



Sydney Radio Control Car Club

CLUB RULES

For 1/8th and 1/10th Short Course Trucks

Effective: 14 March 2009

Web address: www.sydneyrc.com

ALCOHOL AND DRUGS:

The consumption of any alcohol or the use of any drugs is prohibited in the immediate vicinity of the track, or within the grounds of the Club.

Smoking, drinking or eating is NOT prohibited within the track boundaries whilst marshalling.

The use of Mobile Phones within the track boundaries is not permitted (radio interference)



LANGUAGE

The use of any filthy or abusive language to OR by any member or official of the Club will not be tolerated and **WILL AT THE DISCRETION OF THE CLUB EXECUTIVE BRING INSTANT DISQUALIFICATION** of the offending driver from the entire event

GENERAL CLUB RULES

- 1 All General rules and procedures in this book apply to all classes. There is always the possibility of an apparent contradiction within these rules by another rule in the type, class or scale specific sections also found in this rulebook.
- 2 The class will now adopt the name of Short Course Slash Trucks, otherwise known as SC Slash Trucks.
- 3 The class will run with 2 sub classes inside the SC Slash Truck class, both shall run together, unless excessive entry numbers dictate that the class be split.
- 4 The basis of the 2 sub classes is to meet everyone's need, a box stock category for Novice drivers and budget minded competitors, and a "tuned" class for seasoned racers who need to tinker and improve their models to feel satisfied. This will also allow competitors who wish to run the Associated SC 10 in the class, also, provide a goal for the new drivers to reach for.
- 5 The identity and spirit of Short Course Slash Truck racing is intact, and will not become a second Stadium Truck class.

Short Course Truck guidelines

SC Slash Spec Class. (Out of the Box class) For novice drivers or the driver on a budget.

- 1 Open to Traxxas Slash Short Course (#5805) kits only.
- 2 Kits must **NOT BE** modified, lightened or enhanced in any way, including removal of any material from chassis, body or tyres (*1)
- 3 Only six (6) cell Nickel Metal Hydride battery packs up to 4300 mAH are permitted.
- 4 **Novice (Junior drivers under 16 years) ARE NOT PERMITTED to use LiPo batteries**, until they receive satisfactory instruction from senior club members on

their use, charging and safety issues relevant to these batteries, however the Budget (experienced) drivers will be permitted.
The minimum club safety rules must be adhered to at all times.
Please refer to page 5.

- 5 Only kit supplied Titan 12T 550 modified motor with internal cooling fan may be used.
- 6 The use of any Brushless motor system is prohibited in SC Slash Spec Class.
- 7 Competitors can (and it is recommended to) use a **29 MHz or 2.4 GHz** radio transmitter and receiver to free up frequency clashes.
- 8 Competitors in the Spec Class will make sure prior to the commencement of a race meeting that their vehicles are wearing the Official Race Numbers which will be supplied by the Ryde Club at all meetings they attend to aid in the identification of Novice drivers.
- 9 **SC Slash Spec Trucks:** the following items must remain as supplied, any replacements due to breakage or wear must be replaced with identical items.
 - XL-5 Watertight Electronic Speed Control system
 - Digital high-torque waterproof steering servo
 - 13.2 inch wheelbase, over 3.5 inches of ground clearance
 - Chassis nerf bars absorb impact and support the body
 - Scale front and rear tube-style bumpers
 - Magnum 272 metal-gear transmission with ball bearings
 - Revo-spec Torque-Control slipper clutch system
 - Captured rod ends won't pop off for superior durability
 - Efficient rubber-sealed ball bearings
 - Fully adjustable Ultra Shocks with X-ring technology

Upgrades permitted in SC Slash Spec Class are:

- 1 To rectify wear points, bearing carriers and caster blocks may be upgraded when originally supplied parts need replacements to:
Traxxas Part # 3236X (Red), Part # 3236A (Blue) 30* Aluminium caster blocks (front);
Traxxas Part # 3652X (Red), Part # 3652A (Blue) Aluminium bearing carriers (rear);
Hot Racing Part # TE1019 "Blue front C shape hub";
Hot Racing Part # TE1901 "Black front C shape hub (front);
Fastlane Machine Part # FLM26900 Rear bearing carriers;
RD Logics Part # SLA001 Aluminium Caster and steering block set;
RD Logics Part # SLA012 Aluminium rear bearing carriers / *and similar*/
- 2 Traxxas Big Bore shock caps Part # TRX2667 are permitted. When originally supplied caps are broken you may replace the molded shock caps on your Traxxas shocks with the increased durability and superior sealing of hard-anodized, Teflon-coated aluminum shock caps.
- 3 Replacement tyres, competitors may use Proline Switch tyres and Epic rims as a suitable replacement once the competitor has worn his/hers to the point they no longer yield acceptable traction.

Part #: 2704-02 (Black) #2704-03 (Silver) #2704-04 (Red) Epic beadlock wheel Front, fits Traxxas Slash
Part #: 2704-02 (Black) #2704-03 (Silver) #2704-04 (Red) Epic beadlock wheel Rear, fits Traxxas Slash
Part # 1076-1 Switch tyres for Traxxas Slash
Part # 1076-11 (Red/Black) Pre-mounted on FRONT Epic Bead-Loc for Slash
Part #1076-12 (Red/Black) Pre-mounted on REAR Epic Bead-Loc for Slash

- 4 The Epic wheel is made specifically for use with Switch tyres only! The mounting bead is different for the Bead-Loc system, than the standard 2.2" glued tyres. Using other tyres with this wheel will cause the tyres not to seat.
Part #: 1076-01 - M2 Epic Wheels
- 5 The body shell can be drilled to allow mounting of club transponders, hole size must be 6mm.
- 6 Competitors can (and it is recommended to) use a **29 MHz or 2.4 GHz** radio transmitter and received to free up frequency clashes.
- 7 Any "Slash" specific body such as: Proline Hard CORR Part# PRO328300 or PRO329102, Jconcepts Part# 0076 Illuzion – Slash Truth body, AE SC10 etc., may be used to aid identification on the track.
- 8 For individual tuning, Shock oil is open, but stock springs must be used.
- 9 Gear Ratio: The Slash #5805 is supplied with an 18 tooth and 23 tooth pinion, and either or any pinion in between is allowed. However, use of any pinion other than the 18 factory fitted is not recommended.

SC Pro Slash Class. For the more experienced driver, and the driver who wishes to tune their model, or models of the 1/10 CORR 2wd class from other manufacturers, e.g. Associated SC10.

Eligibility: Traxxas Slash, Associated SC10 (other models will be added to this class as they are released and upon review).

For the benefit of clarity, from here on "Slash" is used as a generic term for 1/10 CORR trucks accepted in this category.

The "spirit" of the "Slash" must be retained at all times. With the body secured on, the model should look like a "Slash" (full coverage CORR Short Course racing pick up truck) and retaining the "look", hence "spirit" is essential for entry.

- 1 Any tuning / strengthening parts may be used.
- 2 Front and rear bumpers of a flexible material must be installed to race.
- 3 Low CG chassis are permitted (to equalize the Slash to the SC10), from manufacturers such as Fastlane and Thundertech.

- 4 The body shall cover the entire width of the top (re: centre line above the axle) of the tyre at the highest point of the tyre when viewed from above and front wheels are positioned straight ahead. (The slash in standard form does not cover the front wheels completely when viewed from above. A portion of the front tyre protrudes beyond the front of the body).
- 5 Competitors can (and is recommended to) use a 29 MHz or 2.4 GHz radio transmitter and receiver to free up frequency clashes. Any onboard electronics system may be used.
- 6 Only six (6) cell Nickel Metal Hydride battery packs up to 4300 mAH are permitted or 2 Cell Lipo batteries only.
- 7 Experienced drivers only **ARE PERMITTED** to use LiPo batteries, however charging and safety precautions relevant to these batteries must be strictly adhered to. The minimum club safety rules must be adhered to at all times. (*2)
- 8 Any "Slash" specific body such as: Proline Hard CORR Part# PRO328300 or PRO329102, Jconcepts, AE SC10 etc., may be used to aid identification on the track.
- 9 Replacement tyres, competitors may use Proline Switch tyres and Epic rims as a suitable replacement once the competitor has worn his/her's to the point they no longer yield acceptable traction.
 - Part #: 2704-02 (Black) #2704-03 (Silver) #2704-04 (Red) Epic beadlock wheel Front, fits Traxxas Slash
 - Part #: 2704-02 (Black) #2704-03 (Silver) #2704-04 (Red) Epic beadlock wheel Rear, fits Traxxas Slash
 - Part # 1076-1 Switch tyres for Traxxas Slash
 - Part # 1076-11 (Red/Black) Pre-mounted on FRONT Epic Bead-Loc for Slash
 - Part #1076-12 (Red/Black) Pre-mounted on REAR Epic Bead-Loc for Slash
- 10 The Epic wheel is made specifically for use with Switch tyres only! The mounting bead is different for the Bead-Loc system, than the standard 2.2" glued tyres. Using other tyres with this wheel will cause the tyres not to seat.
Part #: 1076-01 - M2 Epic Wheels
- 11 Motors: only the Traxxas Titan 12 turn 550 and the LRP Big Block Special 12 turn 550 motors are permitted. When a matched brushless system is found this will be added for reliability reasons.

12 (*2) RYDE CLUB'S MINIMUM LIPO BATTERY STANDARDS

1. Store and charge, in a fireproof container; never in your model.
2. **LIPO SACKS ARE COMPULSORY AT ALL RYDE RACE MEETINGS**
3. Charge in a protected area devoid of combustibles. Always stand watch over the charging process. Never leave the charging process unattended.
4. In the event of damage from crashes, etc, carefully remove to a safe place for at least a half hour to observe. Physically damaged cells could erupt into flame and after sufficient time to ensure safety, should be discarded in accordance with the instructions which came with the batteries. Never attempt to charge a cell with physical damage, regardless of how slight.
5. Always use chargers designed for the specific purpose, preferably having a fixed setting for your particular pack. Many fires occur in using selectable/adjustable chargers improperly set. Never attempt to charge Lithium cells with a charger which is not specifically designed for charging Lithium cells. Never use chargers designed for Nickel Cadmium batteries.
6. Use charging systems that monitor and control the charge state of each cell in the pack. Unbalanced cells can lead to disaster if it permits overcharge of a single cell in the pack. If the batteries show any sign of swelling, discontinue charging and remove them to a safe place outside as they could erupt into flames.
BALANCERS MUST BE USED WHEN CHARGING LIPO BATTERIES.
7. Most important: **NEVER PLUG IN A BATTERY AND LEAVE IT TO CHARGE UNATTENDED OVERNIGHT.** Serious fires have resulted from this practice.
8. Do not attempt to make your own battery packs from individual cells.

These batteries CANNOT be handled and charged casually such as has been the practice for years with other types of batteries. The consequence of this practice can be very serious resulting in major property damage and/or personal harm.

Only hard pack cells which appear on the R.O.A.R. 2008 Approved List below can be used at a Ryde Club race meeting.

The Club takes No responsibility for any damage caused by the use of Lipo batteries in our racing.

Using Lipo batteries which are not on the approved LiPo Battery listing which can be downloaded from the club website will mean that the RESPONSIBILITY for any loss or damage caused to yours or someone else's property will fall in the person using the equipment.

A suitable Fire Extinguisher and Fire Blanket are located at the Canteen.

These rules are the MINIMUM STANDARD LIPO BATTERY RECOMMENDATIONS that this club will permit.