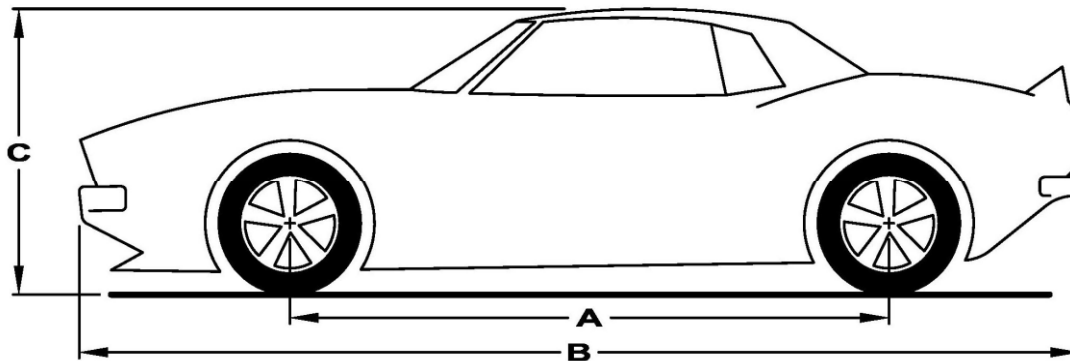


# **VTA Class Rules and Specifications**

Updated 20-Nov.-2016



## **Body Specifications:**

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

Bolink part numbers:

BL2262 '68 Chevrolet Camaro

Also known as RJ Speed Part # BOL2262

BL2263 '65 Ford Mustang

Also known as RJ Speed Part # BOL2263

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

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

For the HPI Mustangs which are not provided with a spoiler:

A lexan spoiler of 16mm total height from trunk deck, and overall chord of 20mm is allowable. All other bodies must use the spoiler included with that specific body set. Built in spoilers may not be enhanced.

105106 - 1970 Dodge Challenger

17526 – 1967 Chevrolet Corvette Stingray (Legal at LRCCC club level)

107201 – 1978 Pontiac Firebird (Legal at LRCCC club level)

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

1964 Impala Lowrider (Legal at LRCCC club level)

Protoform part numbers:

#1526 – J71

#1535-30 1971 Pontiac Firebird Trans Am

McAllister Racing part numbers:

#286- 1969 Mustang body

#295- 1970 Pontiac Firebird Trans Am VTA body- 1/10- 200mm

Vaterra part numbers: (Legal at LRCCC club level)

VTR230010 1969 Chevrolet Camaro RS Body Set, Gun Metal: V100

VTR230015 1969 Chevrolet Camaro SS Body Set, Black: V100

VTR230028 1967 Ford Mustang Body Set, Painted

RJ Speed part numbers: (Legal at LRCCC club level)

1053 1969 D style stock car body

1054 1969 SS style muscle car body

1055 1965 GT style muscle car body

1057 70's SS sedan classic 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 colours, 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.

While recommended, a driver figure consisting of at least a head and shoulders **is optional**.

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

Tamiya

#58124 Z-Parts

#58242 L-Parts

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. 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 mould seam to remove seam is allowed. HPI Vintage Slicks and HPI Vintage Performance Tires are not allowed. All Retail versions of traction compound are allowed. Paragon FXII, Paragon Ground Effects, Stickyfingers, SXT – **NO HOME MADE SOLUTIONS ALLOWED.**

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.

## **Motor Specifications:**

*Any R.O.A.R. approved 25.5 Motor with the 12.3mm Rotor Diameter.* (no "tuning" rotors are allowed)

Only physical motor timing advance is allowed, however Ballistic motors must not be advanced beyond the last line of the timing range sticker. Using ceramic bearings in the motor makes you a dork. No modifications or optional parts allowed on motor can, endbell, stator, or rotor, other than the Boss #5925 Ballistic 540 Vented Endbell/Bearing Racing Upgrade Kit (replacement). No cooling holes or other changes allowed to motor. Fans and external clip on heatsinks are allowed, but integral type heatsinks/fans including but not limited to those that require motor disassembly to mount are illegal.

## **Approved ESCs:**

**Any “Blinky” ESC** (no Programmable Timing)

Eg.

Novak-

Club Brushless ESC (#1852)

EDGE 2S Brushless ESC (#1850, 1851)

Mongoose Micro Brushless/Brush ESC (#1718)

GTB 2 Racing w/X-Drive (#1749)

GTB 2 Racing w/X-Drive- Low Profile (#1748)

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

Reventon Stock Club Race part number:SP000048

HOBBYWING

JUSTOCK Club ESC (same esc, but differing part numbers)-

Falcon Sekido Part #

Hobbywing Justock Black: 81020001 (Black)

Hobbywing Justock blue 81020000 (Blue)

CRC Part #

7014 - Hobbywing XERUN Juststock Club No timing ESC – Sensored

## **Battery Specifications:**

Battery Specifications: 2 cell LiPo hard cased.

## **Ride Height Specification:**

Minimum ride height is **5mm**.

## **Weight Specification:**

Minimum **1450g** 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.

One additional point will be awarded to racers that are fully VTA compliant. (Driver Figure, Legal Tires, Legal Battery, Car Numbers)

Vehicles that are not VTA compliant (with the above noted exceptions) will not be eligible for collecting points.

All decisions of the race director are final.