



DIRT OVAL at HOT ROD HOBBIES

2021 Classes & Track Rules

Track Officers:

Jimmy Babcock ----Track Owner/ Facebook Promotion

Shawn Miller ----- Race Director

Mike Wright ----- Track Preparation Director (volunteer)

CLASSES FOR OFF-ROAD BASED CARS (Quick glance)

Rookie -----(Any 10th Scale car or truck, Beginners only)

Change-up Off-Road -----(Off-Road, Any Driver)

Spec Slash----- (Spec Slash, Modified body- suggested Sportsman Driver)

B-Mod ----- (17.5 Buggy, Modified body- suggested Expert Driver)

Mudboss ----- (Upgrade from Spec Slash)

Pro Mod -(SC chassis, Mod body, Open Motor, Spec Tire, suggested Expert Driver)

360 Outlaw Truck--- (13.5 Stadium Truck-Foam Tires, suggested Expert Driver)

CLASSES FOR PURPOSE BUILT OVAL CARS (Quick glance)

305 Sprint Car----- (17.5 Sprint Car, suggested Expert Driver)

Crate Late Model ----- (17.5 Late Model, suggested Expert Driver)

410 Sprint Car ----- (Open Motor Sprint Car, suggested Pro Driver)

Mod Wedge ----- (Open Motor, Outlaw Late model, suggested Pro Driver)

Minimum Weights:

Rubber Tires:

B Mod	= 65oz
Mudboss	= No Rule
Rookie	= No Rule
Pro Modified	= No Rule
Sport Mod	= No Rule

Foam Tires:

360 Outlaw Truck	= 56oz
305/410 Sprint Car	= 55 oz
Create Late Model	= 53oz
Mod Wedge	= No Rule

Track Rules

****Race directors will have ultimate authority over rules listed here, or not.****

Racers Expectations

All participants will treat other drivers, marshals, & spectators with respect. This facility is a Family Friendly facility, and all racers must control their behavior accordingly.

Practice **good sportsmanship** at the track. Do not yell or complain about marshaling. In the event that a racers vehicle breaks during a qualifier or main event, that racer is required to stay on the drivers stand until the race is over.

Track Procedures:

Drivers will have two minutes after the announcement of a qualifier or main to get their car/truck onto the track and in position to start the race. All drivers must turn marshal the race immediately following their race or find a qualified substitute. All cars will be made available for tech inspection before and after race. **Technical inspections can be Random** or formatted by the Race Director. If poor weather or other uncontrollable circumstances arise, the ultimate decision will be made by the Race Director. Racers under 12 years of age may not marshal for safety reasons. Parents or Volunteers are asked to marshal for the younger racers. Please be helpful and quickly volunteer to marshal when needed. Classes may be combined if less than 3 entries per class.

Heat Races:

Each racer will participate in two 4 minute heat races. All heat races will be randomly sorted, and will use a **rolling IFMAR style start**. The TQ will go to the racer with fastest single run after two rounds.

Main Events:

All classes will run a predetermined number of laps. Race time will roughly be 4 to 5 minutes in the main events. The six racers in each class with the fastest qualifying times will advance straight into the A-Main. The next six will be in the B-Main, etc... Top 2 finishers in each lower main will **bump-up** to the next higher main.

2021 Classes

For All Classes

All motors must be ROAR approved and available to the general public for purchase. All classes must use 2S Hard Case Batteries ONLY. Battery voltage must never exceed 8.44 volts at any time. To ensure the safety and wellbeing of our racers, spectators, and track personnel, all cars and their batteries are subject to voltage check at any time. All cars must have 4-wheel independent suspension, single speed transmissions only. No Gyros or traction control of any kind are allowed, including those built into receivers like the Spektrum AVC, Traxxas TSM, etc.

Rookie --- (Any 10th Scale car or truck, Beginners only)

- Any 10th scale electric RC Car. A minimum lap time may be added (if needed)
- Minimum lap time TBD. This class is intended for new racers with little driving experience.
- No weight rule

Spec Slash-- (Spec Slash, Modified style body)



Body:

- IMCA/USMTS style modified body. Dirt modified body. Custom Works Tornado body is recommended Part #9211.

Chassis:

- ONLY "BOX STOCK" Traxxas 2wd Slash chassis will be allowed. LCG chassis is not allowed.
- ONLY 3 (three) RPM durability upgrades are allowed. Front caster blocks part #80712, front bearing carriers part #80372 and rear bearing carriers/hubs part #80382.

- Transmission case must remain stock. NO plastic internal gears.
- Transmission functionality rule, motor cannot spin while turning slowly one rear wheel a full turn.
- Spec gear ratio must be used, 86 tooth spur gear & 19 tooth pinion gear.

Electronics:

- ONLY “BOX STOCK” Traxxas 2wd Slash OEM electronics may be used. Traxxas XL-5 ESC part #3018R, Traxxas Titan 12T 550 brushed motor part #3785 (no motor tampering allowed, no advancing the timing. Any motor modifications will result in immediate disqualification) and Traxxas stock 2075 steering servo (no metal gears allowed in servo).
- Any ROAR legal 2S hard case battery that is 5500mah maximum capacity, any C rating and costs \$50 or less. Battery must remain in stock centered location.

Adjustments:

- Items you may adjust: Camber, front toe, ride height, shock oil, pistons, shock limiting, shock preload, factory shock locations and battery location front to rear.
- There is no weight rule. Additional weight CANNOT be added!

Suspension:

- Traxxas aluminum shock caps are allowed.
- Stock Traxxas 2wd Slash shocks must be used (grey or black versions both allowed). Front bodies and shafts stay in front and rear bodies and shafts stay in rear.
- Only original Traxxas 2wd Slash springs may be used. Front spring part #5857/P and rear spring part #5858/P.

Tires & Wheels:

- Traxxas 2wd Slash box stock tires in stock location front on front and rear on rear. No softening, tire doping, grinding or grooving of any kind allowed.
- NO S1 compound tires allowed.
- Tires may be cleaned with water or Simple Green ONLY!

Figure 8 Body & Bumper Rule:

- If you are running a modified body you must run the modified bumper. If you are running an off-road body then you must run the off-road bumper.

Common Sense:

- If these rules do not specifically say you CAN do it, you CANNOT!!! Period!!!

B-Mod ---- (17.5 Buggy, Modified style body)



-OEM factory chassis - **off-road buggy based**. Rear motor & Mid motor if car is designed as mid only OEM factory suspensions including shock towers and shocks. Factory upgrades allowed. Internal limiters, oil, pistons and spring changes allowed. Batteries must remain in stock centered location, Weight may be added.

- Rear Toe must be no less than 2° in and must be the same on both sides
- Any ROAR approved ESC in Blinky Mode (0 timing)
- Any ROAR Approved **17.5** Turn Brushless Motor
- Any ROAR legal 2s Hard Case battery
- Any Off-road rubber tires or Custom Works Street Trac / RC4Less rubber
- Any production manufacturer Modified style Body
- Minimum Weight 65oz min

Mudboss ---- (Upgrade from Spec Slash)



Body:

- Salvas Mudboss body only.

Chassis:

- Traxxas Slash 2wd ONLY. LCG Traxxas chassis allowed.
- Custom Works adjustable rear control arms allowed. Part #3270.
- RPM off-set compensating front control arms allowed. Part #70552.

- Any RPM 2wd Traxxas Slash stock replacement parts are allowed.
- NO aluminum, carbon fiber or graphite parts allowed.
- Front stock bumper, right side nerf bar/bumper and front body post brace must be removed. Left side nerf bar/bumper and rear bumper can be removed if desired.
- Traxxas front optional bumper can be used angled down. Part #2735.
- Alterations to the chassis or modifications to the drivetrain/suspension components is not allowed.

Electronics:

- ESC – Hobbywing Justock Part #30112000 or Traxxas XL-5 Part #3018Rare allowed.
- Motor – Hobbywing 13.5 locked timing Part #30408010 or Traxxas 12T Titan Part #3785 are allowed. Hobbywing ESC/motor combo Part #38020240 is allowed.
- Battery – Any ROAR approved 2S lipo battery is allowed (Any MAH or C rating allowed). No shorty's allowed.
- Servo – Any servo may be used.

Adjustments:

- Any Traxxas 2wd Slash stock spur gear 76/83/86/90 may be used with all transmission parts in place including the slipper.
- Any pinion size allowed.
- No modifications can be made to the stock transmission case. RPM transmission case is allowed.
- No modifications allowed to the stock transmission gearing. NO internal plastic gears allowed. Traxxas 2wd Slash steel transmission gears ONLY.
- Transmission functionality rule – motor cannot spin while turning slowly one rear wheel a full turn.

Suspension:

- Traxxas 2wd Slash plastic shocks ONLY (grey or black version) (front shocks, bodies & shafts stay in front), (rear shocks, bodies and shafts stay in rear).
- Only original Traxxas 2wd Slash front springs #5857/P and rear spring #5858/P are allowed.
- Shock travel may be limited with internal shock spacers/shims.
- Original pistons from Traxxas 2wd Slash kit ONLY (original 1, 2 or 3 hole). NO modifications can be made to shock pistons.

Tires & Wheels:

- Any TREADED tires can be used. Must have tread, must be able to hang a nail on the tread. (NO slicks or pin tires allowed).

Common Sense:

- If these rules do not specifically say you CAN do it, you CANNOT!!! Period!!!

Pro Mod --- (Short Course, Mod style body, Open Motor, Spec Rubber Tires)



- **Any Production 2WD SCT Style Chassis.** (Must be sold as a complete SC Chassis by manufacturer)
- Battery must be mounted down the centerline of the chassis.
- **Any 540 Motor**, ESC, Any ROAR legal 2s Hard Case battery
- No offset suspensions. A-Arms must be equal length on left and right side.
- Must run USMTS/IMCA Style Dirt Modified Bodies. No rake allowed in the center deck of body. Bodies are available from manufacturers such as AFXfab, Sippel Speed Shop, Bodies by Ed, and HRC Modifieds.
- Any Shock and Shock Tower may be used.
- **SPEC Tire is the Duratrax Bandito SC** in C2 or C3 Compounds – Duratrax Part #'s DTXC3797 and DTXC3798. Must use the stock inserts.
- Any SCT Style Wheel
- No weight rule

360 Outlaw Truck--- (13.5 Stadium Truck)



- Any ROAR Approved **13.5 Turn** Brushless Motor
- Any ROAR approved ESC in Blinky Mode (0 timing)
- Any ROAR legal 2s Hard Case battery
- All trucks must use Production Stadium Truck suspension arms

- Chassis may be stock or aftermarket, **but battery must be mounted down the centerline** of the chassis.
- Transmission must be 3 gear style, and in a rear motor configuration
- Any shock and shock towers may be used.
- Must use Truck style body. Off road or Oval body styles are legal. Side dams may not extend above the roof of the cab. Side dam may not extend forward more than .250" past the rear of the cab. Side dam may not extend beyond the Rear Spoiler. Rear Spoiler Maximum length is 2.5".
- Rear Toe must match Left to Right, and must be at a minimum of 3 degrees of toe in.
- **Foam Tires** or Rubber Tires may be used
- Weight 56oz

305 Sprint Car----- (17.5 Sprint)



- DODC national rules
- Any ROAR Approved **17.5** Turn Brushless Motor
- Any ROAR approved ESC in Blinky Mode (0 timing)
- Any ROAR legal 2s Hard Case battery
- Maximum 6" x 6" Top Wings.
- Maximum 8 square inch front wings.
- **Foam** or Rubber Tires may be use
- Weight 55oz

Crate Late Model ----(17.5 Late Model)



- DODC national rules
- Any ROAR Approved **17.5** Turn Brushless Motor
- Any ROAR legal 2s Hard Case battery
- Any ROAR approved ESC in Blinky Mode (0 timing)
- **Foam** or Rubber Tires may be used
- Weight 53oz

410 Sprint Car ---- (Open Motor Sprint)



- DODC national rules
- Any ROAR approved ESC
- Any ROAR legal motor
- Any ROAR legal 2s Hard Case battery
- Maximum 6" x 6" Top Wings.
- Maximum 8 square inch front wings.
- Foam or Rubber Tires may be used
- Weight 55oz

MODIFIED WEDGE-----



- Must be 10th scale
- Must be Rear wheel drive only
- Any ROAR legal 2s Hard Case battery
- **Foam** or Rubber Tires may be used

Legal Notice

The Dirt Oval at Hot Rod Hobbies is a privately owned business that operates a family friendly RC Racing Facility. Great efforts are made to provide racers with the best facility possible, including a clean well lit pit area, and a well prepared race track. The Dirt Oval at Hot Rod Hobbies "RESERVES THE RIGHT TO REFUSE SERVICE TO ANYONE". If we feel a racer and his/her actions are detrimental to our business, our sport or our racing community, we can and will refuse race entry and participation in our racing events.

We race about every other Friday night.

*Practice at 4pm race starts at 7pm. For exact info please go to:
"Dirt Oval at Hot Rod Hobbies" on Facebook.*



[Current Series Results](#)

Direct Link to DODC rules; <http://www.dirtoval.com/rules/>

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