Official Release – Racer Sideways 2019 Gp. 5 National Rules – ver 1.0 - 02/21/19

# RACER SIDEWAYS 2019 "GROUP 5" NORTH AMERICA NATIONAL RULES

#### **NOTES:**

02/21/19 – Official Release

#### DATE/TIME:

National Event: TBD Regional Events: Click on the "Recent/Current Sanctioned Remote Events" menu option on top of this page.

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 Racer Sideways 2019 "Group 5" regional event held across N. America not previously qualified are eligible to complete in the N. America Championship race. All drivers that qualify and plan on attending the "National 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 or rules are permitted with advanced notification given by the race director for the event. (*Click here for a listing of the drivers who have qualified for the Racer Sideways 2019 "Group 5" National Championship to date.*)

#### **ELIGIBLE CARS:**

Only the following Racer Sideways Group 5 brand cars are permitted – BMW 320, BMW M1, Ferrari 512 BB LM Silhouette, Ford Capri Zakspeed, Ford Mustang, Lancia Beta MonteCarlo, Lancia Stratos Group 5, Porsche 935 (all variations - Moby Dick, /K2, /K3, /77, /78, /78-81). GTSLOTS Limited Edition Gp. 5 Championship cars, similar white body kits, and as new cars are introduced they will be reviewed and added to the approved list if eligible. Kits must be complete with all the parts that come in the kit, excepting those changes allowed below. See picture below for eligible car examples:



#### **GENERAL:**

Any modifications or parts not specifically addressed in the series rules or are not listed in the approved 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 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 may be custom painted, but all cars must have proper numbers and markings as is prototypical and look like race cars of the era represented. Bodies must be attached by any and all screws locations provided by the factory, using any manufacture's screws (w/washer under screw head as supplied with some cars is allowed), and 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 Slot.it interiors are allowed. All windows must remain transparent as is prototypical.

## **CHASSIS/PODS:**

Racer Sideways Gp. 5 chassis only, w/Racer Sideways (Group 5 type for Flat 6 and FK-180 type motors and/or GT3 Type for FK-180 type motor) or Slot.it anglewinder type motor pods only (NO inline or sidewinder pods). (Note: Sideways GT3 type pod may be modified for rear motor screw removal issue.) Slot.it EVO6 motor pods may have their unused side mounting tabs removed to match the equivalent non-EVO6 type pod. NO TRACTION MAGNETS. Any of the Sideways rear axle height adjustment parts and/or the pod front 2-point mount adapter may be used (single mount point tab must remain in place if permanently attached to the pod). The chassis filler pieces may be removed to fit a Slot.it pod and are not required. 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 screw locations to adjust chassis tweak are allowed. Sanding edges of motor pods, rear axle height adjustment parts, and chassis for fit and float is legal. No more than .010" of material should be removed. If a standard credit card can be passed in the gap between the body and chassis, the sanding has exceeded tolerance and the car may fail inspection. NO other modifications to axle mounts front or rear are permitted. Front axle ride height adjusting set screws (upper and lower) may be used and adjusted as required using any manufacture's set screws. Axle shims and/or stoppers are allowed.

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

Only Racer Sideways or Slot.it axles and bushings are allowed. Only Racer Sideways or Slot.it (plastic, aluminum, or magnesium) (standard or short hub) wheels may be used. Front wheels -15.8mm x 8.2mm only. Rear wheels -17.3mm x 8.2/9.75/10mm only. The correct and appropriate inserts for the Sideways GP. 5 cars being raced must be used, therefore if using Slot.it wheels, you must fit the complete (ring and/or wheel spoke assembly) Sideways Gp. 5 inserts into them. Wheel insert assemblies may be painted. All cars must start each race with all wheel rings and inserts in place (as appropriate for the car model being raced). All rear tires to be supplied by race host (Regional) or GTSLOTS (Regional and National) on race day unless otherwise noted.

#### Approved tires are:

"Quick Slicks" tire(s) #CB32 (.799"x.360"), #CB33 (.819"x.360"), #CB34 (.835"x.360"), #CB57 (.789"x.406"), #CB58 (.809"x.406"), or #CB59 (.829"x.406"). Slot.it Zero grips or stock Racer Sideways tires may be used on the front. Rear tires may extend past body by no more than .5mm (.020"). No chemicals may

Official Release – Racer Sideways 2019 Gp. 5 National Rules – ver 1.0 - 02/21/19 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**:

Any available Racer Sideways or Slot.it 6.5mm or 6.75mm sidewinder pinion (11/12/13 tooth) gear may be used on the motor, and any available Sideways or Slot.it 16mm metal (GA16xx-e) or plastic (GA16xx-pl) anglewinder (26/27/28/29/20/31 tooth) anglewinder spur gear may be used as required to fit the anglewinder pod used. Driver may apply grease to the gears.

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

Any Sideways or Slot.it guide blade is allowed and shimming is permitted. Any manufacture braid and lead wire may be used and must be attached to the guide/braid through the use of any manufactures eyelets or the Slot.it 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 the Racer Sideways "Group 5" 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): none required at this time

BMW 320 – Type 1: none required at this time

BMW 320 – Type 2: none required at this time

BMW 320 – Type 3: none required at this time

BMW M1 (Sauber): none required at this time

BMW M1 (Schnitzer): none required at this time

Ferrari 512 BB LM Silhouette: none required at this time

Ford Capri Zakspeed: none required at this time

Ford Mustang: none required at this time

Lancia Beta MonteCarlo: none required at this time

Lancia Stratos Group 5: none required at this time

Porsche 935 Moby Dick: none required at this time

Porsche 935/K2: none required at this time

Porsche 935/K3: none required at this time

**Porsche 935/77:** none required at this time

Porsche 935/78-81: none required at this time

#### **MOTOR:**

#### General:

Approved motors: Slot.it yellow Flat-6 20K (all versions), Jaws 17.5k, or the Sideways Baby Raptor 17k provided by the racers themselves will be permitted for use at the Regional and National events. Slot.it and Sideways motors must have their original factory wrapper (yellow plastic or foil) in place on at least the top and sides of the motor and all motors may be wrapped in clear plastic tape to assist in protecting and supporting the factory wrapper and preventing an electrical short to the track. The area(s) of tape covering the existing slot(s) in the can may be opened to permit cooling. 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 (Sideways GT or Slot.it) pod and into the pre-threaded holes in the "can" end of the motor, using the Sideways pod clamping system, a single piece of tape, and/or removable glue supplied by the racer. Holes may be cut out of the tape to allow for cooling over the existing motor vent holes.

## Regional Events:

Motors provided by the racers themselves (see above list) using the appropriate Sideways or Slot.it pinion. 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.) Nationals:

Motors provided by the racers themselves (see above list) using the appropriate Sideways or Slot.it pinion. All motors will be tested for RPM as part of the tech inspection process with a maximum not to exceed (17k) /(17.5k) /(20k) RPM based upon motor type used. (Note: spec will be provided and adjusted accordingly as motors are tested at the event.)

# WEIGHT:

Weight may be added to the inside of the chassis. Added weight may not be utilized to alter the function or movement of the front or rear axles. 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.

- 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.

Official Release – Racer Sideways 2019 Gp. 5 National Rules – ver 1.0 – 02/21/19

- 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 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 (<u>lotus74s6@verizon.net</u>) Official Release – Racer Sideways 2019 Gp. 5 National Rules – ver 1.0 - 02/21/19

# RACER SIDEWAYS 2019 "GROUP 5" Approved Parts List:

Racer Sideways Parts Lists:

Approved Cars: BMW M1 Sauber BMW M1 Schnitzer BMW 320 (Type 1) BMW 320 (Type 2) BMW 320 (Type 3) Ferrari 512 BB LM Silhouette Ford Capri Zakspeed Ford Mustang Lancia Beta MonteCarlo Lancia Stratos Porsche 935 Moby Dick Porsche 935/K2 Porsche 935/K3 Porsche 935/77 Porsche 935/78 Porsche 935/78-81 Approved Body Parts: BMW 320: #SW320/B - BMW 320 bodyparts #SW320/C1 - BMW 320 rear wing - version 1 #SW320/C2 - BMW 320 rear wing - version 2 #SW320/C3 - BMW 320 rear wing - version 3 #SW320/D - BMW 320 clear parts #SW320/E - BMW 320 lexan interior BMW M1: #SWSA/B – BMW M1 Sauber plastic detail bodyparts #SWSA/C - BMW M1 Sauber rear wing #SWSA/D – BMW M1 Sauber transparent parts #SWSC/B - BMW M1 Schnitzer plastic detail bodyparts #SWSC/C – BMW M1 Schnitzer rear wing #SWSC/D – BMW M1 Schnitzer transparent parts #SWSC/E - BMW M1 lexan interior #SWSC/F – BMW M1 lexan window Ferrari 512 BB LM Silhouette: #SWBB/B - Ferrari 512 BB LM Silhouette plastic detail bodyparts #SWBB/C - Ferrari 512 BB LM Silhouette rear wing #SWBB/D – Ferrari 512 BB LM Silhouette transparent parts #SWBB/E - Ferrari 512 BB LM Silhouette lexan interior #SWBB/F - Ferrari 512 BB LM Silhouette lexan window Ford Capri Zakspeed: #SWCZ/B - Ford Capri Zakspeed plastic detail bodyparts #SWCZ/C – Ford Capri Zakspeed rear wing #SWCZ/D – Ford Capri Zakspeed transparent parts

Official Release – Racer Sideways 2019 Gp. 5 National Rules – ver 1.0 – 02/21/19

#SWCZ/E – Ford Capri Zakspeed lexan interior

#SWCZ/F – Ford Capri Zakspeed lexan window

Ford Mustang:

#SWFM/B – Ford Mustang plastic detail bodyparts

#SWFM/C - Ford Mustang rear wing

#SWFM/D – Ford Mustang transparent parts

#SWFM/E – Ford Mustang lexan interior

Lancia Beta MonteCarlo:

#SWBM/B – Lancia Beta MonteCarlo plastic detail bodyparts

#SWBM/C – Lancia Beta MonteCarlo rear wing

#SWBM/D - Lancia Beta MonteCarlo transparent parts

#SWBM/E – Lancia Beta MonteCarlo lexan interior

#SWBM/F - Lancia Beta MonteCarlo lexan window

#SWBM/G - Lancia Beta MonteCarlo lexan motorpart

Lancia Stratos:

#SWLS/B – Lancia Stratos plastic detail bodyparts

#SWLS/C – Lancia Stratos rear wing

#SWLS/D – Lancia Stratos transparent parts

#SWLS/E – Lancia Stratos lexan interior

Porsche 935 Moby Dick (S & D):

#SWMD/B - Porsche 935 Moby Dick (S & D) plastic detail bodyparts

#SWMD/C-1 – Porsche 935 Moby Dick (S & D) rear wing (narrow)

#SWMD/C-2 – Porsche 935 Moby Dick (S & D) rear wing (wide)

#SWMD/C-5 – Porsche 935 Moby Dick (S & D) rear wing (racing/flexible)

#SWMD/D – Porsche 935 Moby Dick (S & D) transparent parts

#SWMD/E – Porsche 935 Moby Dick (S & D) lexan interior

#SWMD/F – Porsche 935 Moby Dick (S & D) lexan window

Porsche 935/K2:

#SWK2/B – Porsche 935/K2 plastic detail bodyparts

#SWK2/C – Porsche 935/K2 rear wing

#SW935/E – Porsche 935/77 lexan interior

Porsche 935/77:

#SW77/B – Porsche 935/77 plastic detail bodyparts

#SW77/C – Porsche 935/77 rear wing

#SW77/D – Porsche 935/77 transparent parts

#SW77/E – Porsche 935/77 lexan interior

#SW935/E – Porsche 935/77 lexan interior

Approved Chassis:

#SW320/A – BMW 320 stock chassis

#SW320/A1 – BMW 320 flexible chassis

#SWSZ/A - BMW M1 stock chassis

#SWSC/A – BMW M1 Sauber & Schnitzer stock chassis

#SWSC/A1 - BMW M1 Sauber & Schnitzer flexible chassis

#SWBB/A – Ferrari 512 BB LM Silhouette stock chassis

#SWBB/A1 – Ferrari 512 BB LM Silhouette flexible chassis

#SWCZ/A – Ford Capri Zakspeed & Mustang stock chassis

#SWCZ/A1 – Ford Capri Zakspeed & Mustang flexible chassis

#SWFM/A – Ford Mustang & Capri Zakspeed stock chassis

#SWFM/A1 – Ford Mustang & Capri Zakspeed flexible chassis

Official Release – Racer Sideways 2019 Gp. 5 National Rules – ver 1.0 - 02/21/19#SWBM/A – Lancia Beta MonteCarlo stock chassis #SWBM/A1 – Lancia Beta MonteCarlo flexible chassis #SWLS/A - Lancia Stratos stock chassis #SWLS/A1 – Lancia Stratos flexible chassis #SWMD/A – Porsche 935 Moby Dick (S & D) stock chassis #SWMD/A1 – Porsche 935 Moby Dick (S & D) flexible chassis #SW935/A – Porsche 935/77 & K2 stock chassis #SW935/A1 – Porsche 935/77 & K2 flexible chassis Approved Guide Blades: #SWPU/01b – Universal Clip Pickup #SWPU/02b - Universal Screw Pickup #SWPU/03b – Universal Wood Track Screw Pickup Approved Motor: #SWM/BBRAPTOR - Baby Raptor 17k motor Approved Motor Pods and Bushing: #SWM/AW – Motorholder AW Group 5 (black) #SWM/AW-evo – New Motorholder AW Group 5 (black) #SWM/AW-evoH – New Motorholder Hard AW Group 5 (red) #SWM/AW-GT3 – Motorholder AW GT3 (black) #SWM/AW-GT3H – Motorholder Hard AW GT3 (red) #SWB/01 – Bushings motorholder Group 5 (racing) #SWB/02 – Bushings motorholder Group 5 (full) #SWB/03 – Bushings motorholder Group 5 (racing) Approved Wheels: Front Wheels: #SWW/15.9x8.2-AL - 15.9x8.2 mm aluminum rim #SWW/15.9x8.2-MG - 15.9x8.2 mm magnesium rim Rear Wheels: #SWW/17.3x8.2-AL - 17.3x8.2 mm aluminum rim #SWW/17.3x8.2-MG - 17.3x8.2 mm magnesium rim #SWW/17.3x8.2-AL GR-5 - 17.3x8.2 mm aluminum rim Group 5 #SWW17.3x82-MG GR-5 – 17.3x8.2 mm magnesium rim Group 5 #SWW/17.3x10-AL - 17.3x10 mm aluminum rim #SWW/17.3x10-MG - 17.3x10 mm magnesium rim #SWW/17.3x10-AL GT - 17.3x10 mm aluminum rim GT #SWW/17.3x10-MG GT - 17.3x10 mm magnesium rim GT #SWW/17.3x10-AL GTAir – 17.3x10 mm aluminum rim GT Air System #SWW/17.3x10-MG GTAir – 17.3x10 mm magnesium rim GT Air System Approved Wheel inserts: #SWGR5R01-A - Inserts BBS (silver) w/silver rings for 320/M1/Capri/Mustang #SWGR5R01-G – Inserts BBS (gold) w/silver rings for 320/M1/Capri/Mustang #SWGR5R02 - Inserts Compagnolo for Lancia Beta MonteCarlo/Stratos #SWGR5R03 – Inserts Ronal for Lancia Beta MonteCarlo #SWGR5R04 - Inserts BBS Aero Conic for Porsche #SWGR5R06 - Inserts BBS (silver) for 320/M1/Porsche Page 8 of 11

Official Release – Racer Sideways 2019 Gp. 5 National Rules – ver 1.0 – 02/21/19 #SWGR5R06F – Inserts (silver) w/silver rings for BB 512 #SWGR5R06-G – Inserts (gold) for BB 512 #SWGR5R06-S – Inserts (silver) for BB 512 #SWGR5R015 – Inserts BBS (silver) for 320/M1/Porsche

Approved Wheel/Insert assemblies:

- #SW20/W01 Wheels w/red BBS Aero Conic inserts for SW20 (Porsche)
- #SW23/W01 Wheels w/black & gold BBS Aero Conic inserts for SW23 (M1)
- #SW24/W01 Wheels w/red BBS Aero Conic inserts for SW24 (Porsche)
- #SW26/W01 Wheels w/black Compagnolo inserts for SW26 (Lancia)
- #SW27/W01 Wheels w/black BBS inserts w/silver rings for SW27 (M1)
- #SW28/W01 Wheels w/yellow inserts w/yellow rings for SW28 (512 BB)
- #SW30/W01 Wheels w/silver inserts for #SW30 (512 BB)
- #SW38/W01 Wheels w/white BBS Aero Conic inserts for SW38 (Porsche)
- #SW40/W01 Wheels w/inserts for Lancia Beta MonteCarlo
- #SW49/W01 Wheels w/gold BBS inserts w/silver rings for SW49 (Mustang)

Approved Axles & Axle Stoppers:

#SWAX/45 - 3/32" 2.37mm x 45mm Tempered & Rectified Axle #SWAX/48 - 3/32" 2.37mm x 48mm Tempered & Rectified Axle #SWAX/51 - 3/32" 2.37mm x 51mm Tempered & Rectified Axle #SWAX/54 - 3/32" 2.37mm x 54mm Tempered & Rectified Axle #SWST/01 - 3/32" Axle Stoppers

Approved Gears:

#SWPN/11T65 - 11 tooth, 6.5mm anglewinder/sidewinder pinion #SWPN/12T65 - 12 tooth, 6.5mm anglewinder/sidewinder pinion #SWPN/13T65 - 13 tooth, 6.5mm anglewinder/sidewinder pinion #GA1628-pl - 28 tooth anglewinder gear (plastic) #WSCR/GA1628e - 28 tooth anglewinder gear (light)

Other manufacture's approved parts:

# Axles:

#PA17 – Slot.it 3/32" (2.38mm) Brass eyelets for Independent front wheel axle
#PA39 – Slot.it 3/32" (2.38mm) Independent front wheel axle
#PA01-45 – Slot.it 3/32" (2.38)x45mm Steel Pro Axle, turned ground, polished
#PA01-48 – Slot.it 3/32" (2.38)x48mm Steel Pro Axle, turned ground, polished
#PA01-51 – Slot.it 3/32" (2.38)x51mm Steel Pro Axle, turned ground, polished
#PA01-51H – Slot.it 3/32" (2.38)x51mm Steel Pro Axle, turned ground, polished
#PA01-54 – Slot.it 3/32" (2.38)x51mm Steel Pro Axle, turned ground, polished
#PA01-54 – Slot.it 3/32" (2.38)x54mm Steel Pro Axle, turned ground, polished

# Axle, Guide, & Body Spacers:

Any manufacturer's spacers are permitted.

# Axle Stops:

#PA25 – Slot.it Stopper for anglewinder axles, aluminum

#PA57 – Slot.it Light aluminum stopper for anglewinder setup

#### Gears:

#PI6511E – Slot.it Ergal Sidewinder pinion – 6.5mm/11 tooth #PS11 - Slot.it Brass Sidewinder pinion - 6.5mm/11 tooth #PI67110 - Slot.it Brass Sidewinder pinion - 6.75mm/11 tooth #PI6512E - Slot.it Ergal Sidewinder pinion - 6.5mm/12 tooth #PS12 – Slot.it Brass Sidewinder pinion – 6.5mm/12 tooth #PI67120 - Slot.it Brass Sidewinder pinion - 6.75mm/12 tooth #PI6513E – Slot.it Ergal Sidewinder pinion – 6.5mm/13 tooth #PS13 – Slot.it Brass Sidewinder pinion – 6.5mm/13 tooth #GA1626pl - Slot.it Plastic Crown Gear - 26 tooth #GA1626e – Slot.it Light Ergal Crown Gear – 26 tooth #GA1627pl – Slot.it Plastic Crown Gear – 27 tooth #GA1627e – Slot.it Light Ergal Crown Gear – 27 tooth #GA1628pl – Slot.it Plastic Crown Gear – 28 tooth #GA1628e – Slot.it Light Ergal Crown Gear – 28 tooth #GA1629pl - Slot.it Plastic Crown Gear - 29 tooth #GA1629e – Slot.it Light Ergal Crown Gear – 29 tooth #GA1630pl - Slot.it Plastic Crown Gear - 30 tooth #GA1630e – Slot.it Light Ergal Crown Gear – 30 tooth #GA1631e - Slot.it Light Ergal Crown Gear - 31 tooth

## Guide Blades:

#CH07 – Slot.it Race pickup universal screw mount for plastic track
#CH10 – Slot.it Pickup screw mount for wooden track
#CH17 – Slot.it Pickup short shaft
#CH26 – Slot.it Pickup short shaft for standard Slot.it models
#CH55 – Slot.it Racing Pickup rev. B for standard Slot.it models

#CH85 – Slot.it Advanced blade screw pickup

#### Motor:

#MN09ch – Slot.it yellow Flat-6 20K motor – rated 20.5k rpm #SCC – Jaws 17.5k motor

Motor Pods and Bushings:

#CH29 – Slot.it 0.0 mm offset, Hard (GT type)

#CH30 - Slot.it 1.0 mm offset, Hard (GT type)

#CH60 – Slot.it 0.5 mm offset, Medium EVO6 (GT type)

#CH60b – Slot.it 0.5 mm offset. Hard EVO6 (GT type)

- #CH61 Slot.it 0.0 mm offset, Hard EVO6 (GT type)
- #CH74 Slot.it 1.0 mm offset, Medium EVO6 (LMP type)
- #CH75 Slot.it 0.5 mm offset, Medium EVO6 (LMP type)
- #CH76 Slot.it 0.0 mm offset, Medium EVO6 (LMP type)

#CH82 – Slot.it 1.0 mm offset, Hard EVO6 (GT type)

- #CH56 Slot.it brass spherical bushings
- #CH56b Slot.it bronze spherical bushings

#### Screws/Set Screws:

Any manufacturer's screws and set screws are permitted.

#### Tires (Front):

Official Release – Racer Sideways 2019 Gp. 5 National Rules – ver 1.0 – 02/21/19 #PT07 – Slot.it 10x18mm Z0 Rubber Tires #PT15 – Slot.it 10x16.5mm Z0 Rubber Tire #PT19 – Slot.it 8x14.2mm Z1 Rubber Tire #PT1088C1 – Slot.it 8x16.1mm C1 Rubber Tire (replacement for #PT20) #PT1159C1 – Slot.it 9.5x17.2mm C1 Rubber Tire (stock front tire on Group 5 cars) #PT1214S2 – Slot.it 8.4x14.6mm S2 Silicone Tire

#### Tires (Rear):

#CB32 – Quick Slicks Silicone Tires
#CB33 – Quick Slicks Silicone Tires
#CB34 – Quick Slicks Silicone Tires
#CB57 – Quick Slicks Silicone Tires
#CB58 – Quick Slicks Silicone Tires

#CB59 – Quick Slicks Silicone Tires

#### Wheels:

Front Wheels:

#PA17-Mg – Slot.it 15.8x8.2mm long hub magnesium wheel

#PA17-PI – Slot.it 15.8x8.2mm long hub plastic wheel + plastic inserts

#PA24-Alf - Slot.it 15.8x8.2mm short hub aluminum wheel, double shoulder

#PA24-Alh – Slot.it 15.8x8.2mm short hub aluminum wheel, double shoulder, holed channel

#PA24-Als – Slot.it 15.8x8.2mm short hub aluminum wheel + plastic inserts

#PA24-Mg – Slot.it 15.8x8.2mm short hub magnesium wheel

#WH1050-Al - Slot.it 15.8x8.2mm short hub aluminum wheel

#PA1183-Mg – Slot.it 15.8x8.2mm short hub magnesium wheel, holed channel

#WH1210-Pl – Slot.it 15.8x8.2mm short hub plastic wheel

#### Rear Wheels:

#PA18-Als – Slot.it 17.3x8.2mm long hub aluminum wheel + inserts

#PA38-Als – Slot.it 17.3x8.2mm short hub aluminum wheel + inserts

#WH1230-Mg – Slot.it 17.3x8.2mm short hub magnesium wheel

#PA62-Als – Slot.it 17.3x9.75mm short hub aluminum wheel

#WH1231-Mg – Slot.it 17.3x9.75mm short hub magnesium wheel

Note: older Slot.it aluminum and magnesium 17.3x10mm short hub wheels are also approved

Wire, braid, & eyelets:

Any manufacturer's wire, braid, and eyelets are permitted.