

Here is the 2017-2018 version of the SALVAS MUDboss rules (effective november 1st 2017)

*** updated (3.3.1 / 3.3.2 / 3.3.3 / 7 / 8.2 / 9.2 / 10) ***

1 Salvas MudBoss body only (2014, 2015, 2016 and 2017 version)

1.1 - Any minor modification to the body must be approved before being allowed

2 CHASSIS

- 2.1 - TRAXXAS 2wd (SLASH or RAPTOR) 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 - TRAXXAS Low CG chassis is allowed on CARPET / CLAY TRACKS (not mandatory)
- 2.8 - Electronics (rx/esc/amb) must be installed within chassis surface (no outside installation)
- 2.9 - Battery brace can be trimmed to allow different LiPo battery wire configuration

3 ELECTRONICS

- 3.1 - ROAR legal 13.5 sensored brushless motor (Modified / Stock / 13.5 Spec)
http://roarracing.com/approvals/print_brushlessmotors.php (approval date is set to August 1st 2017)
- 3.2 - spec SPEED CONTROLLER (no timing (boost) option possible...ie TEKIN GEN2 SPEC, HW XeRun XR10 Justock, NOVAK GTB(#)/Edge...or any other ESC that has no timing (boost) profile available)
- 3.3 - Original TRAXXAS 2075 servo
 - 3.3.1 - TRAXXAS 2075x (servo) AND TRAXXAS 2072x (gears) are allowed as 'alternative' parts/servo
 - 3.3.2 - The "SAVOX SC-0252MG Digital Servo" is allowed, this is an 'alternative' servo
 - 3.3.3 - SAVOX gear set (SAVSGSC0251MG) can be used to 'upgrade' the TRAXXAS 2075 to metal gears
 - 3.4 - 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!!!
 - 3.4.1 - original TRAXXAS plastic servo saver/bell crank only (white or black system) it is allowed to mix the components (ie.. black servo horn with white bell crank)
 - 3.4.2 - It is allowed to use a solid (one piece) servo horn (any brand)
 - 3.5 - 2-cell 7.4v LiPo battery with a maximum of 5200mah and 50c, with external plug only (no "bullet type" connector)

4 ADJUSTMENTS

- 4.1 - TRAXXAS 76/83/86/90 spur with all transmission parts in place (slipper)
- 4.2 - Any pinion size
- 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)
- 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 (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) (fronts 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)
- 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 must remain in original positions it was designed for
 - 5.9.1 - rear camber links must remain in original height position (upper hole on shock tower not allowed)

6 CARPET/CLAY OVAL SPECIFIC RULES

- 6.1 - TRAXXAS Low CG chassis is allowed
- 6.2 - JACO tires (JAC2055LP) only **can be trued**
- 6.3 - Plastic Wheel cap are allowed with a max dia of 3.125" and must be secured with a min of 2 screws/wheel
- 6.4 - You may use a bead of "CA" type glue or "tape" to the tire's side wall to reduce the car's aggressiveness
- 6.5 - ODORLESS tire additives only (ie..SXT, J/DUB, STICKY FINGERS, ...)
- 6.6 - all other rules specified earlier in sections 1-2-3-4-5 stays the same

7 CARPET OVAL SETUP SUGGESTION FOR 155' flat carpet with snowbird size ice

Ratio: 76 spur / 30 pinion (3.45" tires), 13.5 motor timing set at 50deg
Shocks position : inner holes on front A-arms, 2nd hole from outside RR, 4th hole from outside LR
4 rounds removed from LF spring / 3 rounds removed on RF spring
2-hole pistons on lefts, 1-hole on rights / 50 wt oil in LR,LF and 80wt in RF,RR / 0.700" limiter (fuel tube) in front shocks / 0.800" (fuel tube) limiter in rear shocks / Rear hub carrier hinge pin location : use the LOWER hole
"CA" glue on RF tire edge
Camber: LF 3 RF -1 LR 2 RR -2

8 LOOSE DIRT OVAL SPECIFIC RULES (SPORTSMAN CLASS)

- 8.1 - TRAXXAS SLASH or RAPTOR original chassis only (no LCG)
- 8.2 - any original TRAXXAS SLASH rubber tire/wheel/inserts, any combination of those (ie..4 fronts, 4 rears, 3 front 1 rear...) *NO "S1" compound*
- 8.3 - No tire traction additives, Only a soft cleaner can be used for the sole purpose of cleaning the tire (ie..Simple Green)
- 8.4.1 - **GEAR RULE 23/86 for 17.5 brushless motor**
- 8.4.2 - **GEAR RULE 16/90 for 12t brushed motor** (see rule 8.5.2)
- 8.5.1 - ROAR legal 17.5 sensored brushless motor (Stock 17.5 / Spec) http://roarracing.com/approvals/print_brushlessmotors.php (approval date is set to August 1st 2017)
- 8.5.2 - Traxxas 12t brushed motor with xl5 esc is allowed
- 8.6 - driver eligibility to be approved by local race committee (no cherry picking)
- 8.7 - all other rules specified earlier in sections 1-2-3-4-5 stays the same

9 LOOSE DIRT OVAL SPECIFIC RULES (MODIFIED CLASS)

- 9.1 - TRAXXAS SLASH or RAPTOR original chassis only (no LCG)
- 9.2 - TRAXXAS SLASH "spec" rubber tire/wheel/inserts only, any combination of those (ie..4 fronts, 4 rears, 3 front 1 rear...) (part# TRA5863-64-71-73-75) *NO "S1" compound*
- 9.3 - No tire traction additives, Only a soft cleaner can be used for the sole purpose of cleaning the tire (ie..Simple Green)
- 9.4 - **GEAR RULE 23/86**
- 9.5 - all other rules specified earlier in sections 1-2-3-4-5 stays the same

10 LOOSE DIRT OVAL SETUP SUGGESTION FOR loose dirt type oval (spec TRAXXAS rubber tires)

Shocks position : inner holes on front A-arms, 2nd hole from outside RR LR
4 rounds removed from front spring / 2-hole pistons / 15 wt oil in LR,RR and 10wt in LF,RF
0.600" limiter (fuel tube) in LF,RF and RR shocks / 0.400" (fuel tube) limiter in LR shocks
Rear hub carrier hinge pin location : use the UPPER hole
Camber: LF 6 RF -2 LR 3 RR -3



anything not mentioned in the above rules will not be allowed, or must be approved beforehand
RULES ARE SIMPLE, THIS CLASS IS MEANT TO BE 'SPEC' AND ALLOWS FOR CLOSE COMPETITION ON EQUAL GROUNDS FOR ALL. THIS CLASS IS ALSO MEANT TO SHOWCASE THE BEST DRIVER AND ALLOW FOR FUN! NO SECRETS OR 'VOODOO'. IF YOU WANT TO HIDE YOUR CAR OR RUN SOMETHING THAT COMPETITORS CAN'T RUN, THIS IS NOT THE CLASS FOR YOU. IF YOU WANT TO HAVE FUN IN A CLASS WHERE DRIVER AND SETUP ABILITY IS KING, YOU HAVE FOUND THE RIGHT DIVISION.