

House Rules

Updated 12-17-2024


Racing at Switchback RC in the Village is meant to be a fun hobby for individual racers and their families to learn, grow and compete in each of the classes. We expect everyone to treat each other and our track with respect. The rules for RC Dirt Oval Racing can change from time to time. We welcome changes and will review new rules as they may apply to our track and our racers. New rules will be announced 2 months prior to them taking effect. Our Rules Committee will consider allowing any new products available to the public for two or more months. If there is anything not addressed in the rules listed here, then you should assume it is not legal. All participants will sign a "Release of Liability and Assumption of Risk Agreement" annually before participating in track events.

Late entries will start at the tail. You must be present before the Mains begin. No entry after Mains Start. Failure to Turn Marshall or arrange for a replacement will result in disqualification that night. No outside chairs will be permitted at the track to allow for adequate emergency exit lanes. There will be a six (6) car minimum for any class to race. Only hard case Lipo batteries are permitted. The Race Director and Switchback RC in the Village Trustees have the right to tech check all cars at any time. Anyone caught cheating will be disqualified and will be done for the night for the first offense and permanently banned from the track at the second offense. The car that you qualify with is the car you race with. No substitutions. The car and driver cannot be changed. Quiet Generators for anyone bringing trailers to the track for outside pit area. No wet tires on the track. Only odorless tire compound is allowed. Race bodies must be LEXAN only. **No tying of tires.**

NEW ADDED House Rules March 2022

We can and will tech vehicles. If you refuse to allow us to tech your car you will be suspended until you agree to allow us to tech your car and if your car is set up as our rules outline you are free to race. If you are teched and you are found illegal you will be suspended from our track for 2 weeks and your car will be teched before you are allowed to race our track after those 2 weeks. 2nd Offense you will be banned six months. 3rd Offense you will be banned indefinitely. You know the rules. NO GYROS, NO CUT GEARS PERIOD!

The track days will be Tuesdays & Saturdays. Tuesdays will cost \$10 limit 2 cars with 1 heat & main. Tuesday's doors open at 5pm racing at 7pm. **Saturdays will cost 2 cars for \$20 per person \$10 each extra car.** You may reserve your pit stall on a first come first serve basis for a period of 1 year for \$50. Doors open at 3pm race 5pm each Saturday track day. Saturday times may change for large races but will be announced two weeks before the race. There will be no open practices on the track at any time. There will be controlled practices on track days prior to races. This allows everyone an equal opportunity to compete. Our track and Race Director uses MyLaps and will only work with transponders using 4.5 Firmware. See picture with the circle below for further clarification. There will be no renting of transponders. Anyone needing a transponder may purchase one from the Race Director. LiveRC to watch race results in live time.



	AMB 20	AMBrc	AMBrc DP	RC4 Pure	RC4 Hybrid	RC4 Pro	DR5 (Drone)
AMB 20 Decoder	✓	✗	✗	✗	✗	✗	✗
AMBrc (RC2) Decoder	✗	✓	✓	✗	✓	✗	✗
RC3 Decoder	✗	✓	✓	✗	✓	✗	✗
RC4 Decoder - Firmware 4.4	✗	✓	✓	✓	✓	✓	✗
RC4 Decoder - Firmware 4.5	✗	✗	✗	✓	✓	✓	✓

There will be 6 cars provided by sponsors for rental at the track. These cars will cost \$20 each rental and a racer may only rent a car up to 5 times. This car can only be used in the Novice/Rookie Class.

Turn Marshalls for the next race will be the top 4 positions from the ending race. Any substitutions must be approved by the Race Director. Turn Marshalls may not be distracted doing car repairs while they are Turn Marshall. Failure to follow this house rule will cause the offender to have his best track time removed by the Race Director. If you are removed by Race Director – 2 week minimum suspension.

Switchback RC in the Village Class List and Rules

Novice/Rookie Class-Breakout

1. Class can be any 1/10th scale Short Course (SC) 2wd vehicle.
2. Only modification is body and posts
3. Shark, Stock or SC Street Stock Bodies Only
4. A driver cannot enter any other class if they are entered into the novice class
5. Once a driver competes in another class, they are no longer eligible for the novice class.
6. Novice competitors may be asked to move up from the novice class at the Race Director's discretion.
7. The Novice Class is the only class you are permitted to use reverse.
8. Restricted Second Breakout laps only – if your lap is faster than the restricted seconds, the lap doesn't count-This is done to help learn control of the car.

Intermediate Class (Step-Up from Breakout)

1. Class can be any 1/10th scale Short Course 2wd vehicle
2. Only modification is body and posts
3. Lexan Bodies Only
4. Driver can only enter this class if promoted by the Race Director
5. Driver may be returned to the Breakout class at the Race Director's discretion
6. No restriction on lap time
7. There must be enough racers for Breakout and Intermediate for this class to be added to the race list. Saturdays will be the days we introduce this class.

Powder Puff Class

1. Ladies of any age and any experience may enter this class
2. Lexan Bodies Only
3. Driver may compete in other classes in addition to this class
4. No restriction on lap time
5. Class can be any 1/10th scale short course 2wd vehicle
6. There must be enough racers for Powder Puff Class to be added to the race list.
7. Saturdays will be the days we introduce this class.

Slash Street Stock 1/10

The street stock class is a “Spec” class and is intended to be “cheap” therefore there are basically no modifications allowed. Note the rules as follows:

1. Slash/Raptor 2-wheel drive chassis
2. **NO VXL/Brushless System
3. NO LCG Chassis ALLOWED
4. All components must be STOCK and in the stock location *exceptions to follow below
5. 5200-50c battery in stock location on chassis
6. Stock receiver may be removed.
7. **DE G6 tires, Hoosiers, or stock tires that came with your new car out of the box**
 - a. **All tires must show tread across and around the tire.**
8. 90/16 gear 12T or 90/15 for BL2
9. Wheels must be traxxas slash offset (2 front/2rear) can be in any placement
10. Can change shock oil
11. Can install shock limiters (internal and external)
12. Can move shocks to any stock hole locations on shock tower/A-arms– no drilling holes!
13. Body must cover wheels – NO OPEN WHEELS – CANNOT run the slash/raptor bodies that come with chassis new
14. No cutting of shock springs - NO aftermarket springs – must be stock white springs
15. CANNOT add ANY Weights
16. No fans on motor
17. No aluminum shock caps
18. 12t Traxxas motor or Traxxas BL2 ONLY
19. No cut gears in transmission
20. No WEDGE bodies (late model or mudboss)
21. No moving of wheel hex’s (front on fronts/rear on rears)
22. No ceramic bearings
23. Will add holographic tamper proof sticker to transmission after tech – we will maintain a list of teched racers/cars. Must see us if you break the seal to re-tech
If it doesn’t say you can then you CAN’T!

Stadium Truck

1. Stadium truck based
2. Stock stadium truck chassis
3. 17.5 ROAR legal motor
4. ESC in Blinky mode
5. Open Rubber Tire
6. Any ROAR approved battery

EURO Truck

1. RUN WHAT YA BRUNG 😊

12T Stock Mudboss

***will run with the National Salvus 12T Rules (+/-) our additions below**

1. Slash/Raptor 2-wheel drive chassis
2. NO VXL/Brushless systems
3. All components must be stock and in the stock locations *exceptions to follow below
4. 5200-50c battery in stock location on chassis
5. Stock radio receiver may be removed.
6. **Must run stock tires that may come with vehicle: Khumo, BFG, Traxxas SCT – NO S1**
 - a. **Tires must show tread across and all around the tire.**
7. Must run stock traxxas wheels: can be any offset (all rears, all fronts or any combination)
8. Must run Salvus Mudboss body or any clone that is mass produced.
9. May cut ONLY front springs up to 5 rings
10. May change shock oil
11. May run internal limiters in shocks
12. May move ESC to any location on chassis top side
13. 12t Traxxas motor and ESC or Traxxas BL2 System
14. Gearing = 90/21 for 12T and 90/20 for BL2
15. May run RPM front and rear bearing carriers/due to open wheels
16. NO weights may be added to the chassis in any way
17. No LCG
18. No fan on Motor
19. No aluminum shock caps
20. "A" arms must be in stock location (left on left/right on right) and not modified
21. Any questions or opinions come see track officers.
22. Will add holographic tamper proof sticker to transmission after tech – we will maintain a list of teched racers/cars. Must see us if you break the seal to re-tech
If it doesn't say you CAN then you CAN'T!

Traxxas Slash Mod Rules

1. Box Stock
2. Factory Radio came in box with car
3. You may change the oils anywhere –like shocks and transmission
4. Hexes (2 grey + 2 black) any position
5. 2F and 2R tires in any position
6. Fan on ESC *VXL fan clips on
7. Change Battery End Plug
8. 5200/50C Battery (AKA mudboss battery)
9. Stock Bumpers front and rear and must stay on in factory location
10. Can get new clear body when available
11. 86/23 Gearing
12. If it is not listed above, it is ILLEGAL.

Big Block Mudboss 13.5

***will run with the National Salvas Mudboss Rules with the following exceptions:**

1. No switching rear arms and No adjustable arms.
2. HobbyWing 13.5 Just Stock Motor Only
3. ESC must be HobbyWing Just Stock Only.
4. Battery must be a 2cell 7.4v Lipo with a 5200/50c limit.
5. Only Salvas MudBoss bodies or clones are allowed.
6. Only stock steering servo or Savox SC-0252MG allowed.
7. Taxxas SC offset wheels only.
8. Duratrax Bandito, Hoosier, DE G6T, Hot laps tires only! Both styles/compounds are legal
 - a. **J-Concepts Swiper tires are allowed**
 - b. **All tires must show tread across and around the tire**
 - c. **Be Advised: Banditos will no longer be allowed after Dec. 31, 2025**
9. Any tampering with motor/esc will result in disqualification.
10. No switching of A-arms – No adjustable A-arms – Stock Arms in Stock Position
11. Transmission must have stock internal gears – no CUT GEARS
12. Open Gear Rule

Bomber

1. All cars must use a 2wd 1/10 scale stock buggy chassis. Mid-Engine Chassis are permissible.
2. No wedge/No side dam
3. 17.5 Hobbywing motor ESC must be HobbyWing Just Stock
4. Open Gear Rule
5. Open to use any road tire must fit under 9" wide body (½" max extended from body each side)
 - a. **Body must cover tires**
 - b. **Body must be a minimum of 9" inches wide at A pillar and rear deck.**
6. Rear Spoiler can be no more than 1 ¼" of material and no more than 1" from top of deck.
7. Stock shock towers.
8. Any 2 cell hardcase High Voltage 7.4/7.6 Battery.
9. Buggy based wheels
10. Decking body is allowed.
11. Adjustable Rear arms IS allowed.

Outlaw Sprint Car – DODC Rules apply

1. Any 1/10th scale electric sprint car. Purpose built or conversions.
2. Wing 7.7 or 6.7 top wing
3. Front wing 4 ½" x 3"
4. Open Motor and ESC
5. Any 2 cell hard case LIPO 7.4v or 7.6v
6. Rubber dirt oval tread only. Proline, DE, Duratrax. Buggy style tires.

13.5 Stock Sprint (wings)

1. Hobby Wing Just Stock 13.5 Motor
2. Hobby Wing Just Stock ESC
3. Open Tire
4. Open Gears
5. 2 Cell Batter (ROAR Approved)

17.5 Late Model

1. Any 2WD Chassis
2. Conversion, stock or purpose built by manufacturer
3. Any 17.5 Motor ROAR Approved
4. Any ESC, must be in Blinky mode or No Timing or Boost Allowed
5. Any DODC Body
6. Will Follow DODC Body Rules
7. Open Tire Rule

Short Course OpenMod

1. Any commercially available 2wd SC based truck. (Associated, Traxxas, Losi, ex.)
2. Rear or mid motor chassis
3. Chassis must be SC truck based or SC truck-based conversions or purpose-built ex. Prodigy
4. Batteries must be located in the center of the driveline.
5. Open tire
6. Any motor
7. Open Battery Rule.
8. Open rubber street tread SC tire rule. Nothing aggressive to the track surface. The tread must be the mass-produced tread for the model of your tire. 1/8 scale rubber tires are not legal.

Short Course Sportmod 13.5

1. Chassis must be a stock mass produced chassis (Associated, Traxxas, Losi, etc.)
2. Rear or mid motor mount allowed
3. No lefty or purpose-built chassis. No carbon fiber chassis
4. No adjustable rear arms, lowered shock towers, swaybars, etc.
5. Shocks can be original or brand manufactured option shocks but used in its originally intended configuration. Limiting of the shocks with internal limiters is Ok. Proline racing shocks are legal.
6. Any SC wheels are allowed must match car brand
7. Tires: OPEN TIRE RULE-Any SC Size Tire
8. Motors 13.5 turn R.O.A.R. approved motor.
9. ESC: R.O.A.R approved Blinky Mode ESC or Hobbywing Just Stock.
10. Battery must be in the original designed location configuration.
11. 2cell 7.4 LIPO or 7.6 hard case batteries
12. Open Modified Body
13. Rear spoiler is allowed but not to exceed 1.5" from deck, end caps are allowed no longer than 2.0" x 3.25"

Short Course Late Model

1. Chassis can be rear or mid motor chassis. Chassis must be SC truck based conversions or purpose built ex. Prodigy
2. Batteries must be located in the center of the driveline
3. Tires are Open SC rubber no foams
4. 2cell 7.4 LIPO or 7.6 hard case batteries
5. Open motor and esc
6. SC Late Model Body.
7. Rear Spoiler permitted -not more than 2 ½" off the rear deck lid no more than 2 ¾" of material.