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LVRC
LONG VALLEY RC

LVRC NASCAR SERIES
OFFICIAL RULEBOOK

Home Track: River View Park, Buellton, CA
Version 2.0 (Detailed) • Updated February 21, 2026

Quick Start

This rulebook defines how LVRC NASCAR Series events are run at River View Park. The goals are: **close racing**, **fair competition**, and **clean driving**. If something is not specifically covered, the Race Director will make a ruling using the spirit of these rules.

At-a-Glance

- **Platform:** Stock Losi 1/12 NASCAR RTR platform
- **Start:** Stationary lineup, go on official tone
- **Main Event:** 20 laps (unless announced otherwise before lineup)
- **Cautions:** None (green racing unless the Race Director stops the event)
- **Flipping:** Drivers flip their own cars
- **Championship:** Most race wins; Top 4 enter final Championship Race

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1. Definitions

Term	Meaning
Racing line	The preferred path around the track that allows the highest speed through a corner.
Established position	A car is alongside another car before the turn-in point (corner entry) with enough room to pass.
Turn-in point	The moment a driver begins steering into the corner (corner entry).
Foul	A rule violation called by a driver or observed by the Race Director.
Incident	Any contact, spin, off-track, or crash involving one or more cars.
Give-back	Returning a position gained by causing avoidable contact or forcing a car off-track.

Interpretation Note: The Race Director may interpret these definitions to resolve gray areas fairly.

2. Membership, Eligibility, and Sportsmanship

2.1 Eligibility

- Any driver may participate if they can safely operate their car and follow the event procedures.
- Drivers must register as required by LVRC (online or at the track) before racing.
- Minors must have a parent/guardian present unless approved by LVRC.

2.2 Sportsmanship

- Respect other drivers, the Race Director, spectators, and the park.
- No profanity directed at others, threats, or harassment.
- No arguing during green racing. Save disputes for the foul process.

3. Vehicle Rules

3.1 Approved Platform

Stock Losi 1/12 NASCAR RTR platform only. Cars must retain the factory chassis layout and suspension architecture.

3.2 Permitted Options

- Optional aero packages such as upgraded spoilers, splitters, and rear diffusers (must be securely mounted).
- Routine maintenance and replacement parts that match factory dimensions (bearings, screws, body pins, etc.).
- Body repairs using tape/shoe-goo that do not materially change the shape of the body.

3.3 Prohibited Modifications

- No chassis cutting, drilling, heating, bending, or lightening.
- No aftermarket motor/ESC changes unless the event announcement explicitly allows it.
- No traction magnets or hidden weight shifting.
- No suspension geometry conversion beyond factory adjustment range.

4. Batteries, Charging, and Safety

Spec Battery Rule (Mandatory)

Only the original stock 2S 1400mAh LiPo battery included with the RTR vehicle is permitted. No aftermarket, higher capacity, higher C-rating, or 3S batteries allowed.

3.3 Battery Inspection Protocol

- Visual inspection pre-race.
- Random post-race verification.
- Refusal to submit battery results in DQ.
- Penalty: Non-approved battery results in immediate Disqualification.
- NO GAS GENERATORS ALLOWED. Battery pack chargers are okay.
- Use LiPo-safe charging practices (LiPo bag or fire-resistant surface).
- Never charge unattended.
- If a battery is swollen, damaged, or hot to the touch after a run, remove it from service.
- Wet conditions: follow manufacturer guidance and use caution with LiPo batteries in wet environments.

Safety Authority: The Race Director may stop a car from racing if it appears unsafe (battery, wiring, steering failure, etc.).

5. Tires, Wheels, and Aero Options

5.1 Tires

Open tire within the Losi 1/12 NASCAR platform. Tires must be safe, securely glued, and not leak chemicals onto the track.

5.2 Wheels

Wheels must fit the platform without widening the track width beyond factory limits.

5.3 Aero

- Aero parts must be securely mounted and not pose a hazard if they detach.
- No sharp edges. Tape or sand edges if needed.
- Aero may not exceed reasonable scale size; the Race Director may reject extreme aero.

6. Tech Inspection and Compliance

- Tech may be performed at any time: pre-race, post-race, or after a foul call.
- Drivers must present their car for inspection when requested.
- If a car is found out of spec, the Race Director may apply penalties up to disqualification for that event.

Good Faith Standard: LVRC assumes drivers are competing in good faith. Repeated violations may result in removal from the series.

7. Track, Practice, and Event Flow

- Arrive early enough to check batteries, confirm radio operation, and verify steering trim.
- Practice sessions are informal unless the Race Director schedules structured practice.
- Drivers meeting occurs before racing to review any day-of changes.

8. Race Procedures

8.1 Lineup and Start

- Cars line up on the grid as directed.
- Start is stationary. Race begins on the official go tone.
- Jump starts may be penalized (warning or position penalty at Director discretion).

10 Drivers or Fewer

- Single 20-lap Main Event.
- Winner receives Official Race Win.

11–16 Drivers (Heat Format)

- Two 10-lap Heat Races.
- Top 3 from each heat advance.
- 6-driver Championship Main (20 laps).
- Only Championship Main winner earns Official Race Win

8.2 Passing

- The overtaking driver is responsible for a clean pass.
- The leading driver should hold a predictable line (no sudden swerves).
- Side-by-side racing is allowed when both drivers have established position.

8.3 Off-Track and Rejoining

- If you leave the racing surface, rejoin safely without interfering with oncoming traffic.
- If you cause an incident while rejoining, you may be required to give back positions or take a penalty.
- If you wreck, you lose your position and must play catch-up.

8.4 Flipping and Marshaling

- Drivers must flip their own cars. Plan your driving accordingly.
- If a car is blocking the racing line upside-down and creating a safety issue, the Race Director may call a stop.

8.5 Race Distance and Finish

- Main Event is 20 laps unless the Race Director announces a change before lineup.
- Finish order is determined by laps completed and order across the line.
- If timing/scoring is used in the future, transponder mounting is the driver's responsibility.

9. Driving Conduct and Fouls

9.1 Clean Racing Standard

All drivers are expected to race with respect, control, and sportsmanship. The series is competitive, but clean driving comes first.

9.2 No Cut-Offs in Corners

- **No intentional cutting off drivers in corners.**
- A driver must establish position before corner entry to claim the racing line.
- Dive-bombing into a corner with no realistic chance of holding the line cleanly is prohibited.
- If you force entry and cause contact, you may be ruled at fault and required to give the position back.

9.3 No Intentional Wrecking

- **Intentional wrecking is strictly prohibited.**
- Retaliation wrecking is also prohibited.
- Any deliberate crash may result in a penalty up to disqualification.

9.4 Racing Contact

- Light incidental contact can happen during close racing.

- Excessive contact, repeated aggressive driving, or forcing cars off track may be penalized.

9.5 Calling a Foul

- Any driver may verbally call "FOUL" immediately after an incident.
- The Race Director reviews the situation and issues a ruling.
- The Race Director’s decision is final for that event.
- No arguing during green-flag racing.

10. Penalties and Dispute Resolution

10.1 Penalty Toolbox

- Warning
- Give-back (return the position)
- Position penalty (moved behind specific cars)
- Lap penalty (if applicable)
- Disqualification (DQ) from the event

10.2 Common Infractions

Infraction	Typical Ruling (Guideline)
Corner cut-off / dive-bomb causing contact	Give-back or position penalty
Intentional wrecking / retaliation	DQ (may include removal from next event)
Unsafe rejoin causing incident	Give-back or position penalty
Arguing during green racing	Warning; repeat may be position penalty
Unsportsmanlike conduct	Warning to DQ depending on severity

Dispute Resolution: Drivers may call fouls. The Race Director resolves disputes at the track. The decision is final for that event.

11. Race Director Duties

- Race Director rotates each race to keep events fair.
- The Race Director also races and remains eligible for the championship.
- The Race Director is responsible for lineup, start tone, rulings, and any emergency stops.
- The Race Director should remain calm, impartial, and consistent.

12. Championship Format and Tie-Breakers

- Season Champion is the driver with the most race wins.
- At season end, the Top 4 drivers by wins advance to the Championship Race.
- The Championship Race is the last scheduled race of the year.
- Recommended tie-breakers (if needed): (1) Head-to-head wins, (2) Best average finish, (3) Coin flip by Race Director.

Appendix A. Reference Rule Sets and Inspirations

LVRC rules are custom-built for River View Park and this community. The documents below were reviewed to borrow common best practices such as spec/box-stock philosophy, safety language, and tech inspection expectations.

- R/C Madness – "Losi NASCAR Box Stock Rules" (club rules page).
- Saint John RC Race Club – Technical Regulations (includes Losi NASCAR tire guidance).
- ROAR – ROAR Rule Book (general safety and technical standards).
- Get a Hobby – 2024-2025 Racing Rules PDF (spec racing compliance guidance). • One Eighth Racers – Losi NASCAR running as a box stock class (club announcement).

Reference	Where
R/C Madness Racing Rules (Losi NASCA	Box Stock) https://rcmadness.com/rcmadness-racing-rules/
SJRC Technical Regulations	https://sjrcrc.proboards.com/thread/6/sjrc-technical-regulations
ROAR Rule Book (current downloads)	https://www.roarracing.com/downloads/ROAR_Rule_Book.pdf
Get a Hobby 2024-2025 Racing Rules (PDF)	
One Eighth Racers – Losi NASCAR at events	https://www.oneeighthracers.com/news/losi-nascar-112-running-events

<https://cdn.shoplightspeed.com/shops/651119/files/65975679/2024-2025-racing-ru>

Appendix B. Suggested Announcer / Race Director Scripts

Drivers Meeting (60 seconds)

Welcome to the LVRC NASCAR Series at River View Park. Today we are running Stock Losi 1/12 NASCAR. Start is stationary and we go on the tone. No cautions. If you wreck, you lose your spot and play catch-up. Drivers flip their own cars. Clean racing is the standard: no corner cut-offs and no intentional wrecking. If you need to call a foul, say "FOUL" right after the incident and I will make a ruling.

Start Call

Drivers ready... hold... (tone).

Foul Ruling Call

Foul noted. Final ruling is: give-back / position penalty / warning. Back to racing.

Finish Call

Checker is out. Bring it to a safe stop and wait for final order.

13. Official Lap Timing System (Effective March 22, 2026)

13.1 Timing System Overview

Beginning March 22, 2026, the LVRC NASCAR Series will implement an official electronic lap timing system for race scoring and results verification. All drivers are required to use the approved lap timing transponder during competition.

13.2 Approved Transponder

LapMonitor Transponder (JR/Futaba Connector)

Part #: LPM02000

Brand: LapMonitor

13.3 Driver Responsibility

- Drivers are responsible for purchasing and maintaining their own transponder.
- Transponders must be properly installed and functioning prior to race lineup.
- Transponder installation must not create a safety hazard.
- Drivers are responsible for verifying correct receiver connection (JR/Futaba connector).

13.4 Mandatory Requirement

- Starting March 22, 2026, any driver without a functioning approved transponder installed on their vehicle will be Disqualified (DQ) from the event.
- No manual lap counting will be used once the timing system is active.
- No exceptions during Championship events.

13.5 Technical Verification

Transponders may be checked during Tech Inspection. If a transponder fails during a race, scoring will default to system-recorded laps. If no laps are recorded due to driver equipment failure, the result may be scored as last place or DQ at the Race Director's discretion.

Transponder Installation Guidelines

- Mount securely using high-quality double-sided servo tape or zip ties.
- Position away from moving drivetrain components.
- Avoid heavy shielding from carbon fiber or aluminum components.
- Ensure wiring is secure and cannot contact rotating parts.
- Test system function before race lineup.
- IR LIGHT NEEDS TO HAVE A CLEAR AND DIRECT PATH. This means you will need to drill a hole in your body as we will be side mounting these. Please call or email if you need assistance.