

## — PRO IMPORT —



### > Class Designation

PI preceded by car number

Designed for 4-cylinder FWD/AWD, 2-rotor RWD and selected 6-cylinder RWD vehicles with up to two power adders.

### > Minimum Weights

Based on performance and/or individual engine models/types are assigned different minimum weights. Please contact the Battle of the Imports (BOTI) if you do not see your engine type. The BOTI reserves the right to make adjustments to minimum weights.

Aftermarket, replacement, or non-original OEM transmission both manual or automatic: add 150 pounds with 1-power adder and 225 pounds with 2-power adders. Non-original OEM is defined as a transmission that was never coupled to a particular engine.

All weights include the driver.

Manufacturer Engine	1 Pwr Adder Min Weight (OEM trans)	1 Pwr Adder Min. Weight (non-OEM trans)	2 Pwr Adder Min. Weight (OEM trans)	2 Pwr Adder Min. Weight (non-OEM trans)
<b>GM</b>				
Ecotec Series	2,200 lbs	2,350 lbs	2,400 lbs	2,625 lbs
<b>Honda</b>				
B16-Series	1,800 lbs	1,950 lbs	2,000 lbs	2,225 lbs
<b>Honda</b>				
B18-Series	1,900 lbs	2,050 lbs	2,100 lbs	2,325 lbs
<b>Honda</b>				
F-Series	1,900 lbs	2,050 lbs	2,100 lbs	2,325 lbs
<b>Honda</b>				
H-Series	1,900 lbs	2,050 lbs	2,100 lbs	2,325 lbs

<b>Honda</b>				
K-Series	1,900 lbs	2,050 lbs	2,100 lbs	2,325 lbs
<b>Mazda</b>				
13B-Series	2,400 lbs	2,550 lbs	2,500 lbs	2,725 lbs
<b>Mazda</b>				
I4-Series	1,900 lbs	2,050 lbs	2,100 lbs	2,325 lbs
<b>Mitsubishi</b>				
4G63 Series	1,900 lbs	2,050 lbs	2,100 lbs	2,325 lbs
<b>Toyota Scion</b>				
3RZ-fe	1,900 lbs	2,050 lbs	2,100 lbs	2,325 lbs
<b>Toyota Supra</b>				
2JZ	2,900 lbs	3,050 lbs	3,100 lbs	3,325 lbs
AWD	2,400 lbs	2,550 lbs	2,500 lbs	2,725 lbs

## 1:Engine

### ENGINE:

Engine restricted to 4-cylinder (2.5-liter max. displacement), 6-cylinder (3.4-liter max. displacement) or 2-rotor rotary engine. Engine swaps are permitted but must be from the same manufacturer as the vehicle. Maximum two (2) power adders are permitted. Redundant power adders such as dual stage nitrous systems will be considered one (1) power adder. Vacuum pumps and dry sumps are permitted.

### EXHAUST SYSTEM:

Open exhaust permitted.

### FUEL:

Only methanol, BOTI accepted ethanol or BOTI accepted racing gasoline permitted. Please refer to our approved fuels list.

### FUEL SYSTEM:

An NHRA approved, aftermarket fuel cell is permitted. It must have a pressure cap, be vented outside the vehicle, and grounded to the chassis. A mechanical or electric fuel pump is permitted. Mechanical fuel pumps must shut off with a valve. Electric fuel pumps must shut off with the master cut-off switch. The fuel cell, lines and pump(s) must be mounted outside the driver's compartment and within the confines of the frame and/or steel body.

### FUEL INJECTION:

Aftermarket fuel injection and fuel injectors are permitted. A maximum of three additional injector per intake runner is allowed. Individual throttle bodies are permitted.

### LIQUID OVERFLOW:

An engine coolant overflow container is mandatory. Must be mounted securely. The use of wire ties or duct tape to secure the container is prohibited. Overflow container must have a one (1) quart capacity minimum.

### **SUPERCHARGER:**

Permitted. Screw-type prohibited. Liquid to air intercoolers are permitted but restricted to water and ice only.

### **TURBOCHARGER:**

All engines are limited to a single turbocharger. Turbocharger compressor wheel must be constructed of cast or billet aluminum. Exotic material wheels are prohibited. Liquid to air intercoolers are permitted but are limited to water and ice only.

**ECOTEC** engines are limited to 68mm turbocharger, where the maximum compressor housing inducer diameter is 69.5mm (2.736 inches), measured at the point where the leading edge of the compressor wheel meets the housing. Compressor wheel inducer diameter not to exceed this value, and contours of the wheel must not be “stepped, notched, or clipped.”

**ALL OTHER FWD and AWD** engines are limited to a 74mm turbocharger, where the maximum compressor housing inducer diameter is 75.85mm (2.986 inches), measured at the point where the leading edge of the compressor wheel meets the housing. Compressor wheel inducer wheel diameter not to exceed this value, and contours of the wheel must not be “stepped, notched, or clipped.”

**6-CYL and 2-ROTOR, SINGLE TURBO** engines are limited to a 76mm turbocharger, where the maximum compressor housing inducer diameter is 77.50mm (3.051 inches), measured at the point where the leading edge of the compressor wheel meets the housing. Compressor wheel inducer wheel diameter not to exceed this value, and contours of the wheel must not be “stepped, notched, or clipped.”

### **NITROUS OXIDE:**

Commercially available nitrous oxide is permitted. Nitrous bottles mounted inside the drivers compartment must have a pressure relief valve installed and vented outside vehicle. Bottle must be stamped DOT-1800 and be permanently mounted. Commercially available bottle warmers are permitted. Any other heating elements are prohibited.

### **THROTTLE:**

The vehicle's throttle must be controlled and operated by the driver's foot. Electronic, hydraulic, pneumatic or any other device may not affect the throttle operation.

## **2: Drivetrain**

### **CLUTCH:**

The use of adjustable “Pro Stock” style clutches is prohibited. Clutch must be manually operated by the driver's foot. Two discs are per-

mitted.

### **DRIVELINE:**

Vehicles must retain OEM driveline configuration. FWD to RWD conversions are prohibited.

### **TRANSMISSION, AUTOMATIC:**

Aftermarket or non-original OEM automatic transmissions are permitted but will be assessed a weight penalty; see Minimum Weights. All shifting must be performed by the driver. Air shifters or, any shifts activated by a button on the steering wheel is prohibited. Trans brakes are permitted.

### **TRANSMISSION, MANUAL:**

Aftermarket, sequential or non-original OEM manual transmissions are permitted but will be assessed a weight penalty; see Minimum Weights. All shifting must be performed by the driver. Air shifters, or any shifter activated by a button on the steering wheel is prohibited.

## **3: Brakes & Suspension**

### **BRAKES:**

All cars are required to have four-wheel hydraulic brakes.

### **STEERING:**

Aftermarket rack and pinion steering and steering wheels are permitted. “Quick Release” hubs are permitted and must be NHRA approved. The steering system must be free from any defects and be secure.

### **SUSPENSION, FRONT (ALL):**

Upper mounting point for strut assemblies must be in the factory location. Strut towers that have been “notched” for tire clearance must be refinished with minimum .024-inch steel. Full wheel tubs are prohibited. Adjustable caster/camber pillowball mounts are permitted. Fabricated lower control arms are permitted but, must use original mounting locations. There must be a minimum of one working shock absorber/strut per wheel. Traction devices are permitted but, must be “bolt-on.” Final decision is at the sole discretion of the BOTI.

### **SUSPENSION, REAR (FWD):**

FWD vehicles with factory IRS may replace IRS with straight axle suspension but must retain original upper mounting points. Struts must mount to original mounting point.

### **SUSPENSION, REAR (RWD/AWD):**

Straight axle conversion for AWD is prohibited. Vehicle's running 10.99 or quicker with independent rear suspension (IRS) must have axle retention device on each axle in case of breakage.

**WHEELIE BARS:**

Permitted. Wheelie-bar may be adjustable but must be fixed during run. Wheelie-bar wheels must spin free from the point where your crew has completed their vehicle check (post burn-out) and the pre stage beam. Any violation of this rule may result in your run being disqualified. Maximum wheelie bar length is 65 inches from rear bumper.


**4: Chassis & Frame**
**BALLAST:**

Ballast is permitted if the vehicle does not meet the weight requirement or if the driver feels the need to add weight. The ballast must be attached to the vehicle's structure using minimum Grade-8 mounting hardware. The ballast may not extend in front of or behind the rear of the vehicle's body, or above the rear tires.

**CHASSIS (ALL CARS):**

Driver position may not be relocated to center position. FWD must retain FWD configuration; rear drive conversions are prohibited. Roll cage in vehicles quicker than 9.99-seconds must be inspected by NHRA every three years with and have serialized sticker affixed to the chassis prior to competition.

**CHASSIS, FWD:**

Engine must be located in the OEM location and configuration for body use. Conversion from transverse to longitudinal engine configuration is prohibited. Wheel tubs, back half-chassis, full tube-chassis are prohibited.

**CHASSIS, RWD/AWD:**

OEM chassis with floorpan and firewall is mandatory. Back half-chassis and/or non-OEM suspension mounting points is prohibited.

**GROUND CLEARANCE:**

Minimum 3-inches from front of car, including the vehicle's tow hook, to 12-inches behind the centerline of the front axle, 2-inches for remainder of car except the oil pan and the exhaust headers.

**PARACHUTE:**

Mandatory on vehicles faster than 150 MPH.

**ROLL CAGE:**

An NHRA certified roll cage along with a serialized sticker affixed to the chassis prior to competition. The chassis must be inspected every three (3) years.

**WHEEL BASE:**

The vehicle's wheel base may be modified plus or minus 2-inch.


**5: Wheels & Tires**
**WHEELS, WHEEL STUDS:**

Must be automotive-type wheel with a minimum diameter of 13-inches. Wheel stud must extend further than the open ended lug nut a distance at least equal to the diameter of the stud.

**TIRES:**

Vehicle's must use either DOT or racing slicks. Maximum drive tire width is 10.5-inches with a maximum roll out of 88.5-inches. Non drive tires may be a minimum of 3-inches.


**6: Interior**
**INTERIOR:**

The vehicle's headliner, dashboard and upholstery are optional. However, the vehicle's interior must be finished with tin work. Vehicle must be equipped with a minimum of one seat for the driver.

**WINDOW NET:**

An NHRA approved window net is mandatory.


**7: Body**
**BODY:**

Pickups and SUV's are prohibited. Accepted RWD and AWD vehicles are required to retain OEM shell. Uni-body construction must remain unaltered. Modification to the area in front of firewall to the front of the shock towers is prohibited. One-piece front ends are permitted. Lightweight body panels are permitted provided they are duplicates of the stock components being replaced. Body must retain a finished appearance. Hood scoops are permitted.

**DOORS:**

Doors must be functional from both the inside and outside. Exact duplicates in either fiberglass or carbon fiber are permitted.

**BUMPERS:**

Removal of the front and rear bumper is prohibited. Either stock, fiberglass or carbon fiber duplicates may replace the front and/or the rear. They are allowed to be molded to the body but must be the original size and shape.

**FIREWALL:**

OEM firewall required on all vehicles.

**FLOOR, FWD:**

Modification to the vehicle's floor from behind the B-post or roll cage main hoop attachment points (whichever is farther rearward) to rear of car is permitted provided the material used is .032-inch aluminum or .024-inch steel. Complete, unaltered, OEM floorpan from the B-post or roll cage main hoop attachment points (whichever is farther rearward) to the front of the car is mandatory.

**FLOOR, RWD:**

Complete, unaltered, OEM floorpan from the B-post or roll cage main hoop attachment points (whichever is farther rearward) to front of car mandatory except, minus 6-square feet for transmission removal.

**HOOD, HOOD SCOOP:**

Fiberglass or carbon fiber hood replacement is permitted.

**SPOILERS:**

Roof mounted spoilers are prohibited. Spill plates may not attach to the quarter panel and are restricted to a height of 6-inches. Splitters on the front bumper are permitted but are restricted to height of 1-inch. No adjustments or movements can be made during a run.

**STREET EQUIPMENT:**

At least one tail light must be operational for night time racing. Headlights and taillights may be air brushed or painted on; they do not have to be operational.

**WINDOWS, WINDSHIELDS:**

Windshields must be free from any cracks and may be replaced with Lexan or other shatterproof material with a minimum thickness of 1/8-inch. Windows must be in the closed position and do not have to be operational. Competition numbers are required to be placed on window.


**8..Electrical**
**BATTERY:**

All batteries must be securely mounted outside the driver's compartment; unless sealed in a .024-inch steel or .032-inch aluminum box or an NHRA or IHRA approved poly box and have a master cutoff switch.

**MASTER CUTOFF:**

Mandatory on any car running 9.99 or quicker, 135 MPH or faster, or, if the battery is relocated. The cutoff switch must be connected in-line to the positive side of the electrical system. Once the master cutoff switch is turned "Off", it must shut off all electrical systems including the engine. It must be located at the rear most part of the vehicle and be clearly labeled with the word "OFF".

**TAIL LIGHTS:**

Must have at least one working tail light for night time operation.

**ELECTRONIC TRACTION CONTROL:**

Prohibited.

**IGNITION:**

Engine rev-limiters, either a 2-step or 3-step, is permitted. Ignition spark amplifiers with built in rev-limiters are permitted. Altering the factory computer (ECU) maps to increase or remove the factory pre-set rev-limit is also permitted. Rev-limiters controlled by aftermarket engine management systems are permitted.


**9..Support**
**ENGINE MANAGEMENT SYSTEM:**

Aftermarket stand alone engine management systems that replace the functions of the factory ECU is permitted. Piggy back systems (plug-ins module to the factory ECU) are also permitted.

**DATA RECORDER:**

GPS systems are permitted to record functions of a vehicle only and may not operate functions of the vehicle such as shifting. Wheel speed sensors also permitted.

**FIRE EXTINGUISHER SYSTEM:**

Minimum 5 pound, NHRA-accepted fire extinguishing system permitted. System must be divided with one nozzle on driver's side and one nozzle on the engine.

**TOW VEHICLES:**

Permitted. Must have the driver's competition number displayed on the tow rig.

**WARM UP:**

Only permitted in the designated area only. At anytime, testing the vehicle is prohibited in all classes, especially in the pit area. It is only permitted in the starting line burnout area or unless, if it's on jackstands.


**10..Driver**
**CREDENTIALS:**

Valid license required if vehicle is quicker than 9.99-seconds. NHRA licenses are accepted at both NHRA and IHRA member tracks. IHRA licenses are acceptable at IHRA tracks.

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**DRIVER RESTRAINT SYSTEM:**

Mandatory. Must be a 5-point, including crotch strap, three-inch wide driver restraint system meeting SFI Spec 16.1. The restraint system must be updated every two years from date of manufacture.

**HELMET:**

Mandatory. The helmet must meet SFI Spec 31.1A, 31.2A, 31.1/2005, 41.1A, 41.2A, 41.1/2005 or SNELL K98, 2000 or 2005. The certification decal must be unaltered and remain inside the helmet for competition approval.

**NECK COLLAR:**

Mandatory.

**PROTECTIVE CLOTHING:**

Fire jacket and pants meeting SFI Spec 3.2A/15 and gloves and boots or shoes meeting SFI Spec 3.2A/5 are mandatory for any car using ethanol or methanol as a fuel.

**All others:** jacket and pants meeting SFI 3.2A/5 and, gloves and boots or shoes meeting SFI Spec 3.3/1 mandatory.

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