

# 4-1/2" NASCAR

## Body:

1. Any commercially available, fully **painted**, 4-1/2" NASCAR body.
2. Must have 3 painted or decal numbers.
3. Maximum rear spoiler height of 1-5/8" tall, measured from the tech block.
4. **Minimum rear panel of 1-3/16". Measured down from spoiler.**
5. Minimum 1/8" front bumper. Bodies without bumpers will need to have the front splitter visible
6. Body must cover entire chassis. Tape or Lexan reinforcement encouraged.
7. Full **3-D** interior required.
8. Wheel wells must be fully cut out, wheel and tire must be visible.

## Chassis:

1. Any commercially available 4-1/2" wheel base stamped/formed steel chassis allowed.
  - a. May change to aluminum pans.
2. **Minimum weight: 100 grams.**
3. May brace chassis. Steel guide reinforcement allowed, original guide may not be removed or modified in any way.
4. Motor must be soldered in or securely fastened. Motor bracing allowed when using one 1" long piece of piano wire.
5. No other chassis modifications.

## Gears, Axles, & Wheels:

1. 1/8" or 3/32" solid steel axles only.
2. Open pitch gearing.
3. Must use rear axle bushings, **no** ball bearings.
4. Front wheels must be minimum .400" width, .740 diameter: fronts may be independent for rotation.
5. Black foam rubber front and rear tires only.
6. Front chassis clearance of .015" while resting on the front tires. Guide flag will be off the tech board.
7. Rear chassis clearance of .050".
8. Maximum front & rear width is 83mm.

## Lead Wires:

1. No magnet wire or magnet type wire allowed.
2. Guide clips are allowed.
3. May add wire retainers.

## Motor:

1. Pro Slot #4002FK **ONLY**.
2. May change brushes and springs.
3. Seal must be present and original.
4. Commercially available heat sinks allowed.

**\*\*If not stated in these rules that it IS allowed, then it is NOT LEGAL!\*\***