

DUBUQUE FAIRGROUNDS RC RACEWAY

DIRT TRACK 2024

GENERAL RULES

- 1) NO illegal substances or alcoholic beverages are permitted at any DFRCR racing event.
- 2) Foul language, aggressive or abusive behavior will not be tolerated.
- 3) Remember this is supposed to be fun. **Physical contact/ Slandering of any kind may result in loss of all points and a 1 year suspension from date of infraction, from all DFRCR sanctioned events.**
- 4) Race director and/or computer operator and Drivers should not be distracted during races.
- 5) Race director reserves the right to "black flag" any drivers who are operating in a reckless or uncontrolled manner or that may constitute a hazard to other drivers in a race.
- 6) If you leave the driver's stand during a race, you should not return to the race. When exiting the driver's stand, no driver shall walk across the race track or in front of other drivers.
- 7) You must corner marshal the race following your race. If a substitute is needed due to physical or other reasons, it is your responsibility to arrange for a substitute.
- 8) Corner marshals must pay attention to their area and be ready to give assistance or remove cars from the track.
- 9) Corner marshals must remain near the track until the race is done.
- 10) Disputes will be resolved by the Race Director and/or Race Committee. All decisions are final.
- 11) All classes of racing, unless noted, will run a maximum of a 2 cell lipo battery in a hard case or max. 7 cell NiMH battery. Lipo batteries must not be charged above the ROAR charge limit of 4.22 per cell max. All battery packs should be charged inside a "LiPo Sack" or similar fire mitigation device proven to withstand a minimum of a 7.4v 10,000mah Lithium Polymer pack failing destructively without showing external flame. All Batteries must have a quick release plug-in. 1/8 scale has a maximum of 3 cells lipo.
- 12) **"VIP"** stands for **V**oltage **I**nspection **P**ort. A **"VIP"** may be required in some classes. It is simply a servo extension cable with the male connector removed and is soldered to the positive and negative posts on esc or esc connector. The female end is then attached (shoe goode) to the chasses in a position that is easy to access with the body on. The **"VIP"** purpose is for the ease of checking the pack voltage before a race, i.e. to check for overcharging of batteries. If battery is over charged (above 8.44) the car/truck will not race until its voltage is below the charge limit (i.e. voltage must show 8.43 or below) on whatever device (dvm, battery bug, etc.) the track is using to monitoring battery voltage with.
- 13) All cars/trucks, that are running in a class that requires a sportsman type ESC could be checked for sportsman setting (Blinky Mode) at any time before or after a race.
- 14) All cars/trucks must have working brakes (drive wheels stop moving when throttle trigger is moved forward), and reverse must be disabled. This is in all classes of racing.
- 15) All racers must sign a liability waiver the first time they race each season and they will receive a set of track rules at that time. Racers under the age of 18 must have the waiver signed by a parent or guardian.
- 16) All cars should be numbered.
- 17) ****3 FOOT RULE**** All race cars/trucks must wipe excess tire compound/treatment off of their tires before entering race track. This is to ensure an equal racing surface for all classes. Any car that leaves a longer than a 3 FOOT wet track from tires will be DISQUALIFIED from that race.
- 18) **FOAM TIRES ARE NOT ALLOWED ON THE DIRT TRACK IN ANY CLASS OF RACING.**
- 19) Rules are subject to change.
- 20) If it does not say you can do it in the rules, then you cannot do it.

COMPETITION AND PRIZES

- DFRCR will sponsor individual race prizes, point series, and season championships to promote competition among participants. For a racing class to be eligible for series and season championships, at least five racers in each class must complete at least 2/3 of the available races in the series or season. Race Committee will designate the series and number of races within the series that will count towards prizes.

RACE PROGRAM

- All race day programs consist of two qualifiers and mains.
- No substitute drivers in the mains.
- You must race the car that you qualified with and start in the correct qualifying spot.
- Minimum of (2) cars in a class. Race Director can combine classes of similar speed to maintain a smooth running program.
- Drivers need to supply their own personal transponder. It is the driver's responsibility to check their transponder for proper functionality before races start.
- Race Director / computer operator will not be responsible to hand count cars that do not pass the scoring loop or do not count due to any type of transponder failure.
- Qualifiers and Mains will use either "rolling" (IFMAR) or "standing" starts.

ALL 2WD CLASSES LISTED BELOW: All entries must be 2wd, rear wheel drive only unless the class calls for it to be a 4WD class. For turn marshal safety, all cars must have a front bumper that is made of a shock absorbing material. Front bumpers must be mounted in such a way that they will contact an object prior to any other portion of the car in a front impact. All late model, modified, and sprint car bodies and cages must resemble contemporary full scale cars racing in the "World of Outlaws", "IMCA" and "DIRT" sanctioned events. All corners of bodies and wings must be rounded for safety. No silicone or rubber capped tires are allowed.

RACE CLASSES

NOVICE

To promote participation of new drivers, rules for this class are intentionally unrestricted. Most electric powered RC car/truck will be allowed. Cars/trucks will be inspected prior to racing to prevent track damage. Heavy (monster trucks, etc.) vehicles with rubber tires and large lugs that are likely to roll over will not be allowed. Low wind modified motors are discouraged. Drivers who exhibit sufficient skill will be encouraged to join a more advanced class. All Novice races will be 4 minutes in length.

6.0 BREAKOUT

THIS WILL BE A BREAKOUT LAP TIME CLASS

LAPS FASTER THAN 6.000 SECONDS WILL NOT BE COUNTED

- 1) CHASSIS - Any 1/10 scale production based 2wd/4wd chassis.
- 2) BODY - Any SC truck, rally, or car body is allowed. No extra wings, flaps or doohickeys can be added.
- 3) MOTOR - Any brushed or brushless motor allowed.
- 4) BATTERY - Up to a 2 cell LiPo hard case or max. 7 cell Nihm battery only. No hard wiring from the battery to the speed control. Must have a quick disconnect form battery.
- 5) ESC - Any commercially available ESC are allowed.
- 6) TIRES & WHEELS - Rubber street type tires are preferred. (Ask track owners about approved tire brands)
- 7) WEIGHT - No weight minimum required.
- 8) All races will be 4 minutes in length.
- 9) Maximum of 6 cars in A main. Must have (2) cars for class to run. Standing starts.

OUTLAW SPRINTS

- 1) DODC.com Sprint Car chassis, body & wing rules apply.
- 2) Small front wing (8 sq in.) is allowed. 7" x 7" Top Wing is the maximum size allowed.
- 3) MOTOR - any 13.5 2 pole motors.
- 4) ESC - Any ROAR APPROVED Sportsman ESC or ESC in a sportsman setting is allowed. (Blinky Mode)
- 5) BATTERY - Any 2 cell max. Lipo hard cased battery only.
 - a) ROAR charge limits of 8.44 volts.
- 6) TRAN. - Open
- 7) TIRES & WHEELS - Any 2.0 "Custom Works" or 2.2 "buggy" rubber tire that fits within the DODC rules for Rubber Tires.
- 8) WEIGHT - 57 oz. minimum with transponder before or after the race.
- 9) See DODC.com for any other Sprint Car rules.

OLD COUPE

- 1) Must be 60 or older or by invite.
- 2) CHASSIS – Only Traxxas Slash 2-wheel-drive truck chassis only. No aftermarket chassis.
 - a) Traxxas low-cg chassis may be used.
 - b) Batteries must be in stock position (down the center of chassis ONLY).
 - c) Only Slash 2wd manufacturer suspension parts or allowed aftermarket equivalent parts. All parts must be in stock position and location.
 - d) Allowed aftermarket parts – RPM transmission case, steering mechanism, shock towers, shocks, front and rear axle carries may be used (RPM, aluminum etc.).
 - e) Shock internal limiters may be installed.
 - f) Front and rear bumpers are allowed. Must be stock in appearance to the Coupe style race cars. Front bumper must not extend past front body panel/hood more than $\frac{3}{4}$ of an inch on all sides of hood. The stock front bumper maybe used as a front brace (flip bumper upside down) to support front body panel/hood. Side "bumpers" may be removed. No alterations to chassis otherwise.
- 3) BATTERY - Any 2 cell Lipo **hard case only** with a capacity not greater than **5200MAH/50C**.
 - a) ROAR charge limits of 8.44 volts. Must use quick disconnect connector (NO hard wiring).
 - b) Labels on battery must be readable, No tape on batteries labels or any signs of tampering with labels. No bare wires, wires must be covered.
- 4) ESC – Traxxas XL-3 or XL-5.
- 5) MOTOR – Traxxas 12T Titan motor. Labels on motor must be readable, No tape on labels or any signs of tampering with labels.
- 6) TIRES & WHEELS – Any rubber tire. Must be 2.8 dia. wheel/rim or larger. SC truck 2.2"/3" tires and wheels are allowed. No 2.2 dia. tires. Must be Non aggressive street tread or slick type tires. No pin tires. No grooving or siping of the rubber tires.
- 7) BODY - Any Coupe style body only. McAllister Racing #310, #316. No metal bumpers or body parts.
- 8) Maximum of 6 cars in A main. Must have (2) cars for class to run. Rolling starts.

MUDBOSS

- 1) CHASSIS – Only Traxxas Slash 2-wheel-drive truck chassis only. No aftermarket chassis.
 - a) Traxxas low-cg chassis may be used.
 - b) Batteries must be in stock position (down the center of chassis ONLY). No shorty packs.
 - c) Only stock Slash 2wd Original manufacturer chassis and suspension parts only. All parts must be in stock position and location. (No RPM, no aluminum etc.).
 - d) Allowed suspension parts alterations - Front and rear springs may be altered, wheel offset spacer may be altered.
 - e) Front and rear bumpers are allowed. Must be stock in appearance to EDM race cars. Front bumper must not extend past front body panel/hood more than $\frac{3}{4}$ of an inch on all sides of hood. The stock front bumper maybe used as a front brace (flip bumper upside down) to support front body panel/hood. Side "bumpers" may be removed. No alterations to chassis otherwise.
 - f) Must use Traxxas Slash "stock" shocks and, Traxxas Slash "stock" white springs only and in the appropriate place. (front on front, rear on rear)
 - g) Shock internal limiters may be installed. No front bump stops suspension. A single original blue bump stop can be used per rear shock (not mandatory).
- 2) BATTERY - Any 2 cell Lipo **hard case only** with a capacity not greater than **5200MAH/50C**.
 - a) ROAR charge limits of 8.44 volts. Must use quick disconnect connector (NO hard wiring).
 - b) Labels on battery must be readable, No tape on batteries labels or any signs of tampering with labels. No bare wires, wires must be covered.
- 3) ESC & MOTOR - Hobbywing 13.5 G2.1 [FTM] Fixed timing motor ONLY. ROAR APPROVED Sportsman ESC, ESC must be in Blinky Mode.
- 4) TIRES & WHEELS – Any rubber tire. Must be 2.8 dia. wheel/rim or SC truck 2.2"/3" tires and wheels are allowed. No 2.2 or 2.4 dia. tires. Must be Non aggressive street tread or slick type tires. No pin tires. No grooving or siping of the tires.
- 5) GEARING - No gear rule.
- 6) BODY - Any mudboss style bodies only. No metal bumpers or body parts.
- 7) Maximum of 6 cars in A main. Must have (2) cars for class to run. Rolling starts.

HOBBY STOCK

- 1) CHASSIS – Only Traxxas Slash 2-wheel-drive truck chassis only. No aftermarket chassis.
 - a) Traxxas low-cg chassis may be used.
 - b) Batteries must be in stock position (down the center of chassis ONLY). No shorty packs.
 - c) Only stock Slash 2wd Original manufacturer chassis and suspension parts or allowed aftermarket equivalent parts. only. All parts must be in stock position and location.
 - d) Allowed aftermarket parts – Steering mechanism, A arms, body mounts, and front & rear axle carries. May be changed. (RPM, aluminum etc.).
 - e) Front and rear bumpers are allowed. Front bumper must not extend past front body panel/hood. The stock front bumper maybe used as a front brace (flip bumper upside down) to support front body panel/hood. Side "bumpers" may be removed. No alterations to chassis otherwise.
 - f) Must use Traxxas Slash "stock" shocks and, Traxxas Slash "stock" white springs only and in the appropriate place. (front on front, rear on rear)
 - g) Shock internal limiters may be installed. No front bump stops suspension.
- 2) BATTERY - Any 2 cell Lipo **hard case only** with a capacity not greater than **5200MAH/50C**.
 - a) ROAR charge limits of 8.44 volts. Must use quick disconnect connector (NO hard wiring).
 - b) Labels on battery must be readable, No tape on batteries labels or any signs of tampering with labels. No bare wires, wires must be covered.
- 3) ESC & MOTOR –Traxxas XL-3 or XL-5 Traxxas 12T Titan motor. Labels on motor must be readable, No tape on labels or any signs of tampering with labels.
- 4) TIRES & WHEELS –
 - a) ONLY 12MM hex wheels are allowed.
 - b) Any rubber tire. Must be 2.8 dia. wheel/rim or SC truck 2.2"/3" tires and wheels are allowed. No 2.2 or 2.4 dia. tires. Must be Non aggressive street tread or slick type tires. No pin tires. No grooving or siping of the tires.
- 5) BODY - Any HOBBY STOCK or NASCAR style bodies only. No metal bumpers or body parts.
- 6) REAR SPOILER - Rear spoiler can only be as wide as the body at the rear quarter panels. 1" max from deck. No end caps or mid fin.
- 7) Maximum of 6 cars in A main. Must have (2) cars for class to run. Rolling starts.

TRAXXAS LATE MODEL

- 1) CHASSIS – Only Traxxas Slash 2-wheel-drive truck chassis only. No aftermarket chassis.
 - a) Traxxas low-cg chassis may be used.
 - b) Batteries must be in stock position (down the center of chassis ONLY).
 - c) Only Slash 2wd manufacturer suspension parts or allowed aftermarket equivalent parts. All parts must be in stock position and location.
 - d) Allowed aftermarket parts – RPM transmission case, steering mechanism, shock towers, shocks, A arms, body mounts, and front and rear axle carries. May be changed. (RPM, aluminum etc.).
 - e) Shock internal limiters may be installed.
 - f) No rear steer. If using adjustable rear arms they must be set to 0 degrees.
 - g) Front and rear bumpers are allowed. Must be stock in appearance to latemodel style race cars. Front bumper must not extend past or in front of body panel/hood. The stock front bumper maybe used as a front brace (flip bumper upside down) to support front body panel/hood. Side "bumpers" may be removed. No alterations to chassis otherwise.
- 2) BATTERY - Any 2 cell Lipo **hard case only** with a capacity not greater than **5200MAH/50C**.
 - a) ROAR charge limits of 8.44 volts. Must use quick disconnect connector (NO hard wiring).
 - b) Labels on battery must be readable, No tape on batteries labels or any signs of tampering with labels. No bare wires, wires must be covered.
- 3) ESC & MOTOR –
 - a) Traxxas XL-3 or XL-5 Traxxas 12T Titan motor. Labels on motor must be readable, No tape on labels or any signs of tampering with labels .
 - b) Hobbywing XR10 JUSTOCK ESC ONLY Hobbywing 17.5 G2.1 [FTM] Fixed timing motor ONLY.
- 4) TIRES & WHEELS – Any rubber tire. Must be 2.8 dia. wheel/rim or larger. SC truck 2.2"/3" tires and wheels are allowed. No 2.2 dia. tires. Must be Non aggressive street tread or slick type tires. No pin tires.
- 5) BODY - Any latemodel style body only. No metal bumpers or body parts.
- 6) REAR SPOILER - Rear spoiler can only be as wide as the body at the rear quarter panels. 3" max from deck. The end caps must be a triangle shape. You may ONLY have one fin on the spoiler and two side caps. The MID fin must also be the same dimension as side cap. The MID fin maybe located anywhere on the spoiler between the two side caps.
- 7) Maximum of 6 cars in A main. Must have (2) cars for class to run. Rolling starts.

OTHER CLASSES

(4) or more drivers may create a new class of racing if their cars do not fit in an existing DFRCR track class. Other classes may be proposed such as Stadium Truck, Gearbox etc. if (4) or more drivers want to race in a new class. All new classes will only be eligible for point racing after a class name and rules have been developed and approved by the DFRCR Board of Directors. Cars/trucks running in a new class must have approved tires and chassis may not have protruding screws or sharp edges that may damage the track. Check our Web Site (www.DFRCR.com) for latest rule updates. Revised: March 5, 2016

This area is for anyone to use to suggest a new class to DFRCR and list all of the rules for that class.

Class name: _____

Name: _____
(SPOKESPERSON FOR THE CLASS)

Class rules:

Signed: _____ DATE _____

Signed: _____ DATE _____

Signed: _____ DATE _____
(Signature from DFRCR)