

# Freeport SuperStox Racing Series Car Rules

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## 1.0 AXLES

1/8th solid steel axles. Axle length may be shortened.

1.1 No independent front axles, however front tires may spin independently.

1.2 Rear Carrier

Brass axle bushings or oilites. No Ball Bearings, Offset Bushings, or button style adjustable bushings. Oilites or bushings outer diameter must fill diameter of rear carrier holes.

1.3 Front Carrier

No Bushings or bearings of any kind in Front Carrier. Axles maybe placed in the front or rear axle holes on the front axle carrier depending on the wheel base of the body.

1.4 Axle Spacers

Any type, but car width may not exceed 3 inches.

## 2.0 CHASSIS

2.1 Braid

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Parma Big Mama or similar

## 2.2 Guide

The Blade or similar, ground down per track general comp rules

## 2.3 Allowable Chassis

- Parma 1/32 Womp-Womp Steel Chassis - #572
- Parma 1/32 Womp-Womp Brass Chassis - #573
- Champion 1/32 THUMPER/LEGENDS Chassis - #401CH
- Champion 1/32 MODIFIED Chassis - #402CH
- Rigger 1/32 inline chassis - #RG5003

## 2.4 Modifications

### 2.4.1 Weight removal

Chassis may NOT be drilled, lightened, reinforced, etc. Outer dimensions may not change from stock dimensions. Wheelbase may not be altered.

### 2.4.2 Weight addition

Weight can be added to car for handling. Weight must be located on the top side of chassis.

### 2.4.3 Bracing

Motor mount bracing may be done with 1/16 brass rod or piano wire.

Axle tube may be placed between the front axle carrier uprights. The axle must run through the axle tube.

### 2.4.4 Car width

Tread width is a maximum of 3 inches. Car must fit freely inside the tech template. If the car needs to be squeezed into tool car is too wide and must be narrowed.

### 2.4.5 Ride Height

As long as the chassis and crown gear do not touch the tech plate and they do not drag on the track surface the ride height is legal.

If a sheet of paper is passed under the front wheels when the car is on the track, the wheels must turn.

### 2.4.6 Body Mounts

No drilling rule does not apply to body mounts. Screw holes may be drilled for the purpose of attaching L brackets to the chassis for mounting the body.

### 2.4.7 Inclusivity

No other modifications to chassis are allowed

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## 3.0 MOTOR

Must be secured with at least one motor screw - hot glue or solder

3.1 Allowable Motors, stock, should not be opened

- SLICK7 Mini Brute - #S7588 or S7-588B
- Pro Track Cheetah II - #PRO416
- Kelly Racing Bullet - KE532
- JK Falcon 1 – OOP
- JK Falcon 2 - #JK3020
- JK Falcon 4 - # JK30202
- H&R Hawk - # HRHM1
- SSS500 – The Small Block

3.2 Wires

Single wires, any brand

## 4.0 WHEELS/TIRES

4.1 Rear

1/8" Axle 13/16" through 7/8" Dia

4.2 Front

1/8" Axle 3/4" through 7/8" Dia by .500" Wide

4.3 Treatments

No glues may be used. No oils may be used (wintergreen, etc.). Acceptable fluids/treatments include creams, lotions, household softener, lighter fluid. Others need approval. No tire treatment should leave a residue on the track. Please blot your tires before putting the car on the track. Failing to do so may incur a race penalty. Tires may be silicon coated.

## 5.0 GEARS

48 pitch Crown Gear (1/8" Axle) 48 Pitch x 26-32 Tooth and any 48 pitch Pinion

## 6.0 BODIES

This list is complete. To run any other body, get prior approval. All bodies must be true scale, as opposed to sized for a Womp. Bodies may be from kits, other slot car manufacturers, or aftermarket body manufacturers. They can be hard or flexible plastic.

6.1 Manufacturers/Models

6.1.1 AMC

AMX, Gremlin (not drag), Javelin

6.1.2 Chevrolet

Camaro, 1965 and older Chevelle, Monza, Vega (must be stock, not drag)

6.1.3 Ford

1969 and older Mustang, Falcon (American),

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## 6.1.4 Dodge

Aspen, Dart

## 6.1.5 Pontiac

Firebird, Ventura

## 6.1.6 Plymouth

1969 and older Barracuda, 1962 Fury, Swinger, Valiant, Volare

## 6.2 Modifications

- Wheel wells must be opened up to fit tires within reason
- Body must have an interior
- Windows must be clear or removed
- Bodies must be painted and look finished, with roof and side numbers
- No Wings, spoilers, or other down force devices may be added to the body.
- NOTE – Bodies narrower than the chassis should be mounted inboard with L brackets, and not stretched.