified

Looking for a mid-priced motor with mega-power and speed? Reedy's 13 turn E-Sprit-series modified gives your RC10 awesome performance (more experienced drivers only, please). This Yokomo-based machine-wound motor features a brass-rod endbell, dual ball bearings and is fully broken-in. Recommended for high-traction tracks and high-capacity SCE batteries. ASC6510, \$43.00

TECH TIP

Choosing a Modified Motor

by Rick Roberts,
Paul Performance

When choosing a modified motor for your RC10, there are two important factors to keep in mind. First of all, the ability of the driver must be considered. Drivers who are purchasing their first modified motor should stick with a mild motor that has anywhere from 19 to 21 turns. After gaining enough experience with this increase in power, the driver can then experiment with a more powerful motor in the 15-18 turn range. Remember, you have to be in control of your car to be fast, and having the fastest motor on the track doesn't guarantee the fastest lap times.

The second factor to consider is the characteristics of the track where you will race. Generally, large, wide-open tracks allow you to run a faster motor than small, tight tracks. These days, top drivers run as low as 12 turn modified motors on very large tracks, but a motor in the 15-18 turn range works quite well. On smaller tracks, 17-20 turn motors can be used. You will still have good speed and will be in control of the car. On all tracks, you want to give the motor so the car will "lap out" approximately 1/4 of the way down the longest straight-away.

Traction will also affect your choice of motor. On low-traction tracks you won't be able to put as much power to the ground, so you will have to run a mild motor to keep the wheels from spinning.

These suggestions should give you a fairly good idea of what type of modified motor to buy. Most motor manufacturers are happy to answer any questions you might have concerning the purchase of a modified motor. Don't be afraid to call and ask questions. And don't overlook the assistance you can get at your local hobby shop or racetrack!





PEAK PERFORMANCE Rick's Pick 13 Turn Modified

Rick Holman—owner of Peak Performance, team driver for Associated and many-time National champion—makes one of his favorite motors available for your RC10. This hand-wound, 13 turn triple, Yokomo-based motor gives incredible performance on high-traction tracks and is recommended for use by experienced drivers with high-capacity SCBs. Rick's Pick features special-compound brushes and is fully broken-in, ready to win. PEG0090, \$80.00



TWISTER MOTORS 15 Turn Hurricane Modified

Twister's hand-wound Hurricane gives smooth pulling power off the corner while maintaining a good top speed. This Yokomo-based motor features wet magnets and is fully broken-in. TW11001, \$80.00



CAM RACING MOTORS 18 Turn Double Modified

CAM's Yokomo-based hand-wound 18 turn motor features a broken-in, special-compound brush. A special patterned-layer wind was developed specifically for the smooth acceleration that's needed in 2 wheel drive. Best for medium to slippery tracks, and it's very easy on batteries. CAM1024, \$80.00



ASSOCIATED ELECTRICS Reedy Ultra Gold Star Modified

One of National Champion Cliff Lee's favorite motors, the Reedy hand-wound, 14 turn double Gold Star motor provides a smooth, mid-range power band with plenty of rpm on top. Perfect for mid- to high-traction tracks, the Ultra Gold Star features brass/carbon endbells and comes fully broken-in with special brushes. Designed for SCE batteries. ASC0525, \$80.00

SERMOS Powerpole Snap Connectors

In our comparison test (see Fall 1997's *Model Ship News*), Sermos' motor and battery connectors gave the lowest resistance of any we tested. This means more power gets to your motor. Connectors can be snapped together for polarity protection. SER1000, \$5.90



REYTECH 16 Turn U.S. Express Modified

RevTech's U.S. Express hand-wound modified gives smooth acceleration with good top-end rpm. Great for medium-traction tracks, this Yokomo-based motor features special-compound racing brushes and is fully broken-in. RET10116, \$80.00



PEAK PERFORMANCE 16 Turn Animal Modified

Peak Performance's Animal is a hand-wound, quad modified that provides smooth acceleration in the corner while still maintaining good rpm. This Yokomo-based motor features special-compound brushes that are broken-in. Best for medium-traction tracks. PER0045, \$80.00





TRINITY 17 Turn Jost Johnson Modified

Great for mid- to slippery-traction tracks, this Trinity-based, 17 turn hand-wound motor provides your RC30 with a very smooth power band and is easy on the battery. Features wet magnets, purple brush bristles and special-compound brushes. TR11708, \$80.00



B & R MOTORWORKS 14 Turn Quad Modified

Designed for medium- to high-traction tracks, B&R's hand-wound 14 turn quad features a special-compound cut brush for increased power and rpm. This fully broken-in Yokomo-based motor comes with capacitors and an extra set of cut brushes. B&R2414, \$80.00



PEAK PERFORMANCE 12 Turn Beast Modified

If you're looking for mega-acceleration and horsepower, check out the 12 turn Beast. This hand-wound modified is great for high-traction tracks, experienced racers and high-capacity SCE batteries. The Yokomo-based Beast features Peak's own special-compound brushes that are fully broken-in. PEK0060, \$80.00



RACER'S CHOICE INC PRODUCTS HyHex Motor Drops

Designed to lubricate your motor's commutator, Racer's Choice motor drops improve performance and cut down on grinding and comm wear. Also works great during break-in. RCL7014, \$4.50



B & R MOTORWORKS Nitro Motor Drops

B&R's nitro drops lubricate your motor's commutator and help prevent arcing and pitting, to give you added performance. Also can be used when breaking in brushes. B&R303, \$4.00



BUD'S RACING PRODUCTS "DA" Brushes

Bud's "DA" brushes are .003" thicker and wider than standard brushes, giving a closer tolerance fit in your motor brush block, which prevents vibration, brush bouncing and arcing. Eyes are installed. These special-compound brushes are available in several versions. Standard full (BUD7160, \$4.00) are best for short, high-traction tracks where you need maximum acceleration. Air Cool Six brushes (BUD7161, \$4.50) aid in brush cooling and give more rpm than full brushes, with slightly less amp-draw. For increased rpm with stock motors using advanced timing, try Tined "DA" brushes (BUD7162, \$4.50). Horizontal Cut (BUD7163, \$4.50) brushes give increased rpm, less amp-draw and smooth acceleration. Vertical Cut (BUD7164, \$4.50) brushes give increased rpm and maximum torque (acceleration).

TEKIN Motor Break-In Box

Great for use at the track, Tekin's DC-powered motor break-in box features adjustable current, allowing you to set your break-in rpm. The compact box is over-load-protected and includes a voltmeter tap to monitor current and voltage. TEK307500, \$40.00



GO FASTER



DYNAMITE Bearings

By reducing rolling resistance, DYNAMITE's 35-piece precision bearing set for the RC10 gives you increased speed and run time. These high-grade double-shielded stainless steel bearings last longer and require less maintenance than stock bearings—which means you spend more time running, less time wrenching. A must-have item for your lightning-quick RC10! DYN10300, \$79.95



DYNAMITE RC10 Bearing Set for "New" Front Wheels

This 16-piece bearing set fits Associated's Champ RC10 with the new style, 3-piece front wheels. Each set contains four "M" x "H" bearings that fit the new wheels, in addition to 12 bearings for the tranny and drive train. DYN10301, \$78.95

MAGIC MOTORSPORTS Commutator Tracer

Each time you run your motor, carbon builds up on the commutator and small pits develop. This eventually degrades your motor's performance. Magic Motorsports' comm-tracer allows you to resurface your armature's commutator so your motor keeps putting out top performance. MAG0993, \$149.99



TECH TIP

Batteries

by Tom Crowe,
Progressive Technologies

There are several different types of battery packs for you to choose from. For sport or fun running, economy sport packs are the way to go. But once you get started in competitive racing, you'll need to select a pack that best suits your type of racing. For stock class races, 6-cell SCR packs give the most power and speed, and they are very durable.

In the modified class, 7-cell SCE packs have a higher capacity and are the popular choice. This higher capacity gives the extra run time needed with high-current-draw modified motors.

Some top pro racing teams are experimenting with 7-cell SCR packs. These packs give higher voltage than SCEs for greater speeds, but with a reduced capacity (run time). When using these packs, you must pay closer attention to motor selection and gearing so you can finish the race.

Charging

For sport or fun running, an inexpensive standard charger works fine. When you begin racing, however, look into purchasing a peak detector charger. This type of charger automatically

shuts off when the battery pack is fully charged.

Most peak detector chargers allow you to adjust the charging current. I recommend these charge rates:

Sport packs	25% to 3 amps
SCR packs	4 to 6 amps
SCE packs	25% to 4 amps

Discharging

Discharging is very important, even for entry-level racers. To get maximum performance from your battery packs, you'll need to fully discharge them. To start with, you can use a discharge resistor. Once you get past the entry level, you may want to purchase a discharger that shows how much energy your pack has left. Several excellent types of dischargers are on the market. Remember, when you know how much energy your pack has after a run, it will better enable you to determine the quality of battery and the type of gearing you need.

Finally, make sure to give your batteries a rest between runs. I recommend one day for SCRs and two days for SCEs. One other important factor that you must consider is "research"—when you know your batteries, you will save money. You don't necessarily need the most expensive battery pack to win, and your main objective should be to have fun at the track!



PROGRESSIVE TECHNOLOGIES Super Gold SCEs

Looking for awesome, high-capacity batteries to power your RC10 to the winner's circle? Progressive's Super Gold SCEs are the best of the best. These 20 amp matched cells give a minimum 340 sec at a 20 amp rate. Progressive goes through tons of thousands of cells to make the very best available to you. Cells come with heat-shrink, insulator discs and gold bar jumpers. PRT1407 (6 cell pack), \$84.00; PRT1408 (7 cell pack), \$95.00



PROGRESSIVE TECHNOLOGIES Super Gold SCEs

Progressive's Super Gold SCE packs are 30 amp matched and give a minimum of 325 sec at 30 amps. The cells are also selected for the highest voltage, giving maximum power and speed for your race. Cells come with heat-shrink, insulator discs and gold bar connectors. PRT1507 (6 cell pack), \$78.00; PRT1508 (7 cell pack), \$91.00



TRINITY Pushed SCE and SCR Cells

Trinity offers its high-performance matched cells in both SCE and SCR packs. They represent the top-level performing cells to give maximum voltage (speed) and capacity (run time). Trinity uses a special "pushing" process to increase the power of the cell. TR1501 (6 cell SCE), \$69.99; TR1502 (7 cell SCE), \$69.99; TR1504 (6-cell SCR), \$67.00; TR1505 (7 cell SCE), \$79.00



SANYO 7 Cell 1700mah SCE Packs

These 7 cell hump packs give your RC10 up to 50% more run time. Perfect for hot modified racers, these SCE packs come provided with a Tamiya battery connector. DLR404, \$52.50



SANYO 6 Cell SCR 1200mah Pack

Sanyo SCR cells are the ones to choose for rugged high-voltage-output batteries, because they give maximum speed. These cells accept high-charge rates for quick recharges and are very durable for continuous use. And although they cost a little more, your Sanyo SCR stick pack will last a long time. The pack comes provided with a Tamiya connector. DLK408, \$37.50



ASSOCIATED ELECTRICS Ready Power 6 Cell SCR Pack

Associated's Ready Power 6 cell SCR packs are easy to install in your RC10. These popular stick packs feature welded construction and come provided with a Tamiya connector. ASC676, \$36.00



TRINITY Brush Heatshinks

Testing has shown that reducing your motor's operating temperature by just a few degrees will increase your motor's efficiency and performance. Trinity's popular brushed brush heatshinks are designed to dissipate heat from the critical brush-commutator area. TR4039, \$2.99

TECH TIP

Current Limiting

by Rob Novak and Tjere Pallas,
Novak Electronics

One of the features you'll find on most new speed controllers is the current (torque) limiter. This allows you to limit the amount of current passed through the speed control to the motor. The idea is to limit the excessive torque that causes wheel spin and loss of control, and to increase run time. To be effective, the current limiter should be set to the lowest setting (measured in amperes) possible while still maintaining good acceleration. Most current limiter settings can be measured with a digital voltmeter.

As an example of how to use the current limiter, imagine that you're racing on a slick track. You'd set the current limiter to a lower ampere setting (smaller number), until your vehicle is most drivable. If you set the current limiter too low, you'll experience unusually slow acceleration. If your track has steep jumps, you may find it necessary to adjust the current limiter as you have enough current to make those jumps.

Keep in mind that changes in gear ratio and tire diameter will have a small effect on the current limiter setting, while changes in track conditions or number of motor turns will have a greater effect on the current limiter setting. Once you arrive at a setting you are happy with, measure the current limiter and record the measurement, along with motor wind, gear ratio, tire diameter and track conditions.

Once you become comfortable using the current limiter, you'll be able to set it with the same confidence you have when changing motors or tires as conditions change.



NOVAK MXc High-Frequency Speed Controller

For the ultimate in current handling capability, Novak's 418-MXc features 12 MEGAETTs for super-low resistance. Other features include adjustable torque limiter, high-frequency switching and an LED indicator light for easy setup. A universal input plug system allows you to use Futaba, Airtronics, KO, JR and Kyosho radios. NOV1720, \$200.00



TEKIN 411 High-Frequency Speed Controller

Tekin's new 411 high-frequency controller will handle even the hottest motor in your RC10. Featuring an adjustable torque control that prevents wheel spin, this forward-only, adjustable brake controller is easy to install and set up. The universal plug system allows you to use Futaba, Airtronics, JR, KO and Kyosho radios. TEKSC411R, \$170.00



TEKIN 700 Speed Controller

Tekin's top-of-the-line controller features 8 forward MEGAETTs for super-low resistance, an adjustable torque control and an LED indicator to set the neutral and high-speed positions. It also offers high-frequency switching. Perfect for serious RC10 racers, the 700 model comes with hermetic capacitors, pot plugs, inductors and diodes. TEKSC700, \$200.00



NOVAK T-4 Forward/Brake Speed Controller

Perfect for sport or entry-level racing, Novak's T-4 speed controller offers many pro features at an economical price. Features include LED indicator that makes set-up adjustments easy, TES-IPWET-protection to prevent overload burnouts and fully adjustable brakes for on-track tuning from your transmitter. Comes pre-wired with a Tompa battery connector and Associated motor connector for easy installation in your RC10. NOV1425, \$115.00



NOVAK M1c High-Frequency Speed Controller

Novak's 410-MHz controller features high-frequency operation, torque limiting, and regenerative battery charging. MicroA/FET transistors give low resistance. Universal plug allows you to use Futaba, Airtronics, JR, KO and Kyosho radios. NOV1620, \$175.00



NOVAK Competition Speed Controller with Reverse

This Novak speed controller with proportional forward, reverse and adjustable brakes is perfect for hot RC10 sport racers. Featuring a dual-color LED for easy setup, this speed controller also offers hornbeats and is water-resistant. Great instructions make installation easy, even for beginners. Comes pre-wired with a Tamiya battery connector, Associated motor connector, and a universal plug system that adapts to Futaba, Airtronics, Aristo, JR and Kyosho radios. NOV1630, \$145.00



NOVAK Mini Receiver

At a mere .45 ounce, Novak's mini receiver saves weight over your stock receiver. Its small size—1 1/4" x 1 1/4" x 1/2"—makes it easy to mount. Because of its light weight, you can mount this on the rear shock tower with very little effect on your car's vertical center of gravity. Available on 27 MHz AM and 75 MHz AM for Airtronics, Futaba, KO and Kyosho radios. NOV3017 through NOV3175, \$60.00



TEKIN Pro Mini Receiver

Tekin's ultra lightweight (half-ounce) mini receiver—1 1/2" x 1 1/4" x 3/16"—features a short antenna for easy installation and is available on 75 MHz AM only. For Futaba J and Airtronics connectors. TEKTR75, \$80.00

	Proportional Forward	Adjustable Brakes	Proportional Reverse	Single Speed Reverse	Adjustable Current Limiter
Novak M9c	✓	✓			✓
Tekin 411	✓	✓			✓
Novak M1c	✓	✓			✓
Tekin 700	✓	✓			✓
Novak T-4	✓	✓			
Novak 1820	✓	✓	✓		

W.S. DEANS CONNECTORS Base-Loaded Antenna

Your hot RC10 works like a champ. But that long antenna wire wrapping around everywhere gets in the way and messes up your racer's track looks. Deans' base-loaded antenna allows you to cut off your stock antenna, solder on a plug and then plug in the Deans' antenna—all that extra wire is eliminated. The kit includes mount base, antenna, plug and heat-shrink tubing. WSD4755, \$7.95





DAN'S RC STUFF Spray Cleaner

Dan's motor spray cleaner works great for cleaning dirt, grease and grime from plastic and metal parts. And unlike most spray cleaners, Dan's formula won't harm your RC10's plastic parts. The 16-ounce can comes with an adjustable nozzle.
DAN10010, \$10.50



REYTECH Brush and Comm Drops

RevTech's brush and comm drops enhance your motor's performance. These drops help restore tired motors and increase your brush and commutator life. Packaged in a needle-point 1/2-ounce applicator, the drops are easy to apply, even in tight spots. RET48015, \$5.00



REYTECH MHX Brushes

RevTech's MHX compound racing brushes are specially formulated and contain a high degree of lubricant to reduce commutator friction, giving you increased performance. Brushes come two per package. RET4270 (full), \$5.50; RET34211 (small), \$4.00; RET4272 (juni), \$4.25; RET4273 (juni), \$4.50



BUD'S RACING PRODUCTS Motor Dyno

Want to know if that motor is putting out its original top-level performance before your A-Main run? Bud's motor dyno gives relative rpm and current draw reading under three different loads. By recording the performance level of a motor when it's new, and then rechecking it before a big race, you'll know if your motor is a winner or if it's gone bad and it's time for a rebuild. (Motor/runner, motor and 4-cell battery pack; not included) BUDDY25, \$69.95

BOCA BEARINGS Ultra-Seal Bearings

Boca's Ultra-Seal stainless steel 16-piece bearing set features a unique labyrinth design, Teflon seal that prevents dirt from contaminating the bearing. This increases your speed, because your bearings don't "hang up" and cause more rolling resistance. BOC0510, \$99.95



W.S. DEANS CONNECTORS Power Plug Connector

For competition racing, Deans offers a power plug connector. This plug offers low resistance, so you get greater speed, and less chance of loosening up, which causes poor performance. Each package contains one male and one female connector with heat-shrink tubing. You'll need to solder the connector to the battery and motor leads in your RC10. WSD48R, \$1.85/package



TRINITY Double Shunt Hard Brushes

Trinity's hard compound, double shunt brushes are designed to give maximum current flow—which means max acceleration for your RC10. TR1408, \$3.00/pair





ANDY'S RIC PRODUCTS Wide Front Arms

Give your RC10 added stability and increased suspension travel with Andy's wide front A-arms. The lightweight, flow-through design prevents dirt from clogging in the arm. Requires long tie-rods and turnbuckles. AND140 (black), AND140I (white), \$11.95/pair



ASSOCIATED ELECTRICS Silicon Shock Oil

Perfect for your RC10's oil-filled shocks, Associated's silicon shock oils allow you to make shock dampening adjustments by varying the oil viscosity. Available in 10, 20, 30, 40 and 60 weights, Associated's silicon oils provide added internal shock lubrication for smooth shock action. Associated oils are available at your hobby dealer for \$3.50 each.

ASSOCIATED ELECTRICS ▶ Center Steering Blocks and Axles

Looking for the quicker steering response and more turn-in? Associated's center steering blocks and stub axles place the kingpins on the center axis of the front axles, giving quicker steering geometry. Axles and blocks are sold separately, but must be used together. (These items are included in the RC10 graphite and RC10 cheap-car kits) ASC6217 (steering blocks), \$2.00/pair, ASC6218 (axles), \$5.00/pair



ALLEC & LANE Ball Bearing Steering Bell Cranks

A&L's rack steering system gives a more precise, stop-floor steering setup and reduces bump steer. The kit includes fluorescent yellow nylon bell cranks, ball crank pivots, rack and hardware. Four 1/4" x 1/4" flanged bearings are required, but not included. (Kinoshock Products' steering servo armset, page 24, is recommended to prevent servo gear) from stripping.) A&L1080, \$13.95



TEAM PIT STOP Lightning Kit

Having a hard time getting your RC10 down to the 3 lb., 4 oz. minimum weight limit? Team Pit Stop's lightning system may be just the ticket for you. The kit includes 64 straight aluminum screws, 15 aluminum nuts and 14 aluminum washers to replace the stock steel versions. You save nearly 3 ounces over stock! TPS000, \$32.99



FUSION SPEED Graphite Tub Chassis

Steer over 3 ounces from your stock RC10 with Fusion Speed's 100% graphite tub-chassis. The 100% graphite tub design gives tremendous rigidity, eliminating unwanted chassis flex for more precise suspension tuning. Guaranteed unbreakable, this lightweight tub has stock mounting holes so you can easily convert your stock RC10 components, as well as most after-market items. FUS1000, \$69.95



TECHNOCRAFT Titanium Turnbuckles

Technocraft's RC10 turnbuckle set includes 6 titanium turnbuckles for the steering in-rod and upper front and rear suspension links. Turnbuckles feature an insertion hole that allows for easy adjustment of suspension geometry. These are precision-machined of super-lightweight titanium. Technocraft's lifetime guarantee ensures these will be the last set of turnbuckles you'll ever have to buy. Available in three versions: TEC1006 (for old-style front end), TEC1006G (for RC10 graphite), TEC1006W (for Andy's front arms), \$29.95/package of 6.

HANDLE BETTER



ALLEC & LAKE Long Front Shock Tower

By using A&L's long front shock tower and Associated's rear 1.02" shocks, a longer front suspension travel can be achieved. This is especially advantageous on rough, bumpy tracks. AAL2009, \$7.75



ASSOCIATED ELECTRICS Wide Front A-Arms

Give your RC10 improved stability and steering response with Associated's wide front A-arms. These white nylon arms feature two lower shock-mount positions for suspension tuning. You'll need to use longer tie-rods and upper suspension links with these A-arms. (Wider front A-arms are included with the RC10 graphic and RC10 clamp kit) ASC6206, \$6.00/pair

ASSOCIATED ELECTRICS Adjustable Tie-Rod Turnbuckles

Make corner and toe-in changes easier with this set of 7 turnbuckle rods and 14 ball caps. By using turnbuckles, it's no longer necessary to pop the ball caps off and on each time you want to make a suspension adjustment. This reduces the chances of your caps loosening and falling off during a race. ASC6258, \$36.00



TOTAL RACING CONNECTION Half Joint Kit

Reduce your RC10's weight with TRC's lightweight aluminum half joint and locknut set. Kit includes 10 half joints and 6 aluminum locknuts to replace the stock steel versions. TRC1214, \$13.95; TRC1265 (10 half joints only), \$10.00



ASSOCIATED ELECTRICS 1.5" Rear Hub Carriers

Associated's 1.5" hub carriers allow you 2 rear toe-in settings for your RC10. Combined with the 1.5" toe-in already built in your stock arms and mounts, you can achieve 7° rear toe-in by placing these hub carriers (one stamped *A* on the right and *L* on the left) in the appropriate place. This gives your RC10's rear-end more bite in the turns. By reversing the hub carrier (if on the left, *L* on the right, 0° toe-in is achieved, giving less rear-end traction. (Rear hub carriers are included in the RC10 graphic and RC10 clamp kit) ASC6266, \$4.50



ASSOCIATED ELECTRICS Shock Rebuild Kit

Worn, rough, leaky shocks are one of the worst enemies of your RC10's good handling. Associated's shock rebuild kit includes the components you need to rebuild the lower ends of two shocks: 4 O-rings, 2 spacers, 4 circle clips, 4 washers, 2 seals and 6-clips. ASC6607, \$2.00



ASSOCIATED ELECTRICS Black Motor Plate

Drum up your RC10 with Associated's motor plate. This is a duplicate of the plate from your stock RC10, but this one is black anodized. ASC6604, \$6.00



ASSOCIATED ELECTRICS Black Carriers

Associated's black carriers are available in 5°, 10°, 15°, 20° and 25° versions to adjust your RC10's caster. More caster (higher numbers) generally gives more turn-in, the steering characteristic going into corners. ASC6210 (5°), ASC6212 (10°), ASC6213 (15°), ASC6214 (20°), ASC6215 (25°). \$1.50/package of 2



COMPOSITE CRAFT Graphite Motor Mount

Save a full 40 ounces over stock with Composite Craft's graphite motor mount plate. Works with stock transaxles, as well as with transaxles from A&L, Moore's Used Products and Team Pit Stop. COM10030, \$4.50



TECHACRAFT In-Line Front Axles

Techcraft's in-line front axles are designed to be used with Associated's center steering block. Axles are precision-machined from an aerospace alloy that's half the weight of steel and super-strong. To retain the front wheels, you'll need 1/2" nuts. TEC1020, \$43.95



RPM 1-Piece Front Suspension Mount

RPM's injection-molded, 1-piece front suspension mount is designed to replace the stock 2-piece unit. It is lighter weight, and since it's one molded piece, it ensures front suspension alignment. RPM7020, \$8.99

TECH TIP

Suspension

by Cliff Lee,
Associated Electronics

In 1/10 off-road racing, your RC10 suspension takes the bulk not only to driving skills. Besides a lot of practice, that means the easiest way to improve your results is to improve your suspension. Many beginning racers do not understand suspension theory well enough to make the necessary changes to their car. One of the best books to read for in-depth suspension and chassis tuning is called *Race To Win* by Carroll Smith.

Rather than talking about why I made the following changes to my RC10, I'll just cover the actual settings. These settings are exactly how my RC10 left the track after winning the 1993 KOAR Off-Road Nationals in Livermore, California.

Front Suspension

Shocks: Associated long fronts that

come with your RC10

Oil: Associated silicone, 20 or 30

weight (ASC3415, ASC3414)

Spring: Associated green, short

(ASC6494)

Mounting Position: Highest hole in shock tower and outermost hole in suspension arm

Ride Height: Chassis should sit 1/4"

down from full extended height

Caster: 20° or 25°—25° gives more steering into a corner but less coming out, and it also gives the car a more stable feeling

Steering Block: Associated (center) in-line type, (ASC6218, ASC6217)

Shock Adjustments: Adjust turnbuckles for 0° toe-in and 1° of negative cam-

ber on each side (negative means the top of the wheel leans toward the inside of the car)

Rear Suspension

Shocks: Associated long rear that

come with your RC10

Oil: Associated silicone, 20 or 30

weight

Spring: Associated silver or green, long (ASC6476, ASC6480)—green

tends to have more rear traction

while the silver has slightly less

Mounting Position: Innermost hole in shock tower and outermost hole in suspension arm

Ride Height: Rear suspension arms should be perfectly level when looking at the car from the rear (this applies to car in race-ready trim, with motor and battery installed)

Toe-In: Use the 1/4" rear hub corners (ASC6366)

Shock Adjustments: Adjust turnbuckles for 0° to 2° of negative camber—0° has more rear traction but 0° to 2° will allow the car to turn easier

Performance Tips

When your front or rear arm mounts become loose, replace them. The hinge pin should fit tight in the mount and loose in the arm pivots.

Don't use anything but the stock ball caps for the linkage. Other ball joints restrict tire movement. If a ball cap pops off, replace it immediately. They only come off when you hit something, so don't hit anything.

All of these adjustments work well for my driving style. They may not work for everyone, but should prove to be a good starting point. Good luck!

COMPOSITE CRAFT Pro Graphite Chassis

This graphite chassis from Composite Craft is nearly 20% ounces lighter than the stock version. It retains all the stock mounting hole positions, so stock and after-market components will connect to this chassis. COM10038, \$33.95





ANDY'S RC PRODUCTS Pro Race Graphite Chassis Kit

Andy's RC Products built its reputation by manufacturing innovative after-market products for racers. Andy's now has a chassis kit available for serious racers. The kit includes all the Andy's parts described individually on these two pages. In addition, you'll need to supply a transmission (stock or after-market), shocks, wheels and tires, bearings, hinge pins, all screws, rear axles and dogbones and electronics from your RC10. AND0470, \$159.95



ANDY'S RC PRODUCTS Ball-Bearing Rack Steering System

This ball-bearing rack steering system reduces bump-steer and is very precise. The kit includes rack, ball crank, ball bearings, pin shield, pivot and hardware. Fits all RC10s, but you must drill 3 holes (drilling template included). AND0467, \$29.95



ANDY'S RC PRODUCTS Pro Race Front Suspension

Andy's unique Pro Race front suspension locates the lower arms' hinge pins 3/4" closer to the center of the chassis. Then, by using arms that are .400" longer than Andy's standard long arms, a longer front suspension stroke is achieved. This is especially advantageous on rough tracks. Although the items are sold separately, you need to use them all together for this

suspension system. These items fit directly onto Andy's Pro Race Chassis Kit (AND0470); with other chassis, drilling and cutting are required.

- Front Bulkhead, AND0458, \$3.95
- Front Arms, AND0456, \$11.95
- Front Shock Tower, AND0464, \$12.95
- Front Caster Block, AND0451, \$5.25
- Front Spindle Block, AND0452, \$4.25
- Front Axles, AND0453, \$4.25



ANDY'S RC PRODUCTS Pro Race A-Arm Rear Suspension

To set up this Pro Race rear suspension, you'll need to purchase the individual parts and put them on your RC10. All parts bolt directly to your RC10. Rear Bulkhead with 5 Upper Suspension Link Mounts, AND0466, \$11.95

- Lightweight A-Arm with 3 Shock-Mount Positions and Flow-Through Design, AND0402, \$11.95
- Rear Suspension Mixer, AND0466, \$4.50
- Low-Profile Rear Hub Block, AND0465, \$4.99
- Rear Graphite Shock Tower with 2 Shock-Mount Positions, AND0465, \$12.95

ANDY'S RC PRODUCTS Battery Box

Andy's injection-molded battery box features two-position mounting. The forward position gives more room for stick battery packs with endcaps. The rear position is used when side-by-side battery packs are used. Fits all RC10s. AND0461, \$6.95





ANDY'S RC PRODUCTS Pro Race Trailing Arm Rear Suspension

Under certain track conditions—loose, smooth and flat), a trailing rear arm suspension works best. Andy's Pro Race rear trailing arm suspension includes 2 trailing arms, mounting blocks that give 1", 2" or 3" of rear toe-in, large pins and hardware. You'll need to supply the required rear shock towers, purchased separately. (Designed to fit only Andy's molded graphite chassis) AND0461 (suspension), \$24.95; AND0462 (shock tower), \$12.95



AND0462



ASSOCIATED ELECTRICS Suspension Springs

By changing the spring rate of your RC10's suspension, you can drastically alter your car's handling. Generally, a lighter spring (smaller diameter wire) gives more traction on that end of the car. Associated offers both front and rear springs in four rates (green, .041"; silver, .042"; black, .043"; and gold, .043") to fine-tune your RC10's handling. ASC0478 through ASC0497, \$1.00



TRINITY Top Shock Seals

Having trouble with oil leaking from your shock? Prevent leakage with Trinity's shock seal. Install over threads just prior to screwing on the shock cap. Seals come 6 per package. TR0758, \$1.75



ANDY'S RC PRODUCTS Molded Graphite Chassis

Andy's has developed a new process of combining long-stacked graphite fibers with nylon to produce a rigid, lightweight molded chassis. Side rails are molded into the chassis for increased rigidity. The battery area is recessed 1/4" to lower the center of gravity. Two versions are available: the Pro Race chassis (AND0460) fits the Pro Race front balljoint and suspension and Andy's rack steering system; the second version is a chassis with standard RC10 drilling (AND0460) with the option for Andy's trailing arms and rack steering system. \$29.95 each



PARMA Adjustable Front/Rear Anti-Roll Bars

Anti-roll bars are used on full-scale race cars to control the chassis roll in corners. By adjusting the roll bar stiffness, a car's front or rear cornering grip can be adjusted, creating understeer or oversteer. Parma offers an anti-roll bar kit similar to full-scale versions. It's adjustable and bolts directly to the front or rear of your RC10. PAR10225, \$15.00



CUSTOM RACING PRODUCTS Shock Pressure Gaskets

As your shock is compressed, the shock rod entering the shock body takes up additional area within the shock. This displacement must be compensated for in some way. On your stock RC10 shock, you must leave enough air in the shocks to give the displaced oil a place to go (room enough for both the oil and the rod inside the shock). In stock shocks, air and oil come into contact with each other, causing inconsistent damping. These shock pressure gaskets from CRP separate the oil from the air, creating a compressible air chamber at the top of the shock. This prevents the oil and air from mixing and gives smooth, consistent damping. CRP9013, \$1.99/package of 4



RPM Bell Crank Set

RPM's injection-molded bell crank set gives a more precise steering linkage setup. Bell cranks pivot on nylon bushings (included) for a precision, low-drag setup. Bolts directly to your RC10, (Mastercraft Products' *Inter Axles*, page 24, is recommended to prevent you from stripping gears) RPM0002, \$12.95



HOUGE ENTERPRISES Steering Bell Cranks with Ball Bearings

Houge's injection-molded bell crank system retains the stock steering geometry, but is much more precise, positive and slip-free than the stock version. The kit includes 4/16" x 1/4" ball bearings, bell cranks, pins and nuts. HGE145, \$26.95



JAMMIN' JAY HALSEY Long Front and Rear Shock Towers

By increasing the length of your front and rear shock towers, more suspension travel is available, allowing the chassis to bottom out before the shocks. This is especially important on rough tracks. Jammin' Jay's rear shock tower has 3 adjustable positions for rear suspension tuning. Since the rear tower is longer, it allows you to use a shorter down-travel linkage inside your rear shocks, which in turn allows a longer stroke. The long front shock tower requires 1.02" stroke Associated shocks (AS08447, \$25.00). This gives increased front suspension travel. Jay recommends silver springs on the rear with 30 weight oil, JAMS21 (front), \$6.50; JAMS22 (rear), \$7.00



TRINITY
Rear semi-dish wheels, 2.1"
TR1744, \$6.99/pair
Front aero-dish wheels, 1.7"
TR1720, \$6.99/pair



MEX
Front aero-dish wheels, pink, 2.1"
MEX555, \$4.50/pair
Rear aero-dish wheels, pink, 2.0"
MEX556, \$6.00/pair



RC PERFORMANCE SPECIALTIES Titanium Suspension Hinge Pins

RCP's titanium suspension hinge pins offer several advantages over the stock steel pins. They're lighter weight and stronger, so they won't bend or break. And because they're corrosion-resistant, they won't rust and cause the suspension to bind. These hinge pins are also .0002" oversized for a more precise fit (may require reaming). These can be used with stock E-clips or with heavy-duty circle clips. RCP610, \$21.00/package of 10



PRO LINE

Rear dyable wheels with holes, 2.0"
PRO2510, \$5.95/pair
Front dyable wheels with holes, 2.1"
PRO2523, \$5.95/pair



ASSOCIATED ELECTRICS

Rear TQ aero-dish wheels, chrome, 2.0"
ASC6833, \$1.20/pair
Front TQ aero-dish wheels, chrome, 2.1"
ASC6835, \$6.00/pair



TEAM LOSI X-Pattern Rear Tires

Team Losi's X-pattern rear tire is one of the most popular with racers. Special HLT natural rubber compound, cushioned sidewall grooves and a square-spiked, 4-row design with center X-pattern give tremendous forward and side bite. These tires have proven to work well in nearly every off-road condition. TMLA7521, \$30.00/pair



ASSOCIATED ELECTRICS TQ-20 Cut-Dress Spikes

Available in hard, medium and soft compounds, these TQ-20 rear tires from Associated feature a staggered knob-on-block design. ASC68205 (soft), ASC68206 (medium), ASC68208 (hard), \$10.00/pair



PRO LINE RED Short Knobby Rear Tires

Pro-Line's natural rubber compound race-engineered-design (RED) tires feature 5 rows of staggered short knobs. Some racers have found this tire works best on soft tracks with very little loose dirt on top. PRO0030, \$14.95/pair

TRINITY Buggy Spikes

Designed to fit Trinity's 2.2" rear wheel (TR17414), these large-diameter spiked tires are available in soft and hard compound. TR17421 (soft), TR17422 (hard), \$9.99/pair



TOTAL RACING CONNECTION Foam Tires and Wheels

Looking for a tire to run your RC10 on concrete or asphalt? TRC's foam tires and wheels bolt directly to your car without adaptors. These long-wearing foam tires work great on carpet tracks, asphalt, concrete and even hard-packed dirt. Available in blue compound (less traction) and green compound (more traction), the tires come mounted and glued on wheels, so you're ready to race. TRC730 (front, blue), \$14.00/pair; TRC730 (front, green), \$14.00/pair; TRC830 (rear, blue), \$15.00/pair; TRC830 (rear, green), \$15.00/pair



HANDLE BETTER



PRO LINE RED Flat Knobby Tires

This race-engineered design (RED) natural rubber tire has a flat knobby design and radial edges. Many racers have found this rear tire works well on hard-packed tracks. PRO0010, \$14.95/pair



ASSOCIATED ELECTRICS TQ-31 Small Knob Spikes

These rear tires feature small knobby spikes and are available in three different compounds. ASC68215 (soft), ASC6821M (medium), ASC6821H (hard), \$10.00/pair



Rick Hubert's RC10



TEAM LOSI 4-Row Spiked Rear Tires

Team Losi's 4-row spiked rear tires come in H.T. natural rubber compound. These are very popular high-bite rear racing tires. TMLA7351, \$10.00/pair



PRO LINE 2.0\"/>

Perfect for on-road running, Pro Line's Cherokee tire features a long-wearing cross-cross tread. Pro 2.0\"/>



MEX Olympic Tread Rear

Designed for on-road or hard-packed dirt, Mex's Olympic block tread allows you to run your RC10 on the road. MEX7993, \$12.00/pair



TEAM LOSI 4-Row Saggerd Spiked Rear Tires

Losi's 4-row saggerd spiked rear tires have natural H.T. rubber compound. Most racers use these when a little less bite is needed than that of TMLA7351. Standard compound is also available. TMLA7360 (H.T.), TMLA7350 (standard), \$10.00/pair



TRINITY Front Cut Spikes

These front cut spikes fit Trinity's 2.2\"/>

HANDLE BETTER



ASSOCIATED ELECTRICS TQ-70 Cut-Down Spiked Front Tires

Available in hard, medium and soft compounds, these aggressive-bite 2.1" fronts feature a staggered knob-on-block design. ASC6870S (soft), ASC6870M (medium), ASC6870H (hard), \$10.00/pair



IMEX Front Olympic Tread

Designed for on-road or hard-packed dirt, Imex's 2.1" Olympic block tread allows you to run your RC10 on the road. IMX1592, \$11.00/pair

PRO LINE Pro-15 RED Ribbed Fronts

Racers have found that under most conditions, a multi-ribbed front tire gives consistent traction. Pro Line's 2.1" front ribbed tires are race-engineered-designed and feature a natural rubber compound. PRO7015, \$11.95/pair



TRINITY Front Mini Spikes

Designed to fit Trinity's 2.1" front wheels, these large diameter mini-spike tires were made for rough tracks. Available in soft and hard compounds. TRT7425 (soft), TRT7426 (hard), \$9.95/pair



TEAM LOSI Front Ribbed Tires

One of the most popular front race tires is Losi's ribbed front, because it gives consistently high-bite traction under nearly every track condition. Available in standard or H.T. natural rubber compounds, this is a must-have tire for your race box. TMLA7200 (standard), TMLA7201 (H.T.), \$9.00/pair



TEAM LOSI Staggered Ribbed Fronts

Losi's staggered ribbed front tires are available in regular and H.T. natural rubber compounds. TMLA7210 (standard), TMLA7211 (H.T.—Suggy), \$9.00/pair



ASSOCIATED ELECTRICS TQ-71 3-Ribbed Front Tires

Available in hard, medium and soft compounds, Associated's TQ-71 front tires give medium- to high-bite on most tracks. ASC6871S (soft), ASC6871M (medium), ASC6871H (hard), \$10.00/pair



TEAM LOSI 6-Row Front Spikes

Losi's aggressive-bite, 6-row spiked front tires are available either in H.T. or natural rubber compound. TMLA7221, \$9.00/pair

LOOK COOLER



RC PERFORMANCE SPECIALTIES Turbo Mirage Body

Designed specifically for the RC10, the Turbo Mirage features improved aerodynamics and is available in clear or painted. Cliff Lett used the Turbo Mirage body when he won the 1990 IGAR Nationals. RCP110 (clear), \$16.00; RCP110P (painted), \$29.95



ANDY'S RC PRODUCTS Heathen Body

Designed specifically to fit the TQ60RC10 graphite chassis, Andy's RC Products custom-paints the Heathen body. This beautiful body comes complete with matching wing. Also available in clear if you prefer to do your own painting. AND0022 (clear), \$18.00; AND0022P (painted), 29.95; AND0022PP (painted fluorescent), \$29.95



ANDY'S RC PRODUCTS Renegade Body

One of Andy's most popular RC10 bodies is the Renegade. This single-seat off-road buggy body is available in clear or painted. AND0020 (clear) \$18.00; AND0020P (painted), \$29.95; AND0020PP (painted fluorescent), \$29.95



SEES Custom Spoked Wheels

These low-profile directional spoked wheels make your RC10 look like the big boys—awesome! Machined from a single block of aluminum, these wheels are lightweight but strong. SEE110S (2.1" front), SEE111S (2.0" rear), \$24.95/pair



JAMMIN' JAY HALSEY Airflow Wing and Cam Locks

Jay's airflow double-slender wing provides good downforce and low drag. The cam lock wing-mounting system features quarter-turn locks that allow you to adjust the fore/aft position of your wing with just a twist. Also works with other wings. JAM020 (wing), \$1.00; JAM025 (cam lock), \$2.75



BUD'S RACING PRODUCTS Wings and Accessories

Bud's wings have been used by more racers than any other. Bud's clear Lexan wings are available in several versions. The mild hi-level (BUD0259, \$9.95) provides the least amount of downforce and drag. The single-level rear wing (BUD0255, \$5.00) gives medium downforce and drag, while the hi-level super wing (BUD0237, \$10.95) yields the most downforce. Also available are Bud's pre-bent wing wires (BUD0247, \$3.75), which make it easy to mount your wing.



SEES Wheels with Holes

Realistic-looking holes on these low-profile aluminum wheels make your racer even more real. SEE1010 (2.1" front), SEE1110 (2.0" rear), \$34.95/pair

LOOK COOLER



RADIO CONTROL RACE CENTER Gardinger Body

With its futuristic air shape, RCRC's Gardinger single-scater is available in clear or painted and includes a matching wing. RCGR010 (clear), \$18.00; RCGR011 (painted), \$33.95



PRO-LINE Magnum Racing Buggy Body

Pro-Line's single-seat Magnum body gives your RC10 a slick, high-tech look. Available in clear Lexan. PRO3035, \$14.95



JAMMIN' JAY HALSEY Jumper Buggy Body

Jammin' Jay's single-seat Jumper buggy body was designed specifically for RC10 racing by World Champion Jay Halsey. JAND01, \$17.00



TWISTER MOTORS Interceptor Body

Give your RC10 a newly look with Twister's Interceptor body. TAWD1000, \$18.95



PRO-LINE Butterfly Body

Pro-Line's clear Lexan single-scater body, the Butterfly, is designed specifically to fit your RC10. PRO3040, \$26.95



J.G. MANUFACTURING '90 Off-Road Funco Body

Give your RC10 a new look with J.G.'s new single-scater Funco body. Available in clear or painted. JGM4022 (clear), \$17.95; JGM4023 (painted), \$29.95



1989 2nd World Championships

(From left)
1st: Masami Hirooka
2nd: Jay Halsey
3rd: Cliff Lett



KIMBROUGH PRODUCTS Servo Saver

This servo saver from Kimbrough has a positive mount, which means that even after a bump, your steering servo is more likely to return to its original position and keep your RC30 on track. You'll get more precise positive steering, especially over bumps and jumps. Must be used with after-market steering bell cranks. KIM113 (Atronics servo), KIM114 (Panaba servo), \$3.00 each



RPM Molded Battery Box

RPM's precision-molded battery box is wider than stock, which allows for better battery fit, especially when using side-by-side cells. Comes with all hardware. (90-degree shifting of chassis) RPM1050, \$5.99



TRINITY Extra-Wide Front Bumper

Give your RC30's front end mega-protection with Trinity's extra-wide front bumper. The bumper is a full 10 1/2" wide and made of Kydex. TR1028, \$7.49



ANDY'S R/C PRODUCTS Front Bumper and Body Mount

Protect the front end of your RC10 and extend your body mount post for better body support with Andy's molded oval front body mount. ANDM12 (black), \$6.95



PURE-TECH RACING PRODUCTS Fluorescent Battery Strap

Designed to replace your RC10's battery box, Pure-Tech's fluorescent strap with molded mounts fits into a Velcro closure that makes battery installation quick and easy. The strap securely holds the pack in place. Available in fluorescent pink and fluorescent green. PUR10P (pink), PUR10G (green), \$5.99 each



J.G. MANUFACTURING Receiver Mount

J.G. offers its Kydex receiver mount, which mounts to your lower rear shock tower. It provides a platform to mount your receiver or speed controller. JGM23, \$4.95



CUSTOM RACING PRODUCTS Rear Wing

CRP's Kydex rear wing protects your rear wheels and axles. The wing bolts to the bottom of your RC30 with included hardware. CRP3011, \$4.99



PARMA Heavy-Duty Rod End and Tie-Rod Kit

Tired of having your ball cups pop off, leaving you with another DUFF Parma's heavy-duty rod ends replace the stock balls and cups for a more reliable link setup. The kit includes 14 ball ends, 7 threaded rods and all installation hardware to replace your steering tie-rods, upper suspension links (front and rear) and servo cover link. PART2828, \$22.50



CUSTOM RACING PRODUCTS Front and Rear Bumpers

CRP's molded, dyedox front and rear bumpers bolt directly to your RC30 for increased protection. CRP3030 (front), \$3.99, CRP3032 (rear), \$6.99

GET TOUGHER



CUSTOM RACING PRODUCTS Aluminum Receiver Mount

CRP's aluminum receiver mount bolts to your shock tower and provides a place to mount your receiver or speed controller. CRP5009, \$4.99



ANDY'S RC PRODUCTS Short Front Bumper

Andy's molded, short front bumper gives your protection without adding a lot of weight. Available in black or white. AND3413 (white), AND3414 (black), \$4.99 each



J.G. MANUFACTURING Kydex Bumpers

J.G. offers three styles of Kydex front bumpers for your RC10. The black skid bumper (JGMA02B, \$3.99) is small and lightweight, perfect for racing buggies. A wider version (JGMA03B, \$6.99), also in black, offers even more protection. Finally, there's an oval version with body mount holes (JGMA05B, \$6.99).



ALLEC & LANE Rear Bumper

To be used with a flat graphic chassis, A&L's rear bumper protects your motor and battery from rear-end hits. A&L3011, \$7.99



J.G. MANUFACTURING Rear Bumper and Motor Guard

This rear bumper made from Kydex prevents rear-end damage and bolts directly to your RC10. JGMA34, \$5.99



KIMBROUGH PRODUCTS 48-Pitch Spur Gears

Available in 72, 75, 78, 81, 84, 87, 90, 93 and 96 tooth sizes, Kimbrough's 48-pitch spur gears are very popular with top racers. These precision-molded gears have the tooth number stamped on the side of each gear for easy identification. All sizes available with or without diff balls. KIM141 through KIM149, \$3.00 each; KIM151 through KIM159 (with diff balls), \$4.00 each



JAMMIN' JAY HALSEY Diff Rebuild Kit

Jay's diff kit includes 2 precision thrust bearings, 4 hardened washers, 3 beveled washers and a nut and washer. This kit improves the diff action. JAM109, \$5.00



ROBINSON RACING PRODUCTS Titanium Gold 48-Pitch Pinions

Robinson Racing offers titanium nitride-coated pinions in 12 tooth through 20 tooth sizes. This coating is tougher than steel and reduces friction. Must be used with 48-pitch gears. RRP1113 through RRP1230, \$4.95 each



ASSOCIATED ELECTRICS 48-Pitch Machined Pinion Gears

Associated's precision-machined pinions are available in 13 tooth through 27 tooth sizes. Must be used with 48-pitch gears. ASC6074 through ASC6986, \$3.00 each



RACE PREP Heavy-Duty Dogbones

Having trouble with dogbones bending and breaking? Race Prep's heavy-duty dogbones are much stronger than stock. RALC01, \$10.00/pair



ROBINSON RACING PRODUCTS 48-Pitch Gear Package

Robinson Racing has an entire gear set that is designed for your RC10. Set includes 13 pinions, 12 tooth through 26 tooth, and spurs in 81 tooth, 83 tooth and 93 tooth sizes. Set also includes "Tractor" rear toe-in adjuster. RRPPG01, \$75.60



TECHACRAFT Titanium Rear Drive Axles

Having trouble with your rear axles bending or breaking? Technacraft's super-strong, lightweight axles are much stronger than stock. Set includes 2 axles and 2 roll pins. TECH010, \$29.95



J.G. MANUFACTURING Gearcase Cover

J.G.'s oversized gear cover easily fits over even the largest spurs and features an access cap that allows you to adjust your diff without removing the cover. Comes pre-drilled for easy mounting. JGM408, \$3.00



TEAM PIT STOP Chain Drive Tranny and Slipper

This chain drive tranny features four adjustable axle ratios (1.87, 2.0, 2.14, 2.28) for all types of tracks. This low-mass chain drive tranny has a lower adjustable ball diff with Teflon-sealed bearings.

TPS's slipper clutch bolts directly to the upper shaft and allows you to adjust slip into your drive system, so you get smooth, consistent acceleration out of corners, preventing spin-out and over-controlling. TP90000 (tranny), \$124.99; TP90015 (slipper), \$34.99; TP90030 (tranny w/ slipper clutch), \$129.99



MOORE'S IDEAL PRODUCTS Custom Tranny with Ball Raced Diff

MIP's SP1HD tranny features a ball race adjustable differential. Hardened diff hubs are ground so more contact surface (ball to hub) is achieved. This gives a smooth diff action that requires fewer rebuilds. Diff is adjustable for track conditions, allowing smooth, controlled acceleration out of the corners. Gives a 2.0:1 ratio. MIPSP1HD, \$139.00



ROBINSON RACING PRODUCTS Titanium Gold Diff Rings

For a super-smooth diff, Robinson Racing offers these diff rings with a titanium nitride coating. This coating lasts longer than steel and has a very fine surface finish, which contributes to a silky-smooth differential. RRFD100, \$4.50



TRACK MASTER Long Diff Shaft

Diff shaft too short to get your locknut on and have it look? Track Master's long diff shaft has a 1/4" longer threaded end and that allows more latitude for adjusting your diff. TRM4115, \$12.95



MOORE'S IDEAL PRODUCTS Slipper Clutch

Designed to fit all MIP gearboxes, this low-end torque-control slipper clutch allows you to adjust the amount of slip in your tranny to prevent wheel spin. Mounts on the upper shaft and is easily adjusted. Includes inner and outer hubs, slipper plates, tension spring and adjusting screw. MIPSL100, \$19.95

GET TOUGHER



T & A MACHINING Titanium Dogbones

T&A offers these super-strong, light-weight titanium dogbones for your RC10. Titanium is more resistant to breakage and bending than the stock steel dogbones. T&A #9, \$12.95



THORP RC10 Gear Set

Reduce the friction in your stock gearbox with Thorp's 48-pitch internal gear set. Kit includes 2 upper shaft gears, 2 Delrin idler gears and 2 maindrive gears. Fits directly into your stock gearbox with no modification. TH04750, \$35.00



ROBINSON RACING PRODUCTS Machined Spur Gears

Individually machined of Delrin, these precision spurs are low-friction and offer a high degree of concentricity. Available in 72, 75, 78, 81, 85, 87, 90 and 93 tooth sizes. RR27072 through RR27093, 99.95 each



JAMMIN' JAY HALSEY DIFF KIT

World Champions Jay and Jim Halsey are noted as the top trophy builders in the United States. When it comes to low-friction transmits with silky-smooth diffs, these guys know all the tricks. Now this World Champion diff technology is available to you with Jammin' Jay's diff kit. The kit includes inner and outer hubs that lock into diff rings so they don't spin, 2 thrust bearings and washers, ball bearings for the inside of your spur gear, plus hardware and instructions for a race-winning diff. JAM005, \$34.95



ROBINSON RACING PRODUCTS Gearbox Cover

Keep dirt out of your upper bearings with RRP's precision-machined aluminum gearbox cover. Cover snaps right onto stock gearbox. RRP0007, \$2.00



SCALE RACING SPORTS Long-Handled Pinion Wrench

This long-handled pinion wrench makes changing your pinion easy. The hardened-tipped, 105° wrench features replaceable tips. SRS00100, \$8.99



ASSOCIATED ELECTRICS Universal Joint Stub Axles

Reduce your RC10's drive train friction with Associated's universal joint stub axles. Fits all RC10s. ASC0571, \$30.00



CHEETAH RACING DIFF Centering Kit

Improve the smoothness of your stock differential with Cheetah's diff centering kit. Kit contains the Belleville washers, preventing it from hitting the shell and maintaining even pressure on the bearing. Kit includes centering inserts, Belleville washer and nylon nut. CR02002, \$2.00



RACE MASTER 33-Pitch Steel Idler Gears

Having trouble with your plastic idlers stripping? Race Master's machined steel idlers won't strip out! They use internal snap rings to retain the bearings. RMR001, \$14.95/package of 2

Truck Conversions



ANDY'S RC PRODUCTS RC10 Truck Conversions

Convert your RC10 into a monster truck with Andy's long Comanche or Chevy conversions. The conversion kits include molded body mounts, front and rear Andy's arms, mini bumper, front axles, rear wheel adapters and your choice of painted or clear bodies. Blackfoot-style wheels and tires are not included. AND0425 (clear Jeep), \$64.95; AND0425P (painted Jeep), \$74.95; AND0425PP (painted Bucomoco Jeep), \$74.95; AND0426 (clear Chevy), \$64.95; AND0426P (painted Chevy), \$74.95



J.G. MANUFACTURING Truck Conversion

J.G.'s total truck conversion includes everything (even J.G. wheels and tires) you need to convert your RC10 into an awesome monster truck racer. Kit includes body mounts, front axles, rear adapters, Ford F100 clear body, wheels and tires. JGMA22, \$75.95
Also available in a basic version without wheels, tires or body: JGMA17, \$35.00.



ALLEG & LANE Long Front Shock Tower

By using A&L's long front shock tower and Associated's rear 1/32" shocks, a longer front suspension travel can be achieved. This is especially advantageous on rough, bumpy tracks. A&L2009, \$7.75



J.G. MANUFACTURING Long (Track) Graphite Chassis

This graphite chassis from J.G. is 1/4" longer than stock and is perfect for monster truck conversions, where increased wheel base and stability are desired. The graphite plate design with 30° kick-up has stock mounting holes, so stock and most after-market components bolt right up. JGMA330, \$75.00

J.G. MANUFACTURING Long Front (Track) Shock Tower

Designed to give increased front suspension travel, this long front shock tower from J.G. offers 6 upper shock-mount positions and 4 upper suspension-mount positions for track tuning. You'll need to use Associated's rear shocks with this tower. JGMA32, \$9.95



PRO LINE RC10 Deluxe Truck Conversion

Pro Line's truck conversion includes everything you need to turn your RC10 into a monster stadium truck. Kit comes with clear Chevy truck body, wheel bushings, axles, wheels and body mounts. PRO4001, \$79.95



TOTAL RACING CONNECTION RRS Rear Wheel Adapters

TRC's aluminum wheel adapters allow you to mount 1/10-scale on-road RRS style rear wheels with foam tires to your RC10. This is beneficial when running on carpet, asphalt, concrete or on very hard dirt-ovals. TRC1006, \$14.00



Truck Conversions



ALLEC & LANE

Front semi-dish track wheels, 2.2"

AAL2050, \$7.90/pair

Rear semi-dish track wheels, 2.2"

AAL2053, \$7.50/pair

(Available in white, blue, green, pink or yellow)



J.G. MANUFACTURING

Front drop-dish bolt-on track wheels, 2.2"

JGM453, \$6.95/pair

Rear drop-dish bolt-on track wheel, 2.2"

JGM454, \$6.95/pair



SEES

Truck Wheels with Holes

Realistic-looking holes on these See precision-machined wheels make your RC10 track conversion even more real. SEE2000 (2.2" front), SEE1200 (2.2" rear), \$39.95/pair



PRO LINE

Speed Paw Track Tires

Pro Line's multi-staggered spiked Speed Paw fits 2.2" track size and can be used front or rear. PRO1017, \$12.95/pair



PRO LINE

Front Runner Ribbed Track Tires

Pro Line's Front Runner 2.2" ribbed front track tire features a 3-ribbed, high-traction design. PRO1054, \$10.95/pair



ANDY'S RC PRODUCTS

Chevy Off-Road Truck Body

Designed to fit RC10 track conversions, Andy's Chevy off-road truck body looks stadium tough. It's available in clear or with one of Andy's truck paint jobs.

AND301 (clear), \$18.95; AND301P

(painted), \$34.95; AND301PP (painted

fluorescent), \$34.95



SEES

Truck Wheels with Spokes

Spoked wheels made of real aluminum make your RC10 conversion look like the real thing. Sees wheels are precision CNC-machined (not cast) from a single block of aluminum. SEE2005 (2.2" front), SEE1200 (2.2" rear), \$39.95/pair



J.G. MANUFACTURING

Chevy Truck Body

Molded of tough, lightweight Lexan, this 1990 Chevy truck body gives your converted RC10 a stadium-race look. Available in clear or painted. JGM4018 (clear), \$19.95; JGM4018P (painted), \$36.00

Truck Conversions



J.G. MANUFACTURING Ford L-Series Body

This lightweight L-Series body is strong enough to take the abuse of racing and racing your monster RC10 conversion. J.G.'s Ford body is available in clear so you can personalize the finish. JGM2007, \$39.95



TEAM LOSI Monster Truck Modified

This Revolution series hand-wound, 19 turn motor is Epic-based and features wet magnets and adjustable timing. The motor comes fully broken-in. TML6104, \$80.00



BOLINK King Cab Body

Give your RC10 a completely different look with this Nissan King Cab driver racer body. Bolink molds this of durable Lexan. BOL2091, \$18.00



TEAM LOSI Rear X-Pattern/Front Radial Ribbed Track Tires

One of the hottest combinations for monster truck racing is Losi's rear 2.2" X-patterns, with 2.2" ribbed pattern tires on the front. This combination has proven to work well on nearly every track. TMLA7610 (rear X-pattern), TMLAT500 (front ribbed), \$17.95/pair



BUD'S RACING PRODUCTS Rear Track Spoiler

For better handling and improved rear downforce, check out Bud's rear track spoiler. The mounting hardware comes with this spoiler to make it easy to add style to your RC10 track. BUD5303, \$4.00



ANDY'S RC PRODUCTS Molded Graphite Chassis

Andy's has developed a new process of combining long-oriented graphite fibers with nylon to produce a rigid, light-weight molded chassis. Side rails are molded into the chassis for increased rigidity. The battery area is increased 1/4" to lower the center of gravity. The chassis is 1/4" longer than stock and has standard RC10 drilling positions. AND0481, \$29.95



Oval Conversions



ANDY'S RC PRODUCTS Short Front Oval Arms

Designed for RC10 oval racing, Andy's narrow-track A-arms give improved straightaway stability and reduce steering sensitivity. Injection-molded in white or black nylon, these arms require short steering tie-rods and upper suspension links (Troncaff's 1806 work well). AND3403, \$9.95



CUSTOM WORKS Pro-Med Lumina Body

Based on the Chevy Lumina, this sleek body is great for oval conversions. The front end and roof use the Lumina's lines, while the rest of the design gives the body down low for better aerodynamics and improved handling. CU39905, \$20.00



CUSTOM WORKS Comp Camaro Body

This full-sized dirt oval body has been a favorite with many top-level racers since it was introduced. Custom Works' comp Camaro body features low-drag aerodynamics with a good, balanced downforce. Available in clear Lexan. (Shut down not included) CU39901, \$20.00



RADIO CONTROL RACE CENTER Vortex Wedge Body

Designed for 1/10 dirt oval racing, this Lexan body features low-drag aerodynamics. Available in clear and painted versions. RCR9903 (clear), \$20.95; RCR9901 (painted), \$17.95



CUSTOM WORKS Wing/Side Dam Materials

Oval racers like to take advantage of the superior downforce and handling that side dams and wings provide. Custom Works offers Lexan sheets so you can fabricate your own wings and side dams. The runner rail is pre-bent, and there's enough Lexan to do both a full-length dam and wing. CU39902, \$4.00



UNGAR Portable 12-Volt RaceIron

Do you need to solder on the track or out in the field, but find you don't have anywhere to plug in your soldering gun? Ungar's 12-volt soldering iron hooks up to your 12-volt car battery, then heats up to 700° in one minute. With a 12-foot cord and plenty of heat, it's perfect for all your RC10 soldering needs. (Iron stand not included. UNG3012, \$54.99)



Oval Conversions



RADIO CONTROL RACE CENTER Sprint Car Conversion

Convert your RC10 to a hot sprinter with RCRC's conversion kit. The kit includes everything you need, including roll cage, chassis, body and all hardware. RCRC021, \$159.95



ANDY'S R/C PRODUCTS Gladiator Body

Designed for low-drag dirt oval racing, this Gladiator body from Andy's offers great aerodynamics. It looks ready for battle! Available in clear Lexan or with one of Andy's great-looking paint schemes. AND01185 (clear), \$18.95; AND01133P (painted), \$34.95; AND01133PP (painted fluorescent), \$34.95



McALLISTER Oval Conversion Kits

Convert your RC10 into an oval-track tractor with McAllister's oval conversion. The kit includes front suspension pieces to lower front suspension, front anti-sway bar, rear shock mount (you must supply short shocks for the rear), bumper, body mounts, clear body, side dam materials and decals. Available for aluminum-bodied RC10s or RC10 graphite cars. MCA405 (aluminum RC10), MCA406 (graphite), \$65.00 each



J/G MANUFACTURING Oval Conversion Kits

J/G's oval conversion lowers your RC10 and provides body mounts for full oval bodies. Kit includes front oval bumper, rear body mounts, front and rear lower shock mounts, front body posts, front body spacers and rear wing. Body not included. JGMA427 (RC10), \$41.95; JGMA47G (RC10 graphite), \$51.95



VICTOR ENGINEERING Hi-IQ Sc. Charger

Victor's Hi-IQ Sc. Charger has the same features as the standard version (see page 34), but also allows up to a 30 amp charge rate for cell matching and conditioning. VRC3005, \$649.00



UNGAR Super Race Station

Ungar's Super Race Station with high-capacity thermal throat tip has power enough to spare for even the most demanding jobs. Selectable temperature settings and replaceable tips in varying styles give the Super Race Station the versatility to adapt to heavy-duty jobs (like making battery packs) to delicate work (like installing servo leads). The station includes an iron holder as well as a sponge to keep your soldering tip clean. This is used by many top-level UMG005, \$129.95



CLASS RECREATIONAL PRODUCTS AC Peak Detector Charger

Class offers an AC peak charger with adjustable current output. A unique feature of this charger is a Delta Peak feedback sensitivity knob, which allows you to adjust the peak cut-off voltage drop. This means you can adjust the depth of charge before the cut-off for different types of cells. Other features include trickle bypass switch, analog current meter, full fuse-protection, voltage taps and a special circuit that allows you to break-in-run motors. CLA158, \$234.95



TEKIN Reflex Peak Detector Charger

A new concept in charging, Tekin's reflex charger generates a necessary negative pulse during charging that gives longer runs and rejuvenates old packs. This adjustable current rate peak charger also allows you to bypass the reflex function for a regular pulse charge. Other features of this DC charger are 4-minute timed charge mode to warm up cells prior to racing, pulsed trickle charge, voltage taps and full fuse-protection. TEK30C100, \$110.00



COMPETITION ELECTRONICS, INC. Turbo Charger

If you're looking for a high-tech peak detector charger that will charge, discharge, match cells and test packs, the Turbo Charger is for you. This DC charger is easy to program and use (it has only three buttons) and will charge at up to a 10-amp rate. CE11000, \$295.95



TEKIN Peak Detector Charger

Tekin's DC charger is perfect for all your RC/D's charging needs. With a selectable switch, this charger can be used to charge at a linear current rate (best for SCE cells) or at a pulsed rate (best for SCR cells). Tekin's charger features adjustable current rate to 10 amps, automatic cut-off peak-detection, trickle on/off switch and is fuse-protected. TEK30C100L, \$110.00

COMPETITION ELECTRONICS, INC. Linear Turbo Charger

CEI offers this DC Turbo Charger in a linear-current-output version. With the same features as its standard pulsed Turbo Charger (see above), the linear version is designed to give more run time with SCE cells. CE12000, \$329.95



VICTOR ENGINEERING IBI-9Q DC Charger

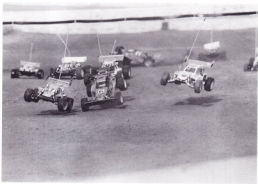
This charger, one of the most sophisticated on the market, offers you the ability to program charge times, charge rates and discharge rates, as well as match batteries, cycle cells and break-in-run motors via a keyboard. This DC charger with built-in computer and LCD readout is the ultimate equipment in hobby performance, testing and maintenance. VIC1000, \$349.00



NAVCOM Racing 10 Plus Peak Detector

Navcom's high-amplitude DC pulse charger is popular with many top-level racers. This heavy-duty unit features an adjustable current up to 12 amps. Other features include voltometer tap for current rate and voltage reading, PET-regulated output, pulsed trickle charge and an indicator light that tells when charging is complete. NAV010, \$109.95







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