



All Motor M1 Class Rules

AS OF: 1/23/2022

- NHRA Safety Rules Apply
 - 1/4 Mile Race
- Heads Up, .400 Pro Tree, Red Light Loses
 - 16-Car Field
- Catch-pan / Diaper Required

All Motor

Honda Displacement limit of 2700cc or 2.7L , excluding J series (J series limit is 3.7L).**

Minimum weights

Honda:

J-Series = 2100lbs

K-Series and F2K = 1950lbs*

H-Series and H2B =1750lbs

B-Series = 1650lbs

*K or F Series motors with 99mm stroke = 1800lbs.

*K or F Series motors with 102mm stroke = 1900lbs

*K or F Series motors with 106mm stroke = 1950lbs

VW:

Vr6 = 2050lbs

2.0 = 1800lbs

Nissan:

4cyl sr20 = 1800lbs

CLASS REQUIREMENTS

ENGINE:

Any 4 or 6 Cylinder engine permitted.

ENGINE CONTAINMENT DEVICE:

Engine diaper or catch pan device to capture oil and debris in event of engine failure mandatory. Where exhaust header passes directly under oil pan, two piece diaper may be utilized. FWD vehicles using OEM manual transmission case must also have such a device for the transmission, to capture oil and debris in event of transmission failure. If catch pan device is used, catch pan must employ minimum of 2 inch high lips on all sides. Lips must be covered or curved inward, so as to contain oil in pan. Catch pan must cover entire area below engine/transmission. In all cases, lips must be adequate enough to contain oil in the catch pan. Should a competitor spill excessive oil from the

catch pan and debris onto the track, he or she may be disqualified from further competition at the sole and absolute discretion of the event director until catch pan is upgraded, regardless of height of pan lips or pan design.

FUEL:

Pure Methanol only!! Fuel checks will be done multiple ways ensure no additives are being used.

FUEL SYSTEM:

Fuel cells permitted. NHRA guidelines MUST be followed. Any fuel pumps allowed.

TRANSMISSION:

Automated, timer type, pneumatic, electric, electronic, hydraulic, etc. shifting mechanism prohibited; each individual shift must be a function of the driver and controlled manually DRIVER MUST PULL THE LEVER!!!. Any type clutch permitted. Sequential transmissions permitted.

BRAKES:

Four wheel hydraulic brakes mandatory. Staging brake allowed.

SUSPENSION, FRONT:

Must maintain original factory configuration. Aftermarket lower control arms, strut tower braces, lower tie bars, sway bars and limit straps are permitted. ALL OEM suspension mounts/attachment points must be utilized.

SUSPENSION, REAR:

Must maintain original factory configuration. Aftermarket lower control arms, strut tower braces, lower tie bars, sway bars and limit straps are permitted. Rear suspension must maintain minimum shock travel of 1 inch. All rear suspensions must use at least one working shock absorber per wheel. Suspension modifications limited to bolt on items only. ALL OEM suspension

mounts/attachment points must be utilized. Spindle mount rear wheels permitted. Solid axles prohibited.

WHEELIE BARS:

Prohibited.

CHASSIS:

OEM chassis, with complete OEM floorpan and firewall mandatory. Wheel tubs, backhalf conversions, tube chassis, etc. prohibited. Must retain FWD configuration; rear drive conversions prohibited. Engine must be located in OEM location for body used.

GROUND CLEARANCE:

Minimum 3 inches from front of car to 12 inches behind centerline of front axle, 2 inches for remainder of car. 3 inch ground clearance rule will be in effect. **Your front end must have at least 3 inches of ground clearance so that it does not trip the beams. If the tech staff feels your car is too low, they may measure it and ask that you raise it if it does not pass.**

WHEELBASE:

Must retain original wheelbase for body used, plus or minus 1 inch. Maximum wheelbase variation from left to right is 1 inch.

TIRES:

DOT or racing slicks permitted with a maximum width of 10.0 inches and maximum height of 25.0 inches. Retreads, space-saver spares, or any other non-DOT-approved tire prohibited.

BEAM TRIPPER:

Permitted. May not extend more than 45" passed the centerline of the front wheel.

FIREWALL:

Complete OEM firewall mandatory. Mini tubing prohibited.

FLOOR:

OEM floorpan, front to rear, mandatory.

STREET EQUIPMENT:

Both taillights and at least 1 headlight mandatory.

WINDSHIELD/WINDOWS:

All windows are allowed to be Lexan. All Lexan windows must resemble and appear as OEM windows. If Lexan windows are being used on driver's side and passenger side doors, a window latching mechanism may be utilized. Window deletes are not permitted..

FIRE EXTINGUISHER SYSTEM:

Not mandatory but HIGHLY RECOMMENDED!!

CREDENTIALS:

All competitors must have competition number and membership number. Valid NHRA competition license mandatory for driver of any vehicle running 9.99 or quicker. All drivers running 10.00 seconds or slower must have a valid state- or government-issued driver's license beyond a learner's-permit level or valid NHRA competition license. See NHRA General Regulations 10:4.

TOW VEHICLES

Permitted. Vehicles must get to scales under own its own power. If vehicle is disabled and cannot get to the scales under its own power, the vehicles crewmember(s) must stop at the scales first to notify the tech officials. A tech official will then escort the crewmember(s) in the retrieval of the vehicle.