

# SCORA Modified, Super Modified, SuperStox Car Rules

1.0	Axles.....	2
1.1	Rear Carrier .....	2
1.2	Front Carrier .....	2
1.3	Axle Spacers.....	2
2.0	Chassis.....	2
2.1	Braid .....	2
2.2	Guide .....	2
2.3	Allowable Chassis .....	2
2.4	Modifications are allowed, including: .....	2
2.4.1	Weight removal .....	2
2.4.2	Weight addition .....	2
2.4.3	Bracing .....	2
2.4.4	Car width .....	2
2.4.5	Ride Height.....	2
3.0	Motor.....	3
3.1	Allowable Motors, stock, should not be opened.....	3
3.2	Wires .....	3
4.0	Wheels/Tires.....	3
4.1	Rear .....	3
4.2	Front .....	3
4.3	Treatments .....	3
5.0	Gears.....	3
6.0	Bodies.....	3
6.1	Modifieds .....	3
6.2	Supper Modified.....	3
6.3	SuperStox .....	3
6.3.1	Scope .....	3
6.3.2	Source.....	4
6.3.3	Modifications.....	4

# SCORA Modified, Super Modified, SuperStox Car Rules

## 1.0 AXLES

### 1.1 Rear Carrier

Oilites or bushings outer diameter must fill diameter of rear carrier holes.

### 1.2 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, or in a custom mount.

### 1.3 Axle Spacers

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

## 2.0 CHASSIS

### 2.1 Braid

Any standard commercial braid (TQ Racing, Parma, JK, etc.)

### 2.2 Guide

Any commercial guide (JK, Parma, etc.), ground down per track general comp rules

### 2.3 Allowable Chassis

Any chassis where the car width does not exceed 3 inches, and the wheelbase is between 2.875" and 3.5"

### 2.4 Modifications are allowed, including:

#### 2.4.1 Weight removal

Chassis may be drilled, lightened, reinforced, etc

#### 2.4.2 Weight addition

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

#### 2.4.3 Bracing

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

Axle tube maybe placed between the front axle carrier uprights. The axle must run through the axle tube. Bodies may not be altered to accommodate this.

#### 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.

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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

- FK130 (JK Hawk MB, Falcon, SRP, etc.), S Can, and similar not exceeding 75000 rpm

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 13/16" Dia by minimum .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. Local track rules may be more restrictive, but not less. SCORA racing is "no-glue" racing

## **5.0 GEARS**

No restrictions

## **6.0 BODIES**

6.1 Modifieds

These use Reality Raceway and NY Modifieds bodies. Other similar brands by approval.

6.2 Supper Modified

These use Reality Raceway and NY Modifieds bodies. Other similar brands by approval. Modifications

6.3 SuperStox

6.3.1 Scope

1960 – 1986 American compact and mid size

# SCORA Modified, Super Modified, SuperStox Car Rules

## 6.3.2 Source

Boss Bodies, plastic kits, resin (RMS for example) plastic bodies from 1/32 slot cars

## 6.3.3 Modifications

- Wheel wells must be opened up to fit tires within reason
- Body must have an interior with 3D driver
- Windows must be clear or removed – must keep windshield
- 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.