



2025 - 2026

Michiana Oval Racing League Rules



Schedule

Date	Track	Location
October 18	X-Treme Carpet Raceway	Bay City, Michigan
November 8	Hudson, Indiana	Hudson, Indiana
December 6	Grand River RC	Grandville, Michigan
January 17	The Lower Level	Niles, Michigan
February 21	Hudson, Indiana	Hudson, Indiana
March 22	The Lower Level	Niles, Michigan

**Must race 5 events to be considered for championship points.

Tracks

The Lower Level

846 North 8th Street
Niles, MI 49120

<https://lowerlevelrc.com/>

[Directions](#)

X-Treme Carpet Raceway

Bay City Town Center
4101 Wilder Rd
Bay City, MI 48706

<https://www.facebook.com/XtremeCarpetRaceway>

[Directions](#)

Finish Line Raceway and Hobby Shop

107 E IN-4
Hudson, IN 46747

<https://finishlinraceway.com/>

[Directions](#)

Grand River RC

2605 Sanford Ave SW
Grandville, MI 49418

<http://www.grandriverrc.com/>

[Directions](#)



Classes

- 1/12th Losi NASCAR
- 13.5 Open Sprint Car
- 17.5 Spec Sprint Car
- 13.5 TOUR Super Stock
- 17.5 TOUR Car
- 21.5 TOUR Truck
- Breakout Pan Car
- Breakout Legend
- F1
- Nastruck 4WD
- Salvas Mudboss
- Stock Euro Truck
- Super Stock Slash
- Traxxas Modified (Box Stock)
- Vintage Trans Am (VTA)
- Busch Pancar
- **ALL Local Classes** are welcome and encouraged to run. They will be eligible for a race award that day, if offered.
- **Local Classes** will not compete for MORL Series Points

Points

Qualifying Points:

TQ	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
10	9	8	7	6	5	4	3	2	1

Finish Result Points:

1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
50	45	44	43	42	41	40	39	38	37

- Points awarded will continue to decrease by 1 point until position 47 which is zero points.
- There will be a 10 (total) point bonus for drivers that attend **all six races**.
- In order for a class to be eligible for an award, it must have run a minimum of 4 times with a minimum of 4 participants competing through to and participating in the main.
- A single drop will be allowed for this year's series.
- Double points will be awarded at the final race of the season.

Year End Awards

The following classes are eligible for end of year awards:

- 21.5 TOUR Truck
- 17.5 TOUR Car
- 1/12th Losi NASCAR
- Breakout Pan Car
- Legends Breakout
- Nastruck 4WS
- Stock Euro Truck
- Super Stock Slash
- Vintage Trans Am (VTA)



Requirements For All Classes

- All LiPo batteries must have a hard case.
- Batteries must NOT be charged beyond their design voltage (4.20V per cell for standard LiPo's).
- No receiver packs allowed for any classes except for modified classes.
- No "super caps". Capacitors cannot exceed 10,000 micro farads.
- No reverse allowed. It must be locked out in your speed control.
- All vehicles must meet their class's minimum ride height requirements. No part of the vehicle can drag on the carpet. 3mm minimum for 1/12 scale pan cars and 5mm minimum for most other classes. See class rules for specific requirements.
- All vehicles must be free of dirt, mud, oil, etc. Protecting our carpet racing surface is top priority.
- Racers must provide their own transponders. All series tracks accommodate most styles of both 2 and 3 wire transponders.
- If we do not have at least three vehicles in a class, we may (at the race director's discretion) combine classes.

Code Of Conduct

- The MORL Series strives to provide a fun and family friendly atmosphere for all ages. Please be respectful. The following will not be tolerated:
 - Foul, crude, or profane language.
 - Disrespectful or unsportsman-like conduct.
 - Any other behavior that the MORL Series race director or track owner deems inappropriate.
- Racers must bring a towel or pit mat to protect the tables.
- Racers must pick up their own trash at the end of the day.
- Please keep the restrooms neat and clean. We're not your mother; nobody's getting paid to clean them.
- The sand buckets are for Li-Po battery fires only. They're not to be used for general trash or discarding your safe, used batteries.
- LiPo batteries must be charged in flame retardant charging sacks designed for LiPo batteries.
- The MORL Series is not responsible for any lost, stolen, or damaged property.
- Unless given specific permission by the race director, you must marshal the race immediately following yours



Class Rules

1/12th Losi NASCAR

- **Chassis:** Stock Losi NASCAR chassis
- **Minimum Ride Height:** 5mm
- **Minimum Weight:** N/A
- **Motor:** MEGA 380 28T Brushed Motor
- **Gearing:** Stock
- **Battery Voltage:** Stock 2s - 8.44 Part #SPMX142S30H2
- **Battery Temperature:** 90 degrees F
- **ESC:** Spektrum SLT 2-in-1 25A ESC & Receiver
- **Tires:** Losi soft or medium compounds
- **Body:** Stock Losi or Proline Nastruck and 90s bodies.
- **Additional Notes:** Must use kit radio - No changes are allowed - period.

13.5 Open Sprint Car

- **Chassis:** Any sprint chassis
- **Minimum Ride Height:** 5mm
- **Minimum Weight:** N/A
- **Motor:** Any 13.5
- **Gearing:** Any
- **Battery Voltage:** ROAR Legal 2s - 8.44 (8000mah max.)
- **Battery Temperature:** 90 degrees F
- **ESC:** Any 2s open ESC
- **Tires:** Any foam or rubber slick
- **Body:** DODC wing rules
- **Additional Notes:** Direct drive cars may compete using above power package



17.5 Spec Sprint Car

- **Chassis:** Any gearbox type sprint chassis – no offset chassis
- **Minimum Ride Height:** 5mm
- **Minimum Weight:** N/A
- **Motor:** ROAR Approved 17.5
- **Gearing:** Any
- **Battery Voltage:** ROAR Legal 2s - 8.44 (8000mah max.)
- **Battery Temperature:** 90 degrees F
- **ESC:** Any ROAR Approved in Blinky mode only
- **Tires:** Any foam or rubber slick
- **Body:** DODC wing rules

13.5 TOUR Super Stock

- **Chassis:** Pan car type
- **Minimum Ride Height:** 4mm
- **Minimum Weight:** 36oz
- **Motor:** ROAR approved 13.5
- **Gearing:** Any
- **Battery Voltage:** ROAR Legal 1s - 4.22
- **Battery Temperature:** 90 degrees F
- **ESC:** Any ROAR approved 1s blinky
- **Tires:** Open Tires – Any Compound
- **Body:** Any TOUR approved body may be run. Must adhere to TOUR Guidelines for cutting and weight

17.5 TOUR Car

- **Chassis:** Pan car type
- **Minimum Ride Height:** 4mm
- **Minimum Weight:** 36oz
- **Motor:** 17.5 Tekin G4 SPEC-R2
- **Gearing:** Any
- **Battery Voltage:** ROAR Legal 1s - 4.22
- **Battery Temperature:** 90 degrees F
- **ESC:** Any ROAR approved 1s blinky
- **Tires:** WGT Blue Spec
- **Body:** Any TOUR approved body may be run. Must adhere to TOUR Guidelines for cutting and weight
- **Additional Notes:** Rear of body must remain intact.



21.5 TOUR Truck

- **Chassis:** Pan car type
- **Minimum Ride Height:** 4mm
- **Minimum Weight:** 36oz
- **Motor:** 21.5 TOUR approved motor (Team Gravity Red Endbell)
- **Gearing:** Any
- **Battery Voltage:** ROAR Legal 1s - 4.22
- **Battery Temperature:** 90 degrees F
- **ESC:** Any ROAR approved 1s blinky
- **Tires:** WGT Purple or Blue Spec
- **Body:** Any TOUR approved body may be run. Must adhere to TOUR Guidelines for cutting and weight
- **Additional Notes:** Minimum body weight is 105g. If weight needs to be added, it shall be added to the underside of the roof. 4.375" minimum height to the top of the truck cab.

Breakout Pan Car

- **Chassis:** Pan car type
- **Minimum Ride Height:** 4mm
- **Minimum Weight:** N/A
- **Motor:** Any
- **Gearing:** Any
- **Battery Voltage:** Any 1s or 2s
- **Battery Temperature:** 90 degrees F
- **ESC:** Any
- **Tires:** Foam
- **Body:** Any

Breakout Lap Times:

The Lower Level	5.5 seconds
Finish Line Raceway and Hobby Shop	5.0 seconds
Grand River RC	5.5 seconds
X-Treme Carpet Raceway	5.5 seconds



Breakout Legend

- **Chassis:** Stock RJ Speed or Bolink chassis
- **Minimum Ride Height:** 4mm
- **Minimum Weight:** N/A
- **Motor:** Any
- **Gearing:** Any
- **Battery Voltage:** Any 1s (4.22) or 2s (8.44)
- **Battery Temperature:** 90 degrees F
- **ESC:** Any
- **Tires:** Any spec foam or CRC rubber
- **Body:** Any Legend body
- **Additional Notes:** Race Director can opt to allow 'new and novice' racers to compete in this class with their respective car.

F1

- **Class generally follows the USVTA F1 Rules -> t.ly/qiRDB**
- **Minimum Ride Height:** 4mm
- **Minimum Weight:** 1050g
- **Motor:** Any 25.5
- **Gearing:** Any
- **Battery Voltage:** ROAR Legal 2s - 8.44
- **Battery Temperature:** 90 degrees F
- **ESC:** Any ROAR Approved in Blinky mode only
- **Tires:** TCS or CRC rubber recommended
- **Additional Notes:** Must have red 'Blinking' light on rear



Nastruck 4WD

- **Chassis:** Any 4WD touring car chassis
- **Minimum Ride Height:** 4mm
- **Minimum Weight:** N/A
- **Motor:** Any 21.5T
- **Gearing:** Open
- **Gearing:** Any
- **Battery Voltage:** ROAR Legal 2s - 8.44
- **Battery Temperature:** 90 degrees F
- **ESC:** Any ROAR Approved in Blinky mode only
- **Tires:** Yokomo #ZR-S032RC or Jaco #JAC2400
- **Body:** ProtoForm ORT #PRM122721



Salvas Mudboss

- **Chassis:** Traxxas HCG or LCG
- **Minimum Ride Height:** NA - Body / Chassis must not contact Surface (Usually 13mm)
- **Minimum Weight:** No adding of additional weight
- **Motor:** ROAR approved 17.5
- **Gearing:** TRAXXAS 76/83/86/90 Spurs with all transmission parts in place (slipper) - any pinion
- **Battery Voltage:** ROAR Legal 2s - 8.44 (5200mah 50c max.)
- **Battery Temperature:** 90 degrees F
- **ESC:** Any ROAR approved 2s blinky
- **Tires:** Jaco Foam Tires Part #JAC2055 LP
- **Body:** Salvas mudboss only - No modifications 2075
- **Additional Notes:** No modifications or aftermarket parts allowed. Servo: Traxxas or Savox SC-0252MG.
- For the full set of rules see Facebook Page <https://www.facebook.com/SalvasMUDboss>.

Stock Euro Truck

- **Chassis:** Stock
- **Minimum Ride Height:** N/A
- **Minimum Weight:** N/A
- **Motor:** Stock
- **Gearing:** Stock 61T spur and 19T pinion
- **Battery Voltage:** ROAR Legal 2s - 8.44
- **Battery Temperature:** 90 degrees F
- **ESC:** Stock
- **Tires:** Stock
- **Body:** Tamiya brand euro truck
- **Additional Notes:** The only modifications allowed are ball bearings, cooling fan and Tamiya CVA oil filled shocks (must still use the stock kit springs). Aftermarket tires, other brand oil filled shocks, extra weight, etc., are not allowed.



Super Stock Slash

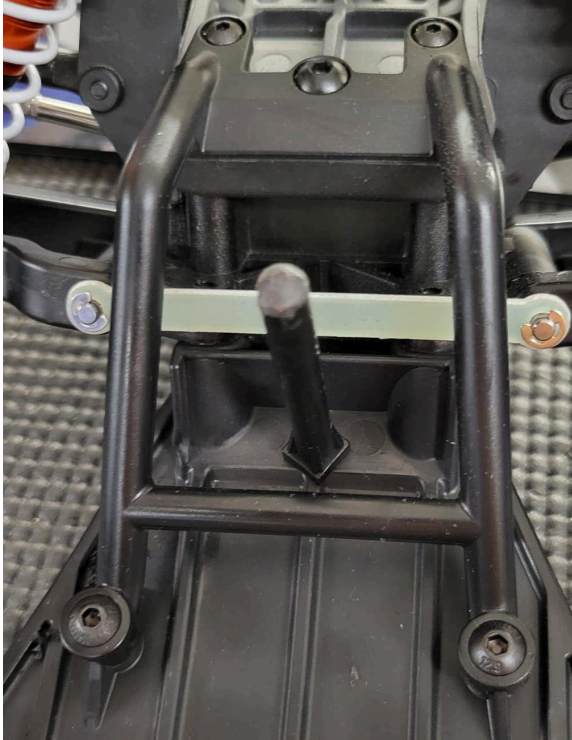
- **Car is based on either the stock Slash SCT or new Modified chassis and suspension, or any combination of either.**
- **Chassis:** HCG or LCG
- **Minimum Ride Height:** 13mm
- **Minimum Weight:** N/A
- **Motor:** Traxxas 12T Titan or BL-2
- **Gearing:** Traxxas Slash spur gears only, any pinion
- **Transmission:** 272 or 272r are allowed
- **Battery Voltage:** ROAR Legal 2s - 8.44
- **Battery Temperature:** 90 degrees F
- **ESC:** Stock or BL-2
- **Tires:** Non-aggressive SCT on-road rubber tires, no foam tires. (Stock Slash tires are not allowed)
- **Body:** Any full fendered body.
- **Additional Notes:** Shocks can be either Traxxas Ultra shocks or GTR shocks. Shock towers can be replaced with aftermarket ones for reliability. No additional weight allowed.

Traxxas Modified (Box Stock)

- **Chassis:** Stock
- **Minimum Ride Height:** 13mm
- **Minimum Weight:** No additional weight allowed
- **Motor:** Stock
- **Gearing:** Stock
- **Battery Voltage:** ROAR Legal 2s - 8.44
- **Battery Temperature:** 90 degrees F
- **ESC:** Stock, battery plug can be changed
- **Tires:** Stock, sidewalls can be glued - (must be street tread or slick to run at Lower Level)
- **Body:** Stock - can ONLY trim away material to avoid wheel rub or surface contact.
- **Additional Notes:** Transmitter and receiver can be changed. Shock oil, limiters and differential oil can be changed. Everything else must remain stock.

Rule addendum (10/27/2024)

Parts #4214, #3934, and #2579 can be used to secure the front of the body. A hole for the body post will be drilled at the dimple in front of the body hood (see pic). A hole to secure the post will be drilled just behind the center rib in the front bumper on the flat spot. (See pic) Post will be cut just above 6th hole from bottom of post to leave 6 holes on post. Round edges of cut post. Install screw from bottom of bumper into post. Secure body with pin. This is due to many bodies coming loose during races.



Vintage Trans Am (VTA)

- See the official VTA site for rules: <https://www.usvintagetransam.com/rules/index.html>
- Note: The Gravity GRC2025 SCALE SPEC 25.5 (30deg fixed timing) motor is the only legal motor for this class.
- The only deviation from the official rules is that a driver figure is not mandatory.





Busch Pancar

Chassis:

- Must run diff-style rear axle.
- Any rear wheel drive pan car chassis. **NO SPOOLS**
- Spur gear must be on right side.
- No idler gear setups.
- Stock pan car motor mounting only.
- Motors must be mounted to run in counter clockwise rotation....
- ((Left Side Drive pods will be Illegal Starting September 15 2024.))

Tires:

Must use WGT Purple or Blue stripe only.

Big carpet events are limited to 3 fronts / 3 rears allowed for racing (marked in tech)(not sets but just 6 tires total for the event) (MORL, Firecracker Classic, etc.).

Current Approved WGT spec tire companies:

- T.M. Racing
- John's BSR Tires Purple/ Blue Stripe
- CRC
- RC4Less
- GQ Racing Products
- Jaco (white rim w/ purple stripe)

Bodies:

Full list with pictures available here : t.ly/bsm4O

For all approved bodies:a spoiler with a maximum height of 1.5" from the deck lid used may be (spoiler optional). Wings of any type may not be used. Rear of body left in (cut to rear bumper cut line). 4 1/4" roof height/ 2 1/2" center of front hood height.

Would like bodies to resemble NASCAR-style paint schemes, with door and roof numbers along with grill and headlights. Can be stickers or Painted

Body scraping is not allowed or any other means for the purpose of lightening.

Gearing:

Must use 48 pitch 81 tooth spur and 21 to 35pinion.

Electronics:

No Receiver packs allowed.

MUST USE BRUSHED ESCS ONLY.



(cont'd)

Motor:

Must use Axial 27 turn brushed motor PN# AXIC24004. Motors cannot be opened from original factory state. You can solder direct. **No fans** allowed on the motor during racing. No 'freezing' motor with the intent of motor to be below ambient temperature at the start of the race. Clip-on heat sinks allowed.

Motors must be mounted to run in counter clockwise direction, and on the right side pod plate.

Battery:

- 2 Cell Shorty packs. 5000mah or below.
- Cost MSRP \$59.99 or below

Weight and Ride Height:

- 36 ounces race ready.
- 4mm ride height.
- Rules may be tweaked and changed as needed.