

High Speed Autocross Technical Inspection

Vehicle Number

Class / Cat.

Drivers Name

Year

Make

Model

Color

Drivers – make sure you have filled out the white portion below before arriving at tech.

Vehicle – General

- ☐ Steering / Suspension - perfect mechanical condition, nothing loose
- ☐ Windshield – no serious cracks or damage
- ☐ Bodywork – no sharp edges, rust, clean/well prepared appearance
- ☐ Engine / Drivetrain – all fluids checked, belts/hoses, caps secure, no leaks, radiator full
- ☐ Battery – secure and hot terminal (red) completely covered
- ☐ Vehicle Emptied – nothing loose in cabin, trunk emptied w/ spare tire removed
- ☐ Vehicles with a removable tow eye hook – Installed or secured in vehicle

Vehicle – Identification

- ☐ Numbers Displayed – size and location as required
- ☐ Class / Category – displayed on windshield
- ☐ HPDE Group - displayed on windshield

HPDE Group (see back page):

Brakes

- ☐ Brake Fluid Reservoir – fluid level full and clean
- ☐ Brake Pedal – firm pedal feel
- ☐ Brake Shoes / Pads – driver checked and seated
- ☐ Brake Lights - All working

Tires / Wheels

- ☐ Tire Condition – suitable for use, no defects
- ☐ Lug Nuts – all present and torqued
- ☐ Tread – Racing tires (slicks) only allowed in Race
- ☐ Wheels – hubcaps, trim rings removed
- ☐ Write tire wear rating here _____

Vehicle Points Assessment

Use the information on the back of this sheet to determine how many Modification points should be assessed. Circle any points that apply to your vehicle. If you need any help or explanation with this, please just ask.

_____ Stock Points (from GCR) Assessed

_____ Modification Points Assessed

Safety Equipment

- ☐ Helmet – Snell 2015 or newer with SA, M or K rating
- ☐ Clothing – long pants, long sleeve cotton shirt, full coverage shoes
- ☐ Does the vehicle have the required driver restraints installed?

Roll Bars

Is vehicle considered an open top or convertible?

☐ No - Pass☐ Yes - Is an approved roll bar installed?☐ No - Fail☐ Yes - Is the top of the helmet 2 inches below the top of the roll bar?☐ No - Fail☐ Yes - Driver have Arm Restraints?☐ No - Fail☐ Yes - Pass

Waiver

It is the responsibility of the competitor to ensure that his/her car is Safe to race before putting it on the track in any practice or race session and to ensure that it is competing in its correct class according to Midwestern Council's "General Competition Rules".

I am fully responsible for all items on this tech form and certify that the information above is correct and meets the rules of Midwestern Council of Sports Car Clubs.

Competitor's Signature

Date

Event Location

Tech Inspectors
Initial this Section

Vehicle – General

Pass

Fail

Vehicle Identification

Pass

Fail

Brakes

Pass

Fail

Tires / Wheels

Pass

Fail

Points Assessment

Pass

Fail

Safety Equipment

Pass

Fail

Annual Presented

Waiver

Pass

Fail

Point Assessment Schedule

The point assessment schedule will be used to place a vehicle into the proper category when any modifications are made to the vehicle. "Bumping" of a vehicle will occur when certain modifications are judged to offer a competitive advantage to other vehicles in the prescribed category. Points are assessed at technical inspection for such modifications. The addition of modification points, including Stock Assessment Points (SPA) within the Classification List, if any, is used to determine when a vehicle is to be bumped to a higher category:

Dealer-installed options that are not available from the factory are considered vehicle modifications from the base model. The modifications should be assessed appropriate points as listed. Points will be assessed at tech as follows:

Points	Today	
4		Tires, Wheels and Suspension
4		Adjustable non-factory air spring
3		Coil-over addition -or- kit (additional camber adjustability is allowed),
1		Tires with a wear rating less than 140
1		Change of rim width, per full inch increment of increase
1		Suspension bushing replacement, excluding sway bars and shock absorbers
1,1		Sway bar revision or addition: Front=1; Rear=1
2		Change of spring rate (Including modifications of stock springs i.e. cutting off coils)
2		Other/additional suspension modification, including pan hard or track bar
1		Camber plates or other alignment hardware enhancement or changes
1		Chassis stiffening (per each system)
2		Brake conversion, including LB1 option
		Engine
1		Engine displacement change (per each 3% increase)
1		Engine Swap; All engine swaps will be classed in the appropriate Race or Street Tire Class
1		Removal or tampering with emission control device, per device (ie Air Pump, EGR)
1		Removal of catalytic converter(s)
2		Intake manifold change, modification or adaptor
1		Air intake modification (air box) excluding filter element change
2		Camshaft change
2		Valve size change and/or head modifications
4		Port Modification (rotary engine)
1		ECU tunes for Naturally Aspirated Motors for Alternate Fuels (E85)
4		Ignition and/or computer module change (turbo or supercharged engine)
1		Exhaust manifold change (ie Headers)
2		Open exhaust and/or muffler removal (does not include catalytic removal point)
1		Exhaust system enhancement (beyond manifold and converter changes) (ie Cat back, downpipe)
1		Accessory drive revisions, including underdrive pulleys
3		Turbo/supercharger system modification or replacement; includes any non- "computer" based mod related to boost control; does NOT include engine computer module points
4		Turbocharger or supercharger addition, not including Intercooler
2		Intercooler change or replacement
3		Intercooler addition
		Other
2		Final gear ratio changes less than or equal to 20% (from stock or factory-delivered option)
3		Gear ratio change greater than 20% (from stock or factory-delivered option)
2		Limited Slip differential, except exact replacement of stock or factory delivered option
1		Replacement of driver's seat with racing seat (Only for vehicles which do not require a lap and shoulder harness
2,1,4		Obvious attempt of weight reduction or weight transfer, i.e., removal of each bumper, removal of or replacement of each body panel, each Plexiglas window panel, battery relocation, etc., per modification (first modification = 2; subsequent modifications = 1; maximum = 4)
1,2		Addition of Non-original aerodynamic device (i.e. Wing, Splitter, Air Dam) per device 1 point (max of 2 Points)
1		Any addition of a "kit / system" will be assessed an SPA for each individual component / part added.
		Other points may be assessed for modifications not stated here by the chief Tech Inspector (1-point maximum per modification)
		Total Points Assessed for This Vehicle

Total Points Assessed determines Category

0-2	Stays in Stock Category
3-9	Bump to Prepared Category
10-22	Bump to Modified Category
23+	Move to Race or Street Class

HPDE GROUPS

1. Novice / Beginner
2. Intermediate
3. Advanced
4. Comp License