

Milton RC Raceway Losi NASCAR Rules

The purpose of the Losi NASCAR division is to provide affordable, competitive racing using the 1/12-scale Losi NASCAR platform. Cars must remain box stock except for the specific adjustments, replacement parts and durability upgrades permitted below.

Only parts specifically permitted by these rules are legal. A part fitting the car or being manufactured by Losi, ARRMA, Spektrum, Pro-Line or another company does not automatically make it legal.

Milton RC Raceway may inspect, photograph, mark, seal, disassemble, impound or exchange components at any time.

A. Chassis:

1. The car must use the original 1/12-scale Losi NASCAR composite chassis platform.
2. The chassis tub, top deck, nerf bars, bumpers, diffuser and suspension mounting areas must remain in their original factory design and location. The factory front splitter must be retained. Cars using an approved Losi Monte Carlo body may use the factory Monte Carlo splitter (LOS-4562) and diffuser (LOS-4563). All splitters and diffusers must remain in their factory mounting locations and may not be cut, reshaped or modified. Trimming is permitted only as necessary to provide proper clearance for an approved Pro-Line body.
3. No additional ballast or weight may be added.
4. Nothing can be removed from the car, except for making a small hole in the body for transponder reading/mounting purposes.
5. The car must remain AWD.

B. Body

1. The following bodies are permitted:
 - Losi NASCAR Chevrolet Camaro
 - Losi NASCAR Ford Mustang
 - Losi NASCAR Toyota Camry
 - Losi NASCAR Gen 4 Chevrolet Monte Carlo, including the factory Jeff Gordon and Jimmie Johnson bodies and Losi clear Monte Carlo body (LOS-4561). Factory Monte Carlo clipless body-mount components are permitted.
 - Pro-Line 1996 Ford Thunderbird (PRO371017)

- Pro-Line 1990 Chevrolet Lumina (PRO370917)
- Pro-Line 1996 Chevrolet Monte Carlo (PRO371317)
- Pro-Line NASCAR Next Gen Bodies (PRO371722, PRO371720, PRO375020, PRO375120)

2. These are the only bodies allowed. No Truck Bodies, Sports Car, Late Model, 1987 NASCAR, or any other body allowed other than the ones listed.

3. The bodies can either be factory painted/decaled or painted/wrapped in your own color scheme.

4. The body must have numbers on the roof and both doors

C. Motor

1. The only legal motor is the factory LOS-1907 28T 380 Brush Sized Motor.

2. The motor must remain stock internally and externally as manufactured. Motors may not be opened, disassembled, rebuilt, modified or altered in any manner. Any motor showing evidence of being opened or tampered with is illegal, regardless of the reason.

D. Electronics

1. The factory Spektrum Waterproof SLT 2-in-1 25A ESC & Receiver (SPMXSE3125RX, SPMXSE3325RX) with stock IC2 battery connector (SPMXCA320) must be used and must remain stock and unmodified.

2. The factory-supplied Spektrum 2.4GHz SLT2 transmitter must be used and must remain stock and unmodified.

3. The only legal battery is the Spektrum Smart 7.4V 1400mAh 2S 30C Hard Case LiPo Battery (SPMX142S30H2).

4. Any commercially available steering servo with an advertised retail price of \$90 or less is permitted. The track must be able to look up and verify the price. The track can claim any servo for \$90.

5. All electronics must remain in the stock mounting location.

6. Heat Sinks are allowed.

E. Tires

1. The following tires are the only tires permitted:

- Losi NASCAR Medium (LOS-1914)
- Losi NASCAR Soft (LOS-1937)
- Losi Goodyear Eagle Gen 4 mounted stock tires (LOS-4566).
- Pro-Line Losi NASCAR Soft (PRO1030411)
- Pro-Line Losi NASCAR Option Tire (PRO1030410)

2. CA type glue may be applied to the sidewalls of the tires.

3. Traction compound is allowed but must be odorless. No wet tires allowed on track, must do burnout on burnout carpet pad before hitting track. You will be disqualified for the race if you put a car with wet tires on track.

F. Suspension

1. Stock, molded suspension arms and links

2. Stock shocks. Oil can be changed. Stock springs only. Collars/ride height can be adjusted.

G. Transmission

1. Must run the ARA311177V2 Assembled Differential 30T 0.8Mod V2 (1pc):GROM

2. Grease/fluid can be changed. The differential has to exhibit normal differential action by hand and cannot be packed so heavily that it effectively becomes locked

H. Gearing/Driveline

1. The only legal pinions are:

- ARA311203 — 17T
- ARA311204 — 18T
- ARA311205 — 19T

2. Spur gears must be the ARRMA Metal Spur Gear 59T (ARA311196)

3. The stock Losi Servo & Motor Plate (LOS-1932) Set must be used.

4. The stock LOS-1930 steel center driveshaft is required. No aluminum center shafts.

5. Racers will be allowed to cut the center drive shaft cover to allow for easy disassembling during tech (it is the racers responsibility to now remove the cover in tech).

6. Tech will physically count pinion teeth when necessary. The physical tooth count controls over markings, labels or packaging.

7. A naturally chipped tooth is not automatically illegal. Evidence of deliberate grinding, filing or reshaping is illegal.

I. Axles

We will allow steel front & rear drive axles for increased durability. The approved part numbers are LOS-1929, GRM288NCR, GRM288NCF, and EXO2320.

J. Pro, Intermediate, Novice Division Splits

The Losi NASCAR divisions will be split into Pro, Intermediate, and Novice. They will be split by breakout rule, meaning if you run a lap time faster than the breakout rule that lap will not be scored. The Pro breakout rule is 3.0, the Intermediate breakout rule is 3.4, the Novice breakout rule is 3.9. Please note the Novice division is intended for beginners and children learning to race only.

All tech decisions are at the discretion of Milton RC Raceway. This is for FUN! This is a box stock class besides the few durability items allowed. Just because it isn't listed in the rules does not mean it is legal if it goes against the box stock spirit of this division.