

Saturday Night USRA Nats Rules Racing & Schedule

Rule Number One:

- All racers must have fun or go home!

Racing:

- If you race you must turn marshal, even if you Do Not Finish
- If for some reason you do not finish the race or drop out for some other reason, you are still responsible for turn marshaling your remaining positions.
- If you are unable to turn marshal you are responsible for finding a substitute turn marshal before you enter.
- Do not yell at the turn marshals
- Do not throw cars
- Do not yank controllers off of the track
- If you are not currently racing on the track your car must be in the impound area or stopped in the starting straight
- Any car not in the impound area when the race resumes without the Director's permission is subject to ejection from the race
- Before returning to the race you must have your car re-teched by the Director

Race Calls:

- "Track" for car off at driver's panel or an unreachable car only. May be initiated by anyone
- "Rider" for car on incorrect lane. May be initiated by anyone
- "Track" for braid up or track damage. May be initiated by anyone.
- Cars will remain on the track or in impound during track repair.
- If you are working on your car you must step away from your station during track repairs.

Standard Weekly Race Format:

- Standard European Double Round Robin Rotation.

- Each driver will complete eight three-minute heats
- One and a half minute intermissions

Whiners:

- Everyone is racing on the same track. The conditions are
- the same for everyone. Please tune your car accordingly.
- Whining is not allowed and whiners are subject to ejection.

Other:

- Your name MUST be somewhere on your car.
- Cars failing to meet the rules at any time during the race will be black flagged.
- Cussing, vulgar language or any other inappropriate behavior will not be tolerated. Remember, this is a family environment.
- If you have a question about something not listed please ask

General Rules for all Classes:

Clearance:

- All cars must tech to a minimum clearance under rear area of car (including gear) up to the axle
- The minimum clearance for the Banked Tracks is .047"
- The minimum clearance for the Flat Tracks is .032"

Rear Spoiler Measurements:

- All rear spoiler measurements done on a non-recessed, flat block, with the exception of "Production".

Width:

- Cars must be no wider than 83mm

Drivers and Interiors:

- All classes must use three-dimensional vacuum formed interiors. no paper, flat, or thingie type interiors allowed.
- Drivers/interiors must be appropriate size and scale for the class.
- Drivers/interiors must be detailed using at least three colors and must be opaque.

Bodies:

- Bodies must be fully painted, including sides of the body.
- May reinforce body with tape and/or Lexan.
- No air control devices allowed.
- No alterations or additions to the manufacturer's dimensions are permitted.
- Body must cover entire chassis when viewed from above.
- All windows must be clear.
- No cutting into the top of fenders is allowed.
- Must have three decal or painted numbers on the car in appropriate positions.
- Chassis or track may not be visible through windows.
- Front wheel wells must be cut out or left clear if the chassis has front wheels/tires.
- In all classes that do not require front wheels (Group 10, LMP, GTP) and if front wheels/tires are not being used, body must have sticker fronts on the body and placed in the correct wheel arch area for body being used. The area behind the sticker fronts may be painted.

Tires & Axles

- No tire size minimums unless other wise noted specifically in class.
- All classes must use 3/32 inch axles.
- No hollow or other lightweight axles may be used.

Chassis Modifications:

- May solder or glue motor, axle oilites, and front wheel retainers.
- May add lead weight and tape to chassis.
- May file holes in motor bracket to allow better gear mesh, but must retain a portion of motor bracket.
- No oilite modifications allowed. May use offset oilites.
- May add spacers between pan and center section.
- May add a 1 inch (25.4 mm) long motor brace and a maximum of two upright braces (one for each upright).
- The original manufacturer's plating may be removed only in areas to be soldered.
- May add pin tubes. Pin tubes may be either solid or floating. May add lead wire retainer.
- May change stock bite bar diameter supplied by the MFG to a bar with a .062 maximum and .039 minimum diameter. The bar must be steel, straight, round, no bends, no flats and does not deviate from stock.
- May solder on steel guide tongue reinforcement but the original tongue may not be removed, modified, or moved.
- No other modifications, soldering, cutting grinding or bracing allowed.
- May perform reasonable filing of rear oilite chassis holes to allow for axle alignment.
- On the Mossetti chassis you must use either .062" diameter brass tube or the M-1052 .064" stainless tube only. Mossetti # 1051 wire is allowed to be used. Cannot be modified or have its shape changed from production wire size or bends. Can only be used to replace the straight pins used in the brass or stainless tube.
- The JK C43 when changing out the "J bars" you can use any bar that is has a diameter larger than .039. You can NOT use the .030 and .034 bars.

**** Please note: Group 10, 4.5" NASCAR, GTP and Production will run with built motors at Nats.****

Group 10 (4" NASCAR)

Chassis:

- Any USRA approved stamped steel chassis (Current JK, Mossetti or RM Products)

Motors:

- ProSlot PS-2002, sealed 16D motors only. Seal must be intact. You may change brushes, springs and align endbell hardware. No other changes allowed.

Gears:

- Any gear ratio allowed. Only 64 and 72 pitch gears allowed.

Bodies:

- Only the **JK 70525 (Toyota)** is allowed.
- Max spoiler height 1 1/2".
- Minimum front bumper 1/8".
- Minimum rear bumper 1/8".

4.5" NASCAR

Chassis:

- Any USRA approved stamped steel chassis (Current JK, Mossetti or RM Products)

Motors:

- ProSlot PS-2002, sealed 16D motors only. Seal must be intact. You may change brushes, springs and align endbell hardware. No other changes allowed.

Gears:

- Any gear ratio allowed. Only 64 and 72 pitch gears allowed.

Axles and Tires:

- Minimum front axle diameter is 3/32".
- Minimum front tire size is .675" diameter X .400" width.
- Minimum rear tire diameter is .790".
- May add nail polish to front tires.
- One-piece front axles only.
- Front wheels must rotate.

Bodies:

Allowed bodies:

JK Products	73179 73181
Parma	1082 Monte Carlo 1055 '09 COT stock car body
Red Fox	RFSC39C Fusion

- Max spoiler height 1 5/8".
- Minimum front bumper 1/4".
- Minimum rear bumper 1/4".
- Front wheel wells must be cut out.

LMP

Chassis:

- Any USRA approved stamped steel chassis (Current JK, Mossetti or RM Products)

Motors:

- ProSlot PS-4002FK. Seal must be intact. You may change brushes, springs and align endbell hardware. No other changes allowed.

Gears:

- Any gear ratio allowed. Only 64 and 72 pitch gears allowed.

Bodies:

Allowed bodies:

JK Products	JKP7182 Audi RSC JKP7183 Mercedes CLR JKP7184 BMW
Parma	1048 Dome 1083U 1/24 MG EX 257
Red Fox	RFSC102C Nissan RFSC101C Ferrari Concept RFSC99C Peugeot 908 RFSC100C Audi R18

- Must have a vertical surface in front.
- Maximum rear spoiler height 1 5/8".

GTP

Chassis:

- Any USRA approved stamped steel chassis (Current JK, Mossetti or RM Products)

Motors:

- ProSlot PS-4002FK. Seal must be intact. You may change brushes, springs and align endbell hardware. No other changes allowed.

Gears:

- Any gear ratio allowed. Only 64 and 72 pitch gears allowed.

Bodies:

Allowed bodies:

JK Products	70141 Peugeot GTP 70701 Ultimate Peugeot
HighSpeed	HSP2015/2017 Rouge
Parma	70526 Caddy HD 70516 Storm
Red Fox	RFSC44W JR Long Rib RFSC44 JR Short Rib RFSC41LC FighterHD /Long RFSC41SC Fighter HD / Short

- Must have a vertical surface in front.
- Maximum rear spoiler height 1 5/8".

PRODUCTION

Chassis:

- JK C26/43 only.

Motors:

- JK Hawk 7 (JK70307)

Gears:



- Any gear ratio allowed. Only 64 and 72 pitch gears allowed.

Bodies:

- RedFox Audi RS5 (**RFAudiPROD19**)
- Rear spoiler height maximum 35mm.
- Front bumper minimum 1mm.
- Maximum height from block to bottom of rear bumper 12.7mm. (Checked on a recessed block)

December

2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7 NorCal SCRA(Fast Track) 
8	9	10	11	12	13	14 Weekly Race Group 10 – (Angel) 4.5" NASCAR – (Angel)
15	16	17	18	19	20	21 Weekly Race LMP – (Angel) Grp 10 – (Angel)
22	23	24 Closing at 5:00 PM	25 Closed 	26	27	28 Christmas/New Year's Party GTP – (Angel) Production – (Dragon)
29	30	31				

January

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Open at Noon Happy New Year!	2	3	4 Weekly Race 4.5" NASCAR – (Angel) LMP – (Angel)
5	6	7	8	9	10	11 Weekly Race GTP – (Angel) Group 10 – (Angel)
12	13	14	15	16	17	18 Weekly Race Production – (Dragon) 4.5" NASCAR – (Angel)
19	20	21	22	23	24 Nats Warm-up Race Open Practice	25 Nats Warm-up Race GTP – (Angel) GT-12 – (Angel)
26 Nats Warm-up Race Production – (Dragon) GT-12 (Dragon)	27	28	29	30	31	

February

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 No Race (NorCal Lakeport)
2	3	4	5	6	7	8 Weekly Race LMP – (Angel) GTP – (Angel)
9	10	11	12	13	14	15 Weekly Race Group 10 – (Angel) Production – (Dragon)
16	17	18	19	20	21 Flexi Fest West LMP – (Angel)	22 Flexi Fest West GT-1 – (Dragon)
23	24	25	26	27	28	29 Weekly Race Group 10 – (Angel) 4.5" NASCAR – (Angel)

March

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7 No Race – (NorCal MoTown)
8	9	10	11	12	13	14 Weekly Race Production – (Dragon) 4.5" NASCAR – (Angel)
15	16	17	18	19	20	21 Weekly Race Group 10 – (Angel) GTP – (Angel)
22	23	24	25	26	27	28 Weekly Race 4.5" NASCAR – (Angel) GTP – (Angel)
29	30	31				

April

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 NorCal SCRA(Fast Track) 
5	6	7	8	9	10	11 Weekly Race GTP – (Angel) Group 10 – (Angel)
12	13	14	15	16	17	18 Weekly Race 4.5" NASCAR – (Angel) LMP – (Angel)
19	20	21	22	23	24	25
		2020 USRA Nats JRL – Dragon Production - Dragon	2020 USRA Nats GT-12 – Angel GT-12 - Dragon	2020 USRA Nats GTP – Angel 1/32 Euro - Dragon	2020 USRA Nats LMP – Angel 1/32 F1 – Dragon	2020 USRA Nats Group 10 – Angel 4.5" NASCAR- Angel
26	27	28	29	30		
2020 USRA Nats Kids LMP – Angel 1/24 Euro - Dragon					Times Classes Run: Group 10 – 7 Times 4.5" NASCAR – 7 Times	LMP – 5 Times GTP – 5 Times Production – 4 Times