

GTSLOTS 2018 Sideways Lamborghini Huracan Championship Rules

RELEASE NOTES:

10/02/18 – Official Release

10/14/18 – Allowed modification of Sideways GT pod; allowed use of Slot.IT anglewinder pods and Slot.IT anglewinder cluster gears

DATE/TIME:

Championship Event: Saturday, December 1, 2018

Regional Events: 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 DRIVERS:

The top 4 finishers in each GTSLOTS 2018 Sideways Lamborghini Huracan regional event held across N. America not previously qualified are eligible to compete in Championship race. All drivers that qualify and plan on attending the "Championship Finals Event" should take note that the following rules will be utilized and enforced. Modifications to these rules for "Regional Events" such as the use of different tires or other specific parts and/or rules are permitted only with advance notification given by the race director for the event.

ELIGIBLE CARS:

Only the Sideways Lamborghini Huracan GT3 car models (example livery pictured below) are permitted. Kits must be complete with all parts that are supplied with the kit, excepting those changes permitted below. As they are introduced, newly released liveries will be reviewed for eligibility.



GENERAL:

Any Sideways Lamborghini Huracan GT3 part can be used with any exceptions noted below, see "CHASSIS" and "MOTOR" sections for examples. Any modifications or parts not specifically addressed in the series rules or are not listed in the approved cars/parts list are not legal and will not be permitted. If the rules stated on this page do not indicate a part or tuning method IS allowed, it is NOT allowed. Any modifications that are made and/or tuning techniques used are made at the racer's own risk. 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. All cars must start each race with all parts intact except for mirrors, wipers, and antennas. All cars must start with all wings and/or spoiler(s) in place as applicable if it came on the original model. Bodies and interiors can be custom painted, but all cars must have numbers and markings as is prototypical and look like race cars. Bodies must be attached by any and all screws locations provided by the factory, using free choice of screws and washers, where applicable. Shims are permitted to adjust chassis/body/spur gear/tire tweak and clearance. If body screws are run loose, tape must be placed over the screw holes in bottom of the chassis. All cars must use the complete and unmodified interior w/driver figure as supplied with the car, or the replacement Sideways lexan interior FOR THE SPECIFIC MODEL CAR BEING RACED. NO other manufacture's interiors are allowed. All windows must remain transparent as is prototypical.

CHASSIS:

NO TRACTION MAGNETS. Any compound Sideways Lamborghini Huracan stock and/or direct replacement chassis permitted. Any Sideways motor pod designed to fit the Lamborghini Huracan chassis allowed. Any Slot.IT angle-winder pod allowed. NOTE: at the Finals, the highest finishing racer using a Sideways pod and Sideways cluster gear will win a limited edition Sideways car. Motor pod must be attached by any and all screws locations provided by the factory, any manufacturer's screws may be used, and shims are permitted to adjust chassis/pod tweak. Slight sanding of the edges of the chassis, including sharp edges, burrs, and interference points are permitted only to allow for the necessary clearance for the proper seating of the body on to the chassis and to allow for body float. Slight sanding of the edges of the pod to allow for float and clearance to the body, chassis, and motor. No more than .010" of material should be removed where applicable from chassis or pod. If a standard credit card can be passed in the gap between the body and the chassis, or between the pod and chassis, the sanding has exceeded tolerance and the car may fail inspection. Modifications to front or rear axle mounts is prohibited.

AXLES\BUSHINGS\WHEELS\TIRES:

Any 3/32" axles are permitted. Any Sideways bushings may be used on rear axle. Bushings may be glued in place and must be in their stock position. Front axle ride height adjusting set screws (upper and lower) may be used and adjusted as required. Axle shims and/or stoppers are allowed.

Only Sideways 17.25 x 8.30 mm plastic, aluminum, or magnesium wheels utilizing stock Sideways front type tires are permitted on the front of the car. Only Sideways 17.30 by 10 mm aluminum or magnesium wheels are permitted on the rear of the car. Stock plastic wheels may be lightly sanded for the purposes of truing. Wheels may be painted. Glue may be used to repair loose or attach plastic wheels. Front tires may be both glued and trued; no chemicals can be added to the front tires. Sideways wheel inserts are required, can be secured by glue, and must be of the type intended for the Lamborghini Huracan.

Approved rear tires:

"Quick Slicks" #CB57, #CB58, or #CB59 silicon tires (Note: the minimum diameter of the rear wheel/tire combination may not be smaller than .790"). All rear tires to be supplied by race host (Regional) or GTSLOTS (Regional and Finals) on race day unless otherwise noted. Wheels and tires should fit within wheel wells when possible but may not exceed past the body at the wheel well arch by more than .020" (0.5mm) at any wheel. No chemicals may be used on the tires. Regional hosts can determine tires to be used for their regional race. (Note: "hand out" rear tire selection subject to change due to product availability.)

GEARING:

Any anglewinder pinion gear is permitted. Any Sideways or Slot.IT anglewinder cluster gear is permitted.

NOTE: at the Finals, the highest finishing racer using a Sideways pod and Sideways cluster gear will win a limited edition Sideways car. Driver may apply grease to the gears.

GUIDE BLADES/BRAID/ELECTRICAL:

Any Sideways guide may be used with a minimum amount of removal of sharp edges and burrs to allow for proper operation. Shims will be permitted to locate the guide at the proper depth in the track slot.

Any manufactures’ braid and lead wire may be used and must be attached to the guide blade through the use of any manufactures’ eyelets or the M2 grub screw method. (Note: the lead wires may be soldered directly to the eyelets only and may not be glued or soldered to the braid).

CAR SPECIFIC ALLOWED MODIFICATIONS:

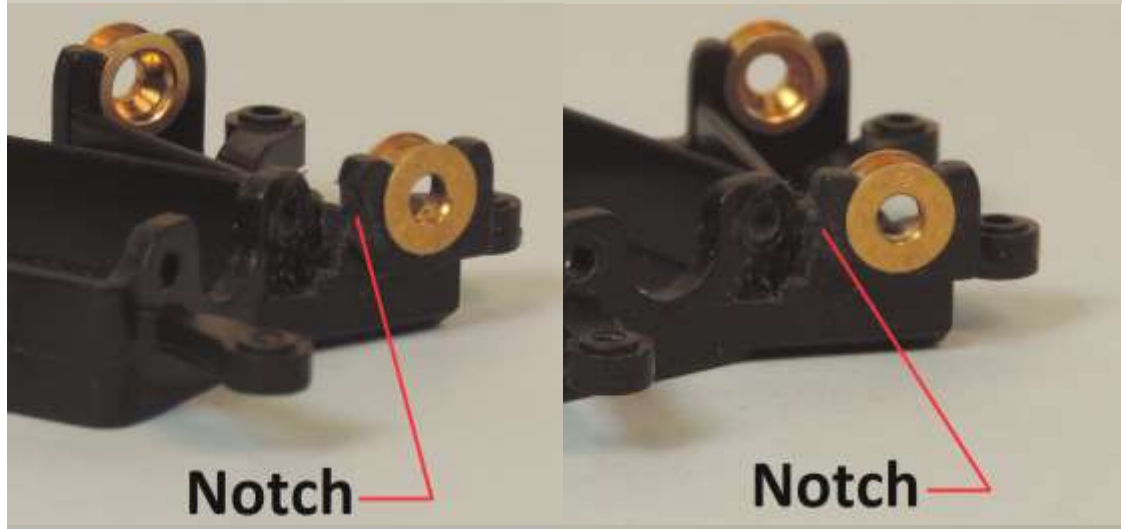
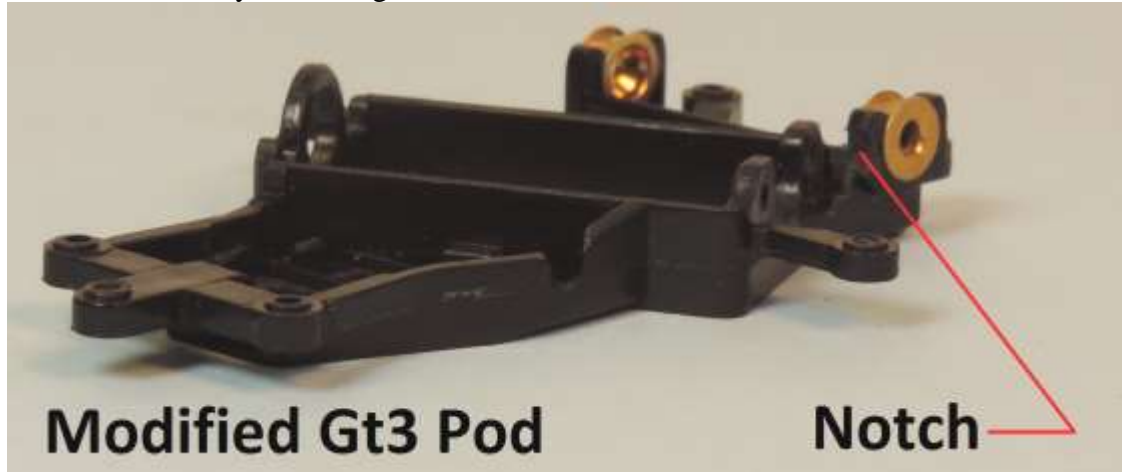
In order to foster competition and create parity between the different models of Slot.IT Group C cars, the following approved modifications are being permitted on a car by car basis (Note: all modifications should be made in a clean and professional manner and not deter from the proper “look” of the car). Any such modifications are made at the racer’s own risk:

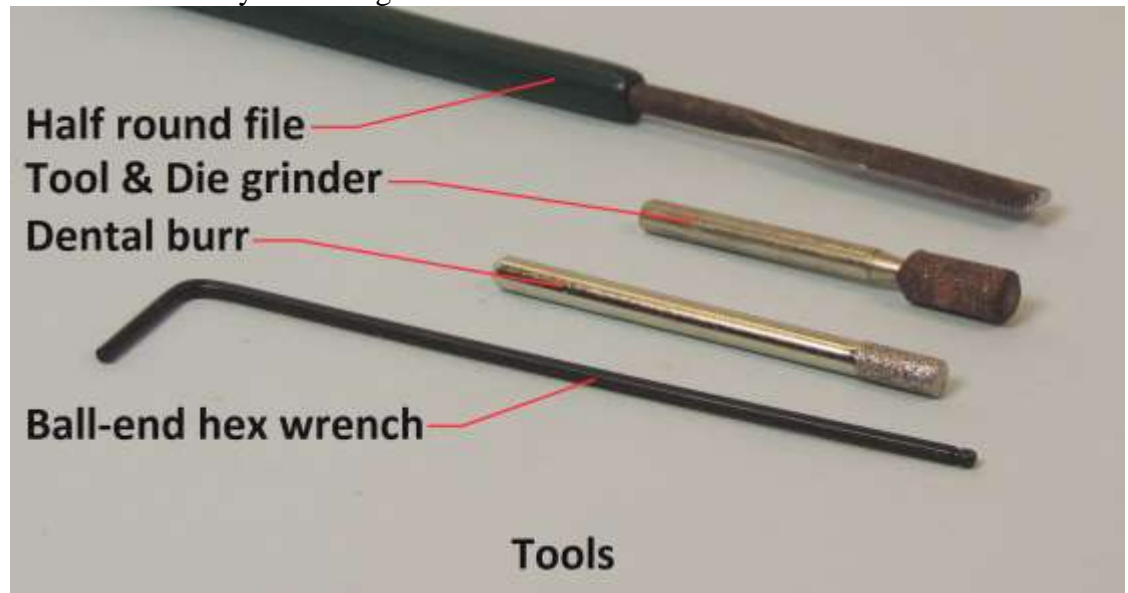
General (all cars):

- Motor Pods:

- **Sideways GT3 Pod** – An issue has been identified with the rear motor mounting screw interfering with the rear axle bearing mount on installation and removal of the motor from the pod resulting in the bearing mount breaking. The pod may be modified by the creation of a clearance “notch” in the area of the rear axle bearing mount to allow for the easy access and removal of the affected screw using a half-round file, a dental burr, and/or equivalent tools. It should be noted that the modification should be done carefully, cleanly so as not to create a breakage point, and only with the removal of minimal material so as to not weaken the bearing mount. The axle bushing should be glued in place so as to strengthen the area of the modification. The Sideways M2 x 3mm “Motor Fixing Screw” #SWMS/06 provided with the car should be retained and used at the rear motor mounting location as it is shorter than most motor mounting screws and will be easier to use at this location. A “ball-end” hex (allen) wrench will also assist with easier access to the installation/removal of the screw. It is also permitted to slightly open the motor screw locations to aid in the installation of the motor screws. See pictures below:







No additional required at this time

MOTORS:

Regional Events:

Motors provided by the race host or racers themselves (SCC “Jaws” long can (FK-180) – rated 17.5k @12volts) using the appropriate pinion gear. It is suggested that the motors of the top 5 finishers be tested at the conclusion of the event to confirm legality with the results (if tested) provided to GTSLOTS along with the event race results. (NOTE: Contact GTSLOTS technical contacts shown below for additional information on the testing of motors.)

Finals:

Only the provided handout (SCC “Jaws” long can (FK-180) – rated 17.5k @12volts) motor is legal for the Finals event and will be supplied by GTSLOTS. Motors will be pre-tested and marked with an ID code; racers will provide their own anglewinder pinion gears and 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. 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 or chassis by using any manufacturer motor retaining screws. Racers would receive their handout motor at a predetermined time at the event, have the opportunity to test/practice with the handout motor before the start of competition, the option to purchase a replacement motor prior to the start of competition, and keep the motor(s) at the conclusion of the event.

WEIGHT:

Weight may be added to the inside of the chassis if desired and must be either lead or Slot.IT tungsten ballast. Added weight may not be utilized to alter or limit the function or movement of the front or rear axle assemblies. NO weight may be attached to the underside of the chassis.

LIGHTING (Optional):

Not required.

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.
- Loose parts, wheel inserts, etc. may be attached and/or repaired using any type of available glue.
- 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.
- Drivers and/or their authorized representatives may repair broken or damaged cars (IE: damaged braids, broken wires, loose gears and/or wheels, lose or missing screws, etc.) during “green flag” conditions, only under the view of a race official assigned by the race director, repairs must be properly performed to meet all posted rules, and parts may not be torn or broken off the car where screws are used to retain the parts (IE: the front spoiler, etc.) to perform the repair.
- For any clarification of the race procedures being used at the National Championship Finals 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)