

*NEW RULES EFFECTIVE SEPTEMBER 1, 2010*

*Rules updated 9.28.11. All rules subject to change and expansion should need arise.*

It is highly suggested that all indoor carpet tracks use these rules exactly as they are written with no deviations. Please try to keep it consistent and fair for everyone who may attend your track from around the country.

Trans Am Class Rules and Specifications.....

Body Specifications:

Late '60s to early '70s American pony car Vintage Trans-Am bodies **only**.

**Bolink part numbers:**

BL2262 '68 Chevrolet Camaro

BL2263 '65 Ford Mustang

**HPI part numbers:**

17510 - 1970 Plymouth AAR 'Cuda

7494 - 1968 Chevrolet Camaro

17531 - 1969 CHEVROLET CAMARO Z28

17508 - 1965 Ford Shelby GT-350

17519 - 1966 Ford Mustang GT

104926 - 1966 FORD MUSTANG GT COUPE BODY

17546 - 1970 Ford Mustang Boss 302 (scale wing ok)

105106 - 1970 DODGE CHALLENGER BODY

**Parma part numbers:**

10143 - 1969 Z28 Camaro

10141 - 1970 Boss Mustang

10113 - 1970 'Cuda

**Pegasus Hobbies part numbers:**

PGH4001 - 1970 Camaro SS

PGH4002 - 1970 'Cuda

PGH4003 - 1970 Mustang

**Protoform part numbers:**

#1526 - J71

**McAllister Racing part numbers:**

#286- 1969 Mustang body

Body provided deck lid spoilers allowed (not wings). No additional skirts or raised/extended wings or air control surfaces allowed. Body must be trimmed at body trim lines. Full rear bumper required. It is highly preferred that bodies are detailed in race type livery in period-correct paint schemes. Fluorescent colors, wild graphics, chromes and non-period correct paint schemes are frowned upon. All cars **must** have a number on the hood, both doors and trunk lid. Wheel covers of any type are NOT allowed. All cars must include a driver figure consisting of at least a head and shoulders.

Driver Figure part numbers (ANY suitable 1/10 driver figure is legal-these are readily available examples)

### **HPI**

#104815 INNER BODY SET FOR DT-1 TRUCK BODY

### **Associated**

6180 Driver, unpainted, 1:10

### **McAllister**

#423 Stock Interior and Driver

#419 SPRINT CAR DRIVER

### **Tire & Wheel Specifications:**

The only tires allowed are HPI tire part #4793 "front" and #4797 "rear", using stock tire inserts provided with tire and any HPI Vintage wheels designed to fit these tires. All other tires and/or part numbers are illegal. Wheels and tires designated as "front" must be used as front tires/wheels, "rear" wheels/tires must be used as rear. Five or Eight spoke wheels available in various colors. 0mm offset front wheels and 6mm offset rear wheels are intended for 26mm width fronts and 31mm width rear tires. 8-spoke Vintage wheels from #3805 through #3814, 5-spoke Vintage wheels from #3815 through #3822 and Vintage stock car wheels from #3854 through #3860, Vintage Wheel CC Type #33472 and #33473, Vintage Wheel DTP Type #33474 and #33475 are all legal wheels.

Grinding of tire tread is NOT permitted. Sanding of mold seam to remove seam is allowed. HPI Vintage Slicks and HPI Vintage Performance Tires are not allowed. Tire traction compounds are at the discretion of the track. No other altering, changing or softening of the tire is allowed. No "double stuffing" of foam inserts allowed—only single stock vintage tire inserts are allowed.

### **Chassis Specification:**

Four Wheel Drive touring car chassis only. Any era or brand 4wd chassis is allowed. An Excel spreadsheet gear ratio and final drive ratio calculator for most touring car chassis is available [here](#).

### **Motor Specifications:**

**25.5 brushless with 2C LiPo:** Novak SS25.5 Pro brushless motor (pn:3425V) or Ballistic 25.5 (pn:3625V- stator only pn:S6625) ONLY combined with any ROAR-approved hard-cased 2C 7.4v LiPo pack up to and including 5000 mAh capacity. Novak motors are the ONLY motor allowed at this time. All house track rules regarding LiPo usage apply. Only physical motor timing advance is allowed, however Ballistic motors must not be advanced beyond the last line of the timing range sticker. 12.3 mm rotor diameter only (no "tuning" rotors are allowed, only stock Novak rotors allowed). Using ceramic bearings in the motor makes you a dork.

### ***Approved ESCs:***

Novak-

EDGE 2S Brushless ESC (#1850, 1851)

Mongoose Micro Brushless/Brush ESC (#1718)

GTB 2 Sportsman Racing Brushless ESC (#1708, 1709)

GTB series part numbers:1710, 1711

Havoc series part numbers:1732, 1733, 1735

Slyder part number: 1712  
XBR (DISCONTINUED) part number:1720

LRP

A.i. Brushless Reverse part numbers: LRP80100, LRP80150

SPEED PASSION

Cirtix Stock Club Race ESC part number: 12280

Battery Specifications:

Battery Specifications: 2 cell ROAR-approved LiPo hard cased, 5000 mAh limit Ride Height

Ride Height Specification:

Minimum ride height is 5mm.

Weight Specification:

Minimum 1550g in race-ready trim

Race Specification:

- 5 minute qualifiers
- 8 minute mains
- Absolutely NO IFMAR-type starts. All heats and mains should be straight-up starts, with random sorts for each heat. Non random sorts should shuffle starting order for each heat.

*Optional Main Variations:*

- 12-20 car A-mains, depending on car counts.
- Invert qualifying order based on random hat pull (top 6-10 cars).
- "LeMans" type starts where all cars are lined up on an angle to the racing line in order.
- Run track in reverse rotation for mains.
- Rolling starts

**MOST IMPORTANTLY: If it's not in the rules, and does not encompass the spirit of slower, controlled racing with realistic looking cars, consider it illegal. This is called the "Spirit of VTA" Rule. The class is based on slower, equal playing field competition with less traction, minimal aerodynamic aids and mostly older carpet racing technology. The final objective is close, fair, wheel-to-wheel racing for all. All decisions of the race promoter or track owner are final.**

USGT Class Rules and Specifications.....

Chassis Specification:

**Any 1/10 4wd or Fwd sedan with 4 wheel independent suspension.**

Weight Specification:

4wd 1450g weight Fwd 1400g weight

Body Specifications:

Any 190mm or 200mm body. Body can be any body that is **NOT** on the ROAR T2 body list. **NO Trucks**

Any "SCALE" molded wings can be used. Lexan wings 10mm maximum height / side dam height  
Scale type race liveries encouraged

Tire & Wheel Specifications:

**Tires**-Any treaded (non slick) non belted rubber tire available 24 or 26mm. Removing belts from belted tires is not allowed. Must use a non-molded (ex. open cell foam) insert or no insert. Grinding of tire tread is NOT permitted. Sanding of mold seam to remove seam is allowed.

**Wheels**- Any 24 or 26mm spoke (non-dish) type wheel

**While the above is the ideal for this class, a track or series may approve a premounted tire, slick tires being acceptable. A spoked wheel is encouraged if possible for premounted tires**

Ride Height Specification:

Minimum ride height is 5mm.

Motor Specifications:

**21.5 + 2s lipo batteries** No tuning rotors, must use OEM rotor 12.3-12.5mm

***Approved ESCs:***

ESC ROAR approved spec software or USVTA list

Race Specification:

6 minute qualifiers

8 minute mains

Battery Specifications:

ROAR approved hard case batteries