



Mudboss

Traxxas Slash 2WD short course truck; standard chassis, no low COG; all stock parts in stock locations

AL caps optional; stock front and rear springs only, may cut up to 5 rounds off one end of fronts

Salvas Mudboss body or dimensionally identical copy; NEXTGEN inner panel optional

Titan 12T brushed motor and XL5 ESC; must retain the motor wire plugs

Any spur with any pinion gear

2S 7.4V lipo battery, maximum rating 5200 mah and 50C, external plug connector (no bullets)

Any Traxxas off-road tire/wheel/insert; same tread pattern on all four corners; any compound

Intent

All PWR Dirt Oval Series races will run under the current rules at the time of the race. Class rules are a work in progress and will be amended as needed. First and foremost, it is the SPIRIT of these rules the completely describe what you can do in this class. If it doesn't say you can, assume that you cannot.

Chassis

- TRAXXAS 2wd Slash or Raptor chassis, no LCG chassis
- Original MFG suspension parts only, Traxxas HD parts are Permitted, no other parts allowed (such as from RPM)

- Original MFG chassis parts only, Traxxas HD Parts are permitted, 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 if angled down
 - Alterations to the chassis or modification to drivetrain/suspension components is not allowed
 - Electronics (receiver, ESC & transponder) must be installed within chassis surface
 - Battery brace can be trimmed to allow different LiPo battery wire configurations
- MudBoss Rules Rev.0 02/4/24 2

Electronics

- Traxxas 12t brushed motor and XL5 ESC OR Traxxas BL-2S Brushless Power System
- Optional 30mm motor fan allowed
- Open gearing: any Traxxas spur gear, any pinion allowed
- Servo must comply with Salvus Mudboss rules: TRX2075, optionally with Savox metal gears; SAVOX SC0252MG
- Original TRAXXAS plastic servo saver / bell crank or solid servo horn allowed; servo saver can be immobilized
- Any solid servo horn and servo steering rod can be used.
- 2-cell 7.4v LiPo battery with a maximum of 5200mah and 50c, with external plug (no bullets)
- No overcharging batteries, MAXIMUM charge voltage of 8.42v

Adjustments

- Any original Traxxas Slash bearings can be replaced by any type/brand of bearings
- No modifications can be made to the transmission's case (i.e., to allow a bigger gear ratio)
- The gear cover must be removed if asked
- The only adjustments allowed to the car are those allowed by the original MFG components of the car
- You are allowed to use any combination of black and gray Traxxas wheel hexes in any position
- Transmission functionality rule: motor cannot spin while turning slowly one rear wheel a full turn
- No Traxxas Magnum 272R transmissions or parts allowed. Only legal transmission is Traxxas 272 with original gears
- Traxxas Slash *STEEL* transmission gears only; plastic gears not allowed
- Adding weight is not allowed except for the specific purpose of wheel balancing

Suspension

- Traxxas 2WD plastic shocks only (grey or black version), fronts in front, rears in rear
- Original rear (TRAXXAS 5858) and front springs (TRAXXAS 5857) only
- Front springs may be shortened by no more than five rounds on ONE end
- The shock's travel may be shortened with internal shims

- Front shocks may only use the stock front shafts, rear shocks may only use the stock rear shafts
- 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 optionally be used per rear shock
- No shimming to reduce slop in suspension parts allowed
- 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

Bodies

- Mudboss bodies only, Salvas or copy, but they must meet standard Salvas Mudboss body dimensions and appear to be a Salvas body from three feet away
- Any minor modification to the body must be approved before being allowed.
- The optional "NEXTGEN" inner panel is allowed and must be installed following the procedures posted on Facebook/YouTube <https://tinyurl.com/3yjazshs> The NEXTGEN inner panel rear spoiler must be mounted flat on the rear portion of the body and have a max of 1/2 inch above it
- Bodies may be painted or wrapped, all bodies must be painted or wrapped to be legal for racing. Only the decking and rear spoiler may be left clear. Clear bodies will not be allowed
- No additional drilling to lighten the body. Stainless steel screws, nylon screws or pop rivets may be used to fasten the body together.

Tires

- Any original TRAXXAS 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*
- Traxxas front and rear offset rims may be used in any combination and position on the vehicle
- Primary tread pattern must be visible across the width of each tire