

THE TRINITY RACE GUIDE



1997 ROAR OFF-ROAD NATIONALS
2wd Modified National Champion, TQ
4wd Modified National Champion, TQ
Modified Truck National Champion, TQ

1997 NORRCA OFF-ROAD NATIONALS
2wd Modified National Champion, TQ
4wd Modified National Champion, TQ
Modified Truck National Champion, TQ

1997 IFMAR WORLD CHAMPIONSHIPS
2wd World Champion

World Champion Edition!

WORLD'S BEST DRIVER WORLD'S BEST MOTOR WORLD'S BEST CELLS

Why Settle For Second Best, Make The Choice Of Champions!



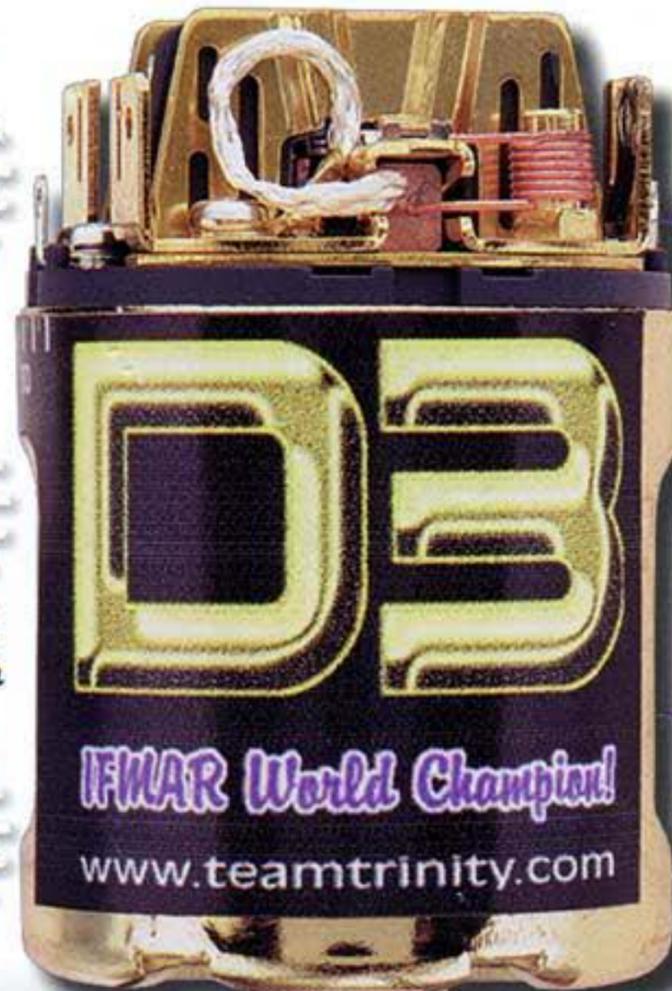
Brush Stabilizing System Presses Brush On Heatsink For Better Cooling And Eliminates Brush Bounce



Cooling Vents For Better Air Flow Around Comm And Brushes And Easier Comm Inspection



1.4mm Motor Can With 6.0v Wet Magnets For A More Efficient Higher Power Motor



Bigger Solder Tabs Still Accept No Solder Leads

XXX Arm Has The Same Torque As The D2, But With More Rpm's

Magnetic Field Collecting Depressions Move Magnetic Field Closer To Arm For More Torque



Trinity VIS EX-TRA RC-2000 Matched Cells Are Recognized As The Best In The World And Are The Winner Of The RC Car Action Readers Choice Award For Best Battery Pack

WINNERS FOR THE SECOND YEAR IN A ROW OF THE RC CAR ACTION READERS CHOICE AWARDS FOR BEST MOTOR!

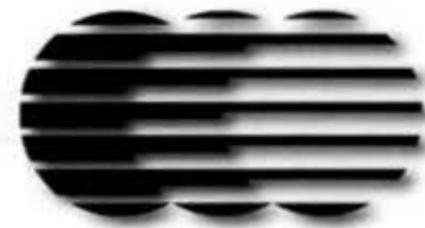
All Trinity Motors Carry The Same Guarantee That They Have For The Past 22 Years To be Free From Defects And Premature Failures!

TRINITY
www.teamtrinity.com



'97 IFMAR World Champion

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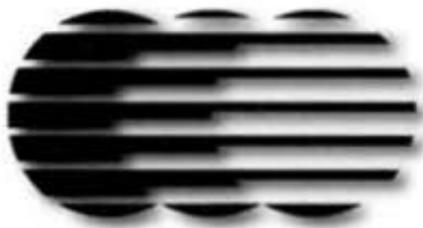
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- Denotes Item Not In Last Years Catalog
- + Denotes Price Increase
- Denotes Price Decrease



ROAR/NORRCA/Street Spec Stock Motors

MIDNIGHT 2

High Power ROAR Stock

The Midnight 2 was designed from the ground up using the direct response from you the racer, (especially from our web page, thanks guys!). The result, a stock with more torque than the original Midnight, but with rpm's closer to the X-Star.

The Midnight 2 is completely new using only the commutator, motor shaft and endbell screws from previous models. The new 1.4mm LCG Flat Motor Can™ moves the magnetic field produced by the 6.0v

wet pressed magnets closer to the armature for more torque. The "Z" Speed™ armature blank has been engineered to make the motor react like it has more than 24 degree's of timing. All new endbell tooling provides inspection and cooling vents to circulate more air through the endbell and around the commutator. The solder tabs have been made bigger for easier soldering, but still will allow the use of "no solder leads". A new brush stabilizing system is built into the brush hood itself. This keeps the brushes from bouncing but unlike other systems this one pushes the brush down onto the heatsink for better heat transfer away from the brushes and commutator.

The Midnight 2 is available 2 ways. The standard version and the Midnight 2 Pro. The Pro features our new Silver "E" brushes and comes dyno tuned and tweaked in a motor tube with dyno readings.



Part#	Name	Price	Turns	Wind	Timing	Magnets	Can	Brush	Spring	Use	Free RPM @6 Volts
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ROAR/NORRCA LEGAL STOCK MOTORS

RC2295	Midnight 2™	•\$39.99	27	S	24	6.0V	1.4	4475	4387	Buggies/Trucks/Touring	24,800
RC2296	Midnight 2 Pro™	•\$39.99	27	S	24	6.0V	1.4	4499	4387	Buggies/Trucks/Touring	24,800
RC2098	X-Star™	\$39.99	27	S	24	5.4v	1.3	4080	4387	Oval/On-Road	25,000
RC2100	X-Star Reverse™	\$39.99	27	S	24	5.4v	1.3	4080	4387	LSD Oval/USA 1/Clod	25,000
RC2096	Midnight Reverse	\$39.99	27	S	24	5.2v	1.3	4080	4387	LSD Oval/USA 1/Clod	24,300

STREET SPEC/NORRCA PRO STOCK MOTORS

RC2097	Monster Stock Jr3	\$39.99	27	S	30	5.3v	1.3	4475	4387	All Stock Racing/Oval	27,900
SS2228	Street Spec Stock	\$29.95	21	S	12	5.0v	1.2	4495	4531	Street Spec Racing	20,800



When choosing a stock motor you need to determine if you need one with high torque, (small tight tracks, sticky buggy tracks, racing trucks) or one with high rpm, (super speedway, big high speed tracks, dirt oval).

Putting some thought behind your choice will make your car/buggy faster and will make your motor last longer. The wrong motor choice can result in overheating and lack of overall performance.

For the most torque and brute power always go with the Midnight 2. For more rpm and top speed the choice is the X-Star. Both motors are high performance state of the art models they just are designed with different characteristics for different types of R/C car racing. If you wanted the highest rpm stock motor and do not need a ROAR legal one than go with the Monster Stock Jr 3.



For Street Spec class racing the only legal stock motor is the Street Spec Stock. Street Spec rules require the use of Street Spec motor brushes, (SS2229) only and these can not be cut or modified in any way. The supplied springs must be used but they may be bent to your liking. Of course commutators may not be cut! The Street Spec stock makes for a great club motor as its low 12° timing keeps it cool running and running for a long time.

ROB CUTMANS NOTEBOOK

breaking in stock motors

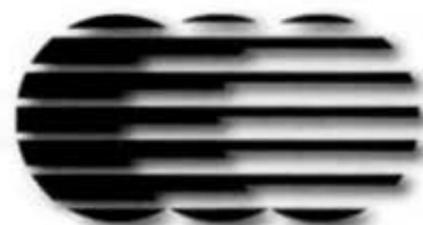
The first step to breaking in a stock motor is the bushings. Remove the springs & brushes from the motor and place a few drops of Trinity RC4049 Bushing Buster on the shaft and bushings at each end of the motor. Run the motor with a drill, Dremel tool or coupled to another motor, at low speed for approximately 5 minutes. This will wear the bushings in and allow the shaft to align itself between the bushings. Now spray the motor out thoroughly with Trinity RC44443 Buggy Blast to remove the Bushing Buster and the bushing residue. Next apply 2 drops of Trinity RC4026 Bushing oil to each end of the shaft on the bushings.

Now install Trinity RC4499 Midnight "E" brush (for laydown) or RC4383 (for standup) and apply several drops of Team Kinwald TK2001 Formula 96 drops directly to the brushes and the commutator. Now re-install your springs, RC4387 Black Tech laydowns are recommended.

Now all that is needed is to run the motor at 2-3 volts, preferably with a cooling fan, for about 3-5 minutes. Next install the capacitors and you're ready to go!!



Speed Gems 2/GT-1, GT-2 Modifieds



SPEED GEMS 2 Updated For 1998!

R/C's most popular line of machine wound low cost modified motors has been updated for the 1998 racing season. To improve the overall performance a new 1.3mm motor can and endbell have been used incorporating the latest 5.4v wet pressed magnets. This combination makes for a higher torque more efficient motor that will produce more power and be easier on your battery pack.

Motor winds will stay the same as your old favorites, but wire gauges have been increased wherever it was possible. The Speed Gems 2 motors have also received new



cosmetics with updated sticker and packaging art. The Speed Gems 2 motors are an excellent choice for the casual racer, the racer on a budget or for just tearing up the neighborhood street track.

Part#	Name	Price	Turns	Wind	Timing	Magnets	Can	Brush	Spring	Use	Free RPM @6 Volts
9210	Topaz™	•\$49.99	11	T	Adj	5.4v	1.3	4495	4387	4wd/Touring Oval	36,700
9211	Ruby™	•\$49.99	16	T	Adj	5.4v	1.3	4495	4387	2wd Off-Road	25,600
9212	Sapphire™	•\$49.99	17	S	Adj	5.4v	1.3	4495	4387	Trucks	24,100
9213	Diamond™	•\$49.99	12	D	Adj	5.4v	1.3	4495	4387	1/10th Oval	33,700
9214	Onyx™	•\$49.99	14	D	Adj	5.4v	1.3	4495	4387	2wd Off-Road	29,100
9216	Jade™	•\$49.99	15	Qd	Adj	5.4v	1.3	4495	4387	2wd Off-Road/Trucks	27,000
9217	Quartz™	•\$49.99	19	D	Adj	5.4v	1.3	4495	4387	F1/Enduros/Slippery Tracks	21,500
9218	Opal™	•\$49.99	10	T	Adj	5.4v	1.3	4495	4387	4wd/Touring/Oval	39,700
9219	Platinum™	•\$49.99	13	T	Adj	5.4v	1.3	4495	4387	2wd Off-Road/Touring	31,400

GT Touring Car Series

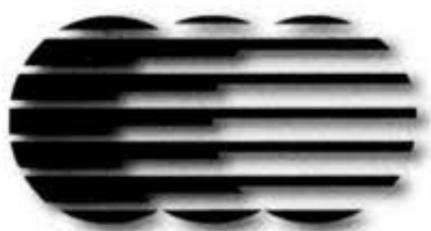
Designed for touring car racing the GT-1 and GT-2 motors delivery high end performance and quality at a low cost that makes them affordable for all racers no matter what their racing budget. Using the latest EPIC magnet, can and magnet technology the GT-1 and GT-2 modifieds perform better than a lot of the other brands of high dollar hand wound custom built modifieds which employ technology 1 to 2 generations behind.

With our new GT and Speed Gems 2 series Trinity has produced machine wound motors that exceed the performance levels of all other brands of modified motors and performance exceeded only by our own D2 and D3 modifieds.



Part#	Name	Price	Turns	Wind	Timing	Magnets	Can	Brush	Spring	Use	Free RPM @6 Volts
GT-1 BALL BEARING MODIFIEDS											
GT1-409	9 Turn Quad	•\$49.99	9	Q	Adj	5.4v	1.3	4495	4387	4wd Sticky Tight Tracks	39,900
GT1-410	10 Turn Quad	•\$49.99	10	Q	Adj	5.4v	1.3	4495	4387	4wd Sticky Tight Tracks	36,800
GT1-312	12 Turn Triple	•\$49.99	12	T	Adj	5.4v	1.3	4495	4387	4wd Big Tracks	33,800
GT1-214	14 Turn Double	•\$49.99	14	D	Adj	5.4v	1.3	4495	4387	4wd Slippery Tracks/2wd	29,100
GT-2 BUSHING MODIFIEDS											
GT2-411	11 Turn Quad	•\$32.00	11	Q	15	5.4v	1.3	4495	4387	4wd Sticky Tight Tracks	36,500
GT2-413	13 Turn Quad	•\$32.00	13	Q	15	5.4v	1.3	4495	4387	4wd Big Tracks	31,500
GT2-415	15 Turn Quad	•\$32.00	15	Q	15	5.4v	1.3	4495	4387	4wd/2wd w/Sport Packs	28,000
GT2-317	17 Turn Triple	•\$32.00	17	T	15	5.4v	1.3	4495	4387	4wd/2wd w/Sport Packs	24,900

TRINITY / FIMAR World Champions



D2 Hand Wound Modified Motors



The Dirtinator 2, (D2™) series of modified motors are one of the Trinity/Epic leading edge designs which have dominated the R/C racing scene for the past 2 years. The D2 modifieds feature 5.4v wet pressed magnets which boast a high resistance to magnetic field loss due to heat and the discharging effects produced by the armature. This means your magnetic field won't disappear after just a few runs.



The armature blank features a thicker web shape for more efficiency and more horsepower. The D2 motor can and endbell are designed to maximize the airflow around the armature and commutator without compromising the magnetic field of the motor can. All our D2 armature winds have been designed to maximize the performance of the D2's 5.4v magnet and can combination.

D2 modifieds are designed to be used for all types of racing, but we have built all our motors with brush and spring combinations that work best for off-road racing. Performance can sometimes be enhanced for certain types of racing by using the brush and spring combinations listed below, but this is almost never necessary.

Part#	Name	Price	Turns	Wind	Timing	Magnets	Can	Brush	Spring	Use	Free RPM @6 Volts
D2106	D2™ Single 6	\$95.00	6	S	Adj	5.4v	1.3	4380	4492	Drag/Speed Runs	55,200
D2107	D2™ Single 7	\$95.00	7	S	Adj	5.4v	1.3	4380	4492	Drag/Speed Runs	48,000
D2508	D2™ Quint 8	\$95.00	8	Qt	Adj	5.4v	1.3	4380	4492	4wd High BiteTrack	41,700
D2409	D2™ Quad 9	\$95.00	9	Qd	Adj	5.4v	1.3	4380	4033	2wd High Bite Track	37,300
D2410	D2™ Quad 10	\$95.00	10	Qd	Adj	5.4v	1.3	4380	4033	4wd Most Tracks	33,700
D2310	D2™ Triple 10	\$95.00	10	T	Adj	5.4v	1.3	4380	4033	1/10th On-Road	33,500
D2511	D2™ Quint 11	\$95.00	11	Qt	Adj	5.4v	1.3	4380	4033	1/10th On-Road/Oval	30,700
D2311	D2™ Triple 11	\$95.00	11	T	Adj	5.4v	1.3	4380	4033	2wd Most Tracks	30,700
D2211	D2™ Double 11	\$95.00	11	D	Adj	5.4v	1.3	4380	4033	2wd Most Tracks	30,700
D2412	D2™ Quad 12	\$95.00	12	Qd	Adj	5.4v	1.3	4380	4033	High Speed Tracks	28,300
D2312	D2™ Triple 12	\$95.00	12	T	Adj	5.4v	1.3	4380	4033	4wd Loose Tracks	28,300
D2212	D2™ Double 12	\$95.00	12	D	Adj	5.4v	1.3	4380	4033	4wd Loose Tracks	28,300
D2313	D2™ Triple 13	\$95.00	13	T	Adj	5.4v	1.3	4380	4033	1/10th Carpet Oval	26,300
D2213	D2™ Double 13	\$95.00	13	D	Adj	5.4v	1.3	4380	4033	2wd Loose Tracks	26,500
D2414	D2™ Quad 14	\$95.00	14	Qd	Adj	5.4v	1.3	4380	4033	All Purpose Off-Road	24,400
D2214	D2™ Double 14	\$95.00	14	D	Adj	5.4v	1.3	4380	4033	2wd No Traction Track	24,300
D2315	D2™ Triple 15	\$95.00	15	T	Adj	5.4v	1.3	4380	4033	1/12th 8 Minutes	22,700
D2416	D2™ Quad 16	\$95.00	16	Qd	Adj	5.4v	1.3	4380	4033	Touring Cars	21,300
D2217	D2™ Double 17	\$95.00	17	D	Adj	5.4v	1.3	4380	4033	1/12th/Touring	20,100

D2 XX-4/STREET WEAPON 4WD MOTORS

These motors pictured at the top of the page feature our wide coverage heatsinks for better brush and commutator cooling. The winds are those that we have found work the best in the Street Weapon, XX-4 and most other touring cars. When running either of these or any other 4wd car we recommend the use of a heatsink like those we make for the XX-4 and other cars (TK1100 fits all touring cars, or TK3028 Monster Heatsink, XX-4 /Street Weapon only).

D4X210	10 Turn Double	•\$95.00	10	D	Adj	5.4v	1.3	4380	4389	Sticky Tight Tracks	33,500
D4X211	11 Turn Double	•\$95.00	11	D	Adj	5.4v	1.3	4380	4389	Sticky Tight Tracks	30,200
D4X212	12 Turn Double	•\$95.00	12	D	Adj	5.4v	1.3	4380	4389	Medium Tracks	28,200
D4X313	13 Turn Triple	•\$95.00	13	D	Adj	5.4v	1.3	4380	4389	Big Tracks	26,300

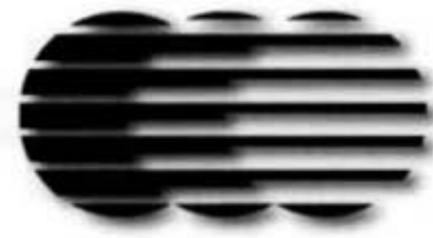
SAMARIUM COBALT HIGH PERFORMANCE RACING MOTORS

This is the fastest R/C motor you can buy for car, plane or boat. This micro sized .05 motor although smaller in diameter than a standard motor uses the exact same armatures. This is possible due to the use of a thick machine billet steel motor can and super strong Samarium Cobalt magnets. These magnets are so strong they can be made much thinner than a standard magnet, while still having more strength. These motors are excellent in drag cars and boats especially when running more than 6 cells.

RC1005	Cobalt 8	\$275.00	8	S	Adj	2.3	1.6	4383	4492	Drag Racing	59,500
RC1006	Cobalt 9	\$275.00	9	S	Adj	2.3	1.6	4383	4492	Drag Racing	53,050
RC1008	Cobalt 10	\$275.00	10	S	Adj	2.3	1.6	4383	4492	Drag Racing	47,300
RC1009	Cobalt 11	\$275.00	11	S	Adj	2.3	1.6	4383	4492	Drags/Boats	42,200
RC1010	Cobalt 12	\$275.00	12	D	Adj	2.3	1.6	4383	4492	Boats/Planes	37,600
RC1011	Cobalt 13	\$275.00	13	D	Adj	2.3	1.6	4383	4492	Boats Planes	33,700



D3 Hand Wound Modified Motors



New for all you modified class racers in 1998 will be the all new D3 from Trinity. This modified motor features lots of new technology developed over the past year as our race and R&D team racked up an impressive winning record. Team Trinity used its D2 modified motors to win and TQ all 6 ROAR & NORRCA Off-road titles and the 3 ROAR On-road titles, a record not soon to be broken. Now with the release of the D3 the envelope of modified motor performance will once again be re-established by Trinity.



- * All new endbell tooling with an inspection hole for checking commutator. Improved cooling around comm and brushes.
- * New bigger heatsinks. New bigger tabs to solder your lead wires to that will also still accept no solder leads.
- * Hoods have a brush stabilizer system that pushes the brush down on top of the heatsink for better cooling while eliminating brush chatter.
- * Endbell has been redesigned to hold ball bearing in tighter. No more loose bearings when you take your motor apart.
- * New 1.4mm can with magnetic field collecting depressions between the magnets to move the field closer to the armature. This accomplishes the same thing as our flat can Midnight 2 while still allowing for a round can so timing can be adjusted.
- * New 6.0v Wet Pressed Magnets feature a new material with a higher resistance to demagnetizing from the armature. This means your magnets will not become weak as you run your motor.
- * Improved airflow due to redesign of the cooling vents on the back of the motor can.
- * New "XXX Slotted" armature provides same torque as D2 but with more rpms.
- * Gold plating on motor can

Part#	Name	Price	Turns	Wind	Timing	Magnets	Can	Brush	Spring	Use	Free RPM @6 Volts
D3106	D3™ Single 6	•\$95.00	6	S	Adj	6.0v	1.4	4380	4033	Drag/Speed Runs	58,600
D3107	D3™ Single 7	•\$95.00	7	S	Adj	6.0v	1.4	4380	4033	Drag/Speed Runs	54,200
D3208	D3™ Double 8	•\$95.00	8	D	Adj	6.0v	1.4	4380	4033	4wd High BiteTrack	49,800
D3209	D3™ Double 9	•\$95.00	9	D	Adj	6.0v	1.4	4380	4033	2wd High Bite Track	46,200
D3510	D3™ Quint 10	•\$95.00	10	Qt	Adj	6.0v	1.4	4380	4033	4wd Most Tracks	43,000
D3310	D3™ Triple 10	•\$95.00	10	T	Adj	6.0v	1.4	4380	4033	1/10th On-Road	42,800
D3210	D3™ Double 10	•\$95.00	10	D	Adj	6.0v	1.4	4380	4033	1/10th On-Road/Oval	42,600
D3611	D3™ Hex (6) 11	•\$95.00	11	H	Adj	6.0v	1.4	4380	4033	2wd Most Tracks	39,700
D3311	D3™ Triple 11	•\$95.00	11	T	Adj	6.0v	1.4	4380	4033	2wd Most Tracks	39,600
D3211	D3™ Double 11	•\$95.00	12	D	Adj	6.0v	1.4	4380	4033	High Speed Tracks	39,400
D3612	D3™ Hex (6) 12	•\$95.00	12	H	Adj	6.0v	1.4	4380	4033	4wd Loose Tracks	36,800
D3312	D3™ Triple 12	•\$95.00	12	T	Adj	6.0v	1.4	4380	4033	4wd Loose Tracks	36,700
D3212	D3™ Double 12	•\$95.00	12	D	Adj	6.0v	1.4	4380	4033	1/10th Carpet Oval	36,500
D3112	D3™ Single 12	•\$95.00	12	S	Adj	6.0v	1.4	4380	4033	2wd Loose Tracks	36,300
D3313	D3™ Triple 13	•\$95.00	13	T	Adj	6.0v	1.4	4380	4033	All Purpose Off-Road	34,100
D3213	D3™ Double 13	•\$95.00	13	D	Adj	6.0v	1.4	4380	4033	2wd No Traction Track	33,900
D3113	D3™ Single 13	•\$95.00	13	S	Adj	6.0v	1.4	4380	4033	1/12th 8 Minutes	33,800
D3414	D3™ Quad 14	•\$95.00	14	Qd	Adj	6.0v	1.4	4380	4033	Touring Cars	31,800
D3214	D3™ Double 14	•\$95.00	14	D	Adj	6.0v	1.4	4380	4033	1/12th/Touring	31,600
D3315	D3™ Triple 15	•\$95.00	15	T	Adj	6.0v	1.4	4380	4033	Drag/Speed Runs	29,300
D3416	D3™ Quad 16	•\$95.00	16	Qd	Adj	6.0v	1.4	4380	4033	Drag/Speed Runs	27,100
D3317	D3™ Triple 17	•\$95.00	17	T	Adj	6.0v	1.4	4380	4033	4wd High BiteTrack	25,200

NEAL MCCURDY'S NOTEBOOK. choosing a modified motor

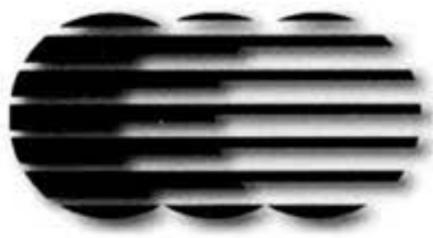
1. Use some common sense. Don't try to pick the hottest motor (fewest turns) that you can find thinking it will be the fastest. It probably will not be and it will not last very long. If you are moving up from running stock motors try something in our SpeedGems line. These are mid level modified motors that are easy to care for and will give reliable increased performance. Many people try to use race motors for everyday sport and play use. These motor are intended for racing competition and will not last very long without proper maintenance.
2. Choose a motor that is appropriate for the application it will be used for. Don't try to use a 6 turn motor in an offroad car or a monster truck. If you are unsure about what you think you need ask at your local hobby shop or track.
3. Don't overgear your motor! If you are now using a stock type motor, going to a modified will most likely require lower gearing. By lower we mean fewer teeth on the pinion gear, (the gear that is on the motor). Overageing can lead to problems such as poor performance, overheating, poor runtime and early motor failure.

Some motor selection suggestions.

Off-Road	Buggies	6 cell	4 min.	14 to 12 turn
	Trucks	6 cell	4 min.	15 to 13 turn
On-Road	1/10	6 cell	4 min.	13 to 11 turn
	1/10	4 cell	4 min.	12 to 10 turn
	1/12	6 cell	8 min.	19 to 17 turn
	1/12	4 cell	8 min.	16 to 15 turn
Touring Cars	2wd	6 cell	4 min.	13 to 11 turn
	2wd	6 cell	5 min.	14 to 12 turn
	4wd	6 cell	4 min.	12 to 9 turn
	4wd	6 cell	5 min.	13 to 10 turn

These motor selections are only suggestions. Actual track, setup and driving conditions may affect these guidelines.

TRINITY IFMAR World Champions



D2 Epoxy Balanced Armatures

D2 Armatures

These epoxy balanced armatures are based on the Dirtinator D2 armature blank. This armature blank was designed to work best and produce more power and efficiency when used in all types of modified motor setups manufactured before the all new D3. The shape of the armature web where the wire wraps is thicker. This extra material at this point increases the magnetic field the armature produces which causes it to make more power. When looking for a replacement armature for your D2 modified motor just order the "DZ" part number that matches your motor part number. For example the replacement armature for a D2 11 turn quint motor, D2511, is part number DZ511. When choosing a replacement armature for older series Dirtinator, Kinwald or motors made by other manufacturers like Peak, Reedy, Maxtec, GM and LRP etc. choose an armature with one less wind to obtain the same performance. For example when looking to replace an older style 10 turn quad choose DZ409 a D2 9 turn quad.



Remember when replacing your armature you always want to use new brushes and springs. Always be sure to completely break in your motor brushes using your motor on the track.

Part#	Description	Wind	Price
DZ106	D2™ Single 6 Turn	14.5	\$50.00
DZ107	D2™ Single 7 Turn	15	\$50.00
DZ508	D2™ Quint 8 Turn	22-22-22-22.5-23	\$50.00
DZ208	D2™ Double 8 Turn	18-18	\$50.00
DZ409	D2™ Quad 9 Turn	21-22-22-22	\$50.00
DZ309	D2™ Triple 9 Turn	20-20-21	\$50.00
DZ510	D2™ Quint 10 Turn	22-23-23-23-24	\$50.00
DZ410	D2™ Quad 10 Turn	22-22-22-22.5	\$50.00
DZ310	D2™ Triple 10 Turn	20-21-21	\$50.00
DZ210	D2™ Double 10 Turn	18.5-19.5	\$50.00
DZ611	D2™ Six Wire 11 Turn	24-24-24-25-25-25	\$50.00
DZ511	D2™ Quint 11 Turn	23-23-23.5-24-24	\$50.00
DZ411	D2™ Quad 11 Turn	22-22-23-23	\$50.00
DZ311	D2™ Triple 11 Turn	20.5-21-22	\$50.00
DZ211	D2™ Double 11 Turn	19-19.5	\$50.00
DZ512	D2™ Quint 12 Turn	23-24-24-24-24.5	\$50.00
DZ412	D2™ Quad 12 Turn	23-23-23-23.5	\$50.00
DZ312	D2™ Triple 12 Turn	21-21-22.5	\$50.00
DZ212	D2™ Double 12 Turn	19.5-19.5	\$50.00
DZ513	D2™ Quint 13 Turn	24-24-24-24-25	\$50.00
DZ313	D2™ Triple 13 Turn	21-22-22.5	\$50.00
DZ213	D2™ Double 13 Turn	19.5-20.5	\$50.00
DZ113	D2™ Single 13 Turn	17	\$50.00
DZ414	D2™ Quad 14 Turn	23-23-24-24	\$50.00
DZ314	D2™ Triple 14 Turn	22-22-22	\$50.00
DZ214	D2™ Double 14 Turn	20-20.5	\$50.00
DZ315	D2™ Triple 15 Turn	22-22-23	\$50.00
DZ215	D2™ Double 15 Turn	20-21	\$50.00
DZ416	D2™ Quad 16 Turn	24-24-24-25	\$50.00
DZ316	D2™ Triple 16 Turn	22-23-23	\$50.00
DZ317	D2™ Triple 17 Turn	22.5-23-23	\$50.00
DZ217	D2™ Double 17 Turn	21-21	\$50.00
DZ218	D2™ Double 18 Turn	21-22.5	\$50.00
DZ220	D2™ Double 20 Turn	21-22.5	\$50.00
DZ222	D2™ Double 22 Turn	22-22	\$50.00

CUSTOM WOUND ARMATURES

If your favorite motor wind is not listed in our D2 range above or in a D3 model on the next page, look no further. We can custom wind any armature to your exact specifications. All our custom wound armatures will be available on either our D2 "Wide Web Blank" (high torque, high efficiency) or our new D3 XXX "Slotted Blank", (same torque, more rpm).

All custom wound armatures take 7 to 10 days to process. When ordering you must use the part number followed by the number of turns, number of wires, wire gauge and armature blank. For example a 10 turn double wound with 22 and 24 gauge wire on a D3 blank should be ordered as:

RC5233 10T, Double, 22-24, D3 \$60.00

Any of the D2-D3 armatures on these 2 pages including custom wound ones are available with a tied commutator for Drag racing or high rpm (8 cell plus) operation. Add a "T" to the end of the part number and add \$7.50 to the retail price. Trinity offers no warranty on tied commutator armatures do to their usage.

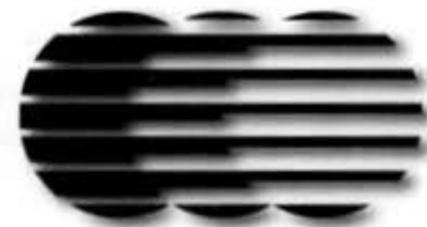
SPEED GEMS2 REPLACEMENT ARMATURES

9221	Ruby Replacement, (16 Triple)	•\$19.99
9222	Sapphire Replacement, (17 Single)	•\$19.99
9223	Diamond Replacement (12 Double)	•\$19.99
9226	Jade Replacement, (15 Quad)	•\$19.99
9227	Quartz Replacement, (19 Double)	•\$19.99
9228	Opal Replacement, (10 Triple)	•\$19.99
9229	Onyx Replacement, (14 Double)	•\$19.99
9230	Platinum Replacement (13 Triple)	•\$19.99
9231	Topaz Replacement (11 Triple)	•\$19.99

The Speed Gems2 replacement armatures will fit in any Speed Gems or Speed Gems2 motor setups or any other other type of modified motor setup. Lower turns will give you more torque when geared with a small pinion but at a shorter run time, while more turns will make a smoother more efficient motor that will have a lot of top speed when geared with a big pinion. Higher turn motors are also easier on batteries and give longer run times.



D3 Epoxy Balanced Armatures/Motor Springs



The XXX Slotted armature was designed to exploit the increased magnetic field of the D3's new 6.0v wet magnets and innovative can design. This combination of XXX armature and D3 setup makes for a more efficient motor without sacrificing top end. The D3 produces the same torque as the older D2 motors but with an increase of usable rpm. The power band has also been widened to make the D3 more drivable over a wide variety of track and car conditions.

The D3 XXX modified armatures fit existing modified motors and can be used for any type of racing. Which wind you choose depends on the track, your driving skills, battery packs, and how well your car handles. Always remember when choosing an armature that the lower the number of turns, the more rpm's the armature will produce, but at a higher drain on the batteries. A motor wound with a single (s) strand of wire produces more power but drains the battery pack quicker than a triple or quad will.

When looking for a replacement armature for your new D3 modified motor, just order the "XXX" part number that matches your motor part number. For example the replacement armature for a D3 11 turn triple motor D3311 is part number XXX311.

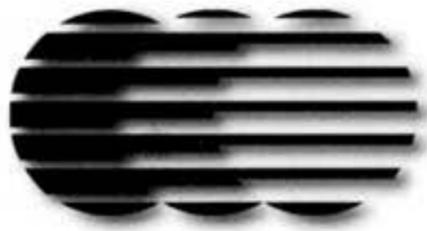
Remember when replacing your armature you always want to use new brushes and springs. Always be sure to completely break in your motor brushes before using your motor on the track

Part#	Description	Wind	Price
XXX106	D3™ Single 6 Turn	14.5	•\$50.00
XXX107	D3™ Single 7 Turn	15	•\$50.00
XXX508	D3™ Quint 8 Turn	22-22-22-22.5-23	•\$50.00
XXX208	D3™ Double 8 Turn	18-18	•\$50.00
XXX108	D3™ Single 8 Turn	15	•\$50.00
XXX209	D3™ Double 9 Turn	18-18.5	•\$50.00
XXX109	D3™ Single 9 Turn	15.5	•\$50.00
XXX409	D3™ Quad 9 Turn	21-22-22-22	•\$50.00
XXX309	D3™ Triple 9 Turn	20-20-21	•\$50.00
XXX510	D3™ Quint 5 Turn	23-23-23-23-24	•\$50.00
XXX410	D3™ Quad 10 Turn	22-22-22-22.5	•\$50.00
XXX310	D3™ Triple 10 Turn	20-21-21	•\$50.00
XXX210	D3™ Double 10 Turn	18.5-19	•\$50.00
XXX611	D3™ Hex 11 Turn	24-24-24-25-25-25	•\$50.00
XXX511	D3™ Quint 11 Turn	23-23-23.5-24-24	•\$50.00
XXX411	D3™ Quad 11 Turn	22-22-23-23	•\$50.00
XXX311	D3™ Triple 11 Turn	20.5-21-22	•\$50.00
XXX211	D3™ Double 11 Turn	19-19.5	•\$50.00
XXX612	D3™ Hex 12 Turn	24-24-25-25-25-25	•\$50.00
XXX512	D3™ Quint 12 Turn	23-24-24-24-24.5	•\$50.00
XXX412	D3™ Quad 12 Turn	23-23-23-23.5	•\$50.00
XXX312	D3™ Triple 12 Turn	21-21-22.5	•\$50.00
XXX212	D3™ Double 12 Turn	19.5-19.5	•\$50.00
XXX112	D3™ Single 12 Turn	16.5	•\$50.00
XXX613	D3™ Hex 13 Turn	25-25-25-25-24-24	•\$50.00
XXX513	D3™ Quint 13 Turn	24-24-24-24-25	•\$50.00
XXX413	D3™ Quad 13 Turn	23-23-23-24	•\$50.00
XXX313	D3™ Triple 13 Turn	21-22-22.5	•\$50.00
XXX213	D3™ Double 13 Turn	19.5-20.5	•\$50.00
XXX113	D3™ Single 13 Turn	17	•\$50.00
XXX414	D3™ Quad 14 Turn	23-23-24-24	•\$50.00
XXX314	D3™ Triple 14 Turn	22-22-22.5	•\$50.00
XXX214	D3™ Double 14 Turn	20-20.5	•\$50.00
XXX114	D3™ Single 14 Turn	17	•\$50.00
XXX315	D3™ Triple 15 Turn	22-22-23	•\$50.00
XXX215	D3™ Double 15 Turn	20-12	•\$50.00
XXX416	D3™ Quad 16 Turn	24-24-24-24	•\$50.00
XXX316	D3™ Triple 16 Turn	22-23-23	•\$50.00
XXX317	D3™ Triple 17 Turn	22.5-23-23	•\$50.00
XXX217	D3™ Double 17 Turn	21-21	•\$50.00

Armatures in *italic* are the same armatures used in D3 modified motors with the corresponding last 3 part numbers. XXX317 is used in the D3 modified motor with part number D3317.

MOTOR SPRINGS (LISTED LIGHTEST TO HEAVIEST)

Part#	Type	Color	Tension Measured In Ounces	Usage	Price
RC4534	Teardown Stock Spring, 1pr	Lite Gold	6	4-6 Cell 1/12th Scale	\$1.50
RC4535	Teardown Stock Spring, 6pr	Lite Gold	6	4-6 Cell 1/12th Scale	\$8.50
RC4032S	Light Tension, 1pr	Chrome	7	6 Cell 1/12th, 1/10 Oval	\$1.50
RC4032	Light Tension, 6pr	Chrome	7	6 Cell 1/12th, 1/10 Oval	\$8.50
RC4028S	Medium Tension, 1pr	Gold	9	All Oval 1/10 On-Road	\$1.50
RC4028	Medium Tension, 6pr	Gold	9	All Oval 1/10 On-Road	\$8.50
RC4387	Black Tech Laydown, 1pr	Black	9	Laydown Stock Motors	\$1.50
RC4388	Black Tech Laydown, 6pr	Black	9	Laydown Stock Motors	\$8.50
RC4389S	Medium Heavy, 1pr	Copper	11	1/10th On/Off-Road	\$1.50
RC4389	Medium Heavy, 6pr	Copper	11	1/10th On/Off-Road	\$8.50
RC4033S	Heavy Tension, 1pr	Silver	13	1/10th On/Off-Road	\$1.50
RC4033	Heavy Tension, 6pr	Silver	13	1/10th On/Off-Road	\$8.50



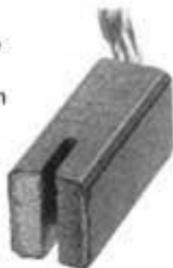
Motor Brushes

Part #	Name	Price	Compound	Type	Face	Cut	Terminal	Use
Silver Compound Brushes								
RC4070	Serrated Laydown Silver	\$3.50	Silver/Hard	Laydown	Serrated	"L" Slot	Y	1/10th Stk Oval
RC4075	Timed Silver Serrated	\$5.00	Silver Hard	Laydown	Serrated	Timed	Y	1/12th Stk Oval/Low Timed Motors
RC4077	Full Silver Serrated	\$3.50	Silver/Hard	Laydown	Serrated	None	Y	Stock Off-Road/Cut Your Own Face
RC4383	Serrated Silver	\$3.50	Silver/Hard	Normal	Serrated	None	Y	1/10-12 Modified Oval/On-Road
RC4383NT	Serrated Silver	\$2.99	Silver/Hard	Normal	Serrated	None	N	1/10-12 Modified Oval/On-Road
RC4444	Original 4444 Silver	•\$3.99	Silver/Hard	Laydown	Smooth	None	Y	High Performance Stock Oval/1/12th
RC4499	"E" Midnight 2 Pro Silver	•\$3.50	High Silver/Hard	Laydown	Serrated	None	Y	Stock Off-Road Racing
Copper Compound Brushes								
RC4080	Serrated Laydown Hard	\$3.50	Copper/Hard	Laydown	Serrated	"L" Slot	Y	Long Wear 1/10th Oval
RC4080NT	Serrated Laydown Hard	\$2.99	Copper/Hard	Laydown	Serrated	"L" Slot	N	Long Wear 1/10th Oval
RC4085	Timed Serrated Laydown	\$3.50	Copper/Hard	Laydown	Serrated	Timed	N	1/12th Stock
RC4087	Full Serrated Laydown	\$3.50	Copper/Hard	Laydown	Serrated	None	Y	Long Wear Off-Road
RC4380	Serrated Hard	\$3.50	Copper/Hard	Normal	Serrated	None	Y	Off-Road Modified
RC4380NT	Serrated Hard	\$2.99	Copper/Hard	Normal	Serrated	None	N	Off-Road Modified
SS2229	Street Spec	\$2.99	Copper/Medium	Dual	Smooth	None	Y	Street Spec Stock
RC4475	Stock Japan Laydown	\$0.99	Copper/Medium	Laydown	Smooth	None	Y	Stock Replacement Economy Brush
RC4495	Stock Japan	\$0.99	Copper/Medium	Laydown	Smooth	None	Y	Stock Replacement Economy Brush

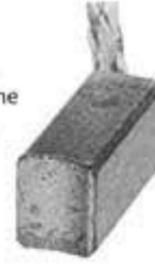
Serrated face brushes have lines molded into the face which allow them to break in quicker. They come in normal and laydown styles.
4070, 4077, 4383
4080, 4087



"L" Slot brushes have a slot running from top to bottom. This slot helps the brush center itself on the commutator, and cleans the commutator while running.
4070, 4080



Most stock motors that have not had their brushes changed come with a smooth face on the brushes. This face takes longer to fully break in.
4475, 4495



Street Spec brushes have a face that allow them to be used in both standard and laydown motors. They also have a big "S" molded into the back of them so they are easy to tech.
SS2229



COMPOUNDS:

Silver offers the highest performance, but requires that the commutator be cut more often.
Copper gives excellent performance but is easier on the commutator.

The harder the compound the more metal that is in the brush. This means it carries more current, but wears the commutator quicker.

TYPE:

Laydown, This is what is used in all Trinity/Epic stock motors. The brush is wider than it is high for greater brush wrap around the commutator. This makes for rpm on stock motors.

Normal, This is what comes on modified motors. The brush is higher than it is wide.

Dual, The street Spec brush is designed to be used in either a standard or laydown brush motor.

FACE:

Serrated, This brush face has small grooves molded into it. Breaks-in instantly, makes lots of power!

Smooth, This brush has a smooth face, takes longer to break-in.

CUT:

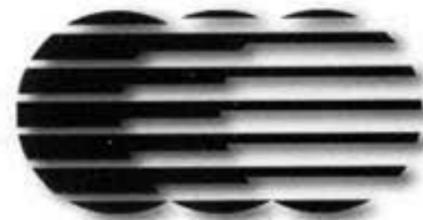
Timed, For stock motors only, this brush increases motor timing by offsetting the brush contact on the commutator.

"L" Slot, A thin slot cut into the radius improves brush alignment on the commutator, speeds break-in and allows the brush to clean commutator while the motor runs.

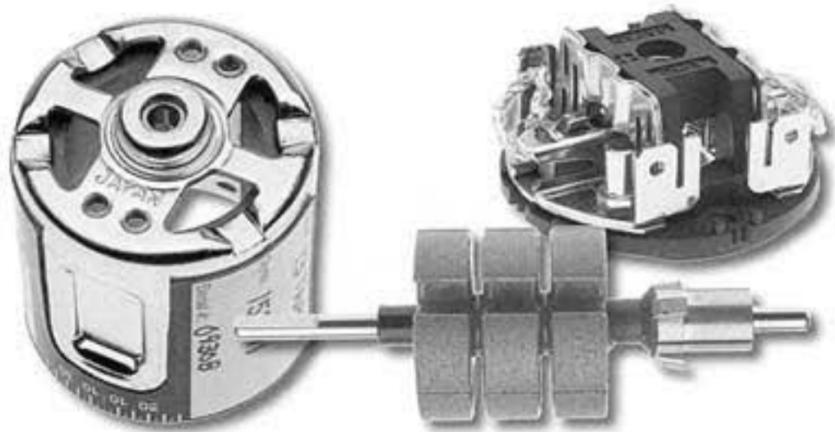
TERMINALS:

Screw on terminals allow the changing of brushes with just a screw driver. Professional racers prefer to use brushes without terminals and solder their shunts right to the brush hood.





REPLACEMENT MOTOR PARTS



D3 Motor Series

D32030	D3 Motor Set-up, can, endbell, hardware	•\$55.00
D32031	D3 Motor Can, 6.0v wet magnets w/BB's	•\$34.99
D32032	D3 Endbell w/timing ring	•\$25.99
D32033	D3 XXX High Rpm Slotted Armature Blank	•\$20.00

D2 Motor Series

TK2023	D2 Purple Motor Set-up, can, endbell, hardware	\$55.00
TK2024	D2 Purple Motor Can, 5.4v wet magnets w/BB	\$34.99
TK2025	D2 Purple Endbell w/timing ring	\$25.99
TK2026	D2 Armature Blank	\$15.00
TK2004	Purple Wrap Around Motor Heatsink	•\$4.99

Fits D2, Dirtinator and most modified and stock motors.



Dirtinator Motor Series

TK2010	Dirtinator Motor Setup, black	\$55.00
TK2011	Dirtinator Endbell, standard brushes	\$25.99
TK2012	Dirtinator Motor Can, 5.2v wet magnets	\$34.99
TK2027	Dirtinator Armature Blank	\$15.00

Samarium Cobalt/Rare Earth Motor Parts

RC1007	Cobalt Motor Set-up, mini can fits standard arm	\$225.00
RC1012	Rare Earth Drag Motor Setup, .05 sized	\$159.00
RC1013	Rare Earth Magnets, fits .05 motor can	\$99.99

MOTOR ACCESSORIES

RC4027	Brass Motor Shims, 10 pieces	\$1.99
RC4027B	Brass Motor Shims, 100 pieces	\$12.00
RC4029	Phenolic Motor Shims, 12 pieces	\$1.99
RC4029B	Phenolic Motor Shims, 100 pieces	\$14.99
RC4031	Modified Motor Ball Bearing, can/endbell	\$8.25
RC4095	Midnight Recessed Bushing, 2 pc	\$1.59
RC4470	Laydown Brush Hoods, w/screws & posts	\$6.99
RC4530	Silver Threaded Spring Posts 1 pair	\$2.49

These are direct replacements as those on stock motors. Their use is legal for ROAR and NORRCA racing.

RC4533	Motor Rebuild Kit	\$3.99
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Comes with a steel timing ring, 2 timing ring screws, 2 brush screws and 2 oversized screws for stripped out brush screw holes.

RC4102	Motor Sleeve, slips over can more torque	\$4.99
RC4012	Short Motor Mounting Screws	\$1.00
RC4013	Long Motor Mounting Screws	\$1.00
TK3020	Team Kinwald Cutman Big Boy Motor Screws	•\$1.99

Hardened steel metric motor screws that used a wide base aluminum machined washer for a wider foot print. Uses standard 1/16th wrench which is included. Keeps motor from slipping. Fits all off-road touring and most on-road cars. Also works great for mounting spur gears on HPI cars.

RC4043	Motor Spacer Heatsink	\$7.99
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Finned motor spacer fits between motor mount and back of motor can, keeps motor cooler running. Purple anodized.

RC4451	Small Motor Can Heatsink, on-road cars	\$21.99
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Snaps right on motor can for improved cooling and longer motor life. Fits most buggies and trucks.

RC4452	Large Motor Can Heatsink, off-road cars	\$23.99
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Same as above but wider model. Fits most pan cars.



RC4053	Comm Pen	\$6.99
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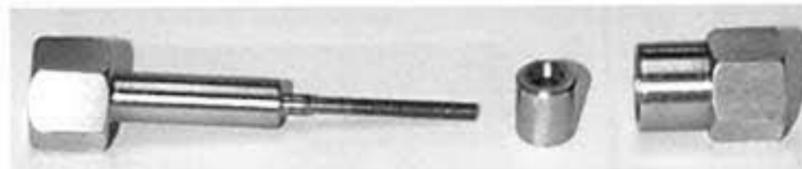
The comm pen is a handy tool for cleaning the commutator on stock and modified motors. Just turn the end to expose the fiberglass cleaning stick. Insert in the brush hood and hold lightly against the commutator while turning over the armature by hand. Also works great for removing carbon build-up on the end of brushes.

RC4054	Comm Pen Refill, 1 pc	\$1.59
RC4528	Spring Post Wrench, unscrews spring posts.	\$14.99

Easy way to unscrew the spring posts from your endbell so you can remove the hardware to cut the commutator on stock motors. Great for taking apart modified endbells for a thorough cleaning. New blue handle.

RC7913	Brush Hood Alignment Tool	\$12.99
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Put this tool through the 2 brush hoods when assembling your endbell and it will insure your brush hoods are perfectly aligned to each other. This will make sure that your brushes wear evenly and the timing will stay true as your motor runs and the brushes wear.



RC7917	Bearing Setter, Installs bushings & Bearings	\$29.99
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Precision tool for removing and installing ball bearings and bushings without damaging them. Works on stock and modified motors.

MOTOR CAPACITORS

RC4009	Disc Capacitors, 6 pieces	\$1.00
RC4450	High Frequency Capacitors	\$1.49

ROB CUTMAN'S NOTEBOOK

motor cleaning

Step 1 Remove springs and brushes from motor. Spray motor out thoroughly with RC4443 Buggy Blast being sure to spray the bushings or bearings at each end of the motor.

Step 2 Using the RC4053 Comm Pen, insert it into one of the brush hoods and hold the face of the pen firmly against the comm. Using an old pinion attached to the shaft, spin the motor several times in both directions. This will clean the carbon buildups off of the comm and give it a fresh shiny surface. Now spray the motor out again to remove any left over residue.

Step 3 Determine whether or not you are going to reinstall the same pair of brushes or replace them with new ones. It is always best to replace brushes that have worn severely or show signs of discoloration from heat. If reusing the same brushes clean the face of the brush with the Comm. Pen before reinstalling.

Step 4 Re-oil the bushing or bearings at each end of the shaft and apply several drops of TK2001 F-96 drops to each brush and your motor is now good as new.

RC-1700 Matched/VIS EX-TRA Packs

Why Matched Batteries?

That's a question asked all the time. The ideal battery pack is one in which all 6 cells run out of current at exactly the same time. This gives you a pack that is fast for the whole race showing almost no drop off of speed, and then it would go from full power to dead in less than a lap. Not one that gets slower every lap as some cells lose their charge before others.

The only way to get this type of battery pack is to go through thousands of cells that have been cycled repeatedly until their capacity and voltage output stabilizes, and then test each cell by charging and discharging, record the data and then match the cell's specs until you have 6 cells with the same run time, average voltage, and internal resistance.

Trinity takes this whole process one step further as we put all our cells through our three tier process which tests each at 20, 25 and 30 amps. This allows us to take the cells with the best 20 amp performance for our Sport-Tech packs, the best performing cells at 25 amps go into Race-tech packs while the best cells at 30 amps become World-Tech and VIS EX-TRA. This also weeds out any weak cells along the way, so they do not wind up in your battery pack.

This three tier methods allows us to give you a cell that will perform the best at the amp loads you are most likely to subject it to out on the track. A Sport-Tech pack performs great with stock motor loads, while a Race-Tech is excellent for machine wound modifieds like the Speed Gem 2 or GT-1/GT-2 series. If you do all out modified class racing you need a pack that will perform the best at amp loads in the 30 amp range and that is covered by World-Tech and VIS-EXTRA packs.

All EX-Tech Matched battery packs have a sticker on the outside of the box that reflects the specs of the lowest cell in the pack. With Trinity battery packs you get no surprises when you open the box. We want you to exactly know the numbers on your battery pack before you spend your money. Now this sticker will show the standard capacity and voltage output numbers we normally use, (20 amp Sport-Tech, 25 amp Race-Tech and 30 amp World-Tech and VIS EX-TRA), but will also show the numbers at 20 amps so it is easier to compare battery pack numbers if you are only familiar with 20 amp numbers.



Trinity VIS EX-TRA Battery Packs,

have once again proven to be the best in the world, in the most important race in the world...the IFMAR World Championships. These voltage enhanced cells powered Brian Kinwald to his second World Championships at the Ranch Pit Shop against the 150 best racers in the world, running the best equipment in the world.

The VIS-EXTRA processing was developed by Trinity in the USA to increase the voltage output of the Sanyo RC-2000 and new RC-1700 cells. The processing when applied during the cell's cycling and matching stages permanently alters the internal make-up of the cell resulting in a higher voltage output throughout the cells discharge cycle. This voltage increase means more power with no loss of run time. In fact in many cases increases in run time have also been observed.

Trinity VIS EX-TRA cells come from the same cell pool from which we make up our World-Tech battery packs, so only the finest cells available in R/C are used. These cells have already been through 20, 25 and 30 amp cycling stages to insure that their discharge curves and output will be suitable to the type of racing they will eventually see in your R/C car.



EX-TECH MATCHED RC-1700 CELLS

UNASSEMBLED

330-339 sec., 1.13-1.15V @30 amp
 Charge Rate: 6.0A Voltage Cutoff: .90V
 EXS1774 20 Amp SportTech 4 Cell RC-1700 •\$39.99
 EXS1776 20 Amp SportTech 6 Cell RC-1700 •\$59.99

270-276 sec., 1.10-1.12V @30 amp
 340-346 sec., 1.13-1.15V @20 amp
 Charge Rate: 5.0A Voltage Cutoff: .90V
 EXR1774 25 Amp Race-Tech 4 Cell RC-1700 •\$49.99
 EXR1776 25 Amp Race-Tech 6 Cell RC-1700 •\$74.99

230-235 sec., 1.07-1.09V @30 amp
 347-355 sec., 1.15-1.17V @20 amp
 Charge Rate: 4.0A Voltage Cutoff: .85V
 EXW1774 30 Amp World-Tech 4 Cell RC-1700 •\$59.99
 EXW1776 30 Amp World-Tech 6 Cell RC-1700 •\$89.99

SPORT-TECH ASSEMBLED

These Sport-Tech cells come assembled in 6 cell sticks, with Tamiya style battery connectors.
 330-339 sec., 1.13-1.15V @30 amp
 Charge Rate: 6.0A Voltage Cutoff: .90V
 EXS1776A SportTech 6 Cell Sanyo RC-1700 MAH •\$69.99

VIS EX-TRA MATCHED CELLS

UNASSEMBLED

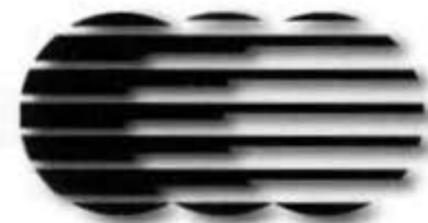
230-235 sec., 1.07-1.09V @30 amp
 347-355 sec., 1.15-1.17V @20 amp
 Charge Rate: 4.0A Voltage Cutoff: .85V
 VIS1774 4 Cell VIS EX-TRA RC-1700 •\$69.99
 VIS1776 6 Cell VIS EX-TRA RC-1700 •\$99.99

VIS EX-TRA TEAM ASSEMBLED BATTERY PACKS

Assembled just like our team drivers do. Cells covered with clear shrink and assembled with lennon lugs. Cells are not glued together so the pack can be taken apart to rematch.
 230-235 sec., 1.07-1.09V @30 amp
 347-355 sec., 1.15-1.17V @20 amp
 Charge Rate: 4.0A Voltage Cutoff: .85V
 VIS1778 6 Cell RC-1700 Side by Side, (Buggies) •\$114.99
 VIS1779 6 Cell RC-1700 Saddle, (On-road cars, XX-4) •\$114.99



RC-2000 Matched/VIS EX-TRA Packs



ASSEMBLED RC-1700 PRO RACING PACKS

All Trinity battery packs are assembled by Epic Energy Labs on the latest computerized robotics welding equipment. This insures a perfect weld every time for the least possible resistance. All stick and hump packs use heavy duty battery tubes and endcaps to protect the cells from damage in the worst of off-road racing conditions. Super flexible heavy duty pure 14 Awg. copper leads and Tamiya style connectors guarantee getting all the possible power to your speed control and motor.

6 CELL FLAT

RC1778 RC-1700 Racing Pack •\$49.99

7 CELL FLAT

RC1779 RC-1700 Racing Pack •\$59.99

7 CELL HUMP

RC1780 RC-1700 Racing Pack •\$59.99

6 CELL LTO FOR SUPER SPEEDWAY CARS/BUGGIES

RC1781 RC-1700 Racing Pack •\$51.99

7 CELL LTO FOR DIRT OVAL/BUGGIES

RC1782 RC-1700 Racing Pack •\$59.99

6 CELL SADDLE FOR ON-ROAD CARS

RC1783 RC-1700 Racing Pack •\$51.99

EX-TECH MATCHED RC-2000 CELLS

UNASSEMBLED

375-383 sec., 1.12-1.13V @ 20 amp

Charge Rate: 6.0A Voltage Cutoff: .90V

EXS204 20 Amp Sport-Tech 4 Cell RC2000 •-\$49.99

EXS206 20 Amp Sport-Tech 6 Cell RC2000 •-\$73.99

305-315 sec., 1.10-1.12V @ 25 amp

384-394 sec., 1.13-1.14V @ 20 amp

Charge Rate: 5.0A Voltage Cutoff: .90V

EXR204 25 Amp Race-Tech 4 Cell RC2000 •-\$56.99

EXR206 25 Amp Race-Tech 6 Cell RC2000 •-\$89.99

260-267 sec., 1.08-1.09V @ 30 amp

395-405 sec., 1.13-1.14V @ 20 amp

Charge Rate: 4.0A Voltage Cutoff: .85V

EXW204 30 Amp World-Tech 4 Cell RC2000 •-\$65.99

EXW206 30 Amp World-Tech 6 Cell RC2000 •-\$98.99

SPORT-TECH ASSEMBLED

These Sport-Tech cells come assembled in 6 cell sticks, with Tamiya style battery connectors.

375-383 sec., 1.13-1.14V @ 20 amp

Charge Rate: 6.0A Voltage Cutoff: .90V

EXS200A Sport-Tech 6 Cell Sanyo RC-2000 MAH •-\$85.00

VIS EX-TRA MATCHED CELLS

UNASSEMBLED

260-267 sec., 1.10-1.12V @30 amp

395-405 sec., 1.15-1.17V @20 amp

Charge Rate: 4.0A Voltage Cutoff: .85V

VIS2004 4 Cell VIS EX-TRA RC-2000 •-\$81.99

VIS2006 6 Cell VIS EX-TRA RC-2000 •-\$124.00

VIS EX-TRA TEAM ASSEMBLED BATTERY PACKS

Assembled just like our team drivers do. Cells covered with clear shrink and assembled with lennon lugs. Cells are not glued together so the pack can be taken apart to rematch.

260-267 sec., 1.10-1.12V @30 amp

395-405 sec., 1.15-1.17V @20 amp

Charge Rate: 4.0A Voltage Cutoff: .85V

VIS2008 6 Cell RC-2000 Side by Side, (Buggies) •\$139.99

VIS2009 6 Cell RC-2000 Saddle, (On-road cars, XX-4) •\$139.99

All run time and average voltage figures listed are averages based on the past performance of the Sanyo product. Trinity can not always guarantee these numbers due to variations in the date codes of Sanyo cells.

BRIAN KINVALDS NOTEBOOK: assembling battery packs

I have found that the way you assemble your battery pack actually can make a difference in the power you get from it.

First it is important to use good battery bars like the Trinity RC5097 "Lennon Lugs". These pure copper bars will carry all the current your pack can dish out, plus they are contoured to fit on Sanyo RC-2000 and RC-1700 cells better. Always use a good solder and a real hot iron. I like the Ungar irons. A hot iron will allow you to make the solder joint faster and better without over heating the cell.

When you assemble your pack you want to try and make as good a connection between the battery bar and the cell as possible. A mechanical connection conducts electricity better then solder does. I do this by not tinning the cell or the bar. I make sure the bar sits perfectly flat on the cell and I press it down with a screwdriver really hard while soldering it on the outside edge. Some solder will sneak under the bar but it mostly will be a mechanical connection.

Always try to do the same thing when you solder on your leads, or jumper wires. Try to get as much contact between the wire and the cell. Do not blob up a lot of solder and just have the wire holding on by a bridge of solder.

Careful assembly and soldering can lead to lower resistance and more power. And remember always hardwire your car and forget about plugs, they have too much resistance!

Assembled Sport Packs



ASSEMBLED RC-2000 PRO RACING PACKS

6 CELL FLAT		
RC5908	EX-Tech Sanyo 2000 MAH	•-\$75.00
7 CELL FLAT		
RC5912	EX-Tech Sanyo 2000 MAH	•-\$89.99
7 CELL HUMP		
RC5915	EX-Tech Sanyo 2000 MAH	•-\$89.99
6 CELL LTO FOR SUPER SPEEDWAY CARS/BUGGIES		
RC5918	EX-Tech Sanyo 2000 MAH	•-\$78.00
7 CELL LTO FOR DIRT OVAL/BUGGIES		
RC5921	EX-Tech Sanyo 2000 MAH	•-\$91.99
6 CELL SADDLE FOR ON-ROAD CARS		
RC5923	EX-Tech Sanyo 2000 MAH	•-\$78.00



STREET SPEC

SS2224	Street Spec 6 Cell EX-Spec Pack	\$23.99
SS2227	Street Spec 4 Cell EX-Spec Pack	\$17.99

7 CELL FLAT PACKS

RC5910	Amp Max 1400 Plus, 1400 MAH	\$28.99
RC5926	Thunder Sport VIS EX-TRA	•\$35.99

7 CELL HUMP PACKS

RC5913	Amp Max 1400 Plus, 1400 MAH	\$29.45
RC5927	Thunder Sport VIS EX-TRA	•\$35.99

6 CELL LTO PACKS FOR SUPER SPEEDWAY CARS/BUGGIES

RC5916	Amp Max 1400 Plus, 1400 MAH	\$22.99
RC5928	Thunder Sport VIS EX-TRA	•\$30.99

7 CELL LTO PACKS FOR DIRT OVAL/BUGGIES

RC5919	Amp Max 1400 Plus, 1400 MAH	\$28.99
RC5929	Thunder Sport VIS EX-TRA	•\$35.99

6 CELL SADDLE PACKS FOR ON-ROAD CARS

RC5930	Thunder Sport VIS EX-TRA	•\$30.99
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RECEIVER PACKS

High quality transmitter and receiver battery packs for all your R/C needs. Whether you race gas cars or fly 1/4 scale airplanes we have a battery pack for your needs.

RECEIVER PACKS FOR 1/10 & 1/12 SCALE CARS

RC5093	5 Cell, Novak Plug, 50 MAH	\$35.00
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RECEIVER PACKS WITH LEADS, (NO PLUGS)

AP112	5 Cell	600AE	6V 600mAh	Sq	\$22.99
AP113	5 Cell	1000SCR	6V 1000mAh	Flat	\$33.25

RECEIVER PACKS WITH FUTABA J PLUGS

4 Cell					
AP300	4 Cell	270AA	4.8V 270mAh	Sq	\$19.99
AP301	4 Cell	600AE	4.8V 600mAh	Flat	\$21.99
AP302	4 Cell	600AE	4.8V 600mAh	Sq	\$21.99
AP303	4 Cell	1100AEL	4.8V 1100mAh	Sq	\$37.50
AP304	4 Cell	1400SC	4.8V 1400mAh	Sq	\$37.50
AP305	4 Cell	1500SC	4.8V 1500mAh	Sq	\$37.50
5 cell					
AP114	5 Cell	600AE	6V 600mAh	Hmp	\$34.65
AP115	5 Cell	600AE	6V 600mAh	Flat	\$34.65
AP116	5 Cell	1100AEL	6V 1000mAh	Flat	\$49.99
AP117	5 Cell	1100AEL	6V 1000mAh	Hmp	\$49.99

TRANSMITTER PACKS

8 CELL WITH LEADS

AP008	8 Cell	600AA	9.6V 600mAh	Flat	\$31.99
AP009	8 Cell	600AA	9.6V 600mAh	Sq	\$31.99
AP306	8 Cell	800AAE	9.6V 800mAh	Flat	•\$41.99



The Thunder Sport features cells that have been put through the Trinity VIS EX-TRA processing to increase their voltage output. More voltage means higher speeds while still being affordable to the weekend street and casual sport class racer. Thunder Sport like all Trinity assembled battery packs are produced by our in house fully automated battery assembly division EPIC Energy. All packs are precision welded on our computerized robotic welders for a perfect weld every time.

Only the highest grade nickel tabbing and silicone wire is used for the lowest possible resistance. Battery tubes and heavy duty shrink wrap keeps your pack together even in the worst crash. Tamiya style connectors are installed so your pack can plug right into all the most popular speed controls.

1400/1500/SPEC SPORT PACKS

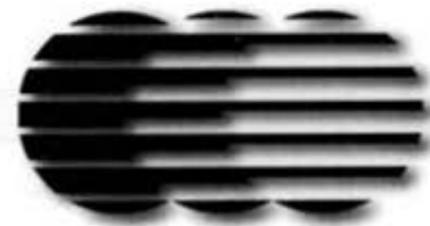


6 CELL SPORT PACKS

RC5904	Amp Max 1400 Plus 1400 MAH	\$22.99
RC5909	EX-Tech Sanyo 1500 Plus	\$31.00
RC5925	Thunder Sport VIS EX-TRA	•\$29.99
ESP1500	Epic 1500 MAH Plus Sport Pack	•\$29.99



Battery Accessories



HIGH VOLTAGE TRANSMITTER PACKS

Both the Futaba and Airtronics radios were designed to operate on 8 dry cell batteries which produce 1.5 volts per cell for a total operating voltage of 12 volts. When you replace these dry cells with a "AA" rechargeable cells which put out only 1.2 volts per cell you are now operating your radio on 9.6 volts. This low voltage can sometimes contribute to power, range and frequency problems. To help eliminate this problem we have developed a 9 cell rechargeable pack for both of these popular radios. These packs increase the voltage to 10.8 volts which is a lot closer to the 12 volts the radio was designed to operate on.



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| RC5559 | Airtronics 9 Cell TX Pack w/plug, 10.8 v | \$55.99 |
| RC5560 | Futaba Magnum 9 Cell Transmitter Pack | \$55.99 |

ASSORTED BATTERY PACKS

- | | | |
|--------|--------------------------------------|----------|
| RC5760 | 8 Cell Turbo Pack, Tyco cars | \$39.99 |
| RC5619 | Clod Buster Battery, 6 cell 4400 Mah | \$115.00 |

BATTERY ACCESSORIES



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|--------|---|--------|
| RC5002 | Battery Building Jig
<i>This is the only battery jig designed for the new "bigger" Sanyo RC-2000 and RC-1700 cells. Does not spread apart and allow cells to move while soldering your battery pack. Easy to use. Breaks down in seconds for easy storage in your pit box.</i> | \$9.99 |
| RC5004 | Rosin Soldering Flux
<i>Excellent flux for soldering battery packs and all electrical components.</i> | \$4.99 |
| RC5012 | 30 Ohm Discharge Resistors
<i>Put across battery leads after discharging pack to slowly final discharge and equalize cells. Works killer on Street Spec battery packs. Leave on Street Spec packs between races.</i> | \$2.99 |
| RC5018 | Solder, This is the best solder for packs | \$1.99 |
| RC5101 | Battery Washers, go over the ends of cells | \$2.00 |
| RC5102 | Stick Pack Building Kit
<i>Everything you need to build your own stick packs: shrink, battery tube, endcaps, tabbing, wire and connectors.</i> | \$4.99 |
| RC5104 | Saddle Pack Building Kit
<i>Comes with everything to build saddle or side x side packs: single cell shrink, Lennon Lugs, wire jumper, battery washers and solder.</i> | \$6.99 |



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|--------|---|---------|
| RC5009 | Memory Buster Battery Discharge Board
<i>New battery discharger for 6 cell side by side or saddle packs. LED shows state of discharge. Eliminates any memory in battery pack. New resistor values for quicker discharge. The only battery discharger designed for the Sanyo RC-2000 and RC-1700 cells.</i> | \$29.99 |
|--------|---|---------|



- | | | |
|--------|--|---------|
| RC5097 | Lennon Lugs, Copper Battery Bars
<i>Now upgraded to fit over the shrink on the ends of the Sanyo RC-2000 cells. 100% pure copper, low resistance, light weight.</i> | \$4.99 |
| RC5098 | Same as above but 25 pieces | \$11.50 |



- | | | |
|--------|--|--------|
| RC7027 | Pack Pillows
<i>These self stick foam cushions attach to your buggy and truck chassis under the battery pack to help hold it in place. Keeps the battery and chassis from getting all scraped up from the battery pack moving around. Fits all Losi, Traxxas and Associated 2wd buggies and trucks.</i> | \$3.29 |
|--------|--|--------|

PLUGS & CONNECTORS

- | | | |
|--------|--|--------|
| RC6020 | Tamiya Connector W/Wires | \$3.99 |
| RC7011 | Tamiya Plugs W/out Wire | \$2.69 |
| RC5074 | No Solder Leads W/Connectors, for motors
<i>These leads press right on to the tabs on all stock and modified motors. No need to solder on motor wires. Bullet connectors fit Novak and Tekin Speed control bullet connectors.</i> | \$3.99 |
| RC5080 | No Solder Leads W/Bare End, no connectors
<i>Same as above but without the bullet connectors.</i> | \$3.99 |
| RC5041 | Futaba J Plug W/Wire | \$4.99 |

SHRINK WRAP FOR SINGLE CELLS

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|--------|-----------------------------|--------|
| RC5075 | Clear Precut 1.5" (20 pcs) | \$1.25 |
| RC5166 | Clear Precut 1.5" (100 pcs) | \$4.99 |

FOR 6 CELL STICK PACKS

- | | | |
|--------|----------------------------|--------|
| RC5167 | Clear Precut 2.5" (6 pcs) | \$1.50 |
| RC5168 | Clear Precut 2.5" (25 pcs) | \$4.99 |

FOR SADDLE OR 7 CELL FLAT PACKS

- | | | |
|--------|--------------------------|--------|
| RC5173 | Clear Precut 3" (6 pcs) | \$1.75 |
| RC5174 | Clear Precut 3" (25 pcs) | \$5.75 |

FOR 7 CELL HUMP PACKS

- | | | |
|--------|----------------------------|--------|
| RC5169 | Clear Precut 3.5" (6 pcs) | \$1.99 |
| RC5170 | Clear Precut 3.5" (25 pcs) | \$5.99 |

Hook Up Wire/Ball Bearing Sets

HOOK UP WIRE

RC5140	Pro Cable Red and Black (14awg 2')	\$3.99
RC5141	Pro Cable Red and Black (14awg 10')	\$15.16
RC5160	Pro Cable, Red and Black (16awg, 2')	\$2.29
RC5161	Pro Cable, Red and Black (16awg, 10')	\$7.99
RC5006	13 Awg Silicone Wire 3' Blue	•\$4.99
RC5007	13 Awg Silicone Wire 3' Black	•\$4.99
RC5008	13 Awg Silicone Wire 3' Red	•\$4.99
RC5013	13 Awg Silicone Wire 10' Blue	•\$14.99
RC5014	13 Awg Silicone Wire 10' Black	•\$14.99
RC5015	13 Awg Silicone Wire 10' Red	•\$14.99
RC5005	Speedo Wiring Kit	•\$4.99

One foot each of 13 Awg blue, black and red silicone jacketed pure copper wire for rewiring your speed controls or battery packs.



CHRIS BING'S NOTEBOOK:

1/2 weight shock oil

Team Kinwald Half Weight Shock Oil is a must for me and every other Trinity Team driver at the track. I never go to a race, no matter what size, without a bottle of each Half Weight oil in my tool box, (27.5, 32.5, 37.5, 42.5).

Finally there is no more guessing how much of each oil to mix together, its already done, and its the same each and every time you use it!

Now at club races I can adjust my car in small increments with just a change of oil to help tune my car in less time to go faster. You can make a small change on one end of the car without it affecting the other end.

At World and National level races it gives me the opportunity to make finer tuning adjustments to the dampening of my shocks and that result in faster lap times.

Trinity Half Weight Shock Oils are a must for any racer at any level of competition!

See you guys at the track!....Chris

ANTENNAS

RC6010	Fiberglass Roll Over Antenna, 1/12th scale	\$6.99
RC6030	Fluorescent Antenna Tubes, 4 pieces	\$1.99

BALL BEARING SETS

BUGGIES

RC7871	Associated B2 Buggy Bearing Set	\$73.99
RC7872	Associated B2 Sport Buggy Bearing Set	•\$73.99
RC7874	Associated B3 Buggy Bearing Set	•\$73.99
RC7878	Losi XX-CR Buggy Ball Bearing Set	•\$73.99
RC7879	Losi XX-CR Transmission Ball Bearing Set	•\$42.99
RC7884	Team Losi XX-4/Street Weapon Ball Bearing Set	•\$99.99

TRUCKS

RC7870	RC10 T2 Ball Bearing Set	\$73.99
RC7873	RC10 T2 Sport Ball Bearing Set	•\$73.99
RC7883	RC10T3 Ball Bearing Set	•\$73.99
RC7882	Team Losi XXT-CR Bearing Set	•\$73.99

ON-ROAD CARS

RC7886	Assoc. 10L2 1/10th On-Road Bearing Set	•\$58.99
RC7887	Assoc. 10L2O 1/10th Speedway Bearing Set	•\$58.99
SS2021	Street Spec Bearing Set	\$47.99
SB5100	Switch Blade 10 On-Road Bearing Set	\$58.99
SB5101	Switch Blade 10 Speedway Bearing Set	\$58.99
SB5102	Switch Blade 12 Ball Bearing Set	•\$58.99

BODY ACCESSORIES

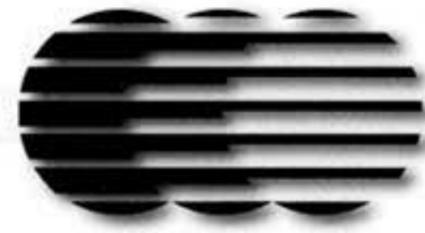
RC6002	Bent Up Body Clips	\$2.49
	<i>Extra thick these stay in better. Bent up ends make them easy to remove. 5 pieces.</i>	
RC6002B	Bent Up Gold Body Clips Bulk, 25 pieces	\$8.99
RC6003	Nylon Body Hole Washers	\$1.25
	<i>Use these on your body posts when the holes in the body start to get worn. Keeps body mount from coming through body.</i>	
RC6008	Purple Aluminum Wing Buttons	\$3.99
	<i>Easy way to mount wing wire to your wing. Adjustable from the top.</i>	
RC6062	Body Blast, in pump sprayer, non aerosol	\$4.99
	<i>Spray cleaner for all Lexan bodies. Cleans, polishes, removes wall and tire scuffs along with paint overspray, old sticker glue, and detailing lines. Gives your bodies that concourse winning look.</i>	
.RC6011	Purple Aluminum Pro Wing Buttons	\$4.49
	<i>These wing buttons allow you to use 2 easy to bend wing wires and a straight piece of piano wire for your wing mounting wire instead of trying to bend the tricky "U" piece of wire. Easy to adjust, everything locks in place with set screws. Makes a stronger set-up then using the old "U" piece of wing wire.</i>	



TK3034	Team Kinwald Blue Pro Wing Buttons	\$4.49
RC6012	Pro Buttons W/Bent Wire for chassis mount	\$5.49
	<i>Same as above but with all the wire cut and bent to mount your wing to a pan car chassis.</i>	
RC6013	Pro Buttons W/Bent Wire for body mount	\$5.49
	<i>Same as above but with wire bent to mount to a super speedway body.</i>	
RC8027	Team Kinwald Low Profile Wing Mounting Kit	•\$5.49
	<i>Mount your wing low in the back like Brian and Greg do for better handling. Kit comes with blue wing buttons, prebent wire and a template for trimming your Team Losi wing.</i>	



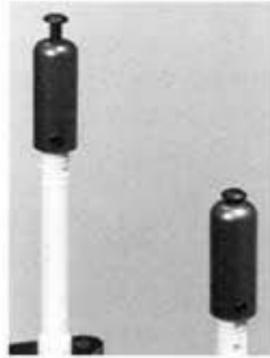
Body Accessories/Pinion Gears



- RC6040 Body Cushions, 6 pieces \$2.29
Self sticking foam body washers. Stick these to the inside of your body over the mounting holes to protect body and cut down vibration. Keeps speedway bodies from rattling around.
- RC6100 Econo Body Clips, 6 pieces \$1.25
Flat wire body clips.
- RC6111 Joel Johnson Transponder Mount •\$3.75
Lexan mount fits all on-road, touring and most off-road cars. Easiest and safest way to mount the transponder. Check the picture of the Switch Blade 12 in the car section to see how easy and convenient this mount is to use. Attaches with servo tape.

SCREW-ON BODY MOUNTS

These are the body mounts all the professional racers use on their on-road and super speedway cars. Easily adjustable and they hold the body on with a small button head screw instead of a clip. Better aerodynamics and no chance of losing that body clip in a wreck. Available in sizes for on-road, touring and super speedway style bodies.



- RC6041 Speedway Adjustable Body Mounts \$13.99
Two 2" and Two 3" threaded posts
- RC6042 Replacement 2" Threaded Posts, 4 pcs \$5.99
- RC6043 Replacement 3" Threaded Posts, 4 pcs \$6.59
- RC6044 Replacement 4" Threaded Posts, 4 pcs \$6.59
- RC6046 GTP Body Mounts \$14.99
Four 1.5" threaded posts
- RC6047 Touring Car Body Mounts \$12.99
Two 3", Two 4"
- RC6048 Replacement 1.5" Threaded Posts, 4 pcs \$5.99
- RC6049 Replacement Aluminum Post Top 2 pc +\$4.99
- RC6054 4-40 X 1/4 Screws For Body Mount Tops, 6 pcs \$0.99



- RC6051 EX-Pen \$17.99
2 sided thick and thin body detailing pen. Great for doing body lines and lettering bodies. Black. 6 pieces.
- RC6060 EX-Pen, 1 piece \$2.99



- RC7023 Curved Lexan Body Scissors \$9.99
Curved scissors for trimming Lexan R/C car bodies.
- RC7079 Shock Tower Wing Mounts, SB10, RC10 \$5.50
Allows mounting of wings to buggy graphite shock towers and to upper pod plates on on-road pan cars.



- RC8020 1/10th Speedway Tri-Vent Wing \$4.99
New super speedway wing gives more traction without increased drag. Adjustable rear Gurney flap.

- RC8021 Tri-Vent Wing Kit \$10.99
Includes wing, wing buttons, and pre-bent wing wires
- RC8023 Speed Control Mount, for "T" bar chassis \$5.99
This mount fits over T bar on Switchblade 10ss and other T bar cars and allows you to mount the speed control in the center of the car moving more weight to the left side. Also moves speedo closer to motor and batteries so shorter wires can be used.

BUMPERS

- SB5307 SB10SS Carbon Fiber Front Bumper •\$17.99
- RC7024 1/12th or 1/10th Super Speedway Foam Bumper \$4.49
- RC7025 1/10th On-Road or Wide Oval Foam Bumper \$4.99
- RC7026 Black Kydex Bumper Blank, 3 1/2 x 11" \$7.99
- RC7028 Wide RC10 Front Bumper \$8.99
- TA112 Foam Bumper for Tamiya TA-03 Touring Car \$4.99
- TK3033 Street Weapon Foam Bumper •\$5.99

DIFFERENTIAL & REAR AXLE PARTS

- RC0110 Super Differential Balls, Grade 10, 16 pcs \$2.79
- RC0110B Super Differential Balls Bulk, 100 pcs \$12.99
- RC0114 Differential Rings, 6 pcs \$3.50
- RC0118 Diff Pinning Kit, drill bit, post etc., \$5.99
- MM600 Notched Differential Rings, 1 pr \$3.99
- MM2000 1/4" Thin Axle Shims, On-Road rear axles 10 pc \$1.99
- MM2001 1/8" Thin Axle Shims, 1/12th front axles 10 pc \$1.99
- SB5085 .050" Aluminum Rear Axle Shims W/Shoulder, pr •\$1.59
- SB5086 .100" Aluminum Rear Axle Shims W/Shoulder, pr •\$1.59
- SB5087 .150" Aluminum Rear Axle Shims W/Shoulder, pr •\$1.59

GEARS, PINIONS

MAGIC MOTORSPORTS, ZERO GRAVITY™

The most popular pinion gears in R/C car racing. These pinions are top hobbled from 6061 T6 aircraft aluminum and meet A.G.M.A. 48 standards. We use a proprietary aerospace coating which is extremely wear resistant, and it contains teflon for a very low coefficient of friction. This super hard coating makes these pinions wear almost as long as a steel pinion but with just a fraction of the weight. All pinions will have the tooth size on the side of the shaft and come with a set screw. Zero Gravity pinions will give you the most efficient lowest drag gear mesh possible regardless of what spur gear you use!

Now all 48 pitch pinions come with 5/40 set screws for better bite on the motor shaft. Uses standard 1/16th wrench!

48 PITCH ZERO GRAVITY PINIONS

- M4812 12 Tooth Pinion Gear \$5.99
- M4813 13 Tooth Pinion Gear \$5.99
- M4814 14 Tooth Pinion Gear \$5.99
- M4815 15 Tooth Pinion Gear \$5.99
- M4816 16 Tooth Pinion Gear \$5.99
- M4817 17 Tooth Pinion Gear \$5.99
- M4818 18 Tooth Pinion Gear \$5.99
- M4819 19 Tooth Pinion Gear \$5.99
- M4820 20 Tooth Pinion Gear \$5.99
- M4821 21 Tooth Pinion Gear \$5.99
- M4822 22 Tooth Pinion Gear \$5.99
- M4823 23 Tooth Pinion Gear \$5.99
- M4824 24 Tooth Pinion Gear \$5.99
- M4825 25 Tooth Pinion Gear \$5.99
- M4826 26 Tooth Pinion Gear \$5.99
- M4827 27 Tooth Pinion Gear \$5.99
- M4828 28 Tooth Pinion Gear \$5.99
- M4829 29 Tooth Pinion Gear \$5.99
- M4830 30 Tooth Pinion Gear \$5.99

64 PITCH ZERO GRAVITY PINIONS

M6415	15 Tooth Pinion Gear	\$5.99
M6416	16 Tooth Pinion Gear	\$5.99
M6417	17 Tooth Pinion Gear	\$5.99
M6418	18 Tooth Pinion Gear	\$5.99
M6419	19 Tooth Pinion Gear	\$5.99
M6420	20 Tooth Pinion Gear	\$5.99
M6421	21 Tooth Pinion Gear	\$5.99
M6422	22 Tooth Pinion Gear	\$5.99
M6423	23 Tooth Pinion Gear	\$5.99
M6424	24 Tooth Pinion Gear	\$5.99
M6425	25 Tooth Pinion Gear	\$5.99
M6426	26 Tooth Pinion Gear	\$5.99
M6427	27 Tooth Pinion Gear	\$5.99
M6428	28 Tooth Pinion Gear	\$5.99
M6429	29 Tooth Pinion Gear	\$5.99
M6430	30 Tooth Pinion Gear	\$5.99
M6431	31 Tooth Pinion Gear	\$5.99
M6432	32 Tooth Pinion Gear	\$5.99
M6433	33 Tooth Pinion Gear	\$5.99
M6434	34 Tooth Pinion Gear	\$5.99
M6435	35 Tooth Pinion Gear	\$5.99
M6436	36 Tooth Pinion Gear	\$5.99
M6437	37 Tooth Pinion Gear	\$5.99
M6438	38 Tooth Pinion Gear	\$5.99
M6439	39 Tooth Pinion Gear	\$5.99
M6440	40 Tooth Pinion Gear	\$5.99
M6441	41 Tooth Pinion Gear	\$5.99
M6442	42 Tooth Pinion Gear	\$5.99
M6443	43 Tooth Pinion Gear	\$5.99
M6444	44 Tooth Pinion Gear	\$5.99
M6448	48 Tooth Pinion Gear	\$5.99
M6450	50 Tooth Pinion Gear	\$5.99

TRINITY ZERO FRICTION SUPER SPURS™

New 48 Pitch super light, super strong Graphite filled spur gears designed to fit the Team Losi XX, XXT, XX-CR & XXT-CR. New composite material makes for a stronger tooth design which is more resistant to chipping and tooth failure under the rigors of off-road racing. The strongest off-road gear you can buy. All new tooth design, runs quieter, and makes more horsepower. These gears come in the sizes currently used by Brian Kinwald, Chris Bing and Matt & Mark Francis!



OFF-ROAD

SG084	84 Tooth, 48 Pitch Zero Friction Losi Spur Gear	\$3.99
SG087	87 Tooth, 48 Pitch Zero Friction Losi Spur Gear	\$3.99

New 64 pitch Graphite spur gears. Designed with lightening holes and new tooth pattern for less drag and longer gear life. Fits both "Stealth" and standard diffs for on-road and oval cars like the EV10, 10L, 12L, Switch Blade 10/12, Revolver 12 and Hyperdrive.

ON-ROAD

SG095	95 Tooth, 64 Pitch Zero Friction Spur Gear	\$3.99
SG100	100 Tooth, 64 Pitch Zero Friction Spur Gear	\$3.99
SG120	120 Tooth, 64 Pitch Zero Friction Spur Gear	\$3.99
SG128	128 Tooth, 64 Pitch Zero Friction Spur Gear	\$3.99

COMMUTATOR LATHES

Precision machined lathes for cutting stock and modified motor commutators. Stock lathe cuts the commutator through the brush hole in the endbell by removing the endbell hardware. Modified lathe is designed to cut your modified armature out of the motor setup. Both style lathes come with carbide bits. Diamond bits are available and cut the commutator cleaner and smoother but must be used with care as they are easily damaged if run into the commutator tabs or dropped.



KINWALD "HARD ONES" 48 PITCH PINIONS

New from Brian Kinwald's Team Kinwald is the new "Hard Ones" steel off-road pinions. Made to the Zero Gravity design, each pinion is case hardened to a guaranteed 5862 Rockwell C hardness. The hardening process of the material is consistent up to .0010 into the depth of the gear surface. This means the gear would have to be completely destroyed before it would lose its tooth form.

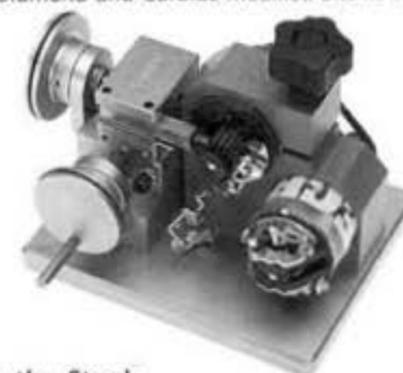
Now all 48 pitch pinions come with 5/40 set screws. Uses standard 1/16th wrench!

TK4812	12 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4813	13 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4814	14 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4815	15 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4816	16 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4817	17 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4818	18 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4819	19 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4820	20 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4821	21 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4822	22 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4823	23 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4824	24 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4825	25 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4826	26 Tooth Hard One 48 Pitch Pinion	\$4.99
TK4827	27 Tooth Hard One 48 Pitch Pinion	\$4.99



RC4104	Tru-Lathe Modified	\$225.00
RC4105	Tru-Lathe Modified Diamond Bit	\$85.99
RC4109	Modified Carbide Lathe Bit	•\$15.00

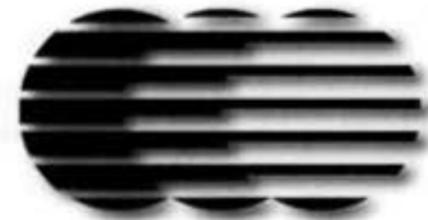
Both Diamond and Carbide modified bits fit Twister and Trinity lathes



RC4107	Tru-Lathe Stock	\$249.99
RC4106	Stock Lathe Diamond Tool Bit	\$99.99
RC4110	Stock Carbide Lathe Bit	•\$26.50
<i>Both Diamond and Carbide stock bits fit Trinity and Cobra lathes</i>		
RC4108	Replacement "O" Rings For All Lathes, 2 pcs	•\$1.49



Lubricants/Touring Car Accessories



LUBRICANTS, OIL, MOTOR SPRAY

TK2001 Formula '96 \$5.99

Specially formulated power drops for off-road stock and modified motors. Increases horsepower, while containing an agent that repels dirt from the commutator. Keeps commutator cleaner running, keeps the motor faster longer. Also excellent as a lubricant while breaking in brushes.



TK2002 Formula '96 refill, 2 ounces \$6.99

RC4024 Turbo Drops™, increases rpm's \$4.99

Trinity motor oil has been upgraded with new formulas and all new smaller easy to hang up packaging. Both our bushing and ball bearing oils have the formula changed incorporating some of the latest technology that has been developed in the field of lubricants. Longer lasting and less friction are the results. Now with PTFE added for less friction.



RC4025 Modified Motor Micro Oiler, bearings +\$4.99

Standard weight ball bearing oil for racing and general lubrication of all ball bearings in R/C cars. Long lasting, will not gum up or burn off.



RC4026 Stock Motor Micro Oiler, for bushings +\$4.99

Specially formulated oilite bushing oil. Lasts longer, makes motors run smoother and with higher rpm's. Does not gum up or burn off.

RC4051 Royal Oil, High Performance +\$4.99

Super light weight, low drag racing oil for all motor, wheel and axle bearings. Designed for lowest possible drag.

RC4040 Revtech Drops, increases motor rpm's \$4.25

Several drops on commutator before running increases performance of stock and modified motors. Increases rpm's and keeps commutator from burning.

RC4047 Revtech Drop Refill, 2 oz \$5.50

RC4049 Bushing Buster \$5.99

Several drops of Bushing Buster on your stock motors bushing while breaking it in will speed up the break in process.

RC4443 Brian Kinwald's Buggy Blast™ Cleaning Spray \$5.99

This is the best motor spray on the market and the only one we recommend for cleaning Trinity motors. Blended to be safe on plastics, yet strong enough to remove the toughest off-road dirt. Use it to clean shocks and suspensions. Used by Team Trinity & Team Losi exclusively!

RC4469 Motor Break In Drops \$3.99

A couple of drops on your motor brushes will speed up the break in process and keeps the commutator free of brush grime.

RC6062 Body Blast, in pump spray bottle \$4.99

Use body blast to clean, polish, remove old sticker glue and detailing lines from Lexan R/C car bodies.

RC6686 Hand Wash •\$2.99

Easy to use waterless hand cleaner for use at the track. Just a few drops on your hands removes tire traction, brush gunk and other assorted R/C dirt. Use it once and you will never race again without it.

TOURING CAR ACCESSORIES

HPI RS4/RS4 PRO



HP004 RS4-Pro Aluminum Motor Mount Brace •\$6.99

Purple anodized aluminum front motor mount brace for HPI RS4-RS4 Pro. Replaces plastic brace. Stiffens motor mount, makes car run smoother.

HP108 RS4-Pro Aluminum Wheel Adapters •\$13.99

Purple anodized aluminum super light weight wheel adapters. Four pieces.

TEAM LOSI STREET WEAPON

TK3001 XX-4/Weapon Steering Ball Bearings, 4 pcs •\$17.99



TK3009 XX-4/Weapon Rear Suspension Brace •\$8.99

Blue anodized aluminum.



TK3014 XX-4/Street Weapon Front Bulkhead •\$36.99

Blue anodized front bulkhead. Super strong, super front bearing alignment.

TK3015 Kinwald Purple Shock Shaft Seals •\$2.49

Replacement shock shaft seals for all Team Losi, Associated, HPI and Traxxas cars. Less friction and swelling. Shocks stay filled and smoother longer. 8 pieces.



TK1100 XX-4/Street Weapon light Weight Motor Heatsink •\$14.99

Blue anodized aluminum fits XX-4, Street Weapon and most other touring cars and buggies.



TK3027 XX-4/Street Weapon Motor Spacer •\$14.99

Replaces stock motor mount, Pulls heat away from motor. Keeps motor cooler running.

TRINITY IFMAR World Champions



Touring Car Accessories



TK3012 XX-4/Weapon Motor Mount Clamp •\$19.99
Blue anodized aluminum, keeps motor from moving, and absorbs more motor heat. Provision included for optional locking set screw.



TK3025 XX-4/Street Weapon Servo Mount •\$12.99
Blue anodized aluminum servo mount.



TK3028 XX-4 Weapon Monster Motor Heatsink •\$23.99
Special big heatsink for cooling the motor on the XX-4 or Street Weapon. Extra cooling capacity.



TK3033 Street Weapon Foam Bumper w/Body Post Holes •\$5.99

TK3035 Street Weapon Front & Rear Sway Bar Kit •\$10.99
Designed by Ellis Stafford and David Spashett for the Team Losi Street Weapon. Controls chassis lean in corners. Comes with everything you need for front and rear sway bars. Comes with 2 size wires for each end to dial in your Street Weapon for any track. Rear sway bar comes with .055 & .062 bars and front comes with .030 & .047 bars.

TAMIYA TA-03

Fits TA-03 4WD Touring Car. All purple aluminum parts are precision milled from super strong aluminum. Super light and super strong!



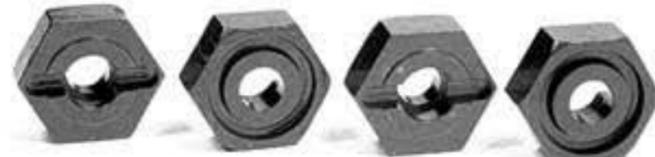
TA-100 Front Pivot Arm Plate-Under Cover Set, 2 pcs \$39.99



TA-101 Rear Pivot Arm Plate, 1 pc \$29.99



TA-102 Steering Assembly w/Ball Bearings, 9 pcs \$41.99



TA-108 Aluminum Wheel Adapters, 4 pcs \$13.99



TA-109 Servo Mounts, fits TA-02/TA-03, 4 pcs \$7.50

TA-110 4 Pin Motor Heatsink \$14.99

TA-111 Hard Coated Pulley Set \$19.99

TA-112 Foam Touring Car Bumper \$4.99

TA-113 Metric To American Pin Conversion •\$11.99

OFF-ROAD ACCESSORIES



RC6063 Off-Road Tire Balancer \$24.99

Balance your off-road tires at the track in seconds. Makes your buggy run smoother and faster.

RC6068 Extra Balancing Lead Tape, 6 inches \$0.99

RC7027 Pack Pillows \$3.29

Put on chassis under battery pack to keep pack from sliding around.

Protects pack and chassis.

RC7382 Precision 1/8" Hinge Pin Reamer •\$16.99

Reamer for hinge pins and suspension arms of off-road cars. Works great for on-road steering blocks and diff ball holes.

TEAM KINWALD DESIGNED OFF-ROAD PARTS

1997 World Champion Brian Kinwald has designed a complete line of super high quality aftermarket accessories for the most popular off-road vehicles. Many of these parts are items that could only be found on the team cars of Losi and Associated. Now they are available to all drivers.

TEAM LOSI XX-4

For photos of XX-4 parts turn to page 19 and look at Street Weapon touring car parts. Most parts are interchangeable. The ones that are are so marked.

TK1100 XX-4/Street Weapon Motor Heatsink •\$14.99

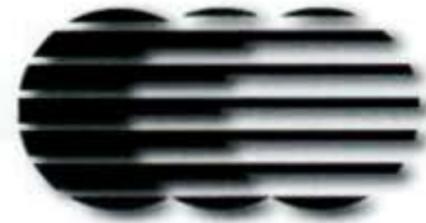
Blue anodized aluminum fits XX-4, Street Weapon and most touring cars.

TK3000 XX-4/Rear Sway Bar •\$11.99

Bolts on in seconds, no holes to drill. .093 and .078 wires.



Off-Road Accessories



- TK3016 XX-4/ .063 Sway Bar Wire. •\$2.39
Comes with prebent wire and top mount. Works with TK3000
- TK3017 .055 Sway Bar Wire •\$2.39
- TK3001 XX-4/Weapon Steering Ball Bearings, 4 •\$17.99
- TK3009 XX-4/Weapon Rear Suspension Brace •\$8.99
Blue anodized aluminum.
- TK3012 XX-4/Weapon Motor Mount Clamp •\$19.99
Blue anodized aluminum, keeps motor from moving, and absorbs more motor heat. Provision included for optional locking set screw.
- TK3014 XX-4/Street Weapon Front Bulkhead •\$36.99
Blue anodized front bulkhead. Super strong, super front bearing alignment.
- TK3025 XX-4/Street Weapon Servo Mount •\$12.99
Blue anodized aluminum servo mount.
- TK3027 XX-4/Street Weapon Motor Spacer •\$14.99
- TK3028 XX-4/Street Weapon Monster Motor Heatsink •\$23.99
Special big heatsink for cooling the motor on the XX-4 or Street Weapon. Extra cooling capacity.
- TK3029 XX-4/Weapon Aluminum Shock Bushing •\$6.99
Replaces plastic shock bushing. Fits all Team Losi off-road vehicles. Blue anodized. 4 pieces.
- TK3032 XX-4 Transponder Mount •\$2.99
Lexan transponder mount screws to shock tower with existing screws.

TEAM LOSI XX-CR XXT-CR



- TK3002 Team Kinwald XX Front Suspension Brace, •\$8.29
Strengthens front bulkhead in case of a crash. Fits all XX and XX-CR buggies and trucks.



- TK3003 Team Kinwald Double XX Rear Transmission Brace •\$7.99
Fits truck and buggies.
- TK3004 Team Kinwald Suspension Shim Set •\$4.99
- TK3080 XX-CR Wide Front Axles •\$5.99
These wider front axles widen the front track of your Team Losi XX-CR buggy for greater stability. Replaces stock axles.



- TK3029 Aluminum Shock Bushing XX-CR/XXT-CR •\$6.99
Replaces plastic shock bushing. Fits all Team Losi off-road vehicles. Blue anodized. 4 pieces.



- TK3030 XX-CR/XXT-CR Transmission Brace •\$15.99
New design Stabilizes mounting of transmission. Stiffens shock tower. Blue anodized aluminum.

TEAM LOSI GTX

- TK3008 Team Kinwald GTX Front Bulkhead Brace •\$9.99
- TK3010 GTX 2" Rear Toe In Suspension Mounts •\$29.99
Blue anodized aluminum.
- TK3011 GTX 4" Rear Toe In Suspension Mounts •\$29.99
Replaces plastic mounts on Team Losi GTX.
- TK3066 GTX Long Front Hinge Pins For Brace •\$2.99
Long front hinge pins for use with the Team Kinwald TK3008 GTX front suspension brace.
- TK3026 GTX Aluminum Servo Mounts •\$26.99

ASSOCIATED B3/T3



- TK3005 Team Kinwald B3/T3 Transmission Brace •\$12.99
Strengthens the mounting of the transmission and the shock tower. Keeps transmission case stiffer for a smoother running gear box.

TRAXXAS



- TK3021 Traxxas Front Suspension Brace •\$10.99
Keeps the front bulkhead from breaking in case of a big wreck. Fits Rustler, Stampede, Bandit, SRT and any car with 2530 front bulkhead

ALL OFF ROAD CARS

- TK3006 Team Kinwald Countersunk Buggy Washers •\$4.99
These countersunk washers let you use a flat head screw where a pan or button head screw is normally used. Used by Brian to get a bigger pressure area from the screws to hold things together tighter. Great to use under flat head screws that have started to pull through chassis.



- TK3031 Team Kinwald Blue Buggy Washers •\$7.39
Same as above but anodized blue.
- TK3015 Kinwald Purple Shock Shaft Seals •\$2.49
Replacement shock shaft seals for all Team Losi, Associated, HPI and Traxxas cars. Less friction and swelling.
- TK3020 Team Kinwald Cutman Big Boy Motor Screws •\$1.99
Hardened steel metric motor screws that use a wide base aluminum machined washer for a wider foot print. Uses standard 1/16th wrench which is included. Keeps motor from slipping. Fits all off-road touring and most on-road cars. Also works great for mounting spur gears on HPI cars.

ON-ROAD ACCESSORIES

- RE1014L Johnson Lightweight T Bar Pivot Balls •\$2.99
Aluminum pivot balls for Trinity and Associated T bars. Saves weight. One pair.
- SB5230 SB10 Wide Spring Steel T Bar •\$21.99
Spring steel has a much better memory than fiberglass and does not fatigue as quick. Keeps car much more consistent running. For high banked super speedways. Fits SB10ss and Associated 10Lss
- SB5231 SB10 Narrow Spring Steel T Bar •\$21.99
Same as above but more flexible. For flat carpet tracks or bumpy slippery concrete/asphalt tracks. Fits SB10 and Associated 10Lss

Shock Oil/Aluminum Screws

RE1080	.18 SB12/Assoc. 12L Short Front Spring Set	•\$1.99
RE1081	.20 SB12/Assoc. 12L Short Front Spring Set	•\$1.99
RE1082	.22 SB12/Assoc. 12L Short Front Spring Set	•\$1.99
RE1083	.24 SB12/Assoc. 12L Short Front Spring Set	•\$1.99

These short front springs fix the problem on 1/12th cars of too much spring in too little an area. Eliminates having way too much preload on Associated and Trinity front suspensions. Improves suspension operation.

SILICONE SHOCK OIL

100% pure silicone shock oil will not change weight regardless of conditions you have to race under. Special formula is resistant to temperature change and will not break down under use. No longer will you have to change your shock oil when the temperature drops right before the main. Used by legendary off-road stars Brian Kinwald, Chris Bing and Matt and Mark Francis in their Team Losi cars, along with Joel Magic Johnson, and David Spashett in their Switch Blade cars.

RC7610	10 Weight Silicone Shock Oil	\$3.50
RC7615	15 Weight Silicone Shock Oil	\$3.50
RC7620	20 Weight Silicone Shock Oil	\$3.50
RC7625	25 Weight Silicone Shock Oil	\$3.50
RC7630	30 Weight Silicone Shock Oil	\$3.50
RC7635	35 Weight Silicone Shock Oil	\$3.50
RC7640	40 Weight Silicone Shock Oil	\$3.50
RC7645	45 Weight Silicone Shock Oil	\$3.50
RC7650	50 Weight Silicone Shock Oil	\$3.50
RC7655	55 Weight Silicone Shock Oil	\$3.50
RC7660	60 Weight Silicone Shock Oil	\$3.50
RC7670	70 Weight Silicone Shock Oil	\$3.50
RC7680	80 Weight Silicone Shock Oil	\$3.50
RC7690	90 Weight Silicone Shock Oil	\$3.50
RC7100	100 Weight Silicone Shock Oil	\$3.50

HALF WEIGHT SILICONE SHOCK OIL

Brian Kinwald used these half weight shock oils in his Team Losi XX-CR buggy to win the IFMAR Off-Road World Championships. They allow for minor changes in your cars suspension dampening. Allows for changes on one end of the car without effecting the other end.



RC7627	27.5 Weight Pure Silicone Shock Oil	•\$3.50
RC7632	32.5 Weight Pure Silicone Shock Oil	•\$3.50
RC7637	37.5 Weight Pure Silicone Shock Oil	•\$3.50
RC7642	42.5 Weight Pure Silicone Shock Oil	•\$3.50

SILICONE LUBES

RC6009	Silicone In Squeeze Bottle, medium	\$4.99
RC0292	Silicone Differential Lube, light	\$5.99
RC4442	Pure Silicone Diff Lube, heavy	\$2.99
RC6050	Purple Stuff Dampener Lube, extra heavy	\$1.99

RC6070	Red Stuff Dampener Lube, heavy	\$1.99
RC6071	White Stuff Dampener Lube, medium	\$1.99
RC6072	Joel's Slippage On-Road Diff Lube	•\$5.99
	<i>Joel Johnson always uses this diff lube on all his nationals winning cars. Lasts longer, will not break down with use. Works great in damper tubes.</i>	
TK3070	Assembly Lube	•\$2.49
	<i>Use on aluminum and steel screws when assembling. Lets screws go in easier. Helps prevent aluminum screws from stripping.</i>	

SCREWS

PURPLE HARD ANODIZED ALUMINUM SCREW KITS

These purple aluminum screw kits lighten and dress up you off-road car. Kits include all "non stress" area screws and do not include all the screws for the car. Just the ones that our race team feel can safely be changed. When using aluminum screws always use assembly lube on screws to prevent stripping or breaking off screws in chassis components.



TRINITY

RC6065	On-Road Racers Screw Box	\$26.99
RC6067	Off-Road Racers Screw Box	\$26.99
RC6066	Screw Box Alone	\$5.99
SB5075	Switch Blade 10 On-Road	\$19.99
SB5076	Switch Blade 10SS Speedway	\$19.99
SB5078	Switch Blade 12	•\$19.99

ASSOCIATED

RC6080	RC12LC On-Road	•\$19.99
RC6081	RC10L2 On-Road	•\$19.99
RC6082	RC10L2O Super Speedway	•\$19.99
RC6083	RC10 B2/B3 Buggy	•\$18.99
RC6084	RC10T3 Truck	•\$18.99
EV0159	RC10T2 Truck	\$18.99

TEAM LOSI

EV0161	Losi XX-CR Buggy	•\$19.99
EV0162	Losi XXT-CR Truck	•\$19.99
EV0163	Losi GTX Gas Truck	•\$19.99

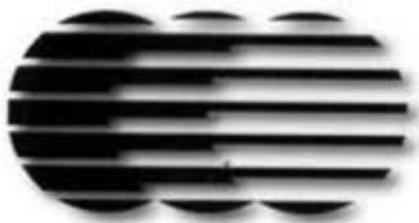
R/C TRANSMITTERS

RC6045	Transmitter Screw Kit	\$7.99
	<i>Fits Futaba/KO/JR/Airtronics</i>	

HARD ANODIZED PURPLE SCREWS AND NUTS

D1052	4-40x3/8 Cap Head Screws, 12 pc	\$4.99
D1053	4-40x3/8 Flat Head Screws, 12 pc	\$4.99
D1054	8-32x7/8 Flat Head Screws, 6 pc	\$2.99
D1055	4-40x1/4 Cap Head Screws, 12 pc	\$4.99
D1056	4-40x1" Cap Head Screws, 6 pc	\$2.99
EV0150	2-56x1/4 Button Head Screws, 12 pc	\$5.99
EV0151	8-32x5/8 Flat Head Screws, 12 pc	\$4.99
EV0152	4-40x1/2 Socket Head Screws, 12 pc	\$5.99
EV0153	4-40x1/2 Flat Head Screws, 12 pc	\$4.99
EV0154	4-40x3/4 Socket Head Screws, 12 pc	\$4.99
EV0143	4-40 Mini Lock Nuts, 8 pc	\$3.50
EV0143-25	4-40 Mini Lock Nuts, 25 pc	\$8.99
EV4054	8-32 Nuts, 8 pc	\$3.99
RE1044	4-40x1/4 Flat	\$4.99





TOOLS



RC4053 Comm Pen \$6.99
The comm pen is a handy tool for cleaning the commutator on stock and modified motors. Just turn the handle to expose the fiberglass cleaning stick. Insert into the brush hood and hold lightly against the commutator while turning over the armature by hand. Also works great for removing carbon build-up on the end of brushes. Use the Comm Pen after each run to keep your motor running like new.

RC4054 Comm Pen Refill, 1 pc \$1.59

RC4528 Motor Spring Post Wrench \$14.99
A must for rebuilding and cleaning motors. A necessity for cutting commutators on stock motors. Unscrews the spring post from the endbell so hardware can be removed.

RC6018 Wire Cleaning Brush \$4.75

RC5002 Battery Building Jig \$9.99

RC6063 Off-Road Tire Balancer \$24.99
Easy to use hand held tire balancer does the job in seconds. Balances off-road rear tires. Less vibration, more top speed and better handling. Ball bearings included.

RC6064 On-Road Tire Balancer \$24.99
Same as above but for on-road rear tires. Requires the use of a rear axle and wheel hub.

RC6068 Balancing Lead Tape Refill, 6 inches \$0.99

RC6069 Touring Car Tire Balancer \$25.99
Balances all touring car tires.

RC6686 Hand Wash \$2.99
Easy to use waterless hand cleaner for use at the track. Keeps your hands free of tire traction.

RC7020 Quad Wrench, 4 way nut driver \$5.29
The Quad Wrench has all the popular nut drivers built into one tool. 3/16, 1/4, 11/32 and 3/8". Fits all the nuts on your Team Losi or Associated buggy or truck! Never pick up the wrong tool again!



RC7021 Pro Brush Slotter \$49.99
Easily slot or cut your brushes to any shape you want. A must tool for the serious racer. Easy to adjust and use. Additional stock motor required.



RC7022 Precision Ride Height Adjuster Reamer \$39.99
This precision reamer when run through your rear ride height adjusters will make your ball bearings line up perfectly. Less friction for more top speed. Also reams out center of spur gear for perfect ball bearing fit.

RC7023 Curved Lexan Body Scissors \$9.99



RC7380 Ball End Wrench, fits Associated \$13.99
Tired of wrecking your finger every time you have to thread ball cups onto your turn buckles? This handy tool will hold the ball cup so the turnbuckle can easily be threaded into it.



RC7381 Ball End Wrench, fits Losi, RPM ball ends \$17.99

Same as above, but is dual ended to fit Team Losi and RPM ball ends.

RC7382 Precision 1/8" Hinge Pin Reamer \$16.99

Reamer for hinge pins and suspension arms of off-road cars. Reams holes the correct size so pins fit correctly and suspension works smooth and free. Works great for on-road steering blocks and diff ball holes.

RC7913 Brush Hood Alignment Tool \$12.99

Aligns the motor brush hoods on modified motors so they are in line which each other. This keeps the brushes wearing evenly and makes the timing the same on each side of the endbell.



RC7914 Valve O' Matic \$19.99

Small portable pin vise and drill bits for drilling holes in off-road shock pistons to tailor your shocks to any track surface. The bigger the hole in the piston the quicker reacting the shock will be.

TRINITY PRO WRENCHES

All new designed Pro Wrenches for the serious R/C racer. This purple anodized aluminum wrenches have a bigger easier to use handle and feature a new longer full length drill blank tip. Super hard tips on these wrenches are precision ground from hardened drill blanks. Almost impossible to strip. Super tight fit in screws to keep from stripping screw heads. Highly recommended for use with aluminum screws.

RC7363 .050 Pinion Set Screw Wrench \$12.99

Fits all 64 pitch R/C pinion gears and slot car spur gears and rear wheels.

RC7364 1/16th Wrench \$12.99

Fits 5/40 screws used in Losi and Trinity 48 pitch pinion gears. Also fits 4/40 flat head screws.

RC7368 5/64, (2mm) Wrench For Losi Cars \$12.99

Fits assorted screws on Losi buggies including the GTX and the heads on most gas truck engines.

RC7365 3/32 Wrench, fits 4/40 screws \$12.99

These are the most common screw sizes used in R/C cars.

RC7366 Metric Pinion Wrench \$12.99

Fits Tamiya and Kyosho pinions.

RC7367 2.5 mm Motor Wrench, fits motor screws. \$12.99

Standard size wrench for all motor mounting screws.

DRILL BLANK WRENCH TIPS

Fit all drill blank wrenches

RC6055 .050 Pinion Wrench Tips (1 pc.) \$6.99

RC6005 .050 Wrench Tips (6 pc.) \$39.99

RC7060 1/16th Wrench Tip \$6.99

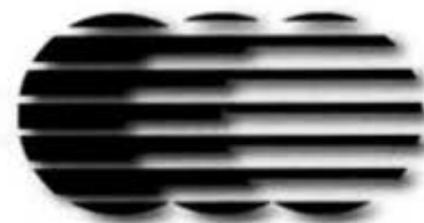
RC7064 5/64, (2mm) Wrench Tip \$6.99

RC7061 3/32 Wrench Tip \$6.99

RC7062 Metric Pinion Tip \$6.99

RC7063 Motor Screw Wrench Tip \$6.99





TEAM KINWALD HARD ANODIZED BLUE ALUMINUM SCREW KITS

These blue aluminum screw kits lighten and dress up your off-road car. Kits include all "non stress" area screws and do not include all the screws for the car. Just the ones that Brian and Greg feel can safely be changed. When using aluminum screws always use assembly lube on screws to prevent stripping or breaking off screws in chassis components.

TK3060	XX-CR Blue Aluminum Screw Kit	•\$21.99
TK3061	XXT-CR Blue Aluminum Screw Kit	•\$21.99
TK3062	XX-4 Blue Aluminum Screw Kit	•\$18.99
TK3065	Street Weapon Blue Screw Kit	•\$18.99

HARD ANODIZED BLUE SCREWS AND NUTS

TK3050	4/40 x 1/4, Flat, 2 pcs, (Losi 6213)	•\$4.99
TK3051	2/56 x 3/8 Button, 12 pcs, (Losi 6225)	•\$5.99
TK3052	4/40 x 3/8 Button, 12 pcs, (Losi 6229)	•\$4.99
TK3053	4/40 x 3/8 Cap, 12 pcs, (Losi 6206)	•\$4.99
TK3054	4/40 x 3/8 Flat, 12 pcs, (Losi 6210)	•\$4.99
TK3055	4/40 x 1/2 Cap, 12 pcs, (Losi 6204)	•\$5.99
TK3056	4/40 x 1/2 Flat, 12 pcs, (Losi 6220)	•\$4.99
TK3057	4/40 X 1 Cap 6 pcs, (Losi 6223)	•\$2.99
TK3058	4/40 Mini Lock Nut, 12 pcs, (Losi 6305)	•\$8.99
TK3059	10/32 Wheel Nut, 2 pcs, (Losi 6303)	•\$1.99
TK3063	Team Kinwald Off-Road Blue Screw Box	•\$27.99
	<i>Assortment of popular sized blue aluminum screws for all off-road car kits, in plastic storage box.</i>	
TK3070	Assembly Lube	•\$2.49
	<i>Use on aluminum and steel screws when assembling. Lets screws go in easier. Helps prevent aluminum screws from stripping.</i>	

SET SCREWS

RC0111	4/40 Set Screws For Pinions, 10 pc	\$2.25
RC0211	5/40 Screws For Losi/Trinity 48P Pinions, 10 pc	•\$2.99

SERVO MOUNTS



RC6053	Adjustable Purple Aluminum Mounts	\$10.99
	<i>Machined aluminum servo mounts for pan cars. Mounts servo at angle for servo saver clearance. Comes with mounting hardware.</i>	

SERVO TAPE

RC6000	Narrow Servo Tape, 3/4"	\$3.29
RC6001	Wide Servo Tape, 1 1/2"	\$3.79
RC6007	Wing and Spoiler Tape, super thin	\$2.99

TIE WRAPS

0672	Fluorescent Tie Wraps, 8" 16 pcs	\$2.49
0677	Mini Fluorescent Tie Wraps, 4" 25 pcs	\$2.59

TIRE TRACTION

TK2003	Team Kinwald Buggy Grip™ 2	\$7.99
	<i>Super conditioning agent for all off-road tires. Spray on your tires the night before you race to soften and condition the rubber. Right before you race you should spray Buggy Grip 2 on your tires to get the maximum traction.</i>	
TK2005	Replacement Spray Top for Buggy Grip	\$1.59



RC6073	Joel Johnson's Touring Car Tire Tamer	•\$8.99
	<i>Two part formula for cleaning and increasing traction of all rubber touring car tires. Also works on Off-road and capped tires. Part One cleans and Part Two makes tires naturally sticky.</i>	
RC6074	Tire Tamer Cleaner Refill, 8 ounce	•\$14.99
RC6680	Zip Grip™, universal traction	\$6.99
	<i>Zip Grip is our standard all around foam tire traction compound blended especially for the new "Natural" rubber compounds like pink, white, gold etc. Zip Grip provides traction and also conditions the rubber so its natural stickiness is enhanced. Easily lasts 8 minutes.</i>	
RC6683	Zip Grip Free™	\$6.99
	<i>Zip Grip Free is a traction we developed that works as well as Zip Grip, but does not contain any wintergreen. This is legal for races where odorless traction is required, especially in Europe.</i>	
RC6677	ProStik™, carpet tire traction	\$6.99
	<i>Excellent indoor tire traction. Works best with standard foam compounds like green, blue, orange, yellow.</i>	
RC6016	Magic Bite Red Dot™ outdoor fraction	\$6.99
	<i>Super sticky compound for outdoor racing with all types of foam tires. A must for slippery track conditions.</i>	



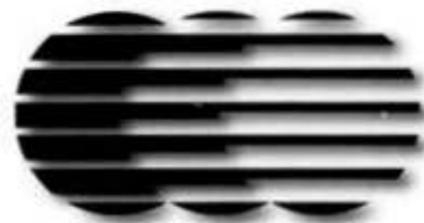
RC6684	Tire Tweak 2000™	\$6.99
	<i>Tire Tweak is a solution designed to soften and condition on-road foam tires. Apply to tires the night before to condition and soften rubber. Use on top of tire traction such as Zip Grip or Paragon to keep the traction from drying out. Improves traction formula performance, increases traction compound life on track. Use instead of suntan lotion. Works with standard and exotic rubber foam tires.</i>	
RC6685	David Spashett's Tangerine Tyre Tack™	•\$7.50
	<i>Non-wintergreen based tyre traction for foam and natural rubber on-road tyres. Developed by David Spashett especially for 6 cell 1/12th and 1/10th carpet racing. Super high traction yet it does not cause premature wear of tyres. Designed to last 8 minutes.</i>	

Did You Know Joels' 1997 Victories In Stock And Modified At The US Indoor Championships In Cleveland Were His 8th And 9th In The 18 Year History Of The Event?

You would have to take the next 6 drivers win totals and add them up to equal Joels domination of this event. Even more impressive is Joels string of 3 straight modified titles. Only 3 other drivers have ever been able to win more than once. They are Mike Lavacot, Ralph Burch and Terry Rott. All three have 2 victories to their name.



Image Enhancers



WING BUTTONS

RC6011	Purple Aluminum Pro Wing Buttons	\$4.49
TK3034	Team Kinwald Blue Pro Wing Buttons	\$4.49
RC6012	Pro Buttons W/Bent Wire for chassis mount	\$5.49
RC6013	Pro Buttons W/Bent Wire for body mount	\$5.49
RC8027	Team Kinwald Low Profile Wing Mounting Kit	•\$5.49

*For descriptions of the above please look under the body accessory section.

OFFICIAL TEAM SHIRTS

RC9701	Trinity Team '97 T Shirt, Large	*-\$15.00
RC9702	Trinity Team '97 T Shirt, X Large	*-\$15.00
RC9703	Trinity Team '97 T Shirt, XX Large	*-\$15.00
RC9704	Trinity Team '97 T Shirt, XXX Large	*-\$15.00

Trinity Team Shirts. Black with logo on both sides.

RC9705	Trinity Losi Team '97 Dirt Shirt, Large	*-\$15.00
RC9706	Trinity Losi Team '97 Dirt Shirt, X Large	*-\$15.00
RC9707	Trinity Losi Team '97 Dirt Shirt, XX Large	*-\$15.00
RC9708	Trinity Losi Team '97 Shirt, XXX Large	*-\$15.00

Official Team Trinity/Losi Off-Road Shirt

RC9731	Kinwald World Champion Shirt (L)	••\$15.00
RC9732	Kinwald World Champion Shirt (XL)	••\$15.00
RC9733	Kinwald World Champion Shirt (XXL)	••\$15.00
RC9734	Kinwald World Champion Shirt (XXXL)	••\$15.00

Special shirt to commemorate Brian Kinwald's 1997 IFMAR World Championship. Different from limited edition worlds shirt.

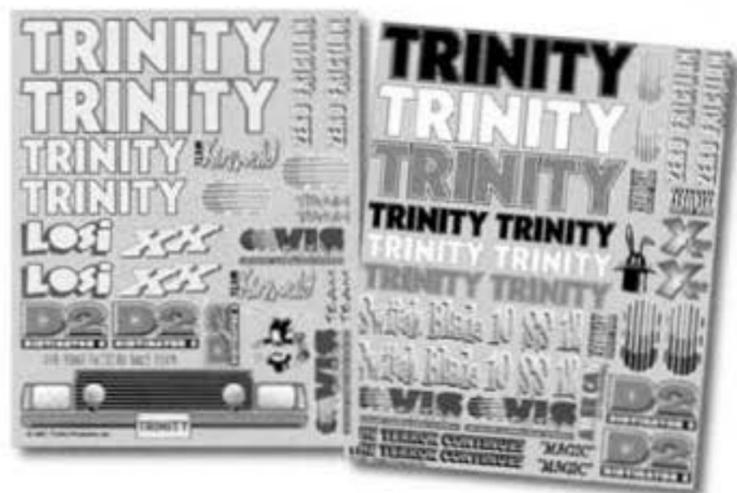
TRINITY OFFICIAL TEAM HAT

RC9126	Trinity Team Hat	\$25.00
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OFFICIAL TEAM TRINITY JACKETS

Lightweight black jacket with Trinity logo on back and Team Kinwald and VIS logos on front. Completely embroidered!

RC9129	X Large	*\$69.99
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STICKERS

RC9718	Brian Kinwald Off-Road Sticker Sheet	•\$4.99
	Same exact yellow and blue Trinity and Losi logos that Brian uses on his bodies. Also comes with D2 VIS EX-TRA logos and 3-D truck grill work.	
RC9719	Joel Johnson On-Road Sticker Sheet	•\$4.99
	Joel's stick sheets features all the logos you need for doing up your on-road car body. Three different colored Trinity logos plus Switch Blade, D2, X-Star, VIS EX-TRA and other assorted logos.	
RC9015	Stock Car Sticker Sheet	\$5.99
RC9016	Touring Car Sticker Sheet, w/ numbers	\$5.99
SS2239	Street Spec Sticker Sheet	\$3.99

HAULER AND TRANSMITTER BAGS

RC9031	The Pouch, CD carrying case, purple	\$15.99
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RC9033	Trinity Team Transmitter Bag	•\$24.95
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New design fits all the latest radios from Futaba, KO and Airtronics. Black with Trinity logo on it.

RC9032	Trinity Logo Transmitter Bag	\$24.95
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Black with color logos.



RC9075	Monster Cargo Bag	\$49.99
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Use our Monster Cargo Bag to carry all your R/C equipment to the track. Separate compartment to hold your radio and tires and a special pocket to hold traction bottles so they do not spill over. Black with full color logos & shoulder strap.

RC9125	Monster Of Dirt Hauler Bag	\$45.00
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Hauler bag comes with 3 big boxes to store your car, radio and parts. Black with full color logos.

RC9030	Hauler Bag Boxes	•\$10.99
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Replacement inner cardboard boxes for Trinity hauler bags. 3 pieces.



VIDEO

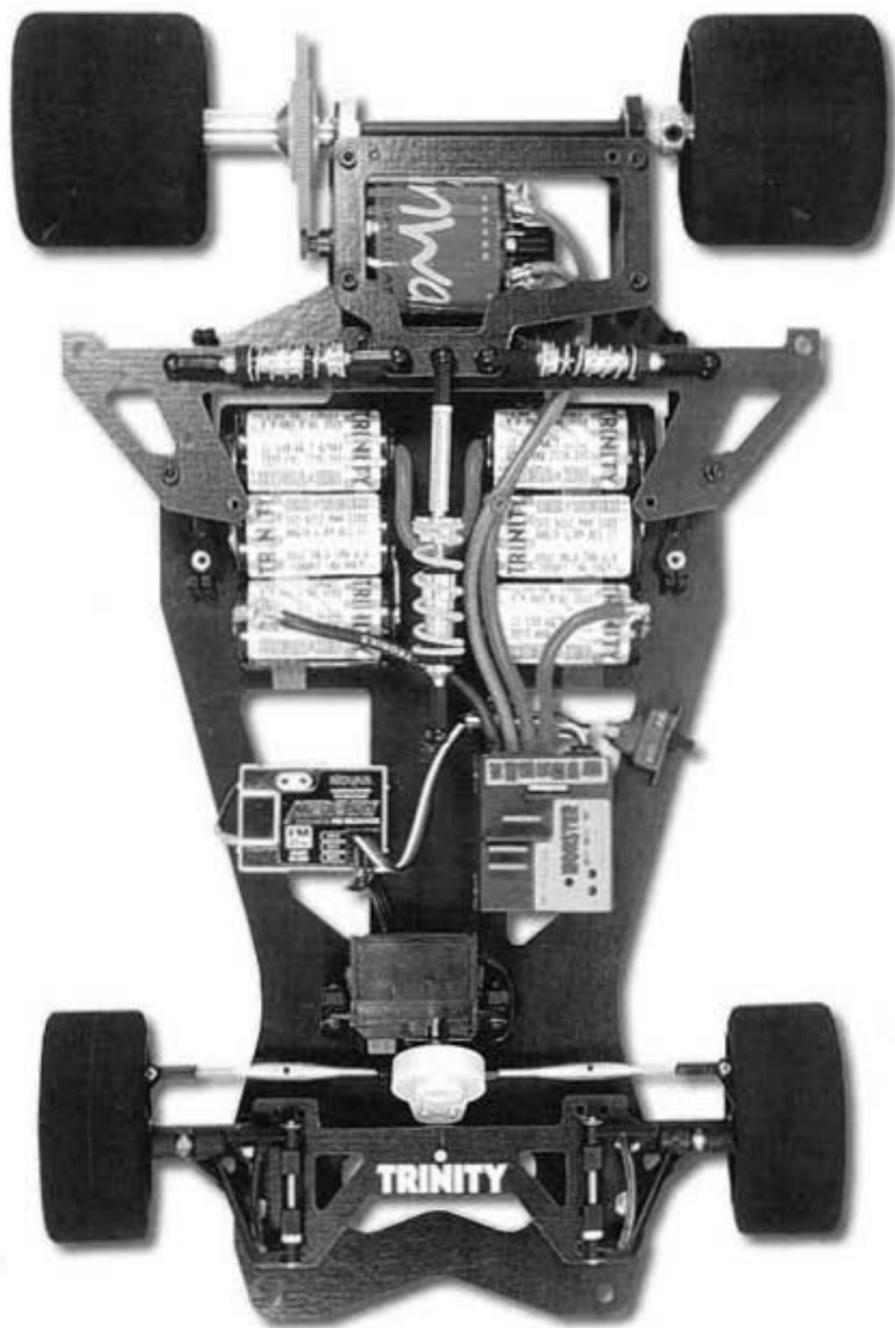
RC9725	IFMAR Worlds Video VHS Format, one hour	••\$23.99
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TRINITY IFMAR World Champions

Switch Blade 10 On-Road

Switch Blade 10



1997 ROAR National Champion
Joel "Magic Johnson"

1997 British National Champion
1997 European Champion
David Spashett

- TRC Tires
- Light weight rear hubs and super true composite axle.
- Precision ball bearings throughout.
- Zero Friction spur gear.
- Motor weight centered.
- Carbon Fiber chassis components.
- All light weight aluminum screws.
- Trailing link rear suspension system. No "T" bars to replace, better performance on bumpy tracks.
- Three shocks to let you fine tune side to side and front to rear dampening and spring rates.
- Battery pack is centralized for better weight distribution and higher bite on slippery tracks.
- Easy to build and tune SB10 Reactive Caster™ front suspension.

SB5010 Switch Blade 10™ On-Road kit

•\$299.99

The SB10 has lived up to its expectations winning the ROAR On-Road National title in the hands of Joel Johnson, and the European Championship and the British National Championships in the hands of David Spashett. These prestigious wins along with other European titles has made the SB10 the on-road car of choice for all the best drivers throughout the world.

The SB10 features a molded Radical Reactive Caster™ front suspension that not only offers a handling improvement over the older style utilized on the EV10, but is super easy to assemble and track tune. Caster, camber, and roll center are easy to adjust. You have your choice of 0 or 10 degrees of reactive caster to fine tune your car to any track condition.

The SB10 features our famous Tri-shock trailing link rear suspension, which has proven superior to other suspension systems for on-road racing. No "T" bars to replace every couple of runs. The 3 shocks allow for fine tuning of side to side and front to back dampening and spring rates. Tweaking is easy to do with just a turn of the side shock spring adjusters.

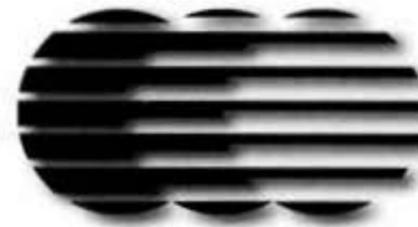
The batteries have been moved from the center front to rear mounting, as on the EV10, to a more centralized saddle pack configuration. This change makes the car more consistent from track to track and increases rear end traction which nicely balances the better turn-in afforded by the new front suspension geometry.

*Cars Shown In Photos May Contain Pre-production And Aftermarket Parts!



www.teamtrinity.com

Switch Blade 10 On-Road



Switch Blade 10 On-Road Parts List

All these parts are the direct replacement parts for your Switch Blade 10 on-road car kit. All hop-up parts are listed in the complete car parts listing on page 38.

Part #	Item	Qty	Price
EV0027	1.125" x 4-40 Turnbuckle	4	\$8.99
EV0030	Nylon Ball Cup	4	\$1.99
EV0032	Complete Micro Shock	1	\$17.99
EV0033	Aluminum Micro Shock Body	1	\$7.99
EV0034	Nylon Micro Shock Cylinder Nut	2	\$3.49
EV0035	Silicone O-ring, Micro Shock	4	\$0.99
EV0036N	Nylon Adjuster Nut, Micro Shock	2	\$3.49
EV0037	Inner Pressure Spring	4	\$2.99
EV0038	Aluminum Shock Shaft Cap	2	\$8.99
EV0039	Micro Shock Shaft	2	\$9.99
EV0040	Brass Micro Shock Shaft Washer	4	\$1.49
EV0042	Micro Shock Spring 11 lb.	2	\$2.00
EV0047	4-40 Ball Stud	4	\$3.99
EV0048	4-40 Mini Locknut	8	\$2.99
EV0049	8-32 x 7/8" Flat Head Screw	4	\$2.29
EV0053	Front Spacer Set	2	\$3.59
EV0056	1/4" x 3/8" Unflanged Bearing	1	\$7.50
EV0057	1/4" x 3/8" Flanged Bearing	2	\$14.00
EV0058	1/8" Steel Washers	4	\$0.99
EV0059	E Clips (0.125")	12	\$1.49
EV0062	Nylon Left Bulkhead	1	\$1.99
EV0063	Aluminum Right Bulkhead	1	\$10.99
EV0064	4-40 x 3/8" Steel Flat Head Screw	8	\$1.49
EV0065	4-40 x 3/8" Steel Cap Head Screw	8	\$1.49
EV0066	Graphite Pivot Ball Plate	1	\$3.99
EV0068	1/4" Aluminum Pivot Ball	2	\$2.99
EV0069	3/16" x .895 Aluminum Standoff	2	\$1.99
EV0071	2-56 Steel Button Head Screws	8	\$1.99
EV0072	Nylon Pivot Ball Socket Set	1	\$1.99
EV0073	1/8" Thick Aluminum Spacer	2	\$0.99
EV0074	4-40 x 1/2" Steel Flat Head Screw	8	\$1.49
EV0075	Nylon Ball Link Socket	4	\$2.49
EV0076	Aluminum Control Link Ball	4	\$3.99
EV0078	On-Road Aluminum Diff Hub	1	\$14.99
EV0079	On-Road Aluminum Left Hub	1	\$9.99
EV0080	Thrust Cone	1	\$1.99
EV0081	Belleville Washer	4	\$1.99
EV0082	Nylon Axle Shim Set	1set	\$2.69
EV0085	2" Nylon Body Posts	4	\$3.99
EV0086	Nylon Body Post Collars	4	\$1.49
EV0087	4-40 x 1/8" Set Screws	8	\$1.29
EV0088	On-Road Alum. Steering Turnbuckles	2	\$5.99
EV0091	Ride Height Adjuster Set	1	\$2.69
EV0092	Diff Balls	12	\$2.99
EV0093	Diff Rings	2	\$1.69
EV0110	Silicone Diff Lube	1	\$2.50
EV0133	On-Road Solid Graphite Axle	1	\$22.00
EV0139	Micro Shock Rebuild Kit	1	\$6.99
EV1001	Antenna/Shock Mount	1	\$1.29
EV4011	1/8" x 5/16" Flanged Bearings	2	\$14.00
EV4018	8-32 Aluminum Nuts	4	\$1.49
EV4022	Large Volume Shock Rebuild Kit	1	\$3.59
EV4030	Large Volume Shock	1	\$25.99
EV4030-1	Large Volume Shock Shaft	1	\$7.99
EV4030-5	Large Volume Shock Nylon Adj. Nut	2	\$2.99
EV4030-8	Large Volume Shock Shaft End Cap	1	\$4.99

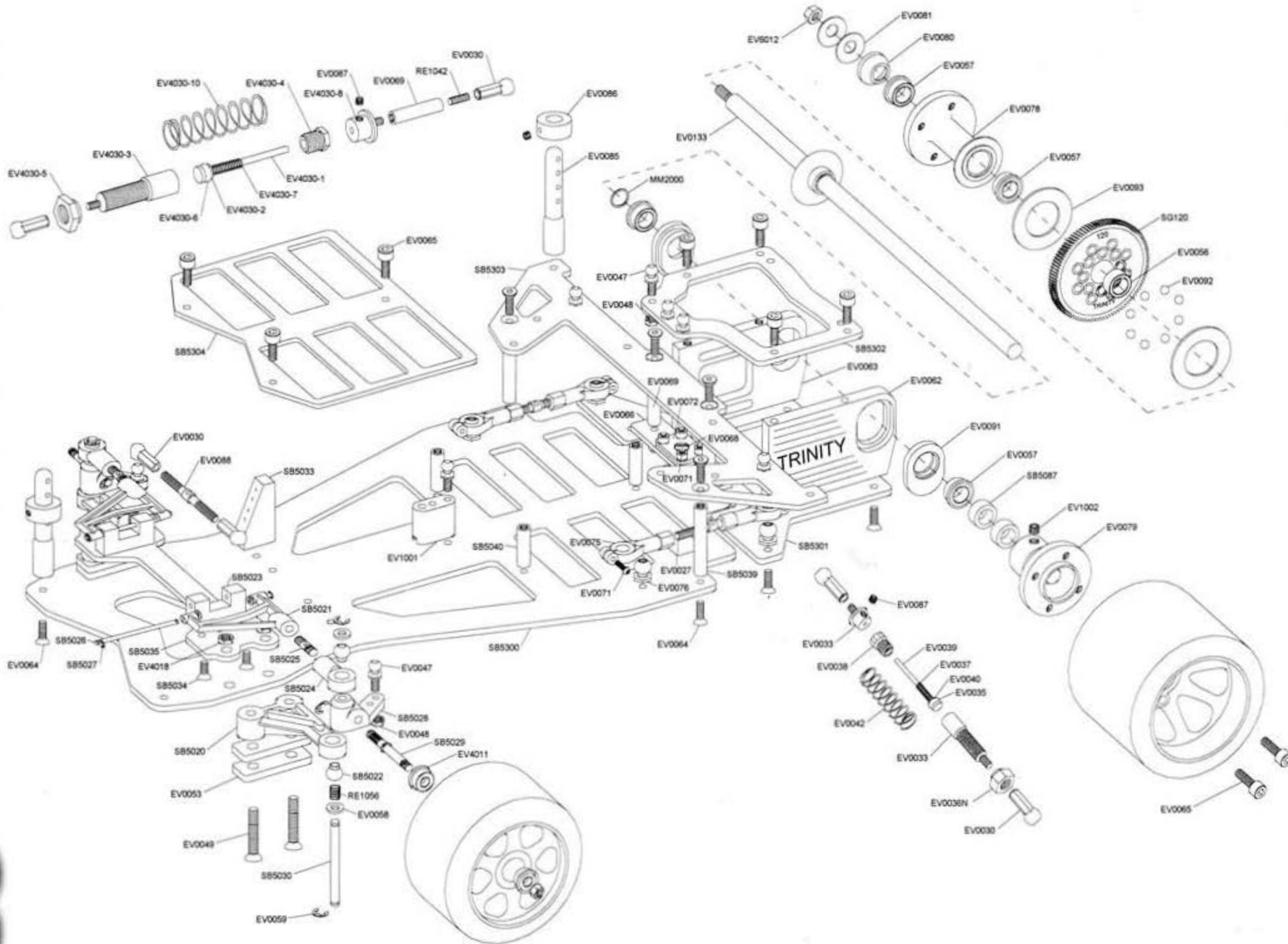
EV6012	6-32 Nylon Locknut	4	\$1.99
RC6100	Econo Body Clips	6	\$1.25
RE1042	4-40 x 1/8" Set Screw	1	\$0.99
RE1056	.022" Front Spring	2	\$1.99
SB5000	1/10 On-Road Front Suspension	1	\$39.99
SB5020	Lower Suspension Arms	1pr	\$3.50
SB5021	Upper Susp. Arms	1pr	\$3.00
SB5022	Upper/Lower Susp. Arm Ball	4	\$6.00
SB5023	Upper Arm Mounts (0 & 10 degree)	4	\$3.50
SB5024	Upper Arm Eyelet	2	\$1.50
SB5025	Upper Susp. Arm Turnbuckle	2	\$4.50
SB5026	Upper Arm Hinge Pins	1pr	\$2.00
SB5027	E Clips (0.093")	12	\$0.99
SB5028	Offset Steering Blocks	1pr	\$2.00
SB5029	Stub Axle	1pr	\$3.00
SB5030	Front Kingpins	2	\$3.00
SB5033	Servo Mount w/ screws	1pr	\$2.00
SB5034	4-40 x 1/4" Steel Flat Head Screws	8	\$0.99
SB5035	Graphite Front Suspension Brace	1	\$9.99
SB5038	Camber Gain Spacers	1set	\$1.99
SB5039	1.1" Standoff	1	\$1.29
SB5040	4-40 x .425 Standoff (for Battery Plate)	2	\$1.99
SB5085	0.050" Alum. Rear Axle Spacer	2	\$1.59
SB5087	0.150" Alum. Rear Axle Spacer	2	\$1.59
SB5100	SB10 Ball Bearing Set	1	\$58.99
SB5300	SB10 On-Road Graphite Chassis	1	\$65.00
SB5301	SB10 Graphite Bottom Plate	1	\$20.99
SB5302	SB10 Graphite Top Plate	1	\$12.99
SB5303	SB10 Graphite Top Shock Plate	1	\$20.99
SB5304	SB10 Fiberglass Battery Hold-Down	1	\$11.99
SG120	Spur Gear (120 Tooth)	1	\$3.99

JOEL JOHNSON'S NOTEBOOK: my 10 best car building tips

1. Make sure you have a good set of wrenches, sharp x-acto knife and a good set of files.
2. Work on a big towel so if you drop a screw or washer it will not bounce off your work bench and on to the floor.
3. Read the instructions completely through first. Make sure you understand them before opening any parts bags.
4. Open the parts bags only as needed. Put the parts in an ash tray or coffee cup if they can not roll away or get lost.
5. Prefit all parts to make sure they fit correctly. Remove any flashing with your knife and make sure all parts that are to rotate or slide do so freely.
6. Polish any moving parts like pivot balls and kingpins for a smoother operation. This will be reflected in lower lap times.
7. Tap all screw holes, or if lacking taps, prethread a steel screw in parts before using aluminum screws. Always use Trinity assembly lube on screws.
8. Never overtighten any screw!
9. Never force anything!
10. Take your time!

Switch Blade 10 On-Road

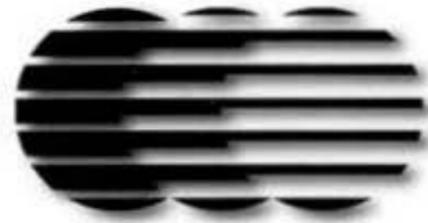
Switch Blade 10



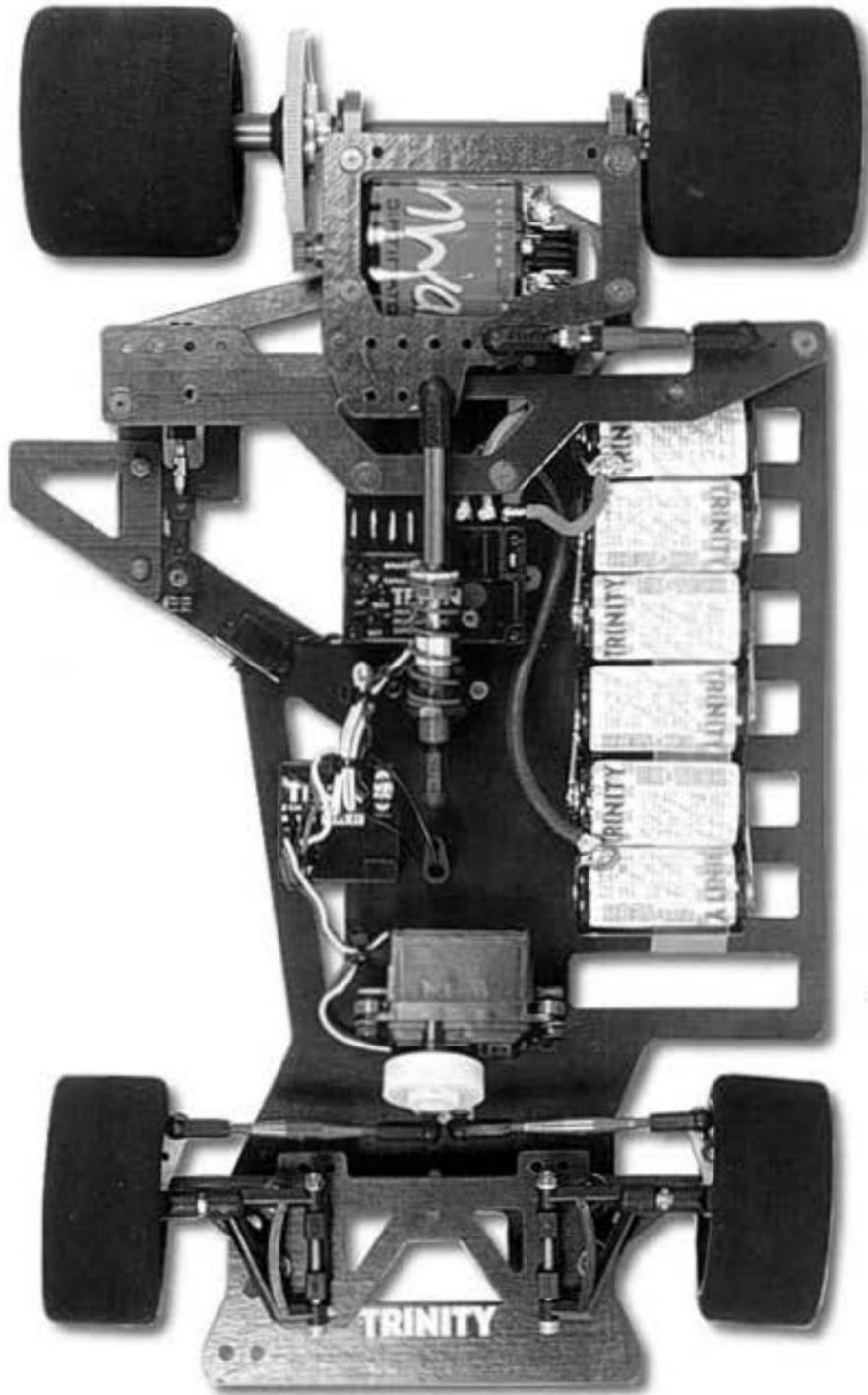
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PARENTAL ADVISORY EXPLICIT CONTENT

Switch Blade 10 Super Speedway



Switch Blade 10ss



1997 Winter Blast Champion
Frank Polimeda

1997 ROAR Carpet Oval Champion
Kirby Hand

- TRC Foam Tires
- Light weight rear hubs and super true composite axle.
- Precision ball bearings throughout.
- Zero Friction spur gear.
- Motor weight centered.
- Carbon Fiber chassis components.
- All light weight aluminum screws.
- Choice of trailing link or "T" bar rear suspension makes the SB10ss the most tunable oval car ever.
- Three shocks to let you fine tune side to side and front to rear dampening and spring rates.
- Battery pack is can be moved side to side and foward to fine tune handling.
- Easy to build and tune SB10 Reactive Caster™ front suspension.

SB5015 Switch Blade 10ss Super Speedway Kit \$299.99

SB5016 Switch Blade 10ss T Bar Super Speedway Kit •\$285.00

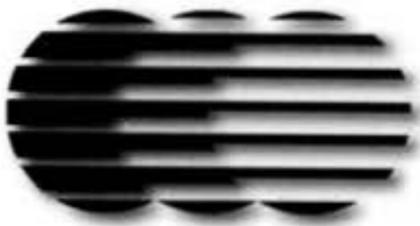
The Switch Blade 10ss like its on-road counterpart features the new Reactive Caster™ front suspension which allows for better turn-in at both high and low speeds. 7 wide battery slots allow you to move the battery pack front to rear and side to side. This allows you the ability to tune the left side weight bias for any track conditions you could possibly encounter. The famous Tri-shock trailing link rear suspension comes standard as does a "T" bar set-up. This allows even more tuning options and the ability to dial in your car on even the roughest track. With both types of rear suspension, you will be able to dominate at any track you go to with your SB10ss!

New for 1998 is a "T" bar only version of the Switch Blade 10ss. This new version is lighter as it eliminates the 2 side shocks and springs and uses a dampner tube to control the side dampening. Besides the weight savings the lower cost will make it easier on your pocket-book.

The Switch Blade 10ss was designed to use standard dimension "T" bars as used on the Associated 10Lss and Hyperdrive cars making for a large variety of different "T" bars to choose from when tuning your car.

*Cars Shown In Photos May Contain Pre-production And Aftermarket Parts!

TRINITY / FMAR World Champions



Switch Blade 10 Super Speedway

Switch Blade 10ss Speedway Parts List

All these parts are the direct replacement parts for your Switch Blade 10ss Speedway kit. All hop-up parts are listed in the complete car parts listing on page 38.

Part #	Item	Qty	Price
EV0027	1.125" x 4-40 Turnbuckle*	4	\$8.99
EV0030	Nylon Ball Cup	4	\$1.99
EV0032	Complete Micro Shock*	1	\$17.99
EV0033	Aluminum Micro Shock Body*	1	\$7.99
EV0034	Nylon Micro Shock Cylinder Nut*	2	\$3.49
EV0035	Silicone O-ring, Micro Shock*	4	\$0.99
EV0036N	Nylon Adjuster Nut, Micro Shock*	2	\$3.49
EV0037	Inner Pressure Spring*	4	\$2.99
EV0038	Aluminum Shock Shaft Cap*	2	\$8.99
EV0039	Micro Shock Shaft*	2	\$9.99
EV0040	Brass Micro Shock Shaft Washer*	4	\$1.49
EV0042	Micro Shock Spring 11 lb.*	2	\$2.00
EV0047	4-40 Ball Stud	4	\$3.99
EV0048	4-40 Mini Locknut	8	\$2.99
EV0049	8-32 x 7/8" Flat Head Screw	4	\$2.29
EV0053	Front Spacer Set	2	\$3.59
EV0056	1/4" x 3/8" Unflanged Bearing	1	\$7.50
EV0057	1/4" x 3/8" Flanged Bearing	2	\$14.00
EV0058	1/8" Steel Washers	4	\$0.99
EV0059	E Clips (0.125")	12	\$1.49
EV0062	Nylon Left Bulkhead	1	\$1.99
EV0063	Aluminum Right Bulkhead	1	\$10.99
EV0064	4-40 x 3/8" Steel Flat Head Screw	8	\$1.49
EV0065	4-40 x 3/8" Steel Cap Head Screw	8	\$1.49
EV0068	1/4" Aluminum Pivot Ball	2	\$2.99
EV0069	3/16" x .895 Aluminum Standoff	2	\$1.99
EV0071	2-56 Steel Button Head Screws	8	\$1.99
EV0072	Nylon Pivot Ball Socket Set	1	\$1.99
EV0073	1/8" Thick Aluminum Spacer*	2	\$0.99
EV0074	4-40 x 1/2" Steel Flat Head Screw	8	\$1.49
EV0075	Nylon Ball Link Socket*	4	\$2.49
EV0076	Aluminum Control Link Ball*	4	\$3.99
EV0080	Thrust Cone	1	\$1.99
EV0081	Belleville Washer	4	\$1.99
EV0082	Nylon Axle Shim Set	1set	\$2.69
EV0086	Nylon Body Post Collars	4	\$1.49
EV0087	4-40 x 1/8" Set Screws	8	\$1.29
EV0091	Ride Height Adjuster Set	1	\$2.69
EV0092	Diff Balls	12	\$2.99
EV0093	Diff Rings	2	\$1.69
EV0110	Silicone Diff Lube	1	\$2.50
EV0136	Extension Ball Studs Short*	4	\$5.99
EV0137	Extension Ball Studs Long	4	\$6.99
EV0139	Micro Shock Rebuild Kit*	1	\$6.99
EV1001	Ant./Shock Mount	1	\$1.29
EV4008	SS Aluminum Diff Hub	1	\$10.99
EV4009	SS Aluminum Left Hub	1	\$9.99
EV4011	1/8" x 5/16" Flanged Bearings	2	\$14.00
EV4016	3" Nylon Body Posts	4	\$3.99
EV4017	SS Aluminum Steering Turnbuckles	2	\$6.99
EV4018	8-32 Aluminum Nuts	4	\$1.49
EV4021	SS Solid Graphite Axle	1	\$22.99
EV4022	Large Volume Shock Rebuild Kit	1	\$3.59
EV4030	Large Volume Shock	1	\$25.99
EV4030-1	Large Volume Shock Shaft	1	\$7.99
EV4030-5	Large Voume Shock Nylon Adj. Nut	2	\$2.99

EV4030-8	Large Volume Shock Shaft End Cap	1	\$4.99
EV6012	6-32 Nylon Locknut	4	\$1.99
RC6100	Econo Body Clips	6	\$1.25
RE1039	Damper Tube ("T-bar Only" version)	1	\$9.99
RE1042	4-40 x 1/2" Set Screw	1	\$0.99
RE1056	0.022" Front Spring	2	\$1.99
SB5001	1/10 SS Front Suspension	1	\$39.99
SB5020	Lower Suspension Arms	1pr	\$3.50
SB5021	Upper Suspension Arms	1pr	\$3.00
SB5022	Upper/Lower Suspension Arm Ball	4	\$6.00
SB5023	Upper Arm Mounts (0 & 10 degree)	4	\$3.50
SB5024	Upper Arm Eyelet	2	\$1.50
SB5025	Upper Susp. Arm Turnbuckle	2	\$4.50
SB5026	Upper Arm Hinge Pins	1pr	\$2.00
SB5027	E Clips (0.093")	12	\$0.99
SB5028	Offset Steering Blocks	1pr	\$2.00
SB5029	Stub Axle	1pr	\$3.00
SB5030	Front Kingpins	2	\$3.00
SB5033	Servo Mount w/ screws	1pr	\$2.00
SB5034	4-40 x 1/4" Steel Flat Head Screws	8	\$0.99
SB5036	Graphite Front Suspension Brace	1	\$7.50
SB5038	Camber Gain Spacers	1set	\$1.99
SB5039	1.1" Standoff	1	\$1.29
SB5101	SB10SS Ball Bearing Set	1	\$58.99
SB5200	SB10SS Graphite Chassis	1	\$75.00
SB5201	SB10SS Graphite Bottom Plate	1	\$18.99
SB5202	SB10SS Graphite Top Plate	1	\$14.99
SB5203	SB10SS Graphite Top Shock Plate	1	\$15.99
SB5204	SB10SS Fiberglass Pivot Ball Plate*	1	\$3.99
SB5205	SB10SS Fiberglass T-bar Spacer	1	\$2.29
SB5206	SB10SS Graphite Nerf Wing	1	\$4.99
SB5220	SB10SS T-bar (0.074" Straight Cut)	1	\$7.99
SG120	Spur Gear (120 Tooth)	1	\$3.99

* Denotes items not included in the "T-bar Only" version.

DAVE CARPENTER'S NOTEBOOK:

tuning your street spec stock motor

Tuning a spec motor is not very complicated. The rules have been established to limit what you can do to a spec motor, making it easier to be competitive with less work and without having to buy several several types of brushes and springs. You must use the stock springs (part #4531) and the Street Spec Brush (part #SS2229)

Breaking in a Spec motor is very important when trying to get the most performance out of your motor. After installing the Spec brushes, and tweak the springs before installing them, increasing the tension on the brush, this is legal and will be your only tuning method on your spec motor. This will also help break in the brushes quicker.

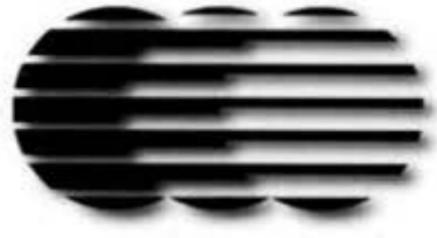
Apply a few drops of "Break in Drops" part # 4469 and run the motor at a low voltage with a cooling fan (4 to 5 volts, a 4-cell pack works good for this.) Run the motor until the brushes are completely seated. Once this is done remove the brushes and use the Comm Pen (#4053) to clean the commutator and to brush the face of each brush and then spray the motor out with # 4443 Buggy Blast motor spray. (You will do this for normal maintenance) Re-install the brushes and put 2 to 3 drops of Formula '96 on each brush and run the motor again at a low voltage for a few minutes.

"Tweaking" the motor springs is the only method you have to "tune" your spec motor. More tension will increase the motors torque which you will need on smaller tracks. On larger tracks you will want less tension to increase RPM's.

Now put the motor in your car and go have fun!

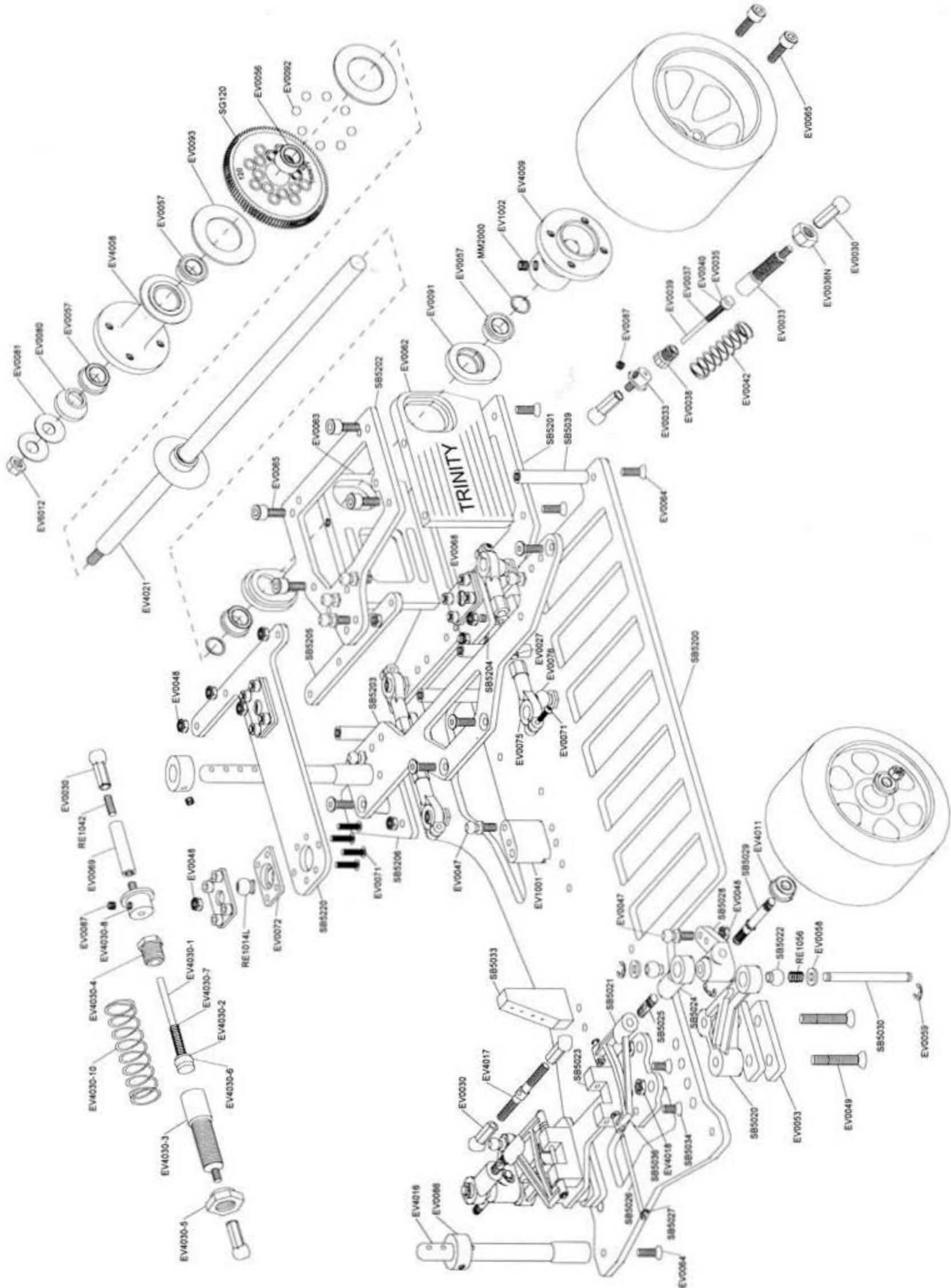


Switch Blade 10 Super Speedway

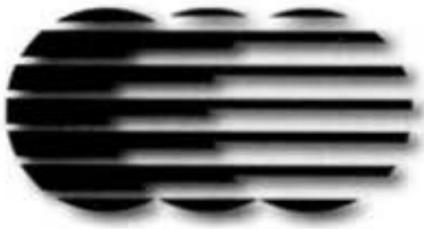


TRINITY PRODUCTS INC.

Switch Blade 10SS



TRINITY / FMAR World Champions



Switch Blade 12sj

Switch Blade 12sj

1996 US Indoor Champion
 1997 ROAR 4 Cell Champion
 1997 ROAR 6 Cell Champion
 1997 US Indoor Mod Champion
 1997 US Indoor Stock Champion
 Joel "Magic" Johnson

1997 ROAR Carpet Oval Champion
 Kirby Hand

1996 British Standard Champion
 David Spashett



- TRC Tires
- Light weight rear hubs and super true composite axle.
- Precision ball bearings throughout.
- New rear pod design lowers motor, makes wires easier to solder on.
- Carbon Fiber chassis components.
- All light weight purple aluminum screws.
- Symmetrical "T" bar design makes car corner the same turning left or right.
- Battery pack moved back for better weight distribution on slippery tracks.
- Easy to build and tune Reactive Caster™ front suspension with revised geometry.

SB9812 Switch Blade 12sj™ On-Road kit •\$250.00

The Switch Blade 12 has been engineered and developed over the past year by our all star design team of Mike Wood and Rich Hawkes based on the testing input of team drivers like David Spashett, Mike Blackstock and Joel Johnson. The SB12 is not a revision of the Revolver 22j, but an all new design incorporating just a few of the molded front end components from the past design. The SB12 was designed with the concept of producing a faster cornering 1/12th scale car, yet one that is user friendly, highly tunable, easy to drive and economical. We have accomplished this goal and SB12's are now winning races all over the world in the hands of drivers who have never been able to win in 1/12th scale before.

The SB12 features a new rear pod design which repositions the motor for a lower center of gravity. The symmetrical "T" bar makes sure your car will react the same to the left as well as to the right. The central shock mounting has been changed for a better front to rear load transfer. The battery mounting has been moved back for more traction on asphalt tracks and for quicker cornering and the front end geometry has been redesigned to lower the roll center.

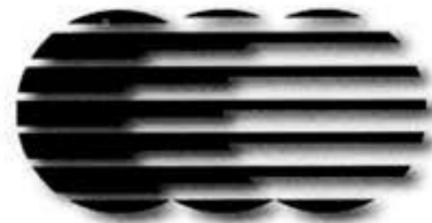
The SB12 comes with standard finish aluminum parts. Free purple aluminum screws are supplied with kit.

*Cars Shown In Photos May Contain Pre-production And Aftermarket Parts!



www.teamtrinity.com

Switch Blade 12sj



Switch Blade 12sj On-Road Parts List

All these parts are the direct replacement parts for your Switch Blade 12sj car kit. All SB12 hop-up parts are listed in the complete car parts listing on page 38 and at the end of this list.

Part #	Description	Qty	Price
D1052	4-40 x 3/8" Cap Screws, Purple	12	\$4.99
D1053	4-40 x 3/8" Flat Head Screw, Purple	12	\$4.99
EV0030	Nylon Ball Cup	4	\$1.99
EV0032	Complete Micro Shock	1	\$17.99
EV0033	Aluminum Micro Shock Body	1	\$7.99
EV0034	Nylon Micro Shock Cylinder Nutt	2	\$3.49
EV0035	Silicone O-ring, Micro Shock	4	\$0.99
EV0036N	Nylon Adjuster Nut, Micro Shock	2	\$3.49
EV0037	Inner Pressure Spring	4	\$2.99
EV0038	Aluminum Shock Shaft Cap	2	\$8.99
EV0039	Micro Shock Shaft	2	\$9.99
EV0040	Brass Micro Shock Shaft Washer	4	\$1.49
EV0041	Micro Shock Spring (5 lb.)	2	\$2.00
EV0047P	4-40 Ball Stud	4	\$4.99
EV0056	1/4" x 3/8" Unflanged Bearing	1	\$7.50
EV0057	1/4" x 3/8" Flanged Bearing	2	\$14.00
EV0058	1/8" Steel Washers	4	\$0.99
EV0059	E Clips (0.125")	12	\$1.49
EV0064	4-40 x 3/8" Steel Flat Head Screw	8	\$1.49
EV0071	2-56 Steel Button Head Screws	8	\$1.99
EV0072	Nylon Pivot Ball Socket Set	1	\$1.99
EV0074	4-40 x 1/2" Steel Flat Head Screw	8	\$1.49
EV0080	Thrust Cone	1	\$1.99
EV0081	Belleville Washer	4	\$1.99
EV0085	2" Nylon Body Posts	4	\$3.99
EV0086	Nylon Body Post Collars	4	\$1.49
EV0087	4-40 x 1/8" Set Screws	8	\$1.29
EV0091	Ride Height Adjuster Set	1	\$2.69
EV0092	Diff Balls	12	\$2.99
EV0093	Diff Rings	2	\$1.69
EV0110	Silicone Diff Lube	1	\$2.50
EV0143	4-40 Mini Locknut, Purple	8	\$3.50
EV0151	8-32 x 5/8" Flat Head Screw, Purple	12	\$4.99
EV0154	4-40 x 3/4" Cap Screw, Purple	12	\$4.99
EV1001	Ant./Shock Mount	1	\$1.29
EV4011	1/8" x 5/16" Flanged Bearings	2	\$14.00
EV4054	8-32 Alum. Nuts, Purple	8	\$3.99
EV6012	6-32 Nylon Locknut	4	\$1.99
RC4027	Brass Motor Shims (0.010")	10	\$1.99
RC6100	Body Clips	6	\$1.25
RE1003	1.6" Steel Turnbuckles	2	\$4.99
RE1014L	Aluminum Pivot Balls	2	\$2.99
RE1015	0.850" Standoff	2	\$1.99
RE1023	Alum. Diff Hub	1	\$6.99
RE1024	Alum. Left Side Hub	1	\$6.99
RE1039	Damper Tube	1	\$9.99
RE1041	2-56 Ball for Damper Tube	1	\$1.99
RE1042	4-40 x 1/2" Set Screw	1	\$0.99
RE1044	4-40 x 1/4" Flat Head Screws, Purple	12	\$4.99
RE1065	Front Kingpins	2	\$2.99
RE1081	0.020" Front Spring	2	\$1.99
SB5020L	Lower Suspension Arms (milled down)	1pr	\$3.99
SB5021	Upper Suspension Arms	2	\$3.00
SB5022	Upper/Lower Suspension Arm Ball	4	\$6.00
SB5023	Upper Arm Mounts (0 & 10 degree)	4	\$3.50
SB5024	Upper Arm Eyelet	2	\$1.50
SB5025	Upper Susp. Arm Turnbuckle	2	\$4.50

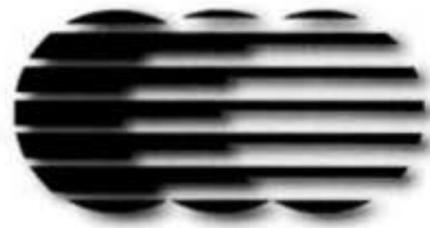
SB5026	Upper Arm Hinge Pins	2	\$2.00
SB5027	E Clips (0.093")	12	\$0.99
SB5028	Offset Steering Blocks	1pr	\$2.00
SB5029	Stub Axle	2	\$3.00
SB5033	Servo Mounts	2	\$2.00
SB5034	4-40 x 1/4" Steel Flat Head Screws	8	\$0.99
SB5039	1.1" Standoff	1	\$1.29
SB5085	0.050" Alum. Rear Axle Spacer	2	\$1.59
SB5087	0.150" Alum. Rear Axle Spacer	2	\$1.59
SB9800	SB12 Graphite Chassis	1	\$55.99
SB9801	SB12 Graphite Bottom Plate	1	\$11.99
SB9802	SB12 Graphite Top Plate	1	\$10.99
SB9803	Symmetrical T-bar (0.063")	1	\$6.00
SB9804	Symmetrical T-bar (0.074")	1	\$6.00
SB9805	T-bar Spacers	3	\$3.50
SB9806	SB12 Right Side Bulkhead/Motor Plate	1	\$15.99
SB9807	SB12 Left Side Bulkhead	1	\$13.50
SB9808	Solid Composite Axle	1	\$19.99
SB9809	#8 Alum. Flat Washer (0.062" thick)	8	\$2.00
SG095	Zero Friction Spur Gear (95T, 64P)	1	\$3.99

SB12sj Optional Parts

EV0042	Micro Shock Spring (11 lb.)	2	\$2.00
EV0043	Micro Shock Spring (15 lb.)	2	\$2.00
EV0033P	Purple Alum. Micro Shock Body	1	\$8.99
EV0038P	Purple Alum. Shock Shaft Cap	2	\$9.99
EV0080P	Purple Alum. Thrust Cone	1	\$1.99
EV0139	Micro Shock Rebuild Kit	1	\$6.99
EV0145	Complete Micro Shock, Purple	1	\$19.99
EV0150P	1.1" Purple Aluminum Standoff (rear pod)	1	\$1.99
RE1015P	0.850" Purple Aluminum Standoff	2	\$1.99
RE1080	0.018" Front Spring	2	\$1.99
RE1082	0.022" Front Spring	2	\$1.99
RE1083	0.024" Front Spring	2	\$1.99
RE1034	Purple Alum. Left Clamp Hub	1	\$14.99
RE1035	Purple Alum. Diff Side Hub	1	\$15.99
SB5086	0.100" Alum. Rear Axle Spacer	2	\$1.59
SB9804	Symmetrical T-bar (0.074")	1	\$6.00
SB9806P	SB12 Right Side Bulkhead, Purple	1	\$17.49
SB9807P	SB12 Left Side Bulkhead, Purple	1	\$15.00
SB9810	SB12 Weight-forward Graph. Chassis	1	\$55.99
SG100	Zero Friction Spur Gear (100T, 64P)	1	\$3.99

DAVID SPASSETTS NOTEBOOK: my top five winning secrets

1. Write everything down as soon as you do it. Keep a journal of all changes for future references. It will come in handy at the next race.
2. Make only one change at a time. That's the only way to know for sure what change did what to the handling of your chassis.
3. Make a check list of things to do and the order to do them between heats at a race. Tape it to the inside of your pit box or to your charger. That way you will never forget to do something and you will always start charging and applying tire traction at the same time each round.
4. Put tools and parts away as soon as you are done with them so you will know where they are in a hurry. By keeping your pit area free of loose diff balls and small parts they are less likely to end up in your motor!
5. Always arrive with your car built and ready to go as soon as you charge the pack and put traction on the tires. This will allow you to get as much practice as possible. Remember nothing beats practice, practice, practice!



STREET SPEC

1997 National Champion
George McCauley



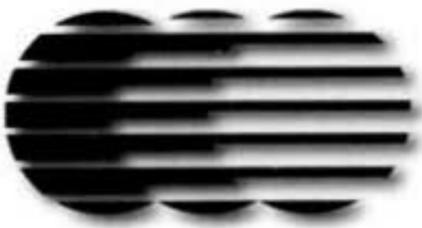
SS2222	Spec 10 Stock Car, with motor and battery	\$199.99
SS2223	Spec 10 Stock Car, no motor or battery	\$165.00
SS2230	Spec 10 Touring Car, with motor and battery	\$199.99
SS2231	Spec 10 Touring Car, no motor or battery	\$165.00
SS2240	Spec 10 Speedway Truck, with motor and battery	\$199.99
SS2241	Spec 10 Speedway Truck, no motor or battery	\$165.00

Street Spec racing is the fastest growing form of racing in the US. The concept of everyone running the same car, tires, motor and battery and relying on driving and tuning skills instead of a big wallet is very appealing to most R/C racers.

In Street Spec racing all aspects are tightly controlled so that equipment performance is as equal as possible. In Street Spec racing the driver with the most money has no advantage because there are no aftermarket trick parts like tires or batteries to give a speed advantage. In fact you can not even buy Street Spec batteries loose and match them up into packs. You have to buy assembled 6 cell sticks that are tamper proof.

Street Spec racing is taking place at most good on-road and oval tracks through out the country, and the racing is supported by regional and national championship events. Check it out at your local track!

- TRC Spec Tires
- Spec Tires Are Available In Only 2 Rear And 3 Front Compounds So You Don't Have To Buy A Lot Of Compounds To Be Competitive.
- Street Spec Motor, (21Turn @1 Awg Wire).
- Rear Axle Ball Bearings.
- Spec Battery Packs Are Tamper Proof And Easy To Tech.
- 28 to 120 Only Gear Ratio Keeps Motors The Same Speed, No Extra Gears To Buy.
- Limited Legal Tuning Options Makes Track Tuning Your Chassis Quick And Easy.
- No Lightweight Parts, Carbon Fiber, Drilling Of Holes Or Machining Of Parts Allowed.
- Choice of Stock Car, Truck Or Touring Bodies
- No After Market Parts Allowed.



Street Spec Parts List

All these parts are the direct replacement parts for your Street Spec car or truck kit. There are no hop up parts!

Part #	Item	Qty	Price
D1027	4-40 Dampener Rod	1	\$1.99
D1030	1.25" Alum. Standoff w/ Hole	1	\$1.99
D1047	3/32" Set Collars	2	\$1.69
EV0029	4-40 Locknuts	4	\$0.99
EV0030	Nylon Ball Cup	4	\$1.99
EV0048	4-40 Mini Locknut	8	\$2.99
EV0049	8-32 x 7/8" Flat Head Screw	4	\$2.29
EV0050	8-32 Nylon Locknut	4	\$1.49
EV0053	Front Spacer Set	2	\$3.59
EV0054	Silicone 1/8" O-ring	4	\$1.29
EV0057	1/4" x 3/8" Flanged Bearing	2	\$14.00
EV0058	1/8" Steel Washers	4	\$0.99
EV0059	E Clips (0.125")	12	\$1.49
EV0062	Nylon Left Bulkhead	1	\$1.99
EV0063	Aluminum Right Bulkhead	1	\$10.99
EV0064	4-40 x 3/8" Steel Flat Head Screw	8	\$1.49
EV0065	4-40 x 3/8" Steel Cap Head Screw	8	\$1.49
EV0069	3/16" x .895 Aluminum Standoff	2	\$1.99
EV0073	1/8" Thick Aluminum Spacer	2	\$0.99
EV0074	4-40 x 1/2" Steel Flat Head Screw	8	\$1.49
EV0081	Belleville Washer	4	\$1.99
EV0082	Nylon Axle Shim Set	1 set	\$2.69
EV0086	Nylon Body Post Collars	4	\$1.49
EV0087	4-40 x 1/8" Set Screws	8	\$1.29
EV0090	Bent-Up Body Clips	6	\$2.99
EV0091	Ride Height Adjuster Set	1	\$2.69
EV0092	Diff Balls	12	\$2.99
EV0093	Diff Rings	2	\$1.69
EV0110	Silicone Diff Lube	1	\$2.50
EV0130	Constant Rate Frt. Spring Blue, 6lb	2	\$2.00
EV1001	Antenna/Shock Mount	1	\$1.29
EV1002	10-32 Set Screws	2	\$0.99
EV4008	SS Aluminum Diff Hub	1	\$10.99
EV4010	Trailing Steering Blocks	1 pr	\$7.50
EV4016	3" Nylon Body Posts	4	\$3.99
R7714	4" Nylon Body Posts	2	\$4.00
RE1004	.020 Front Springs	2	\$1.99
RE1015	0.850" Standoff	2	\$1.99
RE1054	4-40 x 1" Steel Flathead Screw	2	\$0.99
RE7750	.750" Aluminum Standoff	2	\$1.69
SS1051	5-40 Steel Locknuts	8	\$1.49
SS2000	Spec Blue Frt. Tires, as in kit	2	\$10.99
SS2001	Spec Green Rear Tires, as in kit	2	\$11.49
SS2002	Street Spec T-bar/Bottom Plate	1	\$7.99
SS2003	Street Spec Battery Plate	1	\$7.99
SS2004	Street Spec Front Axle Plate	1	\$6.49
SS2005	Street Spec Chassis	1	\$22.99
SS2006	Street Spec Pivot Plates	2	\$4.99
SS2007	Street Spec Top Plate	1	\$6.99
SS2008	1/8" x 5/16" Flanged Bushing	4	\$1.99
SS2009	5-40 Flat Nuts	2	\$0.99
SS2010	Street Spec Front Kingpins	2	\$2.99
SS2011	Dampener Washers	2	\$1.99
SS2012	Silicone Tubing	1	\$1.69
SS2013	Nylon Left Hub	1	\$4.29
SS2014	Thrust Bearing Set	1	\$2.59
SS2015	1/4" x 3/8" Bushing	2	\$2.99
SS2016	Steel Rear Axle	1	\$7.99

SS2017	4-40 Threaded Rod for Steering	2	\$1.99
SS2018	'94 S.T. T-Bird Body (Spec Legal)	1	\$15.99
SS2019	Touring Car Chassis	1	\$19.99
SS2020	5-40 x 3/8" Steel Cap Screw	4	\$0.99
SS2021	Complete Bearing Set for Street Spec	1	\$47.99
SS2022	Battery O-rings	2	\$1.49
SS2100	Spec Green Front Tires	2	\$10.99
SS2101	Spec Orange Front Tires	2	\$10.99
SS2102	Spec Blue Rear Tires	2	\$11.49
SS2224	Street Spec 6-cell Battery Pack	1	\$23.99
SS2227	Street Spec 4-cell Battery Pack	1	\$17.99
SS2228	Street Spec Motor	1	\$29.95
SS2229	Street Spec Motor Brushes	2	\$2.99
SS2232	1/10 BMW Touring Body	1	\$15.99
SS2233	Spec Touring Green Rear Tires	2	\$11.49
SS2234	Spec Touring Blue Rear Tires	2	\$11.49
SS2235	Spec Touring Green Front Tires	2	\$10.99
SS2236	Spec Touring Blue Front Tires	2	\$10.99
SS2237	Spec Touring Orange Front Tires	2	\$10.99
SS2238	1/10 Opel Calibra Body	1	\$15.99
SS2239	Street Spec Sticker Sheet	1	\$3.99
SS2242	C-Type Speedway Truck Body	1	\$15.99

MIKE WOODS NOTEBOOK: tuning your switch blade car

Below is a quick reference chart of general guidelines for tuning your Switch Blade car at the track. Remember, it is much easier to make one adjustment at a time to get a feel for what effect it has on the track. It is also very helpful to keep notes or setup sheets when you do find something that works well for you. You can also obtain technical help from Trinity drivers and engineers along with other racers from around the world on our web site at www.teamtrinity.com.

FOR MORE STEERING

(and less rear traction)

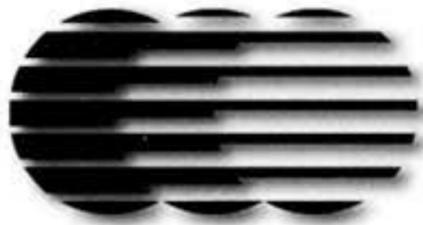
- use a softer front spring or less pre-load
- stiffen the center shock up
- stiffen up the side movement of the rear pod
- lower the front roll center
- use less front dampening
- lower the front of the chassis
- increase the amount of camber
- increase the rear track width
- decrease the amount of caster

FOR LESS STEERING

(and more rear traction)

- use a stiffer front spring or more pre-load
- soften the center shock up
- soften up the side movement of the rear pod
- raise the front roll center
- use more front dampening
- raise the front of the chassis
- decrease the amount of camber
- decrease the rear track width
- increase the amount of caster





Complete Car Parts Listing

This numerical listing contains all the parts for our car kits plus hop up parts. The list is broken up into sub assemblies and each part has a code for which cars it fits.

Symbols for "Fits" column:

- O = SB10SS Oval Car
- R = SB10 On-Road Car
- J = SB12sj 1/12 On-Road Car
- S = Street Spec Car or Truck
- E = EV10 or EV10SS Cars
- V = Revolver 1/12 On-Road Car
- A = Associated-based Cars

Part #	Item	Fits	Qty	Price
Front Suspension Parts				
EV0022	EV10 On-center Steering Blocks	E	2	\$8.49
EV0023	1/10 Front Kingpins	O,R,E	2	\$2.99
EV0024	EV10 Nylon Upper Ball Supports	E,V	2	\$4.50
EV0026P	EV10 Purple Alum. Clevis	E,V	2	\$10.99
EV0027	1.125" x 4-40 Turnbuckle	O,R,E	4	\$8.99
EV0030	Nylon Ball Cup	ALL	4	\$1.99
EV0031	EV10 Delrin Balls	E,V	2	\$1.99
EV0051	EV10 Front Nylon Kingpin Bushings	E	2	\$1.59
EV0052	EV10 Nylon Clevis	E,V	2	\$1.99
EV0053	Front Ride Height Spacer Set	O,R,J,S,E	2	\$3.59
EV0067	EV10 Graphite Top Chassis Plate	E	1	\$24.99
EV0094	EV10 Graphite Chassis	E	1	\$59.99
EV0088	On-Road Alum. Steering Turnbuckles	R,E,A	2	\$5.99
EV0088P	On-Road Purple Steering Turnbuckles	R,E,A	2	\$6.99
EV0099	Progressive Frt. Spring Orange, 4-6lb	O,R,S,E,A	2	\$2.00
EV0100	Progressive Frt. Spring Blue, 6-8lb	O,R,S,E,A	2	\$2.00
EV0101	Progressive Frt. Spring White, 8-10lb	O,R,S,E,A	2	\$2.00
EV0102	Progressive Frt. Spring Red, 10-12lb	O,R,S,E,A	2	\$2.00
EV0103	Progressive Frt. Spring Green, 12-14lb	O,R,S,E,A	2	\$2.00
EV0104	Progressive Frt. Spring Set, 2 ea. size	O,R,S,E,A	1	\$8.00
EV0125	Constant Rate Frt. Spring Purple, 14lb	O,R,E,A	2	\$2.00
EV0126	Constant Rate Frt. Spring Black, 16lb	O,R,E,A	2	\$2.00
EV0127	Constant Rate Frt. Spring Green, 12lb	O,R,E,A	2	\$2.00
EV0128	Constant Rate Frt. Spring Red, 10lb	O,R,E,A	2	\$2.00
EV0129	Constant Rate Frt. Spring White, 8lb	O,R,E,A	2	\$2.00
EV0130	Constant Rate Frt. Spring Blue, 6lb	O,R,E,A	2	\$2.00
EV0131	Constant Rate Frt. Spring Orange, 4lb	O,R,E,A	2	\$2.00
EV0132	Constant Rate Frt. Spring Set, 2 ea.	O,R,E,A	1	\$11.25
EV0144	EV10, EV10SS Front O-ring Cup	E	2	\$1.99
EV0205	EV10F Fiberglass Front Axle Plate	E	1	\$9.99
EV4003	EV10SS Graphite Front Axle Plate	E	1	\$19.99
EV4010	Trailing Steering Blocks	S,E	1pr	\$7.50
EV4017	SS Aluminum Steering Turnbuckles	O,E,A	2	\$6.99
EV4017P	SS Purple Alum. Steering Turnbuckles	O,E,A	2	\$6.99
EV4018	8-32 Aluminum Nuts	O,R,J,E,V	4	\$1.49
EV4054	8-32 Alum. Nuts, Purple	O,R,J,E,V	8	\$3.99
EV4072	EV10 Delrin Front Bushing Conversion	E	1	\$4.99
EV4073	EV10SS Lite Front Axle Plate	E	1	\$19.99
EV4076	EV10 Delrin Kingpin Bushings	E	2	\$1.99
RE1001	Revolver Front Kingpins	V	2	\$1.99
RE1002	Revolver Steering Blocks	V	2	\$6.99
RE1003	1/12 Steering Turnbuckles (1.6")	J,V,A	2	\$4.99
RE1004	.020 Front Springs	ALL	2	\$1.99
RE1030	Revolver Kingpin Bushing w/ Drill	V	1	\$3.99
RE1031	Revolver Front Kingpin Bushings	V	2	\$1.99
RE1036	Revolver Graphite Lite Frt. Axle Plate	V	1	\$10.99
RE1055	0.018" Front Spring, Black	ALL	2	\$1.99
RE1056	0.022" Front Spring, Nickel	ALL	2	\$1.99
RE1057	0.024" Front Spring, Gold	ALL	2	\$1.99
RE1058	Front Spring Set (2 ea.)	ALL	1	\$4.99
RE1065	1/12 Front Kingpins	J,V	2	\$2.99
RE1080	0.018" Front Spring (short)	ALL	2	\$1.99
RE1081	0.020" Front Spring (short)	ALL	2	\$1.99
RE1082	0.022" Front Spring (short)	ALL	2	\$1.99
RE1083	0.024" Front Spring (short)	ALL	2	\$1.99
SB5000	1/10 SB On-Road Front Suspension	R,A	1	\$39.99
SB5001	1/10 SB SS Front Suspension	O,E,A	1	\$39.99
SB5002	1/12 Switch Blade Frt. Suspension	J,V,A	1	\$39.99
SB5003	Switch Blade Frt. Susp. for EV10	E	1	\$45.00
SB5020	Lower Suspension Arms	O,R,J	1pr	\$3.50
SB5020L	Lower Susp. Arms (low roll-center)	O,R,J	1pr	\$3.99
SB5021	Upper Susp. Arms	O,R,J	1pr	\$3.00
SB5022	Upper/Lower Susp. Arm Ball	O,R,J	4	\$6.00
SB5023	Upper Arm Mounts (0 & 10 degree)	O,R,J	4	\$3.50

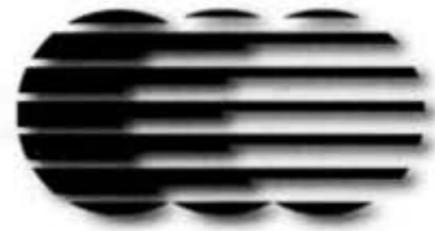
SB5024	Upper Arm Eyelet	O,R,J	2	\$1.50
SB5025	Upper Susp. Arm Turnbuckle	O,R,J	2	\$4.50
SB5026	Upper Arm Hinge Pins	O,R,J	1pr	\$2.00
SB5027	E Clips (0.093")	O,R,J	12	\$0.99
SB5028	Offset Steering Blocks	O,R,J	1pr	\$2.00
SB5029	Stub Axle	O,R,J	1pr	\$3.00
SB5030	1/10 Front Kingpins	O,R	2	\$3.00
SB5031	On-center Steering Block	O,R,J,A	1pr	\$2.50
SB5032	On-center Front Axle (3/16" dia.)	O,R,J,A	2	\$7.00
SB5035	Graphite On-Road Front Susp. Brace	R	1	\$9.99
SB5036	Graphite Speedway Front Susp. Brace	O	1	\$7.50
SB5037	Graphite 1/12 Front Susp. Brace	J	1	\$7.99
SB5038	Camber Gain Spacers	O,R,J	1set	\$1.99
SB5077	SB Purple Alum. Lower Susp. Arms	O,R,J	1pr	\$31.99
SB5080	Alum. Frt. Upper Arm Mounts (0 deg.)	O,R,J	2	\$17.99
SB5081	Alum. Frt. Upper Arm Mounts (10 deg.)	O,R,J	2	\$17.99
SB5306	EV10 to SB10 Front Susp. Conv. Plate	E	1	\$11.29
SB9809	#8 Alum. Flat Washer (0.062" thk.)	ALL	8	\$2.00
SS2004	Street Spec Front Axle Plate	S	1	\$6.49
SS2010	Street Spec Front Kingpins	S	2	\$2.99
SS2017	4-40 Threaded Rod for Steering	S	2	\$1.99

Chassis Components

EV0067	EV10 Graphite Top Chassis Plate	E	1	\$24.99
EV0069	3/16" x .895 Aluminum Standoff	O,R,S,E	2	\$1.99
EV0069P	0.895" Purple Aluminum Standoff	O,R,S,E	2	\$4.99
EV0070	EV10 Nylon Rear Battery Cup	E	1	\$2.99
EV0073	1/8" Thick Aluminum Spacer	O,R,E	2	\$0.99
EV0073P	1/8" Thick Aluminum Spacer, Purple	O,R,E	2	\$1.59
EV0083	EV10 Nylon Front Battery Cup	E	1	\$1.99
EV0084	EV10 Nylon Front Battery Cup Lid	E	1	\$1.99
EV0085	2" Nylon Body Posts	R,J,E,A	4	\$3.99
EV0086	Nylon Body Post Collars	ALL	4	\$1.49
EV0090	Bent-Up Body Clips	ALL	6	\$2.99
EV0094	EV10 Graphite Chassis	E	1	\$59.99
EV0150P	1.1" Purple Alum. Standoff	O,R,J	1	\$1.99
EV0200	EV10F Fiberglass On-Road Chassis	E	1	\$29.99
EV0205	EV10F Fiberglass Top Chassis Plate	E	1	\$11.99
EV1001	Antenna/Shock Mount	ALL	1	\$1.29
EV4004	EV10SS Graphite Top Chassis Plate	E	1	\$22.99
EV4007	EV10SS Graphite Nerf Wing	E	1	\$5.99
EV4016	3" Nylon Body Posts	O,S,E,A	4	\$3.99
EV4045	EV10SS Lite Graphite Chassis	E	1	\$82.00
EV4047	EV10SS Lite Graphite Nerf Wing	E	1	\$6.99
EV4048	EV10SS Lite Graphite Top Chassis Plate	E	1	\$18.99
EV4049	EV10SS Lite Graphite Chassis Upgrade	E	1	\$132.00
R7714	4" Nylon Body Posts	S	2	\$4.00
RC6053	Purple Alum. Adj. Servo Mounts	ALL	2	\$10.99
RC6100	Econo Body Clips	ALL	6	\$1.25
RC6111	Joel Johnson Transponder Mount	ALL	1	\$3.75
RE1015	0.850" Standoff	J,V	2	\$1.99
RE1015P	0.850" Purple Alum. Standoff	J,V	2	\$1.99
RE1017	Graphite Rear Chassis Brace for 12SS	V	1	\$9.50
RE1020	Revolver Graphite Speedway Chassis	V	1	\$55.00
RE1021	Revolver Graphite SS Nerf Wing	V	1	\$3.99
RE1040	Revolver "Magic" 4-cell Graphite Chassis	V	1	\$49.99
RE1043	Revolver 6-cell Graphite Chassis	V	1	\$69.99
RE7750	.750" Aluminum Standoff	S,V	2	\$1.69
RE7750P	.750" Purple Alum. Standoff	V	1	\$2.99
SB5033	Nylon Servo Mount w/ screws	O,R,J	1pr	\$2.00
SB5039	1.1" Aluminum Standoff	O,R,J	1	\$1.29
SB5040	4-40 x .425 Standoff (for Battery Plate)	R	2	\$1.99
SB5200	SB10SS Graphite Chassis	O	1	\$75.00
SB5203	SB10SS Graphite Top Shock Plate	O	1	\$15.99
SB5206	SB10SS Graphite Nerf Wing	O	1	\$4.99
SB5300	SB10 On-Road Graphite Chassis	R	1	\$65.00
SB5303	SB10 Graphite Top Shock Plate	R	1	\$20.99
SB5304	SB10 Fiberglass Battery Hold-Down	R	1	\$11.99
SB5307	Graphite Super Speedway Bumper	O,A	1	\$17.99
SB9800	SB12 Graphite Chassis	J	1	\$55.99
SB9810	SB12 Weight-forward Graphite Chassis	J	1	\$55.99
SS2003	Street Spec Battery Plate	S	1	\$7.99
SS2005	Street Spec Chassis	S	1	\$22.99
SS2018	'94 S.T. T-Bird Body (Spec Legal)	O,S,A	1	\$15.99
SS2019	Touring Car Chassis	S	1	\$19.99
SS2022	Battery O-rings	S	2	\$1.49



Complete Car Parts Listing



SS2224	Street Spec 6-cell Battery Pack	S	1	\$23.99
SS2227	Street Spec 4-cell Battery Pack	S	1	\$17.99
SS2228	Street Spec Motor	ALL	1	\$29.95
SS2229	Street Spec Motor Brushes	ALL	2	\$2.99
SS2232	1/10 BMW Touring Body	S	1	\$15.99
SS2238	1/10 Opel Calibra Touring Body	S	1	\$15.99
SS2239	Street Spec Sticker Sheet	ALL	1	\$3.99
SS2242	C-Type Speedway Truck Body (Spec)	O,S	1	\$15.99

SS2006	Street Spec Pivot Plates	S	2	\$4.99
SS2007	Street Spec Top Plate	S	1	\$6.99
SS2011	Dampener Washers	S,A	2	\$1.99
SS2012	Silicone Tubing	S	1	\$1.69

Rear Suspension Parts

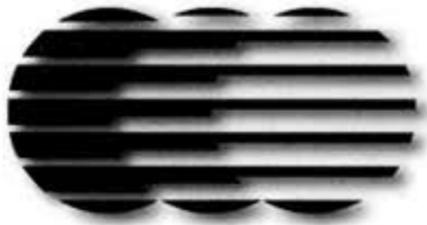
D1027	4-40 Dampener Rod	S	1	\$1.99
D1030	1.25" Alum. Standoff w/ Hole	S	1	\$1.99
D1047	3/32" Set Collars	S	2	\$1.69
D1050	2-56 Ball Cups	J,V	4	\$3.99
EV0060	EV10 Graphite Top Plate	E	1	\$14.99
EV0061	EV10 Graphite Bottom Plate	E	1	\$19.99
EV0062	Nylon Left Bulkhead	O,R,S,E	1	\$1.99
EV0063	Aluminum Right Bulkhead	O,R,S,E	1	\$10.99
EV0066	Graphite Pivot Ball Plate	R,E	1	\$3.99
EV0068	1/4" Aluminum Pivot Ball	O,R,E	2	\$2.99
EV0068P	1/4" Aluminum Pivot Ball, Purple	O,R,E	2	\$3.99
EV0071	2-56 Steel Button Head Screws	ALL	8	\$1.99
EV0072	Nylon Pivot Ball Socket Set	O,R,J,E	1	\$1.99
EV0075	Nylon Ball Link Socket	O,R,E	4	\$2.49
EV0076	Aluminum Control Link Ball	O,R,E	4	\$3.99
EV0076P	Aluminum Control Link Ball, Purple	O,R,E	4	\$7.50
EV0091	Ride Height Adjuster Set	ALL	1	\$2.69
EV0108	More Clearance Pod Plates, Purple	O,R,E	1pr	\$29.99
EV0123	Micro Shock Spring Set, 3 ea.	O,R,J,E,A	1	\$5.99
EV0202	EV10F Fiberglass Pivot Plate	E	1	\$3.99
EV0203	EV10F Fiberglass Top Pod Plate	E	1	\$8.99
EV0204	EV10F Fiberglass Bottom Pod Plate	E	1	\$8.99
EV4002	EV10SS Graphite Bottom Plate	E	1	\$25.00
EV4005	EV10SS Graphite Top Plate	E	1	\$14.99
EV4014	4-40 x .9" Steel Turnbuckles	E	2	\$5.50
EV4015	4-40 x 1.2" Steel Turnbuckles	E	2	\$5.99
EV4019	EV10SS Sway Bar Kit	E	1	\$29.99
EV4020	EV10SS Top Sway Bar Graphite Plate	E	1	\$14.25
EV4024	EV10SS Sway Bar Tuning Kit	E	1	\$12.99
EV4025	EV10SS Prebent Sway Bar Wire Set	E	1	\$2.99
EV4046	EV10SS Lite Graphite Bottom Plate	E	1	\$23.99
EV6004	EV10 LSD Conversion Top Plate	E	1	\$16.59
EV6005	EV10 LSD Conversion Bottom Plate	E	1	\$24.99
RE1009	Revolver T-bar Spacer	V	1	\$2.99
RE1014L	Lightweight Alum. T-bar Pivot Balls	O,R,J,V,A	2	\$2.99
RE1014P	Revolver Purple T-bar Pivot Ball	V	2	\$2.99
RE1016P	Revolver 1.390" Purple Standoff	V	1	\$2.99
RE1018	Damper Tube w/ 2-56 Ball End	V	1	\$10.99
RE1026	Revolver "Orlando" T-bar	V	1	\$6.99
RE1028-63	.063" Long T-bar for Revolver	V	1	\$6.00
RE1028-74	.074" Long T-bar for Revolver	V	1	\$6.00
RE1032	Revolver Purple Left Side Bulkhead	V	1	\$14.50
RE1033	Revolver Purple Right Side Bulkhead	V	1	\$16.99
RE1037	Revolver Graphite Bottom Plate	V	1	\$11.99
RE1038	Revolver Graphite Top Plate	V	1	\$10.99
RE1039	Damper Tube w/ 4-40 Ball End	J,V	1	\$9.99
SB5201	SB10SS Graphite Bottom Plate	O	1	\$18.99
SB5202	SB10SS Graphite Top Plate	O	1	\$14.99
SB5204	SB10SS Fiberglass Pivot Ball Plate	O	1	\$3.99
SB5205	SB10SS Fiberglass T-bar Spacer	O,A	1	\$2.29
SB5220	SB10SS T-bar (0.074" Straight Cut)	O,A	1	\$7.99
SB5221	SB10SS T-bar (0.074" 45 deg. Bias Cut)	O,A	1	\$9.49
SB5230	SB10SS Spring Steel Wide T-bar (firm)	O,A	1	\$21.99
SB5231	SB10SS Spring Steel Narrow T-bar (soft)	O,A	1	\$21.99
SB5301	SB10 Graphite Bottom Plate	R	1	\$20.99
SB5302	SB10 Graphite Top Plate	R	1	\$12.99
SB9801	SB12 Graphite Bottom Plate	J	1	\$11.99
SB9802	SB12 Graphite Top Plate	J	1	\$10.99
SB9803	1/12 Symmetrical F'glass T-bar (0.063")	J,A	1	\$6.00
SB9804	1/12 Symmetrical F'glass T-bar (0.074")	J,A	1	\$6.00
SB9805	Machined Nylon T-bar Spacers	J,A	3	\$3.50
SB9806	SB12 Right Side Bulkhead/Motor Plate	J	1	\$15.99
SB9806P	SB12 Right Side Bulkhead, Purple	J	1	\$17.49
SB9807	SB12 Left Side Bulkhead	J	1	\$13.50
SB9807P	SB12 Left Side Bulkhead, Purple	J	1	\$15.00
SS2002	Street Spec T-bar/Bottom Plate	S	1	\$7.99

Shock Parts

EV0030	Nylon Ball Cup	ALL	4	\$1.99
EV0032	Complete Micro Shock	O,R,J,E,V,A	1	\$17.99
EV0033	Aluminum Micro Shock Body	O,R,J,E,V,A	1	\$7.99
EV0033P	Purple Alum. Micro Shock Body	O,R,J,E,V,A	1	\$8.99
EV0034	Nylon Micro Shock Cylinder Nut	O,R,J,E,V,A	2	\$3.49
EV0035	Silicone O-ring, Micro Shock	O,R,J,E,V,A	4	\$0.99
EV0036N	Nylon Adjuster Nut, Micro Shock	O,R,J,E,V,A	2	\$3.49
EV0037	Inner Pressure Spring	O,R,J,E,V,A	4	\$2.99
EV0038	Aluminum Shock Shaft Cap	O,R,J,E,V,A	2	\$8.99
EV0038P	Purple Alum. Shock Shaft Cap	O,R,J,E,V,A	2	\$9.99
EV0039	Micro Shock Shaft	O,R,J,E,V,A	2	\$9.99
EV0040	Brass Micro Shock Shaft Washer	O,R,J,E,V,A	4	\$1.49
EV0041	Micro Shock Spring 5 lb.	O,R,J,E,V,A	2	\$2.00
EV0042	Micro Shock Spring 11 lb.	O,R,J,E,V,A	2	\$2.00
EV0043	Micro Shock Spring 15 lb.	O,R,J,E,V,A	2	\$2.00
EV0044	Micro Shock Spring 23 lb.	O,R,J,E,V,A	2	\$2.00
EV0054	Silicone 1/8" O-ring	O,R,J,E,V,A	4	\$1.29
EV0139	Micro Shock Rebuild Kit	O,R,J,E,V,A	1	\$6.99
EV0145	Complete Micro Shock, Purple	O,R,J,E,V,A	1	\$19.99
EV4022	Large Volume Shock Rebuild Kit	O,R	1	\$3.59
EV4030	Large Volume Shock	O,R	1	\$25.99
EV4030-1	Large Volume Shock Shaft	O,R	1	\$7.99
EV4030-3P	Large Volume Purple Shock Body	O,R	1	\$9.99
EV4030-5	Large Vol. Shock Nylon Adj. Nut	O,R	2	\$2.99
EV4030-8	Large Vol. Shock Shaft End Cap	O,R	1	\$4.99
EV4030-8P	Large Vol. Purple Shock Shaft End Cap	O,R	1	\$5.99
EV4058	Complete Large Volume Shock, Purple	O,R	1	\$24.99
EV4059	.040 Lg. Vol. Shock Spring, Black	O,R	1	\$1.59
EV4060	.045 Lg. Vol. Shock Spring, Purple	O,R	1	\$1.59
EV4061	.050 Lg. Vol. Shock Spring, Yellow	O,R	1	\$1.59
EV4062	.055 Lg. Vol. Shock Spring, Green	O,R	1	\$1.59
EV4063	Lg. Vol. Shock Spring Set (1 ea.)	O,R	1	\$4.99
EV4071	Large Volume Shock Extension Kit	E	1	\$13.99

Differential & Rear Axle Parts

EV0077	On-Road Hollow Graphite Axle	R,E,A	1	\$29.99
EV0078	On-Road Aluminum Diff Hub	R,E,A	1	\$14.99
EV0079	On-Road Aluminum Left Hub	R,E,A	1	\$9.99
EV0080	Thrust Cone	O,R,J,E,V,A	1	\$1.99
EV0080P	Purple Alum. Thrust Cone	O,R,J,E,V,A	1	\$1.99
EV0081	Belleville Washer	ALL	4	\$1.99
EV0082	Nylon Axle Shim Set	ALL	1set	\$2.69
EV0092	Diff Balls	ALL	12	\$2.99
EV0093	Diff Rings	ALL	2	\$1.69
EV0110	Silicone Diff Lube	ALL	1	\$2.50
EV0120	Left Side Purple Clamp Hub (.750")	R,E,A	1	\$25.99
EV0121	SS Purple Alum. Diff Hub	O,E,A	1	\$23.99
EV0122	On-Road Purple Alum. Diff Hub	R,E,A	1	\$25.99
EV0133	On-Road Solid Graphite Axle	R,E,A	1	\$22.00
EV0138	Diff Pinning Kit	O,R,J,E,V,A	1	\$5.99
EV0141	Diff Rebuild Kit	O,R,J,E,V,A	1	\$5.99
EV4008	SS Aluminum Diff Hub	O,S,E,A	1	\$10.99
EV4009	SS Aluminum Left Hub	O,S,E,A	1	\$9.99
EV4012	SS Hollow Graphite Axle	O,J,E,A	1	\$29.99
EV4021	SS Solid Graphite Axle	O,J,E,A	1	\$22.99
EV4050	SS Lt. Wt. Alum. Left Clamp Hub	O,E,A	1	\$29.99
EV4051	SS Lt. Wt. Alum. Hub Set	O,E,A	1	\$49.99
EV4090	Assoc. 10L Lt. Wt. On-Road Diff Hub	R,E,A	1	\$25.99
EV4091	Assoc. 10L On-Road Left Clamp Hub	R,E,A	1	\$25.99
EV4092	Assoc. 10LSO Lt. Wt. Speedway Diff Hub	O,E,A	1	\$23.99
EV4093	Assoc. 10LSO Lt. Wt. Left Clamp Hub	O,E,A	1	\$29.99
EV6010	EV10 LSD Solid Graphite Rear Axle	E	1	\$23.99
EV6011	EV10 LSD Alum. Diff Side Hub	E	1	\$13.99
MM2000	1/4" I.D. Thin Axle Shims	O,R,J,E,V,A	10	\$1.99
RE1023	1/12 Alum. Diff Hub	J,V,A	1	\$6.99
RE1024	1/12 Alum. Left Side Hub	J,V,A	1	\$6.99
RE1034	1/12 Purple Alum. Left Clamp Hub	J,V,A	1	\$14.99
RE1035	1/12 Purple Alum. Diff Side Hub	J,V,A	1	\$15.99
RE1090	Assoc. 12LS Clamping Left Hub	J,V,A	1	\$19.99



Complete Car Parts Listing

SB5085	0.050" Alum. Rear Axle Spacer	O,R,I,E,V,A	2	\$1.59
SB5086	0.100" Alum. Rear Axle Spacer	O,R,I,E,V,A	2	\$1.59
SB5087	0.150" Alum. Rear Axle Spacer	O,R,I,E,V,A	2	\$1.59
SB9808	1/12, 1/10SS Solid Composite Axle	O,I,E,V,A	1	\$19.99
SG095	95 Tooth Zero Friction Spur Gear	O,R,I,E,V,A	1	\$3.99
SG100	100 Tooth Zero Friction Spur Gear	O,R,I,E,V,A	1	\$3.99
SG120	120 Tooth Zero Friction Spur Gear	O,R,I,E,V,A	1	\$3.99
SG128	128 Tooth Zero Friction Spur Gear	O,R,S,E,A	1	\$3.99
SS2013	Nylon Left Hub	O,R,E,A	1	\$3.99
SS2014	Thrust Bearing Set	S	1	\$4.29
SS2016	Steel Rear Axle	S	1	\$2.59
		O,E,S	1	\$7.99

Screws & Hardware

D1052	4-40 x 3/8" Cap Screws, Purple	ALL	12	\$4.99
D1053	4-40 x 3/8" Flat Head Screw, Purple	ALL	12	\$4.99
D1054	8-32 x 7/8" Flat Head Screw, Purple	O,R,E	6	\$2.99
D1055	4-40 x 1/4" Cap Head Screw, Purple	O,R,I,E,V,A	12	\$4.99
EV0028	4-40 Ball Studs, Long	ALL	4	\$5.99
EV0028P	4-40 Purple Ball Studs, Long	ALL	4	\$5.99
EV0029	4-40 Locknuts	ALL	4	\$0.99
EV0047	4-40 Ball Stud	ALL	4	\$3.99
EV0047P	4-40 Ball Stud, Purple	ALL	4	\$4.99
EV0047P25	4-40 Ball Stud, Purple - Bulk	ALL	25	\$24.99
EV0048	4-40 Mini Locknut	ALL	8	\$2.99
EV0049	8-32 x 7/8" Flat Head Screw	ALL	4	\$2.29
EV0050	8-32 Nylon Locknut	S,E,V,A	4	\$1.49
EV0058	1/8" Steel Washers	ALL	4	\$0.99
EV0059	E Clips (0.125")	ALL	12	\$1.49
EV0064	4-40 x 3/8" Steel Flat Head Screw	ALL	8	\$1.49
EV0065	4-40 x 3/8" Steel Cap Head Screw	ALL	8	\$1.49
EV0074	4-40 x 1/2" Steel Flat Head Screw	ALL	8	\$1.49
EV0087	4-40 x 1/8" Set Screws	ALL	8	\$1.29
EV0089	4-40 x 1/2" Steel Cap Head Screw	ALL	5	\$1.49
EV0136P	Extension Purple Ball Studs, Short	O,R,E,A	4	\$6.99
EV0137P	Extension Purple Ball Studs, Long	O,R,E,A	4	\$7.99
EV0142	EV10, EV10SS Purple Alum. Screw Kit	E	1	\$19.99
EV0143	4-40 Mini Locknut, Purple	O,R,I,E,V,A	8	\$3.50
EV0150	2-56x1/4 Purple Button Head Screws	O,R,I,E,V,A	12	\$5.99
EV0151	8-32 x 5/8" Flat Head Screw, Purple	O,R,I,V,A	12	\$4.99
EV0152	4-40 x 1/2" Purple Cap Screws	O,R,I,E,V,A	12	\$5.99
EV0153	4-40 x 1/2" Flat Head Screw, Purple	O,R,I,E,V,A	12	\$4.99
EV0154	4-40 x 3/4" Cap Screw, Purple	I,V,A	12	\$4.99
EV1002	10-32 Set Screws	S	2	\$0.99
EV6012	6-32 Nylon Locknut	O,R,I,E,V	4	\$1.99
RC4027	Brass Motor Shims (0.010")	O,R,I,E,V,A	10	\$1.99
RE1028-1	2-56 x 1/4" Flat Head Screws	V	10	\$1.99
RE1041	2-56 Ball for Damper Tube	I,V	1	\$1.99
RE1042	4-40 x 1/2" Set Screw	O,R,I,V	1	\$0.99
RE1044	4-40 x 1/4" Flat Head Screws, Purple	O,R,I,E,V,A	12	\$4.99
RE1054	4-40 x 1" Steel Flathead Screw	S	2	\$0.99
RE7742	4-40 x 3/4" Steel Cap Head Screw	I,V,A	4	\$1.99
SB5034	4-40 x 1/4" Steel Flat Head Screws	O,R,I,E,V,A	8	\$0.99
SB5041	4-40/5-40 Black Nylon Lock Nut	O,R,I,E,V,A	6	\$1.59
SB5075	SB10 On-Road Purple Screw Kit	R	1	\$19.99
SB5076	SB10SS Speedway Purple Screw Kit	O	1	\$19.99
SB5078	SB12sj Purple Screw Kit	J	1	\$19.99
SS1051	5-40 Steel Locknuts	S	8	\$1.49
SS2009	5-40 Flat Nuts	S	2	\$0.99
SS2020	5-40 x 3/8" Steel Cap Screw	S	4	\$0.99

Ball Bearings & Bushings

EV0055	3/16" x 5/16" Flanged Bearing	E	2	\$12.00
EV0056	1/4" x 3/8" Unflanged Bearing	ALL	1	\$7.50
EV0057	1/4" x 3/8" Flanged Bearing	ALL	2	\$14.00
EV0140	EV10 On-Road Bearing Set	E	1	\$52.99
EV4011	1/8" x 5/16" Flanged Bearing	ALL	2	\$14.00
EV4023	EV10SS Bearing Set	E	1	\$52.99
RE1070	Revolver Ball Bearing Set	V	1	\$52.99
SB5100	SB10 Ball Bearing Set	R	1	\$58.99
SB5101	SB10SS Ball Bearing Set	O	1	\$58.99
SB5102	SB12sj Ball Bearing Set	J	1	\$58.99
SS2008	1/8" x 5/16" Flanged Bushing	ALL	4	\$1.99
SS2015	1/4" x 3/8" Bushing	ALL	2	\$2.99
SS2021	Complete Bearing Set for Street Spec	S	1	\$47.99

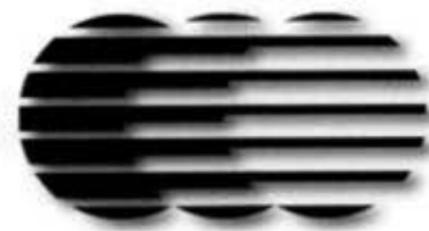
Street Spec Racing Tires

SS2000	Spec Blue Front Tires, as in kit	O,R,S,E,A	2	\$10.99
SS2001	Spec Green Rear Tires, as in kit	O,R,S,E,A	2	\$11.49
SS2100	Spec Green Front Tires	O,R,S,E,A	2	\$10.99
SS2101	Spec Orange Front Tires	O,R,S,E,A	2	\$10.99
SS2102	Spec Blue Rear Tires	O,R,S,E,A	2	\$11.49
SS2233	Spec Touring Green Rear Tires	O,R,S,E,A	2	\$11.49
SS2234	Spec Touring Blue Rear Tires	O,R,S,E,A	2	\$11.49
SS2235	Spec Touring Green Front Tires	O,R,S,E,A	2	\$10.99
SS2236	Spec Touring Blue Front Tires	O,R,S,E,A	2	\$10.99
SS2237	Spec Touring Orange Front Tires	O,R,S,E,A	2	\$10.99

Switch Blade 10 Hop Up Parts

EV0033P	Purple Alum. Micro Shock Body		1	\$8.99
EV0038P	Purple Alum. Shock Shaft Cap		2	\$9.99
EV0041	Micro Shock Spring 5 lb.		2	\$2.00
EV0042	Micro Shock Spring 11 lb.		2	\$2.00
EV0043	Micro Shock Spring 15 lb.		2	\$2.00
EV0044	Micro Shock Spring 23 lb.		2	\$2.00
EV0054	Silicone 1/8" O-ring		4	\$1.29
EV0068P	1/4" Aluminum Pivot Ball, Purple		2	\$3.99
EV0069P	0.895" Purple Aluminum Standoff		2	\$4.99
EV0073P	1/8" Thick Aluminum Spacer, Purple		2	\$1.59
EV0076P	Aluminum Control Link Ball, Purple		4	\$7.50
EV0077	On-Road Hollow Graphite Axle		1	\$29.99
EV0080P	Purple Alum. Thrust Cone		1	\$1.99
EV0088P	On-Road Purple Steering Turnbuckles		2	\$6.99
EV0099	Progressive Frt. Spring Orange, 4-6lb		2	\$2.00
EV0100	Progressive Frt. Spring Blue, 6-8lb		2	\$2.00
EV0101	Progressive Frt. Spring White, 8-10lb		2	\$2.00
EV0102	Progressive Frt. Spring Red, 10-12lb		2	\$2.00
EV0103	Progressive Frt. Spring Green, 12-14lb		2	\$2.00
EV0104	Progressive Frt. Spring Set, 2 ea. size		1	\$8.00
EV0108	More Clearance Pod Plates, Purple		1pr	\$29.99
EV0120	Left Side Purple Clamp Hub (.750")		1	\$25.99
EV0121	SS Purple Alum. Diff Hub		1	\$23.99
EV0122	On-Road Purple Alum. Diff Hub		1	\$25.99
EV0123	Micro Shock Spring Set, 3 ea.		1	\$5.99
EV0125	Constant Rate Frt. Spring Purple, 14lb		2	\$2.00
EV0126	Constant Rate Frt. Spring Black, 16lb		2	\$2.00
EV0127	Constant Rate Frt. Spring Green, 12lb		2	\$2.00
EV0128	Constant Rate Frt. Spring Red, 10lb		2	\$2.00
EV0129	Constant Rate Frt. Spring White, 8lb		2	\$2.00
EV0130	Constant Rate Frt. Spring Blue, 6lb		2	\$2.00
EV0131	Constant Rate Frt. Spring Orange, 4lb		2	\$2.00
EV0132	Constant Rate Frt. Spring Set, 2 ea.		1	\$11.25
EV0145	Complete Micro Shock, Purple		1	\$19.99
EV0150P	1.1" Purple Alum. Standoff		1	\$1.99
EV4012	SS Hollow Graphite Axle		1	\$29.99
EV4017P	SS Purple Alum. Steering Turnbuckles		2	\$6.99
EV4030-3P	Large Volume Purple Shock Body		1	\$9.99
EV4030-8P	Large Vol. Purple Shock Shaft End Cap		1	\$5.99
EV4050	SS Lt. Wt. Purple Left Clamp Hub		1	\$29.99
EV4051	SS Lt. Wt. Purple Alum. Hub Set		1	\$49.99
EV4054	8-32 Alum. Nuts, Purple		8	\$3.99
EV4058	Complete Large Volume Shock, Purple		1	\$24.99
EV4059	.040 Lg. Vol. Shock Spring, Black		1	\$1.59
EV4060	.045 Lg. Vol. Shock Spring, Purple		1	\$1.59
EV4061	.050 Lg. Vol. Shock Spring, Yellow		1	\$1.59
EV4062	.055 Lg. Vol. Shock Spring, Green		1	\$1.59
EV4063	Lg. Vol. Shock Spring Set (1 ea.)		1	\$4.99
RC6053	Purple Alum. Adj. Servo Mounts		2	\$10.99
RC6111	Joel Johnson Transponder Mount		1	\$3.75
RE1014L	Lightweight Alum. T-bar Pivot Balls		2	\$2.99
SB5020L	Lower Susp. Arms (low roll-center)		1pr	\$3.99
SB5031	On-center Steering Block		1pr	\$2.50
SB5032	On-center Front Axle (3/16" dia.)		2	\$7.00
SB5075	SB10 On-Road Purple Screw Kit		1	\$19.99
SB5076	SB10SS Speedway Purple Screw Kit		1	\$19.99
SB5077	SB Purple Alum. Lower Susp. Arms		1pr	\$31.99
SB5080	Alum. Frt. Upper Arm Mounts (0 deg.)		2	\$17.99
SB5081	Alum. Frt. Upper Arm Mounts (10 deg.)		2	\$17.99
SB5085	0.050" Alum. Rear Axle Spacer		2	\$1.59
SB5086	0.100" Alum. Rear Axle Spacer		2	\$1.59
SB5087	0.150" Alum. Rear Axle Spacer		2	\$1.59
SB5221	SB10SS T-bar (0.074" 45 deg. Bias Cut)		1	\$9.49
SB5230	SB10SS Spring Steel Wide T-bar (firm)		1	\$21.99
SB5231	SB10SS Spring Steel Narrow T-bar (soft)		1	\$21.99
SB5307	Graphite Super Speedway Bumper		1	\$17.99





Pointblank is the product line designed for racers by racers. Only Pointblank provides only the highest quality R/C racing products at the most **affordable** prices. Pointblank is available through your local R/C hobby shop and race track.

STOCK MOTORS



- P-360 Vampyre Stock Motor ***\$40.00**
27T 24 degree ROAR legal, Silver compound RC4444 brushes and heavy tension Black Tech laydown motor springs. Black Epic Based.
- P-370 Vampyre Stock Motor, Reverse ***\$40.00**
Same as above but reverse rotation.
- P-440 Vampyre Pro Dyno Tuned 2% Stock Motor ***\$40.00**
Dyno tuned and tweaked version of the Vampyre Stock motor. Only the top 2% of the motors tested get the full dyno treatment. Excellent for buggy racing, high torque.



- P-395 FlashPoint Stock, 27T, 24 degree ROAR legal ***\$40.00**
27T 24 degree ROAR legal, Silver compound RC4444 brushes and heavy tension Black Tech laydown motor springs. Silver Epic Based.
- P-396 FlashPoint Reverse Stock, 27T, 24 degree ***\$40.00**
Same as above but reverse rotation.

KINWALD POINTBLANK HAND WOUND MODIFIED MOTORS

These Pointblank modified motors use the Epic Gray Team Kinwald motor set-ups with epoxy balanced hand wound armatures. 5.2v Wet magnets, ball bearings, adjustable timing.

- P-638 10 turn quad ***\$85.00**
- P-639 12 turn triple ***\$85.00**
- P-640 13 turn triple ***\$85.00**
- P-641 15 turn double ***\$85.00**

SPEC MODIFIED MOTORS

- P-191 Speed Spec Modified Motor ***\$75.00**
Modified class "Spec" motor. 19 turn modified motor with tagged armature for easy tech identification. The perfect class for drivers who want more speed than modified but do not want to run stock. A popular class at King, On-Trax, Mushroom Bowl etc.
- P-192 Speed Spec Replacement Armature 19T ***\$49.99**

POINTBLANK PRO MODIFIED MOTORS

Off-road modified motors. Epic black motor set-up. 5.2v Wet magnets, dual ball bearings, adjustable timing.

- P-441 10 Turn Triple Pro Modified ***\$95.00**
- P-442 11 Turn Triple Pro Modified ***\$95.00**
- P-443 12 Turn Double Pro Modified ***\$95.00**
- P-444 13 Turn Triple Pro Modified ***\$95.00**
- P-445 14 Turn Double Pro Modified ***\$95.00**
- P-446 15 Turn Triple Pro Modified ***\$95.00**

IMPACT MODIFIED MOTORS

The Impact modified features a special machined motor can or iron that is thicker behind the magnets to help contain the magnetic field. These run great on super speedways. Impact modified motors are available with any of the winds used in the Dirtinator 2 and 3 modified motors. When you ask your hobby shop to order one for you, be sure to specify the wind. Impact motor orders take 5 to 7 days to process.

- P1000 Impact Super Modified (choice of wind) ***\$129.99**

RARE EARTH MAGNET EPOXY BALANCED HIGH PERFORMANCE DRAG MOTORS

- P-660 Rare Earth 8 Turn ***\$229.00**
- P-551 Rare Earth 9 Turn ***\$229.00**
- P-662 Rare Earth 10 Turn ***\$229.00**
- P-663 Rare Earth 11 Turn ***\$229.00**

POINT BLANK MACHINE WOUND MODIFIEDS

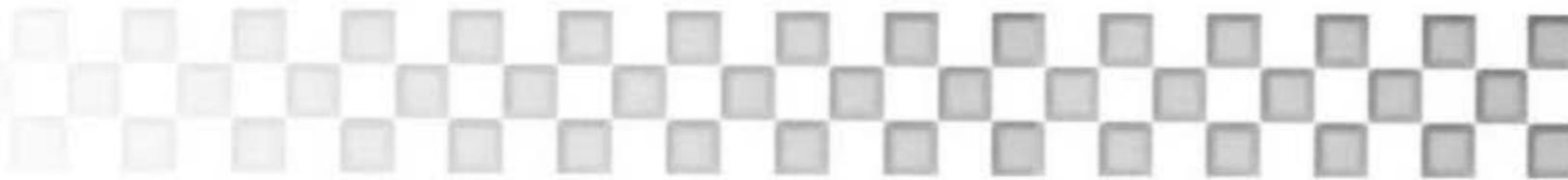
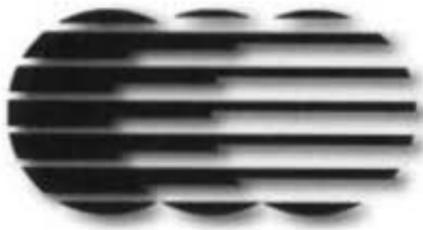
- P-414 14 Turn Quad Machine Wound Modified ***\$41.99**

POINT BLANK MOTOR ACCESSORIES

- P-649 Pointblank Kinwald Motor Setup, gray ***\$55.00**
- P-650 Pointblank Kinwald Endbell, gray style ***\$25.99**
- P-651 Pointblank Kinwald Motor Can, gray style ***\$34.99**
- P-652 Pointblank Kinwald Timing Ring w/ screws ***\$2.49**
- P-205 Motor Capacitors, 6 pcs ***\$3.99**



- P-210 PointBlank Motor Spray ***\$5.99**
New spray that is super strong for cleaning dirt from your stock and modified motors, but safe enough to use on most plastics. Great for cleaning out old shock oil and cleaning dirt off suspension components. Super big 20 ounce can!



BATTERIES



- | | | |
|-------|--------------------------------------|-----------|
| P-536 | 6 Cell 1400 Power Pack Sport Pack | *\$24.99 |
| P-537 | 6 Cell RC-2000 Power Pack Sport Pack | **\$75.00 |
| P-538 | 6 Cell RC-1700 Power Pack Sport Pack | **\$49.99 |
| P-447 | Matched & Assembled Sanyo RC-2000 | **\$85.99 |
- Matched by Trinity and assembled by Epic for the highest grade assembled Sanyo RC-2000 pack you can buy. High capacity. Tamiya style connectors. 20 Amp discharge, stickered cells.*
- | | | |
|-------|---|-----------|
| P-820 | High Voltage Sanyo RC-2000 Matched Pack | **\$94.99 |
|-------|---|-----------|
- 380-387 sec., 1.15-1.16V @ 20 amps. Special VIS EX-TRA processed cells picked for high voltage output for stock class racing.*
- | | | |
|-------|-----------------------------------|-----------|
| P-810 | Same as above but 4 cells | **\$72.99 |
| P-448 | Matched & Assembled Sanyo RC-1700 | **\$69.99 |
- Matched by Trinity and assembled by Epic for the highest grade assembled Sanyo RC-1700 pack you can buy. High capacity. Tamiya style connectors. 20 Amp discharge, stickered cells.*

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NUMBER**

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Edison, NJ 08820
Ph: 732-635-1600
F: 732-635-1640

*Technical questions will be answered only between the following hours;
8:00 to 10:00 am & 5:00 to 6:30 pm EST!
www.teamtrinity.com*

NEAL MCCURDY'S NOTEBOOK charging vis ex-tra packs

CHARGING:

SANYO: RC-2000 These cells withstand abuse well, but care is still advised for longest life. We suggest charging at 4 to 5 amps. This is a good compromise between performance and life. Charging lower will yield longer cell and pack life. Charging at higher rates will reduce overall cell life but may sometimes improve pack voltage. We do not recommend charging RC-2000's at more than 8 amps.

SANYO: RC-1700 These cells withstand abuse much better than most other R/C type cells, but care is still advised for longest life. We suggest charging at 5 amps. This is a good compromise between performance and life. Charging lower will produce longer cell life. Charging at a higher rate will reduce cell life but may improve pack voltage. We do not recommend charging RC-1700's at more than 10 amps.

There are many good chargers on the market and a few that are not so good. We recommend a peak detection type charger for best performance. We do not recommend timer type chargers because they do not provide a reliable point for charge termination. You may end up with an over or under charged pack with this type of charger. Competition Electronics, Novak and Tekin all make good reliable units.

If you can afford it, buy a charger with a discharge function built into it. It makes life much easier. We use Competition Electronics Turbo Flex chargers here at the factory and many of our factory team drivers use their products as well. Be sure to use a stable power source to power your charger. A car battery may not be good enough. Check your charger's instructions.

DISCHARGING:

This depends on how you use your packs. If you regularly drive your car or truck until it has slowed significantly or stops, you may not need to do anything further. If you do not run your pack out or if you still have a lot of energy left in your pack after a qualifying or main run, you must extract the remaining power from the pack before you recharge it. Many devices will work for this purpose.. If your charger has a discharge function use that. We prefer a twenty to thirty amp discharge rate. Discharge the pack to 0.90 volts per cell at 20 to 25 amps and 0.85 volts per cell at 27 to 30 amps. After discharging the pack discharge each individual cell. You may use your pack discharger if you can adjust the cutoff voltage to a lower value. We set our Turbo Flex cutoff voltage to 0.10 volt when we are discharging individual cells. You may also use a discharge tray such as our RC-5900 or RC-5009 for this purpose. We recommend them highly. When you can get the voltage across each individual cell(while it is under a load) to under 0.5 volt the pack is pretty well discharged.

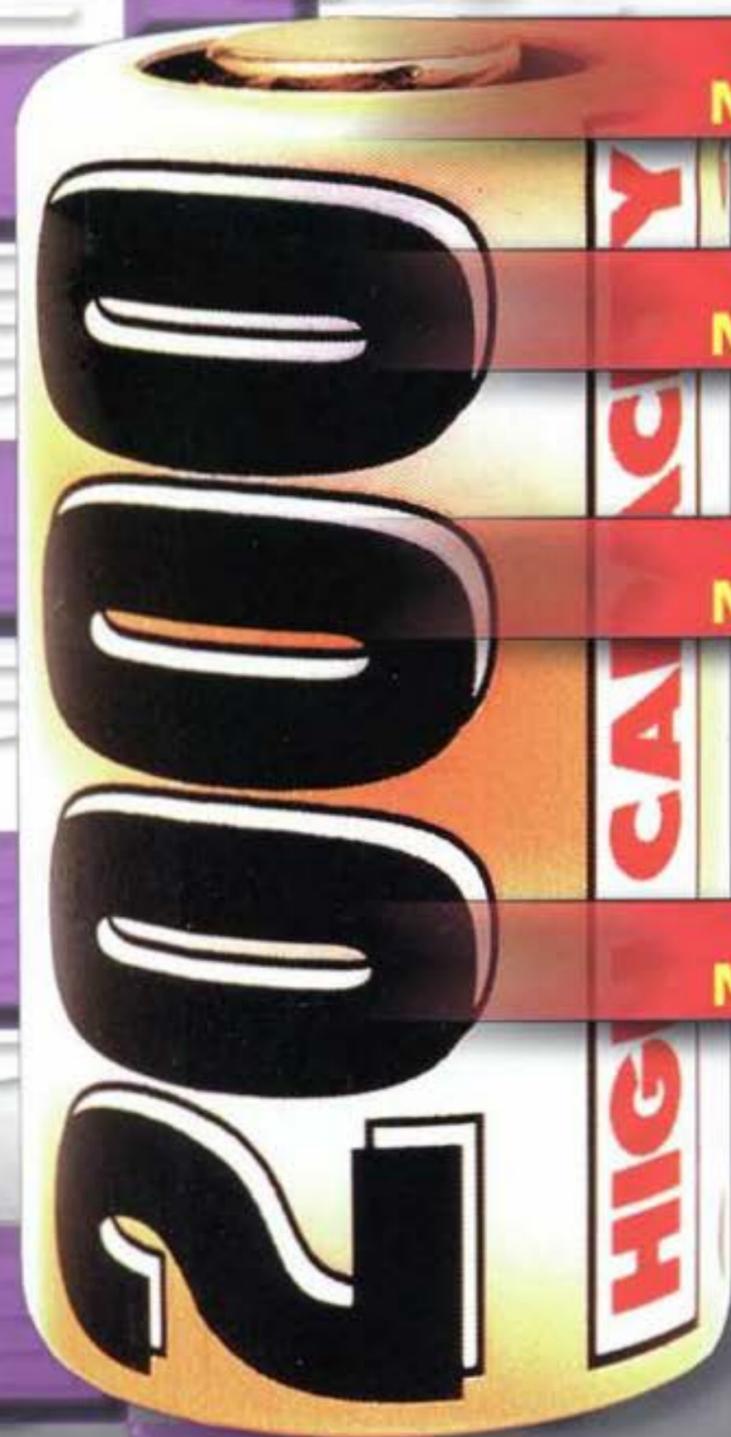


SANYO™

RC-20000

The Best Batteries Just Got Better!

New Pricing On Trinity RC-2000 Battery Packs

**20 AMP
NUMBERS****20 AMP
NUMBERS****20 AMP
NUMBERS****20 AMP
NUMBERS****SPORT-TECH MATCHED, UNASSEMBLED**

375-383 sec., 1.13-1.14V @ 20 amp

Charge Rate: 6.0A Voltage Cutoff: .90V

EXS204 4 Cell 20 Amp Sport-Tech

\$49.99

EXS206 6 Cell 20 Amp Sport-Tech

\$73.99

RACE-TECH MATCHED, UNASSEMBLED

384-394 sec., 1.13-1.14V @ 20 amp

305-315 sec., 1.10-1.12V @ 25 amp

Charge Rate: 5.0A Voltage Cutoff: .90V

EXR204 4 Cell 25 Amp Race-Tech

\$56.99

EXR206 6 Cell 25 Amp Race-Tech

\$89.99

WORLD-TECH MATCHED, UNASSEMBLED

395-405 sec., 1.13-1.14V @ 20 amp

260-267 sec., 1.08-1.09V @ 30 amp

Charge Rate: 4.0A Voltage Cutoff: .85V

EXW204 4 Cell 30 Amp World-Tech

\$65.99

EXW206 6 Cell 30 Amp World-Tech

\$98.99

SPORT TECH ASSEMBLED MATCHED STICKS

EXS200A 6 Cell Stick Pack 20 Amp Sport-Tech

\$85.99

VIS EX-TRA MATCHED, UNASSEMBLED

395-405 sec., 1.15-1.17V @ 20 amp

260-267 sec., 1.10-1.12V @ 30 amp

Charge Rate: 6.0A Voltage Cutoff: .85V

VIS2004 4 Cell 30 Amp VIS EX-TRA

\$81.99

VIS2006 6 Cell 30 Amp VIS EX-TRA

\$124.00

VIS EX-TRA TEAM ASSEMBLED BATTERY PACKS

VIS2008 6 Cell Side by Side, (Off-road Buggies/Oval) \$139.99

VIS2009 6 Cell Saddle, (On-road, XX-4/Street Weapon) \$139.99

ASSEMBLED EX-TECH RACING PACKS

RC5908 6 Cell Stick (All Buggies/Trucks) \$75.00

RC5912 7 Cell Flat (Oval/Buggies/Trucks) \$89.99

RC5915 7 Cell Hump (Buggies/Trucks) \$89.99

RC5918 6 Cell LTO (Speedway/Buggy) \$78.00

RC5921 7 cell LTO (Dirt Oval/Buggies) \$91.99

RC5923 6 Cell Saddle (XX-4/Street Weapon) \$78.00

The matching sticker on the outside of our battery box will now show our standard capacity and voltage output numbers, (20 amp Sport-Tech, 25 amp Race-Tech and 30 amp World-Tech/VIS EX-TRA), plus a 20 amp rating based on a .90 volt cutoff for easier battery comparison. All run time and average voltage figures listed are averages based on the past performance of the Sanyo product. Trinity can not always guarantee these numbers due to variations in the date codes of Sanyo cells.

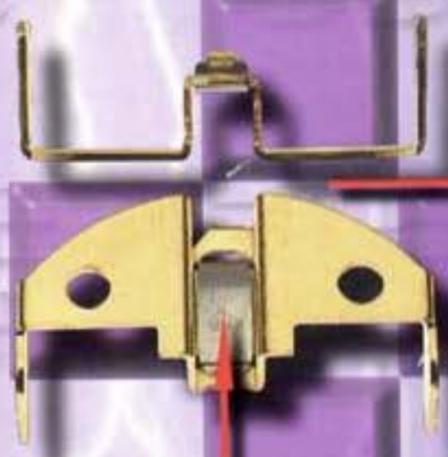
**PARENTAL
ADVISORY
EXPLICIT**

TRINITY

**SAVE OUR HOBBY
RECYCLE YOUR CELLS**

MIDNIGHT

High Power ROAR Stock

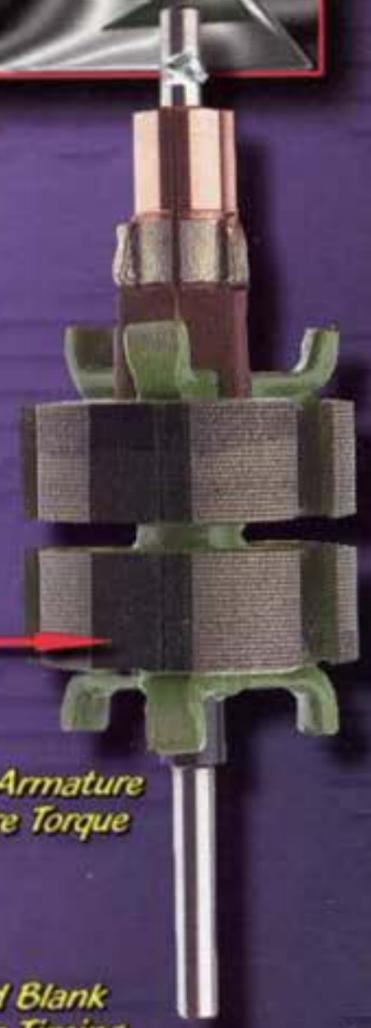
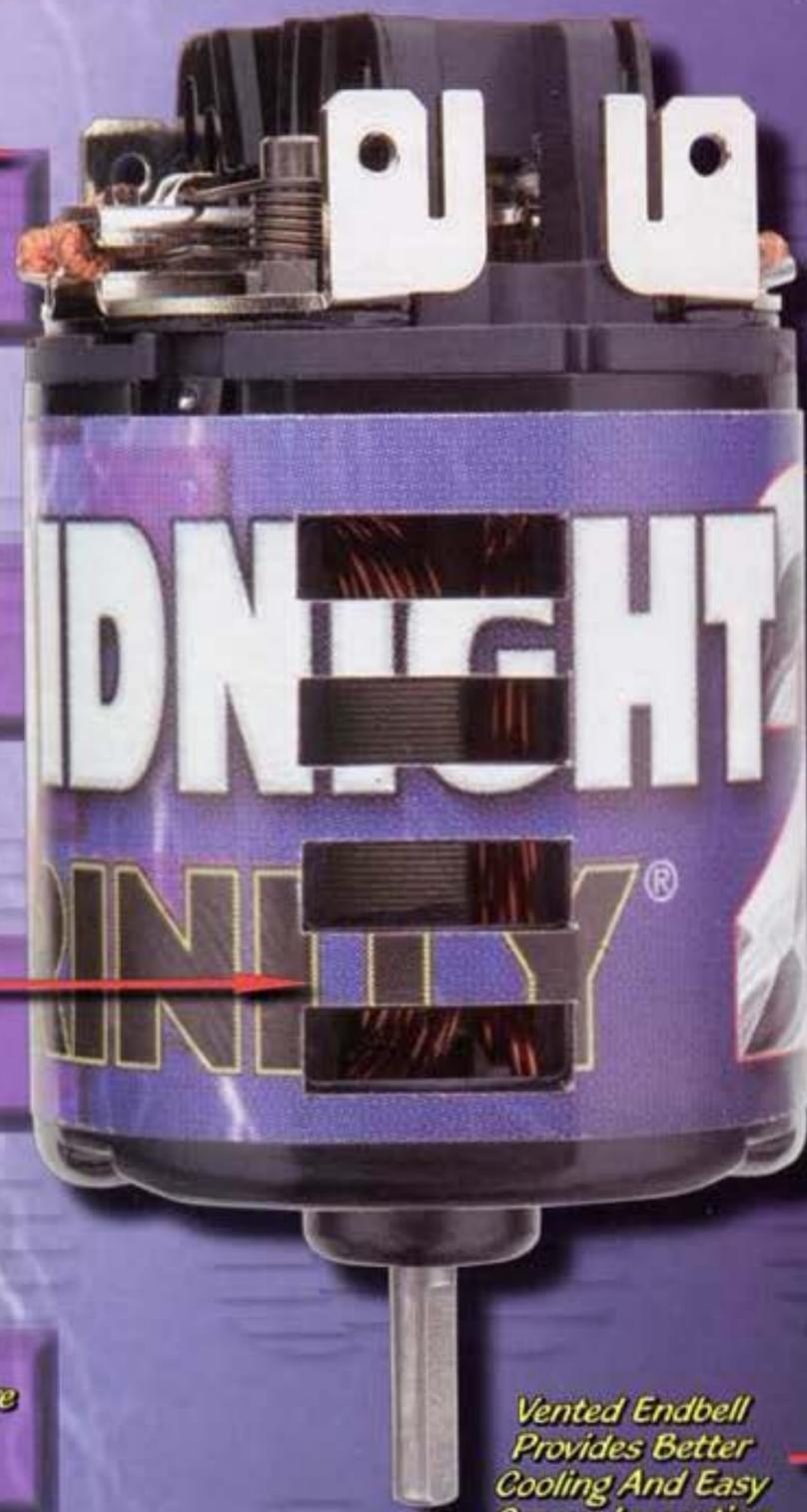


*Laydown Brush Hoods
Feature A Brush Stabilizing
System To End Brush Bounce*

*More Efficient Venting
For Cooler Operation*



*LCG Flat Carri™ Moves
Magnetic Field Closer To Armature
For More Torque And Power*



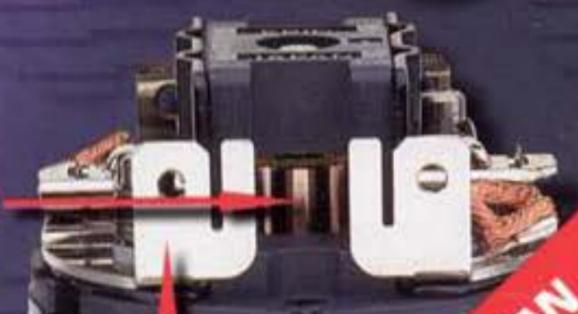
*Z Speed Armature
Has More Torque*

*Stepped Blank
Increases Timing*



*Vented Endbell
Provides Better
Cooling And Easy
Comm Inspection*

*Bigger Solder Tabs
Will Still Accept
No Solder Leads*



6.0V VET MAGNETS

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EXPLICIT

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**MORE TORQUE THAN
THE ORIGINAL
MIDNIGHT!**