



OUTLAW LANE

2024 Racing Season





Racing Etiquette

Drivers are expected to follow some simple guidelines for racing etiquette.

- No abusive language toward Marshalls or other drivers will be tolerated.
- No corner-cutting or short-cutting the track. If you accidentally short-cut, wait either for a marshal to return you to the correct part of the track, or wait long enough to ensure that no advantage is gained. This applies even if you accidentally short-cut due to a crash that is not your fault.
- No 'hacking' other drivers. Intentionally or recklessly crashing into other cars is called hacking. It's your responsibility to ensure you leave the drivers around you enough space – including not charging into corners and using other cars as brakes!
- When being lapped by faster drivers, it's polite to leave a little space to ensure they can get by within minimal delay. You don't need to pull off the track, or stop – just leave a little room and talk on the driver's stand. For example you might say "Go inside on the next corner Bob" and just leave enough room for the driver lapping you to do so.
- If you feel aggrieved about an incident on the track, please take it up with the race director.

Marshalling

Marshalling is part of racing. The task of a Marshall is to upright overturned cars, return crashed vehicles to the race track, and separate vehicles that have become locked together. Guidelines for Marshall (all of us) are:

- Top two finishers will Marshall the next race. If you fail to Marshall your race result may be cancelled. Repeated failure may result in exclusion from the event.
- Your first responsibility as a Marshall is your own safety. Don't enter the track unless you are certain there are no oncoming vehicles that threaten your safety. This is particularly true if you are marshalling on the straightaways.
- Please don't eat, drink, smoke or film with a cell phone while marshalling.
- If multiple vehicles crash, generally try to fix them in the order they crash.
- Place vehicles back on track facing the correct direction.
- If a driver has the throttle opened, don't pick up the vehicle. Standing over it, hands in the air, indicates you are waiting for the driver to release the throttle.
- Marshalls are not in place to repair broken vehicles. If a vehicle breaks, remove it from the track and pass it around the outside (through other Marshalls) back to the pit area for repairs.

Heat race rules:



- Each heat race line up grid max is 6 vehicles. If there are 7 - 8 entries the heat race grid will be divided into two group heat events.
- Heat races are used to qualify for the mains. This is to determine who qualifies for the “A” main and lower mains.
- Each club race event will have two heat races. Special events may have a different format.
- Each heat group may compete or there may be a resort for both races utilizing the standard rule package for heat races.

Main rules

- “A” Main heat is timed or lap event. Lower mains through the B main will be of lower time or laps than the A Main.
- Lineup will be based on best finish/time from heat races as determined by the computer system.
- There is only one “A” main event per (class) race event.

Vehicle transponder

Each vehicle is required to have their own transponder that will work with the MYLAP timing system. These transponders can be found at: <https://www.mylaps.com/en>.

Compatible MYLAP transponders that will work with our RC4 MYLAP system:



	AMB 20	AMBrc	AMBrc DP PT	RC4 Hybrid	RC4
AMB20 decoder	Lap timing	Does not work	Does not work	Does not work	Does not work
AMBrc (RC2) decoder	Does not work	Lap timing	Lap timing	Lap timing	Does not work
RC3 decoder	Does not work	Lap timing	Lap timing	Lap timing	Does not work
RC4 decoder	Does not work	Lap timing	Lap timing	Lap timing	Lap timing
	-	-	-	Temperature	Temperature
	-	-	-	Voltage	Voltage
	-	-	-	*Car ID's possible	Car ID's possible
	-	-	-	-	Custom numbers available

*Will be RC4 Car ID, not a Hybrid

If a transponder fails to work during a heat race that vehicle is awarded last place. If the transponder isn't fixed; the driver can continue to race but will not be scored.

If a transponder fails to work after the first heat race all rules in the above paragraph apply.



It is the responsibility of the driver to ensure his/her transponder works properly at all times.

Track Suspension

Any person/driver that behaves in a manner considered disrespectful towards other drivers, marshals or track owners will receive a warning. Continued behavior will result in a suspension for the driver of a selected number of races decided by the race director.

Any driver that operates their vehicle in manner that is determined to be reckless and/or intentionally running into other vehicles for personal/team gain will receive a warning by the race director and/or lose driver points and/or put on probation. Continued behavior will result in driver suspension determined by race director.

Any vehicle caught using equipment outside the rules for that particular class will be disqualified for that race event. Continued practice of this type will result in a suspension from the track.

Drivers not following rules of the host track and removed by track owners may not be allowed back to the track.

Regardless of suspension or forfeit of season no track entry fees will be returned.

Drivers who fail to properly execute their duties as marshals will receive a warning by the race director and put on probation for a period of races determined by the race director. If at any time during this probation period, the same driver has to be told again to fulfill their marshal duties they will be suspended from the track. Vehicle is still eligible to race with another driver.

Series Points:

Season series will consist of 2 drops if 8 or more events are conducted. If 6-7 events are completed due to weather, 1 drop; 5 events or less there are no drops. Points will be awarded each race as described below:

1st: 100
2nd: 98
3rd: 96
4th: 94
5th: 92



- Trophy races indicated with a * on the schedule do count for points.

CLASSES

SC MODIFIED:

Must be a SC Based Chassis

Carbon fiber chassis allowed. Must meet the following specs.

All suspension components, transmission, front and rear bulkheads must be on center line of the vehicle.

All larger volume OEM Chassis are legal IE “AE, TLR, Traxxas”

Aftermarket or specifically built chassis and kits must conform to the following specifications.

Maximum Chassis width 7”

Minimum Chassis width 5 1/8”

Maximum left side of chassis can be from centerline is 3 1/2”

Right side must be a minimum of 2.25” from centerline to outside edge of chassis.

Cages: Must represent a cage, no solid plastic cages, must be cut the same on both sides.

Minimum wheelbase 12.5”

Maximum wheelbase 13.5”

Shock bodies min length 1”

Front Track width Min 11.42” *UPDATED TO MEET ROAR SPECS*

Front track width Max 11.65” *UPDATED TO MEET ROAR SPECS*

Front Suspension arms must be equal size left and right.

Rear Suspension arms must be equal size left and right.

Adjustable Rear Suspension arms are allowed.

Battery must be mounted on the centerline of the vehicle. Can be either designed front to back or sideways across the chassis but center of battery must be on centerline of chassis.

MOTOR and ESC: Open



- No 8th scale motors allowed

BATTERY: 2 Cell HARD CASE Lipos. Do not need to be ROAR approved. 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

TIRES: Open

- Only Short Course Wheels

SC BODY RULES:

Body Length, Width, and Height:

13" max body width

28" max length (bumper to spoiler)

7.5" max body height measured from bottom of chassis.

Center deck:

1" max deck rake.

1" max center deck taper (widest point of the deck can only be 1" wider than the narrowest point of deck)

Spoiler:

1.5" max spoiler height

Spoiler end plate max 2" high off-center deck and 3.25" long

Roof:

0.5" max roof rake measured from deck.

Maximum Roof width 9"

Maximum Roof length 9"

No roof spoilers, a bend down at the trailing edge of the roof is allowed for strength.

Roof side rails allowed but must have a scale appearance and be on both the left and right sides of the roof.

1/4" bend down at the leading edge of the roof allowed.

Roll cage/Roof Supports:

Roll cage/roof supports must be cut or formed to resemble a roll cage. No solid panel roof supports. Window netting and rock guards are allowed.

Nose:

Nose sides can extend a max of 1/4" above the plane of the nose panel.

Nose sides can extend a max of 1/4" above the plane of the hood panel.

Nose cannot extend past the inner edges of the front wheels.

Main nose panel must be a flat plane. No concave or scooped noses allowed.

Rear wheel wells must be cut out to expose most of the rear wheel.

Left and right windows and sails can be open as long as both sides are the same.



410 SPRINT

DODC RULES APPLY

BATTERY: 2 Cell HARD CASE Lipos. Do not need to be ROAR approved. 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

MOTOR and ESC: Open

TIRES: Open

OPEN LATE MODEL:

DODC RULES APPLY

BATTERY: 2 Cell HARD CASE Lipos. Do not need to be ROAR approved. 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

MOTOR: Open

ESC: Open

TIRES: Open

MIDWEST MODIFIED:

MOTOR and ESC: Open

BATTERY: 2 Cell HARD CASE Lipos. Do not need to be ROAR approved. 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

TIRES: Open



BODY RULES: See DirtOval.com 1/10 Mid-West Modified Rules

Street Stock:

Any 1/10th scale buggy. Must be a factory based off-road buggy. Associated SR-10 Allowed.

Approved manufacturers are Associated, Losi, Traxxas, Kyosho, Durango, Team C, Xray, Yokomo, Hobao H2.

Chassis must remain stock, no aftermarket/non-OEM upgrades except RPM Brand parts designed for the chassis. OEM Option parts sold by these companies, designed for their cars are allowed.

Big Bore and threaded OEM Shocks are allowed.

SPRINGS: They can be from any manufacturer in the RC Industry not only OEM.

Rear wheel drive only.

Mid or rear motor allowed.

Adjustable rear A arms are NOT allowed.

BATTERY: 2 Cell HARD CASE Lipos. Do not need to be ROAR approved. 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

MOTOR: Any 13.5T

- No kv equivalent motors allowed.

ESC: Blinky mode only (must visibly show a blink)

TIRES: Open

BODY

- Max 1" Spoiler from the deck, no side caps.
- Any currently available body that is a production based street car full windows intact.
- No decking, body must be mounted to touch on shock towers without modifications to body or production shock towers.
- Wheel wells must be fully cut out to expose wheels.



- Rear bumper and tail panel must be intact and cannot be modified.
- **Rear bumper must be 2 ½” below rear deck across the back of the car.**

SC B MOD:

CHASSIS: Any past or current commercially available mass-produced Short Course Truck Produced by manufacturers in our industry. Examples are Traxxas, Team Associated, Team Losi Racing, XRay, HPI and other manufacturers of this level in our industry. No conversions or custom-built trucks. Trucks must be run as originally built by above mentioned manufacturers.

The only options allowed are option parts produced by the original manufacturer and designed and used for intended purpose. You cannot modify the chassis to fit batteries or electronics other than originally designed by manufacturers. No adjustable rear arms or lowered shock towers etc.

Parts must be used as they were originally intended for the truck. IE no swapping of arms Left on Right and Right on Left or Toe Blocks on opposite sides.

MOTOR and ESC: Open

- No 8th scale motors allowed

BATTERY: 2 Cell HARD CASE Lipos. Do not need to be ROAR approved. 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

TIRES: Open

Wheels: Only short course wheels.

Shock: Original or Brand manufactured option shocks allowed but must be used in its originally intended configuration. IE – no front shocks on the rear etc. Limiting the shocks with internal limiters is OK.

Adjustable Arms/Shock tower: No adjustable rear arms or lowered shock towers. No sway bars allowed.

Spring: They can be from any manufacturer in the RC industry.



SC B MOD BODY RULES:

- Body Length, Width, and Height:
- 13" max body width
- 28" max length (bumper to spoiler)
- 7.5" max body height measured from bottom of chassis

Center deck:

- 1" max deck rake.
- 1" max center deck taper (widest point of the deck can only be 1" wider than the narrowest point of deck)

Spoiler:

- 1.5" max spoiler height
- Spoiler end plate max 2" high off-center deck and 3.25" long

Roof:

- 0.5" max roof rake measured from deck
- Maximum Roof width 9"
- Maximum Roof length 9"
- No roof spoilers, a bend down at the trailing edge of the roof is allowed for strength
- Roof side rails allowed but must have a scale appearance and be on both the left and right sides of the roof.
- 1/4" bend down at the leading edge of the roof allowed.

Roll cage/Roof Supports:

- Roll cage/roof supports must be cut or formed to resemble a roll cage. No solid panel roof supports. Window netting and rock guards are allowed.

Nose:

- Nose sides can extend a max of 1/4" above the plane of the nose panel
- Nose sides can extend a max of 1/4" above the plane of the hood panel
- Nose cannot extend past the inner edges of the front wheels
- Main nose panel must be a flat plane. No concave or scooped noses allowed.
- Rear wheel wells must be cut out to expose most of the rear wheel
- Left and right windows and sails can be open as long as both sides are the same.

NOVICE:

This class is for rookies and can enter any style of 1/10 scale RC. (No 4x4 or monster trucks)



Batteries: 2 Cell Hard Case LiPo or NiCd battery. 2 Cell HARD CASE Lipos; 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

Motor: Open

Tires: Open

Crate Late Model:

Any 1/10th scale buggy or carbon fiber chassis.

Rear wheel drive only.

Mid or rear motor allowed.

Straight Rear A-Arms or Adjustable Rear A-Arms are allowed.

BATTERY: 2 Cell HARD CASE Lipos. Do not need to be ROAR approved. 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

MOTOR: Any 13.5T

- No kv equivalent motors allowed.

ESC: Blinky mode only (must visibly show a blink)

TIRES: Open

BODY: 1/10 late model body. DODC body rules apply. (Same as open late model)

NASTRUCK (This is an OutLaw Lane developed class)

NASTRUCK division is a great class for both intermediate and advanced racers alike looking to race 2wd short course trucks that are spec which offers very realistic close racing. This is a great stepping class into the SC MOD classes.



Chassis: ONLY Team Associated SC10, SC10.2, SC5M, Team Losi Racing XXXT, 22SCT, TRAXXAS Slash (LCG), Blitz SCT and Fury AARMA SCT.

Motor: 10.5T.

Batteries: 2 Cell HARD CASE Lipos. Do not need to be ROAR approved. 8.40 max voltage at Tech Inspection. If it is 8.45 or higher, you will not be allowed to race that round.

Tires: Open

Body: Only:

Pro-Line 1/10 truck body part #3457-00

JC Concepts 1999 Ford Lightning part#0310

Pro-Line 347600 Toyota Tundra

Pro-Line 353200 84' Dodge Ram

Pro-Line 351200 19' Chevy Silverado Z71

Pro-Line 346100 17' Ford Raptor

- Max 1" spoiler.
- **Shock:** Open
- **Adjustable Arms/Shock tower:** Optional/After market towers allowed/Sway bars allowed.
- **Spring:** Open
- **Wheels:** Only short course wheels.

Stock Slash Street Stock

Must use stock Traxxas Slash 2wd chassis and components, unmodified, unless otherwise specified. No modifying, replacing, or removing any components unless otherwise specified.

All suspension components must be installed in the proper position and orientation on the car from the factory (EXAMPLE: Left caster block on the left; right block on the right, suspension arms right side up, etc.). Any color Traxxas Slash aluminum steering bell cranks (#3743), caster blocks (#3632), steering blocks (#3636), camber links, and rear axle carriers (#3652) are allowed.

RPM rear carriers (#80382), front steering blocks (#80372), caster blocks (#80712), and front (#80952, #80953, #80955) & rear (#81002, #81003, #81005) bumpers will be allowed. The "hoop" and "ears" on the front bumper may be cut off, however, the main area of the bumper must remain intact (unless you are running a body manufactures front body mount/bumper).

Transmitter/Receiver and servo may be replaced. (Servo saver will also not be a tech item) Traxxas Aluminum Steering Bellcranks (3743A and 3743X)



Locking or modifying the differential in any way will not be allowed. The differential must have normal diff action when rotating one rear tire against the normal compression (resistance) of the motor. No ball diffs.

NO SWAY BARS

Any additional weight must be added within the main chassis plate area. Adding weight to nerf bars, bumpers, headers, suspension arms, or any component not within the main chassis area will not be allowed. The ESC, transponder, and receiver can be mounted anywhere in the main chassis plate area only. Minimum Ride Height: .750" (including body).

Motor, ESC, & Battery: Must use the stock Blue XL-5 ESC(unaltered) & unaltered Titan 12t 550 brushed motor. Tuning, tweaking, or modifying the motor in any way will not be allowed. The stock (bullet) connectors from the motor to the ESC must also be used. Soldering the connectors together is not allowed.

No cooling fans on the motor or esc.

Battery: open battery, Max charge of 8.44v and hard case only

Battery must be mounted in the stock center tray location, but can be moved forward or back as long as it stays within the stock boundaries of the battery tray. Any plug may be used for the battery to ESC connection. However, direct soldering to the battery will not be allowed.

Tires, Wheels, & Inserts: Any 2.2/3.0 short course wheel will be allowed that is made for the 2wd slash (19mm offset Front and 21.5mm offset rear). Each wheel must have a minimum of two vent holes. Front wheels must be on the front and rear wheels on the rears. Altering the inside of the tire in any way will not be allowed. Tires cannot be ground down to slicks. Tires must have a minimum tread depth of .065" for all tread styles. One foam insert per tire only.

Only Pro-Line 1/10 Hot Laps, and Pro-Line Hoosiers G60 tires are allowed.

Shocks & Springs: Any Slash tuning spring by Traxxas will be allowed. Springs may not be cut or altered from factory in any way. Aluminum shock caps (any color) are allowed. The shock oil or shock travel/length will not be mandated. 2-stage pistons or any modification to the shock piston to tune the compression and rebound separately will not be allowed.

If it doesn't state that you can use or do it to the car it's NOT ALLOWED!

-Traxxas LCG chassis kit is legal.



-Approved part list: RPM-80712, 80832, 80852, 81002, 81003, 81005, 80902, 80905, 80372, 80382, 80244, 80249, 80599, 73752, 80592, 80595, 80594

-All Brands of Aluminum shock caps that fit on the stock shocks STRC- ST3640S, ST3640BK.

-All parts that Traxxas make for the 2wd electric slash are allowed.

-Must be a street stock body that covers all four tires.

MIDGET

GENERAL – Maximum Overall Length: 16.750”. Maximum Chassis width: 4.2”. A maximum of 4 shocks can be used. Solid axles are allowed. If solid axles are used the rear axle must be square with centerline of the chassis and parallel to the front axle.

WHEELBASE – Min 9.5” Max 10.0”

WIDTH – Min 8.5” Max 10.0

REAR TOE – Only nonadjustable rear arms can be used. Trackside toe adjustable rear hubs and or arms are not allowed. Trackside adjustable wheelbase is not allowed (can't have toe blocks or anything else attached to an easily adjustable mechanism to allow for wheelbase change trackside). Left rear can be toed in via tow block. Right rear can be toed in but can NOT be toed out.

OFFSET – Right side of the cage can be no further offset from the outside of the RR tire than 3.625”.

BALLAST WEIGHT – Brass, tungsten or steel hubs, arms, arm inserts, caster blocks steering arms are not allowed. Ballast weight can be attached to the main chassis area is allowed as long as it's secured properly.

TRANSMISSION – 3 gear transmissions only. No DD, 2, 4 or 5 gear transmissions will be allowed. All gears must be full gears. No narrowed or lightened gears allowed. Plastic, Aluminum and Steel gears are permitted. Steel outdrives only. Blades are permitted. No gear diffs allowed. No rear motor cars allowed unless you can do it in a manner that the tail tank is appropriately sized and located.

SOLID AXLE OPTION – If a solid rear axle design is used it, the motor must be mounted to the chassis and CVA/CVD must be used to drive the rear axle. No belts or chains will be allowed. A spur gear and pinion must be used in conjunction with the motor plate mounted to the chassis.



CVA/CVD – Dog bones must be equal length. Axles and bones must be made from steel. No aluminum, titanium or magnesium axles or bones allowed.

SPEED CONTROLLER – Hobbywing Juststock Speed controller #30112003

MOTOR – Hobbywing 13.5T Juststock #30408010.

BATTERY – 2S hard case lipo

TIRES – GFRP Quasi Speed rear and front with Quasi Speed inserts.

CAGE – Must have a scale appearing contemporary cage made from rounded stock. The cage must be symmetrical left to right and mounted level to the chassis. Unrealistic shaped cages designed to exploit the rules below are not permitted. Maximum cage width at driver halo, down tubes, and top frame rail: 3.600". Minimum cage height is 6.00" while maximum cage height 6.25" from top of chassis to top of cage at highest point. Rear "down tubes" must slant forward. All cage and body components such as cage, bumpers, nerf bars, hoods, side panels, tanks, etc. must be mounted on the centerline of the cage. Chassis may not extend outside of the side panels by more than 1/4" on either side.

BUMPERS – A tubular front bumper must be used and may not be designed to direct air or create downforce. Maximum height of front bumper is 1.5" from the bottom of the lowest point of the chassis. Scale appearing side nerf bars must be used on both sides of the car. A scale appearing rear hoop style bumper must be used. Bumpers and nerf bars must be made of round stock with no sharp edges.

Tail Tank – A traditional scale appearing rounded style three-dimensional rear fuel cell must be used. A rectangle (Swindell) style rear tank is allowed but must have a proper style rear bumper to go with it. You cannot simply have a flat tail section with no bumper.

HEADERS – Three-dimensional scale appearing headers, head and oil tank must be used on the left side of the car in "engine area". Material must be plastic or aluminum. Not allowed to make inserts for these to add ballast weight.

SIDE PANELS – Flat side panels may be made from molded or fabricated polycarbonate. Maximum height of side panels in front of the driver cockpit is 4.50" from the bottom of the chassis. Must have minimum of 1/2" high by 2.5" long openings on both sides of cage in driver compartment. Additional material may be used/added to either side of the side panel openings to replicate a scale appearing driver but may not exceed 1"x1". Side panels may not extend beyond the cage by more than 0.25". Side Panels may not extend into the area that is behind the rear axle AND below the top of the rear nerf bar. Scale appearing driver arm guards and engine vents may be used but cannot extend more than 3/8" from the side panels. No other flares or turnouts



designed to deflect, trap and /or form a pattern for air to travel in a directed manner are permitted except for those used to cool electronics.

HOOD – A scale appearing hood must be used and defined as beginning at the point where torsion tubes or cross brace would be on a 1:1 car behind the front bumper. The hood must be tall enough and wide enough to allow room for a scale engine intake and air cleaners (no unrealistically low or flat hoods). Minimum vertical gap from top of hood to bottom of front cage crossbar.

NOSE AREA – No molded or fabricated nose piece may be used and is defined from the torsion tube or cross brace would be on a 1:1 car. You cannot have anything below that point that is on the same plane as the hood, no scoops or bodywork allowed in this area. You can have side panels along the front of the cage but they cannot stick past the cage sides.