

# PNW AMCA 2009 RULES

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PACIFIC NORTHWEST AMERICAN  
MICRO CAR ASSOCIATION (A.M.C.A.)

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## Rule Book

# PNW AMCA RULES WITH ADDED CLASSES

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**Any text in red is FunTime Slotcar & Raceway House Rules**

These rules are for the Pacific Northwest American Micro Car Association (PNW AMCA) and are not superseded by any other rules.

## RACING RULES

1. Profanity or abusive language will not be tolerated. The race director will enforce this rule.
2. Repair on cars are allowed during the race but must be done when track power is on. When the track power is off no work is allowed on cars.
3. Cars must remain at the track during lane changes. Exceptions; when car is already in the pit area.
4. A racer may check car, straighten guide, straighten body, replace braid and replace or push in pins during lane changes. No other work is allowed.
5. Track calls:
  1. Braid up
  2. Power failure (one or all lanes)
  3. Debris in slot
  4. Unmarshalable car
  5. Lap counter or track equipment failure
  6. Braid may be reset and bodies straightened during track calls - no other work allowed.
6. If you race, you must turn marshal!
7. **HOUSE RULE ADDITION-Protests, concerns, ideas, rule changes will be handled by the track owner via a process of his choice and may involve financial, lap count, and/or racer suspension penalties.**

## GENERAL RULES

### Bodies:

1. All cars must resemble full sized race cars with three numbers and a scale three dimensional painted interior with driver. Parma #808 interior recommended.
2. All cars must be painted so that the chassis is not visible. Wheel wells front and rear must remain clear or cut out. Exception; when real car raced with rear wheel skirts.
3. No additional airfoils allowed unless a picture is provided to show that the real car raced in that configuration.
4. The following "Ultimate" G.T.P. *scale* bodies allowed:  
Outisight:Mercedes 066i, Bentley 068, Cadillac 077i  
Parma:Magnum 70505  
BPA:BMW, Porsche, Bentley

### **A. HOUSE RULE ADDITION-Other manufacturer's bodies will be considered**

The bodies listed above ARE legal for PNW AMCA races.  
All new bodies must be approved by PNW AMCA in the future.

### Motors:

Motor may be notched for axle clearance for angle wider/side winder applications.

### Width:

No car may exceed 3.25 inches excluding body pins.

### Clearance:

1. Gear must be level or above chassis.
2. No other restrictions.

### Wheels:

1. All tires must be black in color.
2. Front wheels may be mounted on bodies unless otherwise noted
3. Any width front wheels allowed, unless otherwise noted.

### Guide:

All classes must use only one guide.

### Wires:

All classes may use "earring clips" to secure lead wires.

### Gears:

Open.

### Lead:

Lead may be used to ballast cars.

## CLASS RULES

### 1/24 LMP

**Motors:**

1. Only JK "Falcon" or Slick-7 motor is allowed.
2. No modifications are allowed.
3. Motor may be soldered into chassis.

**Chassis:**

1. Only mass-produced 4" "Flexi" style chassis allowed.
2. Pin tubes may be added and chassis may be braced.
3. Only bushings allowed - no ball bearings.
4. Pan movement may be increased or restricted.
5. Front wheel towers may be trimmed for lead wire clearance. Front axle is not required.
6. Rear tire width may not exceed .810".
7. No other modifications allowed.

**Bodies:**

Only JK GT1 and Prototype LMP bodies are allowed for amateur racing.

**A. HOUSE RULE-Any manufacturer's low downforce LMP/GT1 body is acceptable.**

### 1/24 European Sedan

**Motors:**

Same as Amateur LMP.

**Chassis:**

Same as Amateur LMP.

**Bodies:**

Only JK European Sedan and Rally bodies are allowed.  
Body must retain some discernible front and rear bumper.

### 1/24 Vintage Sports Car

**Motors:**

1. Only Pro Slot Euro MK1 is allowed.
2. All armatures must Group 12 or less.
3. Armature may be reconditioned.
4. Magnets must be original PS Euro MK1 magnets.
5. Shunt wires and insulation is allowed.
6. Magnets may be glued and honed.
7. Can or end bell may be replaced with a ball bearing.

**Chassis:**

1. Any Brass and Wire Chassis.
2. Steel chassis not allowed.
3. Guide tounge, pillow blocks and motor braces may be steel.

**Bodies:**

1. Only Vintage Sports Car are allowed.

The following Vintage *scale* bodies allowed:

JK: Ti-22 JK7081, Lotus 40 JK7090, Porsche 917 JK7084, Porsche 908 JK7085, Ferrari 312 JK7089, GT-40 JK7082

2. Cut line on body must be adhered to behind rear wheel well.
3. Front must have a visible lip. If body has radiator opening a portion must show.
4. No Blade bodies allowed.
5. A clear maximum 1/2 rear spoiler may be attached to rear only.

**A. HOUSE RULE-Other manufatureer's bodies will be considered.**

### 1/24 Group 10 GTP

#### Motors:

1. Any production Group 10 C-Can motor is allowed.
2. Armature must be a tagged Challenger, Contender, or Sportsman.
3. All armatures must have a minimum stack length of .440".
4. Armature must have a minimum diameter of .510".
5. Armature may be reconditioned.
6. Any manufacturer's armatures or magnets may be interchanged with any manufacturer's set-ups.
7. Magnet clips are not required.
8. Shunt wires and insulation is allowed.
9. Magnets may be glued and honed.
10. Can bushing may be replaced with a ball bearing.
11. Motor may be soldered into the chassis.

#### Chassis:

1. Only mass-produced 4" "Flexi" style chassis allowed.
2. Pin tubes may be added and chassis may be braced.
3. Only bushings allowed - no ball bearings.
4. Pan movement may be increased or restricted.
5. Front wheel towers may be trimmed for lead wire clearance. Front axle is not required.
6. Light weight pans allowed.
7. Front wheels must be at least 1/2 inch (.500") diameter.
8. Rear axle vertical location may be changed.
9. Rear tire width may not exceed .810".
10. No other modifications allowed.

#### Bodies:

G.T.P. or Prototype bodies.

### 1/24 Group 10 IRL (Indy)

#### Motors:

1. Any production Group 10 C-Can motor is allowed.
2. Armature must be a tagged Challenger, Contender, or Sportsman.
3. All armatures must have a minimum stack length of .440".
4. Armature must have a minimum diameter of .510".
5. Armature may be reconditioned.
6. Any manufacturer's armatures or magnets may be interchanged with any manufacturer's set-ups.
7. Magnet clips are not required.
8. Shunt wires and insulation is allowed.
9. Magnets may be glued and honed.
10. Can bushing may be replaced with a ball bearing.
11. Motor may be soldered into the chassis.

#### Chassis:

1. Both JK spring steel Indy chassis and "Flexi" Indy style chassis allowed.
2. Pin tubes may be added and chassis may be braced.
3. Only bushings allowed - no ball bearings.
4. Pan movement may be increased or restricted.
5. Front wheels must be at least .685" in diameter and be at least .300" wide.
6. Front axle location may be modified to fit body length.
7. Front wheels may rotate independently.
8. Rear axle vertical location may be changed.
9. Rear tire width may not exceed .810".
10. No other modifications allowed.

#### Bodies:

Only JK Indy bodies allowed.

**A. HOUSE RULE- Any manufacturer's Indy/F1 body is acceptable.**

## 1/24 GT-12

### Motors:

1. Any C-Can Group 12 motor is allowed. Armature must be tagged as a G-12 and have a minimum diameter of .510".
2. Any manufacturer's armatures or magnets may be interchanged with any manufacturer's set-ups.
3. No International 15 magnets allowed.
4. Magnet clips are not required.
5. Shunt wires and insulation allowed.
6. Can bushing may be replaced with a ball bearing.
7. Magnets may be glued and honed.
8. Motors may be soldered into chassis.

### Chassis:

1. Any chassis retailing for no more than \$50.00 is allowed.
2. Chassis may be re soldered.
3. Only bushings allowed - no ball bearings.
4. No part of chassis may be removed except front uprights.
5. Front axle is not required.
6. Pan movement may be increased or restricted.
7. Chassis may be braced.
8. Front wheels must be at least 1/2 inch (.500") diameter.
9. Rear axle vertical location may be changed.
10. Rear tire width may not exceed .810".

### Bodies:

1. G.T.P. or Prototype bodies.
2. High downforce bodies allowed

## House Classes and Rules

### 4.5" NASCAR S16D

### Motors:

**S16D modifications allowed**

### Chassis:

1. Only mass produced 4 1/2" stamped steel "Flexi" style chassis allowed.
2. Pin tubes may be added and chassis may be braced.
3. Only bushings are allowed. (ball bearings may be grandfathered at Race Directors discretion)
4. Pan movement may be increased or restricted.
5. Front tires are required.
6. Light weight pans allowed.
7. Front wheels must be at least 1/4 inch (.25") wide.
8. Rear axle vertical location may be changed.
9. Rear tire width may not exceed .810".
10. No other modifications allowed.

### Bodies:

1. Any 4.5" NASCAR, Nastruck and Dirt Modified bodies are allowed.  
Body must be cut on the manufacture's cut line.
1. Bodies cannot be "slammed", lowered or modified to provide a lower profile.
2. Bodies must have a 3D driver

### 1/24 SCALE VINTAGE FALCON CAR

All General Rules also apply.

- Chassis**
1. Stamped steel chassis may add any type of piano wire bracing
  2. Pin tubes may be added.
  3. Ball bearings are not allowed.
  4. Pan movements may be increased or restricted.

- Bodies:**
1. Any 1/24 scale vintage production sports car body, such as but not limited to, Porsche 917, Lotus 30 or 40, Ford GT, Shadow.
  2. Chassis must be completely covered when viewed from above; except for the front wheel assembly and rear wheels, axles, tires, and gear.

- Motor:**
1. Falcon 7 with NO Modification
  2. May notch cans for axle clearance.

### WOMP/THUMPER CAR

All General Rules also apply.

- Chassis:**
1. STAMPED STEEL OR BRASS
  2. Chassis must be inline Womp or Thumper from Parma or Champion.
  3. Chassis may have bracing added.
  4. Pin tubes may be added.

- Body:**
1. Any 1/32 scale Womp or Thumper car body.
  2. Chassis must be completely covered when viewed from above; except for the front wheel assembly and rear wheels.

- Motor:**
1. Parma 16D (preferred), S16D or Falcon with NO Modification (S16D/Falcon powered cars may have a minimum lap limitation applied, i.e. a break out lap time faster than the one set will not count)
  3. No motor modifications allowed

### 1/24 TSR Sports Car Rules

TSR racing sports cars out of the box with Lexan bodies

- Chassis:**
1. Out of the box TSR chassis only
  2. Replacing the steel rods on chassis current transfer to wire is OK
  3. TSR recommended drilled adjustable upstop bolts allowed.
  4. The steel pin guide may be relocated
  5. One Chassis Magnet can be changed, relocated, or removed.

- Motor:**
1. Stock TSR motor, TSR hi performance motor, or Falcon 2 "reverse timing" motor

- Body:**
1. must be "scale" in type and have 3D interiors