

# 2018 Driver Dynamics Classification System

**Summary** Classes are to be divided by points. There will be four classes

The base points of a vehicle will be the HP/3 the car had in stock form.

Modifications will have a point value associated.

The total of the base points and modification points will be the final value the competitor's vehicle would be assigned.

**Classes** The four classes will be divided by the following point ranges:

- Stock Under 70 points, no <200 treadware tires allowed
- Super Stock: 70 to 110 points
- Street Prepared: Over 110 points <Modified
- Modified (Race cars, significant modifications, I.E., Engine swap, extreme lightening, must be running on <200 treadwear, R-compound, or non-DOT tires)

## Weight Correction Factor

- Over 2700lbs -(negative)10 points
- Over **3100lbs** -(negative)15 points
- Over **3500lbs** -(negative)20 points

**Modifications** Modifications that may accrue additional point values are divided into the following groups:

- Engine and Drive Train,
- Suspension and Running Gear,
- Weight Reduction, and
- Tires

The following modifications are free:

- Locked or welded Differential
- Removal of Emissions control
- Intake ahead of throttle body.
- Braces, modifications for reliability (no significant performance gain)

## Engine and Drive Train

- Headers, (5 points)
- Exhaust - Header Back , (5 points),
- Fuel/air System - Carb or FI change, intercooler (5 points),
- Engine Internals - Cam, Pistons, displacement, etc, (5 points each)
- Engine Externals - Flywheel, Pulleys (5 points)
- Limited Slip - where not an OE option (10 points)

The following modifications are worth as indicated:

- Controllers (ECM/Management chips) (Manufactures reported hp value/3 = points), and
- Turbo/Supercharger (4 points/lb of boost)

## Suspension and Running Gear

The following modifications are worth 5 points each:

- Sway Bars (Front & Rear) (5 points for each bar)
- Strut inserts or shocks ( Externally Adjustable)
- Springs (Full set of 4)
- Rim Diameter (1" or more under OEM size)
- Rim Width (1" or more over OEM size)
- Alignment (exceeding maximum settings as possible by stock equipment)

### **Weight Reduction**

The following modifications are worth 5 points each:

- Reasonable weight reduction is a free modification (i.e. seat substitution).
  - Modifications such as seat removal (front or back)
  - Bumper removal
  - Lightweight Body panel (IE, carbon fiber, unobtainium, or fiberglass replacements)
- Removal of interior panels is worth 5-15 points depending on extent.

### **Tires**

- <201 treadwear rating      30 points
- R-Compound Tires            50 points

### **Final Approval**

Certain cars which have displayed performance characteristics outside the calculated points range, will be classified based on performance as fairly as possible to achieve a fair and competitive playing field.

Final decision on a vehicle's classification will be decided by  
The Driver Dynamics Team.