

## The 2010 Short-Course Nationals Rules (revised 4-21-10)

### 2wd Stock (SC10, Blitz, Strike, SCx, Slash, Ultima SC, & Pro-2wd type vehicles and similar)

#### **Electronics:**

Open to all servos, brushless speed controls, Transmitters/Receivers (the use of a 2.4GHZ Radio System is strongly encouraged).

#### **Battery:**

6 – 7 cell NiMH Style Battery Packs or 2-Cell LiPo or LiFe Type Battery Packs Only.

#### **Motor:**

Must use a 17.5 Turn ROAR Approved Brushless Motor From ANY Manufacturer. Labeling On The Motor Must be Clear. A 27 Turn ROAR Legal brushed motor of any type is also allowed.

#### **Tires:**

Must use OEM tires from the SC10, Blitz, Strike, SCx, etc... Any combination of these tires on any vehicle is allowed.

NOTE: HPI D-compound, belted, standard RTR tire, Part Number #103337 ONLY from the Blitz. S Compound Traxxas tires are not allowed.

#### **Body:**

Full fender short course inspired bodies only.

#### **Chassis/Suspension:**

Open to any and all option parts intended for the use on SC vehicles

#### **Minimum Weight:**

2100g Minimum Weight

#### **NOTE:**

Other vehicles conforming to the above mentioned rules and specs may be allowed pending race director's approval.

### Electric 2wd Open (SC10, Blitz, Strike, SCx, Slash Ultima SC, & Pro-2wd type vehicles)

#### **Motor/Electronics:**

Open to any motor not exceeding 540 ("05") in size, brushed or brushless. Open to any speed control, brushed or brushless. Open to any steering servo. Open to any transmitter/receiver (the use of a 2.4GHZ Radio System Is Strongly Encouraged)

#### **Battery:**

6 - 7-cell NiMH Style Battery Packs or 2-Cell LiPo or LiFe Type Battery Packs.

#### **Tires/Wheels:**

In the spirit of Short- Course racing only Tires/Wheels Intended For Use In Short-Course Style R/C Racing Are Allowed. This means no 1/8 scale buggy tires and wheels.

#### **Body:**

Full fender short course inspired bodies only.

#### **Chassis/Suspension:**

Open to any and all option parts intended for the use on SC vehicles

#### **NOTE:**

Other vehicles conforming to the above mentioned rules and specs may be allowed pending race director's approval.

### **Slash Spec**

#### **The following must be factory stock OEM items:**

Motor, chassis, suspension arms, shock towers, steering bellcrank, transmission including differential, tires, wheels, speed control, servo, shock bodies, skid plates, bumpers, driveshafts, ETC.

#### **The use of the following aftermarket items are allowed:**

Receiver/Transmitter (the use of a 2.4GHZ Radio System Is Strongly Encouraged), C-Hubs, Steering Knuckles, Rear Hubs, Shock Caps, Shock Oil, Shock Springs, Battery/Motor Connectors. If it does not say you can change the item, you can't. SWAY BARS ARE NOT ALLOWED

#### **Body:**

Open to all full fender short course inspired bodies only.

#### **Battery:**

Vehicles May Use 6 or 7 cell NiMH Style Battery Packs or 2-Cell LiPo or LiFe Type Battery Packs.

### **Mini Short Course (SC18, Vendetta SC, Slash VXL)**

#### **Battery:**

Vehicles May Use 6 or 7-cell NiMH Style Battery Packs or 2-Cell LiPo or LiFe Type Battery Packs.

#### **Body:**

Full fender short course inspired bodies only.

#### **Chassis/Suspension:**

Open to any and all option parts intended for the use on mini SC vehicles

#### **Tires/Wheels:**

In the spirit of Short- Course racing only Tires/Wheels Intended For Use In Short-Course Style R/C Racing Are Allowed.

### **4wd Nitro Open (1/10 & 1/8)**

#### **Motor:**

Vehicles may use any nitro powered motor so long as modification of the chassis is not required. The use of aftermarket motor mounts is allowed.

#### **Electronics:**

Open Servos, Receiver Pack, Transmitter/Receiver (the use of a 2.4GHZ Radio System Is Strongly Encouraged)

#### **Tires/Wheels**

In the spirit of Short- Course racing only Tires/Wheels Intended For Use In Short-Course Style R/C Racing Are Allowed. This means no 1/8 scale buggy tires and wheels.

#### **Body:**

Full fender short course inspired bodies only.

**Chassis/Suspension:**

Open to any and all option parts intended for the use on mini SC vehicles

**NOTE:**

Other vehicles conforming to the above mentioned rules and specs may be allowed pending race director's approval.

**4wd Big Block (1/8 vehicles ONLY, SC8e, etc... )****Motor/Electronics:**

Open to any motor brushed or brushless **ABOVE** 540 in size. Open to any speed control, brushed or brushless. Open to any steering servo. Open to any transmitter/receiver (the use of a 2.4GHZ Radio System Is Strongly Encouraged)

**Battery:**

Minimum of 3S Lipo (11.1 Volts)

**Tires/Wheels:**

In the spirit of Short- Course racing only Tires/Wheels Intended For Use In Short-Course Style R/C Racing Are Allowed. This means no 1/8 scale buggy tires and wheels.

**Body:**

Full fender short course inspired bodies only.

**Chassis/Suspension:**

Open to any and all option parts intended for the use on mini SC vehicles

**NOTE:**

Other vehicles conforming to the above mentioned rules and specs may be allowed pending race director's approval.

**4wd Small Block (1/10 vehicles ONLY, Jammin' 4X4 SC, Slash 4x4, etc... )****Motor/Electronics:**

Open to any motor brushed or brushless 540 or 550 in size. Open to any speed control, brushed or brushless. Open to any steering servo. Open to any transmitter/receiver (the use of a 2.4GHZ Radio System Is Strongly Encouraged)

**Battery:**

Not to exceed 2-Cell LiPo OR LiFe or 7-Cell NiMH

**Tires/Wheels:**

In the spirit of Short- Course racing only Tires/Wheels Intended For Use In Short-Course Style R/C Racing Are Allowed. This means no 1/8 scale buggy tires and wheels.

**Body:**

Full fender short course inspired bodies only.

**Chassis/Suspension:**

Open to any and all option parts intended for the use on mini SC vehicles

**NOTE:**

Other vehicles conforming to the above mentioned rules and specs may be allowed pending race director's approval.

**Other Important Rules:****Dimensions:**

Vehicles must be within +/- 5mm of the factory stock dimensions

**Race Format:**

All qualifying races (electric and nitro) will be 5-minutes long

Electric 2wd Mains will be 6-minutes long

Electric 4wd Small Block Mains will be 6 minutes long

Electric 4wd Big Block Mains will be 10 minutes long

Nitro A-Mains will be 15-Minutes long

Nitro B-Mains will be 10 Minutes long

All other nitro mains will be 5-minutes long

All races, including qualifying and mains, will be heads up in style. Vehicles will be lined up 4-wide on the straight-a-way (this will make for 3 rows) and when the starting tone sounds the race will begin.

**Bump-Ups**

Once qualifying is complete 10 vehicles will be placed in each main based on their single best qualifying time. Lower mains will be raced first with the top two vehicles (first and second place) bumping up the next, higher, main. This will make for a maximum of 12 vehicles in subsequent mains.

**Transponders:**

While not required, the use of personal transponders is strongly suggested.