

2024 LCRC The Prelude To The Dream & The Dream Race Rules

Revised 4/15/2024

We will be using AMB RC4 decoders along with livetime scoring system. All amb/mylaps 2 and 3 wire transponders will work.

Gyros or driving assist devices are not permitted in any classes.

SCORING RULES

We use Heat Race point system. The goal is to win your heat race and earn the lowest points possible in 3 rounds of qualifying. A heat race win equals 1 point, 2nd place equals 2 points, 3rd place equals 3 points ect. To set the features, we will add up your points from all 3 qualifiers and we will take the top 6 drivers with the lowest points total. Then bump up drivers from lower features to fill the A Feature. If there is a tie, the first tie break is the racer with the best heat race result. the second tie break is the racer with the best seed time from the seeding round.

Class Order for 2024: 12T Mud Boss, 360 Sprint, Street Stock, Mid West Modified, BL-2 Mud Boss, Late Model, SC Mod, 13.5 Mud Boss, Midget, 410 Sprint *** SUBJECT TO CHANGE ***

YOU CAN USE ANY COMPOUND OFFERED IN THESE TIRES, YOU MUST USE THE LISTED INSERTS INCLUDED WITH THE TIRES.

***** INSERTS MUST BE RUN AS THEY COME FROM THE MANUFACTURER, THEY CANNOT BE MODIFIED OR ALTERED IN ANYWAY. THEY CANNOT BE TAPED, GLUED OR ATTACHED TO THE RIM. NO LINERS OR STRAPS OF ANY KIND OR STYLE MAY BE USED INSIDE THE TIRE.

***** TIRES- YOU ARE NOT ALLOWED TO ALTER OR CUT THE CARCASS OR SIDEWALL OF THE TIRE. VENT HOLES ARE ALLOWED TO BE PUNCHED IN THE SIDEWALL OF THE TIRE. RACING SURFACE OF THE TIRE MAY BE SANDED OR CLIPPED BUT NO PART OF THE TIRE MAY BE SLICKS.

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SPEC TIRES

ALL CLASSES: INSERTS COME WITH THE TIRES AND YOU MUST USE THE INSERTS INCLUDED WITH THE TIRES.

- STREET STOCK:** J CONCEPTS SPRINTERS
FRONT: #3134 REAR: #3133
INSERTS: FRONT: #3231 REAR: #3232
- MIDWEST MODIFIED:** FRONT: Quasi Speed QS-1601
REAR: Quasi Speed QS-1602
- LATE MODEL:** JCONCEPTS ELLIPSE
FRONT: #3196 Any Compound
REAR: #3197 Any Compound
- SC MODIFIED:** DE RACING GROOVED G6T
FRONT & REAR: #DER-G6G
INSERTS: DER-ISC-CCR
- JCONCEPTS SWIPER
FRONT: #4043-01
REAR: #4043-02
- 410 SPRINT:** JCONCEPTS ELLIPSE FRONT: #3196 Any Compound
JCONCEPTS ELLIPSE REAR: #3197 Any Compound
- 360 SPRINT:** FRONT: Quasi Speed QS-1601
REAR: Quasi Speed QS-1602
- MIDGET:** FRONT: Quasi Speed QS-1601
REAR: Quasi Speed QS-1602
- 12T Mud Boss:** Original TRAXXAS SLASH Rubber tire/wheel/inserts
BL-2 Mud Boss: (BFG / KUMHO / SPEC) any wheel combination of the
SAME TIRE TYPE (ie..4 fronts, 4 rears, 3 front 1 rear...)
S1 compound is allowed
- 13.5 Mud Boss:** JCONCEPTS SWIPER FRONT: #4043-01
JCONCEPTS SWIPER REAR: #4043-02
PROLINE #10153 HOOSIER M3 or M4 with oem blue inserts
(mounted on any SC wheel)

SC MODIFIED:

CHASSIS

Must be a SC Based Chassis

Carbon fiber chassis allowed. Must meet the following specs.

All suspension components, transmission, front and rear bulkheads must be on center line of the vehicle.

All larger volume OEM Chassis are legal IE "AE,TLR,Traxxas"

Aftermarket or specifically built chassis and kits must conform to the following specifications.

Maximum Chassis width 7"

Minimum Chassis width 5 1/8"

Maximum left side of chassis can be from centerline is 3 1/2"

Right side must be a minimum of 2.25" from centerline to outside edge of chassis.

Cages: Must represent a cage, no solid plastic cages, must be cut the same on both sides.

Minimum wheelbase 12.5"

Maximum wheelbase 13.5"

Shock bodies min length 1"

Front Track width Min 11.42" *UPDATED TO MEET ROAR SPECS*

Front track width Max 11.65" *UPDATED TO MEET ROAR SPECS*

Front Suspension arms must be equal size left and right

Rear Suspension arms must be equal size left and right

Adjustable Rear Suspension arms are allowed.

Battery must be mounted on the centerline of the vehicle. Can be either designed front to back or sideways across the chassis but center of battery must be on centerline of chassis.

MOTORS: MODIFIED MOTOR

BATTERY:

2 Cell HARD CASE Lipos. Do not need to be ROAR approved.

8.44 max voltage at Tech Inspection.

If 8.45 or higher, you will not be allowed to race that round.

No "Burn Off" Permitted

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

SPEC TIRE:

DE RACING GROOVED G6T

FRONT & REAR: #DER-G6G

INSERTS: DER-ISC-CCR

JCONCEPTS SWIPER

FRONT: #4043-01

REAR: #4043-02

SC BODY RULES:

Body Length, Width, and Height:

13" max body width

28" max length (bumper to spoiler)

7.5" max body height measured from bottom of chassis

Center deck:

1" max deck rake.

1" max center deck taper (widest point of the deck can only be 1" wider than the narrowest point of deck)

Spoiler:

1.5" max spoiler height

Spoiler end plate max 2" high off center deck and 3.25" long

Roof:

0.5" max roof rake measured from deck

Maximum Roof width 9"

Maximum Roof length 9"

No roof spoilers, a bend down at the trailing edge of the roof is allowed for strength

Roof side rails allowed but must have a scale appearance and be on both the left and right sides of the roof.

1/4" bend down at the leading edge of the roof allowed.

Roll cage/Roof Supports:

Roll cage/roof supports must be cut or formed to resemble a roll cage. No solid panel roof supports. Window netting and rock guards are allowed.

Nose:

Nose sides can extend a max of 1/4" above the plane of the nose panel

Nose sides can extend a max of 1/4" above the plane of the hood panel

Nose cannot extend past the inner edges of the front wheels

Main nose panel must be a flat plane. No concave or scooped noses allowed.

Rear wheel wells must be cut out to expose most of the rear wheel

Left and right windows and sails can be open as long as both sides are the same.

LATE MODEL:

DODC RULES APPLY- [CLICK HERE TO GO TO DIRT OVAL.COM FOR RULES](#)

MOTOR and ESC:

DODC Modified Motor Rules Apply

Any ESC is allowed in any mode.

BATTERY:

2 Cell HARD CASE Lipos. Do not need to be ROAR approved.

8.44 max voltage at Tech Inspection.

If 8.45 or higher, you will not be allowed to race that round.

No "Burn Off" Permitted

NO GYRO OR DRIVING DEVICES ALLOWED IN ANY CLASS.

410 SPRINT:

DODC RULES APPLY- [CLICK HERE TO GO TO DIRT OVAL.COM FOR RULES](#)

MOTOR and ESC:

DODC Modified Motor Rules Apply

Any ESC is allowed in any mode.

BATTERY:

2 Cell HARD CASE Lipos.

Do not need to be ROAR approved.

8.44 max voltage at Tech Inspection.

If 8.45 or higher, you will not be allowed to race that round.

No "Burn Off" Permitted

NO GYRO OR DRIVING DEVICES ALLOWED IN ANY CLASS.

360 SPRINT:

DODC RULES APPLY- [CLICK HERE TO GO TO DIRT OVAL.COM FOR RULES](#)

MOTOR and ESC: Hobby Wing Justock 13.5T Locked Timing & Hobby Wing Justock ESC

BATTERY:

2 Cell HARD CASE Lipos.

Do not need to be ROAR approved.

8.44 max voltage at Tech Inspection.

If 8.45 or higher, you will not be allowed to race that round.

No "Burn Off" Permitted

NO GYRO OR DRIVING DEVICES ALLOWED IN ANY CLASS.

MIDWEST MODIFIED:

DODC RULES APPLY: [CLICK HERE TO GO TO DIRT OVAL.COM FOR RULES](#)

BATTERY:

2 Cell HARD CASE Lipos.

Do not need to be ROAR approved.

8.44 max voltage at Tech Inspection.

If 8.45 or higher, you will not be allowed to race that round.

No "Burn Off" Permitted

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

MOTOR and ESC:

DODC MODIFIED MOTOR RULES APPLY

ANY ESC IN ANY MODE

BODY RULES

[MIDWEST MODIFIED BODY RULES](#)

STREET STOCK:

THIS CLASS IS INTENDED FOR BEGINNER TO INTERMEDIATE DRIVERS.

- NO SPONSORED RACERS IN THIS CLASS
- "SPONSORED MEANS YOU RECEIVED ANY DISCOUNT OR HELP FROM ANY COMPANIES, CHASSIS, BODIES, ELECTRONICS, TIRES ECT"

CHASSIS RULES:

- Any 1/10th scale buggy. Must be a factory based off-road buggy. Associated SR-10 Allowed
- Approved manufacturers are Associated, Losi, Traxxas, Schumacher, Kyosho, Durango, Team C, Xray, Yokomo, Hobao H2, Mugen.
- Chassis must remain stock, no aftermarket/non-oem upgrades except RPM Brand parts designed for the chassis.
- OEM Option parts sold by these companies designed for their cars are allowed. (Aftermarket Billet parts are permitted if they meet the exact geometry of the original OEM Product.)
- Big Bore and threaded OEM Shocks are allowed.

SPRINGS: They can be from any manufacturer in the RC Industry not only OEM.

Rear wheel drive only.

Mid or rear motor allowed.

Adjustable rear A arms are NOT allowed.

SPEC TIRE:

J CONCEPTS SPRINTERS

FRONT: #3134 REAR: #3133

INSERTS: FRONT: #3231 REAR: #3232

MOTOR:

- Open Motor and ESC

BATTERY:

- 2 Cell HARD CASE Lipos.
- Do not need to be ROAR approved.
- 8.44 max voltage at Tech Inspection.
- If 8.45 or higher, you will not be allowed to race that round.
- No "Burn Off" Permitted

NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

BODY:

- Must be closed windowed.
- Max 1" Spoiler measured from the deck. No End caps allowed.
- Body must include rear bumper.
- Approved Bodies are:
- Custom Works - Part #9002,9075
- J Concepts - Part #0395
- McCallister Racing - Part# 125, 134, 136, 159, 181, 182, 264, 268, 290, 292, 303, 306, 313, 318, 321,
- MR/Kustoms - Part #18SS1W, 17SSPW, 18SS1S, 17SSPS, KlaSSsh-23-KlaSShFAB, 23-KlaSShMC, 23-KlaSShWagon, KlaSSiK-23-KlaSSiKFAB, 23-KlaSSiKMC, 23-KlaSSiKWagon

- Shark RC Bodies - Part #001 - Hammerhead, #002 - Outcast, #003 - Wildcard, #004 - Dawg Pound. #005-Crazy Train, #006 - Shark Attack, #007 - Shark Mafia, #008 Shark Knockout, #009 Shark Ninja. #010 Smoke Screen,

12T MUD BOSS:

TRAXXAS SLASH or RAPTOR original chassis only (no LCG)

Any original TRAXXAS SLASH rubber tire/wheel/inserts (BFG / KUMHO / SPEC) any wheel combination of the SAME TIRE TYPE (ie..4 fronts, 4 rears, 3 front 1 rear...) *S1 compound is allowed*

Tire surface must show "thread Pattern" (no slick tires)

TRAXXAS 12t brushed motor AND XL5 esc ONLY (OEM motor connector only)

A single 30mm motor fan can be used

CHASSIS

- TRAXXAS 2wd (SLASH or RAPTOR) chassis only
- Original MFG suspension parts only, no other parts allowed (such as from RPM)
- Original MFG chassis parts only, no aftermarket hop-ups, no optional aluminium parts
- Front bumper, right side bumper and front body post brace must be removed
- Left side and rear bumpers can also be removed (if desired) **rear RPM bumper is allowed**
- TRAXXAS front optional bumper (TRA2735) can be used (angled down)
- Major alterations to the chassis or modification to drivetrain/suspension components is not allowed
- Electronics (rx/esc/amb) must be installed within chassis surface (no outside installation)
- Battery brace can be trimmed to allow different LiPo battery wire configuration

ELECTRONICS

- Original TRAXXAS 2075 servo
- TRAXXAS 2075x and 2075r (servos) AND TRAXXAS 2072x (gear set) are allowed as 'alternative' parts/servos
- The SAVOX SC-0252MG Digital Servo is allowed, this is an 'alternative' servo
- SAVOX gear set (SAVSGSC0251MG) can be used to 'upgrade' the TRAXXAS 2075 to metal gears
- it is allowed to 'pin' the servo saver(white) or bell crank(black)...be advised the servo gears might get broken under a heavy crash
- Original TRAXXAS plastic servo saver/bell crank only (white or black system) it is allowed to mix the components (ie.. using black servo horn with white bell crank)
- It is allowed to use a solid (one piece) servo horn (any brand)
- 2-cell 7.4v LiPo battery with a maximum of 5200mah and 50c, with external plug only (no "bullet type" connector)

ADJUSTMENTS

- TRAXXAS 76/83/86/90 spur with all transmission parts in place (slipper)
- Any pinion size
- No modifications can be made to the transmission's case (ie.. to allow a bigger gear ratio)
- The gear cover must be off at all times to allow for visual inspection (CARPET)...and removed if asked (DIRT)

- The only adjustments allowed to the car are those allowed by the original MFG components of the car
- You are allowed to use any original wheel spacer combination (Black, Grey or any combination of both types)
- Transmission functionality rule (motor can not spin while turning slowly one rear wheel a full turn)
- Traxxas SLASH *STEEL* transmission gears only (internal plastic transmission gears not allowed)
- Adding weight (in any way) is not allowed, wheel balancing is allowed (sole purpose of balancing, not to add weight)

SUSPENSION

- TRAXXAS 2WD plastic shocks only (grey or black version) (front shocks in front, rears in rear)
- Original Rear (TRAXXAS 5858) and Front springs (TRAXXAS 5857) (no LCG kit springs or aftermarket springs)
- Front springs may be cut in order to shorten them (no more than 5 round removed on ONE end)
- The shock's travel may be shortened with internal shims (ie..fuel tube or solid shims...)
- Original shafts in original cylinder (length and type in proper cylinder)
- Original pistons from kit only (original 1,2 or 3 hole), no modifications can be made to them
- No front bump stop suspension, a single original blue bump stop can be used per rear shock (not mandatory)
- No shimming allowed (to reduce slop in suspension parts)
- All suspension parts (such as A-Arms) must remain in original positions it was designed for (no swapping left to right)
- Rear camber links must remain in original height position (upper hole on shock tower not allowed)

U15 MUD BOSS:

15 Years of Age or Younger

TRAXXAS SLASH or RAPTOR original chassis only (no LCG)

Any original TRAXXAS SLASH rubber tire/wheel/inserts (BFG / KUMHO / SPEC) any wheel combination of the SAME TIRE TYPE (ie..4 fronts, 4 rears, 3 front 1 rear...) *S1 compound is allowed*

Tire surface must show "thread Pattern" (no slick tires)

TRAXXAS 12t brushed motor AND XL5 esc or TRAXXAS BL-2s™ ESC & BL-2s™ 3300 motor (OEM motor connector only)

A single 30mm motor fan can be used

CHASSIS

- TRAXXAS 2wd (SLASH or RAPTOR) chassis only
- Original MFG suspension parts only, no other parts allowed (such as from RPM)
- Original MFG chassis parts only, no aftermarket hop-ups, no optional aluminum parts
- Front bumper, right side bumper and front body post brace must be removed
- Left side and rear bumpers can also be removed (if desired) **rear RPM bumper is allowed**
- TRAXXAS front optional bumper (TRA2735) can be used (angled down)
- Major alterations to the chassis or modification to drivetrain/suspension components is not allowed
- Electronics (rx/esc/amb) must be installed within chassis surface (no outside installation)
- Battery brace can be trimmed to allow different LiPo battery wire configuration

ELECTRONICS

- Original TRAXXAS 2075 servo
- TRAXXAS 2075x and 2075r (servos) AND TRAXXAS 2072x (gear set) are allowed as 'alternative' arts/servos
- The SAVOX SC-0252MG Digital Servo is allowed, this is an 'alternative' servo
- SAVOX gear set (SAVSGSC0251MG) can be used to 'upgrade' the TRAXXAS 2075 to metal gears
- it is allowed to 'pin' the servo saver(white) or bell crank(black)...be advised the servo gears might get broken under a heavy crash
- Original TRAXXAS plastic servo saver/bell crank only (white or black system) it is allowed to mix the components (ie.. using black servo horn with white bell crank)
- It is allowed to use a solid (one piece) servo horn (any brand)
- 2-cell 7.4v LiPo battery with a maximum of 5200mah and 50c, with external plug only (no "bullet type" connector)

ADJUSTMENTS

- **TRAXXAS 90T spur with all transmission parts in place (slipper)**
- **16T pinion**
- No modifications can be made to the transmission's case (ie.. to allow a bigger gear ratio)

- The gear cover must be off at all times to allow for visual inspection (CARPET)...and removed if asked (DIRT)
- The only adjustments allowed to the car are those allowed by the original MFG components of the car
- You are allowed to use any original wheel spacer combination (Black, Grey or any combination of both types)
- Transmission functionality rule (motor can not spin while turning slowly one rear wheel a full turn)
- Traxxas SLASH *STEEL* transmission gears only (internal plastic transmission gears not allowed)
- Adding weight (in any way) is not allowed, wheel balancing is allowed (sole purpose of balancing, not to add weight)

SUSPENSION

- TRAXXAS 2WD plastic shocks only (grey or black version) (front shocks in front, rears in rear)
- Original Rear (TRAXXAS 5858) and Front springs (TRAXXAS 5857) (no LCG kit springs or aftermarket springs)
- Front springs may be cut in order to shorten them (no more than 5 round removed on ONE end)
- The shock's travel may be shortened with internal shims (ie..fuel tube or solid shims...)
- Original shafts in original cylinder (length and type in proper cylinder)
- Original pistons from kit only (original 1,2 or 3 hole), no modifications can be made to them
- No front bump stop suspension, a single original blue bump stop can be used per rear shock (not mandatory)
- No shimming allowed (to reduce slop in suspension parts)
- All suspension parts (such as A-Arms) must remain in original positions it was designed for (no swapping left to right)
- Rear camber links must remain in original height position (upper hole on shock tower not allowed)

13.5 MUD BOSS:

TRAXXAS Low CG chassis is allowed

Tire surface must show “thread Pattern” (no slick tires)

Any ESC in BLINKY mode (ROAR approved)

ROAR legal 13.5 sensed brushless motor (Stock 13.5 / Spec)

http://roarracing.com/approvals/print_brushlessmotors.php

CHASSIS

- TRAXXAS 2wd (SLASH or RAPTOR) chassis only
- Original MFG suspension parts only, no other parts allowed (such as from RPM)
- Original MFG chassis parts only, no aftermarket hop-ups, no optional aluminium parts
- Front bumper, right side bumper and front body post brace must be removed
- Left side and rear bumpers can also be removed (if desired) **rear RPM bumper is allowed**
- TRAXXAS front optional bumper (TRA2735) can be used (angled down)
- Major alterations to the chassis or modification to drivetrain/suspension components is not allowed
- Electronics (rx/esc/amb) must be installed within chassis surface (no outside installation)
- Battery brace can be trimmed to allow different LiPo battery wire configuration

ELECTRONICS

- Original TRAXXAS 2075 servo
- TRAXXAS 2075x and 2075r (servos) AND TRAXXAS 2072x (gear set) are allowed as ‘alternative’ arts/servos
- The SAVOX SC-0252MG Digital Servo is allowed, this is an ‘alternative’ servo
- SAVOX gear set (SAVSGSC0251MG) can be used to ‘upgrade’ the TRAXXAS 2075 to metal gears
- it is allowed to 'pin' the servo saver(white) or bell crank(black)...be advised the servo gears might get broken under a heavy crash
- original TRAXXAS plastic servo saver/bell crank only (white or black system) it is allowed to mix the components
- (ie.. using black servo horn with white bell crank)
- It is allowed to use a solid (one piece) servo horn (any brand)
- 2-cell 7.4v LiPo battery with a maximum of 5200mah and 50c, with external plug only (no “bullet type” connector)

ADJUSTMENTS

- TRAXXAS 76/83/86/90 spur with all transmission parts in place (slipper)
- Any pinion size
- No modifications can be made to the transmission’s case (ie.. to allow a bigger gear ratio)
- The gear cover must be off at all times to allow for visual inspection (CARPET)...and removed if asked (DIRT)
- The only adjustments allowed to the car are those allowed by the original MFG components of the car
- You are allowed to use any original wheel spacer combination (Black, Grey or any combination of both types)
- Transmission functionality rule (motor can not spin while turning slowly one rear wheel a full turn)

- Traxxas SLASH *STEEL* transmission gears only (internal plastic transmission gears not allowed)
- Adding weight (in any way) is not allowed, wheel balancing is allowed (sole purpose of balancing, not to add weight)

SUSPENSION

- TRAXXAS 2WD plastic shocks only (grey or black version) (front shocks in front, rears in rear)
- Original Rear (TRAXXAS 5858) and Front springs (TRAXXAS 5857) (no LCG kit springs or aftermarket springs)
- Front springs may be cut in order to shorten them (no more than 5 round removed on ONE end)
- The shock's travel may be shortened with internal shims (ie..fuel tube or solid shims...)
- Original shafts in original cylinder (length and type in proper cylinder)
- Original pistons from kit only (original 1,2 or 3 hole), no modifications can be made to them
- No front bump stop suspension, a single original blue bump stop can be used per rear shock (not mandatory)
- No shimming allowed (to reduce slop in suspension parts)
- All suspension parts (such as A-Arms) must remain in original positions it was designed for (no swapping left to right)
- Rear camber links must remain in original height position (upper hole on shock tower not allowed)

BL-2 MUD BOSS:

TRAXXAS SLASH or RAPTOR original chassis only (no LCG)

Any Original TRAXXAS SLASH rubber tire/wheel/inserts (BFG / KUMHO / SPEC) any wheel combination of the SAME TIRE TYPE (ie..4 fronts, 4 rears, 3 front 1 rear...) *S1 compound is allowed*

Tire surface must show "thread Pattern" (no slick tires)

TRAXXAS BL-2s™ ESC & BL-2s™ 3300 motor

A single 30mm motor fan can be used

CHASSIS

- TRAXXAS 2wd (SLASH or RAPTOR) chassis only
- Original MFG suspension parts only, no other parts allowed (such as from RPM)
- Original MFG chassis parts only, no aftermarket hop-ups, no optional aluminium parts
- Front bumper, right side bumper and front body post brace must be removed
- Left side and rear bumpers can also be removed (if desired) **rear RPM bumper is allowed**
- TRAXXAS front optional bumper (TRA2735) can be used (angled down)
- Major alterations to the chassis or modification to drivetrain/suspension components is not allowed
- Electronics (rx/esc/amb) must be installed within chassis surface (no outside installation)
- Battery brace can be trimmed to allow different LiPo battery wire configuration

ELECTRONICS

- Original TRAXXAS 2075 servo
- TRAXXAS 2075x and 2075r (servos) AND TRAXXAS 2072x (gear set) are allowed as 'alternative' arts/servos
- The SAVOX SC-0252MG Digital Servo is allowed, this is an 'alternative' servo

- SAVOX gear set (SAVSGSC0251MG) can be used to 'upgrade' the TRAXXAS 2075 to metal gears
- it is allowed to 'pin' the servo saver(white) or bell crank(black)...be advised the servo gears might get broken under a heavy crash
- original TRAXXAS plastic servo saver/bell crank only (white or black system) it is allowed to mix the components
- (ie.. using black servo horn with white bell crank)
- It is allowed to use a solid (one piece) servo horn (any brand)
- 2-cell 7.4v LiPo battery with a maximum of 5200mah and 50c, with external plug only (no "bullet type" connector)

ADJUSTMENTS

- TRAXXAS 76/83/86/90 spur with all transmission parts in place (slipper)
- Any pinion size
- No modifications can be made to the transmission's case (ie.. to allow a bigger gear ratio)
- The gear cover must be off at all times to allow for visual inspection (CARPET)...and removed if asked (DIRT)
- The only adjustments allowed to the car are those allowed by the original MFG components of the car
- You are allowed to use any original wheel spacer combination (Black, Grey or any combination of both types)
- Transmission functionality rule (motor can not spin while turning slowly one rear wheel a full turn)
- Traxxas SLASH *STEEL* transmission gears only (internal plastic transmission gears not allowed)
- Adding weight (in any way) is not allowed, wheel balancing is allowed (sole purpose of balancing, not to add weight)

SUSPENSION

- TRAXXAS 2WD plastic shocks only (grey or black version) (front shocks in front, rears in rear)
- Original Rear (TRAXXAS 5858) and Front springs (TRAXXAS 5857) (no LCG kit springs or aftermarket springs)
- Front springs may be cut in order to shorten them (no more than 5 round removed on ONE end)
- The shock's travel may be shortened with internal shims (ie..fuel tube or solid shims...)
- Original shafts in original cylinder (length and type in proper cylinder)
- Original pistons from kit only (original 1,2 or 3 hole), no modifications can be made to them
- No front bump stop suspension, a single original blue bump stop can be used per rear shock (not mandatory)
- No shimming allowed (to reduce slop in suspension parts)
- All suspension parts (such as A-Arms) must remain in original positions it was designed for (no swapping left to right)
- rear camber links must remain in original height position (upper hole on shock tower not allowed)

MIDGET:

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"

Width- Min 8.5" 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

Motor – Hobbywing 13.5T Justock Locked Timing

BATTERY:

- 2 Cell HARD CASE Lipos.
- Do not need to be ROAR approved.
- 8.44 max voltage at Tech Inspection.
- If 8.45 or higher, you will not be allowed to race that round.
- No "Burn Off" Permitted

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 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 are not allowed to 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 they are not allowed to stick past the cage sides.

Extra Panels - No molded or fabricated scoops, wings, or extra panels can be added to the car to create downforce. The panel in the cockpit area that is used on full size cars at the Chili Bowl is not legal.

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