



CORVETTES OF MASS SPORTS CAR CLUB

2021 Rules, Regulations and Car Classifications

Revision: 2021 – 1.1

2021 Rules, Regulations and Car Classifications

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The club maintains a website (www.comscc.com and www.comscc.org) and is also active on social media. Members are encouraged to visit our internet sites for updated information about events, rules changes and event results.

Registration for all club events may be found on www.motorsportsreg.com

Current contact information for the officers and BOD members, as well as links for submitting questions or rule change requests, may be found on our website.

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Note on rule changes:

The Rules, Regulations, and Car Classifications outlined in this document are the official rules of the COM Sports Car Club. The rules and any changes to the rules are voted by the COM Board of Directors before being included or changed in this document. This document is in effect for one full year.

Rules may be changed throughout the year as deemed necessary by the Board of Directors, with the exception of car classifications. Individual car classifications and assessments may be established or changed during the competition season by a majority vote of the Team of Stewards for new and not otherwise classified cars and assessments or cars classified in error.

COMSCC members are encouraged to voice their opinions, recommendations, and comments regarding rule changes. Recommendations can be presented in writing to the Rules Chairman, Board of Directors, Chief Steward, elected COM Officer, or in person at the General and Board meetings held on the third Wednesday of each month. General and Board meetings held in October and November are used to gather and consolidate potential rule changes, debate the potential rule changes, and vote consideration of all proposed rule changes.

Where rules have been materially changed, text **Highlighted in Yellow**. **Participants are encouraged to read carefully the entire text.** The following table lists all update rules for the 2021 Rulebook:

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| 2021 Updated Rules | Page (Ctl+click link) |
|--|-----------------------------|
| <p data-bbox="110 432 277 459">Section III.A.5</p> <p data-bbox="110 493 1336 737">Drivers and passengers must wear a Snell Foundation M, SA, or EA approved safety helmet at all times while on track. Helmets must fit properly, and the neck strap must be secured. Helmets may be modified to accept a “HANS” (or similar) component mounting as needed. Helmets must display a Snell Foundation sticker (typically inside under the liner) with “M2015”, “SA2015”, M2020” or “SA2020” or “EA2016”. COMSCC recommends a closed- face style helmet, however open face, as long as it is Snell-approved, will be accepted. COM also recommends the helmet have an integral clear face shield; some tracks (New Jersey specifically) require a face shield even in closed cars. The Snell Foundation revises its standard every 5 years.</p> <p data-bbox="110 768 1336 856">COMSCC’s policy is to update this rule every 5 years to ensure helmets are no more than 10 years old. For 2021, we are allowing existing M2010 and SA2010 helmets to be used through the final event. COM reserves the right to reject for use any helmet that appears damaged or otherwise unsafe.</p> <p data-bbox="110 919 1211 947">Note: Change is to update helmet dates, and allow one year carry-over on 2010 helmets</p> | 18 |

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Section VII.C.(4)

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- 1) Starting with the 2021 season, any competitor that submits a new Dyno sheet as part of their Touring OR Super Class declaration must provide the Stewards with a dyno sheet that includes the following information:
 - a. Dynamometer make and model.
 - b. Name and phone number of the shop doing the assessment
 - c. Date that the car was tested
 - d. Driver's name and car year make model
 - e. Graph of no less than 3 "pulls" including their peak horsepower and torque values. HP/Torque on the Y axis, and rpm on the X-Axis. SAE J1349 Rev Jun 90 correction shall be used, with a smoothing factor of 5. RPM shall be measured using an inductive sensor from the dyno, not using the car's ECU or OBD port.
 - f. The dyno graphs must show decreasing power for 1500 rpm from the Maximum hp level, OR the car must reach the rev limiter during the dyno test
 - g. The car must be tested in the gear producing the highest HP ratings; generally, this is whichever gear is 1:1 ratio.
 - h. Car shall be tested in "As raced" configuration – tires at appropriate pressure, any air cleaner or intake restrictor in place, ECU tune booster controller settings etc.

The above requirements are not an unusual burden on the dyno operator or competitor to provide, most of this is already on the print-out that the dyno software creates, and match closely what other competition organizations also require. There are data fields available to the dyno operator that allow insertion on the print-out of the information required above. It is the member's responsibility to collect a dyno sheet from the dyno shop that includes this information printed on it. Dyno sheets submitted that do not include the above are subject to review by the club stewards and may be rejected as means for assigning engine points to a car. As allowed in rulebook section VIII F (5) and (6), Super Class entrants may use the alternate means provided there for declaring power/weight and therefore class.

Any material changes to the engine or its control (ECU) require a fresh dyno sheet be submitted before the next competition event.

See also rulebook section VII.F.1.2.d, also updated in 2021, that requires any dyno sheet submitted to be no more than 3 years old.

Sheets submitted that are less than 3 years old (dated no earlier than Jan 1 2019) should meet the above requirements but will not be rejected if they do not.

Going forward, we will be updating our dyno sheet requirements to be in harmony with other organizations (NASA, for example), where actual "area under the curve" is considered, which is a more accurate measure of performance. So, if you are getting a new dyno sheet done from this point forward, you would be well ahead if you bring the NASA dyno certification form with you and collect the information as specified in it. You should also collect the Dynojet Run Files (".DRF") that are created when your car is dynoed. These are files that can be opened by the Dynojet "WinPEP 7 Dyno Run Viewer" program. Any Dyno sheet submitted after July 1 2021 should include this information.

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| <p>Section VII.D.(1).b</p> <p>b. Front Passenger seat – must be an automotive seat, safely mounted, and suitable for an adult passenger; passenger seat may be removed when a “Petty Bar” is installed</p> <p>Note: Change is that front passenger seat is no longer required in Touring Classes. This only applies where the driver is licensed with COMSCC; students must have a passenger seat as described in section IV. H</p> | 41 |
| <p>Section VII.E.(1).b</p> <p>b. Convert the weight-to-power ratio to a meaningful points value for classification within Touring Class, this is achieved by multiplying the ratio by -4.25 and adding 112...</p> <p>Note: constant adjusted from 114 to 112, see below</p> | 42 |
| <p>Section VII.E.(1).d (new)</p> <p>d. For 2021, the existing Performance adjustment figure for each car is being multiplied by 1.5.</p> <p>Note – Change for 2021 is to adjust the “Performance Adjustment” formula by multiplying the existing assigned factors by 1.5. The effect is to spread the cars apart points-wise in the charts, in combination with the above adjustment to the factor 114 to 112.</p> | 42 |

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Section VII.F.(1)

The Modification Assessment for engine modifications can be determined in one of 3 ways:

- 1) Competitor adds points for any and all assessments listed in the “Engine Modification Points Chart “ below. Refer to the chart for descriptions & point values. Certain modifications require the use of a “dyno” (see chart and spreadsheet) and must use (2) below.
- 2) Competitor provides the Stewards with peak SAE corrected horsepower and torque figures from a Dynojet chassis dynamometer, indicating peak wheel horsepower and torque. The Steward will then determine the total number of Engine Modification Points using the following process:
 - (a) If necessary, estimate crank power by converting the wheel-power figures (horsepower and torque) to crank power figures, using the following drivetrain type and dyno type conversion table:

| Rear Wheel Drive or Front Wheel Drive | All-Wheel Drive |
|---------------------------------------|--------------------------|
| 13% loss, divide by 0.87 | 16% loss, divide by 0.84 |

- (b) Apply the same showroom assessment base class formula (described above in D.1.a and b) to determine the assessment, substituting the new power figures to determine the Engine Modification assessment to be applied.
- (c) If a competitor chooses to use the dynamometer method to determine Engine Modification points, the following must be provided to the Stewards to determine the engine modification assessment:
 - (i) Competitor must complete the “Engine Modifications worksheet” portion of the COMSCC Touring Classification tool “Engine” tab. This information is recorded so stewards & fellow competitors know how many engine modification points would have been required without the use of the dyno reclassification horsepower and torque numbers, and understand clearly what modifications were in place on the vehicle when the dyno session took place. These points are not added or subtracted from the engine points determined by the ‘Dyno Engine Modification Assessment’ calculated.

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| <p>(ii) Competitor must complete the “Dyno Reclass Option” portion of the COMSCC Touring Classification Tool, entering Peak Hp, Peak Torque, and Drivetrain Type. Scaled Power and Points are calculated using the factor and formula noted previously.</p> <p>(iii) The spreadsheet will calculate the Engine Modification points using both methods. The Competitor must select on the spreadsheet which figure they are declaring.</p> <p>(iv) The maximum negative points allowed by using the dyno reclass option is limited to -2.0 points</p> <p>(v) Increases in engine modification points utilizing the dyno method is unlimited.</p> <p>(d) A submitted dyno sheet is good for no more than 3 years from the date of the test. After 3 years a fresh sheet must be provided. A sheet will be considered in compliance for the duration of the 3rd season ie; a sheet dated May 2020 would be good thru the end of the 2022 season.</p> <p>Note: Change to the application of the Dyno points calculation. Section re-written for clarity, please read carefully</p> | |
| <p>Section VII.F.(2)</p> <p>Transmission points:</p> <p>6 points - Sequential Gearbox 4 points - Non-sequential (H pattern”) Dogbox gearbox 3 points - Dual clutch transmission - DSG, DCT, PDK, etc 3 points - 7 speed or more automatic transmission - GM HydraMatic 10L90 and 10L80, Ford 10R80, ZF HP8, Mercedes 7G-Tronic etc 1 point - Automated single clutch manual transmission - SMG, Ferrari F1, Lambo E-Gear etc 1 point - Manual transmission with autoblip, either factory (Nissan 370Z, BMW M2, C7 Corvette, Porsche) or aftermarket add-on 0 points - 5 or 6 speed manual transmission -1 point - 3 or 4 speed manual transmission -2 points - Automatic transmission with 6 speeds or less -2 points - CVT transmission</p> <p>Note: Extensive addition as the prevalence of more capable transmissions is seen</p> | 51 |

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| <p>Section VII.F.(2)</p> <p>Driveline points:</p> <p>0.5 Points - Non-factory specification clutch, pressure plate, and/or clutch assembly 0 points - Non-Factory Trim/modified flywheel</p> <p>Note: Reduced from 1 to 0.5 points, and made flywheel free</p> | 51 |
| <p>Section VII.E.(7)</p> <p>The tire manufacturers are constantly updating designs, and have been found to be "creative" in their treadwear declarations. The Stewards team reserves the right to adjust a tire's rating if the initial points assigned by COM are found to be significantly under or over what they should be based on real-world experiences.</p> | 61 |
| <p>Section VII.F.(7)</p> <p>Added or moved on the Tire list:</p> <p>Goodyear Supercar 3R -----1 Point</p> <p>BFGoodrich Rival S 1.5 ----- -2.5 point</p> <p>Michelin Pilot Sport Cup 2----- -2.5 point</p> <p>Goodyear Supercar G:2 ----- -3.5 point</p> <p>Goodyear Supercar 3 ----- -3.5 point</p> <p>Hankook Ventus RS-4 ----- -5.0 point</p> | 61 |

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Section VII.F.(8)

Tire Width Modification Assessment is based on the average width of the widest front and the widest rear tire run during competition. Competitor must determine Tire Width Modification Assessment using the table and calculation below to determine the TOTAL Assessment for Tire Width. Tire width points will be assessed based on how much wider or narrower the average of the competitor's widest front and rear tires is from this Class Baseline Tire Width. Tire width is taken as the dimension in mm molded into the tire sidewall- not an actual measurement of the tread or contact patch. *Note – tire diameter and profile are free. Stock or factory Trim tire width for a particular vehicle is irrelevant.*

| Competition Class | T100 | T90 | T80 | T70 | T60 | T50 | T40 | T30 |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| Baseline tire width | 315m m | 305m m | 285m m | 265m m | 245m m | 225m m | 205m m | 185mm |

Assessment for tire width is based on the average of the front and rear tire widths, calculated by adding the front tire width and the rear tire width and dividing by two. For example, if a vehicle is equipped with 225mm tires in the front and 255mm tires in the rear, the tire width assessed will be $(225+255)/2$ or 240mm.

This tire width is then compared to the baseline tire width for the class the car is competing in. If you are running the tire width equal to the baseline for your class, your tire width points are zero.

For tire widths wider or narrower than the baseline tire width above add (for wider) or subtract (for narrower) at a factor of 1 point for every 20 mm of tire width (or .25 points per 5mm) to determine the Tire Width assessment. See chart below for examples:

| Example | Baseline width for class selected | Width of tires used in competition (calculated if using two different widths) | Amount to add or subtract (for ski |
|---------|-----------------------------------|---|------------------------------------|
| 1 | 185mm (T30) | 195 mm | 0.50 points |
| 2 | 185mm (T30) | 205mm | 1 point |

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| 3 | 205mm (T40) | 225mm | 1 point |
| 4 | 205mm (T40) | 240mm | 1.75 points |
| 5 | 225mm (T50) | 205mm | -1.0 point |
| 6 | 225mm (T50) | 250mm $((235\text{mm} + 265\text{mm})/2)$ | 1.25 points |
| 7 | 245mm (T60) | 225mm | -1 point |
| 8 | 245mm(T60) | 210mm $((195\text{mm}+225\text{mm})/2)$ | -1.75 points |
| 9 | 265mm (T70) | 275mm | 0.5 points |
| 10 | 285mm (T80) | 275mm | -0.5 points |
| 11 | 305mm(T90) | 290mm $((275\text{mm}+305\text{mm})/2)$ | -0.75 points |
| 12 | 315mm(T100) | 275mm | -2 points |

Note – Wheel width and/or diameter is free, including offset, provided that the rim width used is among the rim widths recommend by the tire manufacturer for that particular tire size. Spacers up to ½” in width may be used, provided all lug/stud thread requirements are satisfied (see Car Requirements section for details). Rolling and/or flaring of fenders is also permitted. Non-Factory Trim spacers, lug nuts, and studs are free.

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I. GENERAL

COM Sports Car Club (COMSCC) is one of the oldest active sports car clubs in the country.

Starting from a humble beginning in 1958 as one of the early Corvette Clubs (Corvettes of Massachusetts [COM]), COM has grown into a general interest car club that has a diverse and loyal membership in the greater Northeast United States and Canada.

The club has a long-standing reputation for excellence in high-speed driving instruction and competitive time trials on sports car tracks around the Northeast U.S. and Canada.

The club is run by an all-volunteer group and we encourage all of our members to get involved.

The COM Sports Car Club is a not-for-profit organization with membership open to any person interested in sports cars and sports car events. The overall goals of COMSCC's Driver Schools and Time Trial Event are to:

- Conduct a track event that puts everyone's safety first.
- Provide a driving instruction program that allows drivers to acquire and develop skillful driving techniques for enhanced driving pleasure and improved competitive ability.
- Provide a time trial competition format that rewards both speed and consistency and includes a trophy class for every car that wishes to compete, provided it meets the safety requirements outlined in these rules.
- Maximize track time.

COM time trials are run in the spirit of good sportsmanship and are designed to provide competition for sports cars, racing cars and sedans. Entrants are not guaranteed competitiveness for any vehicle in any class.

Because there are a wide variety of cars participating in the Time Trial events, COM has established a car classing system to provide competitive categories where cars of similar capabilities are competing with each other for points within each class. There are a total of 14 classes; 8 "Touring" classes and 6 "Super" classes. Specific details, including determination of a given car's class, are in later sections of this rule book.

A. Tracks COM uses

COM has approved the following course configurations for Drivers Schools and Time Trials:

- New Hampshire Motor Speedway:
 - North Chicane - South Oval; Counter Clockwise Direction

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- North Chicane - South Chicane; Counter Clockwise Direction
- North Oval - South Chicane; Counter Clockwise Direction
- Summit Point Motorsports Park
 - Summit Point Circuit - Clockwise Direction
 - Shenandoah Circuit - Counter Clockwise Direction
- Circuit Mont-Tremblant
 - Short Course, Clockwise Direction
 - Long Course, Clockwise Direction
- Lime Rock Park: Clockwise Direction
- Watkins Glen International
 - Short Course, Clockwise Direction
 - Long Course, Clockwise Direction
- Canadian Tire Motorsport Park –CTMP (Formerly Mosport International) - Clockwise Direction
- Calabogie Motorsports Park - Long Course, Clockwise Direction
- Monticello Motor Club – Long Course, Clockwise Direction
- New Jersey Motorsports Park – Thunderbolt
 - Long Course, Clockwise Direction
 - Short Course, Clockwise Direction
- New Jersey Motorsports Park- Lightning - Clockwise Direction
- Thompson Speedway Motorsports Park
 - Road Course, Clockwise Direction
- Palmer Motorsports Park
 - Road Course, Counter Clockwise Direction
 - Road Course, Clockwise direction
- Canaan Motor Club, Canaan NH
 - Road Course, Clockwise Direction
- Club Motorsports, Tamworth NH

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- Road Course, Clockwise Direction

II. ENTRY PROCEDURE

A. Registration

In order to register for a COM event, a participant must be a current member of COMSCC in good standing and hold a valid driver's license issued by the state or province in which they reside. Each participant must have registered and paid via the COM website (via link to motorsportsreg.com) prior to the event. All competitors must have a valid state driver's license available during the check-in registration. Same day registration and/or payment are strongly discouraged and will only be available with prior consent from the Registrar.

B. Competition Entry

A driver may only submit one-time card, declaring only one class, and may only run once (except in case of a re-run as allowed elsewhere in this rule book) per Time Trial. Multiple entry fees paid, in order to run in multiple classes or multiple cars, will not be allowed.

C. Late Entries

A tardy participant is one who arrives to an event after check-in registration has closed. Tardy participants may only enter the event after approval of the Event Chairperson (or Chief Instructor during drivers' school days), or will otherwise be turned away at the event.

D. Tech Inspection at Each Event

Drivers must present themselves and their car each morning of the event for Technical Inspection. Generally speaking, "Tech" opens 5 minutes after Registration opens each day and closes one hour later. Location will be in the paddock area, and may be done "in place", or require the driver and car to queue up in the Tech Line – Drivers will be advised on the details either at the track or in the communication before the event when possible.

The tech inspection is focused on Safety, not car classification. In the Tech line, compliance to the Driver Requirements (outlined in section III) and Car Requirements (outlined in Section IV) of this rulebook will be confirmed.

Drivers must have all safety gear with them and ready for inspection. Driver must have the tech sheet provided to them at Registration, to provide to the Tech inspector. Cars must be presented "ready to run" - i.e.; on "track" tires if in use, numbers applied, loose gear removed, etc. Driver MUST remain with the car at all times in the Tech line. If the car is dual- driven, both drivers must be present with tech sheets and gear ready for inspection.

The Tech Inspector will complete the tech sheet, checking all items as he/she is inspecting the car and driver's gear. At successful completion of the inspection, the day's Tech sticker will be applied to the front windscreen driver's side where it may be seen easily by the track pit-out control person.

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III. DRIVER REQUIREMENTS

A. General

- 1) Drivers must be at least 18 years of age. Due to constantly changing insurance regulations and state laws, drivers under 21 years of age may be required to produce a signed and notarized release form. Please contact registration well in advance of event for further information and appropriate forms if necessary.
- 2) Driving a car on a race track requires your full attention and can be both stressful and tiring. COM's primary goal is to run a safe event for all participants. Prospective drivers, if they have a disability or medical condition that could affect their ability to take instruction and operate their car, must disclose their condition at time of registration. While COM is committed to allowing all who wish to share our love of high-performance driving attend our event, we reserve the right to decline a registration if we aren't convinced your condition can be accommodated, to ensure your safety and that of the other participants.
- 3) A Driver Competition Log (DCL) will be issued to each driver at his/her first event upon producing a valid State Driver's license.
- 4) A driver will be classified as a student until his/her Driver Competition Log is signed by the Chief Instructor for a COM Time Trial license. Before being allowed to compete in a Time Trial, a driver must have a COMSCC Competition License or be classified as "Safe to Solo" by his/her individual Instructor. "Safe to Solo" will apply to the one full practice and time trial day following the school day only- that is, the second day of the event. For the next event, the driver will sign up as a student again, until the COM Time Trial license is earned.
- 5) Drivers and passengers must wear a Snell Foundation M, SA, or EA approved safety helmet at all times while on track. Helmets must fit properly, and the neck strap must be secured. Helmets may be modified to accept a "HANS" (or similar) component mounting as needed. Helmets must display a Snell Foundation sticker (typically inside under the liner) with "M2015", "SA2015", M2020" or "SA2020" or "EA2016". COMSCC recommends a closed- face style helmet, however open face, as long as it is Snell-approved, will be accepted. COM also recommends the helmet have an integral clear face shield; some tracks (New Jersey specifically) require a face shield even in closed cars. The Snell Foundation revises its standard every 5 years.

COMSCC's policy is to update this rule every 5 years to ensure helmets are no more than 10 years old. For 2021, we are allowing existing M2010 and SA2010 helmets to be used through the final event. COM reserves the right to reject for use any helmet that appears damaged or otherwise unsafe
- 6) In an open car, occupants must wear the following while on course:

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- a. Goggles or face shield; if vehicle is equipped with a stock windshield, eyeglasses, or sunglasses will be accepted.
 - b. Properly adjusted arm restrains; SFI approved, worn in conjunction with the safety belt.
 - c. For the purposes of this rule, an “open car” is defined as a convertible, Targa, T-Top, or other vehicle that has no solid roof structure as delivered from the factory (e.g. formula car, sports racer, etc.) An open car with a soft top raised is still considered an open car.
 - d. An open car with a hardtop in place is considered a closed car for the purposes of this rule only
- 7) Occupants must wear, at minimum, long sleeves, long pants and suitable footwear. Shoes with “cleats”, heavy boots and sandals are not permitted. Fire resistant suits and gloves and suitable footwear are recommended in all cars. NYLON CLOTHING IS NOT ALLOWED.
 - 8) Occupants of vehicles that are classified in a Super Class, have acquired 31 or more Touring Class Modification Assessment points, or have acquired 16 or more Touring Class Engine Modification Assessment Points are required to wear a minimum of a single layer fire resistant, full length suit and gloves and suitable footwear.
 - 9) At no time during the Time Trial or on-track session will passengers be allowed on the course unless one occupant is a COM instructor or a person designated by the Chief Instructor. All occupants must be COMSCC members and registered for the event.

B. Passing

- 1) Passing is allowed only in those areas defined at the Driver's Meeting.
- 2) Drivers being overtaken by other cars are expected to:
 - 3) Remain on the racing line
 - 4) Signal to the overtaking driver on which side he/she would prefer the pass to be performed
- 5) If the passing driver does not receive a point-by signal within a reasonable length of time, he/she may inform corner workers with a “pit-in/catch” signal (closed fist extended outside the driver's window). Corner workers shall call Control upon acknowledgment of the signal and Control will then make a Black Flag decision, possibly directing the unyielding driver into the pits for consultation.
- 6) A point-by signal is only an acknowledgment of the presence of the passing car and an indication of the preferred side for the pass to take place. It is in no way a command for the passing driver to execute the pass. The passing driver may not pass without having received a point-by. If the driver chooses to pass, they shall pass on the side directed.

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- 7) It is always the responsibility of the passing driver to execute a safe pass within the defined passing zone. Should a driver execute a pass without having received a point-by and cause what is deemed by the Event Chair as an unsafe situation, proper disciplinary actions will be taken.

C. Licensing

- 1) COMSCC Licenses are issued for an initial period of three (3) years. Following the initial three (3) year period, licensed members must participate in at least one (1) COMSCC event per year to maintain an active license. At the discretion of the Chief Instructor, members whose licenses have lapsed may be required to attend a COMSCC event as a Student in order to reactivate their license.
- 2) The Chief Instructor may temporarily suspend or permanently revoke the COMSCC license of any member whose driving or on-track behavior is considered a significant safety risk. License suspensions and removals may be appealed in writing to the Board of Directors.

D. Pit & Paddock Conduct

- 1) Consumption or being under the influence of alcoholic beverages and/or intoxicating drugs before the completion of the last run of the day (or end of driver's school) will cause immediate disqualification and possible ejection from the event with no refund. This rule includes drivers, crew, officials, guests, and workers.
- 2) Unsafe, reckless, or unsportsmanlike driving or behavior anywhere on the course, in the pits, on the access roads, or any other area within COM's jurisdiction is grounds for immediate disqualification and possible ejection from the event with no refund.
- 3) All pets must be leashed at all times. Please check with the track before you make the trip, to ensure they permit pets at all on the grounds.
- 4) Shirts, long pants and shoes are required in pit lane and on track. Some tracks require helmets (e.g., bicycle helmets) in the hot pits; this will be covered in the driver's meeting if it is a track requirement
- 5) No one under 16 is allowed in the pits or on the track while the track is open.
- 6) A driver is responsible for the actions of his pit crew and guests, including 1, 2, 3, 4, and 5 above.
- 7) No cars are allowed to loiter or reverse in pit lane, unless directed or permitted by the Chief of Control.

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IV. GENERAL CAR REQUIREMENTS

These requirements are applicable to all cars participating in a COM event - test day, driver's school, lapping sessions, time trial, or open track. These requirements are focused on the condition of the car and the safety of the driver and other participants. See section VII for requirements regarding a car's CLASS for time trial purposes.

Compliance to these requirements is the responsibility of the car's owner(s). Enforcement of these rules is the responsibility of the Chief of Tech and his/her assistants. Car owners are expected to review these requirements and make their car compliant well before presenting their car for inspection ("the Tech Line") on the morning of the event.

Please note these are "General" requirements. There may be more specific requirements in Section VII. CAR CLASSIFICATION SYSTEM, particularly for Touring Class cars, that must be complied with as well.

Any vehicle or driver failing to comply with any item in paragraphs 1 through 8 below will not be allowed to run until the failed items are corrected.

A. Tires and Wheels

- 1) Higher than normal inflation pressures are recommended for competition. Consult an Instructor if you have any questions.
- 2) No cuts, bruises, ply separations, or body rubbing on the sidewalls is allowed.
- 3) All wheels must be free from bends or cracks.
- 4) Wire wheels will be rejected if they have more than two adjacent loose spokes or more than three total loose spokes on a wheel.
- 5) Hub caps and trim rings must be removed.
- 6) All lug nuts (or wheel bolts) must be in place and tight. It is recommended that nuts be torqued to specification. In addition, every stud must be long enough to thread into the lug nut a length at least equal to the stud diameter. For example, a 1/2" thread diameter must thread into the lug nut at least 1/2". Closed end lug nuts are allowed, but it's the competitor's responsibility, for his own safety, to confirm this minimum engagement is met.

B. Brakes

- 1) Wheel bearings must have minimal play.
- 2) Brake fluid reservoir must be full. All wheels must be free from bends or cracks.
- 3) Brakes must be capable of stopping the car quickly and in a straight line. Hub caps and trim rings must be removed.

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- 4) All vehicles are strongly recommended to run braided brake lines, as COM drivers have experienced failures with new OEM flex lines while on track. In particular, Ford Mustang Cobra 1994-1998 must not use "as delivered" front flex lines.
- 5) Use of aftermarket cross-drilled rotors is discouraged.

C. Suspension

- 1) Suspension must be suitable for high speed cornering and handling. Loose, soft, or worn shock absorbers, soft springs, sloppy ball joints, etc., are grounds for rejection of the car.
- 2) Drag racing suspension modifications such as car-raising, "Up Loc" or similar weight transfer devices, etc., are entirely unsuitable for controlled cornering and shall cause rejection.
- 3) Steering gear and linkage must have minimal play.

D. Engine Compartment

- 1) Engine compartment must be clean with no oil, water, or gas leaks. Hoses, lines, wiring and belts must be in good condition and securely mounted. The battery must be securely mounted. Exhaust system must be firmly mounted.
- 2) Exhaust system must be firmly mounted to the car with proper hangers. Additional mufflers, turn-downs etc. added to reduce noise must be securely attached, and in place when the car is presented for Tech Inspection.
- 3) The use of nitrous oxide is prohibited in all classes. Cars having nitrous systems installed shall indicate such on the pre-registration form and tech sheet. The nitrous supply (bottle) shall be unhooked and removed from the car. Removal shall be verified at tech inspection.

E. Automobile Exterior

- 1) Cars must be generally neat, clean, and suitable for the event.
- 2) All exposed headlights and glass lenses must be completely covered with tape. Plastic lenses need not be taped. Clear tape is allowed. All cars must have operative and exposed brake lights, except Super Unlimited class cars. Super Unlimited class cars must have rain lights.
- 3) Removable hardtops may be removed and convertible tops may be lowered. T tops on 914s, X1/9s, Corvettes, etc., will be allowed if they are structurally sound. Tonneau covers or any soft removable cavity cover must be removed.
- 4) All cars, except Super Class cars, must be equipped with a full height and width windshield. Side windows on the front driver's and passenger doors will be all the way open unless noted at the drivers meeting. Rear windows may remain closed. Window nets are highly recommended.

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- 5) All cars on track must be identified with the car number assigned by the Club Registrar. The registrar maintains the master list of all car numbers and their “owners” within the club. A specific number may be requested at time of registration, and will be assigned if it is available, otherwise the registrar will assign any available number. Once a number is assigned to a driver, it remains with that driver. Drivers may lose ownership of a particular number after 3 years if there has been no paid registration for a COM event in that period; or sooner if the member is no longer in good standing, at the Registrar’s discretion. If a car has painted-on numbers and changes owners within the club, the number may be re-assigned to the new owner if both parties and the registrar agree.
 - a. Car numbers will be number 0-9s with modifiers letters A-Z when needed. Numbers may be 1, 2, 3 or 4 digits. If leading zeros are included in the number assigned by the Registrar, they must be included on the car - i.e.: numbers 9, 09, 009, and 0009 are all unique car numbers, the zeros count!
 - b. Car numbers are required on both sides AND THE REAR of the car; class designation on the sides only. Car numbers and class must be placed on the car before Tech Inspection. Magnetic numbers are permissible provided they are secured to the vehicle, which is the responsibility of the driver of the vehicle.
 - c. All markings must be of contrasting color to the car or window, or on a contrasting background, to be easily readable. Numbers must have a minimum height of six (6) inches, 8 inches is better. Class designations must have a minimum height of 3 inches and should always be smaller than the car number in order to make the car NUMBER clear to the observer. Numbers and class designation shall be on vertical panels or vertical windows. Rear numbers, in order to be seen by other drivers on track AND not hinder the driver’s rear vision, shall be on the rear bumper or a rear vertical panel; not on the rear window. Rear Numbers should be at least 4" high, 6 is better if possible.
 - d. Novice drivers (students and licensed for less than 1 year) will place three vertical stripes in a contrasting color on each rear quarter panel and trunk lid.

F. Vehicle Interior and Safety devices

- 1) All loose gear must be removed before coming to Tech Inspection. If the spare tire is carried in the car, it must be firmly secured. Passenger seat back must be tied down or secured in position.

G. Seat belts and harnesses

- 1) All cars must have well mounted, metal-to-metal, quick release lap and safety belt and upper body restraints in good condition. Mounting points must be sturdy and immovable locations on the chassis, Uni-body, or roll cage/roll bar/harness bar. Suitable backing plates should be used where necessary. Refer to the manufacturers, FIA and/or SFI mounting specifications for more information regarding hardware, backing plate, and installation requirements and suggestions.
 - a. Touring Class cars may use DOT, SFI, or FIA approved harnesses, subject to the conditions as noted below.

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- b. All cars are factory- equipped with “DOT” (FMVSS 209) approved 3 point safety belts. These belts are considered the minimum protection for high performance driving. Factory belts may only be used with the stock seats. Replacement of the factory seats with any fixed-back racing seat requires the use of a minimum 5 point harness, properly installed.
- c. Touring cars may use a 4 point harness. The harness assembly must use polyester webbing, be compliant to FMVSS 209, and include “ASM” technology. Schroth “Rallye 4 ASM”, “Quickfit” and Quickfit Pro” meet this requirement; most other 4-point harness assemblies do not. Harnesses must indicate a date of manufacture, and are valid for a period of five years from the date of manufacture.
- d. The following cars are required to use an SFI or FIA approved harness with a minimum of 5 points (2 lap belts, 2 shoulder belts, and at least 1 anti-submarine belt):
 - i. Super Class cars
 - ii. Any car that has acquired 31 or more Touring Class Modification Assessment points
 - iii. Any car that has acquired 16 or more Touring Class Engine Modification Assessment Points
 - iv. Any car from which any element of the factory Supplemental restraint System (SRS) has been removed (air bags)
- e. All harness belts with 5 or more mounting points must have a SFI or FIA date certification label and be current, see below definitions.
- f. Belts constructed to meet SFI (16.1 or 16.5) are certified by the manufacturer for 2 years. Certification date begins as of the date of manufacture, not the date of installation into the vehicle. Starting in 2017, SFI tags switched to a “valid to” date. This date will be either June or December of a particular year. COM does not allow use of belts after the “valid to” date; no exception given for the second half of the year i.e.: if it says June 2019, on July 1 2019 it is no longer legal in COM.
- g. Belts constructed to FIA (#8853/1985, 8853/98) specifications are certified by the manufacturer for 5 years. Certification date begins as of the date of manufacture, not the date of installation into the vehicle. FIA belts will have a “Not Valid after 20XX” label, making them legal for the entire last year.
- h. All belts need to be inspected by the owner before each event for wear, fraying, grease, oil or sun damage. Belts must be re-webbed or replaced if the car is involved in a crash involving substantial damage to the car, as belts stretch and may be compromised after an incident.
- i. When constructing bars for harness attachment, be aware of the potential safety hazard that can be created by the addition of a horizontal bar directly behind the driver’s seat. In the event of an impact, the driver’s seatback latching mechanism may break, allowing the occupant(s) to impact the horizontal bar resulting in serious or fatal neck injuries. Suggestions for avoiding this potential hazard include moving the horizontal bar as far to the rear of the car as possible, utilizing a mount that is direct to an existing portion of the car or installing an upper seat support between the seat back and harness bar.

H. Driver and Passenger seats

- 1) If the passenger seat is to be occupied, it must both be of similar design, quality, and construction to the drivers’ seat (e.g. fixed-back driver seat must be accompanied by a fixed-back passenger seat - variations such as halo vs. non-halo are acceptable) and its seat belt restraint system shall have equal or greater restraint capability to the drivers’ seat belt restraint system, including type, width, and number of points. This is to ensure that the passenger is not subjected to aggressive driving that the driver would be willing subject

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himself to, based on the level of driver seat belt restraint. For the same reason, any driver using arm or head and neck restraints must also provide the provision for the passenger to use their own head and neck restraint system. Novices and other students not yet licensed by COM must train in a vehicle possessing a minimum of two seats and safety equipment for both seats appropriate to the class, of which one seat is to be occupied by an approved instructor.

I. Rollbar and roll-over protection

1) Roll Bars are required in:

- i. All Super Class cars
 - ii. Cars that have acquired 31 or more Touring Class Modification Assessment Points
 - iii. Cars that have acquired 16 or more Touring Class Engine Modification Assessment Points
 - iv. All convertible and open cars regardless of class. Convertibles may not use removable hardtops as a substitute for roll bars.
- a. Roll bars are permitted and strongly recommended in all classes and may be required in the future. A roll bar is a steel one- or two-hoop roll-over protection device, solidly mounted to the structure of the car, and provides two inches of space between the top of the roll bar and the top of the driver's helmet. Commercially available "harness bars" and "style bars" are not acceptable roll-over protection.
 - b. In general, factory installed roll-over protection on open cars is not acceptable. Specifically, the Porsche 993/996 convertible system, the Honda S2000, and Mazda MX-5 Miata factory equipment are not acceptable. The Porsche Boxster factory roll-over protection is acceptable in the Touring classes.

As the available technology continues to change, a competitor may appeal to the Chief of Tech for acceptance of factory-installed OEM roll-over protection on a specific car. The car owner is expected to provide as much data as possible in support of his/her case to the Chief of Tech. The decision by the Chief of Tech is final.

- c. Guideline Minimum roll bar specifications are:
 - i. Cars up to 1500 lbs. use 1.375 x 0.095 DOM/seamless/alloy
 - ii. Cars 1501-2200 lbs. use 1.500 x 0.095 DOM/seamless/alloy OR 1.500 x 0.120 ERW
 - iii. Cars 2201-3000 lbs. use 1.500 x 0.120 DOM/seamless/alloy OR 1.750 x 0.095 DOM/seamless/alloy OR 1.750 x 0.120 ERW
 - iv. Cars 3001-4000 lbs. use 1.750 x 0.120 DOM/seamless/alloy (no ERW allowed)
- d. For guidelines of material selection and construction practices, consult the Sports Car Club Of America (SCCA) General Competition Rules. Cars with roll cages that are constructed to SCCA GCR or other

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recognized sanctioning bodies' specifications are not bound by the material selection criteria mentioned above.

- e. For cars competing prior to the 2000 season that are outdated by these rules, "grandfathering" will be granted to those drivers/owners who request that their car be considered. Grandfathering of existing cars will be up to the discretion of the Stewards and Chief of Tech and will only be extended to cars that are brought to the Stewards or Chief of Tech. It is the responsibility of the competitor to show that the roll bar or roll cage was legal according to the 1999 rules and competed in the same configuration prior to the 2000 season.
- f. In addition to a roll bar, competitors may install a "Petty bar" to improve the crash protection afforded by the roll bar alone. A "Petty bar" is a steel tube, of the same material as the roll bar, that connects to the main roll-over hoop near the driver's head, and runs diagonally to a reinforced plate or a frame member in the passenger foot well. This bar may be permanently installed, or removable. If permanently installed, the passenger seat may no longer be occupied when the car is on-track and may be removed.
- g. All roll cages/bars must be padded with SFI 45.1 compliant padding in all areas which may come in contact with the driver's and/or passenger's helmet. Non-SFI High density padding may be used in areas where the driver's and/or passenger's arms or legs may come in contact with the roll cage/bar.
- h. In Touring classes where a passenger seat and dashboard are required, these items may be modified or removed to the extent required to accommodate roll bars, roll cages, or other safety equipment.

Note 1 – the addition of a roll bar or roll cage and/or removal of interior and other components may affect the Competition Weight.

Note 2- The removal of interior and other components may make a car ineligible for Touring class, pushing it into a Super Class.

Reference VII I. CAR CLASSIFICATION SYSTEM section for further details.

- i. Helmets must be a minimum of 2 inches below the top of Targa Top vehicles

J. Window nets and Arm restraints

- 1) Window nets/arm restraints are permitted in all classes. In addition, for all Super Class cars, cars that have acquired 31 or more Touring Class Modification Assessment points, or cars that have acquired 16 or more Touring Class Engine Modification Assessment Points either window nets or arm restraints are required.

Details regarding window nets/arm restraints:

- a. All Super class cars must be equipped with window net on driver's side window. A Driver's right-side net is not required but recommended.
- b. Passenger side window net may be installed.

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- c. Open cars, drivers must use arm restraints
- d. Factory-built (including "kit cars") race cars with a closed cockpit that includes fixed side windows of polycarbonate (Lexan) may run with them in place. If the window is removed, a window net or arm restraints must be used.
- e. Window net may be ribbon or mesh type and must have an SFI 27.1 label. Frayed or otherwise damaged window net will be rejected by Tech.
- f. Window net must be installed such that the bottom is fixed to the roll cage door bar, and the top attached to the roll cage with a quick-disconnect device that when released allows the window net to drop away from the opening for unimpeded access to the driver.
- g. If an Instructor is in the car, the owner may be required to remove fixed windows if the instructor requests.
- h. Chief of Tech has final discretion on all matters regarding windows.

K. Additional Safety Equipment

- 1) The following safety equipment is allowed in ANY class
 - a. Fire extinguishers and fire systems
 - b. Master electrical kill switches
 - c. Fuel cells
 - d. Windshield/window clips and restraints
 - e. Towing Hooks
 - f. Flywheel scatter shields

L. Miscellaneous Additional Car Requirements

- 1) Automobiles involved in an incident causing damage to the car and/or track must be inspected by the Chief of Tech (or another club representative appointed by the Chief) before being allowed back on the track. This requirement includes any incident where a wheel is damaged. It is the driver's responsibility to present the car to the Chief for this inspection.
- 2) All in car, or exterior mounted video equipment must be securely mounted, and must be in place when the car is brought to tech inspection for review and approval by Tech. Some tracks we visit require the use of a

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secondary lanyard as well on equipment mounted to the exterior; this requirement will be posted on the website when registration opens.

- 3) Track imposed maximum sound limits are generally in effect at COM events for all classes. Sound limits are set by the tracks and may change for each event. Each competitor is responsible for meeting track-specific sound limits. For Time Trials, a noise violation results in disqualification with no points awarded for the event and no refund.
- 4) All cars shall be powered by gasoline, diesel fuel, biodiesel fuel or electricity (provided by batteries) alone or in combination. Gasoline may be leaded or unleaded. Gasoline may include race gas limited by the SCCA fuel GCR to prevent toxic chemical use. Pump gasoline including Methyl or Ethyl Alcohol (Methanol or Ethanol) as limited by SCCA GCR may be used. Methyl or Ethyl Alcohol as a primary fuel is prohibited.
- 5) Small amounts of Methyl or Ethyl Alcohol may be injected into the engine for engine cooling and detonation control when mixed with at least 50% water. No more than 1 gallon of such mix shall be carried in the car to ensure that it is not a primary fuel. Whenever an alcohol/water mix is injected into the engine it shall be considered a fuel and the tank must follow the same rules as other fuels.

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V. FLAGS

- 1) Command Flags (Note, not all flags are used at all tracks; the specific flags in use will be reviewed at the driver's meeting)
 - a. GREEN Course is clear.
 - b. STATIONARY YELLOW No passing! There is a problem on the course ahead of you. Proceed with caution. During timed runs, you are still being timed.
 - c. WAVING YELLOW No passing! There is a problem immediately ahead of you. Slow down. Drive carefully; prepare to take evasive action. During timed runs, the clock will stop and you will be allowed a re-run.
 - d. RED Stop now! Stop in a controlled manner, in sight of the next flag station. Watch your mirrors while stopping to avoid being hit from behind. If possible, get clear of the course to allow passage of emergency vehicles. Stay stopped and in your car, with helmet and safety belts in place, until given a standing yellow flag and then proceed slowly back into the pits.
 - e. BLACK Pull into the pits immediately for conference with authorized personnel who will make themselves known to you. There is something wrong with you or your driving. This flag may be used to end a practice session.
 - f. BLACK FLAG WITH ORANGE CENTER (Meatball) Pull into the pits; there are mechanical problems with your car that must be corrected before you can continue. You must receive clearance from the Tech Inspector or Starter before returning to the course. During timed runs this is a did not finish (DNF).
 - g. CHECKERED You have completed your timed run or practice session. Continue your lap at reduced tempo and with no passing and pull into the pits the next time around. This is a cool down for you and your car.
- 2) Informational Flags
 - a. DIAGONAL RED AND YELLOW STRIPES (oil or debris) Slippery track conditions. Caution.
 - b. WHITE Caution: Emergency, official vehicle, or competitor vehicle at slow speed on the course. The vehicles being protected by the white flag may be passed provided the pass is done in a safe manner.
 - c. BLUE (blue with diagonal yellow stripe) Another vehicle is catching you and/or following closely. Be aware! Do not change your line. If the vehicle is faster than you, it is recommended that you indicate which side you prefer to be passed on by motioning with your hand in that direction at the next available passing zone.

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VI. TIME TRIAL POINTS & GUIDELINES

Overview

COMSCC championship series time trials consist of several events during the course of a race season. This championship series will be based on a cumulative points system where points are earned by participating and placing in events. Trophies are awarded at each event and championship trophies are awarded at the end of the season.

A. General Time Trial Rules

- 1) COMSCC Time Trial competitors must be a licensed member of COMSCC. COMSCC students may participate in the Time Trial if their log book has been signed-off “safe to solo” by their instructor for that event.
- 2) There may be no more than two drivers for a particular car in a particular class participating for trophies. Additional drivers may run the car in a different class upon approval from the Chief of Timing and Scoring. All drivers participating in the Time Trial sharing cars must name their “co-driver” on their Time Trial card.
- 3) Only the lap times recorded by the Timing and Scoring staff will be used to determine time trial results and track records.
- 4) A driver may only submit one time card, declaring only one class, and may only run once (except in case of a re-run as allowed elsewhere in this rule book) per Time Trial. Multiple entry fees paid, in order to run in multiple classes or multiple cars, will not be allowed.

B. Run Groups

- 1) Time Trial Run groups are organized by the Chief of Timing and Scoring and are created based on the information and times contained on each competitor’s Time Trial Card.
- 2) All Time Trial Cards must be completed and submitted in the assigned location no later than 2 hours prior to the scheduled Time Trial - failure to submit a Time Trial Card before the deadline may result in a competitor’s exclusion from the Time Trial.
- 3) Time Trial run groups will be posted in a public area at least one hour prior to the Time Trial.
- 4) Failure to attend the mandatory Time Trial meeting could result in the competitor being Disqualified.
- 5) If a competitor has a car mechanical issue prior to the start of the Time Trial they can petition the Chief of Timing & Scoring for a change of run groups.
- 6) It is the responsibility of all competitors to report to the staging area when called.

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- 7) The Chief of Timing and Scoring may add or remove competitors to or from, new or existing run groups. The Chief of Timing and Scoring may also change the run group order without prior notice.

C. Time Trial Procedure & Flags

- 1) Flags used during the Time Trial have a specific meaning which may be different than normal use during practice and school sessions. The flagging descriptions in this section are only specific to how the flags are used during the Time Trials.
- 2) The location of the start/finish timing line will vary from track to track and will be announced at the Time Trial meeting.
- 3) There will be no Green Flag to start the Time Trial – Competitors are “on-the-clock” as soon as they cross the start/finish timing line on the track for the first time.
- 4) Cars will be released at timed intervals by the Pit Marshal. The intervals are typically 15 to 20 seconds; however, the actual interval is based on the overall length of the track and number of cars in a group.
- 5) A Standing Yellow flag in any corner indicates that there is something off of the track or off line. Competitors should be alert but continue on - the time trial does not stop.
- 6) A Striped Yellow/Red flag in any corner indicates that there may be debris/oil on the track that requires attention. Competitors should be alert but continue on - the time trial does not stop.
- 7) A Waving Yellow flag at any flagging station indicates that there is something on that track that requires immediate attention. Competitors must slow down and proceed with caution. A Waving Yellow flag immediately stops the time trial. All competitors must pit-in and speak with the designated official on pit road.
- 8) A competitor’s time trial will end after receiving the checkered flag and then crossing the timing line on the track. Competitors will drive for a minimum of three complete laps, starting and finishing at the timing line. The time trial does not end until the checkered flag is displayed. Competitors who complete 3 laps and do not receive a checkered are still on the clock and should continue to turn laps until the checkered is displayed or until the time trial is ended by a waving yellow flag. From time to time it is necessary to keep a competitor on the track for some extra timed laps (for example, in the event of a timing error during a competitor’s first or second lap). Please proceed back to the pits upon receipt of the checkered flag, competitors should proceed to pit-in at race speed, as there may be other competitors on-track that are still on the clock. Just before arriving to pit-in, competitors must slow down to pit-in speed.
- 9) Any specific track rules and associated penalties, i.e. cutting curbs, bus stop, will be reviewed at the Time Trial meeting.
- 10) A Time Trial session may be delayed or stopped based on safety conditions.

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D. Catch/Re-Run

- 1) There will be no passing/point-by's during the TT. If during the normal course of events during a Time Trial run group, a slower car is caught by a faster car and is impeding its progress, the driver of the "catching" car shall give the "catch/pit in" signal to at least 2 corner stations. The driver of the catching car should then back off the car in front of them, pit immediately and stop at the Timing and Scoring station for instructions. It is not a catch until signaled and reported by a corner worker as the driver of the catching car may decline the catch opportunity.
- 2) The driver of the car that is caught should complete the Time Trial as scheduled. If it is determined that the car was caught due to a Disqualifiable offence then that driver will be Disqualified. If the driver was caught for any other reason, they will keep their result.
- 3) The driver of the catching car will be given two choices they must make immediately - they can keep any completed lap times (lap times will not be disclosed by Timing & Scoring) and will have completed the event or they will be given to option to completely re-run at a time provided by Timing and Scoring. If the competitor chooses to re-run, any previous times recorded will be immediately erased.
- 4) Any and all reruns are at the discretion of the Chief of Timing and Scoring and may be awarded solely based on his judgment.

E. Disqualification

- 1) No Time Trial points shall be awarded to the driver(s) of disqualified vehicles. Drivers who are Disqualified will count as participants in the class when determining number of trophies or when calculating additional points for class size.
- 2) A particular driver/car/class combination is only allowed one Time Trial attempt. Once a competitor is in line at the pit lane staging area it will be considered a Time Trial attempt.
- 3) Failing to appear at pre-grid in a timely manner once called (once a group has been released to pit road it and the competitor is absent) will be considered "an attempt" and you may be disqualified.
- 4) If a competitor causes a catch due to driver error, they will be disqualified.
- 5) If a competitor causes cars to become out of order for any reason, they will be disqualified.
- 6) If a mechanical failure or driver error (as determined by Chief of Control or Chief of Timing and Scoring) causes the time trial to be stopped, that driver will be disqualified.
- 7) A driver causing the display of a waving yellow flag will be disqualified.
- 8) Any car exceeding the maximum decibel limit of the track where the time trial is taking place shall be disqualified. If the noise violation was that cars first offense/warning of the event, the Chief of Timing and Scoring may make an exception based on an examination of the vehicle.

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- 9) Any car participating in the Time Trial may be inspected by the club Stewards at any time during or after the Time Trial and if found to be illegal for the classification assigned, the competitor will be Disqualified and will not receive Participation Points.
- 10) Disqualification of a competitor for any reason must occur before the points for that event are published on the club web site.

F. Event Cancellation

- 1) If the entire event is canceled (i.e., we never get on the track) due to circumstances beyond the control of COM Sports Car Club (e.g., weather and/or track conditions), no points (Time Trial or Participation) will be awarded. Should an event be delayed or canceled, COM is not required to provide a refund nor should a participant expect to receive a refund.
- 2) If just the Time Trial event is cancelled for any reason before the first Time Trial run is completed, then the event will be considered canceled. All participants will receive Participation Points toward the Overall Driver Championship and Participation Points toward their individual Class Championship.
- 3) A Time Trial run is considered completed if all cars assigned to run groups have completed their timed runs.
- 4) If the Time Trial has been started but all cars assigned to run groups have not completed their timed runs then:
 - any class where all competitors have completed their time run will be awarded Time Trial and Participation Points as usual. No Overall Driver Champion points will be awarded.
 - any class where competitors have not been able to complete their timed runs will be assigned Participation Points only. No Overall Driver Champion points will be awarded.

G. Time Trial Awards

- 1) Drivers participating in the Time Trial will receive trophies based on their finish and the number of competitors in class.

| | |
|----------------------|------------|
| 1, 2, or 3 car class | 1 trophy |
| 4 or 5 car class | 2 trophies |
| 6 to 9 car class | 3 trophies |
| 10 to 14 car class | 4 trophies |

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15 to 19 car class 5 trophies

20 or more car class 6 trophies

- 2) The driver with the fastest time of the day will receive the Fastest Time of the Day (FTD) award for the event
- 3) The driver completing all 3 time-trial laps, whose variance in lap times are within the smallest range, will receive the Consistency Award for the event

H. Track Records

- 1) Competitors who believe that they have set a new class record during the Time Trial must present their car for inspection by a Steward, prior to the trophy presentations, to verify compliance with class requirements.
- 2) If the car is found to not comply with the rules for that class, for any reason, the record will not be awarded. The competitor presenting that car will be disqualified - no points or participation points will be awarded. If a driver/car combination is disqualified as a result of a technical inspection, all other drivers using that vehicle must be teched. This is called a mandatory 'co-driver tech'. In the event that a co-driver tech is not performed, the co-driver(s) will be disqualified.
- 3) The Points Keeper will record the track records upon verification by the Chief Steward of compliance with class rules

I. Protests/Appeal

- 1) Protests on a car's legality for its declared class (i.e.: that its Time Trial configuration is as stated on the classification sheet submitted for the car) may only be filed by event competitors of the same class. This protest outlining the specific area(s) under protest, must be presented in writing to a Steward within 15 minutes of the end of the Time Trial. If the protest is upheld by the Stewards, then the car and competitors using this car will be disqualified and no Time Trail or Participation Points will be awarded and the car/competitor will not appear in the results.
- 2) Any event competitor can protest the classification of a car participating in another class that he or she believes is incorrectly classified. This protest must be presented in writing to a Steward one hour before the start of the Time Trial. If the protest is successful, the car will be reclassified prior to the Time Trial and the protested car/competitor can compete without being disqualified.
- 3) A competitor may appeal a decision made by a Steward in writing to the Team of Stewards. The COMSCC Team of Stewards is composed of COMSCC Stewards who are active COMSCC members in good standing selected by the Chief Steward to facilitate and enforce competition guidelines within the spirit and rules of COMSCC. While the COMSCC Team of Stewards is formed and overseen by the Chief Steward, the Chief

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Steward is appointed by and accountable to the COMSCC Board of Directors. This appeal must be made within 7 days following the time of the decision in question. The complete Team of Stewards will vote on the appeal and deliver their decision to the competitor before the next time trial event. This decision may not be appealed to the Board of Directors.

- 4) A competitor may appeal a decision made by the Chief of Timing and Scoring in writing to the Board of Directors. This appeal must be made within 7 days following the time of the decision in question. The complete Board of Directors will vote on the appeal and deliver their decision to the competitor before the next time trial event.
- 5) Video evidence may be used to appeal a decision.
- 6) A COMSCC Steward may choose to have a competitor's car weighed at any time during an event where scales are available. Further, the Steward may choose to weigh a single competitor, a group of competitors, an entire class or run group, or the entire Time Trial field. Scale readouts may either be used for informational purposes or in the case of a protest or tech inspection. Note - it is likely that Stewards will weigh vehicles at both the first and last NHMS events of the season, pending availability of the scales.
- 7) A COMSCC Steward may not participate in any official inspections or related activities (e.g., recording vehicle weight for official purposes) pertaining to their own vehicle(s). Further, it is encouraged that inspections and related activities be performed by a COMSCC Steward not participating in the class in which the competitor in question is running.

J. Time Trial Points

- 1) Points are earned during time trial events and tallied to calculate season championship standings. Points are calculated, maintained and posted by the Points Keeper. Points are not official until they are posted on the COM web site. A competitor may earn two types of points, Participation Points and Finishing Points.
- 2) Participation Points are earned by participating in a time trial. A competitor is deemed to have participated in a time trial upon crossing the on-track start/finish timing line during the time trial. A competitor does not need to complete the time trial in order to receive their Participation Points. Two (2) Participation Points are awarded to qualifying competitors at each event. Some "special" events will offer an additional 2 bonus Participation Points (for a total of 4 Participation Points). The COM BOD will determine which events, if any, will be declared "special" prior to the start of the season.
- 3) Finishing points are earned by completing a time trial. A competitor is deemed to have completed a time trial upon successful completion of at least one timed time trial lap, and completing the event without disqualification. In other words, to earn Finishing Points the competitor must complete at least one timed lap and cannot be disqualified.
- 4) The number of points earned by a competitor will depend on their finishing place in their class, as described in the table below:

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- a. 1st place 10 points
 - b. 2nd place 8 points
 - c. 3rd place 7 points
 - d. 4th place 6 points
 - e. 5th place 5 points
 - f. 6th place 4 points
 - g. 7th place 3 points
 - h. 8th place 2 points
 - i. 9th place 1 point
 - j. 10th place or lower 0 points
- 5) If there is a tie for any points position (two competitors having the exact same best lap time) then each competitor will receive the points for that place and the next place after the tie will be passed over.

K. Year End Class Champion Points

- 1) In order to be eligible for year-end Class Championship (1st, 2nd, 3rd, or 4th), a driver must have entered at least (3) time trial events during the current year in the same class.
- 2) Ties in the final point totals shall be resolved on the basis of each participant's record of First Place finishes: then if necessary, Second Place finishes: then if necessary, Third Place finishes, and so on until a winner emerges. If this procedure fails to produce a result, they shall be considered tied for the position in the standings.
- 3) If more than 6 points-scoring events occur in the series, the lowest scoring Time Trial point's event for each competitor will be dropped from the points totals for that competitor. Any Participation Points for that event will be kept. A missed event yields zero points, and therefore becomes the dropped event.
- 4) The number of year-end trophies will be awarded based on the average count of cars participating in the class over the course of the season, as follows:
 - a. Less than 4.0 cars, one 1 first place trophy
 - b. Greater than or equal to 4.0 to less than 6.0 cars, 2 trophies
 - c. Greater than or equal to 6.0 to less than 12.0 cars, 3 trophies

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- d. Greater than or equal to 12.0 cars, 4 trophies

L. Overall Driver Championship

- 1) For a Class Champion to be eligible for the Overall Driver Championship, that class must have an overall average of 2.0 or more participants per time trial event for the season. All events will be counted towards the Overall Drivers Championship - no dropped events/points.
- 2) At the end of the year, additional points (including fractions) equal to the average number of cars per event will be added to the points of each class winner to determine the Overall Driver Championship.
- 3) Ties in the final point totals shall be resolved on the basis of each participant's record of First Place finishes: then if necessary, Second Place finishes: then if necessary, Third Place finishes, and so on until a winner emerges. If this procedure fails to produce a result, they shall be considered tied for the position in the standings.

VII. CAR CLASSIFICATION SYSTEM

A. Definitions

Factory Trim – refers to unmodified vehicle components (or components of identical fit, function, and purpose) included on the car year, make, model, and body style listed for purposes of the Showroom Assessment as delivered by the manufacturer within the respective domestic market. Note that compliance with Factory Trim includes removal or addition of any/all options available from the manufacturer provided options were available from the factory for the vehicle year, make, model, and body style in question. Does not apply to dealer-installed options not originally available from the manufacturer.

Example- a 1965 Mustang is bought with a standard 289 2 bbl. carbureted engine. The owner then replaces the 2 bbl. carburetor, cast iron intake, and 2 bbl. heads with Ford OEM 4bbl carburetor, aluminum intake manifold, and High Performance heads as used on the Hipo Mustang and Shelby. These parts were available “over the counter” at the Ford dealer, not just as part of a new car, so a claim that they are “factory” could be made. However, as these parts were not on this car as it left the factory, points for Non-Factory carb, intake, and heads must be taken

Modification Assessment – total number of assessment points pertaining to non-Factory Trim modifications to a vehicle; see Modifications Assessments section of the rules for points assessed for each modification – for modifications not explicitly listed in the Modifications Assessments section of the rules, points for each modification will be provided by the Team of Stewards.

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Showroom Assessment – point value assigned to each car for the purpose of classification within Touring Classes; see Appendix A and B for list of Showroom Assessments – for vehicles not explicitly listed in Appendix A and B, Showroom Assessment will be provided by the Team of Stewards.

Showroom Base Weight (SBW)– factory listed curb weight for a production vehicle; used in determining the appropriate number of Modification Assessment points for cars competing in a Touring Class

Total Assessment – the sum of the Showroom Assessment and Modification Assessment, used to determine Classification within Touring Classes

Touring Class – a type of COMSCC Time Trial classification where vehicles are classified based on the sum of a Showroom Assessment based on the vehicle’s potential and a Modification Assessment for any modifications performed to the vehicle

Vehicle Competition Weight – the total weight of vehicle plus fluids, driver, ballast and any and all safety and other equipment during and after competition

B. Overview

COMSCC Time Trial includes 14 distinct classes for competition, 8 Touring classes (T-30 thru T100) and 6 “Super” classes (SA thru SE plus SU).

Vehicles are classified into a Touring class based on the Total Assessment, comprised of a benchmark Showroom Assessment plus any additional Modification Assessments acquired through performance modifications added to the vehicle.

COMSCC has 6 Super classes, based on a Corrected Power-to-Weight ratio. Modifications allowed to cars in Super classes are unlimited. In addition, any Touring class vehicles with a Total Assessment of greater than 109 (i.e. above the limit of T100) will be placed in a Super class. Competitors qualifying for a Touring class classification may choose to compete in a Super class, provided they meet the Super Class safety requirements

C. Classification Procedures

NOTE: COMSSC has developed Excel spreadsheets that simplify the process of assigning your car to its proper class, and we highly encourage (pretty much require, we’ll complete it with you if needed) its use. The most current edition of the spreadsheet is available for download from the club website.

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- 2) Prior to competing in a Time Trial, each entrant must submit to a COMSCC Steward a classification sheet (Touring classes) or power/weight figures (Super classes). Stewards will make the information available to any entrant upon request during events and will post online for review between events. If a competitor competes in a Time Trial and a COMSCC steward has not yet received the competitor's classification information then the competitor will be disqualified from that Time Trial if a protest is filed.
- 3) Any event competitor may question the classification of a car participating in any class if he or she believes the car is incorrectly classified. Drivers are encouraged to discuss their concerns with any steward and directly with the owner of the car in question, without a formal protest. Should a formal protest be submitted, this protest must be presented in writing to a Steward no later than one hour before the start of the Time Trial. If the protest is successful, the car will be reclassified prior to the Time Trial and the protested car/competitor can compete without being disqualified.
- 4) To ensure that competitors are classifying their cars within the rules of the club and to promote proper vehicle maintenance, a secondary inspection by a Tech Inspector or Steward may be done to a random sampling of cars in any class. Stewards reserve the right to re-classify a vehicle at any time. False information supplied by an entrant about their car or themselves is grounds for disqualification. Inspection may include, but is not limited to:
 - a. Inspection of vehicle components and modifications
 - b. Weighing of vehicles
 - c. Request for additional documentation to substantiate horsepower, torque, or weight claims (if scales are not available). Stewards will consider any and all documentation available, including scale printouts, dyno sheets, spec sheet for "sealed" or "crate" motor, list of engine modifications, etc. If documentation is not available upon request, the competitor may be disqualified. The competitor may then request an appeal and provide the necessary documentation.
- 5) Starting with the 2021 season, any competitor that submits a new Dyno sheet as part of their Touring OR Super Class declaration must provide the Stewards with a dyno sheet that includes the following information:
 - a. Dynamometer make and model.
 - b. Name and phone number of the shop doing the assessment
 - c. Date that the car was tested
 - d. Driver's name and car year make model
 - e. Graph of no less than 3 "pulls" including their peak horsepower and torque values. HP/Torque on the Y axis, and rpm on the X-Axis. SAE J1349 Rev Jun 90 correction shall be used, with a smoothing factor of 5. RPM shall be measured using an inductive sensor from the dyno, not using the car's ECU or OBD port.
 - f. The dyno graphs must show decreasing power for 1500 rpm from the Maximum hp level, OR the car must reach the rev limiter during the dyno test
 - g. The car must be tested in the gear producing the highest HP ratings; generally, this is whichever gear is 1:1 ratio.

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- h. Car shall be tested in “As raced” configuration – tires at appropriate pressure, any air cleaner or intake restrictor in place, ECU tune booster controller settings etc.

The above requirements are not an unusual burden on the dyno operator or competitor to provide, most of this is already on the print-out that the dyno software creates, and match closely what other competition organizations also require. There are data fields available to the dyno operator that allow insertion on the print-out of the information required above. It is the member’s responsibility to collect a dyno sheet from the dyno shop that includes this information printed on it. Dyno sheets submitted that do not include the above are subject to review by the club stewards and may be rejected as means for assigning engine points to a car. As allowed in rulebook section VIII F (5) and (6), Super Class entrants may use the alternate means provided there for declaring power/weight and therefore class.

Any material changes to the engine or its control (ECU) require a fresh dyno sheet be submitted before the next competition event.

See also rulebook section VII.F.1.2.d, also updated in 2021, that requires any dyno sheet submitted to be no more than 3 years old.

Sheets submitted that are less than 3 years old (dated no earlier than Jan 1 2019) should meet the above requirements but will not be rejected if they do not.

Going forward, we will be updating our dyno sheet requirements to be in harmony with other organizations (NASA, for example), where actual “area under the curve” is considered, which is a more accurate measure of performance. So, if you are getting a new dyno sheet done from this point forward, you would be well ahead if you bring the NASA dyno certification form with you and collect the information as specified in it. You should also collect the Dynojet Run Files (“.DRF”) that are created when your car is dynoed. These are files that can be opened by the Dynojet “WinPEP 7 Dyno Run Viewer” program. Any Dyno sheet submitted after July 1 2021 should include this information.

D. Touring Classes

To compete in a Touring class, a vehicle must be a production vehicle with closed fenders, and in Factory Trim, approved by the US DOT or equivalent organization. Vehicles shall be classified based upon the origin of their chassis, as identified by the Vehicle Identification Number (VIN) on the chassis of the vehicle. If unavailable, factory-provided documentation of chassis origin will suffice. *Exception process: Competitors may request an alternate classification if the chassis of the vehicle in question meets Factory Trim equivalency of the chassis of another vehicle - this request must be in writing, the burden of proof to demonstrate Factory Trim equivalency to the desired vehicle is on the competitor, and a written response from the Chief Steward is required as proof in cases of tech inspection.*

In addition, all Touring Class vehicles must retain:

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1) Interior

a. Dashboard – must be of similar size, shape, and function as Factory Trim. LIMITED trimming or partial removal to allow installation of safety equipment is allowed.

b. Front Passenger seat – must be an automotive seat, safely mounted, and suitable for an adult passenger; passenger seat may be removed when a “Potty Bar” is installed

2) Exterior

- a. All body panels must be present, including front and rear bumpers, exposed lights, hood, fenders, doors, windshield, roof (unless convertible), and trunk, and must not be modified in a manner that compromises safety capabilities in comparison to Factory Trim exterior panels.
- b. Factory panels may be modified and exposed lights may be replaced with ducts or blanks that fit the silhouette of the vehicle, however modification points may be assessed (see modifications section).
- c. Non-factory replacement panels of any material may be used. If the replacement panel offers performance advantage (such as improved aerodynamics), modification points may be assessed (see modifications section)
- d. If a non-factory panel is used, and the part does not offer the same safety capabilities, additional safety modifications may be required to the car. For example, if factory doors are replaced with fiberglass or carbon fiber of the same appearance, door bars for driver and passenger protection must be added to replace the factory door reinforcements. The expectation is that at this level of modification the car is equipped with a roll cage that can incorporate substantial door bars added to the roll cage structure.
- e. Vehicles equipped with non-factory body panels may run in a Touring Class, pending a safety inspection by a Steward.
- f. All factory brake lights (including CMSL when car is so equipped) must be functional and highly visible. Non-factory tail-lights, covers, or any modification that alters the visibility of the brake light are discouraged and are subject to approval by the Tech Inspector.

E. Base Showroom Assessment Determination

- 1) All vehicles must be assigned a **Base Showroom Assessment**, either through the Showroom Assessment Inventory (Appendix A) or provided by the COMSCC Chief Steward prior to event registration. Generally, the Showroom Assessment Inventory uses the following methodology for assigning Showroom Assessment points to vehicles:
 - a. Determine the weight-to-power ratio of the vehicle using factory listed curb weight, factory listed crank horsepower, and factory listed crank torque
 - i. Formula: $\text{Curb Weight} / (2/3 \times \text{HP} + 1/3 \times \text{Torque})$

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- b. Convert the weight-to-power ratio to a meaningful points value for classification within Touring Class, this is achieved by multiplying the ratio by -4.25 and adding 112; these factors were chosen to:**

 - i. Create a proper distribution of vehicles across the 8 Touring Classes based on weight-to-power ratio, and
 - ii. Ensure that the highest performing production vehicles are classed towards the top of the Touring Class structure
 - c. Add an “adjustment” to the converted weight-to-power ratio to account for other factors that affect vehicle performance, such as suspension, weight distribution, drivetrain layout, aerodynamics, etc. Generally, these assessments range from -10 points (e.g. Subaru Forester Wagon) for cars that have a significantly lower performance potential relative to their weight-to-power ratio up to +15 points (Nissan GT-R) for cars that have a significantly greater performance potential relative to their weight-to-power ratio – See Appendix A, “Adjustment” column, for the adjustment on each car.
 - d. For 2021, the existing Performance adjustment figure for each car is being multiplied by 1.5.**
 - e. The sum of b (converted weight-to-power ratio) and c (additional performance “adjustment”) represents the total Showroom Assessment
- 2) After (1) above, a **Modification Assessment** is determined by adding up the total points acquired for the following:
- a. Any modification to the vehicle that differs from Factory Trim
 - b. Vehicle Competition Weight, if below Showroom Base Weight, and
 - c. Tire width, if different from the Touring Class Standard Tire Width for the Touring classification of the vehicle’s Base Showroom Assessment
- 3) A **Total Assessment** is calculated based on the sum of the **Base Showroom Assessment** and **Modification Assessment**, and then classification is determined based on the table below. Vehicles with fewer than 110 Total Assessment points will be classified into a Touring Class according to the table below. Vehicles acquiring 110 or more Total Assessment points will be classified in a Super Class.

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| Total Assessment | Touring Class |
|------------------|-------------------------|
| 0 – 39.9 | T30 |
| 40-49.9 | T40 |
| 50-59.9 | T50 |
| 60-69.9 | T60 |
| 70-79.9 | T70 |
| 80-89.9 | T80 |
| 90-99.9 | T90 |
| 100-109.9 | T100 |
| 110 and Above | N/A – see Super Classes |

For example: a vehicle with a Showroom Assessment of 57.6 and Modification Assessment of 8 would result in a Total Assessment of 65.6 and classification in T60.

Note – a competitor may choose to compete in any Touring class either at or above their determined Touring class (i.e., run “up” a class); in addition, any Touring class competitor may opt to run in the appropriate Super Class (see separate section below for classification guidelines) as long as the required safety gear (for driver and car) is present.

For kit cars or race cars not listed in Appendix A, a competitor may request a Steward-provided Touring Class classification. In these instances, the competitor must provide the peak horsepower, peak torque, curb weight, and other relevant technical specifications for the vehicle, as requested by the Steward. There is no guarantee that Steward-provided Touring Class classifications will result in placement in a Touring Class – i.e., the Steward may decide to assess more than 109 Touring Class points, resulting in a Super class classification for the vehicle in question.

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F. Modification Assessments

As noted previously, COM has developed Excel spreadsheets (one for Touring, a second for Super) for determining car class that simplifies the process, and we highly encourage its use. These spreadsheets are updated each year prior to the start of the season to reflect any rule changes adopted over the winter, and competitors are required to update their submitted sheet each year using the latest spreadsheet template. The most current edition of the spreadsheet is available for download from the club website.

1. ENGINE

The Modification Assessment for engine modifications can be determined in one of 3 ways:

- 1) Competitor adds points for any and all assessments listed in the “Engine Modification Points Chart “ below. Refer to the chart for descriptions & point values. Certain modifications require the use of a “dyno” (see chart and spreadsheet) and must use (2) below.
- 2) Competitor provides the Stewards with peak SAE corrected horsepower and torque figures from a Dynojet chassis dynamometer, indicating peak wheel horsepower and torque. The Steward will then determine the total number of Engine Modification Points using the following process:
 - (a) If necessary, estimate crank power by converting the wheel-power figures (horsepower and torque) to crank power figures, using the following drivetrain type and dyno type conversion table:

| Rear Wheel Drive or Front Wheel Drive | All-Wheel Drive |
|---------------------------------------|--------------------------|
| 13% loss, divide by 0.87 | 16% loss, divide by 0.84 |

- (b) Apply the same showroom assessment base class formula (described above in D.1.a and b) to determine the assessment, substituting the new power figures to determine the Engine Modification assessment to be applied.
- (c) If a competitor chooses to use the dynamometer method to determine Engine Modification points, the following must be provided to the Stewards to determine the engine modification assessment:
 - (i) Competitor must complete the “Engine Modifications worksheet” portion of the COMSCC Touring Classification tool “Engine” tab. This information is recorded so stewards &

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fellow competitors know how many engine modification points would have been required without the use of the dyno reclassification horsepower and torque numbers, and understand clearly what modifications were in place on the vehicle when the dyno session took place. These points are not added or subtracted from the engine points determined by the 'Dyno Engine Modification Assessment' calculated.

(ii) Competitor must complete the "Dyno Reclass Option" portion of the COMSCC Touring Classification Tool, entering Peak Hp, Peak Torque, and Drivetrain Type. Scaled Power and Points are calculated using the factor and formula noted previously.

(iii) The spreadsheet will calculate the Engine Modification points using both methods. The Competitor must select on the spreadsheet which figure they are declaring.

(iv) The maximum negative points allowed by using the dyno reclass option is limited to -2.0 points

(v) Increases in engine modification points utilizing the dyno method is unlimited.

(d) A submitted dyno sheet is good for no more than 3 years from the date of the test. After 3 years a fresh sheet must be provided. A sheet will be considered in compliance for the duration of the 3rd season ie; a sheet dated May 2020 would be good thru the end of the 2022 season.

If using the dyno method (2), the competitor does not add any additional points for engine modifications from the list below. The competitor, upon receipt of the new engine Modification Assessment figure, may still opt to use method (1) at their discretion, as long as the nature of the modifications is not marked "dyno required" in the chart and spreadsheet.

In the case of method (2), the Steward-provided Assessment for engine modifications is final and may not be appealed. In either case, any and all Modification Assessment points for other areas (e.g. suspension, weight reduction, tires, etc.) must be added to calculate Total Modification Assessment points.

In cases specifically involving engine modifications not listed below and engine swaps, the Steward may require a Steward-provided Assessment. In these cases, the competitor must provide peak horsepower figure(s), and use of this Assessment is not optional, i.e. the competitor may not use an Assessment based on engine modifications as listed below.

- 3) Competitor may choose to perform a "junkyard swap", replacing the engine of a vehicle with any other engine available from the manufacturer for the competitor's chassis with known crank power figures (*e.g. swapping a 1.8L Mazda Miata engine into a vehicle that originally came with the 1.6L Mazda Miata engine*). In these cases, the competitor must provide a written request to the Chief Steward outlining the new power output. If accepted, the Chief Steward shall reply in writing to confirm the swap, indicating a new base Showroom Assessment which must be used for the vehicle. The new base Showroom Assessment shall utilize the Showroom Assessment calculation methodology, inputting known power figures of the new engine, original

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factory curb weight, and original Performance Adjustment to calculate the new Showroom Assessment for the "junkyard swap". This new combination will be added to the Base Showroom Assessments Appendix and the Excel Spreadsheet at the next revision.

Note - additional Engine and other Modification Assessment Points must be taken, as applicable, when computing the Total Assessment.

Examples:

Example 1: a competitor has a 1995 BMW M3 with 6 points worth of Engine Modification assessment points. They choose to request a Steward-provided engine Modification Assessment, providing to the Steward their peak wheel horsepower and torque figures of 245hp and 240ft-lb, respectively, along with any supporting documentation, if requested. The Steward then provides an assessment of 9 points based on the peak power figures. The competitor has a choice – accept the 6 points from the table below, or accept the 9 points provided by the Steward. Either way, the competitor must still add the figure chosen, along with Modification Assessment points for other categories (e.g. suspension, tires) to the Showroom Assessment to determine the Total Assessment for classification.

Example 2: a competitor has a 1991 Mazda Miata and has chosen to swap a stock 1996 Mazda Miata 1.8L motor. This modification requires a Steward-provided engine Modification assessment, and the competitor cannot choose to use the points from the table below. In this case, the Steward determines the base class of the 1991 Miata to be 30.3. Substituting the new power figures (128hp, 114ft-lb torque), the new assessment is 39.1. The Steward finds the difference between the 2 figures, and provides an assessment of 8.8 points for engine modifications. Again, the competitor must add the 8.8 points engine Modification Assessment figure to the Showroom Assessment, along with Modification Assessment points from other categories (e.g. suspension, tires) to determine the Total Assessment for classification. Note – the competitor must still use the 1991 Mazda Miata base tire width and base weight, which is listed as 170lb lighter compared to the 1996 Mazda Miata donor vehicle. This weight difference is worth approximately up to 4 points in terms of Weight Reduction Modification Assessment.

Example 3: a competitor has a 2002 Subaru Impreza WRX with 19 points worth of Engine Modification assessment points. They choose to request a Steward-provided engine Modification Assessment, providing to the Steward their peak wheel horsepower and torque figures of 265hp and 275ft-lb, respectively, along with any supporting documentation, if requested. The Steward then provides an assessment of 16 points based on the peak horsepower figure. The competitor has a choice – accept the 19 points from the table below, or accept the 16 points provided by the Steward. Either way, the competitor must still add the figure chosen, along with Modification Assessment points for other categories (e.g. suspension, tires) to the Showroom Assessment to determine the Total Assessment for classification.

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Engine Modification Points Chart:

Note – Mazda Rotary Engines are to be considered 4-cylinder engines for the purposes of Engine Modification point Assessments outlined in the table below

| Assessment | Description |
|------------|--|
| 1 | Reprogrammed Factory Trim (includes ROM chips) ECU, naturally aspirated engine |
| 2 | Non-Factory Trim ECU, naturally aspirated engine |
| 3 | Reprogrammed Factory Trim (includes ROM chips) ECU, forced induction engine air/fuel change only. If applicable, additional points must be added for an increase in boost. |
| 4 | Non-Factory Trim ECU, forced induction engine air/fuel change only. If applicable, additional points must be added for an increase in boost. |
| 2 | Turbo boost increase < 50% |
| 4 | Turbo boost increase > 50% |
| 1 | Non-Factory Trim/modified air intake before the throttle body/carburetor (e.g. Cold Air Intake) |
| 1 | Non-Factory Trim/modified throttle body or carburetor |
| 1 | Non-Factory Trim/modified fuel delivery system, except fuel pump(s) (i.e. fuel injectors, fuel rails, fuel regulators) |
| 1 | Non-Factory Trim/modified intake manifold 1-6 cylinder engines, including manifold porting |
| 2 | Non-Factory Trim/modified intake manifold 7-12 cylinder engines, including manifold porting |
| 3 | Water-alcohol injection System |

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| Assessment | Description |
|---------------|--|
| Dyno Required | Non-Factory Trim/modified supercharger or turbocharger, factory location |
| Dyno Required | Non-Factory Trim/modified supercharger or turbocharger, non-factory location or added supercharger or turbocharger |
| 3 | Non-Factory Trim/modified supercharger pulley |
| 3 | Non-Factory Trim/modified boost controller or vacuum lines that control boost |
| 1 | Non-Factory Trim/modified wastegate, wastegate actuator |
| 2 | Non-Factory Trim/modified intercooler |
| 1 | Non-Factory Trim/modified intercooler pipes only |
| Dyno Required | Non-Factory Trim/modified camshafts, rocker arms, pushrods, or cam gears that adjust cam timing or lift |
| Dyno Required | Ported/polished Factory Trim cylinder heads (does not include modifying size of valves) |
| Dyno Required | Non-Factory Trim cylinder heads |
| Dyno Required | Non-Factory Trim/modified engine intake/exhaust valves (does not include modifying cylinder heads) |
| Dyno Required | Increased displacement by more than 1% |
| 0 | Increase compression ratio by .50 or less |

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| Assessment | Description |
|---------------|---|
| Dyno Required | Increase compression ratio by more than .50 |
| 1 | Dry sump engine oil system |
| 1 | Non-Factory Trim/modified exhaust manifold/header/exhaust pre-catalytic converter including manifold porting 1-6 cylinder |
| 2 | Non-Factory Trim/modified exhaust manifold/ header/exhaust pre-catalytic converter including manifold porting 7-12 cylinder |
| 1 | Non-Factory Trim/modified exhaust/muffler beyond the catalytic converter (e.g. cat back exhaust) |
| 1 | Non-Factory Trim/modified catalytic converter(s) |
| 1 | Complete removal or "gutting" of OEM catalytic converter(s) (i.e. "test pipe" in place of catalytic converter) |
| 1 | Non-Factory Trim/modified power steering, air conditioning, crank pulley |
| 1 | Non-Factory Trim/modified/deleted engine or accessory fan and/or other engine accessories not otherwise listed |
| Dyno Required | Street Port, rotary engines |
| Dyno Required | Bridge Port, rotary engines |
| Dyno Required | Peripheral Port, rotary engines |

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| Assessment | Description |
|---------------|---|
| 0 | Any type of commercially available gasoline or diesel fuel |
| 0 | Non-Factory Trim/modified fuses, relays, wiring, or addition of Power Distribution Modules |
| 0 | Non-Factory Trim hoses, belts, clamps |
| 0 | Non-Factory Trim air or fuel filters |
| 0 | Non-Factory Trim radiator |
| 0 | Non-Factory Trim battery, starter motor, alternator, spark plugs, spark plug wires, ignition coils |
| 0 | Non-Factory Trim/modifications to oil system, including addition of oil cooler, larger oil pan, etc. |
| Dyno Required | Non-Factory Trim/modified Pistons, Rods |
| 0 | Non-Factory Trim/modifications/number of fuel pumps |
| Dyno Required | Head shave, balancing, and blueprinting of engine |
| 0 | Factory specification engine rebuild and head shave |
| 0 | Accessories and/or gauges |
| 0 | Non-Factory Trim/modified muffler tips/components designed strictly for the purposes of reducing sound with no measurable or theoretical performance advantage (e.g. exhaust tip turn-down or second muffler) |

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| Assessment | Description |
|------------|--|
| N/A | For modifications not listed above, including engine swaps, competitor must provide peak horsepower figure to the Steward for evaluation; Steward may request supporting documentation at the Steward's discretion |

2. DRIVETRAIN

Competitor must add all points from the Drivetrain Modification Assessment points table below. This figure must be added to the Showroom Assessment along with any Modification Assessment points from other categories (e.g., engine, suspension) to determine the Total Assessment and Classification. Any modifications not listed below must be disclosed and evaluated by the Steward.

| Assessment | Description |
|------------|---|
| 6 | Sequential Gearbox |
| 3 | Non-sequential ("H pattern") Dog-box gearbox |
| 3 | Dual clutch transmission - DSG, DCT, PDK, etc |
| 3 | 7 speed or more automatic transmission - GM HydraMatic 10L90 and 10L80, Ford 10R80, ZF HP8, Mercedes 7G-Tronic etc |
| 1 | Automated single clutch manual transmission - SMG, Ferrari F1, Lambo E-Gear etc |

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| Assessment | Description |
|------------|---|
| 1 | Manual transmission with autoblip, either factory (Nissan 370Z, BMW M2, C7 Corvette, Porsche) or aftermarket add-on |
| 0 | 5 or 6 speed manual transmission |
| -1 | 3 or 4 speed manual transmission |
| -2 | Automatic transmission with 6 speeds or less |
| -2 | CVT transmission |
| 1 | Non-Factory Trim/modified final drive and/or transmission gear ratio(s) (added tranny) |
| 0 | Non-Factory Trim/modified LSD if vehicle is equipped with LSD from the factory or was a factory option |
| 1 | Non-Factory Trim/modified LSD if vehicle is not equipped with LSD from the factory or was not a factory option |
| 2 | Non-Factory Trim/modified traction control (i.e. via Non-Factory Trim ECU mapping) |
| 2 | Non-Factory Trim/modified electronically controlled center differential mapping (i.e. GEMS center diff controller for Mitsubishi Evo, Subaru STi) |
| 2 | Relocation of transmission location via altered mounts |
| 1 | Modified half shafts or driveshaft of a different material than OEM (including carbon fiber and aluminum driveshaft) |
| 0.5 | Non-factory specification clutch, pressure plate, and/or clutch assembly |
| 0 | Non-Factory Trim/modified flywheel |

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| Assessment | Description |
|------------|---|
| 0 | Non-Factory Trim/modified motor, transmission, differential, and/or other drivetrain mounts, including metallic and non-metallic mounts |
| 0 | Non-Factory Trim/modified shifter, including bushings, lever, etc. |
| 0 | Enabling or disabling of Factory Trim traction control |

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3. SUSPENSION

Competitor must add all points from the Suspension Modification Assessment points table below. This figure must be added to the Showroom Assessment along with any Modification Assessment points from other categories (e.g., engine, tires) to determine the Total Assessment and Classification. Any modifications not listed below must be disclosed and evaluated by the Steward.

| Assessment | Description |
|------------|--|
| 0 | Non-Factory Trim non-adjustable shocks/struts/dampers that maintain stock dampening characteristics (OEM equivalents) |
| 1 | Non-adjustable shocks/struts/dampers that provide different dampening characteristics to factory trim (improved vs. OEM but not "field" adjustable) |
| 1 | Non-Factory Trim single adjustable shocks/struts/dampers |
| 2 | Non-Factory Trim double adjustable shocks/struts/dampers |
| 3 | Non-Factory Trim 3 or more way adjustable shocks/struts/dampers |
| 1 | Non-Factory Trim shocks/struts/dampers with piggyback canister or external remote canister – note: must also take points for shocks/struts/dampers as listed above |
| 2 | Non-Factory Trim coil springs, leaf springs, or torsion bars, non-ride height adjustable (note - Factory Trim ride-height adjustment does not apply) |
| 3 | Non-Factory Trim coil springs, leaf springs, or torsion bars, ride height adjustable (note - applies to vehicles with Factory Trim ride-height adjustment if adjustment mechanism has been replaced or modified in any manner) |
| 1 | Torsion bar to coil spring conversion |
| 1 | Non-Factory Trim sway bars |

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| Assessment | Description |
|------------|---|
| 1 | Non-Factory Trim engine bracing (not including motor and other drivetrain mounts) |
| 1 | Non-Factory Trim/Modified Control Arms or Non-Factory Trim/Modified Trailing or Camber Arms of different dimensions than Factory Trim |
| 2 | Modification of wishbone suspension upright |
| 3 | Non-Factory Trim/modified k-member |
| 1 | Non-Factory Trim front subframe that does not alter suspension geometry |
| 1 | Non-Factory Trim rear subframe that does not alter suspension geometry |
| 1 | Non-Factory Trim/modified Watts Link |
| 1 | Non-Factory Trim/modified Panhard bar |
| 2 | Non-Factory Trim torque bar |
| 1 | Modify OEM torque bar |
| 1 | Non-Factory Trim suspension bushings or spherical bearings, except rubber or polyurethane |
| 1 | Non-Factory Trim/modified suspension components which enable alignment settings beyond Factory Trim capability (does not apply to coil springs, leaf springs, or torsion bars); note - additional points may need to be taken for specific non-Factory Trim suspension components if listed elsewhere in this section |
| 0 | Non-Factory Trim bracing or stitch welding, including strut/shock tower brace, and chassis brace(s) (e.g. X-brace or cross-bar) |

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| Assessment | Description |
|------------|---|
| 0 | Alignment settings, including caster, camber, or toe, regardless of factory recommendations; note: modifications to Factory-trim suspension components for the purposes of alignment adjustment must be assessed separately |
| 0 | Non-Factory Trim non-adjustable shocks/struts/dampers |
| 0 | Non-Factory Trim suspension bushings, either rubber or polyurethane |
| 0 | Non-Factory Trim suspension bushing limiters of any material; <i>note - points must also be taken for bushing material, if applicable</i> |
| 0 | Removal of sway-bars |
| 0 | Non-Factory Trim sway bar end-links |
| 0 | Non-Factory Trim eccentric camber bolts |
| 0 | Non-Factory Trim camber adjusting ball joints |
| 0 | Modified steering rack from power assist to manual or manual to power assist |
| 0 | Suspension re-enforcement provided by installation of roll bar or roll cage that adheres to requirements listed in the Car Requirements section of the rules |
| 0 | Disabling or enabling of Factory Trim Electronic Stability Control systems |

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4. BRAKES

Competitor must add all points from the Brakes Modification Assessment points table below. This figure must be added to the Showroom Assessment along with any Modification Assessment points from other categories (e.g. engine, suspension) to determine the Total Assessment and Classification. Any modifications not listed below must be disclosed and evaluated by the Steward.

| Assessment | Description |
|------------|---|
| 1 | Non-Factory Trim brake calipers, drums, and/or rotors of a different size - front, rear or both. |
| 2 | Non-Factory Trim/modified ABS (i.e. Bosch Motorsport ABS) |
| 0 | Non-Factory Trim rotors of the same thickness and diameter as Factory Trim, including swap from one-piece to two-piece rotors |
| 0 | Non-Factory Trim brake pads or shoes |
| 0 | Non-Factory Trim/modified brake lines |
| 0 | Non-Factory Trim/modified brake ducting |
| -1 | Disabling any and all factory and/or aftermarket ABS or competing in a vehicle not originally equipped with ABS |
| 0 | Non-Factory Trim drilled or slotted rotors of the same shape and size as OEM |
| 0 | Modified, re-located, or non-Factory Trim brake brackets |

5. EXTERIOR

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Competitor must add all points from the Exterior Modification Assessment points table below. This figure must be added to the Showroom Assessment along with any Modification Assessment points from other categories (e.g. engine, suspension) to determine the Total Assessment and Classification. Any modifications not listed below must be disclosed and evaluated by the Steward. Adding, removing, or modifying exterior panels and vehicle components must not be done in a way that compromises safety relative to Factory Trim configuration.

| Assessment | Description |
|------------|---|
| 1 | Non-Factory Trim/modified front bumper/air dam/spoiler |
| 1 | Non-Factory Trim/modified front splitter, in addition to bumper/air dam/spoiler |
| 2 | Non-Factory Trim/modified front splitter that extends more than 3.5 inches from front bumper skin leading edge, in addition to bumper/air dam/spoiler |
| 1 | Non-Factory Trim/modified canards (each set assessed points front or rear) |
| 1 | Non-Factory Trim Rear spoiler or wing including any airfoil that in no way protrudes more than 6" from the mounting location of the spoiler or wing, does not exceed the height of the vehicle, and does not extend beyond the width of the rear quarter panels |
| 2 | Non-Factory Trim Rear spoiler or wing including any airfoil that does not exceed the height of the vehicle, does not extend beyond the width of the rear quarter panels, and does not extend no more than 6" beyond the skin of the rear bumper |
| 3 | Non-Factory Trim Rear spoiler or wing including any air foil of any size or shape |
| 1 | Non-Factory Trim hardtop of different shape and size which alters airflow aft of the OEM rear glass (i.e. "CWest" Honda S2000 aero hardtop) |
| 0 | Factory trim hardtop or Non-Factory Trim hardtop of the same shape and size of OEM hardtop |

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| Assessment | Description |
|------------|---|
| 1 | Non-Factory Trim/modified vortex generator to roof, hardtop, rear glass or trunk |
| 2 | Non-Factory Trim/modified flat bottom |
| 2 | Non-Factory Trim/modified rear diffuser |
| 1 | Non-Factory Trim/modified side skirts |
| 4 | Non-factory trim Active aero, i.e. moveable aero devices; points assessed for each piece, in addition to assessment points listed above |
| 1 | Non-factory trim/modified headlight to allow increased or cooler air flow to engine air intake - unless already taking one point for cold air intake in "engine" modifications. |
| 0 | Front Underbody Tray that does not extend in front of the front bumper skin, beyond the width of the front quarter panels, or more than 18" behind the front axle; <i>note – points for front splitter, bumper, spoiler, air dam, and flat bottom assessed separately</i> |
| 0 | Non-Factory Trim/modified fenders |
| 0 | Non-Factory Trim/modified doors |
| 0 | Non-Factory Trim/modified trunk lid |
| 0 | Non-Factory Trim/modified rear bumper |
| 0 | Non-Factory Trim/modified hood |

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6. WEIGHT REDUCTION

Weight reduction modification assessment is based on the how difference between the Vehicle Competition Weight and the Showroom Base Weight. The Vehicle Competition Weight is the total weight of vehicle plus fluids, driver, ballast and any and all safety and other equipment during and after competition. Competitor must determine Weight Reduction Modification Assessment using the table below. This figure must be added to the Showroom Assessment along with any Modification Assessment points from other categories (e.g. engine, suspension) to determine the Total Assessment and Classification.

Competitor must determine Weight Reduction Modification Assessment using the following formula – essentially 1.5% change in weight is equivalent to 1 point:

$$((\text{Curb Weight} - \text{Competition Weight}) / \text{Curb Weight}) / 1.5 \times 100\% = \text{Weight Reduction Points}$$

Example: a car with a 3000lb curb weight has stripped its interior, removed a few non-essential components, and replaced its exhaust with a light-weight system, and it now weighs 2750lb with driver, fuel, safety equipment, fluids, etc. after competition.

- 1) Find the difference between curb weight an competition weight: $3000 - 2750 = 250\text{lb}$
- 2) Find the ratio of the weight difference and the original curb weight: $250 / 3000 = 0.083333$
- 3) Divide the ratio from #2 by 1.5 and then multiply by 100: $0.083333 / 1.5 \times 100 = 5.56$

Example: a car with a 2400lb curb weight has been fitted with safety equipment and is owned by a 215lb driver, and it now weighs 2660lb with driver, fuel, safety equipment, fluids, etc. after competition.

- 1) Find the difference between curb weight an competition weight: $2400 - 2660 = -260\text{lb}$
- 2) Find the ratio of the weight difference and the original curb weight: $-260 / 2400 = -0.108333$
- 3) Divide the ratio from #2 by 1.5 and then multiply by 100: $-0.108333 / 1.5 \times 100 = -7.22$

After completing calculation above, the weight adjustment is added (or subtracted if the result is negative) to the car's point total to find the total point assessment for the car.

Note – weight reduction can be achieved by removing or replacing any non-essential parts, unless otherwise mentioned, including: interior headliner, rear seats, carpets, insulation, air conditioner, radio, sunroof/moonroof, spare tire, jack, interior panels, console, etc. In addition, ballast is allowed up to 150lbs provided it is secured – location and security of ballast must be verified by Steward.

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7. TIRE COMPOUND

Tire Compound Modification Assessment is based on the type of tire run during competition. Competitor must determine Tire Compound Modification Assessment using the table below. This figure must be added to the Showroom Assessment along with any Modification Assessment points from other categories (e.g. engine, suspension) to determine the Total Assessment and Classification.

For any tires not classified explicitly in the chart, the competitor may petition the Chief Steward for an evaluation and points assignment.

Pending an evaluation, the tire's default points assignment will be the same as the highest existing classified tire with the same or next numerically lower UTQG rating.

The tire manufacturers are constantly updating designs, and have been found to be "creative" in their treadwear declarations. The Stewards team reserves the right to adjust a tire's rating if the initial points assigned by COM are found to be significantly under or over what they should be based on real-world experiences.

Note - Tire softener or any other chemical tire treatment is prohibited in Touring Classes.

| Assessment | Description |
|------------|--|
| 15 | Non-DOT Slicks (except where noted) |
| 10 | Hoosier Radial Wets (Including SMW) Hoosier H2O Continental Challenge Wets Hankook Wets BFGoodrich R1-S Hankook c90/c91/C9 compound Goodyear RS AC Hoosier A7 |
| 9 | Hoosier A6 |

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| Assessment | Description |
|------------|---|
| 6 | Hoosier R7 BFGoodrich R1 Hankook C70/C71/C7 Compound Kumho Ecsta V700 |
| 5 | Hoosier R6 Hoosier SM6 Hoosier SM7 Hoosier SM7.5 (pending experience) Hankook (Z214) C50/C51/C5 Compound Unlisted tires with DOT UTQG rating 40 or lower |
| 2.5 | Continental Challenge Dry Hankook z221 TD Soft/C7 Kumho v710 |
| 1 | Hankook z221 TD Medium/C5 Goodyear Supercar 3R |
| 0 | Toyo Proxes RR Hankook z221 TD Hard/ C3 Compound Federal FZ-201 Soft Unlisted tires with DOT UTQG rating 41-120 |

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| Assessment | Description |
|------------|---|
| -2.5 | <p>Toyo RA1</p> <p>Toyo R888</p> <p>Toyo R888R</p> <p>Nitto NT01</p> <p>Yokohama A048</p> <p>Yokohama A052</p> <p>Kumho v700 Victoracer</p> <p>Kumho Ecsta V720</p> <p>Maxxis RC-1</p> <p>Bridgestone RE71R</p> <p>Federal FZ-201 Medium</p> <p>BFGoodrich Rival S 1.5</p> <p>Michelin Pilot Sport Cup 2</p> <p>Unlisted tires with DOT UTQG rating 121-200</p> |
| -3.5 | <p>Michelin Pilot Sport Cup 2</p> <p>BFG Rival S</p> <p>Federal 595RS-RR, PRO</p> <p>Toyo R1R</p> <p>Hankook Ventus RS-4</p> <p>Goodyear Supercar G:2</p> <p>Goodyear Supercar 3</p> |
| -5 | <p>Hankook Ventus RS-4</p> |

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| Assessment | Description |
|------------|---|
| -7 | Michelin Pilot Super Sport Michelin Pilot Sport 4S Federal 595RS-R Unlisted tires with DOT UTQG rating 201-280 |
| -10 | Unlisted tires with DOT UTQG rating 281 and above |

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8. TIRE WIDTH

Tire Width Modification Assessment is based on the average width of the widest front and the widest rear tire run during competition. Competitor must determine Tire Width Modification Assessment using the table and calculation below to determine the TOTAL Assessment for Tire Width. Tire width points will be assessed based on how much wider or narrower the average of the competitor's widest front and rear tires is from this Class Baseline Tire Width. Tire width is taken as the dimension in mm molded into the tire sidewall- not an actual measurement of the tread or contact patch. *Note – tire diameter and profile are free. Stock or factory Trim tire width for a particular vehicle is irrelevant.*

| Competition Class | T100 | T90 | T80 | T70 | T60 | T50 | T40 | T30 |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Baseline tire width | 315mm | 305mm | 285mm | 265mm | 245mm | 225mm | 205mm | 185mm |

Assessment for tire width is based on the average of the front and rear tire widths, calculated by adding the front tire width and the rear tire width and dividing by two. For example, if a vehicle is equipped with 225mm tires in the front and 255mm tires in the rear, the tire width assessed will be $(225+255)/2$ or 240mm.

This tire width is then compared to the baseline tire width for the class the car is competing in. If you are running the tire width equal to the baseline for your class, your tire width points are zero.

For tire widths wider or narrower than the baseline tire width above add (for wider) or subtract (for narrower) at a factor of 1 point for every 20 mm of tire width (or .25 points per 5mm) to determine the Tire Width assessment. See chart below for examples:

| Example | Baseline width for class selected | Width of tires used in competition (calculated if using two different widths) | Amount to add (for wider) or subtract (for skinnier) |
|---------|-----------------------------------|---|--|
| 1 | 185mm (T30) | 195 mm | 0.50 points |
| 2 | 185mm (T30) | 205mm | 1 point |
| 3 | 205mm (T40) | 225mm | 1 point |

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| Example | Baseline width for class selected | Width of tires used in competition (calculated if using two different widths) | Amount to add (for wider) or subtract (for skinnier) |
|---------|-----------------------------------|---|--|
| 4 | 205mm (T40) | 240mm | 1.75 points |
| 5 | 225mm (T50) | 205mm | -1.0 point |
| 6 | 225mm (T50) | 250mm $((235\text{mm} + 265\text{mm})/2)$ | 1.25 points |
| 7 | 245mm (T60) | 225mm | -1 point |
| 8 | 245mm(T60) | 210mm $((195\text{mm}+225\text{mm})/2)$ | -1.75 points |
| 9 | 265mm (T70) | 275mm | 0.5 points |
| 10 | 285mm (T80) | 275mm | -0.5 points |
| 11 | 305mm(T90) | 290mm $((275\text{mm}+305\text{mm})/2)$ | -0.75 points |
| 12 | 315mm(T100) | 275mm | -2 points |

Note – Wheel width and/or diameter is free, including offset, provided that the rim width used is among the rim widths recommend by the tire manufacturer for that particular tire size. Spacers up to ½" in width may be used, provided all lug/stud thread requirements are satisfied (see Car Requirements section for details). Rolling and/or flaring of fenders is also permitted. Non-Factory Trim spacers, lug nuts, and studs are free.

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G. Super classes

1. METHODOLOGY

COMSCC has 6 Super classes, based on a Corrected Power-to-Weight ratio. Modifications allowed to cars in Super classes are unlimited. In addition, any Touring class vehicles with a Total Assessment of greater than 109 (i.e. above the limit of T100) will be placed in a Super class. Competitors qualifying for a Touring class classification may choose to compete in a Super class, provided they meet the Super Class safety requirements.

2. SAFETY

All Super class competitors must meet the following safety requirements:

- Roll bar, defined as a steel one- or two-hoop roll-over protection device, solidly mounted to the structure of the car, and provides two inches of space between the top of the roll bar and the top of the driver's helmet.
- SFI or FIA approved harness with a minimum of 5 points (2 lap belts, 2 shoulder belts, and at least 1 anti-submarine belt)
- Single layer fire resistant full length suit, gloves, suitable footwear
- Window nets or arm restraints

Note - Please see Driver Requirements and Car Requirements sections for more details.

3. CLASSES

Below is a list of the 6 COMSCC Super classes and their modified Corrected Power-to-Weight ratio cutoffs.

- Super Unlimited: Open Wheel Formula Cars below 6.0 lbs comp weight/corrected power ratio
- Super A: Non-formula cars below 8.799, any vehicle between 6.0 and 8.799
- Super B: Any vehicle between 8.8 and 12.399
- Super C: Any vehicle between 12.4 and 15.799
- Super D: Any vehicle between 15.8 and 18.999
- Super E: Any vehicle above 19.0

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Definition of Open Wheel Formula car – open wheeled, single seat vehicle designed for motorsports equipped with a front and/or rear wing or another device designed to provide downforce

Stewards will have final say in determining which vehicles fall under this classification

In addition to all F1, F2000, F3, IRL, Indy Lights, etc. vehicles, SCCA Formula Atlantic, Formula 1000, Formula SCCA, Formula Continental, Formula Mazda, Formula Ford, and Formula 500 also fall under this category

Formula Vee is excluded

The intent is that any non-formula car can run in Super A; it is the new top class. Super Unlimited is reserved for 2 types of cars: 1) Formula cars better than 6.0 Power/Weight, and 2) non-formula cars booted to Super Unlimited by the team of stewards.

Notes

- *A competitor may choose to compete any Super class either at or above their determined Super class (i.e. run "up" a class)*
- *Stewards may move vehicles up or down within the Super classes at their discretion – specifically, non-formula cars with Corrected Power-to-Weight ratio below 6.5 may be evaluated for placement in Super Unlimited*

4. WEIGHT/POWER FORMULA

The value by which a car's class assignment is determined is the "Competition Weight" divided by the "Power". The formula for calculating the Corrected Power-to-Weight ratio for all Super class competitors is as follows:

- The "Competition Weight" is defined as the total weight of vehicle plus fluids, driver, ballast and any and all safety and other equipment during and just after a Time Trial competition session. This weight is declared to the Chief Steward at least one hour prior to an event's Time Trial competition., and is subject to verification by any Steward prior to or immediately following the Time Trial upon request and availability of scales.

- The "Power" is the Corrected Power, calculated as follows:

$$(((\text{Wheel HP}) * (.67) + (\text{Wheel Torque}) * (.33)) * \text{Dynomometer correction factor}) + \text{Open Wheel correction factor}$$

Only Chassis dynamometers are used. Dyno Correction factors are as follows:

Dynojet 2Wheel Drive = 0.91

Dynojet All-wheel drive = .93

Any other dynamometer = 1.0

Correction factors may be defined for other manufacturer's equipment as data becomes available.

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Open Wheel correction factors

-2.5 (e.g. Formula Continental),

- Any open wheel without front or rear wing = -1.0 (e.g. Formula Vee)

5. ALTERNATE POWER CALCULATION

Competitors have two methods by which they may substantiate their power figures:

- A. Provide a dyno sheet substantiating the claimed power figure, or
- B. Utilize a simple displacement-based calculator to estimate potential power.

Option B:

The following formula may be used in lieu of providing actual power figures for a Super class vehicle, regardless of which value is higher:

Power = Displacement multiplier x Valves/Cylinder Multiplier x RPM Multiplier x Forced Induction Multiplier

- Displacement Multiplier: 80/1 Liter
- Valves/Cylinder Multiplier: 2 valves/cylinder is 0.85, 4 valves/cylinder is 1.0, rotary is 1.0
- RPM Multiplier: $((\text{Max RPM} - 6000) / 6000) + 1$
- Forced Induction Multiplier: 1.75

6. ALTERNATE WEIGHT METHOD

Similar to the Alternate Power calculation, competitors may choose an Alternate Weight method if they would not like to use or disclose their actual competition weight. Specifically, regarding weight, competitors may:

1. Declare competition weight – note that a Steward may request that this value is substantiated either by weighing the car on scales, if available, or viewing other documentation to back-up the claimed weight figure (e.g. picture of the car on scales with a weight readout or printout of a corner weight sheet); OR
2. Utilize the Alternate Weight method – see rules below:
 - Production car with known curb weight: Competition Weight = 85% x Curb Weight
 - Open Wheel Formula Style vehicle: 1000lb
 - All other vehicles: 1500lb

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VIII. APPENDIX A – SHOWROOM ASSESSMENTS FOR TOURING CLASS DETERMINATION

Note: This list of assessments represents cars that have run, or are expected to run with COM. It's not all-inclusive, and if you are running a car that is not shown on this list please contact the Chief Steward for assistance in determining the base class for your car.

This list is for reference only; All Time Trial competitors are required to submit to the Chief Steward a completed copy of the Excel spreadsheet for their car. The excel sheet template can be found on the club website or requested from the Chief Steward at any time.

| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|--------------|--------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Acura | Integra Type R | 1995 | 2001 | 2639 | 195 | 130 | 5.0 | 52.3 | T50 |
| Acura | NSX | 1991 | 1992 | 2976 | 270 | 210 | 10.0 | 71.4 | T70 |
| Acura | NSX | 1993 | 1997 | 3093 | 270 | 210 | 10.0 | 69.4 | T60 |
| Acura | NSX | 1998 | 2001 | 3160 | 290 | 224 | 10.0 | 71.9 | T70 |
| Acura | NSX | 2002 | 2005 | 2954 | 290 | 224 | 10.0 | 75.2 | T70 |
| Acura | NSX | 2017 | | 3854 | 573 | 476 | 22.5 | 104.2 | T100 |
| Acura | RSX Type S | 2002 | | 2767 | 200 | 142 | 0.0 | 46.9 | T40 |
| Alfa Romeo | 2000 Spider Veloce | 1974 | 1976 | 2320 | 110 | 110 | -7.5 | 14.9 | T30 |
| Alfa Romeo | Giulia 2.0T AWD | 2017 | | 3600 | 280 | 306 | 0.0 | 59.0 | T50 |
| Ariel | Atom | 2006 | 2006 | 1431 | 245 | 150 | 20.0 | 103.5 | T100 |
| Ariel | Atom 500 | 2008 | | 1213 | 500 | 284 | 20.0 | 120.0 | N/A |
| Aston Martin | DB5 | 1963 | 1965 | 3310 | 282 | 288 | -10.0 | 52.5 | T50 |
| Aston Martin | DBS V12 | 2007 | 2012 | 3740 | 510 | 420 | 10.0 | 88.9 | T80 |
| Aston Martin | Vantage | 2012 | | 3595 | 420 | 346 | 10.0 | 83.4 | T80 |
| Audi | A4 1.8T Quattro | 1996 | 2001 | 3241 | 150 | 155 | 0.0 | 21.2 | T30 |
| Audi | A4 2.0 T quattro | 2005 | 2005 | 3517 | 200 | 207 | 0.0 | 38.1 | T30 |
| Audi | A4 2.0 T quattro | 2006 | 2008 | 3549 | 200 | 207 | 0.0 | 37.5 | T30 |
| Audi | A4 2.8 Quattro | 1996 | 2001 | 3384 | 190 | 207 | 0.0 | 38.5 | T30 |
| Audi | A4 3.0 Quattro | 2002 | 2005 | 3583 | 220 | 221 | 0.0 | 42.9 | T40 |
| Audi | A4 3.2 quattro | 2006 | 2006 | 3649 | 255 | 243 | 0.0 | 50.2 | T50 |
| Audi | A4 TT FWD | 1998 | 2006 | 2910 | 180 | 173 | 0.0 | 42.4 | T40 |
| Audi | Coupe GT | 1987 | 1987 | 2507 | 134 | 137 | -15.0 | 18.1 | T30 |
| Audi | R8 V10 | 2006 | | 3583 | 518 | 391 | 15.0 | 95.0 | T90 |
| Audi | R8 V8 | 2006 | | 3450 | 414 | 317 | 15.0 | 88.6 | T80 |
| Audi | S4 | 1991 | 1994 | 3814 | 227 | 258 | -2.5 | 41.2 | T40 |
| Audi | S4 | 1998 | 2001 | 3594 | 250 | 258 | 2.5 | 54.0 | T50 |
| Audi | S4 | 2003 | 2005 | 3660 | 340 | 302 | 2.5 | 67.0 | T60 |
| Audi | S4 | 2006 | 2008 | 3869 | 340 | 302 | 2.5 | 64.3 | T60 |
| Audi | S4 | 2009 | | 3637 | 333 | 325 | 5.0 | 70.2 | T70 |
| Audi | S6 | 1999 | 2003 | 4024 | 340 | 310 | 0.0 | 60.2 | T60 |
| Audi | S6 | 2006 | 2011 | 4024 | 429 | 398 | 2.5 | 73.7 | T70 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|--------------|---------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Audi | S6 Quattro | 1994 | 1997 | 3825 | 227 | 240 | -2.5 | 39.2 | T30 |
| Audi | TT RS | 2012 | 2013 | 3307 | 360 | 343 | 10.0 | 82.3 | T80 |
| Austin Healy | 3000 MK III | 1959 | 1967 | 2550 | 150 | 165 | -20.0 | 22.1 | T30 |
| BMW | 2002 | 1974 | | 2317 | 100 | 106 | -15.0 | 0.5 | T30 |
| BMW | 135i Coupe | 2004 | 2011 | 3373 | 300 | 300 | 5.0 | 69.2 | T60 |
| BMW | 135i M-Sport | 2011 | 2012 | 3373 | 300 | 300 | 7.5 | 71.7 | T70 |
| BMW | 318i | 1990 | 1991 | 2657 | 134 | 127 | 0.0 | 26.2 | T30 |
| BMW | 318is | 1990 | 1991 | 2602 | 134 | 127 | 0.0 | 28.0 | T30 |
| BMW | 318ti | 1993 | 2000 | 2745 | 140 | 129 | 0.0 | 26.4 | T30 |
| BMW | 318ti with S52 swap | 1991 | 1991 | 2602 | 240 | 236 | 0.0 | 65.7 | T60 |
| BMW | 320i | 2013 | | 3295 | 180 | 184 | 5.0 | 39.8 | T30 |
| BMW | 323ci | 2000 | | 3153 | 170 | 181 | 0.0 | 34.8 | T30 |
| BMW | 325i | 1991 | 1991 | 2854 | 168 | 164 | 0.0 | 39.2 | T30 |
| BMW | 325i | 1992 | 1995 | 3087 | 189 | 181 | 0.0 | 41.6 | T40 |
| BMW | 325i | 2001 | 2005 | 3241 | 184 | 175 | 0.0 | 35.9 | T30 |
| BMW | 325is | 1992 | 1995 | 3087 | 189 | 181 | 2.5 | 44.1 | T40 |
| BMW | 328is | 1996 | 1999 | 3120 | 190 | 206 | 2.5 | 46.6 | T40 |
| BMW | 330Ci | 2003 | 2003 | 3285 | 228 | 221 | 2.5 | 52.6 | T50 |
| BMW | 330Ci ZHP | 2003 | 2005 | 3285 | 235 | 222 | 5.0 | 56.5 | T50 |
| BMW | 330i | 2006 | 2006 | 3417 | 255 | 221 | 5.0 | 57.4 | T50 |
| BMW | 330i Sports Package | 2001 | 2005 | 3318 | 225 | 216 | 5.0 | 53.5 | T50 |
| BMW | 335d RWD Sedan | 2007 | 2011 | 3781 | 265 | 425 | 5.0 | 66.5 | T60 |
| BMW | 335i RWD Coupe | 2007 | | 3571 | 300 | 300 | 5.0 | 66.4 | T60 |
| BMW | 335i RWD Sedan | 2006 | 2009 | 3594 | 300 | 300 | 5.0 | 66.1 | T60 |
| BMW | 335xi | 2008 | 2008 | 3814 | 300 | 295 | 5.0 | 62.7 | T60 |
| BMW | 340XI | 2017 | | 3802 | 320 | 332 | 5.0 | 67.1 | T60 |
| BMW | 528i | 1995 | 2000 | 3252 | 190 | 210 | 2.5 | 44.2 | T40 |
| BMW | 530i | 2000 | 2003 | 3472 | 228 | 220 | 2.5 | 49.0 | T40 |
| BMW | 535i | 1985 | 1988 | 3249 | 182 | 214 | -10.0 | 30.3 | T30 |
| BMW | 540i | 1996 | 2003 | 3803 | 282 | 320 | 2.5 | 59.6 | T50 |
| BMW | M Coupe | 1998 | 2000 | 3131 | 240 | 236 | 5.0 | 61.2 | T60 |
| BMW | M Coupe | 2001 | 2002 | 3131 | 315 | 261 | 5.0 | 72.2 | T70 |
| BMW | M Roadster | 1998 | 2000 | 3084 | 240 | 236 | 2.5 | 59.6 | T50 |
| BMW | M Roadster | 2001 | 2002 | 3084 | 315 | 261 | 2.5 | 70.4 | T70 |
| BMW | M2 | 2016 | | 3455 | 365 | 343 | 12.5 | 83.4 | T80 |
| BMW | M235i | 2016 | | 3650 | 320 | 330 | 10.0 | 74.0 | T70 |
| BMW | M3 | 1987 | 1991 | 2866 | 192 | 170 | 5.0 | 51.0 | T50 |
| BMW | M3 | 1995 | 1995 | 3175 | 240 | 225 | 10.5 | 65.1 | T60 |
| BMW | M3 | 1997 | 1999 | 3175 | 240 | 236 | 10.5 | 66.0 | T60 |
| BMW | M3 | 2001 | 2006 | 3415 | 333 | 269 | 10.0 | 75.4 | T70 |
| BMW | M3 | 2007 | 2008 | 3704 | 414 | 295 | 10.0 | 79.9 | T70 |
| BMW | M3 | 2015 | | 3540 | 425 | 406 | 15.0 | 91.1 | T90 |
| BMW | M3 CSL | 1995 | 1995 | 2950 | 240 | 225 | 10.5 | 69.1 | T60 |
| BMW | M5 | 1985 | 1988 | 3417 | 256 | 243 | -2.5 | 51.8 | T50 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|-----------|---------------------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| BMW | M5 | 1989 | 1995 | 3858 | 311 | 266 | 0.0 | 56.6 | T50 |
| BMW | M5 | 1998 | 2003 | 4026 | 394 | 368 | 2.5 | 70.1 | T70 |
| BMW | M5 | 2005 | 2010 | 4090 | 500 | 380 | 5.0 | 79.2 | T70 |
| BMW | M5 | 2011 | | 4288 | 560 | 402 | 5.0 | 81.1 | T80 |
| BMW | M6 | 1983 | 1989 | 3565 | 256 | 243 | 0.0 | 51.8 | T50 |
| BMW | M6 | 2005 | 2010 | 3770 | 500 | 380 | 5.0 | 82.2 | T80 |
| BMW | M6 | 2012 | | 4242 | 560 | 402 | 5.0 | 81.5 | T80 |
| BMW | Z3 1.9L | 1996 | 1996 | 2690 | 138 | 133 | 0.0 | 28.1 | T30 |
| BMW | Z3 2.3L | 2000 | 2000 | 2899 | 170 | 181 | 0.0 | 41.1 | T40 |
| BMW | Z3 2.8 | 2000 | 2000 | 2910 | 193 | 206 | 0.0 | 49.3 | T40 |
| BMW | Z4 3.0si | 2006 | 2008 | 3086 | 255 | 220 | 5.0 | 63.1 | T60 |
| BMW | Z4 M Roadster | 2006 | 2008 | 3197 | 330 | 262 | 7.5 | 75.3 | T70 |
| BMW | Z8 | 1999 | 2003 | 3494 | 400 | 370 | 7.5 | 81.4 | T80 |
| Bugatti | Veyron | 2005 | 2011 | 4162 | 987 | 922 | 17.5 | 111.2 | N/A |
| Cadillac | ATS-V Coupe | 2016 | 2017 | 3760 | 464 | 445 | 15.0 | 92.1 | T90 |
| Cadillac | ATS-V Sedan | | | 3803 | 464 | 445 | 15.0 | 91.7 | T90 |
| Cadillac | CTS-V | 2004 | 2007 | 3850 | 400 | 395 | -2.5 | 68.4 | T60 |
| Cadillac | CTS-V | 2009 | | 4250 | 556 | 551 | 0.0 | 79.4 | T70 |
| Chevrolet | Camaro LS | 2010 | | 3750 | 312 | 278 | 2.5 | 61.5 | T60 |
| Chevrolet | Camaro RS | 1994 | 1997 | 3473 | 200 | 225 | 0.0 | 41.2 | T40 |
| Chevrolet | Camaro RS | 1998 | 2001 | 3349 | 190 | 225 | 2.5 | 43.9 | T40 |
| Chevrolet | Camaro SS | 2010 | | 3860 | 426 | 420 | 2.5 | 75.8 | T70 |
| Chevrolet | Camaro SS | 2018 | | 3685 | 455 | 455 | 7.5 | 85.1 | T80 |
| Chevrolet | Camaro SS 1LE | 2017 | | 3743 | 455 | 455 | 15.0 | 92.0 | T90 |
| Chevrolet | Camaro SS L99 Automatic | 2010 | 2013 | 3913 | 400 | 410 | 2.5 | 73.3 | T70 |
| Chevrolet | Camaro Z28 | 1994 | 1997 | 3473 | 275 | 325 | 0.0 | 61.4 | T60 |
| Chevrolet | Camaro Z28 | 1998 | 2001 | 3459 | 284 | 322 | 2.5 | 64.9 | T60 |
| Chevrolet | Camaro Z28 | 2014 | 2015 | 3856 | 505 | 481 | 7.5 | 86.5 | T80 |
| Chevrolet | Camaro ZL1 | 2013 | 2013 | 4118 | 580 | 556 | 2.5 | 83.9 | T80 |
| Chevrolet | Camaro ZL1 1LE | 2019 | | 3886 | 650 | 650 | 15.0 | 101.6 | T100 |
| Chevrolet | Corvette | 1986 | 1986 | 3200 | 230 | 330 | 5.0 | 65.4 | T60 |
| Chevrolet | Corvette (C5) Coupe/Convertible | 1997 | 2000 | 3230 | 345 | 350 | 10.0 | 82.4 | T80 |
| Chevrolet | Corvette (C5) Coupe/Convertible | 2001 | 2004 | 3230 | 350 | 360 | 10.0 | 83.1 | T80 |
| Chevrolet | Corvette (C5) Z06 | 2001 | 2001 | 3130 | 385 | 385 | 15.0 | 92.4 | T90 |
| Chevrolet | Corvette (C5) Z06 | 2002 | 2004 | 3116 | 405 | 400 | 15.0 | 94.2 | T90 |
| Chevrolet | Corvette (C6) Coupe/Convertible | 2005 | 2007 | 3179 | 400 | 400 | 12.5 | 90.7 | T90 |
| Chevrolet | Corvette (C6) Coupe Z06 | 2006 | 2007 | 3133 | 505 | 470 | 15.0 | 100.0 | T100 |
| Chevrolet | Corvette (C6) Coupe/Convertible | 2008 | 2013 | 3208 | 430 | 424 | 12.5 | 92.6 | T90 |
| Chevrolet | Corvette (C6) Coupe Z06 | 2008 | 2008 | 3161 | 506 | 470 | 15.0 | 99.8 | T90 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|-----------|---|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Chevrolet | Corvette (C6) Coupe Z06 | 2009 | 2013 | 3199 | 506 | 470 | 15.0 | 99.5 | T90 |
| Chevrolet | Corvette (C6) Coupe Z51 | 2005 | 2007 | 3179 | 400 | 400 | 13.5 | 91.7 | T90 |
| Chevrolet | Corvette (C6) Coupe Z51 | 2008 | 2009 | 3216 | 430 | 424 | 13.5 | 93.6 | T90 |
| Chevrolet | Corvette (C6) Grand Sport Coupe | 2010 | 2013 | 3289 | 430 | 424 | 15.0 | 94.3 | T90 |
| Chevrolet | Corvette (C7) Coupe Z06 | 2014 | | 3380 | 625 | 635 | 20.0 | 109.1 | T100 |
| Chevrolet | Corvette (C7) Coupe Z06 Aero pack | 2014 | | 3380 | 625 | 635 | 22.5 | 111.6 | N/A |
| Chevrolet | Corvette (C7) Coupe Z51 | 2014 | | 3298 | 460 | 460 | 17.5 | 99.0 | T90 |
| Chevrolet | Corvette (C7) Coupe/Convertible | 2014 | | 3298 | 455 | 460 | 15.0 | 96.3 | T90 |
| Chevrolet | Corvette (C7) Grand Sport | 2017 | | 3445 | 460 | 465 | 20.0 | 100.3 | T100 |
| Chevrolet | Corvette (C8) | 2020 | | 3366 | 490 | 465 | 17.5 | 99.8 | T90 |
| Datsun | 240Z | 1973 | 1973 | 2355 | 150 | 146 | -2.5 | 42.2 | T40 |
| Datsun | 280Z | 1975 | 1978 | 2692 | 170 | 177 | -2.5 | 43.1 | T40 |
| Dodge | Challenger Hellcat | 2015 | | 4469 | 707 | 650 | 5.0 | 89.4 | T80 |
| Dodge | Challenger Hellcat Redeye | 2019 | | 4443 | 797 | 707 | 5.0 | 92.4 | T90 |
| Dodge | Challenger SRT8 | 2011 | | 4170 | 470 | 470 | 0.0 | 74.3 | T70 |
| Dodge | Neon ACR | 1995 | 1999 | 2463 | 150 | 133 | 0.0 | 39.5 | T30 |
| Dodge | Neon Sport | 2000 | 2005 | 2567 | 132 | 130 | -2.5 | 26.4 | T30 |
| Dodge | Neon Sport (SOHC) | 1997 | 1997 | 2491 | 132 | 130 | -2.5 | 28.9 | T30 |
| Dodge | Neon SRT-4 | 2000 | 2005 | 2970 | 215 | 245 | 0.0 | 55.9 | T50 |
| Dodge | Shelby Charger Turbo | 1987 | 1987 | 2500 | 175 | 175 | -15.0 | 36.3 | T30 |
| Dodge | Viper GTS | 1996 | 2002 | 3383 | 450 | 490 | 10.0 | 91.0 | T90 |
| Dodge | Viper GTS | 2013 | | 3431 | 640 | 560 | 15.0 | 103.2 | T100 |
| Dodge | Viper RT/10 | 1992 | 1995 | 3284 | 400 | 465 | 10.0 | 88.9 | T80 |
| Dodge | Viper SRT-10 | 2003 | 2006 | 3357 | 500 | 525 | 12.5 | 96.4 | T90 |
| Dodge | Viper SRT-10 | 2008 | 2010 | 3408 | 600 | 560 | 12.5 | 99.8 | T90 |
| Ferrari | 250 GTO | 1962 | 1964 | 2425 | 302 | 246 | -5.0 | 70.6 | T70 |
| Ferrari | 308 GTB/GTS | 1977 | 1985 | 2778 | 240 | 209 | 2.5 | 63.1 | T60 |
| Ferrari | 328 GTB/GTS | 1985 | 1990 | 2806 | 270 | 225 | 5.0 | 70.2 | T70 |
| Ferrari | Enzo | 2002 | 2004 | 3010 | 651 | 485 | 22.5 | 113.0 | N/A |
| Ferrari | F355 Berlinetta | 1994 | 1999 | 2976 | 380 | 286 | 12.5 | 88.2 | T80 |
| Ferrari | F360 Modena | 1999 | 2005 | 3197 | 400 | 275 | 15.0 | 89.1 | T80 |
| Ferrari | F40 | 1987 | 1992 | 2400 | 478 | 425 | 12.5 | 102.3 | T100 |
| Ferrari | F430 | 2004 | 2009 | 3197 | 483 | 343 | 17.5 | 98.4 | T90 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|---------|--------------------------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Ferrari | F458 Italia | 2010 | | 3274 | 562 | 398 | 17.5 | 102.1 | T100 |
| Fiat | 500 Abarth | 2008 | | 2500 | 133 | 130 | -2.5 | 29.0 | T30 |
| Ford | Escort ZX2 | 1998 | 1998 | 2531 | 130 | 127 | -2.5 | 26.1 | T30 |
| Ford | Fiesta ST | 2015 | | 2742 | 197 | 202 | 0.0 | 53.3 | T50 |
| Ford | Focus Coupe | 2008 | 2011 | 2588 | 140 | 136 | -2.5 | 30.2 | T30 |
| Ford | Focus RS | 2016 | | 3459 | 350 | 350 | 12.5 | 82.5 | T80 |
| Ford | Focus SE | 2000 | 2004 | 2546 | 100 | 125 | -2.5 | 9.6 | T30 |
| Ford | Focus Sedan | 2008 | 2011 | 2623 | 140 | 136 | -2.5 | 29.1 | T30 |
| Ford | Focus ST | 2012 | | 3223 | 252 | 270 | 5.0 | 63.9 | T60 |
| Ford | Focus SVT | 2002 | 2004 | 2769 | 170 | 145 | -2.5 | 36.7 | T30 |
| Ford | Focus ZX3 | 2000 | 2004 | 2551 | 130 | 135 | -2.5 | 27.2 | T30 |
| Ford | Focus ZX4 S/SE/SES | 2005 | 2007 | 2677 | 136 | 133 | -2.5 | 25.2 | T30 |
| Ford | Focus ZX4 ST | 2005 | 2007 | 2677 | 151 | 154 | 0.0 | 37.1 | T30 |
| Ford | GT | 2005 | 2006 | 3351 | 550 | 500 | 12.5 | 97.8 | T90 |
| Ford | Mustang | 1964 | 1965 | 2562 | 271 | 312 | -25.0 | 48.8 | T40 |
| Ford | Mustang Boss | 2012 | 2013 | 3632 | 444 | 380 | 5.0 | 80.5 | T80 |
| Ford | Mustang Boss 302 | 1969 | 1970 | 3384 | 290 | 290 | -22.5 | 39.9 | T30 |
| Ford | Mustang Cobra | 1996 | 1998 | 3404 | 305 | 300 | -5.0 | 59.3 | T50 |
| Ford | Mustang Cobra | 1999 | 2001 | 3430 | 320 | 317 | 0.0 | 66.3 | T60 |
| Ford | Mustang Cobra | 2003 | 2004 | 3665 | 390 | 390 | 0.0 | 72.1 | T70 |
| Ford | Mustang Cobra GT-40 | 1994 | 1995 | 3524 | 240 | 285 | -5.0 | 48.3 | T40 |
| Ford | Mustang Cobra R | 1995 | 1995 | 3354 | 280 | 343 | -5.0 | 59.6 | T50 |
| Ford | Mustang Cobra R | 2000 | 2000 | 3589 | 385 | 385 | 0.0 | 72.4 | T70 |
| Ford | Mustang GT | 1994 | 1995 | 3276 | 215 | 285 | -7.5 | 46.1 | T40 |
| Ford | Mustang GT | 1996 | 1997 | 3277 | 215 | 285 | -7.5 | 46.1 | T40 |
| Ford | Mustang GT | 1998 | 2004 | 3324 | 260 | 302 | -5.0 | 55.4 | T50 |
| Ford | Mustang GT | 2005 | 2009 | 3555 | 300 | 320 | 0.0 | 62.7 | T60 |
| Ford | Mustang GT | 2010 | 2010 | 3533 | 315 | 325 | 0.0 | 64.8 | T60 |
| Ford | Mustang GT | 2011 | 2014 | 3543 | 412 | 390 | 0.0 | 74.8 | T70 |
| Ford | Mustang GT | 2015 | 2017 | 3705 | 435 | 400 | 7.5 | 82.3 | T80 |
| Ford | Mustang GT | 2018 | | 3705 | 460 | 420 | 7.5 | 84.2 | T80 |
| Ford | Mustang GT (Roush Stage 3) | 2000 | 2001 | 3506 | 360 | 375 | 0.0 | 71.2 | T70 |
| Ford | Mustang GT Performance Package 1 | 2018 | | 3705 | 460 | 420 | 10.0 | 86.7 | T80 |
| Ford | Mustang GT Performance Package 2 | 2018 | | 3705 | 460 | 420 | 12.5 | 89.2 | T80 |
| Ford | Mustang GT350 Base (non-Track Pack) | 2016 | | 3796 | 526 | 429 | 10.0 | 89.3 | T80 |
| Ford | Mustang GT350 Base (with Track Pack) | 2016 | | 3796 | 526 | 429 | 12.5 | 91.8 | T90 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|----------|----------------------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Ford | Mustang GT350 R | 2016 | | 3718 | 526 | 429 | 15.0 | 95.0 | T90 |
| Ford | Mustang GT500 | 2005 | 2009 | 3920 | 500 | 480 | 2.5 | 80.7 | T80 |
| Ford | Mustang LX | 1987 | 1993 | 3250 | 225 | 300 | -7.5 | 49.3 | T40 |
| Ford | Mustang Shelby GT500 | 2010 | 2010 | 3940 | 540 | 510 | 2.5 | 82.9 | T80 |
| Ford | Mustang Shelby GT500 | 2011 | 2012 | 3871 | 550 | 510 | 5.0 | 86.3 | T80 |
| Ford | Mustang Shelby GT500 | 2013 | | 3871 | 662 | 630 | 5.0 | 91.7 | T90 |
| Ford | Mustang Shelby GT500 | 2020 | | 4059 | 760 | 625 | 7.5 | 95.4 | T90 |
| Ford | Mustang SVO | 1984 | 1986 | 3048 | 205 | 248 | -7.5 | 45.4 | T40 |
| Ford | Mustang SVT Cobra | 1993 | 1993 | 3255 | 235 | 280 | -7.5 | 49.2 | T40 |
| Ford | Mustang V6 | 2005 | 2009 | 3350 | 210 | 240 | -2.5 | 44.8 | T40 |
| Ford | Mustang V6 | 2010 | 2010 | 3401 | 210 | 240 | -2.5 | 43.8 | T40 |
| Ford | Mustang V6 | 2011 | | 3401 | 305 | 280 | 0.0 | 63.3 | T60 |
| Ford | Shelby GT | 2007 | 2008 | 3475 | 325 | 330 | 0.0 | 66.8 | T60 |
| Ford | Shelby Mustang GT350 Convertible | 1969 | 1970 | 3600 | 290 | 385 | -22.5 | 41.9 | T40 |
| Ford | Shelby Mustang GT500 | 1967 | 1967 | 3370 | 355 | 420 | -22.5 | 51.5 | T50 |
| Honda | Civic 3dr non-Si | 1992 | 1992 | 2178 | 102 | 98 | -5.0 | 15.0 | T30 |
| Honda | Civic DX | 1995 | 1995 | 2231 | 102 | 98 | -5.0 | 12.8 | T30 |
| Honda | Civic DX | 1996 | 1996 | 2262 | 127 | 107 | -5.0 | 27.1 | T30 |
| Honda | Civic DX | 1998 | 1998 | 2339 | 106 | 103 | -5.0 | 12.3 | T30 |
| Honda | Civic DX | 2003 | 2003 | 2416 | 115 | 110 | -5.0 | 16.4 | T30 |
| Honda | Civic DX Coupe | 2006 | 2006 | 2593 | 140 | 128 | -2.5 | 28.5 | T30 |
| Honda | Civic Hatchback | 1988 | 1991 | 2127 | 70 | 89 | -5.0 | -11.4 | T30 |
| Honda | Civic Hatchback DX | 1990 | 1991 | 2127 | 92 | 89 | -5.0 | 7.7 | T30 |
| Honda | Civic Si | 1992 | | 2326 | 125 | 106 | -2.5 | 26.2 | T30 |
| Honda | Civic Si | 2006 | 2011 | 2899 | 192 | 139 | 2.5 | 43.8 | T40 |
| Honda | Civic Si | 2012 | | 2895 | 201 | 170 | 2.5 | 50.0 | T50 |
| Honda | Civic Type R | 2017 | | 3150 | 306 | 295 | 12.5 | 80.2 | T80 |
| Honda | CRS Si | 1987 | 1987 | 1953 | 91 | 93 | -2.5 | 19.0 | T30 |
| Honda | CRX Si | 1985 | 1986 | 1883 | 108 | 100 | -2.5 | 33.5 | T30 |
| Honda | CRX Si | 1988 | 1988 | 2011 | 108 | 100 | -2.5 | 28.4 | T30 |
| Honda | S2000 | 1999 | 2003 | 2870 | 240 | 153 | 7.5 | 61.7 | T60 |
| Honda | S2000 2.2L | 2004 | 2009 | 2870 | 237 | 162 | 10.0 | 64.5 | T60 |
| Honda | S2000 CR | 2008 | 2009 | 2765 | 237 | 162 | 12.5 | 69.1 | T60 |
| Hyundai | Genesis Coupe | 2010 | 2011 | 3315 | 210 | 217 | 7.5 | 53.1 | T50 |
| Hyundai | Veloster N | 2019 | | 3036 | 250 | 260 | 5.0 | 66.1 | T60 |
| Hyundai | Veloster N w/pref package | 2019 | | 3036 | 275 | 260 | 7.5 | 71.7 | T70 |
| Infiniti | G35 Coupe | 2003 | 2006 | 3420 | 280 | 269 | 2.5 | 61.9 | T60 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|---------------|---------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Jaguar | XKR | 2003 | 2006 | 3785 | 390 | 399 | 2.5 | 73.6 | T70 |
| Jaguar | XKR-S | 2006 | | 3968 | 550 | 502 | 5.0 | 85.4 | T80 |
| Lamborghini | Aventador | 2011 | | 3470 | 690 | 510 | 15.0 | 103.6 | T100 |
| Lamborghini | Gallardo LP 560-4 | 2012 | | 3109 | 552 | 398 | 15.0 | 100.6 | T100 |
| Lamborghini | Murcielago LP 670-4 | 2009 | 2010 | 3671 | 661 | 490 | 15.0 | 101.2 | T100 |
| Lexus | IS300 | 2001 | 2005 | 3255 | 215 | 218 | 0.0 | 48.0 | T40 |
| Lexus | LFA | 2011 | 2012 | 3263 | 552 | 354 | 12.5 | 96.0 | T90 |
| Lotus | Elise | 2005 | 2007 | 2006 | 190 | 138 | 7.5 | 70.1 | T70 |
| Lotus | Esprit | 1996 | 1998 | 3043 | 350 | 295 | 5.0 | 78.0 | T70 |
| Maserati | Gran Turismo S | 2008 | 2012 | 4100 | 434 | 360 | 10.0 | 79.4 | T70 |
| Mazda | 3 | 2012 | | 2866 | 148 | 135 | -2.5 | 24.7 | T30 |
| Mazda | MazdaSpeed MX5 | 2004 | 2005 | 2529 | 178 | 166 | 5.0 | 55.2 | T50 |
| Mazda | Mazdaspeed Protege | 2003 | 2003 | 2843 | 170 | 160 | 0.0 | 39.5 | T30 |
| Mazda | Mazdaspeed3 | 2007 | 2007 | 3153 | 263 | 280 | 0.0 | 62.1 | T60 |
| Mazda | Mazdaspeed6 | 2006 | 2007 | 3589 | 274 | 280 | 0.0 | 56.7 | T50 |
| Mazda | Miata NA 1.6 | 1989 | 1993 | 2222 | 116 | 100 | 2.5 | 29.2 | T30 |
| Mazda | Miata NA 1.8 | 1994 | 1997 | 2293 | 128 | 114 | 2.5 | 35.5 | T30 |
| Mazda | Miata NB | 1999 | 2005 | 2447 | 140 | 125 | 2.5 | 37.5 | T30 |
| Mazda | Miata NC MX-5 | 2006 | | 2525 | 170 | 140 | 5.0 | 49.9 | T40 |
| Mazda | MX-5 | 2016 | 2018 | 2332 | 155 | 148 | 7.5 | 54.6 | T50 |
| Mazda | MX-5 | 2019 | | 2318 | 181 | 151 | 7.5 | 61.9 | T60 |
| Mazda | RX7 | 1981 | 1983 | 2350 | 101 | 107 | -5.0 | 10.0 | T30 |
| Mazda | RX-7 | 1986 | 1988 | 2700 | 146 | 138 | 0.0 | 31.9 | T30 |
| Mazda | RX-7 (non-turbo) | 1989 | 1991 | 2787 | 160 | 140 | 0.0 | 34.8 | T30 |
| Mazda | RX-7 Turbo | 1986 | 1988 | 2850 | 182 | 183 | 0.0 | 45.6 | T40 |
| Mazda | RX-7 Turbo | 1993 | 1995 | 2858 | 255 | 217 | 7.5 | 69.4 | T60 |
| Mazda | RX-8 | 2003 | 2008 | 3051 | 238 | 159 | 5.0 | 55.7 | T50 |
| Mazda | RX-8 | 2009 | 2011 | 3065 | 232 | 159 | 7.5 | 56.8 | T50 |
| Mercedes-Benz | e500 Wagon | 2006 | 2006 | 4231 | 302 | 339 | 0.0 | 54.8 | T50 |
| Mercedes-Benz | CLK 55 AMG | 2002 | 2002 | 3500 | 345 | 376 | 5.0 | 75.1 | T70 |
| Mercedes-Benz | SLS AMG | 2011 | | 3600 | 363 | 480 | 12.5 | 86.4 | T80 |
| MG | Midget | 1971 | 1971 | 1701 | 54 | 67 | -7.5 | -19.4 | T30 |
| MINI | Cooper | 2001 | 2006 | 2519 | 115 | 111 | 2.5 | 20.3 | T30 |
| MINI | Cooper | 2006 | | 2568 | 118 | 114 | 2.5 | 21.0 | T30 |
| MINI | Cooper S | 2005 | 2005 | 2678 | 168 | 162 | 5.0 | 48.4 | T40 |
| MINI | Cooper S | 2006 | | 2679 | 172 | 177 | 5.0 | 51.4 | T50 |
| Mini | Cooper S JCW | 2004 | | 2678 | 200 | 177 | 5.0 | 57.8 | T50 |
| Mini | JCW GP | 2013 | 2013 | 2624 | 211 | 207 | 10.0 | 68.8 | T60 |
| Mitsubishi | Eclipse GST | 1995 | 1999 | 2767 | 210 | 214 | -5.0 | 51.4 | T50 |
| Mitsubishi | Eclipse GSX | 1995 | 1999 | 3157 | 210 | 214 | 2.5 | 51.0 | T50 |
| Mitsubishi | Eclipse GT | 2000 | 2005 | 3053 | 200 | 205 | -2.5 | 45.2 | T40 |
| Mitsubishi | Eclipse GT-6 | 2006 | 2006 | 3472 | 263 | 260 | -2.5 | 53.2 | T50 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|------------|-------------------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Mitsubishi | Galant VR4 | 1992 | 1996 | 3200 | 237 | 228 | -5.0 | 48.9 | T40 |
| Mitsubishi | Galant VR4 | 1996 | 2003 | 3400 | 276 | 271 | -2.5 | 56.8 | T50 |
| Mitsubishi | Lancer Evo II | 1994 | 1995 | 2756 | 260 | 228 | 5.0 | 70.0 | T70 |
| Mitsubishi | Lancer Evo IX | 2005 | 2007 | 3285 | 286 | 289 | 10.0 | 73.4 | T70 |
| Mitsubishi | Lancer Evo VII | 2001 | 2003 | 3086 | 280 | 283 | 7.5 | 72.8 | T70 |
| Mitsubishi | Lancer Evo VIII | 2003 | 2005 | 3241 | 271 | 273 | 10.0 | 71.3 | T70 |
| Mitsubishi | Lancer Evo X | 2008 | | 3527 | 295 | 311 | 12.5 | 74.6 | T70 |
| Nissan | 200SX SE | 1995 | 1995 | 2366 | 115 | 108 | -7.5 | 15.3 | T30 |
| Nissan | 200SX SE | 1996 | 1997 | 2348 | 115 | 108 | -7.5 | 15.9 | T30 |
| Nissan | 200SX SE | 1998 | 1998 | 2418 | 115 | 108 | -7.5 | 13.3 | T30 |
| Nissan | 200SX SE-R | 1995 | 1995 | 2535 | 140 | 132 | -5.0 | 28.6 | T30 |
| Nissan | 200SX SE-R | 1996 | 1997 | 2491 | 140 | 132 | -5.0 | 29.9 | T30 |
| Nissan | 200SX SE-R | 1998 | 1998 | 2586 | 140 | 132 | -5.0 | 27.0 | T30 |
| Nissan | 240SX | 1989 | 1994 | 2698 | 155 | 160 | -2.5 | 36.3 | T30 |
| Nissan | 240SX | 1995 | 1999 | 2762 | 155 | 160 | 0.0 | 37.1 | T30 |
| Nissan | 350Z | 2003 | 2005 | 3247 | 287 | 274 | 7.5 | 70.7 | T70 |
| Nissan | 350Z | 2006 | 2006 | 3339 | 300 | 260 | 7.5 | 70.0 | T70 |
| Nissan | 350Z Nismo | 2007 | 2008 | 3353 | 306 | 268 | 10.0 | 73.4 | T70 |
| Nissan | 370Z Coupe | 2009 | 2011 | 3272 | 332 | 270 | 7.5 | 74.8 | T70 |
| Nissan | 370Z Nismo | 2009 | 2014 | 3340 | 350 | 276 | 10.0 | 78.4 | T70 |
| Nissan | GT-R | 2007 | 2010 | 3800 | 480 | 433 | 25.5 | 102.7 | T100 |
| Nissan | GT-R | 2007 | 2010 | 3800 | 478 | 434 | 22.5 | 99.6 | T90 |
| Nissan | GT-R | 2011 | 2012 | 3829 | 530 | 448 | 25.5 | 105.1 | T100 |
| Nissan | GT-R | 2013 | | 3829 | 545 | 463 | 25.5 | 106.1 | T100 |
| Nissan | GT-R NISMO | 2015 | | 3851 | 595 | 481 | 28.5 | 111.1 | N/A |
| Nissan | Juke | 2011 | | 2912 | 188 | 177 | -5.0 | 39.9 | T30 |
| Nissan | Sentra SE | 2000 | 2006 | 2544 | 145 | 136 | -7.5 | 28.4 | T30 |
| Nissan | Sentra SE-R | 1991 | 1994 | 2469 | 138 | 132 | -5.0 | 29.8 | T30 |
| Nissan | Sentra SE-R | 2000 | 2006 | 2746 | 165 | 175 | 0.0 | 42.7 | T40 |
| Nissan | Sentra XE | 1991 | 1994 | 2386 | 115 | 108 | -7.5 | 14.5 | T30 |
| Nissan | Skyline GT-R (R32) | 1989 | 1991 | 3152 | 276 | 266 | 5.0 | 67.9 | T60 |
| Nissan | Skyline GT-R (R33) | 1993 | 1998 | 3373 | 276 | 266 | 7.5 | 66.9 | T60 |
| Nissan | Skyline GT-R (R34) | 1999 | 2002 | 3386 | 276 | 266 | 12.5 | 71.7 | T70 |
| Pontiac | Fiero GT | 1988 | 1988 | 2790 | 135 | 160 | -5.0 | 24.3 | T30 |
| Pontiac | Firebird TransAm | 1996 | 1996 | 3477 | 305 | 335 | 0.0 | 65.1 | T60 |
| Pontiac | Firebird TransAm | 2002 | 2002 | 3396 | 310 | 340 | 2.5 | 69.4 | T60 |
| Pontiac | Firebird TransAm TTA | 1989 | 1989 | 3400 | 250 | 340 | -5.0 | 55.4 | T50 |
| Pontiac | GTO | 2004 | 2004 | 3725 | 350 | 365 | 0.0 | 67.4 | T60 |
| Pontiac | GTO | 2005 | 2006 | 3725 | 400 | 400 | 0.0 | 72.4 | T70 |
| Pontiac | Solstice (also Saturn Sky) | 2006 | 2010 | 2877 | 177 | 166 | 5.0 | 46.5 | T40 |
| Pontiac | Solstice GXP (Saturn Redline) | 2007 | 2010 | 3031 | 260 | 260 | 5.0 | 67.5 | T60 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|---------|--------------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Porsche | 912 | 1967 | 1967 | 2315 | 86 | 98 | -10.0 | -7.3 | T30 |
| Porsche | 944 | 1982 | 1987 | 2790 | 143 | 137 | 2.5 | 30.4 | T30 |
| Porsche | 911 (964) | 1989 | 1994 | 3031 | 247 | 228 | 5.0 | 63.5 | T60 |
| Porsche | 911 (993) | 1995 | 1998 | 3020 | 272 | 243 | 7.5 | 70.6 | T70 |
| Porsche | 911 3.2L | 1986 | 1989 | 2756 | 214 | 195 | 2.5 | 58.1 | T50 |
| Porsche | 911 Carrera (996) | 1999 | 1999 | 2910 | 296 | 258 | 10.0 | 78.4 | T70 |
| Porsche | 911 Carrera 2 (996) | 2002 | 2002 | 3098 | 320 | 273 | 10.0 | 78.7 | T70 |
| Porsche | 911 Carrera 3.6L (996) | 2005 | 2005 | 3075 | 325 | 273 | 10.0 | 79.5 | T70 |
| Porsche | 911 Carrera S | 2012.5 | | 3075 | 400 | 325 | 12.5 | 89.7 | T80 |
| Porsche | 911 Carrera S (997) | 2009 | 2009 | 3150 | 385 | 310 | 10.0 | 84.8 | T80 |
| Porsche | 911 Carrera S 3.8L (996) | 2005 | 2005 | 3131 | 355 | 295 | 10.0 | 82.3 | T80 |
| Porsche | 911 GT2 (996) | 2002 | 2004 | 3175 | 456 | 457 | 12.5 | 94.9 | T90 |
| Porsche | 911 GT2 (997) | 2008 | 2009 | 3175 | 530 | 505 | 12.5 | 98.6 | T90 |
| Porsche | 911 GT2 (997) | 2011 | 2011 | 3075 | 620 | 516 | 15.0 | 104.7 | T100 |
| Porsche | 911 GT3 | 2015 | | 3153 | 475 | 324 | 22.5 | 102.9 | T100 |
| Porsche | 911 GT3 (996) | 2004 | 2004 | 3043 | 380 | 284 | 12.5 | 87.3 | T80 |
| Porsche | 911 GT3 (997) | 2007 | 2007 | 3076 | 415 | 300 | 15.0 | 92.3 | T90 |
| Porsche | 911 GT3RS (997) | 2010 | 2011 | 3020 | 450 | 317 | 17.5 | 97.9 | T90 |
| Porsche | 911 GTS | 2012 | 2012 | 3430 | 408 | 310 | 15.0 | 88.2 | T80 |
| Porsche | 911 Turbo (930) | 1986 | 1989 | 2976 | 282 | 289 | 5.0 | 72.5 | T70 |
| Porsche | 911 Turbo (965) | 1989 | 1994 | 3274 | 315 | 332 | 7.5 | 76.1 | T70 |
| Porsche | 911 Turbo (993) | 1996 | 1997 | 3307 | 408 | 398 | 10.0 | 87.3 | T80 |
| Porsche | 911 Turbo (996) | 2002 | 2002 | 3388 | 415 | 415 | 12.5 | 89.8 | T80 |
| Porsche | 911 Turbo (997) | 2007 | 2007 | 3495 | 480 | 460 | 12.5 | 93.1 | T90 |
| Porsche | 914-6 GT | 1973 | 1973 | 2200 | 130 | 131 | 5.0 | 45.3 | T40 |
| Porsche | 924 S | 1988 | 1988 | 2734 | 160 | 155 | -2.5 | 36.1 | T30 |
| Porsche | 928 GT | 1990 | 1991 | 3505 | 330 | 317 | 0.0 | 66.3 | T60 |
| Porsche | 928 GTS | 1993 | 1995 | 3593 | 350 | 369 | 0.0 | 69.1 | T60 |
| Porsche | 944 S2 | 1989 | 1991 | 2998 | 208 | 207 | 2.5 | 53.1 | T50 |
| Porsche | 944 Turbo | 1986 | 1988 | 2998 | 220 | 243 | 2.5 | 58.5 | T50 |
| Porsche | 944 Turbo | 1989 | 1989 | 2998 | 250 | 258 | 2.5 | 64.1 | T60 |
| Porsche | Boxster | 1997 | 1999 | 2822 | 201 | 181 | 5.0 | 55.3 | T50 |
| Porsche | Boxster | 2000 | 2002 | 2778 | 217 | 192 | 5.0 | 60.4 | T60 |
| Porsche | Boxster | 2003 | 2004 | 2778 | 228 | 192 | 7.5 | 64.8 | T60 |
| Porsche | Boxster | 2005 | 2006 | 2855 | 240 | 199 | 7.5 | 65.9 | T60 |
| Porsche | Boxster | 2007 | 2008 | 2855 | 245 | 201 | 7.5 | 66.8 | T60 |
| Porsche | Boxster | 2009 | 2011 | 2943 | 255 | 214 | 7.5 | 67.7 | T60 |
| Porsche | Boxster S | 2000 | 2002 | 2855 | 250 | 225 | 7.5 | 69.3 | T60 |
| Porsche | Boxster S | 2003 | 2004 | 2999 | 258 | 229 | 10.0 | 70.7 | T70 |
| Porsche | Boxster S | 2005 | 2006 | 2965 | 280 | 236 | 10.0 | 74.5 | T70 |
| Porsche | Boxster S | 2007 | 2008 | 2965 | 295 | 251 | 10.0 | 77.0 | T70 |
| Porsche | Boxster S | 2009 | 2011 | 2987 | 310 | 265 | 10.0 | 79.0 | T70 |
| Porsche | Carrera (997) | 2005 | 2008 | 3075 | 325 | 273 | 10.0 | 79.5 | T70 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|---------|----------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Porsche | Carrera GT | 2004 | 2007 | 3000 | 612 | 435 | 15.0 | 103.9 | T100 |
| Porsche | Cayenne GTS | 2013 | 2014 | 4597 | 420 | 380 | -2.5 | 61.5 | T60 |
| Porsche | Cayenne Turbo | 2003 | 2006 | 5200 | 450 | 460 | -5.0 | 58.3 | T50 |
| Porsche | Cayman | 2006 | 2008 | 2866 | 245 | 201 | 10.0 | 69.1 | T60 |
| Porsche | Cayman | 2009 | 2012 | 2932 | 265 | 221 | 10.0 | 72.2 | T70 |
| Porsche | Cayman | 2014 | | 2888 | 275 | 213 | 10.0 | 73.7 | T70 |
| Porsche | Cayman | 2017 | | 2943 | 300 | 280 | 10.0 | 79.4 | T70 |
| Porsche | Cayman GT4 | 2016 | | 2955 | 385 | 309 | 15.0 | 92.1 | T90 |
| Porsche | Cayman GTS | 2018 | | 3031 | 365 | 309 | 10.0 | 84.8 | T80 |
| Porsche | Cayman S | 2006 | 2008 | 2954 | 295 | 251 | 10.0 | 77.2 | T70 |
| Porsche | Cayman S | 2009 | 2011 | 2976 | 320 | 273 | 10.0 | 80.4 | T80 |
| Porsche | Cayman S | 2015 | | 2910 | 325 | 273 | 10.0 | 81.8 | T80 |
| Porsche | Cayman S | 2017 | | 2987 | 350 | 309 | 10.0 | 84.3 | T80 |
| Porsche | Panamera Turbo | 2010 | 2016 | 4343 | 500 | 516 | 7.5 | 83.0 | T80 |
| Saab | 900 Turbo | 1990 | 1993 | 2967 | 175 | 195 | -2.5 | 40.1 | T40 |
| Saab | 9000 Aero | 1993 | 1997 | 3250 | 225 | 258 | -2.5 | 51.0 | T50 |
| Saab | 9-3 Vector | 2002 | 2003 | 3285 | 210 | 221 | -5.0 | 41.7 | T40 |
| Saab | 9-3 Viggen | 1999 | 2002 | 2987 | 230 | 258 | 0.0 | 59.0 | T50 |
| Saab | 9-5 Aero | | | 3470 | 250 | 258 | -2.5 | 51.1 | T50 |
| Saab | 9-5 SE | 1999 | 2003 | 3280 | 170 | 207 | -5.0 | 30.5 | T30 |
| Saleen | S7 | 2000 | 2004 | 2750 | 500 | 525 | 17.5 | 106.5 | T100 |
| Saleen | S7 Twin Turbo | 2005 | 2009 | 2950 | 750 | 700 | 17.5 | 112.4 | N/A |
| Scion | FR-S | 2013 | 2016 | 2758 | 200 | 151 | 5.0 | 55.1 | T50 |
| Scion | tC | 2005 | 2010 | 2970 | 160 | 163 | 0.0 | 33.6 | T30 |
| Smart | Fortwo | 2007 | | 1808 | 70 | 68 | -10.0 | -8.8 | T30 |
| Subaru | BRZ | 2013 | 2017 | 2760 | 200 | 151 | 7.5 | 55.6 | T50 |
| Subaru | BRZ | 2017 | | 2777 | 205 | 156 | 7.5 | 56.9 | T50 |
| Subaru | BRZ Performance Pack | 2017 | | 2777 | 205 | 156 | 9.0 | 58.4 | T50 |
| Subaru | Forester | 1998 | 1998 | 3040 | 165 | 162 | -12.5 | 20.7 | T30 |
| Subaru | Forester 2.5 XT | 2004 | 2005 | 3270 | 210 | 235 | -5.0 | 43.3 | T40 |
| Subaru | Impreza 2.5 RS | 2000 | 2001 | 2845 | 165 | 162 | 0.0 | 38.3 | T30 |
| Subaru | Impreza L | 1998 | | 2795 | 137 | 145 | -5.0 | 21.9 | T30 |
| Subaru | Impreza Sport | 2017 | | 3015 | 152 | 145 | 0.0 | 26.4 | T30 |
| Subaru | Impreza WRX | 2002 | 2005 | 3085 | 227 | 217 | 0.0 | 53.4 | T50 |
| Subaru | Impreza WRX | 2008 | 2008 | 3142 | 224 | 226 | 0.0 | 52.6 | T50 |
| Subaru | Impreza WRX | 2011 | | 3208 | 265 | 244 | 2.5 | 61.7 | T60 |
| Subaru | Impreza WRX | 2015 | | 3364 | 268 | 258 | 5.0 | 63.0 | T60 |
| Subaru | Impreza WRX STi | 2004 | 2004 | 3263 | 300 | 300 | 10.0 | 75.8 | T70 |
| Subaru | Impreza WRX Sti | 2005 | 2005 | 3298 | 300 | 300 | 10.0 | 75.3 | T70 |
| Subaru | Impreza WRX Sti | 2006 | 2006 | 3351 | 300 | 300 | 10.0 | 74.5 | T70 |
| Subaru | Impreza WRX STi | 2008 | 2014 | 3384 | 305 | 290 | 10.0 | 74.1 | T70 |
| Subaru | Impreza WRX STi | 2015 | 2018 | 3386 | 305 | 290 | 10.0 | 74.0 | T70 |
| Subaru | Legacy 2.5 GT | 1994 | 1999 | 3130 | 165 | 162 | -5.0 | 25.9 | T30 |
| Subaru | Legacy 2.5 GT Spec B | 2006 | 2006 | 3400 | 250 | 250 | -2.5 | 51.7 | T50 |

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| Make | Model | Start Year | End Year | Base Wt | HP | Torque | Perf. Adj | Base Assess | Base Class |
|------------|-------------------------|------------|----------|---------|-----|--------|-----------|-------------|------------|
| Tesla | Model 3 Long Range RWD | 2018 | | 3838 | 271 | 307 | 2.5 | 56.9 | T50 |
| Tesla | Roadster Sport 2.5 | 2008 | 2012 | 2723 | 288 | 295 | 7.5 | 79.6 | T70 |
| Toyota | 86 | 2017 | | 2777 | 205 | 156 | 7.5 | 56.9 | T50 |
| Toyota | 86 Spec Ed (perf pack) | 2017 | | 2777 | 205 | 156 | 9.0 | 58.4 | T50 |
| Toyota | Celica GT-S | 1985 | 1989 | 2703 | 135 | 125 | -5.0 | 19.8 | T30 |
| Toyota | Corolla GT-S (AE86) | 1987 | 1987 | 2200 | 112 | 97 | -10.0 | 14.6 | T30 |
| Toyota | Matrix | 2010 | | 2865 | 132 | 128 | -5.0 | 13.8 | T30 |
| Toyota | Matrix S | 2010 | | 3360 | 158 | 162 | -5.0 | 17.4 | T30 |
| Toyota | Matrix XRS | 2010 | | 3220 | 158 | 162 | -5.0 | 21.1 | T30 |
| Toyota | MR2 | 1990 | 1999 | 2599 | 135 | 145 | 0.0 | 32.2 | T30 |
| Toyota | MR2 N/A | 1987 | 1989 | 2350 | 115 | 110 | -2.5 | 21.4 | T30 |
| Toyota | MR2 Supercharged | 1988 | 1988 | 2494 | 145 | 140 | -2.5 | 35.6 | T30 |
| Toyota | MR2 Sypder | 2000 | 2007 | 2195 | 138 | 125 | 5.0 | 47.2 | T40 |
| Toyota | MR2 Turbo | 1990 | 1999 | 2782 | 200 | 200 | 0.0 | 52.9 | T50 |
| Triumph | TR4 | 1961 | 1965 | 2130 | 100 | 127 | -15.0 | 13.9 | T30 |
| Triumph | TR6 | 1969 | 1976 | 2491 | 106 | 133 | -17.5 | 2.4 | T30 |
| Triumph | TR7 Convertible | 1979 | 1979 | 2469 | 85 | 101 | -10.0 | -14.2 | T30 |
| Triumph | TR7/8 Convertible | 1979 | 1980 | 2654 | 137 | 165 | -7.5 | 27.4 | T30 |
| Ultima | GTR | 2006 | | 2183 | 534 | 528 | 27.5 | 122.1 | N/A |
| Ultima | GTR720 | 2006 | | 2183 | 720 | 580 | 27.5 | 125.7 | N/A |
| Volkswagen | Golf GTI | 1998 | 1998 | 2565 | 115 | 122 | -5.0 | 14.1 | T30 |
| Volkswagen | Golf GTI 1.8T | 2000 | 2000 | 2906 | 150 | 155 | -2.5 | 28.1 | T30 |
| Volkswagen | Golf GTI 1.8T | 2002 | 2002 | 2935 | 180 | 174 | -2.5 | 39.4 | T30 |
| Volkswagen | Golf R | 2015 | | 3340 | 292 | 280 | 7.5 | 70.2 | T70 |
| Volkswagen | Golf R32 | 2004 | 2004 | 3256 | 241 | 236 | 5.0 | 59.2 | T50 |
| Volkswagen | Golf R32 | 2008 | 2008 | 3547 | 250 | 236 | 7.5 | 58.1 | T50 |
| Volkswagen | GTI Coupe | 2007 | 2009 | 3161 | 200 | 207 | 0.0 | 45.6 | T40 |
| Volkswagen | Jetta 2.0T | 2006 | 2006 | 3259 | 200 | 207 | -2.5 | 41.0 | T40 |
| Volkswagen | Jetta 2.5L | 2005 | 2005 | 3230 | 150 | 170 | -2.5 | 21.9 | T30 |
| Volkswagen | Jetta SE | 2011 | | 3018 | 170 | 177 | -2.5 | 35.1 | T30 |
| Volkswagen | Jetta VR6 GLS | 2002 | 2002 | 3113 | 174 | 181 | -5.0 | 32.0 | T30 |
| Volkswagen | New Beetle GLS 1.8T | 2000 | 2000 | 2875 | 150 | 162 | -2.5 | 30.2 | T30 |
| Volkswagen | Rabbit 2.5L Coupe | 2007 | 2007 | 3072 | 150 | 170 | -2.5 | 26.2 | T30 |
| Volkswagen | Rabbit GTI | 1984 | 1984 | 1990 | 90 | 100 | -10.0 | 11.4 | T30 |
| Volkswagen | Scirocco 16V | 1984 | 1984 | 2530 | 123 | 120 | -10.0 | 13.9 | T30 |
| Volkswagen | GTI | 2017 | | 3116 | 220 | 258 | 5.0 | 60.1 | T60 |
| Volkswagen | Golf TDI | 1991 | 1999 | 2450 | 108 | 173 | -5.0 | 26.7 | T30 |
| Volvo | V60 Polestar | 2017 | | 3966 | 362 | 347 | 7.5 | 72.3 | T70 |

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IX. APPENDIX B - SPECIAL AWARDS

COMSCC Special Awards are awarded annually to COMSCC members in good standing by either summing points earned throughout the season or by vote of the COMSCC Board of Directors, depending on the description of each award. For awards based solely on points earned throughout the season, the winner shall be calculated based on the summation of Participation Points and Finishing Points earned throughout the season, irrespective of class (i.e. competitors may accrue points towards Special Awards across multiple classes). No events shall be dropped in calculating points for Special Awards. Further, if a competitor completes multiple time trials at a single COMSCC event, only the highest points total of Participation and Finishing Points will be counted towards the Special Award calculations; all other entries from the event will be discarded.

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Marvin Schriebman Memorial Award

To the outstanding contributor to COM for the past year. Marv Schriebman was active in Corvettes of Massachusetts (as we were known in the old days) not only as a driver but as an organizer, worker, and more. He died on Winter Weekend 1966, drowning in the swimming pool after having a heart attack. His son remained active in COM for several years.

This was the first memorial trophy awarded, paid for by a collection by the members of COM.

| | |
|--------------------------------------|---------------------------|
| 1966 Hugh McGuire | 1967 Ken Duclos |
| 1968 Lynn Cozza | 1969 Bob & Nancy Scovill |
| 1970 Monty Wells | 1971 Barbara Leduc |
| 1972 Judi & Duke Sheaff | 1973 Ken Hablow |
| 1974 Judi Sheaff | 1975 Sue Meyer |
| 1976 Bob Moreau | 1977 Lee Auclair |
| 1977 Lee Auclair | 1979 Michael Caldwell |
| 1980 Bill Swenson | 1981 Cathie Denomme |
| 1982 Don Denomme | 1983 Cathie & Don Denomme |
| 1984 Trisha Blethen & Cathie Denomme | 1985 Barbara Platt |
| 1986 Denise Cayon | 1987 Dave Burden |
| 1988 Sharon Morgan | 1989 Dave Burden |
| 1990 Dave Hottle | 1991 Norma Costa |
| 1992 Frank Perron | 1993 Elizabeth Ames |
| 1994 Liz Valley | 1995 Emily Cullen |
| 1996 Mike French & Frank Perron | 1997 Grove Marcy |
| 1998 Cathy Clark | 1999 Paul Shearer |
| 2000 Rob Goldfarb | 2001 Chris Aylward |
| 2002 Bill Miskoe | 2003 Herb DaSilva |
| 2004 Dan Malek | 2005 Christopher Tier |
| 2006 William Fitzmaurice | 2007 Paul Shearer |
| 2008 Bruce Allen | 2009 John Spain |
| 2010 Robert Brooks | 2011 Will Martins |
| 2012 Bill Hosselbarth | 2013 Tom Cannon |
| 2014 Rebecca Harvey | 2015 Nick Fontana |
| 2016 James Ray | 2017 Tom Cannon |
| 2018 Roe Cole | 2019 Bonnie Berry |
| 2020 Bob Steenson | |

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Andy Smith Jr., Mark Swinehart Sportsmanship Award

Awarded to the COM member who has shown the greatest sportsmanship. (Renamed in 2020)

Andy Smith, Sr., was a circle track enthusiast and car builder. His two sons were very active in COM, racing Corvettes in the late 60's. Andy, Jr. was killed in 1969 in an auto accident. Andy, Sr. donated this memorial trophy to COM in his son's name because he was noted for his sportsmanlike ways.

Mark Swinehart has been a recipient of this award multiple times and is a perennial nominee regarding his sportsmanship. As of this writing, Mark is the longest serving currently active member of COM Sports Car Club having competed in more than 135 events (more than any other member). Mark has set such an example over the years that in 2020, the COM Board of Directors voted to add his name to the title.

| | |
|---|--|
| 1969 Gerry Robinson | 1970 George Mamary |
| 1971 Noel Poduje | 1972 Neil Flaherty |
| 1973 Earl Maclean | 1974 Duke Sheaff & Phil Valpey |
| 1975 Peter Valpey | 1976 Casey Schild |
| 1977 Choppy Wicker | 1978 Peter Flanagan |
| 1979 Yale Rachlin | 1980 Rad Nutting |
| 1981 Al Doty | 1982 Michael Wilson |
| 1983 Bill Kinirey, Glen Kus, & Paul Poirier | 1984 Mal & Mary Taylor |
| 1985 Dave Laughlin | 1986 Lunch Box Racing (Bill Hastie & Radu Tennebaum) |
| 1987 Mark Freeman | 1988 Doug Kelly |
| 1989 Frank Perron | 1990 Peter Evans & Jeff Curtis |
| 1991 Michael Forte | 1992 Douglas Valley |
| 1993 Pete Polli | 1994 Donna Carlson |
| 1995 Stuart Greene | 1996 Andrew Appleton |
| 1997 Frank Cullen | 1998 Glenn Seward |
| 1999 Christopher Tier | 2000 Jason Stockwell |
| 2001 Mark Swinehart | 2002 Lou Milinazzo |
| 2003 Chris Connacher | 2004 Brian Formel |
| 2005 Don Pierce | 2006 Lester Seal |
| 2007 Michael Geldart | 2008 Jason Howes |
| 2009 David Boutelle | 2010 Mark Swinehart & Troy Velazquez |
| 2011 Thom McPherson | 2012 Chris Parsons |
| 2013 Dana Johnston | 2014 Bob Cairns & Dave Lemoine |
| 2015 Troy Velazquez | 2016 Greg Hosselbarth |
| 2017 Lester Seal & Bob Cairns | 2018 Dan Baldwin and Sash Dias |
| 2019 Jake Wile | 2020 Sam Pollard |

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Arthur Kelley Memorial Award

For outstanding personal achievement in a new role. Arthur Kelley was a theatre critic and photographer for the Boston Globe. He was also able to get a regular sports column in the Globe to keep the public informed of events throughout the area. He was a regular attendant of COM events back in the Salisbury days and continued to promote COM after his retirement from the Boston Globe.

After his death in 1982, the COM Board of Directors decided to honor his memory with this annual award to the person who has done the best job in his or her new role.

| | |
|----------------------|----------------------------------|
| 1982 Trisha Blethen | 1983 Denise Cayon & Steve Hooper |
| 1984 Kent Backe | 1985 Dave Burden |
| 1986 Dave Laughlin | 1987 Ed Funk |
| 1988 Dan Sheppard | 1989 Chris Demers |
| 1990 David Dennis | 1991 Elizabeth Ames |
| 1992 Grove Marcy | 1993 Katie Richmond |
| 1994 Kevin Rosenberg | 1995 Ed Dennison |
| 1996 Cathy Clark | 1997 Herb DaSilva |
| 1998 Kevin Foote | 1999 Dave & Annette Woodle |
| 2000 Fred Sanford | 2001 Bruce Allen |
| 2002 Debbie Stohn | 2003 Dan Malek |
| 2004 Mark Swinehart | 2005 Carl Fossum |
| 2006 Nate Hine | 2007 Bill Hosselbarth |
| 2008 Sam Webster | 2009 Will Martins |
| 2010 Fred Ferguson | 2011 Richard Murphy |
| 2012 Jeff Wasilko | 2013 Peter Fontana |
| 2014 Nick Fontana | 2015 Paul Giurlando |
| 2016 Chris Parsons | 2017 Nick Fontana |
| 2018 Nelson Barros | 2019 Sash Dias and Tom Cannon |
| 2020 Jon Cowen | |

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The William F. McMahon British Cup

Awarded to the season's highest points scoring driver of a British automobile. (Renamed for Bill McMahon – 2018)

Bill McMahon was long standing member of COM, competing in 41 TT events with 16 of those finishing on the podium. Bill won class championships in 2009, 2010, and 2013, receiving this very award, and was also an honored recipient of the Racing Against Leukemia Award within the same time period – 2009, and 2011. Bill passed away in 2018 after an extended battle with cancer. He was an example of courage in the face of adversity, showing all of us that one doesn't just stop following their path because of some bumps in the road.

This trophy, originally a wedding gift, was donated in 1978 by Lee and Diane Auclair and mounted by Pete Flanagan.

| | |
|---|---|
| 1978 Tony Martin (Triumph TR6) | 1979 Paul Poirier (MG Midget) |
| 1980 Tony Martin (Triumph TR6) | 1981 Shiela Bushey (MGB) |
| 1982 Paul Poirier (MG Midget) | 1983 Irv Perkins (Mini Cooper) |
| 1984 Glenn Kus (MG Midget) | 1985 Jack Dice (AH Sprite) |
| 1986 Michael French (MG Midget) | 1987 Dick Davis (MG Midget) |
| 1988 Dick Davis (MG Midget) | 1989 Dick Davis (MG Midget) |
| 1990 Royal Thurston, III (Lotus Esprit Turbo) | 1991 Royal Thurston, III (Lotus Esprit Turbo) |
| 1992 Royal Thurston, III (Lotus Esprit Turbo) | 1993 Royal Thurston, III (Lotus Esprit Turbo) |
| 1994 Fred Myers (Triumph TR4) | 1995 Fred Myers (Triumph TR4) |
| 1996 Fred Myers (Triumph TR4) | 1997 Fred Myers (Triumph TR4) |
| 1998 Walt Armstrong (TVR) | 1999 Mark Wheatley (Triumph TR4) |
| 2000 Mark Wheatley (Triumph TR4) | 2001 No Award |
| 2002 No Award | 2003 Andrzej Brzezinski (Lotus Esprit) |
| 2004 Michael Fridmann (Lotus Esprit) | 2005 Mark Chase (Mini Cooper S) |
| 2006 Bruce Allen/Mark Chase/Lance Woodley | 2007 Lester Seal (Locost) |
| 2008 James Hartnett (MINI) | 2009 Bill McMahon (Austin Healy 3000 Mk III) |
| 2010 Bill McMahon (Austin Healy 3000 Mk III) | 2011 Dan D'Arcy (Lotus Elise) |
| 2012 Dan D'Arcy (Lotus Elise) | 2013 Bill McMahon (Austin Healy 3000 Mk III) |
| 2014 Howard Roundy (Lotus Elise) | 2015 Dan D'Arcy (Lotus Elise) |
| 2016 Bruce Allen (Lotus Exige Cup 240) | 2017 Dan D'Arcy (Lotus Elise / Lotus Exige Cup 255) |
| 2018 Dan D'Arcy (Lotus Elise / Lotus Exige Cup 255) | 2019 Howard Roundy (Lotus Elise) |
| 2020 Dan D'Arcy (Lotus Exige Cup 255) | |

2021 Rules, Regulations and Car Classifications

The Japanese Cup

Awarded for competitive spirit in a Japanese sports car. At an informal party back in 1983 that several COM members were attending (many of whom were down to some serious partying, we've been told), Dave Sherman piped up and said that "there ought to be a Japanese award; after all, we do have a British award." So Cathie Denomme suggested he donate one and so he did.

The Japanese Cup is presented to the driver of a Japanese car who had been the most outstanding driver in competition among the Japanese cars.

| | |
|--|---|
| 1983 Jim Taylor (Datsun 280Z) | 1984 Judy Saykin (Datsun B210) |
| 1985 Mark Bowen (Dodge Colt Turbo) | 1986 Mark Freeman (Datsun 240Z) |
| 1987 John Parent (Acura Integra/Mitsubishi Starion) | 1988 Dave Hottle (Mazda RX7) |
| 1989 Chris Demers(Acura Integra) | 1990 Peter Evans (Toyota Supra) |
| 1991 ChongLiang Soo (Mazda RX7) | 1992 Bruce Allen (Mazda RX7) |
| 1993 Toru Kawamura (Toyota Supra) | 1994 Stephen Tier (Nissan Sentra SE-R) |
| 1995 Madison Bolden (Mazda RX-7) | 1996 Brian Cleary (Mitsubishi Eclipse GSX) |
| 1997 Bruce Allen (Mazda RX-7) | 1998 David Foote (Toyota Supra Turbo) |
| 1999 Eric Lavery (Acura Integra R) | 2000 Doug Campbell (Mitsubishi Eclipse) |
| 2001 Marc Epstein (Mazda Miata) | 2002 Christopher Tier (Nissan Sentra) |
| 2003 Scott Swinehart (Nissan Sentra) | 2004 Christopher Tier (Nissan Sentra/Mazda Miata) |
| 2005 Michael Geldart (Nissan 350Z) | 2006 Gordon Andrade (Mazda Miata) |
| 2007 Joe Lu (Subaru WRX STi) | 2008 Mark Epstein (Honda S2000) |
| 2009 Mark Epstein (Honda S2000) | 2010 Gordon Andrade (Mazda Miata) |
| 2011 Chris Parsons (Nissan 370Z) | 2012 Dave Wittmer (Mazda Miata) |
| 2013 DJ McArdle (Nissan 370Z NISMO) | 2014 Chad Fox (Acura Integra) & Derek Tangard (Mazda Miata) |
| 2015 Rebecca Harvey (Mazda Miata) | 2016 Dan Preston (Nissan 370Z) |
| 2017 Sash Dias (Subaru BRZ) & Mark Swinehart (Mazda Miata) | 2018 Dan Baldwin (Subaru BRZ) |
| 2019 Micah Spielvogel (Mazda Miata) | 2020 Roe Cole (Honda S2000) |

2021 Rules, Regulations and Car Classifications

The Deutsche Autofahrer Anerkennung

Awarded to the driver of a car produced by a German auto manufacturer who has had the most outstanding performance over the course of the year.

The number of points that a driver has won during the course of the championship series will be considered in deciding the winner of the award, however, that should not be the only factor involved. The members of the BOD should look at the level of competition in each of the classes and choose the driver who has done the best against the highest level of competition.

The award was designed with passenger cars in mind. The existence of German-made formula cars is acknowledged, but these cars are not considered to be eligible for the trophy. This award was donated to the club by Dave Burden who received the various emblems from area car dealerships (Tulley-BMW, Cavanaugh Brothers, Nault's and Nashua Auto).

| | |
|-------------------------------------|--|
| 1984 Manfred Moehring (Porsche 911) | 1985 Paul LeCain (Porsche 930) |
| 1986 Roy Delonga (VW Scirocco) | 1987 Ray Gadbois (Porsche 911) |
| 1988 Elizabeth Ames (Porsche 944) | 1989 James Jordan (BMW) |
| 1990 Steve Richard (BMW 2002) | 1991 George Rogers (Porsche 911) |
| 1992 Taku Innoue (Ruf Porsche) | 1993 Pete Janssen (VW Rabbit) |
| 1994 Rob Tucker (Porsche 914) | 1995 Sam McCleary (BMW M3) |
| 1996 David Foote (BMW M3) | 1997 David Foote (BMW M3) |
| 1998 Kevin Holmes (BMW M3) | 1999 Robert Goldfarb (Porsche 968) |
| 2000 Leos Kubec (Porsche 911) | 2001 Michael T Campbell (VW GTI) |
| 2002 Fred Ferguson (BMW M3) | 2003 James Price (Porsche 930 turbo) |
| 2004 Mark Litzerman (BMW M3) | 2005 Mike Demopoulos (BMW M3) |
| 2006 Mike Demopoulos (BMW M3) | 2007 Mike Demopoulos (BMW M3) |
| 2008 Kurt Hissong (BMW M3) | 2009 Mike Demopoulos (BMW M3) & Greg Loupis (BMW 328is) |
| 2010 Fred Ferguson (BMW E30 M3) | 2011 Nick Derosa (BMW E36 M3) |
| 2012 Nick Fontana (BMW E36 M3) | 2013 Nick Derosa (BMW E36 M3) |
| 2014 Scott Rosnick (BMW 318ti) | 2015 Dave Lemoine (BMW E36 M3) |
| 2016 Jon Cowen (BMW E36 M3) | 2017 Dave Lapierre (Cayman GT4) & Jake Wile (BMW E36 M3) |
| 2018 Victor Larin (BMW E46 M3) | 2019 Dan Baldwin (Porsche Cayman) |
| 2020 Dan Durusky (Porsche Cayman S) | |

2021 Rules, Regulations and Car Classifications

The Laura Fleming American Iron Award

For competitive spirit in an American V8 powered automobile. Awarded to the driver of an American V8 powered car that accumulated the most points throughout a season. (Renamed for Laura Fleming - 2018)

Laura embodied all the best things about COM, both on track as a competitor, and in our paddock as a positive influence on the people around her. Laura achieved an impressive number of wins, logged two FTD performances and one TT lap record in her yellow Corvette (T-90 Class - Pocono) against stiff competition during her time with the club. Laura passed away during the summer of 2018 after her second battle with cancer, but her spirit lives on. The trophy was originally donated by Jim Yeames and Dave Galpin of Adhesive Engineering in 1996.

| | |
|--|--|
| 1996 Frank Perron (Plymouth Cuda) | 1997 Doug Seward (Chevy Corvette) |
| 1998 Glenn Seward (Chevy Corvette) | 1999 David Woodle (Chevy Corvette) |
| 2000 Eric Woodman (Ford Mustang) | 2001 Alison and Nate Hine (Cobra Replica) |
| 2002 Chris Connacher (Ford Mustang) | 2003 Chris Connacher (Ford Mustang) |
| 2004 Jack Rosen (FFR Cobra) | 2005 Scott Rosnick (Ford Mustang) |
| 2006 Dan D'Arcy (Ford Mustang Cobra) | 2007 Doug Forman (Chevy Corvette Z06) |
| 2008 Craig Herrick(Ford Mustang Cobra) | 2009 Patrick McMahon (Ford Mustang) |
| 2010 Bert Schmitz (Chevy Corvette) | 2011 Bob Brooks (Chevy Corvette Z06) |
| 2012 Craig Herrick (Ford Mustang Cobra) | 2013 Bob Brooks (Chevy Corvette Z06) |
| 2014 Bob Cairns (Chevy Corvette Z06) | 2015 Stephen Tise Jr. (Ford Mustang Shelby GT) |
| 2016 Jon Harris (Chevy Corvette Z06) | 2017 Jon Harris (Chevy Corvette Z06) |
| 2018 John French (Ford Mustang) | 2019 Scott Florio (Chevy Camaro) |
| 2020 Steve Amanti | |

2021 Rules, Regulations and Car Classifications

Swedish Cup

For competitive spirit in a Swedish automobile.

| | |
|-----------------------------------|---------------------------------|
| 2007 Eric Folia (Saab 9-3 Viggen) | 2008 Paul Kalinoski (Saab 9000) |
| 2009 No Award | 2010 Joshua Menke (Saab 900) |
| 2011 Rebecca Harvey | 2012 No Award |
| 2013 No Award | 2014 No Award |
| 2015 No Award | 2016 No Award |
| 2017 Jeff Wasilko (Big Red!) | 2018 No Award |
| 2019 No Award | 2020 No Award |

2021 Rules, Regulations and Car Classifications

The Stephen A. Hosker Miata Cup

Awarded to the season's highest points scoring Miata driver. (Renamed for Stephen Hosker – 2018)

Steve was a gentleman in the paddock and a fierce competitor on track. Steve earned three class championships, participating in seventy events, achieving forty-two podiums with twenty of those being first place finishes, and three TT lap records (T-30 Mosport, Pocono, NHMS North Chicane).

Being the original owner of his 1990 Miata racecar, Steve was a strident champion of the NA Miata platform. The car transformed gradually into the now famous #232. Steve passed away during the summer of 2018 after a long battle with leukemia.

Points, based on the COM scoring system, may be scored in any COMSCC class and must be scored in a Mazda powered Miata, but not necessarily in the same Miata or in the same class. The trophy was donated by former board member Nate Hine and former COM president John Spain.

| | |
|-----------------------------------|-----------------------|
| 2001 Lee Walsh | 2002 Will Martins |
| 2003 Will Martins | 2007 Gordon Andrade |
| 2008 Will Martins | 2009 Will Strobel |
| 2010 Gordon Andrade | 2011 Jeff Wasilko |
| 2012 Dave Wittmer | 2013 Dave Wittmer |
| 2014 Jeff Wasilko | 2015 Greg Hosselbarth |
| 2016 Chris Parsons & Jeff Wasilko | 2017 Mark Swinehart |
| 2018 Micah Spielvogel | 2019 Micah Spielvogel |
| 2020 Troy Velazquez | |

2021 Rules, Regulations and Car Classifications

Most Improved Driver Award

To the driver who consistently improves while he or she continues to try different driving techniques offered by COM Instructors. The current trophy was donated by Steven's Foreign Auto in 1995.

| | |
|-------------------------------------|--------------------------------------|
| 1985 Sharon Morgan | 1986 Elizabeth Ames |
| 1987 Red Lindemann | 1988 Doug Valley |
| 1989 Kathy Demers | 1990 Al Viator |
| 1997 John Brennan | 1998 Angie Duval |
| 1999 David Woodle | 2000 Doug Campbell |
| 2001 Mark Epstein | 2002 Dan Baldwin |
| 1991 Dean Clark | 1992 John Muyskens |
| 1993 Dana Poli | 1994 Eric Folia |
| 1995 Eric Folia | 1996 Brian Cleary |
| 2003 Mike Campbell | 2004 Matt Daniels |
| 2005 Mario Bonacorsi | 2006 Joseph Lu |
| 2007 Sumner (Sam) Webster | 2008 Ted Drofleff & Greg Hosselbarth |
| 2009 Barry Gammon | 2010 Jeff Baker |
| 2011 Laura Fleming | 2012 Paul Giurlando |
| 2013 Peter Perrault | 2014 Julie Wasilko |
| 2015 John French & Mikhael El-Bayeh | 2016 Kelly Greer |
| 2017 Robert Smigiel | 2018 Shervin Yeganeh |
| 2019 Dennis Herrick | 2020 Rodney Carriere |

2021 Rules, Regulations and Car Classifications

Overall Driver Championship Award

To the driver who has accumulated the most points during the year at COM time trials. The current trophy was donated to COM by the Tiki Lau Restaurant (Westford, MA).

| | |
|--|----------------------------------|
| 1972 Neil Flaherty | 1973 Larry Cashman |
| 1974 Al Salerno | 1975 Mike Caldwell |
| 1976 Ray Gadbois | 1977 Paul Perry |
| 1978 Nate Danforth | 1979 Nate Danforth & Rad Nutting |
| 1980 Craig Olmstead | 1981 Dick Harding |
| 1982 Dick Harding | 1983 David Laughlin |
| 1984 Glenn Kus | 1985 Dave Sherman |
| 1986 Roy Delonga & Mike French | 1987 Mark Hutchinson |
| 1988 Mike Wilson, Dick Davis & Doug Valley | 1989 Bruce Allen |
| 1990 Peter Evans | 1991 Sam McCleary & Rod Folia |
| 1992 Sam McCleary | 1993 Sam McCleary |
| 1994 Doug Valle | 1995 Pat Bernadino |
| 1996 David Foote | 1997 Dean Clark |
| 1998 Kevin Holmes | 1999 Eric Lavery |
| 2000 Christopher Tier | 2001 Dan Malek |
| 2002 Christopher Tier & Dan Malek | 2003 Scott Swinehart |
| 2004 Christopher Tier | 2005 Michael Geldart |
| 2006 Michael Demopoulos | 2007 Michael Demopoulos |
| 2008 Joe Lu | 2009 Greg Loupis |
| 2010 Fred Ferguson | 2011 Jeff Wasilko |
| 2012 Dave Wittmer | 2013 Dave Wittmer |
| 2014 Chad Fox | 2015 Nick Fontana |
| 2016 Jeff Wasilko | 2017 Jake Wile |
| 2018 Dan Baldwin | 2019 Sash Dias |
| 2020 Dan Durusky | |

2021 Rules, Regulations and Car Classifications

Worker of The Year Award

To the COM member who has been the most outstanding worker during the year.

| | |
|--------------------------------------|---------------------------------------|
| 1988 Jamie Sheppard | 1989 Sharon Morgan & Don Swaggart |
| 1990 Roland Clark | 1991 Norma Costa |
| 1992 Roland Clark | 1993 Roland Clark |
| 1994 Donna Carlson | 1995 Mike French |
| 1996 Kelley Wharff | 1997 Jim Schneit |
| 1998 Lisa Hocking | 1999 Nicole Nestor & Chris Aylward |
| 2000 Dan Malek | 2001 Chris Connacher & Brad Pelletier |
| 2002 Mike Campbell | 2003 Mike Campbell |
| 2004 Bill Miskoe | 2005 Wendy Fossum |
| 2006 Andrew & Beth Lewman | 2007 Mark Swinehart |
| 2008 DJ McArdle | 2009 Bill Hosselbarth |
| 2010 Fred Ferguson & Bob Brooks | 2011 Sam Webster |
| 2012 Bill Hosselbarth | 2013 Chris Parsons |
| 2014 Peter Fontana | 2015 Howard Roundy |
| 2016 Bob Brooks | 2017 Bonnie Berry |
| 2018 Rebecca Harvey | 2019 Stephan de Penasse |
| 2020 Dennis Herrick and Bonnie Berry | |

2021 Rules, Regulations and Car Classifications

Racing Against Leukemia Award

To the COM member (Driver or Worker) who best exemplifies the spirit that children with cancer have; the courage to continue in the face of adversity. Presented by Team Yankee.

| | |
|--------------------------------|--------------------------------------|
| 1990 Doug Valley | 1991 Dennis Bauer and Lee Caldwell |
| 1992 Kathy Demers | 1993 Doug Valley |
| 1994 Pete Polli | 1995 Frank Perron |
| 1996 Dean Clark | 1997 Kevin Rosenberg & Red Lindemann |
| 1998 Frank Cullen | 1999 Bonnie Shields |
| 2000 Bill Sarno | 2001 Bill Sarno |
| 2002 Dean Clark | 2003 Chris Aylward |
| 2004 Debbie Stohn | 2005 Louis Ulm |
| 2006 Alison Hine | 2007 Mario Bonacorsi |
| 2008 Dan Baldwin | 2009 Bill McMahon |
| 2010 Richard Murphy | 2011 Bill McMahon |
| 2012 Marc Epstein | 2013 Mario Bonacorsi (posth.) |
| 2014 Marc Epstein | 2015 No Nominees |
| 2016 Laura Fleming & Matt Leff | 2017 Stephen Hosker |
| 2018 Bob Cairns | 2019 Dan Baldwin |
| 2020 No Nominees | |

2021 Rules, Regulations and Car Classifications

Robert J. Goldfarb Memorial President's Cup

Given at the discretion of COM's President. Initiated and donated by 1992 COM president Frank Perron. The cup was renamed in 2002 to honor COM President Rob Goldfarb, who was killed in a racing accident at Pocono that year.

| | |
|--|---|
| 1992 Peter Polli | 1993 Chong Soo |
| 1994 Jonathan Barrow | 1995 Jeff McCarthy |
| 1996 Glenn Seward | 1997 Dave Galpin |
| 1998 Fred Sanford | 1999 Paul Shearer |
| 2000 Bruce Allen | 2001 Dan Malek |
| 2002 Christopher Tier | 2003 Paul Shearer |
| 2004 Diana Westgate | 2005 Will Martins and Raj Parthasarathy |
| 2006 Paul Shearer | 2007 Boe Kalinoski |
| 2008 Carl Fossum | 2009 Paul Shearer |
| 2010 2010 COMSCC Board of Directors | 2011 Will Martins |
| 2012 Mark Swinehart | 2013 Nick Fontana |
| 2014 Chris Parsons | 2015 Jeff Wasilko |
| 2016 2009-2016 COMSCC Board of Directors | 2017 Scott Rosnick |
| 2018 David Lemoine | 2019 Tom Cannon |
| 2020 Roe Cole | |

2021 Rules, Regulations and Car Classifications

The Montgomery Wells Instructor Of The Year Award

Given at the discretion of COM's Chief Instructor. To the COM instructor who has performed this difficult but critical job with distinction. Monte Wells was one of COM's first Chief Instructors. In addition to many years of outstanding contributions to the club, Monte was also responsible for shaping the teaching style and TT competition format COM uses today.

| | |
|-------------------------|-------------------------|
| 1998 Bruce Allen | 1999 Stuart Greene |
| 2000 Christopher Tier | 2001 Frank Cullen |
| 2002 David Foote | 2003 Don Pierce |
| 2004 Dan Malek | 2005 John Spain |
| 2006 Will Martins | 2007 Stephan De Pénasse |
| 2008 Michael Demopoulos | 2009 Gordon Andrade |
| 2010 Lester Seal | 2011 Nate Hine |
| 2012 Carl Fossum | 2013 Fred Ferguson |
| 2014 Jeff Wasilko | 2015 Troy Velazquez |
| 2016 Lou Milanazzo | 2017 Nick Fontana |
| 2018 Dave Wittmer | 2019 Ryan Catucci |
| 2020 Dave Lemoine | |

2021 Rules, Regulations and Car Classifications

Hard Luck Award

Presented to the competitor that kept on going despite his car's best efforts to stop him or her. The award was initially created after Gordon Andrade had an 'eventful' season with his NC Miata in 2014. The award includes a gift card from FastTrack Service.

| | |
|---------------------------|-------------------------|
| 2014 Gordon Andrade | 2015 Mikhael El-Bayeh |
| 2016 Nick & Peter Fontana | 2017 Roe Cole |
| 2018 Will Martins | 2019 Stephan de Penasse |
| 2020 Chris Taylor | |