Sunny Speedway Rules Package

Facility Directors: DieHard RC is privately owned and operated by Brenda and Brett Wilson. If you have any needs while at the facility, they will happily assist you.

Race Director: The Race Director will have ultimate authority over rules enforcement. The primary basis for any rule's decision must be based on what will be best for the majority of racers. If an item is not addressed in the rules listed here, then you should assume it is not legal. Please talk to him if there are any issues, or concerns.

Competition Director: The Competition Director will work directly with the Race Director to enforce rules by organizing tech inspections. The Race and Competition Directors may allow variance to rules below if they see fit and in competitive fairness, with intent to keep things fun and growing.

Track Director: The Track Director will schedule work on the track surface during the race night.

Below are Race day Track rules:

- All drivers must corner marshal the race immediately following their race. If you cannot corner please find a replacement. It is your responsibility to find a replacement.
- Race director or announcer will stop the show at any point if corner marshals don't show.
- Turn marshals will use the supplied leaf blowers to push any dust and debris on the racing to the top of the track.
- Turn marshals should not work on or repair cars during a race. Minor issues like popping on a ball cup for a steering link are okay.
- Any cars damaged and placed in the infield will remain there until that race is over.
- All cars must enter and exit the racing surface via the pit lane at all times.
- All cars will be made available for tech inspection before and after race when required by the Race or Competition Director.
- Once a car has gone through pre-race tech it must go directly to track and not back to pit area.
- All Race cars **MUST** have visible Numbers.
- All racers must have a personal transponder. Transponder issues are the driver's responsibility; if you do not have a transponder, you will not be scored that run. Absolutely no hand counting as it is unfair to other racers.
- Race Director can deny any racer at his digression to protect others, DieHard RC and the program.

Suggested Tire List

Sunny Speedway at Diehard RC is still a growing race program and wants to keep racing friendly to new coming drivers. For this reason, we are providing a "suggested tires list" rather than a "spec tire" list. Team Roundrats are of the belief that no driver should be turned away from racing in a class due to having the "wrong tire". Drivers tend to find a tire that works well for them and stick with it. Below are some tires that we know to perform well at Diehard RC. These examples include pins, bars and semi-slicks. You may select from this tested tire list or try other dirt tire option without large tread patterns that will damage the track surface. If you have any questions, feel free to ask anyone in the Roundrats Racing pits.

JConcepts

- 1/10 Sprinter 2.2 - 2wd Buggy Front Tire (Fits standard 2.2 wheels)
- 1/10 Sprinter 2.2 - Buggy Rear Tire (Fits standard 2.2 wheels)
- 1/10 Ellipse 2.2 2wd buggy front tire
- 1/10 Ellipse 2.2 buggy rear tire
- 1/10 Hot Lap Dirt Oval 2.2" 2WD Front Buggy Tires
- 1/10 Hot Lap Dirt Oval 2.2" Rear Buggy Tires

Jconcepts is a gold sponsor for our track, but that is not the reason we list both the Sprinters and the Ellipse buggy tires. For a pin tire, the Jcon Sprinter is an excellent place to start. The tires are directional to provide both side and forward bite. This tires have a tendency to gain speed as the pins wear in while remaining very predictable. The Jcon Ellipse buggy tire is a bar style tire with directional tread patterns, also for both side and forward bite.

Proline

- 1/10 Hot Lap Dirt Oval 2.2" 2WD Front Buggy Tires
- 1/10 Hot Lap Dirt Oval 2.2" Rear Buggy Tires

The Proline Hotlaps are the go to tire for Slash Super Stock and Gastruck Nastruck. These tires preform incredibly well on our dirt oval in both of these classes, as well as the 2.2 wheel buggy based classes. With a tread pattern that leaves the majority of the rubber on the track, this tire is what we would refer to as a semi-slick tire. The low profile tread pattern exposes a very large contact patch on the track, making them fast candidates for both Slash classes and buggy classes alike. These tires have a long lasting tire wear that, when cared for properly, can provide you excellent traction all season long.

DE Racing

- 1/10 Outlaw Sprint Front Tires (Requires DE Racing 1/10 Gambler Front Wheels)
- 1/10 Regulator Late Model Rear Tires (Requires DE Racing 1/10 Gambler Rear Wheels for Late Model)

The DE Racing Regulator rear and Outlaw Sprint fronts have been a long time reliable oval tire combo. The Regulators have a very interesting wear characteristic where they start with pins and wear into larger blocks. These tires are very scale looking but require DE Gambler wheels and can be very tricky to learn how to glue.

Reference: DODC Rules can be found at www.dirtoval.com/Rules, any other questions should be presented to the race director.

Classes: Classes with an (*) will be offered during daytime races when 5 or more sign up. During night time races, classes with an (*) may be considered if more than 5 sign up. This decision is made by the race director.

Rookie Oval:

This class is for our beginner dirt oval racers and youngsters. 1/10 scale cars and Trucks allowed, No Nitro or 1/8 scale cars allowed. Participants may be asked to move up into another class if race director determines that they should. This decision is made by the race and competition director after reviewing performance and skill level.

Street Stock/SR10:

This class will allow a mixture of 2WD Buggy Street stocks and SR10's. The following rules will be put in place for fair and competitive reasons. **If it is not in the rules, it is probably not legal**. Transmitter and receiver can be changed from factory issued to driver's preference.

Chassis:

- Any 2WD Buggy (Example: Associated B series or TLR) or SR10, no 4WD buggies with the front drive disabled. No Purpose-built chassis.

Motors:

- RTR sr10 reedy 3300Kv motor with fixed spec gearing (to be determined), or
- Any ROAR approved 17.5T Stock motor.

ESC:

- Any ESC in "Blinky" Mode

Bodies:

- Any 1/10 scale Street Stock body(max of 10" wide).
- Body must have all 4 fenders and include front and rear bumpers.
- Body must be cut to trim lines; No cutting out of the back above bottom of bumper, fender wells can be cut for tire clearance.
- No additional wings, flaps, wickers, vents, or air devices allowed (no added holes)
- You may have a total of 1" spoiler measured from the rear deck lid. Spoiler may not be wider than the stock molded spoiler.
- Decking is not allowed, must have all windows and no cut outs of any window.

Battery:

- Any 2S LiPo Hardcase Battery.
- Battery must stay in factory location.

Suspension:

- Must have buggy shock's (No touring car size shocks)
- NO Rear adjustable arms.

Slash Super Stock:

This class was designed and established to run a common set of rules around the country with minimal changes. This class is for the intermediate and above racers, it will be a fun class to run.
This class is a Traxxas 2wd Slash based platform with minimal changes. If the rules do not specifically say you are **ALLOWED** to do something, then you are **NOT ALLOWED** to do it.

Chassis:

- Traxxas 2wd Slash stock/OEM chassis or LCG chassis are allowed. NO EXCEPTIONS
- Full rear bumper bust be used (RPM Option is allowed)
- Heavy duty parts that come with the new BL2-S kit are allowed. These are: rear axles, bearing carriers, suspension arms, caster blocks and rear shock towers.
- RPM upgrades allowed.
  RPM Front Caster Blocks
  RPM Front Bearing Carriers
  RPM Rear Bearing Carrier/Hubs
  RPM Rear bumper

Transmission:

- Transmission **MUST** remain stock.
- RPM Transmission case is **NOT** allowed.
- Stock 90T spur gear **MUST** be used. If running BL2-S, 83/21 will be the maximum gearing.
- Pinion gears allowed: Brushed:**16T through 23T**
- Adjustable rear arms are **NOT** allowed.
- Shock components are only allowed in original locations.
- Stock Slash shock **MUST** be used
  Grey/Gray or Black versions are **BOTH** allowed.
- Aluminum parts, other than shock caps, are **NOT** allowed.
- Shock Springs **MUST** remain Stock.
- Allowable chassis adjustment.
  Camber
  Front Toe (in/out)
  Ride Height
  Shock oil
  Shock pistons
  Shock locations
  Battery location within the stock chassis location (Front/Back)

Electronics:

- **Traxxas Brushless and brushed system allowed**
- Traxxas 2wd Slash stock receiver **IS** allowed to be swapped out to accommodate an individual racers radio system.
- Any 1/10 scale servo will be allowed, but stock plastic servo horns **MUST** be used.
- Traxxas TITAN 12T 550 Brushed motor, #TRA3785.
- Any Full Sized 2S Hard Case battery.
- Traxxas BL2S ESC/Motor Model# 3382

Body:

- Any full-bodied stock car made specifically for the Short Course sized platform,
- Examples: Shark RC Bodies, ODD Design (McAllister Racing.)
- Body **MUST** have visible numbers for announcing purposes.
- Spoilers no more than 1.5in from the deck lid.
- **NO** Side damns allowed
- No Decking allowed, **ALL** windows **MUST** be present
- Rear of the body must be intact to manufacturers cut lines. If no cut lines present material must be added for "real Street Stock look" rear of the racecar.

Tires:

- Allowable tires and wheels:
  - Stock/OEM Traxxas Slash kit tires/Wheels
  - Proline Racing Hot Lap Short Course Tires
  - Traxxas Off-Set wheels Only.

Gastruck Nastruck – 2WD Nitro Slash:

This class is designed to be an advanced version of the popular Slash Super Stock class and is based on a Traxxas 2WD NITRO Slash platform with minimal modifications. If the rules do not specifically say you are **ALLOWED** to do something, then you are **NOT ALLOWED** to do it.

Chassis:

- Traxxas 2wd **NITRO** Slash.
- Traxxas Stability Management (TSM) is **NOT** allowed.
- Stock Radio may be upgraded
- Stock chassis only. No Carbon chassis allowed
- Full rear bumper bust be used. Lipo conversions to replace AA battery packs are allowed.
- Custom Works Adjustable Rear Arms for Traxxas Slash **ARE** allowed.
- RPM upgrades allowed:
  - RPM Front Caster Blocks
  - RPM Front Bearing Carriers
  - RPM Rear Bearing Carrier/Hub

Engine and Transmission:

- Traxxas TRX 3.3 engine **MUST** be used and remain in stock condition.
- Transmission **MUST** remain in stock condition.
- RPM Transmission case is **NOT** allowed.
- Stock gearing (15/36) required
- Allowable Spec Pipe: Traxxas Resonator Tuned Pipe – Low RPM (Part#: TRA5483)
- Stock EZ Start system must be used or remain on vehicle. (You should not need a box)
- Shock components are only allowed in original locations.
- Stock Slash shocks **MUST** be used
  Grey/Gray or Black versions are **BOTH** allowed.

- Custom Works Big Bore Springs **ARE** allowed.

Allowable chassis adjustment:

Camber
Toe (in/out)
Ride Height
Shock oil
Shock limiters
Shock pistons
Shock locations
Battery location within the stock chassis location

Allowable Aluminum upgrades:

- Shock Caps
- Gearbox brace/clutch guard
- rear suspension arm mount

Body:

- Any Shark Racing Bodies NASCAR **TRUCK** body for the Traxxas Slash.
- Body **MUST** have visible numbers for announcing purposes.
- Spoilers no more than 1.5in from the deck lid.
- **NO** Side damns allowed
- No Decking allowed, **ALL** windows **MUST** be present
- Traditional Slash oval body mounting options are acceptable.
  The Mcallister Racing or Shark Racing Bodies Slash mounting kit are direct fits.
- Rear of the body must be intact to manufacturers cut lines. If no cut lines present material must be added for "real Street Stock look" rear of the racecar.

Tires:

- Allowable tires and wheels:
  - Stock/OEM Traxxas Slash kit tires/Wheels
  - Proline Racing Hot Lap Short Course Tires
  - DE Racing Speedway SC Wheels
    - Slash rear offset only (21.5mm Backspace)

305/Losi Sprint Car:

Drivers with some experience making ovals will eventually want to step into open wheel, this class is designed to be the entry level open wheel class. This class will allow box stock (minus radio) Losi Sprint cars. This class is a sort of "Spec Class" for sprint cars with motor limits, ESC limits and tire rules. Drivers can run 305/360 or 360/410, but not all three at the same time.

- 17.5t ROAR approved brushless motor limit.
- ESC Must be in Blinky mode

- Any hard case 2s Lipo battery
- Any 1/10 scale electric sprint car platform
- 1/10 scale buggy conversions, and purpose built chassis are allowed
- Offset chassis are allowed
- Must have scale appearing cage, hood, side panels, Fuel tank, nerf bars, headers, and front and rear bumpers.
- Body/cage must be mounted down the centerline of the chassis.
- Body must have a visible number for announcing purposes
- Nothing can be attached to the nerf bars to create aero.
- Chassis must not extend past the body/cage by more than 1/4”
- Side panels must have appropriate openings on both sides to maintain scale look.
- Side panels should not extend past the top of the hood at any point.
- Additional material may be added to either side of the driver’s cockpit area to replicate a scale driver but decal or image of driver must be present.
- 7” X 7” Top wing, wing must be made from 3 separate pieces of Lexan, all corners must be rounded for safety.
- Top wing minimum height at leading edge is 5” from bottom of chassis plate. See DODC attachment below
- Top wing must have 2 Braces to hold the panel at a 90 deg angle to the center section during race conditions. See DODC attachment below
- Wing must be centered on the cage
- Front wing max 4.5” wide X 3” long (front wing is optional) see DODC attachment for details.
- Front wing must not extend forward of the front bumper.

360 Sprint Car:

This class is the stepping stone to the Outlaw sprint class, this class is very fun and highly competitive. It’s an open wheel class which requires close quarter racing with other open wheel cars. This class is a sort of “Spec Class” for sprint cars with motor limits, ESC limits and tire rules.

- 13.5t ROAR approved brushless motor limit.
- ESC Must be in Blinky mode
- Any hard case 2s Lipo battery
- Any 1/10 scale electric sprint car platform
- 1/10 scale buggy conversions, and purpose built chassis are allowed
- Offset chassis are allowed
- Must have scale appearing cage, hood, side panels, Fuel tank, nerf bars, headers, and front and rear bumpers.
- Body/cage must be mounted down the centerline of the chassis.
- Body must have a visible number for announcing purposes
- Nothing can be attached to the nerf bars to create aero.
- Chassis must not extend past the body/cage by more than 1/4”

- Side panels must have appropriate openings on both sides to maintain scale look.
- Side panels should not extend past the top of the hood at any point.
- Additional material may be added to either side of the driver's cockpit area to replicate a scale driver but decal or image of driver must be present.
- 7" X 7" Top wing, wing must be made from 3 separate pieces of Lexan, all corners must be rounded for safety.
- Top wing minimum height at leading edge is 5" from bottom of chassis plate. See DODC attachment below
- Top wing must have 2 Braces to hold the panel at a 90 deg angle to the center section during race conditions. See DODC attachment below
- Wing must be centered on the cage
- Front wing max 4.5" wide X 3" long (front wing is optional) see DODC attachment for details.
- Front wing must not extend forward of the front bumper.

410 Sprint (Outlaw or Open Sprint):

Typically this class is the fastest class on any track around, here is no different. This class is for experienced drivers who can navigate a fast shifty open wheel car with others in a highly competitive and ever growing and evolving class. This class will adhere to mainly the same rules as the above Sportsman Sprint Car rules except for the motor, ESC, and tire limits. Below are the rules we run, we also comply with the DODC www.dirtoval.com rules package.

- Any ROAR approved modified motor.
- Any 1/10 scale ESC in any mode.
- Any hard case 2s lipo battery.
- Any 1/10 buggy type rubber tire(no large pins).
- All body, Wing and chassis rules are same as above Sportsman Sprint Car class and the DODC Rules package.
  See DODC attachment below.

SPRINT WINGS: BUGGY TIRE

- ALL DIMENSIONS ARE MAXIMUM UNLESS NOTED.

UPDATED 10/1/2019

MAIN WING DECK:

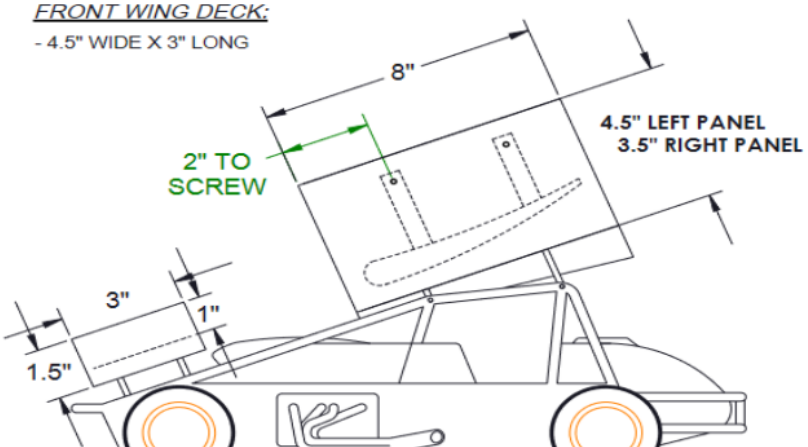
- MAX 7" X 7" SQUARE
- PLUS 1/2" MAX REAR SPOILER

SIDE PANELS:

- SIDE PANELS MUST BE MOUNTED WITH A MINIMUM OF 1/2" ABOVE AND BELOW THE TOP OF WING CENTER SECTION ON EACH SIDE OF THE WING.
- LEFT SIDE PANELS ARE 90 DEG AT ALL 4 CORNERS AND ON SAME PLANE.
- RIGHT SIDE PANELS MUST BE 90 DEG AT THE TOP 2 CORNERS. ALL 4 CORNERS ON THE SAME PLANE.

FRONT WING DECK:

- 4.5" WIDE X 3" LONG



Classes with an (*) will be offered during daytime races when 5 or more sign up. During night time races, classes with an (*) may be considered if more than 5 sign up. This decision is made by the race director.

*1/10 2wd Open Latemodel (Open LM):

This class is for the more experienced dirt oval racers, these cars are fast and maneuverable and very competitive. These cars are 2wd(rear) buggy style platforms. These cars can be converted buggies, or purpose built chassis. We run the following rules package below.

- 1/10 2wd(rear) buggy based conversions or purpose built chassis
- Offset chassis allowed
- Adjustable rear arms allowed
- Any hard case 2s Lipo battery
- Any 1/10 ESC in any mode
- Any Roar approved 1/10 scale modified motor
- Any 10" wide Latemodel body. Examples, Protoform Nor'easter, McAllister Fairbury, MR Kustoms RealDeal, Truform race products Kamikazeee.
- Body decking is allowed
- Body must have a visible number for announcing purposes
- Rear Spoiler max 2.5" above rear decklid. Spoiler end caps allowed but must not extend beyond spoiler
- All wheels and tires must remain within the body.
- No Side dams allowed
- Any 1/10 buggy type rubber tire(no large pins)

***Wingless Sprint Car:** Wingless sprint cars are very fun, they take a little more tuning to make them fast and get around the track without help from wings and such. Below is the rules we will be running for this class.

- 13.5t ROAR approved brushless motor limit.
- ESC Must be in Blinky mode
- Any hard case 2s Lipo battery
- Tires must be **DE Outlaw Sprint** front and rear (will require DE Gambler wheels).
- Any 1/10 scale electric sprint car platform
- 1/10 scale buggy conversions, and propose built chassis are allowed
- Offset chassis are allowed
- Must have scale appearing cage, hood, side panels, Fuel tank, nerf bars, headers, and front and rear bumpers.
- Visor must not extend more than 1" down the front side of the downtubes of the cage.
- Body/cage must be mounted down the centerline of the chassis.

- Body must have a visible number for announcing purposes
- Nothing can be attached to the nerf bars to create aero.
- Chassis must not extend past the body/cage by more than 1/4”
- Side panels must have appropriate openings on both sides to maintain scale look.
- Side panels should not extend past the top of the hood at any point.
- Additional material may be added to either side of the driver’s cockpit area to replicate a scale driver but decal or image of driver must be present.
- All body, and chassis rules not specified will adhere to the DODC Rules package.

*SC Modified (SC MOD):

The Short Course Modified Class is a fun class for the intermediate to expert racers. This class is a very competitive class with fun cars. The below rules apply to this class.

- Any 1/10 scale Short Course Truck chassis
- 2s Hard case Lipo
- Any ESC
- Any Motor, 1/10 scale KV Motors allowed
- Any Short Course Truck tires(no Big Pins)
- SC Mod Body is required for this class
  - Body must have a visible number for announcing purposes • Rear spoiler no wider than the body, 3” max from decking.

*Dirt Midget Rules

All height measurements are from bottom of chassis unless otherwise noted.

- **General** - Maximum Overall Length: 16.750". Maximum Chassis width: 4.2" Maximum of 4 shocks can be used. Solid axles are allowed. If solid axles are used the rear axle must be square with centerline of the chassis and parallel to the front axle.
- **Wheelbase**- Min 9.5” Max 10.0”
- **Rear Toe**- Only non adjustable rear arms can be used. Trackside toe adjustable rear hubs and or arms are not allowed. Trackside adjustable wheelbase is not allowed (can’t have toe blocks or anything else attached to an easily adjustable mechanism to allow for wheelbase change trackside). Left rear can be toed in via toe block. Right rear can be toed in but can NOT be toed out.
- **Offset**- Right side of the cage can be no further offset from the outside of the RR tire than 3.625”
- **Ballast Weight**- Brass, tungsten or steel hubs, arms, arm inserts, caster blocks, steering arms are not allowed. Ballast weight can be attached to the main chassis area is allowed as long as it’s secured properly.
- **Transmission** – 3 gear transmissions only. No DD, 2, 4 or 5 gear transmissions will be allowed. All gears must be full gears. No narrowed or lightened gears allowed. Plastic, Aluminum and Steel gears are permitted. Steel outdrives only. Blades are permitted. No gear diffs allowed. No rear motor cars allowed unless you can do it in a manner that the tail tank is appropriately sized and located.
- **Solid Axle Option**- If a solid rear axle design is used it, the motor must be mounted to the chassis and cva/cvd must be used to drive the rear axle. No belts or chains will be allowed. A spur gear and pinion must be used in conjunction with the motor plate mounted to the chassis.

- **CVA/CVD**- Dog bones must be equal length. Axles and bones must be made from steel. No aluminum, titanium or magnesium axles or bones allowed.
- **Speed Controller** - Hobbywing Justock Speed controller # 30112003
- **Motor** – Hobbywing 13.5T Justock #30408010
- **Battery** - 2S hard case lipo
- **Tires** – Tire choice is track/event choice. This class must be on a spec tire and only 1 spec tire is allowed at an event or track. Promotor can choose the tire that works best for their event but must make a choice on only one tire option for this class. If there are multiple compounds of the same style of tire then they can be used. No cutting, grooving or modifying the size and shape of tire is allowed (foam tires are allowed to be cut and grooved).
- **Cage** – Must have a scale appearing contemporary cage made out of rounded stock. The cage must be symmetrical left to right and mounted level to the chassis. Unrealistic shaped cages designed to exploit the rules below are not permitted. Maximum cage width at driver halo, down tubes, and top frame rail: 3.600". Minimum cage height is 6.00" while maximum cage height 6.25" from top of chassis to top of cage at highest point. Rear "down tubes" must slant forward. All cage and body components such as cage, bumpers, nerf bars, hoods, side panels, tanks, etc. must be mounted on the centerline of the cage. Chassis may not extend outside of the side panels by more than 1/4" on either side.
- **Bumpers** – A tubular front bumper must be used and may not be designed to direct air or create downforce. Maximum height of front bumper is 1.5" from the bottom of the lowest point of the chassis. Scale appearing side nerf bars must be used on both sides of the car. A scale appearing rear hoop style bumper must be used. Bumpers and nerf bars must be made of rounded stock with no sharp edges. Tail tank – A traditional scale appearing rounded style three dimensional rear fuel cell must be used. A rectangle (Swindell) style rear tank is allowed but must have a proper style rear bumper to go with it. You can not simply have a flat tail section with no bumper.
- **Headers**- Three dimensional scale appearing headers, head and oil tank must be used on the left side of car in "engine area". Material must be plastic or aluminum. Not allowed to make inserts for these to add ballast weight.
- **Side panels** – Flat side panels may be made from molded or fabricated polycarbonate. Maximum height of side panels in front of the driver cockpit is 4.50" from the bottom of the chassis. Must have minimum of 1/2" high by 2.5" long openings on both sides of cage in driver compartment. Additional material may be used/added to either side of the side panel openings to replicate a scale appearing driver but may not exceed 1" x 1". Side panels may not extend beyond the cage by more than 0.25". Side Panels may not extend into the area that is behind the rear axle AND below the top of the rear nerf bar. Scale appearing driver arm guards and engine vents may be used but cannot extend more than 3/8" from the side panels. No other flares or turnouts designed to deflect, trap and/or form a pattern for air to travel in a directed manner are permitted except for those used to cool electronics.
- **Hood** – A scale appearing hood must be used and is defined as beginning at the point where torsion tubes or cross brace would be on a 1:1 car behind the front bumper. The hood must be tall enough and wide enough to allow room for a scale engine intake and air cleaners (no unrealistically low or flat hoods). Minimum vertical gap from top of hood to bottom of front cage crossbar.
- **Nose Area** – No molded or fabricated nose piece may be used and is defined from the torsion tube or cross brace would be on a 1:1 car. You can not have anything below that point that is on the same plane as the hood. No scoops or bodywork allowed in this area. You can have side panels along the front of the cage but the can not stick past the cage sides.

Hobby Town Redmond Losi Package List for DieHard RC

Losi 22S Sprint

Rookie Package:

Option A: $524.98 and just go racing!

- Combo Kit (Red) with battery and charger (LOS-2359). $399.99
- MyLaps Transponder. (Part# AIT10R120) $124.99

Option B: $587.95. Significantly better battery and charger with storage mode, balance options.

- Car only kit: Blue (LOS-1387T1) or Green (Los-1387T2). $349.99
- Battery: GensAce 2S 100C G-Tech Hardcase w/EC5 connector 5300 mAh. Part #GEA532S10E5GT. $51.99
- Charger: iSDT 405AC Smart Charger. (Part# ISDT-405AC). $52.99
- Charge Lead: Pro-Tek RC HD EC5 to XT60 (Part# PTK-5350). $7.99
- MyLaps Transponder. (Part# AIT10R120) $124.99

Option C: $648.47-$695.97. I know I'm going to be a racer and want to invest a little in my racing career up front. Includes a much more powerful charger capable of charging 2 batteries simultaneously. The sky is the limit with radios but here are two solid upgrades that will not break the bank.

- Car only kit: Blue (LOS-1387T1) or Green (Los-1387T2). $349.99
- Battery: GensAce 2S 100C G-Tech Hardcase w/EC5 connector 5300 mAh. Part #GEA532S10E5GT. $51.99
- Charger: GensAce iMars D300 Plus G-Tech Smart Dual AC/DC Charger w/Bluetooth control. (Part# GEA300WPLUS-UB). $129.99
- Charge Lead: Pro-Tek RC HD EC5 to XT60 (Part# PTK-5350). $7.99
- Radio: Two solid economic options. Both offer 10 model memory, adjustable ST/TH dual rates, and EPA. Bonus: they will also control your SIM racing games at home. The GT3C ditches the AA's for a built in Li-ion rechargeable battery.
    - Flysky FS-GT3B 3 Channel Transmitter w/FS-G3E Receiver (Part# FSY-FS-GT3B+GR3E). $46.49
    - Flysky FS-GT3C 3 Channel Transmitter w/FS-GR3E Receiver (Part# FSY-FS-GT3C+GR3E). $69.99 (Rechargeable)
- MyLaps Transponder. (Part# AIT10R120) $124.99

Legal Replacement Parts List: For when that time comes.

- Pinion Gears- Any 20T, 22T, or 25T pinion
- 12MM Wheel Hex's:
    - TLR Aluminum 4.5mm Front Clamping Hex Set (2): Part #TLR232112
    - Losi Aluminum 4.5mm Front Clamping Hex Set (2): Part #LOS332005
    - TLR Aluminum 5.5mm Rear Clamping Hex Set (2): Part #TLR232114
    - Losi Aluminum 5.5mm Rear Clamping Hex Set (2): Part #LOS332006
- Any 2S Hardcase Battery. Max 6400 mAh.

- Pro-Line Losi 22S Sprint body Part #PRO3674-00
- Shock Springs may be changed:
    - Custom Works Big Bore Spring Set (2) (5 lb Yellow) Part #CSW1825
    - Custom Works Big Bore Spring Set (2) (7 lb Green) Part #CSW1827
    - Custom Works Big Bore Spring Set (2) (8 lb Purple) Part #CSW1828
- Ball cups can be changed:
    - Team Associated B6.4/B74.2 ball cups. Part #ASC92308
    - Team Associated 5.5x8 MM ball studs. Part #ASC91048
    - Team Associated 3.5x50 MM turnbuckles. Part #ASC92304
- Tires and wheels may be changed:
    - Losi 22S Sprint Rear Pre-Mounted Hoosier Tires (Part #LOS-2442)
    - Losi 22S Sprint Front Pre-Mounted Hoosier Tires (Part #LOS-2430)
    - Pro-Line Hoosier Angle Block Dirt Oval 2.2 Rear Buggy Tires (M4 Compound) Part #PRO8274-03 mounted on any standard 2.2 rear buggy wheel.
    - Pro-Line Hoosier Super Chain Link Dirt Oval 2.2 2WD Front Buggy Tires (M4 Compound) Part #PRO8275-03 mounted on any standard 2.2 2WD front buggy wheel.

Losi Late Model

Rookie Package:

Option A: $544.98 and just go racing!

- Combo Kit (White) with battery and charger (LOS-2168T1). $419.99
- MyLaps Transponder. (Part# AIT10R120) $124.99

Option B: $617.95. Significantly better battery and charger with storage mode, balance options.

- Car only kit: Blue (LOS-2167T1) or Green (LOS-2167T2). $379.99
- Battery: GensAce 2S 100C G-Tech Hardcase w/EC5 connector 5300 mAh. Part #GEA532S10E5GT. $51.99
- Charger: iSDT 405AC Smart Charger. (Part# ISDT-405AC). $52.99
- Charge Lead: Pro-Tek RC HD EC5 to XT60 (Part# PTK-5350). $7.99
- MyLaps Transponder. (Part# AIT10R120) $124.99

Option C: $678.47-$695.97. I know I'm going to be a racer and want to invest a little in my racing career up front. Includes a much more powerful charger capable of charging 2 batteries simultaneously. The sky is the limit with radios but here are two solid upgrades that will not break the bank.

- Car only kit: Blue (LOS-1387T1) or Green (Los-1387T2). $349.99
- Battery: GensAce 2S 100C G-Tech Hardcase w/EC5 connector 5300 mAh. Part #GEA532S10E5GT. $51.99
- Charger: GensAce iMars D300 Plus G-Tech Smart Dual AC/DC Charger w/Bluetooth control. (Part# GEA300WPLUS-UB). $129.99
- Charge Lead: Pro-Tek RC HD EC5 to XT60 (Part# PTK-5350). $7.99
- Radio: Two solid economic options. Both offer 10 model memory, adjustable ST/TH dual rates, and EPA. Bonus: they will also control your SIM racing games at home. The GT3C ditches the AA's for a built in Li-ion rechargeable battery.

    - Flysky FS-GT3B 3 Channel Transmitter w/FS-G3E Receiver (Part# FSY-FS-GT3B+GR3E). $46.49
    - Flysky FS-GT3C 3 Channel Transmitter w/FS-GR3E Receiver (Part# FSY-FS-GT3C+GR3E). $69.99 (Rechargeable)
- MyLaps Transponder. (Part# AIT10R120) $124.99

Legal Replacement Parts List: For when that time comes.

- Pinion Gears- Any 20T, 22T, or 25T pinion
- 12MM Wheel Hex's:
    - TLR Aluminum 4.5mm Front Clamping Hex Set (2): Part #TLR232112
    - Losi Aluminum 4.5mm Front Clamping Hex Set (2): Part #LOS332005
    - TLR Aluminum 5.5mm Rear Clamping Hex Set (2): Part #TLR232114
    - Losi Aluminum 5.5mm Rear Clamping Hex Set (2): Part #LOS332006
- Any 2S Hardcase Battery. Max 6400 mAh.
- Shock Springs may be changed:
    - Custom Works Big Bore Spring Set (2) (5 lb Yellow) Part #CSW1825
    - Custom Works Big Bore Spring Set (2) (7 lb Green) Part #CSW1827
    - Custom Works Big Bore Spring Set (2) (8 lb Purple) Part #CSW1828
- Ball cups can be changed:
    - Team Associated B6.4/B74.2 ball cups. Part #ASC92308
    - Team Associated 5.5x8 MM ball studs. Part #ASC91048
    - Team Associated 3.5x50 MM turnbuckles. Part #ASC92304
- Tires and wheels may be changed:
    - Losi 22S Late Model Front/Rear Pre-Mounted Hoosier Tires Medium (Part #LOS-4237)
    - Losi 22S Late Model Front/Rear Pre-Mounted Hoosier Tires Soft (Part #LOS-4247)
    - DE Racing Regulator Late Model (Rear) Tires Part # DER-RLR1-D3 (D30 Compound)
        - Rear wheels/tires to be used on both front and rear of Losi LM
    - DE Racing Gambler (Rear) Late Model Wheels Part #DER-GLR-AB (black), Part #DER-GLR-AW (white), Part #DER-GLR-AS (silver)