

# 13.5 MUDBOSS

### **BODY**

- 1. Any Mudboss Body in Production (Salvas, GT, J-Body, Raptor, etc.)
- 2. Any minor modifications to the body must be approved before being allowed.

### **CHASSIS**

- 1. Traxxas 2WD Slash chassis Low Center Gravity or High Center Gravity allowed.
- 2. Original Traxxas MFG suspension parts only, no others allowed (RPM, etc)
- 3. Original Traxxas Chassis parts only. No aluminum upgraded parts allowed.
- 4. Front bumper, Right side bumper and front body post brace must be removed. Left side and rear bumpers may also be removed.
- 5. Must have a rear bumper. RPM, Raptor or others are allowed.
- Traxxas front bumper (TRA2735) may be used, must be angled down.
- 7. Major alterations to the chassis modification to drivetrain/suspension component is not allowed.
- 8. Electronics must be installed within chassis surface and secured.

# **SERVO**

- 1. Traxxas (TRA2075) Servo is allowed
- 2. TRA2075X servo and TRA2072X gears are allowed as "alternative" parts servo
- 3. SAVOX SC-0252MG is allowed as "alternative servo
- 4. SAVSGSSC0251MG gear set may be used to "upgrade" the Traxxas servo
- 5. Original Traxxas White Servo Saver or Black Bell Crank may be used and components may be mixed.
- 6. Solid single piece servo horn is allowed. Aluminum is allowed.

#### **BATTERY**

- 1. 2 cell 7.4v LiPo battery with a maximum of 5200mah and 50c
- 2. External plug only no "Bullet Type" connectors

#### **ADJUSTMENTS**

- 1. TRAXXAS 76/83/86/90 spur with all transmission parts in place (slipper)
- 2. Any pinion size
- 3. No modifications to transmission case
- 4. The gear cover must be off at all times to allow for inspection
- 5. Traxxas grey and black hex hubs may be used in any combination
- 6. Transmission functionality rule (motor can not spin while slowly turning 1 rear wheel a full turn.)
- 7. Traxxas Slash Steel transmission gears only (internal plastic transmission gears not allowed)
- 8. Adding weight (in any way) is not allowed.
- 9. Wheel balancing is allowed (sole purpose of balancing, not to add weight)

### **SUSPENSION**

- 1. TRAXXAS 2WD plastic shocks only (grey or black) (fronts in front, rears in rear)
- Original Rear TRA5858 and Front TRA5857 springs. No aftermarket or LCG kit springs.
- 3. Front springs may be cut no more than 5 rounds removed on one end only.
- 4. The shock's travel may be limited by using internal shims.
- 5. Original shafts in original cylinder (Length and type in proper cylinder)
- 6. Original pistons from kit only (1,2 or 3 hole) no modifications may be made
- 7. No front bump stop suspension, a single original blue bump stop may be used on rear if desired
- 8. No shimming allowed (to reduce slop in suspension parts)
- 9. All suspension parts (Such as A Arms) must remain in original height position (upper hole on shock tower not allowed)
- 10. Rear camber links must remain in the original position (upper hole on shock tower not allowed)

# **MOTOR**

- 1. Any ESC in "Blinky" Mode (ROAR Approved)
- 2. ROAR Legal 13.5 sensored brushless motor (Stock 13.5/Spec)
- 3. A single 30mm fan may be used.

# TIRES/WHEELS

1. Any SC wheel and tire combination



3. Tire tread must show pattern (No slicks)

Rules may be changed or updated at any time. It is the participants responsibility to be up to date on the current rules.

Updated 3/5/2024