



Attached are the Vehicle Technical Specification (VTS) sheets that you requested. They are quite self-explanatory. Please complete and return them to the Club Racing Technical Department along with a letter explaining your request to the Club Racing Board.

### **Individual Competitors:**

You will also need to include copies of the manual pages, for OEM spec verification, that contain the following specs:

Valve Sizes, Valve Lift, Wheel Size, Bore, Stroke, Displacement, Brake Rotor Dia., Brake Rotor/Drum Width, Tire Size, Gear Ratios, Wheelbase, Track, Curb Weight, and Final Drive Ratio.

Some of the specifications requested may require a call to your dealer or manufacturer. All of the requested information is contained in each vehicle's MVMA / AAMA. If you are requesting that an older car be classified, you may be unable to get some of the information. If you are running into this problem, give Jeremy a call at the number at the bottom of the page. We will tell you what information is absolutely critical.

Once we receive the information from you we will give your request a tracking number, put it on the Club Racing Board Agenda, and send copies out to the appropriate advisory committee and all of the Club Racing Board members.

### **Manufacturers:**

We realize that a shop manual may not yet be available when you submit the request for car classification. Once the manual(s) do become available, please forward a copy to us. A compact/electronic format such as microfiche or cd-rom is preferred, for the sake of convenience.

Once we receive the information from you we will give your request a tracking number, put it on the Club Racing Board Agenda, and send copies out to the appropriate advisory committee and all of the Club Racing Board members.

# CLUB RACING BOARD REQUEST FORM

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

DAY: \_\_\_\_\_ EVENING: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

## ***REQUEST INFORMATION***

VEHICLE(S): \_\_\_\_\_

CLASS(ES): \_\_\_\_\_

SECTION # & PAGE #: \_\_\_\_\_

DESCRIPTION OF REQUEST / QUESTION: \_\_\_\_\_

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**NOTE: ADDITIONAL PAGES MAY BE ATTACHED IF NEEDED**

# Vehicle Technical Specifications Required for Classification

## Vehicle Parameters: Stock

Vehicle Manufacturer: \_\_\_\_\_

Model Name: \_\_\_\_\_

Model Year(s): \_\_\_\_\_

Annual # of Units: \_\_\_\_\_

Wheelbase: \_\_\_\_\_

Track (F/R): \_\_\_\_\_

Wet Curb Weight: \_\_\_\_\_

Windshield Slope Angle: \_\_\_\_\_

Rear Window Slope Angle: \_\_\_\_\_

Body Style ( 2 door, etc.): \_\_\_\_\_

## Engine Parameters: Stock

SAE Max Horsepower: \_\_\_\_\_ @ \_\_\_\_\_ RPM Max Torque: \_\_\_\_\_ @ \_\_\_\_\_ RPM

Rev-Limit Speed: \_\_\_\_\_ RPM Rev-Limit Method: \_\_\_\_\_

Fuel Tank/Cell Capacity: \_\_\_\_\_ US Gal.

Engine Location (frt, mid, rear): \_\_\_\_\_

Number of Cylinders: \_\_\_\_\_

Displacement (cc): \_\_\_\_\_

Compression Ratio (max): \_\_\_\_\_

## Cylinder Block:

Block Material: \_\_\_\_\_

Part Number: \_\_\_\_\_

Block Deck Height (min): \_\_\_\_\_

Deck Clearance (min): \_\_\_\_\_

Cylinder Bore (max): \_\_\_\_\_

Piston Stroke (max): \_\_\_\_\_

## Cylinder Head:

Head Material: \_\_\_\_\_

Part Number: \_\_\_\_\_

Total Combustion Chamber Volume (min) (cc): \_\_\_\_\_

Head Flow Type:                      Crossflow: \_\_\_\_\_                      Non-crossflow: \_\_\_\_\_

**Valve System:**

Number of Valves per Cylinder: Intake: \_\_\_\_\_ Exhaust: \_\_\_\_\_

Valve Head Diameter (max): Intake: \_\_\_\_\_ Exhaust: \_\_\_\_\_

Valve Material: Intake: \_\_\_\_\_ Exhaust: \_\_\_\_\_

Valve Actuation Type (pushrod, finger follower, etc...): \_\_\_\_\_

**Engine Internals:**

Piston Type: Flat: \_\_\_\_\_ Dished: \_\_\_\_\_ Domed: \_\_\_\_\_ Piston Mass (min): \_\_\_\_\_

Connecting Rod Length (Center to Center): \_\_\_\_\_

Connecting Rod Material: \_\_\_\_\_

Connecting Rod Mass: \_\_\_\_\_ Piston, Pin, Rod &amp; Ring(s) Mass (min): \_\_\_\_\_

Crankshaft P/N: \_\_\_\_\_ Crankshaft Mass (min): \_\_\_\_\_

Camshaft P/N: \_\_\_\_\_ Location/# of Camshafts: \_\_\_\_\_

Lift @ Lobe (max): \_\_\_\_\_ Intake: \_\_\_\_\_ Exhaust: \_\_\_\_\_

Lift @ Valve (max): \_\_\_\_\_ Intake: \_\_\_\_\_ Exhaust: \_\_\_\_\_

Rocker Arm Ratio: \_\_\_\_\_ Tappet Type: \_\_\_\_\_

**Intake Manifold:**

Manifold Material: \_\_\_\_\_ Part Number: \_\_\_\_\_

Type of Induction System: \_\_\_\_\_ Location of Injectors: \_\_\_\_\_

Number of Injectors per Cylinder: \_\_\_\_\_ Throttle Body Bore Dia.: \_\_\_\_\_

**Exhaust Manifold:**

Manifold Material: \_\_\_\_\_

**Drivetrain: Transmission:**

Number of Forward Speeds: \_\_\_\_\_ Manufacturer: \_\_\_\_\_

Gear Ratios:                    1<sup>st</sup>: \_\_\_\_\_                    2<sup>nd</sup>: \_\_\_\_\_                    3<sup>rd</sup>: \_\_\_\_\_

    4<sup>th</sup>: \_\_\_\_\_                    5<sup>th</sup>: \_\_\_\_\_                    6<sup>th</sup>: \_\_\_\_\_

**Final Drive:**

Differential Type:            Open: \_\_\_\_\_            Limited Slip: \_\_\_\_\_            Torsen: \_\_\_\_\_

Differential Manufacturer: \_\_\_\_\_ Axle Ratio: \_\_\_\_\_

Ring Gear Outside Diameter: \_\_\_\_\_

**Chassis: Suspension:**

Spring Type (coil, leaf, etc.):                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Spring Material Dia. / Thickness:                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Overall Spring Dia. / Width:                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Anti-roll Bar Diameter:                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Anti-roll Bar Design (solid, tube, etc.):                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Bushing Material: \_\_\_\_\_

**Brakes:**

Rotor Diameter (max):                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Rotor Thickness (max):                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Rotor Type (vented, solid):                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Rear Drum Diameter (if so equipped): \_\_\_\_\_ Rear Drum Width (if so equipped): \_\_\_\_\_

Caliper Type & Number of Pistons:                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

**Stock Tires & Wheels:**

Tire Size:                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Wheel Diameter & Material:                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

Wheel Width:                    Front: \_\_\_\_\_                    Rear: \_\_\_\_\_

