



## SUPER STOCK RACING SERIES



## OFFICIAL 2022 SUPER STOCK RACING SERIES RULES PACKAGE

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# Welcome to the OFFICIAL 2022 SUPER STOCK RACING SERIES RULES PACKAGE

## 1. OVERVIEW

- 1.1. The Super Stock Racing Series was created with the sole purpose of establishing a common set of rules for use around the country, and world-wide, to foster a balanced class for all ages and abilities of racers to enter and compete.

The series is built around the TRAXXAS 2WD Slash platform, with the emphasis of short track oval racing. The series was developed by John Barnett, Jason Herring, and in conjunction with Hot Rod Hobbies.

- 1.2. General statement:

1.2.1. If these rules do not specifically say you are **ALLOWED** to do something, then you are **NOT ALLOWED** to do it.

## 2. TECHNICAL RULES

### 2.1. CHASSIS

- 2.1.1. TRAXXAS 2WD Slash stock/OEM chassis or LCG chassis are allowed; no other chassis options.
- 2.1.2. FULL rear bumper **MUST** be used (RPM rear bumper is allowed, see 2.1.3.4.).
- 2.1.3. RPM upgrades allowed:
  - 2.1.3.1. RPM Front Caster Blocks: #RPM80712
  - 2.1.3.2. RPM Front Bearing Carriers: #RPM80372
  - 2.1.3.3. RPM Rear Bearing Carriers/Hubs: #RPM80382
  - 2.1.3.4. RPM Rear Bumper: #RPM81002 (BLACK), #RPM81003 (CHROME), #RPM81005 (BLUE), #RPM81007 (PINK)
- 2.1.4. Transmission case **MUST** remain stock.
  - 2.1.4.1. Plastic internal gears are **NOT** allowed.
  - 2.1.4.2. RPM transmission case is **NOT** allowed.
- 2.1.5. Transmission Functionality Clause
  - 2.1.5.1. The motor **CANNOT** spin while slowly turning one rear wheel, one full turn.
- 2.1.6. The stock 90t spur gear **MUST** be used.
- 2.1.7. Pinion gears allowed: 16t through 20t.
- 2.1.8. Adjustable rear arms are **NOT** allowed.
- 2.1.9. Aluminum parts, other than shock caps, are **NOT** allowed.
- 2.1.10. Allowable chassis changes:
  - 2.1.10.1. Camber
  - 2.1.10.2. Front Toe (in/out)
  - 2.1.10.3. Ride Height
  - 2.1.10.4. Shock Oil
  - 2.1.10.5. Shock Pistons
  - 2.1.10.6. Shock Limiters (both internal and external)
  - 2.1.10.7. Shock Spring Pre-Load
  - 2.1.10.8. Shock Mounting Locations (within the stock/OEM options)
  - 2.1.10.9. Battery Mounting Location, front-to-rear (within the stock/OEM options/locations)
- 2.1.11. A-Arms, both front and rear, must remain stock, and in their original mounting orientation and position.
- 2.1.12. Weight minimum: NONE.
- 2.1.13. Weight maximum: NONE.
  - 2.1.13.1. NOTE: additional weight is **NOT** allowed.
- 2.1.14. TRAXXAS aluminum shock caps are allowed. (ARE THESE THE CORRECT NUMBERS BELOW?)
  - 2.1.14.1. #TRA3767A (BLUE), #TRA3767G (GREEN), #TRA3767P (PINK), #TRA3767T (ORANGE), #TRA3767X (RED),
- 2.1.15. Stock/OEM TRAXXAS 2WD Slash shocks **MUST** be used.
  - 2.1.15.1. Grey/Gray or Black versions are **BOTH** allowed.
  - 2.1.15.2. Shock components are only allowed in their original locations; e.g. front shock bodies and front shock shafts are only allowed to be used on the front end of the chassis. Likewise, rear shock bodies and rear shock shafts are only allowed to be used on the rear end of the chassis.
- 2.1.16. Springs:
  - 2.1.16.1. TRAXXAS 2WD Stock/OEM springs **ONLY** are allowed.
    - 2.1.16.1.1. Front Spring: #TRA5857, #TRA5857P (PROGRESSIVE)
    - 2.1.16.1.2. Rear Spring: #TRA5858, #RA5858P (PROGRESSIVE)

## 2.2. BODY

2.2.1. ANY full bodied stock car made specifically for the TRAXXAS Slash or SCT is allowed.

2.2.1.1. EXAMPLES: Shark RC Bodies, ODD Design (available through McAllister Racing)

2.2.1.2. *NOTE: It is anticipated that bodies for this class of racing will be released in the coming year; both from companies currently producing bodies for this class, as well as other companies looking to enter the class.*

## 2.3. SPOILER and AERO COMPONENTS

2.3.1. SPOILER: no more than 1.500" from the deck lid.

2.3.2. Additional side dams or supports are **NOT** allowed (e.g. only a spoiler is allowed).

2.3.3. Decking (removal of the windows and replacing with a flat piece in the greenhouse) is **NOT** allowed.

2.3.4. Windows are **NOT** allowed to be cut-out.

## 2.4. TIRES

2.4.1. Allowable Tires and Wheels:

2.4.1.1. Stock/OEM TRAXXAS 2WD Slash kit tires

2.4.1.2. DURATRAX SpeedTreads, **PRE-MOUNTED ONLY:**

2.4.1.2.1. DURATRAX SpeedTreads Upshot

2.4.1.2.1.1. Front: #DTXC2952 (RED/CHROME WHEEL)

2.4.1.2.1.2. Front: #DTXC2934 (BLACK WHEEL)

2.4.1.2.1.3. Rear: #DTXC2953 (RED/CHROME WHEEL)

2.4.1.2.1.4. Rear: #DTXC2935 (BLACK WHEEL)

2.4.1.2.2. DURATRAX SpeedTreads Robbers

2.4.1.2.2.1. Front: #DTXC2943 (RED/CHROME WHEEL)

2.4.1.2.2.2. Front: #DTXC2928 (BLACK WHEEL)

2.4.1.2.2.3. Rear: #DTXC2944 (RED/CHROME WHEEL)

2.4.1.2.2.4. Rear: #DTXC2929 (BLACK WHEEL)

2.4.2. Grinding and/or Grooving of tires is **NOT** allowed.

2.4.3. Tire Sauce/Preparation

2.4.3.1. Use of tire sauce or tire preparation compounds is allowed under the direction/discretion of the host track.

2.4.4. Taping of tires is **NOT** allowed.

## 2.5. ELECTRONICS

2.5.1. TRAXXAS 2WD Slash stock/OEM XL-5 ESC, #TRA3018R, **MUST** be used.

2.5.2. TRAXXAS 2WD Slash stock/OEM Receiver **IS** allowed to be changed/removed/swapped to accommodate an individual racer's radio system.

2.5.3. TRAXXAS Titan 12T 550 Brushed Motor, #TRA3785, **MUST** be used.

2.5.3.1. Altering or tampering with the motor is **NOT** allowed.

2.5.3.1.1. Racers found to have altered or tampered with their motor will be immediately disqualified.

2.5.4. TRAXXAS 2WD Slash stock/OEM steering servo, #TRA2075, **MUST** be used.

2.5.4.1. Metal servo gears are **NOT** allowed.

## 2.6. BATTERY

2.6.1. Any full-size ROAR legal 2S, hard case battery, with a MAXIMUM capacity of 5500mah, with ANY C rating, and with a retail cost of \$50 or less, is allowed.

2.6.2. Shorty packs are NOT allowed; period.

2.6.3. Battery MUST remain in the center channel of the chassis.

2.6.4. Battery is allowed to be moved forward and backward within the center channel of the chassis.