

# 2023 SALVAS MUDboss CLASS rules

(effective October 1<sup>st</sup> 2023 (\*) added/modified rules)

## 1 BODIES (SalvasMUDboss only)

- 1.1 - Any minor modification to the body must be approved before being allowed
- 1.2 - It is allowed to 'brace' the rear traxxas body post mount for more rigidity (can use 2 extra screws only) and 'brace' the front portion of body posts. Front brace can be mounted on chassis or directly bolted on front portion of innerpanel (<https://tinyurl.com/26hjed2y>)
- 1.3 - The optional 'NEXTGEN' innerpanel is allowed and must be installed following the procedures posted on facebook/youtube (<https://tinyurl.com/3yjjzashs>)
- 1.3.1 - The NEXTGEN innerpanel rear spoiler must be mounted flat on the rear portion of the body and have a max of 1/2 inch above it

## 2 CHASSIS

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

## 3 ELECTRONICS

- 3.1 - Original TRAXXAS 2075 servo
- 3.2 - TRAXXAS 2075x and 2075r (servos) AND TRAXXAS 2072x (gear set) are allowed as 'alternative' parts/servos
- 3.2.1 - The SAVOX SC-0252MG and SC-0252MGP Digital Servo are allowed, these are an 'alternative' servo
- 3.2.2 - SAVOX gear set (SAVSGSC0251MG) can be used to 'upgrade' the TRAXXAS 2075 to metal gears
- 3.3 - 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
- 3.3.1 - 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)
- 3.3.2 - It is allowed to use a solid (one piece) servo horn (any brand)
- 3.4 - 2-cell 7.4v LiPo battery with a maximum of 5200mah and 50c, with external plug only \*\*350 gr max\*\*

## 4 ADJUSTMENTS

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

## 5 SUSPENSION

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

## 6 (\*) CARPET OVAL (PROSTOCK CLASS) SPECIFIC RULES

- 6.1 - TRAXXAS Low CG chassis is allowed
- 6.2.1 - TRAXXAS 12t brushed motor (NO PHYSICAL MODS ALLOWED TO MOTOR, MUST REMAIN AS OEM) AND XL5 esc ONLY (XL5 HV esc not allowed)
- 6.2.2 - (\*)TRAXXAS BL-2S combo brushless system (NO PHYSICAL MODS ALLOWED TO MOTOR, MUST REMAIN AS OEM)
- 6.3.1 - (\*)Street Stock body type that covers completely ALL 4 wheels (ie McAllister / Odd design / Shark / MrKustoms / Parma...)
- 6.3.2 - (\*)Maximum 1.5 inch rear spoiler without any end caps or wicker (no side spoiler and spoiler must be flat without folds)
- 6.3.3 - (\*)Front and rear body post brace of slash (or any type) can be used and modified
- 6.3.4 - (\*)Any front bumper can be used (ie Proline / McAllister...) with 2 body posts
- 6.4 - JACO tires (JAC2055LP) only \*\*can be trued\*\* (must keep its FULL WIDTH, it is allowed to round the edges)
- 6.5 - Plastic Wheel cap are allowed with a max dia of 3.125" and must be secured with a min of 2 screws/wheel
- 6.6 - You may use a bead of "CA" type glue or "tape" to the RIGHT FRONT tire side wall to reduce the car's aggressiveness
- 6.7 - (\*)NO tire additives allowed
- 6.8 - (\*)FIX gear ratio (to be set by tracks independently for motor type (BL-2S or 12t/xl5))
- 6.9 - all other rules specified earlier in sections 2-3-4-5 stays the same

## 7 CARPET OVAL (BIG BLOCK CLASS) SPECIFIC RULES

- 7.1 - TRAXXAS Low CG chassis is allowed
- 7.2 - ROAR legal 17.5 sensored brushless motor (Stock 17.5/Spec) [http://roarracing.com/approvals/print\\_brushlessmotors.php](http://roarracing.com/approvals/print_brushlessmotors.php) (\*) (approval date is set to October 1<sup>st</sup> 2023)
- 7.3 - a single motor fan can be used
- 7.4 - any ESC in BLINKY mode (ROAR software approved)
- 7.5 - JACO tires (JAC2055LP) only \*\*can be trued\*\* (must keep its FULL WIDTH, it is allowed to round the edges)
- 7.6 - Plastic Wheel cap are allowed with a max dia of 3.125" and must be secured with a min of 2 screws/wheel
- 7.7 - You may use a bead of "CA" type glue or "tape" to the RIGHT FRONT tire side wall to reduce the car's aggressiveness
- 7.8 - ODORLESS tire additives only (ie..SXT, J-DUB, PRP...)
- 7.9 - all other rules specified earlier in sections 1-2-3-4-5 stays the same

## 8 DIRT OVAL (SPORTSMAN CLASS \*ROOKIE\*) SPECIFIC RULES

- 8.1 - TRAXXAS SLASH original chassis only (no LCG)
- 8.2 - 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 ALLOWED where tracks allow tire additives\*
- 8.3 - Tire surface must show "thread Pattern" (no slick tires)
- 8.4 - No tire traction additives, Only a soft cleaner can be used for the sole purpose of cleaning the tire (ie..Simple Green)
- 8.5.1 - TRAXXAS 12t brushed motor (NO PHYSICAL MODS ALLOWED TO MOTOR, MUST REMAIN AS OEM) AND XL5 esc ONLY (XL5 HV esc not allowed)
- 8.5.2 - (\*)TRAXXAS BL-2S combo brushless system (NO PHYSICAL MODS ALLOWED TO MOTOR, MUST REMAIN AS OEM)
- 8.6 - \*\*GEAR RULE 16/90\*\*
- 8.7 - driver eligibility to be approved by local race committee (it is a BEGINNER'S class)
- 8.8 - all other rules specified earlier in sections 1-2-3-4-5 stays the same

## 9 DIRT OVAL (SPORTSMAN CLASS) SPECIFIC RULES

- 9.1 - TRAXXAS SLASH original chassis only (no LCG)
- 9.2 - 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 ALLOWED where tracks allow tire additives\*
- 9.3 - Race Track may allow tire traction additives
- 9.4 - Tire surface must show "thread Pattern" (no slick tires on any portion of it)
- 9.4.1 - You may use a bead of "CA" type glue or "tape" to the RIGHT FRONT tire side wall to reduce the car's aggressiveness
- 9.5.1 - TRAXXAS 12t brushed motor (NO PHYSICAL MODS ALLOWED TO MOTOR, MUST REMAIN AS OEM) AND XL5 esc ONLY (XL5 HV esc not allowed)
- 9.5.2 - (\*)TRAXXAS BL-2S combo brushless system (NO PHYSICAL MODS ALLOWED TO MOTOR, MUST REMAIN AS OEM) FIX gear ratio with this combo (to be set by tracks)
- 9.6 - all other rules specified earlier in sections 1-2-3-4-5 stays the same

## 10 DIRT OVAL (SMALL BLOCK CLASS) SPECIFIC RULES

- 10.1 - TRAXXAS SLASH original chassis only (no LCG)
- 10.2 - TRAXXAS SLASH "SPEC" rubber tire/wheel/inserts only, any wheel combination of those (ie..4 fronts, 4 rears, 3 front 1 rear...) (part# TRA5863-64-71-73-75) \*NO "S1" compound\*
- 10.3 - No tire traction additives, Only a soft cleaner can be used for the sole purpose of cleaning the tire (ie..Simple Green)
- 10.4 - Tire surface must show "thread Pattern" (no slick tires)
- 10.5 - ROAR legal 17.5 sensored brushless motor (Stock 17.5/Spec) [http://roarracing.com/approvals/print\\_brushlessmotors.php](http://roarracing.com/approvals/print_brushlessmotors.php) (\*) (approval date is set to October 1st 2023)
- 10.6 - spec SPEED CONTROLLER with no timing boost or profile option possible (ie TEKIN SPEC, HW Justock, NOVAK GTB(#)/Edge...or any other ESC that has no timing (boost) profile)
- 10.7 - all other rules specified earlier in sections 1-2-3-4-5 stays the same

## 11 DIRT OVAL (BIG BLOCK CLASS) SPECIFIC RULES

- 11.1 - TRAXXAS Low CG chassis is allowed
- 11.2 - 2 tire type allowed(no mix)PROLINE #10153-02/03(HOOSIER)AND #10231-03/17(HOTLAP)(oem blue inserts and any SC wheel)
- 11.3 - Tire surface must show "thread Pattern" (no slick tires)
- 11.4 - Race Track may allow tire traction additives
- 11.5 - any ESC in BLINKY mode (ROAR software approved)
- 11.6 - ROAR legal 13.5 sensored brushless motor (Stock 13.5/Spec) [http://roarracing.com/approvals/print\\_brushlessmotors.php](http://roarracing.com/approvals/print_brushlessmotors.php) (\*) (approval date is set to October 1st 2023)
- 11.7 - a single 30mm motor fan can be used
- 11.8 - all other rules specified earlier in sections 1-2-3-4-5 stays the same

## 12 (\*)DIRT OVAL (PROSTOCK CLASS) SPECIFIC RULES

- 12.1 - TRAXXAS Low CG chassis is allowed
- 12.2.1 - TRAXXAS 12t brushed motor (NO PHYSICAL MODS ALLOWED TO MOTOR, MUST REMAIN AS OEM) AND XL5 esc ONLY (XL5 HV esc not allowed)
- 12.2.2 - (\*)TRAXXAS BL-2S combo brushless system (NO PHYSICAL MODS ALLOWED TO MOTOR, MUST REMAIN AS OEM)
- 12.3.1 - (\*)Street Stock body type that covers completely ALL 4 wheels (ie McAllister / Odd design / Shark / MrKustoms / Parma...)
- 12.3.2 - (\*)Maximum 1.5 inch rear spoiler without any end caps or wicker (no side spoiler and spoiler must be flat without folds)
- 12.3.3 - (\*)Front and rear body post brace of slash (or any type) can be used and modified
- 12.3.4 - (\*)Any front bumper can be used (ie Proline / McAllister...) with 2 body posts
- 12.4 - 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 NOT ALLOWED \*
- 12.5 - (\*)No tire traction additives, Only a soft cleaner can be used for the sole purpose of cleaning the tire (ie..Simple Green)
- 12.6 - Tire surface must show "thread Pattern" (no slick tires on any portion of it)
- 12.7 - (\*)FIX gear ratio (to be set by tracks independently for motor type (BL-2S or 12t/x15))
- 12.8 - all other rules specified earlier in sections 2-3-4-5 stays the same

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\*\*\*anything not mentioned in the above rules will not be allowed, or must be approved beforehand\*\*\*