



2010 Rules Supplement

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**For references to General Regulations, see*
http://www.nhra.com/UserFiles/file/General_Regulations.pdf

PRO MOD

DESIGNATION

PM, preceded by car number. Classes of competition within Pro Modified are for supercharged, methanol-burning, turbocharged methanol or gasoline-burning, or nitrous-assisted, gasoline-burning full-bodied cars.

Minimum weight at the conclusion of run, including driver:

- Nitrous-assisted Entries (Unlimited cid) - 2,425 pounds
- Supercharged Entries (526 cid) - 2,650 pounds
- Turbocharged Entries (540 cid) - 2,650 pounds

REQUIREMENTS & SPECIFICATIONS

ENGINE: 1

CARBURETOR

Any number and type of carburetors may be used.

CYLINDER HEADS

Hemi, canted-valve, or wedge heads permitted. Billet heads permitted. All heads must be NHRA-accepted. Maximum one spark plug per cylinder. Maximum supercharged valve sizes: intake 2.400 inches; exhaust 1.900 inches.

ENGINE

Internal-combustion, reciprocating, single-camshaft, 90-degree V-8 automotive-type engine. All engines must be NHRA accepted. Crankshaft centerline must intersect cylinder bore centerlines and be symmetrical. Nitrous-assisted entries are unlimited cubic inches with a maximum bore center of 5.300. Turbocharged entries are limited to 540 cubic inches with a maximum bore center of 5.000. Supercharged entries are limited to 526 cubic inches. Maximum bore center on supercharged billet hemi cylinder-head entries is 4.900 inches, 5.000 inches on all other supercharged entries. For supercharged entries, a positive method (flange, lip, etc.) must be attached to the intake manifold or engine block to retain both the front and rear manifold to block gaskets in the event the engine crankcase/lifter valley becomes over-pressurized. The flange/lip must extend past the surface of the gasket and be contoured to closely fit the block and manifold surfaces to prevent the gasket(s) from extruding. See General Regulations 1:2.

ENGINE SETBACK

Maximum engine setback limited to 10 percent of wheelbase as measured from centerline of front spindle to center of front sparkplug hole.

EXHAUST SYSTEM

Competition exhaust systems permitted. Exhaust must be directed out of body to rear, away from driver and fuel tank. See General Regulations 1:3.

FUEL

NHRA-accepted racing gasoline or methanol permitted. The use of propylene oxide is prohibited. See General Regulations 1:6.

FUEL SYSTEM

Fuel cell must have pressure cap and be vented to outside of body. Fuel cell meeting SFI Spec 28.1 mounted in front of radiator permitted; must be mounted between framrails and enclosed in a round tube frame, minimum 1 1/4-inch O.D. x .065-inch chromoly tubing. Extra tank(s) prohibited. Artificial cooling or heating systems (i.e., cool

cans, ice, Freon, etc.) prohibited. Circulating systems, not part of normal fuel-pump system, prohibited. See General Regulations 1:5.

INDUCTION

Any induction system permitted on nitrous-assisted and turbocharged entries. Electronic fuel injection must be closed, OEM-type system; i.e., may monitor only engine functions. Monitoring of vehicle performance criteria, wheel speed, driveshaft speed, vehicle acceleration, etc. by fuel-injection system prohibited. All aftermarket OEM-type electronic fuel injection must be NHRA-accepted. A current list of NHRA-accepted electronic-fuel-injection systems is available on NHRA.com. See General Regulations 9:1.

INJECTOR SCOOP

Injector scoop may not extend more than 16 inches forward of the center of the forward engine cylinder, may not extend more than 10 inches behind the center of the rear engine cylinder, may not be higher than the roof line.

INTAKE MANIFOLD

An NHRA-accepted burst panel mandatory on all entries.

NITROUS OXIDE

Prohibited on supercharged and turbocharged entries. No bottle may be turned on until after burnout is completed. No inline valves accepted as bottle shutoff in staging lanes. Push systems accepted. HOBBS switch mandatory. Nitrous system must be activated by a wide-open throttle switch. All nitrous bottles must be stamped as meeting minimum DOT-1800 pound rating. Maximum of two bottles, fifteen pounds per bottle. Commercially available, thermostatically controlled, blanket-type warmer accepted. Any other external heating of bottle(s) prohibited. See General Regulations 1.6.

OIL LINES

All pressurized flexible oil lines must pass a minimum 750 psi 30 second test and be tagged to indicate successful testing.

OIL RETENTION DEVICE

Supercharged and turbocharged entries must be equipped with a properly fitting lower-engine ballistic/restraint device meeting SFI Spec 7.1. If restraint device is not 2 inches minimum above the ground, a shield firmly attached to frame rails to support restraint device mandatory. Nitrous-assisted entries permitted to use a NHRA accepted composite belly pan. The belly pan must be constructed of NHRA accepted composite material with vertical folded-up walls, at least 4-inches tall. Pan must extend from framerail to framerail and extend from the front motor plate to the rear of the engine block. Minimum number of slots or holes in the walls to clear frame, steering, or lines permitted. Front and rear walls must be "coved" toward oil pan a minimum of 1/2-inch to assist oil in staying within the confines of the oil-retention device. Pan must be attached with a minimum of three attachment points per side. Nonflammable, oil absorbent liner is mandatory inside of belly pan. See General Regulations 1:8.

RADIATOR

Permitted. Electrically driven fan and water pump permitted.

SUPERCHARGER

Screw-type supercharger prohibited. Hi-helix or standard helix Roots type supercharger only. Manifold burst panel meeting SFI Spec 23.1 plus restraint system meeting SFI Spec 14.2, including injector restraint straps mandatory. Cast or billet cases permitted and must be NHRA-accepted prior to competition. Maximum supercharger overdrive limit is 20.0 percent on all combinations. Intercoolers, variable multi-speed supercharger devices prohibited. The top opening may not exceed 12-inches in length or 5-inches in width. The entire inlet opening must be on/in the upper surface only. The maximum length from the front of the supercharger drive pulley to the leading edge of the rotor is

15-inches. Offset drive pulleys, spacers, modified cases, or attaching methods may not be used to add to the 15-inch maximum. All manifold configurations, supercharger modifications and locations must be accepted prior to competition. The rotors must be driven from the front (both the external drive and the internal gearing. Any inlet/outlet cavity in front of the rotors is restricted to a maximum of 3.000 inches measuring from the face of the bearing plate to the front of the cavity. See General Regulations 1:10, 1:11.

THROTTLE

Throttle control must be manually operated by driver's foot. Electronics, pneumatics, or hydraulics is permitted for starting line/staging RPM limiters only. See General Regulations 1:12.

TURBOCHARGER

Single turbocharger limited to 120mm maximum; twin turbocharger limited to 91mm maximum. Air-to-air or water-to-air intercoolers permitted on turbocharged vehicles. Turbocharger size will be verified by measuring the housing bore at the leading edge of the impeller wheel. The maximum diameter of the housing bore at the leading edge of the wheel may not exceed 2mm more than the maximum allowable turbocharger size permitted.

VENT TUBES

All tubing material must be flame resistant. See General Regulations 1:13.

DRIVETRAIN: 2

CLUTCH, FLYWHEEL, FLYWHEEL SHIELD

Flywheel and clutch meeting SFI Spec 1.3, 1.4, or 1.5. 3 discs maximum with a maximum disc diameter of 11 inches or 4 discs maximum with a maximum disc diameter of 8 inches. Flywheel shield meeting SFI Spec 6.2 or 6.3 mandatory. Maximum depth of flywheel shield: 9.400 inches. Clutch must be manually operated by driver's foot: Electronics, pneumatics, hydraulics, or any other device may in no way affect the clutch system. Throw-out bearing must release all fingers, levers, stages, etc. simultaneously. Staged or variable release clutches of any description prohibited. See General Regulations 2:3, 2:5, 2:6, 2:8.

DRIVELINE

Driveshaft meeting SFI Spec 43.1 mandatory. Each end of driveshaft must have round 360-degree driveshaft loops within 6 inches of U-joints. Full 360-degree driveshaft tube mandatory over yoke, extending from transmission tail shaft a minimum length of 12 inches. Minimum thickness of tube housing is .050-inch chromoly or titanium. Two-piece accepted with minimum 6 3/8-inch Grade 8 bolts. See General Regulations 2:4.

REAR END

All rear ends must be NHRA-accepted. A current list of NHRA-accepted rear ends is available on NHRA.com. Aftermarket axles with minimum 5/8-inch-diameter studs and axle-retention device mandatory. Periodic Magnaflux check of axles recommended. Full-floating or live axle units mandatory on supercharged and turbocharged entries. Fabricated flanged rear ends with mis/self-aligning bearings permitted on nitrous-assisted entries. Maximum (numeric) rear-end gear ratio 4.57-to-1 for supercharged and turbocharged entries. See General Regulations 2:11.

TRANSMISSION, Automatic

Permitted. Must be equipped with a neutral safety switch and a reverse lockout. Transmission brake permitted. Electric transbrake release system only. Automated, electric, or pneumatic shifting devices permitted; must be controlled by preset engine rpm and/or time functions ONLY. Transmission shield meeting SFI Spec 4.1 mandatory.

Automatic transmission flexplate meeting SFI Spec 29.1 and flexplate shield meeting SFI Spec 30.1 mandatory. Lockup converters and overdrive units are prohibited. A 1 to 1 relationship is mandatory in high gear. See General Regulations 2:12, 2:14.

TRANSMISSION, Manual

Aftermarket planetary transmission permitted. All transmissions must be equipped with a SFI Spec 4.1 transmission shield. Supercharged entries limited to maximum of three forward speeds (two planetaries) and reverse, all other entries limited to maximum of five forward speeds (four planetaries) and reverse. Aftermarket converter drive units permitted. When an aftermarket converter drive is utilized a SFI Spec 6.1 or 6.3 flywheel shield and a SFI Spec 29.1 flexplate is mandatory. Lockup converters and overdrive units are prohibited. A 1 to 1 relationship is mandatory in high gear for all transmission types. Automated, electric, or pneumatic shifting devices permitted; must be controlled by preset engine rpm and/or time functions ONLY. See General Regulations 2:12, 2:13, 2:14.

BRAKES & SUSPENSION: 3

BRAKES

Automated brakes prohibited; application and release of brakes must be a function of the driver. Four-wheel hydraulic brakes mandatory. Steel brake lines mandatory. Brake lines must be out of flywheel and driveline area. Line-loc permitted on front wheels only. One line-loc solenoid and one button only. Any other electrical, pneumatic, hydraulic, etc. switch prohibited in brake system. Dual master cylinder mandatory; must be mounted above the lower framrails. See General Regulations 3:1.

STEERING

Commercially available quick- disconnect steering wheel meeting SFI Spec 42.1 mandatory. Minimum steering-wheel diameter 11 inches. See General Regulations 3:3.

SUSPENSION

Full automobile production systems mandatory. Minimum one hydraulic shock absorber per wheel. Fabricated units permitted. Lightening of stock components prohibited. Rigid-mounted suspensions or straight front axles prohibited. Lockup shocks prohibited. Minimum 1-inch travel per wheel. See General Regulations 3:4.

WHEELIE BARS

Permitted. Maximum 104 inches as measured from centerline of rear-end housing to center of wheelie-bar wheel. Wheels must be non-metallic. See General Regulations 3:6.

FRAME: 4

BALLAST

Permitted. Any ballast mounted on, or in front of, forward crossmember is limited to 30 pounds maximum, including bracket. Maximum length of bracket 12 inches, measured from the front of the crossmember. Maximum distance from front motor plate to front of bracket is 36 inches. Bracket may be constructed of either minimum 1 1/4-inch x .058-inch wall round chromoly tubing with minimum four (4) 3/8-inch-diameter SAE Grade 8 bolts for attachment, or of minimum 1/4-inch 6061 T6 aluminum plate with minimum four (4) 1/2-inch SAE Grade 8 bolts for attachment. Other designs for mounting weight forward of front crossmember must be NHRA accepted prior to use. All other weight bars, pucks, etc. must use minimum 1/2-inch-diameter SAE Grade 8 bolts for attachment. See General Regulations 4:2.

GROUND CLEARANCE

Minimum 3 inches from front of vehicle to 12 inches behind centerline of front axle, 2 inches for remainder of vehicle, except oil pan and exhaust headers. See General Regulations 4:5.

PARACHUTE

Dual parachutes mandatory. Separate shroud-line mounting points required with ½-inch sleeved grade 8 bolts. See General Regulations 4:8.

ROLL CAGE

Chassis must have manufacturer's name, serial number, and date of manufacture. Chassis must meet SFI Spec 25.1E or 25.2. Plating of chassis prohibited; painting permitted. Chassis must be recertified yearly by NHRA and have serialized sticker affixed to roll cage before participation. Current three-year certification will be accepted until they expire. No vehicles will be inspected early to delay compliance. Roll-cage padding meeting SFI Spec 45.1 mandatory anywhere driver's helmet may come in contact with roll-cage components. Additional padding, mounted on flat stock and fastened to the roll cage on both sides of the driver's helmet, mandatory. Additional padding must be NHRA-accepted, securely mounted using bolts or locking fasteners, and must include a flame-retardant covering. A current list of NHRA-accepted lateral head supports is available on NHRA.com. See General Regulations 4:11.

WHEELBASE

Minimum 100 inches, maximum 115 inches. Full-size trucks, maximum 140 inches; S-10, Dakota, Ranger, maximum 125 inches. Maximum wheelbase variation from left to right: 2-inch.

TIRES & WHEELS: 5

TIRES

May not extend outside body line. All tires must have manufacturer, model, and size information clearly designated. Maximum height of front tires is 25 inches. See General Regulations 5:1.

WHEELS

SFI Spec 15.1 or 15.3 rear wheels measuring 16x16 inches with double bead locks or liners mandatory. Modification and/or lightening prohibited. Wheel discs or covers prohibited. See General Regulations 5:2.

INTERIOR: 6

SHEET METAL

Driver compartment interior must be aluminum, steel, or NHRA accepted carbon fiber. Magnesium prohibited. Sheet metal may not extend into rear window any higher than wheel tubs. Trunk must be completely separated from driver compartment with a firewall. See General Regulations 6:1.

UPHOLSTERY

Driver's seat must be minimum 24 inches high. Seat must be foamed with energy-absorbing material and formed to the driver's body. Minimum one-layer, flame-retardant material mandatory as seat upholstery. Removal of passenger seat permitted. Seat frame must be installed as a permanent part of the chassis. Headliner area must have a finished appearance. See General Regulations 6:2.

WINDOW NET

Window net meeting SFI Spec 27.1 mandatory. See General Regulations 6:3.

BODY: 7

BELLYPAN

Permitted on all cars.

BODY

Both doors must be functional from inside and outside. One-piece or Funny Car-type bodies prohibited. Front overhang not to exceed 45 inches forward of the front spindle. If front overhang of selected body is less than the maximum of 45 inches, an NHRA-accepted extension may be added to reach the maximum length. Lightweight aftermarket replica body components permitted as long as same appearance is retained for body being used. No holes permitted in rear of body. Two hinged openings with total maximum of 120 square inches permitted. Maximum 1-inch rocker panel extensions and fender flares (lips) permitted. Lip may not extend beyond forward half of wheel opening. New car plans must be submitted to NHRA for design approval prior to body construction, along with three photos of completed body prior to painting. All models must be accepted prior to competition. If a particular body style is creating conditions that are detrimental to the variety of the eliminator, adjustments may be made at any time, at the discretion of NHRA. All entries must incorporate a metal deflector (firewall extension) between the fenders and the leading edge of the doors such that fire, liquids, etc. can not come around the edge of the firewall and into the driver's compartment.

FIREWALL

Minimum .024-inch steel or titanium mandatory. Aluminum, magnesium, or composite prohibited. See General Regulations 7:4.

FLOOR

Replacing stock floors with .024-inch steel or .032-inch aluminum permitted. Replaced floors must be stock in appearance and location. Driver's-side floor pan must be steel and must be welded in place. Carbon fiber or composite materials are prohibited from being utilized in any portion of the flooring in the driver's compartment. Exceptions are: wheel tubs, suspension covers, transmission covers, or any panel behind the driver. Magnesium interior panels prohibited. See General Regulations 7:5.

HOOD & HOOD SCOOP

Permitted, one opening only. May not extend above the roof line. Must be finished and painted to follow body paint scheme. Sensors, transducers, vents, wiring, hoses, etc. prohibited inside hood scoop. A minimum of four fasteners must be used on the leading edge of all lift-off hoods.

WHEELWELLS

Rear wheel wells must be separate for each tire. Maximum height of rear wheel tubs from ground, 40 inches.

WINDSHIELD, WINDOWS

Full windows mandatory, 1/8-inch polycarbonate material permitted. Windows must be closed; need not be operative. Cutting and/or notching windshield permitted if covered by hood and/or scoop. Minimum 4-inch-diameter opening on side windows of all entries mandatory. See General Regulations 7:8.

WING/SPOILERS

Rear wing or spoiler must be NHRA-accepted prior to competition. Rear wing or spoiler may not be higher than the roof line unless OEM was higher.

ELECTRICAL: 8

BATTERY

Maximum two batteries; total weight wet, fully charged, including battery box: 100 pounds. See General Regulations 8:1.

IGNITION

Maximum one magneto or distributor, maximum one spark plug per cylinder. Magneto systems are limited to a single 44-amp maximum output system. The use of MSD 8973 unit is permitted on supercharged and turbocharged entries. The use of MSD 7531 unit is permitted on nitrous-assisted entries. Electronic starting line RPM limiters (two-steps) are permitted on all entries. See General Regulations 8:3.

MASTER CUTOFF

Mandatory. See General Regulations 8:4.

STARTER

All entries must be self starting with an onboard starter. See General Regulations 8:5.

TAILLIGHT

One functional taillight mandatory. See General Regulations 8:6.

SUPPORT GROUP: 9

COMPUTER/DATA RECORDERS

Data recorders permitted; must be standalone, NHRA-accepted, and used for information gathering only. A current list of NHRA-accepted data recorders is available on NHRA.com Digital dash display permitted. See General Regulations 9:1, 9:2, 9:11.

FIRE EXTINGUISHER SYSTEM

Minimum 20-pound NHRA-accepted fire extinguishing system mandatory. System must be divided so that a minimum of 15 pounds is directed into engine compartment by means of nozzled outlets placed in front of each bank of exhaust headers. Remaining 5 pounds or more should be dispersed in driver compartment by means of an atomizing nozzle placed at driver's feet. Must be installed per manufacturer's specifications. Fire bottle activation cables must be installed inside framerail where cables pass engine/bellhousing area. All cars are required to have a pneumatic cylinder, pressurized by the fire system that will activate the master kill switch and shut off the engine when fire system is activated. See General Regulations 9:3 for NHRA accepted fire extinguishing agents.

PRESSURIZED BOTTLES

Maximum one pressurized container per vehicle (excluding nitrous and fresh air system bottles). See General Regulations 9:8.

TOW VEHICLES

Permitted. See General Regulations 9:12.

WARM-UPS

See General Regulations 9:5, 9:14.

DRIVER: 10

APPEARANCE

All cars in competition must be painted, lettered/numbered, and professionally decaled. See General Regulations 7:2.

CREDENTIALS

Valid NHRA competition license mandatory. All competitors at NHRA Full Throttle national events must be a minimum of 18 years of age. See General Regulations 10:4.

DRIVER

Must be in stock location.

DRIVER RESTRAINT SYSTEM

Three-inch driver restraint system meeting SFI Spec 16.1 mandatory. Restraint system must be updated at two-year intervals from date of manufacture. See General Regulations 10:5.

HELMET

For all cars, a full-face Snell SA2000, SA2005, or SFI 31.2A helmet and shield mandatory (goggles prohibited). Eject Helmet Removal System (Part # SDR 890-01-30) mandatory and must be installed per manufacturer instructions. See General Regulations 10:7.

HEAD AND NECK RESTRAINT DEVICE/SYSTEM

At all times that the driver is in the race vehicle, from the ready line until the vehicle is on the return road, driver must properly utilize an SFI-approved head and neck restraint device/system, including connecting the helmet as required for full functionality of the device. The device/system must meet SFI Spec 38.1 and must display a valid SFI label. The head and neck restraint device/system, when connected, must conform to the manufacturer's mounting instructions, and it must be configured, maintained, and used in accordance with the manufacturer's instructions. See General Regulations 10:8.

PROTECTIVE CLOTHING

Driver's suit meeting SFI Spec 3.2A/20, SFI Spec 3.3/20 gloves, and SFI Spec 3.3/20 boots mandatory for supercharger entries and methanol-burning turbocharged entries. Driver's suit meeting SFI Spec 3.2A/15, SFI Spec 3.3/15 gloves and SFI Spec 3.3/15 boots mandatory for nitrous-assisted entries and gasoline-burning turbocharged entries. An SFI 3.3 head sock or SFI 3.3 skirted helmet is required on all cars, where a neck collar is not used. See General Regulations 10:10.

OUTLAW 10.5

DESIGNATION

O/L, preceded by car number.

Minimum weight at the conclusion of run, including driver:

- Nitrous-assisted Small Block Entries and any V-6 with any number of power adders (less than 500 cid) – 2,550 pounds, (greater than 500 cid) – 2,750 pounds
- Supercharged or Single Turbocharged Small Block Entries (less than 500 cid) – 2,900 pounds
- Twin Turbocharged Small Block Entries (less than 500 cid) – 2,950 pounds
- Nitrous-assisted Big Block Entries – 2,850 pounds
- Roots-type Supercharged Big Block Entries – 3,000 pounds
- Screw-type Supercharged or Turbocharged (Single or Twin) Big Block Entries – 3,050 pounds

REQUIREMENTS & SPECIFICATIONS

ENGINE: 1

ENGINE

One internal-combustion automotive-type engine permitted. Harmonic balancer meeting SFI spec 18.1 mandatory. See General Regulations 1:2.

EXHAUST SYSTEM

Competition exhaust systems permitted. Mufflers mandatory and must be functional (except turbocharged entries). Cone insert type mufflers prohibited. Exhaust must exit minimum of 12 inches behind centerline of front axle. See General Regulations 1:3.

FUEL

Racing gasoline or methanol permitted. The use of nitromethane or propylene oxide is prohibited. See General Regulations 1:6.

FUEL SYSTEM

See General Regulations 1:5.

INDUCTION

Carburetors, fuel injection, and electronic fuel injection permitted. See General Regulations 9:1.

LIQUID OVERFLOW

Catch-can mandatory for coolant overflow; one-pint (16-ounce) minimum capacity. See General Regulations 1:7.

NITROUS OXIDE

Prohibited on supercharged and turbocharged entries (except V-6's). Nitrous bottle(s) in driver compartment must be equipped with a relief valve and vented outside of driver's compartment. Bottle(s) must be stamped with a DOT-1800 pound rating and permanently mounted (no hose clamps or tie wraps). Hoses from bottle(s) to solenoid must be high-pressure steel-braided or NHRA-accepted hoses. Commercially available, thermostatically controlled, blanket-type warmer accepted. Any other external heating of bottle prohibited. See General Regulations 1:6.

OIL RETENTION DEVICE

All vehicles must utilize a NHRA-accepted lower engine oil-retention device; may use a belly pan in lieu of a device attached to the engine. The belly pan must extend from framerail to framerail and extend forward of the harmonic balancer and rearward to rear engine plate and must incorporate a minimum 2-inch-high lip on all sides. A nonflammable, oil-absorbent liner mandatory inside of retention device. See General Regulations 1:8.

RADIATOR

See General Regulations 1:1.

SUPERCHARGER

Restricted to standard or hi-helix roots-type, centrifugal-type, or D-rotor screw-type superchargers (C-rotor screw-type superchargers prohibited). Maximum supercharger overdrive limit is 110 percent for all combinations. Supercharger restraint system meeting SFI Spec 14.1 mandatory on roots-type supercharger. Screw-type supercharger must meet SFI Spec 34.1 and be re-inspected by the manufacturer every three years. For screw-type superchargers, manifold burst panel meeting SFI Spec 23.1 (in addition to panel in supercharger) plus restraint system meeting SFI Spec 14.21 mandatory. Supercharger drive must be belt, NHRA-accepted chain driver or NHRA-accepted gear drive. Supercharger restraint straps must be covered with a fire-resistant material. The supercharger restraint straps and fuel lines must be installed such that when the restraint straps are fully extended, no load is placed on any of the fuel lines. Air-to-air or water-to-air intercoolers permitted. See General Regulations 1:10.

THROTTLE

Throttle control must be manually operated by driver's foot. Electronics, pneumatics, or hydraulics or any other device may in no way affect the operation of the throttle. See General Regulations 1:12.

TURBOCHARGER

Turbocharged entries limited to 94mm maximum, inserts prohibited. Air-to-air or water-to-air intercoolers permitted. Turbocharger size will be verified by measuring the housing bore at the leading edge of the impeller wheel. The maximum diameter of the housing bore at the leading edge of the wheel may not exceed 2mm more than the maximum allowable turbocharger size permitted.

DRIVETRAIN: 2

CLUTCH, FLYWHEEL, FLYWHEEL SHIELD

Flywheel and clutch meeting SFI Spec 1.1, 1.2, 1.3, or 1.4 mandatory. Flywheel shield meeting SFI Spec 6.2 or 6.3 mandatory on all supercharged, turbocharged, or nitrous-assisted entries. Flywheel shield meeting SFI Spec 6.2 or 6.3 mandatory on all cars using SFI Spec 1.2 clutch with more than two discs or SFI Spec 1.3 or 1.4 clutches with two discs maximum. Flywheel shield meeting SFI Spec 6.2 mandatory on all cars using SFI 1.3 or 1.4 clutches with more than two discs. Multi-disc clutch assembly for supercharged, turbocharged, or nitrous-assisted entries must meet SFI Spec 1.5. See General Regulations 2:3, 2:5, 2:6, 2:10.

DRIVELINE

Each end of driveshaft must have rounded 360-degree driveshaft loops within 6 inches of U-joints. See General Regulations 2:4.

REAR END

Aftermarket axles and axle-retention device mandatory. Independent rear suspensions prohibited. See General Regulations 2:11.

TRANSMISSION, Automatic

Permitted. Must be equipped with a neutral safety switch and reverse lockout. Transmission shield meeting SFI Spec 4.1 mandatory. Automatic transmission flexplate meeting SFI Spec 29.1 and flexplate shield meeting SFI Spec 30.1 mandatory. See General Regulations 2:12, 2:14.

TRANSMISSION, Manual

Permitted. Aftermarket planetary-type transmission must be equipped with a SFI Spec 4.1 transmission shield. Aftermarket converter drive units permitted. When an

aftermarket converter drive is utilized a SFI Spec 6.1 or 6.3 flywheel shield and a SFI Spec 29.1 flexplate is mandatory. See General Regulations 2:12, 2:13, 2:14.

BRAKES & SUSPENSION: 3

BRAKES

Four-wheel hydraulic brakes mandatory. See General Regulations 3:1.

STEERING

If removable steering wheel is used, commercially available quick-disconnect steering wheel adapter meeting SFI Spec 42.1 mandatory. See General Regulations 3:3.

REAR SUSPENSION

Full automotive-type suspension mandatory. Minimum one hydraulic shock absorber per wheel. Rigid mounted suspensions prohibited. See General Regulations 3:2, 3:4, 3:5.

FRONT SUSPENSION

For 1980 and older vehicles: OEM type and configuration mandatory. Lower control arms must bolt to the K-member or cross member. No suspension components can mount to strut tube or lower main framerail. Aftermarket spindles and a-arms permitted. Modifying shock/strut towers permitted for exhaust and engine clearance only. Must retain at least 50% of original tower. Upper strut tube may be graphed into strut/shock tower. Spring and or shock may be relocated.

For 1981 and newer vehicles: Front suspension must meet Option #1 OR Option #2
Option # 1: Stock framerails mandatory. All other inner structure and uni-body support may be removed from the firewall forward. OEM suspension configuration mandatory.
Options #2: Aftermarket bolt-in sub-frame permitted. Must bolt-in unaltered OEM mounting locations. OEM suspension configuration mandatory. Bolt-in subframes must be from a manufacture with a designated part number and must be produced for the vehicle they were designed for from the manufacturer.

WHEELIE BARS

Permitted. Wheels must be non-metallic. See General Regulations 3:6.

FRAME: 4

BALLAST

Permitted. See General Regulations 4:2.

GROUND CLEARANCE

Minimum 3 inches from front of vehicle to 12 inches behind centerline of front axle, 2 inches for remainder of vehicle, except oil pan and exhaust headers. See General Regulations 4:5.

PARACHUTE

Dual parachutes mandatory. See General Regulations 4:8.

CHASSIS

Back-half chassis mandatory, full round tube chassis prohibited. Back half section must not extend forward of rear most section of K-member or cross member. Stock framerails from the firewall forward must be retained with a minimum of four inches forward of the front motor plate. Cars running 7.49 and quicker must meet SFI Spec 25.1E, 25.2, or 25.3. Cars running 7.50 and slower must meet SFI Spec 25.1E, 25.2, 25.3, 25.4, or 25.5. Plating of chassis prohibited; painting permitted. Chassis must be recertified every three years by NHRA and have serialized sticker affixed to roll cage before participation. Roll-cage padding meeting SFI Spec 45.1 mandatory anywhere driver's helmet may come in contact with roll-cage components. See General Regulations 4:11.

WHEELBASE

Must be OEM for body style used. Maximum variation from OEM +/- one inch.

TIRES & WHEELS: 5

TIRES

May not extend outside body line. All tires must have manufacturer, model, and size information clearly designated. Maximum 10.5 sidewall designation, or maximum 33 x 10.5w slicks, or 13.5 D.O.T. designation rear tire permitted. Maximum tread width of rear tire 12.0 inches with a maximum roll out of 105 inches. See General Regulations 5:1.

WHEELS

Must be automotive-type designed for racing. See General Regulations 5:2.

INTERIOR: 6

UPHOLSTERY

Stock or stock appearing dash mandatory for vehicle used. Composite or other lightweight material permitted. Door panels mandatory. See General Regulations 6:2.

WINDOW NET

Window net mandatory. See General Regulations 6:3.

BODY: 7

BODY

Body can be any OEM produced coupe, sedan, sports car, truck or sedan delivery. Complete OEM roof, quarter panels, door jams, pillar post, cowl and firewall mandatory. All other body components may be composite, fiberglass or aluminum material but must retain OEM dimensions. Channeling, chopping, sectioning or any other alterations to the length, width, height or contour of body or body components prohibited. Both doors must be functional from the inside and outside of vehicle. Front overhang not to exceed 42 inches forward of the front spindle. If OEM front overhang for selected body exceeds 42 inches then front overhang must retain exact OEM dimensions.

FIREWALL

Must be in OEM produced location. Notching for bell housing, distributor, supercharger and/or exhaust permitted. Smoothing of firewall permitted. Must consist of sheet metal (steel). Firewall may not be completely replaced with sheet metal. In cases of fiberglass or SMC firewall sheet metal must cover entire firewall. See General Regulations 7:4.

FLOOR

Stock floor may be replaced with .024 steel or .032 aluminum. Driver side floor must be steel and extend from firewall to rear of driver's seat and be welded into place. Magnesium prohibited from being used in driver compartment. See General Regulations 7:5.

HOOD/HOOD SCOOP

One piece lift-off type front end permitted. Hood must be separate from fenders and bumpers. Hood scoops permitted.

WINDSHIELD, WINDOWS

OEM glass windshield and windows may be replaced with Plexiglas, Lexan, or other shatterproof material, minimum 1/8 inch thick. See General Regulations 7:8.

SPOILERS

Permitted. Maximum length 20 inches from the body transition point to the trailing edge. Spoiler plates permitted maximum height 8 inches by 36 inches in length. Maximum width of spoiler not to exceed 4 inches wider than each side of deck lid or hatch.

ELECTRICAL: 8

BATTERIES

Batteries must be securely mounted, may not be located in driver compartment. See General Regulations 8:1.

DELAY BOX/DEVICE

Prohibited.

IGNITION

Any ignition system permitted. See General Regulations 8:3.

MASTER CUTOFF

Mandatory. See General Regulations 8:4.

STARTER

All entries must be self starting with an onboard starter. See General Regulations 8:5.

HEADLIGHT & TAILLIGHT

Functioning headlights and taillights mandatory and must be in the OEM location and must be stock in appearance. Taillight must function with the braking system. Vehicles with hide-away style headlamps permitted to have headlights behind headlight grill. Vehicles with hidden headlights that completely fold away (with no grills), permitted to use fog lights. One functional taillight mandatory. See General Regulations 8:6.

SUPPORT GROUP: 9

COMPUTER/DATA RECORDERS

Data recorders permitted. See General Regulations 9:1, 9:2, 9:11.

FIRE EXTINGUISHER SYSTEM

Minimum 5-pound NHRA-accepted fire extinguishing system mandatory. System must be divided so that a minimum of two nozzles are directed into engine compartment and minimum of one nozzle directed at the driver. Must be installed per manufacturer's specifications. Fire bottle activation cables must be installed inside framerail where cables pass engine/bellhousing area. See General Regulations 9:3 for NHRA-accepted fire extinguishing agents.

PRESSURIZED BOTTLES

Maximum one pressurized container per vehicle (excluding nitrous bottles). See General Regulations 9:8.

TOW VEHICLES

See General Regulations 9:12.

WARM-UPS

See General Regulations 9:5, 9:14.

DRIVER: 10

APPEARANCE

All cars in competition must be painted, lettered/numbered, and professionally decaled. See General Regulations 7:2.

CREDENTIALS

Valid NHRA competition license mandatory. See General Regulations 10:4.

DRIVER

Must be in stock location.

DRIVER RESTRAINT SYSTEM

Three-inch driver restraint system meeting SFI Spec 16.1 mandatory. Restraint system must be updated at two-year intervals from date of manufacture. See General Regulations 10:5.

HELMET

A full-face Snell M2000, M2005, M2010, K2005, SA2000, SA2005, SFI 31.2A, or 41.2A helmet and shield mandatory (goggles prohibited). See General Regulations 10:7.

HEAD AND NECK RESTRAINT DEVICE/SYSTEM

At all times that the driver is in the race vehicle, from the ready line until the vehicle is on the return road, driver must properly utilize an SFI-approved head and neck restraint device/system, including connecting the helmet as required for full functionality of the device. The device/system must meet SFI Spec 38.1 and must display a valid SFI label. The head and neck restraint device/system, when connected, must conform to the manufacturer's mounting instructions, and it must be configured, maintained, and used in accordance with the manufacturer's instructions. See General Regulations 10:8.

PROTECTIVE CLOTHING

Jacket and pants or suit meeting SFI Spec 3.2A/15, SFI Spec 3.3/5 gloves, and SFI Spec 3.3/5 boots mandatory. An SFI 3.3 head sock or SFI 3.3 skirted helmet is required on all cars, where a neck collar is not used. See General Regulations 10:10.

LIMITED STREET

DESIGNATION

L/S, preceded by car number.

Minimum weight at the conclusion of run, including driver:

- Nitrous-assisted Small Block Entries and any V-6 with any power adder (standard bore spacing) – 2,650 pounds
- Single Centrifugal-type Supercharged Small Block Entries (standard bore spacing) – 3,050 pounds
- Single Turbocharged Small Block Entries – 3,050 pounds
- Twin Turbocharged Small Block Entries – 3,100 pounds
- Nitrous-assisted Big Block Entries (706 cid maximum) – 2,950 pounds
- Nitrous-assisted Big Block Entries (greater than 706 cid) – 3,050 pounds
- Single or Twin Turbocharged Big Block Entries – 3,200 pounds
- Supercharged Entries – 3,200 pounds

REQUIREMENTS & SPECIFICATIONS

ENGINE: 1

ENGINE

One internal-combustion automotive-type engine permitted. Engine must be in stock location. Harmonic balancer meeting SFI spec 18.1 mandatory. See General Regulations 1:2.

EXHAUST SYSTEM

Competition exhaust systems permitted. Mufflers mandatory and must be functional (except turbocharged entries). Cone insert type mufflers prohibited. Exhaust must exit minimum of 12 inches behind centerline of front axle. See General Regulations 1:3.

FUEL

Racing gasoline or methanol permitted. The use of nitromethane or propylene oxide is prohibited. See General Regulations 1:6.

FUEL SYSTEM

See General Regulations 1:5.

INDUCTION

Carburetors, fuel injection, and electronic fuel injection permitted. See General Regulations 9:1.

LIQUID OVERFLOW

Catch-can mandatory for coolant overflow; one-pint (16-ounce) minimum capacity. See General Regulations 1:7.

NITROUS OXIDE

Prohibited on supercharged and turbocharged entries. Nitrous bottle(s) in driver compartment must be equipped with a relief valve and vented outside of driver's compartment. Bottle(s) must be stamped with a DOT-1800 pound rating and permanently mounted (no hose clamps or tie wraps). Hoses from bottle(s) to solenoid must be high-pressure steel-braided or NHRA-accepted hoses. Commercially available, thermostatically controlled, blanket-type warmer accepted. Any other external heating of bottle prohibited. See General Regulations 1:6.

OIL RETENTION DEVICE

Permitted. See General Regulations 1:8.

RADIATOR

See General Regulations 1:1.

SUPERCHARGER

Restricted to standard or hi-helix roots-type, centrifugal-type, or D-rotor screw-type superchargers (C-rotor screw-type superchargers prohibited). Maximum supercharger overdrive limit is 100 percent for all combinations. Supercharger restraint system meeting SFI Spec 14.1 mandatory on roots-type supercharger. Screw-type supercharger must meet SFI Spec 34.1 and be re-inspected by the manufacturer every three years. For screw-type superchargers, manifold burst panel meeting SFI Spec 23.1 (in addition to panel in supercharger) plus restraint system meeting SFI Spec 14.21 mandatory. Supercharger drive must be belt, NHRA-accepted chain driver or NHRA-accepted gear drive. Supercharger restraint straps must be covered with a fire-resistant material. The supercharger restraint straps and fuel lines must be installed such that when the restraint straps are fully extended, no load is placed on any of the fuel lines. Air-to-air or water-to-air intercoolers permitted on centrifugal supercharged entries. See General Regulations 1:10.

THROTTLE

Throttle control must be manually operated by driver's foot. Electronics, pneumatics, or hydraulics or any other device may in no way affect the operation of the throttle. See General Regulations 1:12.

TURBOCHARGER

Twin turbocharged entries limited to 91mm maximum, inserts prohibited. Air-to-air or water-to-air intercoolers permitted. Turbocharger size will be verified by measuring the housing bore at the leading edge of the impeller wheel. The maximum diameter of the housing bore at the leading edge of the wheel may not exceed 2mm more than the maximum allowable turbocharger size permitted.

DRIVETRAIN: 2

CLUTCH, FLYWHEEL, FLYWHEEL SHIELD

Flywheel and clutch meeting SFI Spec 1.1, 1.2, 1.3 or 1.4 mandatory. Flywheel shield meeting SFI Spec 6.1, 6.2 or 6.3 mandatory. See General Regulations 2:3, 2:5, 2:6, 2:10.

DRIVELINE

Full 360-degree driveshaft loop mandatory. See General Regulations 2:4.

REAR END

Aftermarket axles and axle-retention device mandatory. Independent rear suspensions prohibited. See General Regulations 2:11.

TRANSMISSION, Automatic

Any OEM type permitted. Must be equipped with a neutral safety switch and reverse lockout. Transmission brake permitted, electric transbrake release system only. Transmission shield meeting SFI Spec 4.1 mandatory. Automatic transmission flexplate meeting SFI Spec 29.1 and flexplate shield meeting SFI Spec 30.1 mandatory. See General Regulations 2:12, 2:14.

TRANSMISSION, Manual

Any OEM type permitted. See General Regulations 2:12, 2:13, 2:14.

BRAKES & SUSPENSION: 3

BRAKES

Four-wheel hydraulic brakes mandatory. See General Regulations 3:1.

STEERING

See General Regulations 3:3.

REAR SUSPENSION

Full automotive-type suspension mandatory. Minimum one hydraulic shock absorber per wheel. Rigid mounted suspensions prohibited. See General Regulations 3:2, 3:4, 3:5.

FRONT SUSPENSION

Stock front frame rails and suspension mandatory. Aftermarket control arms and bushings permitted as long as they bolt in stock locations. Rack and pinion steering permitted. Aftermarket coil over shocks and aftermarket stock replacement struts permitted, but must bolt in stock location with the exception of aftermarket K-member. In the case of K-member cars, the upper control arm must bolt in stock location, but the K-member and lower control arms must still be removable. Aftermarket bolt-in sub-frame permitted. Must bolt-in unaltered OEM mounting locations. OEM suspension configuration mandatory. Bolt-in subframes must be from a manufacture with a designated part number and must be produced for the vehicle they were designed for from the manufacturer. Cross member may be notched for oil pan clearance.

WHEELIE BARS

Prohibited.

FRAME: 4

BALLAST

Permitted. See General Regulations 4:2.

GROUND CLEARANCE

Minimum 4 inches from front of vehicle to 12 inches behind centerline of front axle, 3 inches for remainder of vehicle, except oil pan and exhaust headers. See General Regulations 4:5.

PARACHUTE

Mandatory. See General Regulations 4:8.

CHASSIS

Chassis must meet SFI Spec 25.4 or 25.5. Plating of chassis prohibited; painting permitted. Chassis must be recertified every three years by NHRA and have serialized sticker affixed to roll cage before participation. Roll-cage padding meeting SFI Spec 45.1 mandatory anywhere driver's helmet may come in contact with roll-cage components. See General Regulations 4:11.

WHEELBASE

Must be OEM for body style used. Maximum variation from OEM +/- one inch.

TIRES & WHEELS: 5

TIRES

May not extend outside body line. All tires must have manufacturer, model, and size information clearly designated. Maximum 30 x 10.5 slicks, or 13.5R-15 D.O.T. designation rear tire permitted. "W" tires prohibited. Hoosier tire, part number 18192D05 prohibited. See General Regulations 5:1.

WHEELS

Must be automotive-type designed for racing. Maximum width 13 inches. See General Regulations 5:2.

INTERIOR: 6

UPHOLSTERY

Full interior mandatory, including stock appearing dash, dash pad, carpet, door panels and both front seats in stock location. Rear seat is optional only if area under it is

carpeted. Dash pad may be notched for roll cage clearance. See General Regulations 6:2.

WINDOW NET

Window net mandatory. See General Regulations 6:3.

BODY: 7

BODY

Body can be any OEM produced coupe, sedan, sports car, truck or sedan delivery. Stock body lines must be retained. Body must be stock appearing. Chopping, channeling, sectioning or any other alterations to contour, length, width, height is prohibited. Fiberglass body panels restricted to hood, bumpers, doors, deck lid, and inner fenders. All fiberglass parts must retain original factory body lines, dimensions, and factory appearance. Factory grill and headlights mandatory. Inner fenders are mandatory but may be notched for header or roll cage clearance.

FIREWALL

Stock firewall in stock location mandatory. Smoothing of firewall permitted. Clearance of firewall for bellhousing, distributor, supercharger, or intercooler permitted. No part of the engine may contact firewall. See General Regulations 7:4.

FLOOR

Stock factory floor pans mandatory to reach the rear most point of door jam. See General Regulations 7:5.

HOOD SCOOP

Forward facing hood scoops permitted but must be no higher than the halfway position on windshield.

WINDSHIELD, WINDOWS

Lexan front windshields, door glass, and rear windshields permitted but must retain stock appearance (no visible fasteners of any kind). See General Regulations 7:8.

SPOILERS

Factory spoilers permitted. Aftermarket spoilers permitted; maximum length 17 inches from mounting point.

ELECTRICAL: 8

BATTERIES

Batteries must be securely mounted, may not be located in driver compartment. See General Regulations 8:1.

DELAY BOX/DEVICE

Prohibited.

IGNITION

Any ignition system permitted. See General Regulations 8:3.

MASTER CUTOFF

Mandatory. See General Regulations 8:4.

STARTER

All entries must be self starting with an onboard starter. See General Regulations 8:5.

HEADLIGHT & TAILLIGHT

Functioning headlights and taillights mandatory and must be in the OEM location and must be stock in appearance. Taillight must function with the braking system. See General Regulations 8:6.

SUPPORT GROUP: 9

COMPUTER/DATA RECORDERS

Data recorders permitted. Progressive nitrous controllers permitted. See General Regulations 9:1, 9:2, 9:11.

FIRE EXTINGUISHER SYSTEM

Permitted; must be securely mounted. See General Regulations 9:3 for NHRA-accepted fire extinguishing agents.

PRESSURIZED BOTTLES

Maximum one pressurized container per vehicle (excluding nitrous bottles). See General Regulations 9:8.

TOW VEHICLES

See General Regulations 9:12.

WARM-UPS

See General Regulations 9:5, 9:14.

DRIVER: 10

APPEARANCE

All cars in competition must be painted, lettered/numbered, and professionally decaled. See General Regulations 7:2.

CREDENTIALS

Valid NHRA competition license mandatory. See General Regulations 10:4.

DRIVER

Must be in stock location.

DRIVER RESTRAINT SYSTEM

Three-inch driver restraint system meeting SFI Spec 16.1 mandatory. Restraint system must be updated at two-year intervals from date of manufacture. See General Regulations 10:5.

HELMET

For all cars, a full-face Snell M2000, M2005, M2010, K2005, SA2000, SA2005, SFI 31.2A, or 41.2A helmet and shield mandatory (goggles prohibited). See General Regulations 10:7.

NECK COLLAR

Neck collar meeting SFI Spec 3.3 mandatory. A head and neck restraint device/system may be used in lieu of a neck collar. See General Regulations 10:8.

PROTECTIVE CLOTHING

Jacket and pants meeting SFI Spec 3.2A/5 and SFI Spec 3.3/1 gloves mandatory; except supercharged or turbocharged methanol-burning entries; jacket and pants or suit meeting SFI Spec 3.2A/15, SFI Spec 3.3/5 gloves, and SFI Spec 3.3/5 boots or shoes. An SFI 3.3 head sock or SFI 3.3 skirted helmet is required on all cars, where a neck collar is not used. See General Regulations 10:10.

EZ STREET

DESIGNATION

E/Z, preceded by car number.

Minimum weight at the conclusion of run, including driver:

- Nitrous-assisted Small Block (maximum two systems) – 2,750 pounds (sheet metal intake add 100 pounds)
- Nitrous-assisted Big Block (maximum two systems) – 3,200 pounds (sheet metal intake add 100 pounds)
- Turbocharged Small Block Entries (400 cid maximum) – 3,200 pounds
- Turbocharged Big Block Entries – 3,300 pounds
- Centrifugal or Roots-type Supercharged Small Block Entries (400 cid maximum) – 3,100 pounds
- Centrifugal or Roots-type Supercharged Big Block Entries – 3,300 pounds

REQUIREMENTS & SPECIFICATIONS

ENGINE: 1

ENGINE

One internal-combustion automotive-type engine permitted. Maximum 650 cid. Maximum deck height for Big Block Chevy 10.500" and Big Block Ford 11.333". Harmonic balancer meeting SFI spec 18.1 mandatory. Engine must be in stock location. See General Regulations 1:2.

EXHAUST SYSTEM

Competition exhaust systems permitted. Mufflers mandatory and must be functional. Cone insert type mufflers prohibited. Exhaust must exit minimum of 12 inches behind centerline of front axle. See General Regulations 1:3.

FUEL

Racing gasoline or methanol permitted. The use of nitromethane or propylene oxide is prohibited. See General Regulations 1:6.

FUEL SYSTEM

See General Regulations 1:5.

INDUCTION

Carburetors, fuel injection, and electronic fuel injection permitted. See General Regulations 9:1.

LIQUID OVERFLOW

Catch-can mandatory for coolant overflow; one-pint (16-ounce) minimum capacity. See General Regulations 1:7.

NITROUS OXIDE

Prohibited on supercharged and turbocharged entries. Nitrous bottle(s) in driver compartment must be equipped with a relief valve and vented outside of driver's compartment. Bottle(s) must be stamped with a DOT-1800 pound rating and permanently mounted (no hose clamps or tie wraps). Hoses from bottle(s) to solenoid must be high-pressure steel-braided or NHRA-accepted hoses. Commercially available, thermostatically controlled, blanket-type warmer accepted. Any other external heating of bottle prohibited. See General Regulations 1:6.

OIL RENTENION DEVICE

Permitted. See General Regulations 1:8.

RADIATOR

See General Regulations 1:1.

SUPERCHARGER

Restricted to standard or hi-helix roots-type or centrifugal-type (F2 or smaller). Supercharger restraint system meeting SFI Spec 14.1 mandatory on roots-type supercharger. Supercharger drive must be belt, NHRA-accepted chain driver or NHRA-accepted gear drive. Supercharger restraint straps must be covered with a fire-resistant material. The supercharger restraint straps and fuel lines must be installed such that when the restraint straps are fully extended, no load is placed on any of the fuel lines. Air-to-air or water-to-air intercoolers permitted on centrifugal supercharged entries. See General Regulations 1:10.

THROTTLE

Throttle control must be manually operated by driver's foot. Electronics, pneumatics, or hydraulics or any other device may in no way affect the operation of the throttle. See General Regulations 1:12.

TURBOCHARGER

Turbocharged entries limited to 94mm maximum, inserts prohibited. Air-to-air or water-to-air intercoolers permitted. Turbocharger size will be verified by measuring the housing bore at the leading edge of the impeller wheel. The maximum diameter of the housing bore at the leading edge of the wheel may not exceed 2mm more than the maximum allowable turbocharger size permitted.

DRIVETRAIN: 2

CLUTCH, FLYWHEEL, FLYWHEEL SHIELD

Flywheel and clutch meeting SFI Spec 1.1, 1.2, 1.3 or 1.4 mandatory. Flywheel shield meeting SFI Spec 6.1, 6.2 or 6.3 mandatory. See General Regulations 2:3, 2:5, 2:6, 2:10.

DRIVELINE

Full 360-degree driveshaft loop mandatory. See General Regulations 2:4.

REAR END

Aftermarket axles and axle-retention device mandatory. Independent rear suspensions prohibited. See General Regulations 2:11.

TRANSMISSION, Automatic

Any OEM type permitted. Must be equipped with a neutral safety switch and reverse lockout. Transmission brake permitted, electric transbrake release system only.

Transmission shield meeting SFI Spec 4.1 mandatory. Automatic transmission flexplate meeting SFI Spec 29.1 and flexplate shield meeting SFI Spec 30.1 mandatory. See General Regulations 2:12, 2:14.

TRANSMISSION, Manual

Any OEM type permitted. See General Regulations 2:12, 2:13, 2:14.

BRAKES & SUSPENSION: 3

BRAKES

Four-wheel hydraulic brakes mandatory. See General Regulations 3:1.

STEERING

See General Regulations 3:3.

REAR SUSPENSION

Stock suspension mandatory. Bolt on traction devices permitted. Ladder bars permitted. Aftermarket four link suspensions prohibited. Coil-over type shocks permitted. Welded anti-roll devices permitted. See General Regulations 3:2, 3:4, 3:5.

FRONT SUSPENSION

Stock front frame rails and suspension mandatory. Aftermarket control arms and bushings permitted as long as they bolt in stock locations. Rack and pinion steering

permitted. Aftermarket coil over shocks and aftermarket stock replacement struts permitted, but must bolt in stock location. Aftermarket K-members permitted. Aftermarket bolt-in sub-frame permitted. Must bolt-in unaltered OEM mounting locations. OEM suspension configuration mandatory. Bolt-in subframes must be from a manufacture with a designated part number and must be produced for the vehicle they were designed for from the manufacturer.

WHEELIE BARS

Prohibited.

FRAME: 4

BALLAST

Permitted. See General Regulations 4:2.

GROUND CLEARANCE

Minimum 4 inches from front of vehicle to 12 inches behind centerline of front axle, 3 inches for remainder of vehicle, except oil pan and exhaust headers. See General Regulations 4:5.

PARACHUTE

Mandatory. See General Regulations 4:8.

CHASSIS

Chassis must meet SFI Spec 25.4 or 25.5. Plating of chassis prohibited; painting permitted. Chassis must be recertified every three years by NHRA and have serialized sticker affixed to roll cage before participation. Roll-cage padding meeting SFI Spec 45.1 mandatory anywhere driver's helmet may come in contact with roll-cage components. See General Regulations 4:11.

WHEELBASE

Must be OEM for body style used. Maximum variation from OEM +/- one inch.

TIRES & WHEELS: 5

TIRES

May not extend outside body line. Drag radial tires mandatory, maximum size 325 x 50 x 15. Competitors utilizing a tire size of 295 x 55 x 15 or 275 x 60 x 15 may deduct 100 pounds.

WHEELS

Must be automotive-type designed for racing. Maximum width 12 inches. See General Regulations 5:2.

INTERIOR: 6

UPHOLSTERY

Full interior mandatory, including stock appearing dash, dash pad, carpet, door panels and both front seats in stock location. Rear seat is optional only if area under it is carpeted. Dash pad may be notched for roll cage clearance. See General Regulations 6:2.

WINDOW NET

Window net mandatory. See General Regulations 6:3.

BODY: 7

BODY

Body can be any OEM produced coupe, sedan, sports car, truck or sedan delivery. Stock body lines must be retained. Body must be stock appearing. Chopping,

channeling, sectioning or any other alterations to contour, length, width, height is prohibited. Factory grill and headlights mandatory. Inner fenders are mandatory but may be notched for header or roll cage clearance.

FIREWALL

Stock firewall in stock location mandatory. Smoothing of firewall permitted. Clearance of firewall for bellhousing, distributor, supercharger, or intercooler permitted. No part of the engine may contact firewall. See General Regulations 7:4.

FLOOR

Stock front floor pans mandatory from front to rear but may be notched or clearance for subframe connectors. See General Regulations 7:5.

HOOD SCOOP

Permitted but must be no higher than the halfway position on windshield.

WINDSHIELD, WINDOWS

Must retain factory glass. Lexan or similar materials prohibited. See General Regulations 7:8.

SPOILERS

Factory spoilers permitted. Aftermarket spoilers permitted; maximum length 17 inches from transition point on deck lid to rear of spoiler.

ELECTRICAL: 8

BATTERIES

Batteries must be securely mounted, may not be located in driver compartment. See General Regulations 8:1.

DELAY BOX/DEVICE

Prohibited.

IGNITION

Any ignition system permitted. See General Regulations 8:3.

MASTER CUTOFF

Mandatory. See General Regulations 8:4.

STARTER

All entries must be self starting with an onboard starter. See General Regulations 8:5.

HEADLIGHT & TAILLIGHT

Functioning headlights and taillights mandatory and must be in the OEM location and must be stock in appearance. Taillight must function with the braking system. See General Regulations 8:6.

SUPPORT GROUP: 9

COMPUTER/DATA RECORDERS

Data recorders permitted. See General Regulations 9:1, 9:2, 9:11.

FIRE EXTINGUISHER SYSTEM

Permitted; must be securely mounted. See General Regulations 9:3 for NHRA-accepted fire extinguishing agents.

PRESSURIZED BOTTLES

Maximum one pressurized container per vehicle (excluding nitrous bottles). See General Regulations 9:8.

TOW VEHICLES

See General Regulations 9:12.

WARM-UPS

See General Regulations 9:5, 9:14.

DRIVER: 10

APPERANCE

All cars in competition must be painted, lettered/numbered, and professionally decaled. See General Regulations 7:2.

CREDENTIALS

Valid NHRA competition license mandatory. See General Regulations 10:4.

DRIVER

Must be in stock location.

DRIVER RESTRAINT SYSTEM

Three-inch driver restraint system meeting SFI Spec 16.1 mandatory. Restraint system must be updated at two-year intervals from date of manufacture. See General Regulations 10:5.

HELMET

A full-face Snell M2000, M2005, M2010, K2005, SA2000, SA2005, SFI 31.2A, or 41.2A helmet mandatory. See General Regulations 10:7.

NECK COLLAR

Neck collar meeting SFI Spec 3.3 mandatory. A head and neck restraint device/system may be used in lieu of a neck collar. See General Regulations 10:8.

PROTECTIVE CLOTHING

Jacket and pants meeting SFI Spec 3.2A/5 and SFI Spec 3.3/1 gloves mandatory; except supercharged or turbocharged methanol-burning entries; jacket and pants or suit meeting SFI Spec 3.2A/15, SFI Spec 3.3/5 gloves, and SFI Spec 3.3/5 boots or shoes . An SFI 3.3 head sock or SFI 3.3 skirted helmet is required on all cars, where a neck collar is not used. See General Regulations 10:10.

HEADS-UP INDEX CLASSES

DESIGNATION

There will be 7 Heads-Up index classes contested at all NHRA Unleashed events. These Heads-Up Index classes are reserved for full-bodied cars with full fenders, hoods, grille, top, windshield, and functional doors. The 7 classes are as follows:

- 9.00 Heads-Up index (.400 Pro Tree)
- 9.50 Heads-Up index (.400 Pro Tree)
- 8.50 Heads-Up index (.400 Pro Tree)
- 10.00 Heads-Up index (.400 Pro Tree)
- 11.00 Heads-Up index (.500 Pro Tree)
- 12.00 Heads-Up index (.500 Pro Tree)
- 13.00 Heads-Up index (.500 Pro Tree)

For rules and regulations refer to the following websites for the appropriate E.T. and vehicle type being used:

http://www.nhra.com/UserFiles/file/Section_4_ET.pdf

http://www.nhra.com/UserFiles/file/General_Regulations.pdf

ELECTRONICS RULES FOR HEADS-UP INDEX CLASSES

- Delay boxes and/or timed throttle stops prohibited
- Mechanical type throttle stops permitted. Any adjustment during run prohibited
- Timers of any kind associated with, but not limited to, fuel and/or nitrous delivery, throttle control, vehicle performance criteria, etc. are strictly prohibited
- Transmission brakes permitted
- Two-steps permitted