

# RACER SIDEWAYS DP 2013 NORTH AMERICA FINALS RULES

## NOTES:

07/27/12 Official Release

12/19/12 Tire and car part no. update

02/22/13 N. America Championship Event Date Postponed

03/09/13 N. America Championship Event Date Rescheduled

## DATE/TIME:

National Event: **Sunday, 4/28/2013**

Regional Events: Click the "2012/2013 Sanctioned Remote Events" menu option at GTSLOTS.COM

Any shops, clubs or slot car organizations interested in holding a regional event contact Robert Holt by phone (908-397-7886) or e-mail (holtr371@yahoo.com)

## ELIGIBLE CARS:

Only Racer Sideways DP brand cars are allowed. Part no. SWK01, SW01, SW01b, SW02, SW03, SW04, SW05, SW06, SW07, SW08, SW09, SW10, SW11, SW12, SW15 and as new cars are introduced they will become eligible. See picture below for eligible car examples:



**ELIGIBLE DRIVERS:** Drivers must qualify at a GTSLOTS sanctioned regional event, or have won another GTSLOTS championship final within the past 5 years.

**ENTRY FEE:** To be confirmed race day, includes refreshments and cost of handout tires

## GENERAL:

Any Racer Sideways or Slot.it part can be used with any exceptions noted below, see "CHASSIS" and "MOTOR" sections for examples. If the rules stated on this page do not indicate a part or tuning method IS allowed, it is NOT allowed. Any variations to these rules must be approved in advance by GTSLOTS. All rules are subject to change.

## **THE BODY:**

Bodies may not be modified, lightened, or cut in any way - including wheel wells, body posts, interiors, etc. EXCEPTIONS: Sharp edges and burrs may be trimmed or sanded slightly to permit clearance for the proper seating of the body onto the chassis and to allow for body float; and as Racer has produced a car without the side panels on the rear spoiler (Riley body only), they may be removed altogether at the spoiler, or trimmed slightly along the bottom for clearance on the banking. All cars must start each race with all parts intact except for mirrors, wipers, antennas, small metal detail parts, and side trim spoilers (Dallara body only). All cars must start with both the rear spoiler and wing in place. Bodies can be custom painted, but all cars must have numbers as is prototypical and look like race cars. Bodies must be attached by any and all screws locations provided by the factory, using Racer or Slot.it screws (w/washer under screw head as supplied with some cars is allowed) only, and shims are permitted on the rear body post to adjust body/spur gear clearance. If body screws are run loose, tape must be placed over holes in bottom of chassis. All cars must use the complete and unmodified interior w/driver figure, only Racer Sideways interiors (original or lexan) FOR THE SPECIFIC MODEL CAR BEING RACED is allowed. NO Slot.it interiors are allowed. All windows must remain transparent.

## **CHASSIS:**

Racer Sideways chassis only, w/Slot.it can or endbell type standard or any offset sidewinder motor pods only (NO inline or anglewinder pods). NO TRACTION MAGNETS. Slot.it magnetic and spring suspensions are allowed, with any Slot.it magnet or spring intended for their suspension. Spacers between motor pod and chassis and/or the H chassis stiffener (must be in place) screw locations to adjust chassis tweak are allowed. Sanding edges of motor pods and chassis for float is legal. NO modifications to axle mounts front or rear are permitted. Front axle ride height adjusting blocks must be in place if included in original model. Axle shims and/or stoppers are allowed.

## **AXLES\BUSHINGS\WHEELS\TIRES:**

Only Racer Sideways or Slot.it axles and bushings are allowed. Racer Sideways or Slot.it (plastic, aluminum, or magnesium) (standard or short hub) wheels must be used. Front wheels 16.5mm x 8.2mm only. Rear wheels 17.3mm x 8.2mm or 17.3mm x 10mm only. The correct inserts for the Racer Sideways cars must be used, therefore if using Slot.it wheels, you must fit the complete (ring and wheel spoke assembly) Racer Sideways DP inserts into them. Wheel insert assemblies may be painted. All cars must start each race with all 4 wheel rings in place. All rear tires to be supplied by race host (Regional) or GTSLOTS (Regional and National) on race day.

Approved rear tires are: Slot.it SIPT03, SIPT06, SIPT17, SIPT18, SIPT1167S2. Slot.it Zero grips or stock Racer tires can be used on the front. Rear tires may extend past body by no more than 1mm. No chemicals may be used on the tires. Tires are subject to change at the Nationals and due to availability some tire sizes may not be available. Regional hosts can determine tires to be used for their regional race.

## **GEARING:**

ONLY a 12t 6.5mm Slot.It sidewinder pinion gear is to be used on the motor. Driver may use any available Slot.It 18mm or 19mm sidewinder spur gear as required to fit the sidewinder pod used. Driver may apply grease to the gears.

## **GUIDE BLADES/BRAID/ELECTRICAL:**

Any Slot.it or Racer guide blade is allowed. Any manufacture braid and wire can be used and must be attached to the guide/braid through the use of Slot.it eyelets or the Slot.it M2 grub screw method and may not be glued or soldered.

## **MOTOR:**

### Regional Events (2 options available):

Option 1 Handout motors provided by GTSLOTS (Slot.it orange endbell short can rated 21.5k @12volts) to the race host prior to the race date. Motors will be pre-tested (a report form will be supplied including motor test data), will be supplied with the shafts pre-trimmed to properly fit in all cars, pre-lubricated with pinions (Slot.It 12 tooth 6.5mm) already installed (and properly adjusted), and must be used as supplied. Both endbell and can drive motor configurations can be supplied, however approximate quantities required must be requested in advance. Any noise reduction devices installed on the motors must remain as supplied and pinions are not to be moved on the motor shafts. No additional cutting of motor shafts is allowed. Racers/Tech Inspectors will be responsible for the proper soldering of the lead wires to the motor tabs without overheating the tabs and causing damage to the motor. Motors must be returned and received by GTSLOTS in good working condition no later than the Wednesday of the week following the conclusion of the race event along with the completed motor status and race results report forms. No chemicals (example: Voo Doo drops, etc.) shall be added to the motors. For the sole purpose to hold the motor in place, motors may ONLY be attached in place in the motor pod either using Slot.it motor screws w/washers through the appropriate screw holes provided in the motor pod and into the pre-threaded holes in the can end of the motor or using a single piece of tape supplied by the race host. Holes may be cut out of the tape to allow for cooling over the motor vent holes.

Option 2 Motors provided by the race host or racers themselves using Slot.it 12 tooth 6.5mm pinions only. The motors of the top 5 finishers must be tested at the conclusion on the event to confirm legality with the results provided to GTSLOTS along with the event race results. (NOTE: Contact GTSLOT technical contacts shown below for additional information on the testing of motors.)

### Nationals:

Only the provided handout (Slot.It orange endbell short can rated 21.5k @12volts) motor is legal for the National event and will be supplied by GTSLOTS. Motors will be pre-tested, will be supplied with the shafts pre-trimmed to properly fit in all cars, pre-lubricated with pinions (Slot.It 12 tooth 6.5mm) already installed (and properly adjusted), and must be used as supplied. Both endbell and can drive motor configurations will be available. Any noise reduction devices installed on the motors must remain as supplied and pinions are not to be moved on the motor shafts. No additional cutting of motor shafts is allowed. Racers/Tech Inspectors will be responsible for the soldering of the lead wires to the motor tabs without overheating the tabs and causing damage to the motor. Motors must be returned to GTSLOTS at the end of the event. No chemicals (example: Voo Doo drops, etc.) shall be added to the motors. For the sole purpose to hold the motor in place, motors may ONLY be attached in place in the motor pod either using Slot.it motor screws w/washers through the appropriate screw holes provided in the motor pod and into the pre-threaded holes in the can end of the motor or using a single piece of tape supplied by GTSLOTS. Holes may be cut out of the tape to allow for cooling over the motor vent holes.

## **WEIGHT:**

Weight may be added to the inside of the chassis. NO weight may be attached to the underside of the chassis.

**LIGHTING (Optional):**

May be added, if used must be Slot.it brand only.

**TRACK VOLTAGE:**

Suggested 12 volts (Note: track power will be set at 12 volts for the N. America finals and the GTSLOTS regional races)

**RACE PROCEDURES:** (as to be used at the N. America finals and GTSLOTS regional events):

- All participating race cars will be inspected to ensure rule compliance. A few test laps (the number to be determined by the race organizer) will be allowed prior to the final inspection.
- It is the responsibility of each participant to make sure that the front spoiler, chassis, and spur gear of their car has sufficient clearance to the track and pickup rail surface so as not to rub under race conditions and will be inspected for such clearance.
- Cars will be impounded after the inspection process and drivers cannot touch their cars unless done under green flag race conditions under the observation of a race official.
- Any controller is permitted, provided that the controller does not store an electrical charge.
- The race director for the event (the race organizer holding the event) will have the final determination if any questions or conflicts arise.
- For any clarification of the race procedures being used at the National Championship please contact:  
Robert Holt by phone (908-397-7886) or e-mail (holtr371@yahoo.com)  
Bob Kuss by phone (610-996-0595) or e-mail (lotus74s6@verizon.net)