



2018 CSCS Time Attack  
Rules & Regulations  
(In honour of "Sean" and "Blake")

[www.cscs.ca](http://www.cscs.ca)  
[timeattack@cscs.ca](mailto:timeattack@cscs.ca)  
(905) 209-0000

## CONTENTS

General Competition Rules	3
Production Class	11
Street Class	15
Super Street Class	19
Unlimited Class	22
Vehicle Classification / Eligibility	24

### [Foreword](#)

This is an outline on how to build your car for competition. If you have any questions about what is contained in this document, or how to interpret it, please contact us.

## 1. GENERAL COMPETITION RULES

- 1.1. Automobile racing is an inherently dangerous sport. Canadian Sport Compact Series (**CSCS**) assumes no liability expressed or implied for the safety of any vendor, racer, spectator, or any other participants at a **CSCS** sanctioned or sponsored event. By entering any **CSCS** event, the participant, spectator, or vendor voluntarily assumes risk of bodily injury or death and also waives any claims for such losses against **CSCS** and/or its staff, the track and/or its staff, and the sponsors.

The sole purpose of this **CSCS** rule book is to place vehicles in the appropriate competition class and as a guide for the conduct of the sport. By participating in any **CSCS** event, participants are deemed to have read and complied with all rules and regulations pertaining to this rule book and any additional supplementary rules. Supplementary rules and regulations may be released by newsletter, bulletin, or pre-race meeting.

### 1.2. Entry Requirements

- 1.2.1. In order to compete in a CSCS event, entrants must submit an approved official entry form and payment. Official entry forms and methods of payment are available on the CSCS website: <http://www.cscs.ca>. Pre-Registration will close one week prior to the event at which time any (if available) remaining spots will be available at a first come first served basis on the morning of the event for open lapping. Time Attack entries must be pre-registered.
- 1.2.2. In the event a competitor cannot attend an event after entry. CSCS will accept transfers of entries to another competitor for the same event up until the Wednesday before the event at 5:00pm. All transfers must be confirmed with CSCS Management by phone or e-mail. **No transfers will be accepted at the track!**

### 1.3. Competitor Entries

- 1.3.1. Only one vehicle is permitted per driver per class. One driver **cannot** register two vehicles for the same class. However, one driver may enter two different classes, with two different vehicles.
- 1.3.2. Only one driver is permitted per vehicle. Two drivers cannot both enter and share a vehicle to compete with on the day of the event.
- 1.3.3. The vehicle that the driver techs is the vehicle he/she must compete in – however, with permission from CSCS Officials drivers may request the option of re-teching a vehicle before competition.

## 1.4. Competitor Obligations, Agreements and Releases

- 1.4.1. Each competitor, by entering a CSCS event, grants CSCS and its authorized agent's permission to utilize their name, car information, audio records, pictures, videos and other media material for any advertising, promotions, broadcasting, or reporting before, during and after such event.
- 1.4.2. All CSCS competitors are required to place decals as provided by CSCS in an unmodified form and located on the car as directed by CSCS. This includes, but is not limited to, **the top portion of the front windshield and front fenders**. CSCS reserves the right to place series provided CSCS windshield banners on all competitor vehicles on the day of the event for the duration of the event.
- 1.4.3. CSCS also reserves the right to place a competitor door card on both driver and passenger doors. **A space of 18" x 18" must be available for CSCS use on each door.**
- 1.4.4. CSCS may approve or disapprove the content, placement and size of any advertising, decal or sponsorship identification in conflict with CSCS.

## 1.5. Safety and Class Inspection

- 1.5.1. All cars, car parts and equipment are subject to inspection by CSCS at any time and in any matter as determined by CSCS officials. Vehicles will only be eligible after passing the safety inspection and being classified by a **CSCS** tech official. It is the driver's responsibility to make sure that the vehicle meets all class specifications and that no changes are made to the vehicle which would alter the classification.
- 1.5.2. **CSCS also reserves the right to randomly re-tech racers at any time before, during and after competition.**

## 1.6. National Championship

- 1.6.1. Competitors will earn points throughout the season towards the **CSCS National Championship** in each class. In order for an event to qualify for the championship drivers must compete in at least two events within the designated class
- 1.6.2. CSCS Championship Points Structure (All Classes)

Position	Points
First Place	100
Second Place	90
Third Place	80
Fourth Place	70
Fifth Place	60
Participation	20

1.6.3. Tie Breakers will be decided as follows, in priority.

- 1.6.3.1. Most wins
- 1.6.3.2. Most runner-ups
- 1.6.3.3. Most third places
- 1.6.3.4. Most races attended

1.6.4. Trophies will be awarded for each class based on the number of competitors.

- 1.6.4.1. 1-3 Cars - First.  
4-6 Cars - First-Second  
7+ Cars – First, Second, Third

1.6.4.2. Please note that trophies are only handed out on the event day and cannot be picked up at a later date, following event nor will they be mailed out. To receive your trophy you or a friend must stay back and pick up the trophy during the awards ceremony.

## **1.7. Overall “Driver of the Year”**

1.7.1. In addition to the CSCS National Championship in each class, CSCS has an overall “Driver of the Year” award. This is calculated by the driver with the most total points from all the events, regardless of class. Driver point's eligibility is at the discretion of CSCS and subject to change.

## **1.8. Decision / Policy**

1.8.1. All decisions will be left to the discretion of CSCS officials. CSCS has the right to reclassify any competitor for any reason CSCS sees fit. CSCS has the right to change any rules without notice at any time. CSCS and track officials have the power to remove any person from competition and from the grounds if they see fit.

## **1.9. Rainout Policy**

1.9.1. Time Attack events are rain or shine.

## **1.10. Contingency Verification**

1.10.1. If enrolled, it is the competitors responsibility to have all contingency verified and registered by a CSCS official before the event or during technical inspection. All contingency not verified before racing begins will be null and void. Incorrect information given by competitors will delay or null and void all contingency prizes.

## **1.11. Professionalism**

- 1.11.1. Participants and/or crew members at events are expected, at all times, to conduct themselves in a professional and non-disruptive manner consistent with good sportsmanship.
- 1.11.2. Any participant and/or crew members who, in the sole and absolute judgment of CSCS: verbally or physically threatens another person; uses vulgar or derogatory language; engages in unsportsmanlike conduct; engages in conduct detrimental to the sport; is subject to disqualification, removal of CSCS National Championship Points and may be subject to certain terms/conditions before that participant is allowed to return to competition.
- 1.11.3. CSCS prides itself in being able to offer competitors a place to showcase their vehicles and talents. That being said, appearances are key, please prepare your vehicle in a presentable manner for media and spectators. You may be asked to correct this situation before competing.

## **1.12. Inquires & Protests**

- 1.12.1. Inquires can be made anytime throughout the day as long as its 60 min. before “final competition runs” begin. Inquires must be written and submitted to a CSCS Tech Director / Official and should list the section of rules in potential violation / clarification. Action on inquires will be left up to the sole discretion of CSCS.
- 1.12.2. Protests will be accepted up to 30 min. after the final competition run. Official protest forms will be available at the CSCS tech trailer. All protests must be accompanied with a \$200 (cash) fee and be given to a CSCS Tech Director / Official. If your protest is successful, fees will be returned to the competitor.

## **1.13. Time Attack Procedures**

- 1.13.1. CSCS time attack competitions are strategically set up to allow proper classes for a wide range of vehicles from stock to fully modified race cars. Upon registering for the time attack competition, drivers are placed into one of our twelve classes based on their vehicle and modifications.
- 1.13.2. Each driver will receive adequate practice / qualifying time giving them a chance to fine tune their vehicles and learn the track layout. These laps are not taken into consideration for the actual competition.
- 1.13.3. All vehicles involved in a “spin” or an “off” during the Time Attack session are permitted to re-enter the racing surface only if done without interfering with other competitors. If the vehicle stops and needs assistance to get moving it will receive a DNF for that lap and will not be allowed to have any additional laps.

- 1.13.4. To rent the transponder for the day of the event, all competitors must provide CSCS officials with two pieces of identification (driver's license & valid credit card) *or* a \$450.00 cash deposit. Once the transponder is returned, driver's will receive their license/credit card or cash back, no charges will take place. Please note that all transponders are coded and any stolen transponder can be remotely deactivated and will no longer work on any timing system. Any unreturned transponders will incur a \$450.00 charge.
- 1.13.5. Any vehicle or driver that is determined by CSCS officials to have intentionally impeded or obstructed any competitor during a Time attack session will lose the times recorded in that session and may be disqualified. This includes, but is not limited to: spreading debris on the racing surface or placing ones vehicle in such a manner as to limit the other competitor's ability to run a clean lap.
- 1.13.6. All drivers must attend the mandatory drivers meeting prior to entering the racing surface. If a driver is late or unable to attend the drivers meeting the driver must meet with the Chief driving instructor before entering the racing surface. The Chief driving instructor may disqualify or impose a penalty for being late/missing the drivers meeting.

#### **1.14. Pit Area and Vendors**

- 1.14.1. At each venue CSCS will have a designated pit area for paid vendors. In this area only paid vendors may display signage. Any promotional canopies that are part of a team's setup may not be displayed in this area.

#### **1.15. Licence Requirements**

- 1.15.1. All drivers must hold a valid G2, or G licence. Drivers from out of province / country must hold a valid driver's licence. If unsure please contact CSCS.

#### **1.16. Helmet Requirements**

- 1.16.1. Approved helmets in good condition are mandatory for all on track activities. All drivers and passengers must wear a helmet. The minimum acceptable standard for helmets is Snell 2000 or newer. Other certifications (DOT, SFE, FIA, etc.) are subject to approval by CSCS Tech Director. Head and neck restraints systems are optional, but recommended.

## 1.17. Safety Standards

- 1.17.1. 15 km/h pit/paddock speed must be maintained at all times.
- 1.17.2. Despite organizers taking all reasonable precautions it is up to the Drivers/Crew to also check for vehicle safety and obey all rules and regulations.
- 1.17.3. Rear brake lights, and hazard lights must be in-tact and operational. In Unlimited, only brake lights are required to be operational.

## 1.18. On Track (Practice & Competition)

- 1.18.1. Passenger Rules are enforced accordingly at each event and may be conditionally changed per event and during the course of the day.
- 1.18.2. In case of a collision, malfunction, or other reasons of inability to move the car while on course, the driver is asked to wait in the car with seatbelts and helmet worn until directed or assisted by course marshal (exception to this rule will be any pending or visible fire, or chemical hazards that threaten the driver).
- 1.18.3. Refueling is prohibited on the grid and is applicable to all cars, tools, and generators.
- 1.18.4. Drivers and passengers on the track shall wear shirts, pants, and fully enclosed shoes (no sandals).

## 1.19. Roll Bars / Roll Cage Requirements

- 1.19.1. A roll bar is required for vehicles with fold down or completely removable tops (e.g., convertibles). The top of the roll bar shall be a minimum of two inches above the top of the driver's helmet when the driver is sitting in a normal driving position, and the top of the roll bar shall not be more than ten inches behind the back of the driver's helmet when the driver is sitting in a normal driving position. An OEM or DOT approved restraint system is acceptable for all vehicles.
- 1.19.2. The roll bar hoop and all braces shall be of seamless or ERW or DOM mild steel tubing, or chrome molybdenum alloy steel such as SAE 4130. It is recommended that mild steel tubing be used as chromium alloys present difficulties in welding and shall be normalized to relieve stress. Proof of the use of alloy steel will be the responsibility of the Entrant. The minimum size seamless or DOM tubing to be used shall be as follows:

Curb Weight	Mild Steel	Alloy Steel
Up to 1500 lbs	1.375" x 0.095"	1.375" x 0.080"
1501-2500 lbs	1.500" x 0.095"	1.375" x 0.095"
Over 2500 lbs	1.500" x 0.120"	1.500" x 0.095"



ERW tubing may be used in the following sizes only.

Curb Weight ERW Tubing

Up to 2500 lbs 1.500" x 0.120"

Over 2500 lbs 1.750" x 0.120"

The minus tolerance for wall thickness shall not be more than 0.010" below the nominal thickness. An inspection hole of at least 3/16 inch diameter shall be drilled in a non critical area of the roll bar hoop to facilitate verification of wall thickness.

Where bolts and nuts are used to fasten the roll bar to the vehicle's chassis or frame (i.e., bolt-in roll bar), the bolts shall be at least 3/8 inch diameter SAE Grade 5.

MIG or TIG welding, shall be used whenever possible. Alloy steels shall be normalized after welding.

Two fore/aft braces with tubing of dimensions of at least that required for the main hoop itself shall be installed. Diagonal lateral bracing of tubing equal in dimension to the tubing of the main hoop shall be installed to prevent lateral distortion of the main hoop. In most cases, a lateral brace from the bottom corner of the main hoop on one side to the top corner of the main hoop on the other side is sufficient.

The fore/aft bracing shall be attached as near as practical to the top of the main hoop, no more than 6 inches below the top, and at an included angle of at least 30 degrees.

In cars with frame type construction, the roll bar and braces shall be attached to the frame of the car wherever possible. Mounting plates attached to the frame, regardless of whether welded or bolted, shall be at least 3/16 inch thick with a backup plate of equal size and thickness on the opposite side of the panel with the plates bolted together. Mounting plates welded shall not be less than 0.080 inch in thickness. Wherever possible, the mounting plate should extend onto a vertical section of the structure such as a door pillar.

The minimum mounting plate area shall be 20 square inches. The important consideration is that the loads be distributed over as large an area as possible and as close to vertical structures as possible.

Removable roll bars and braces shall be very carefully designed and constructed to be at least as strong as a permanent installation. If one tube fits inside another tube to facilitate removal, the removable portion shall fit tightly and shall bottom on the permanent mounting, and at least two bolts shall be used to secure such a joint. The telescope section shall be at least eight inches in length.

A roll cage is not required, but is recommended for any car that requires roll over protection.

- 1.19.3. Roll cages meeting SCCA (GCR Section 18), NASA (GCR Section 15.5.8), CARS (GCR Part B Section II, CASC-OR Race Regulations (Appendix "0")), Global Time Attack (GTA CCR Section 4) are approved for use.

## 1.20. Time Attack Classes

- 1.20.1. CSCS Time Attack competitors will be split into twelve classes. There will be four classes based on drive train platform (front wheel drive, rear wheel drive, all wheel drive). These three classes will then be split into four sub-classes depending on vehicle modifications (Production, Street, Super Street, Unlimited) for a total of 12 classes.

Production FWD (PF)

Production RWD (PR)

Production AWD (PA)

Street FWD (SF)

Street RWD (SR)

Street AWD (SA)

Super Street FWD (SSF)

Super Street RWD (SSR)

Super Street AWD (SSA)

Unlimited FWD (UF)

Unlimited RWD (UR)

Unlimited AWD (UA)

- 1.20.2. **These rules are only a guideline, CSCS cannot be expected to foresee every outcome, therefore, in the interest of competition, CSCS reserves the right to reclassify any competitor at any time before, during or after competition.**
- 1.20.3. **If there is any doubt of which class you fit into, please contact CSCS prior to any event for clarification and assistance.**

## **2. PRODUCTION CLASS**

**2.1.** Production class is designed to be an entry level class with limited modifications permitted. Only modifications listed in this section are permitted. CSCS reserves the right to challenge any and all vehicle eligibility. It is the responsibility of the entrant to supply all printed material to validate any modification or swaps permitted in the class.

### **2.2. Vehicle Eligibility**

2.2.1. All cars competing in Production shall be based on models derived from production street cars available from recognized Global Dealer Networks. Vehicles that are of a limited production type (Super Cars, Hyper Cars, Sports Racer, and Kit Cars) are not eligible for Production class.

2.2.2. Production race cars (i.e. Porsche Cup Cars, Ferrari Challenge, and Lamborghini Super Trofeo) are not eligible for Production class.

2.2.3. Body work must remain in stock OEM form; tires shall not extend beyond the body lines when viewed from above. The addition of fender flares is not permitted. Fender rolling or flattening of inner fender lips is permitted providing the external profile remains unchanged (no “stretching” fenders). All OEM glass must remain in its original location. All OEM trim must remain with the exception of loose floor mats which may be removed. Aftermarket composite (e.g. carbon fiber) hoods and or trunk lids are permitted.

2.2.4. List of class eligible Production cars can be found at the end of this set of regulations.

### **2.3. Approved Body Upgrades and Modifications**

2.3.1. All OEM aero parts (wings, lips, air dams) from the same model or model variant are permitted. The use of aftermarket lip kits and side skirts are permitted provided they do not provide a significant aerodynamic improvement. The addition of front canards is not permitted. Aftermarket rear wings and diffusers are not permitted. Flat bottom of any kind is not permitted unless supplied from the factory for that model. Should the question of eligibility arise it is the responsibility of the entrant to provide documentation.

2.3.2. Race seats may be installed provided they are approved and in good condition.

2.3.3. Seat Belts may be upgraded to a 4 or 6 point type. A HANS type device is strongly recommended for use with 4 or 6 point harnesses.

- 2.3.4. "Weld-in" roll cages are prohibited in this class. However, bolt-in roll bar/roll cage may be fitted. Roll bars must be of a four (4) point bolt-in design. Roll cages must be six (6) point bolt-in designs. At no point shall any tubes pass through the vehicles firewall(s). Every effort must be made to retain factory interior with installation of roll over protection.
- 2.3.5. Battery shall be firmly fastened and the positive (+) terminal covered.
- 2.3.6. OEM Style headlights ("air intake hole" style is prohibited) and tail lights must be retained in unmodified condition and all lights must function.

## **2.4. Approved Suspension Upgrades**

- 2.4.1. Springs are free, the type and number must, be as OEM. Coil over kit springs are open.
- 2.4.2. Shocks may be upgraded with a maximum two-way adjustable damper (one bump and one rebound adjuster), no remote reservoirs. The reservoir must be attached / mounted to the shock body from the manufacturer.
- 2.4.3. Suspension bushing may be replaced with a urethane or similar type upgrade. The use of spherical or rod end bearings is permitted but must be commercially available "as an assembly".
- 2.4.4. Sway bars are free.

## **2.5. Brakes**

- 2.5.1. Brake upgrades are free. Brake rotors are free as is brake pad material.
- 2.5.2. The addition of any aftermarket brake cooling ducts is prohibited.

## **2.6. Engine / Power / Fuel Modifications**

- 2.6.1. Engine swaps are permitted within the same model / model variant. The new engine must have been commercially available in the same chassis. E.g. any engine that was available in an "EG" Civic can be put in an "EG" Civic. An engine from an "EK" Civic or a newer Civic model is not permitted. Note: If that chassis is available with that series of motor anywhere in the world, e.g. 1992-1995 Civic's in Japan came with a B16, that means that any "B" series motor (B16, B17, B18, B20) will be allowed in a 1992-1995 Civic. Another e.g. BMW E46 325i can swap in a E46 M3 motor. All swaps / upgraded engines must be CSCS approved.

- 2.6.2. For forced induction engines all turbo / superchargers must be OEM from same model/model variant. Swaps between same model/model variant are permitted. Size and location of the turbo / supercharger must remain as per OEM. However, if that model year(s) and model variant for that car never originally came turbocharged / supercharged from the manufacturer, you cannot do it. Intercooler must be the same size and location as OEM, it can be from any year of that chassis and/or model variant.
- 2.6.3. Aftermarket turbo or superchargers are prohibited.
- 2.6.4. Cat back aftermarket exhaust are free, but must meet road emission standards. Exhaust noise (dB) may not exceed specific track limits. One catalytic converter and one muffler are mandatory (can be aftermarket units). External wastegates must be plumbed back into the exhaust before the catalytic converter.
- 2.6.5. Aftermarket cold air intake and air filters are free.
- 2.6.6. The use of aftermarket aluminum radiator is permitted. Mounting points may be modified to fit a larger radiator. Location must remain as per OEM (i.e. no rear mounted radiators when OEM is front mounted).
- 2.6.7. Fuel must be commercially available with a maximum octane rating of 94. Alternative fuels such as ethanol, natural gas, propane, etc. are not permitted.
- 2.6.8. The addition of a water / meth injection system is prohibited. Waterspray is prohibited unless it came from the factory, and must be OEM and in OEM location.

## **2.7. Transmissions**

- 2.7.1. OEM transmission swaps are permitted between the same model/model variant.
- 2.7.2. Limited slip differential (LSD) OEM or aftermarket may be fitted.

## **2.8. Wheels**

- 2.8.1. Aftermarket wheels, size and type are free.

## **2.9. Tow Hooks**

- 2.9.1. Front tow hooks strongly recommended. Rear tow hooks are recommended. Competitors must be prepared to show officials where to easily hook onto their car in case of a required tow. It is mandatory to have a place to attach a tow rope to the car. This can be an aftermarket tow hook or a factory component.

## **2.10. Tire Eligibility**

2.10.1. Any DOT rated tire is allowed provided the tread wear rating is 200 or higher. However, “only” the following tires listed below are allowed in the class regardless of their tread wear rating.

Pirelli Trofeo R

Hankook RS3

Yokohama AD08R

In order to be eligible for the “Pirelli Racer Pricing” and “Pirelli Contingency”, all Pirelli Trofeo R’s must be purchased through “Steelcase Tires N’ Mags.”

2.10.2. Maximum tire widths are as follows based on drivetrain configuration. If the vehicle came from the OEM manufacturer with larger tires, contact CSCS for approval.

Production FWD Class (PF) - 255 max width

Production RWD Class (PR) - 285 max width (Pirelli Trofeo R may run 295 width)

Production AWD Class (PA) - 255 max width

## **2.11. Safety Equipment**

2.11.1. All Competitors (including passengers) must wear an approved helmet. Long pants and closed toe shoes are required. It is recommended that full safety gear be used.

### **3. STREET CLASS**

**3.1.** Street class is designed to allow the competitor the ability to do limited modifications and swaps beyond what Production class permits. Only modifications listed in this section are permitted. CSCS reserves the right to challenge any and all vehicle eligibility. It is the responsibility of the entrant to supply all printed material to validate any modification or swaps permitted in the class.

#### **3.2. Vehicle Eligibility**

3.2.1. All cars competing in Street class shall be based on models derived from production street cars available from recognized Global Dealer Networks. Vehicles that are of a limited production type (i.e. Super Cars, Hyper Cars, Sports Racer and kit Cars) are not eligible for Street class.

3.2.2. Production race cars (i.e. Porsche Cup Cars, Ferrari Challenge, and Lamborghini Super Trofeo) are not eligible for Street class.

3.2.3. Tires shall not exceed beyond the body lines when viewed from above. The addition of fender flares and widebody kits is permitted. Fender rolling or flattening of inner fender lips is permitted. All OEM glass must remain in its original location. All OEM trim must remain, except where Street class rules allow for modifications.

3.2.4. List of class eligible Street cars can be found at the end of this set of regulations.

#### **3.3. Approved Body Upgrades and Modifications**

3.3.1. All OEM aero devices are approved provided they come from that model/model variant. The addition of an aftermarket rear wing is permitted but must not exceed the width of the body line. For sedans and coupes the aftermarket rear wing may not extend further than five (5") inches past the most rearward part of the body. Maximum height of the rear wing shall not exceed the roof line's highest point.

3.3.2. For hatchbacks or wagons the rear wing must not exceed the width of the body line and shall not extend further than five (5") inches past the most rearward part of the body. The maximum height of the rear wing shall not exceed eight (8") inches above the roof line's highest point.

3.3.3. Front splitter may be added but are limited to a maximum of five (5") inches in front of the body work. Width of the splitter must be contained within the track width of the front wheels. Front splitters shall not extend back beyond the centerline of the front axles. Aftermarket dive planes (canards) are prohibited. The overall height of the front splitter must not exceed three (3") inches, this includes endplates.

- 3.3.4. Bargeboard style side skirts may only extend inboard to the pinch weld of the chassis and a maximum of 3" outward when viewed from above. When viewed from the side, the overall height of the skirts may not exceed four (4") inches.
- 3.3.5. Floor must remain in stock OEM condition. Custom inner wheel tubs are prohibited. Flat bottom and rear diffuser are prohibited unless OEM fitted to that model/ model variant.
- 3.3.6. Interior trim may be modified but not removed to accommodate a roll bar or roll cage. Rear seat may be removed. Interior trim rearwards of the B-pillar may be removed. Headliner must remain. Dash, front door cards, A-pillar trim, and center console must remain.
- 3.3.7. Hood and trunk lid may be replaced with aftermarket carbon or fiberglass type.
- 3.3.8. Doors and all other body work not listed above must remain unmodified OEM. Front bumpers can be slightly modified for intercooler/radiator fitment.
- 3.3.9. Race seats may be installed provided they are approved and in good condition.
- 3.3.10. Seat Belts may be upgraded to a 4 or 6 point type but may only be used in conjunction with an approved race seat. A HANS type device is strongly recommended for use with 4 or 6 point harnesses. Roll over protection is strongly recommended for use with 4 or 6 point harnesses.
- 3.3.11. Roll bar / roll cage may be fitted. Roll bars must be of a four (4) point design. Roll cages must be designed to retain the interior panels required for the class. Full safety gear (helmet, fire proof suit, shoes, and gloves) must be worn with a full roll cage.
- 3.3.12. Battery shall be firmly fastened and the positive (+) terminal covered.
- 3.3.13. OEM Style headlights ("air intake hole" style is prohibited) and tail lights must be retained in unmodified condition and all lights must function.

#### **3.4. Approved Suspension Upgrades**

- 3.4.1. Springs are free, the type and number must be as OEM. Coil over kit springs are open.
- 3.4.2. Shocks may be upgraded with a maximum two-way adjustable damper (one bump and one rebound adjuster), no remote reservoirs. The reservoir must be attached / mounted to the shock body from the manufacturer.
- 3.4.3. Suspension bushing may be replaced with a urethane or similar type upgrade.



### **3.5. Brakes**

- 3.5.1. Brake upgrades are free. Brake rotors are free as is brake pad material.
- 3.5.2. Brake cooling ducts are permitted but must fit within the front bumper or splitter with minimal modifications.

### **3.6. Engine / Power / Fuel Modifications**

- 3.6.1. Engine swaps are permitted. No turbo / supercharging V8's allowed in this class. All swaps / upgraded engines must be CSCS approved.
- 3.6.2. Aftermarket performance engine parts are free. ECU's are free.
- 3.6.3. Aftermarket turbo and superchargers are permitted. Aftermarket intercoolers are permitted.
- 3.6.4. Exhaust system is free, must be equipped with minimum of one catalytic converter – can be aftermarket. Exhaust must exit behind the rear wheels. Exhaust noise (DB) may not exceed specific track limits. External wastegates are permitted.
- 3.6.5. The use of aftermarket aluminum radiator is permitted. Mounting points may be modified to fit a larger radiator. Location must remain in front of the car (i.e. no rear mounted radiators when OEM is front mounted).
- 3.6.6. Fuel must be commercially available with a maximum octane rating of 94. Alternative fuels such as ethanol, natural gas, propane, etc. are not permitted.
- 3.6.7. The addition of a water / meth injection system is prohibited. Waterspray is prohibited unless it came from the factory, and must be OEM and in OEM location.

### **3.7. Transmissions**

- 3.7.1. Transmissions swaps are free provided the installed transmission was available from factory in a similar chassis. The use of "Sequential or Paddle shift" systems is prohibited unless available as OEM in that model / model variant.
- 3.7.2. Limited slip differential (LSD) OEM or aftermarket may be fitted.

### **3.8. Tow Hooks**

- 3.8.1. Front tow hooks mandatory and must be of a type that is accessible at all times, in some cases aftermarket tow hook may be required. Rear tow hook is strongly recommended. Competitors must be prepared to show officials where to hook on to their car in case of a required tow. It is mandatory to have a place to attach a tow rope to the car. This can be an aftermarket tow hook or factory component.

### **3.9. Tire Eligibility**

- 3.9.1. The Pirelli Trofeo R is the mandatory tire for this class. All tires must be purchased directly from “Steelcase Tires N’ Mags”. Tires won from contingency are also allowed.
- 3.9.2. Maximum tire widths are as follows based on drivetrain configuration. If the vehicle came from the factory with larger tires, contact CSCS Officials for approval.

Street FWD Class (SF) - 265 max width

Street RWD Class (SR) - 295 max width

Street AWD Class (SA) - 265 max width

### **3.10. Safety Equipment**

- 3.10.1. All Competitors (including passengers) must wear approved helmet. Long pants and closed toe shoes are required. It is recommended that full safety gear be used. When a vehicle is equipped with a roll cage all occupants must be in full safety gear (Approved Helmet, Suit, Shoes and Gloves).

## **4. SUPER STREET CLASS**

**4.1.** Super Street is designed to allow for extreme modifications and swaps within a limited framework. Extensively modified road cars, exotics, and “underpowered” race cars are eligible for Super Street. Only modifications listed in the section are permitted. The organizers reserve the right to challenge any and all vehicle eligibility. It is the responsibility of the entrant to supply all printed material to validate any modification or swaps permitted in the class.

### **4.2. Vehicle Eligibility**

4.2.1. All cars competing in Super Street shall be based on production street cars. Full tube frame race cars are prohibited. Limited production performance type cars (Porsche GT3 RS) may be permitted with series approval.

4.2.2. OEM glass may be removed and/or replaced with approved material (polycarbonate, 3mm min. thickness). Front and rear windshields (OEM or approved material) are mandatory.

4.2.3. Interior trim may be removed. Dash board must remain in original position but may be modified to accommodate roll cage, gages, data systems and controllers.

4.2.4. Flat bottom floors are prohibited. Unless OEM equipment for that model / model variant.

### **4.3. Approved Body Upgrades and Modifications**

4.3.1. Rear wing type and design is free.

4.3.2. Front splitter type and material is free but may not extend past (rearward) the front axle line.

4.3.3. Rear diffuser type and material is free, may not extend forward of the rear axle line. May not extend more than 3 inches rearward of the stock bodywork. May not extend sideways outside of the rear wheels.

4.3.4. Body material is free. Body modification (fender flares and widebody) is permitted. Tires shall not be visible and remain inside the body line(s) when viewed from above.

4.3.5. OEM glass may be removed and/or replaced with approved material (polycarbonate). Front windshield (OEM or approved material) is mandatory.

4.3.6. Race seats are strongly recommended. Race seats must be approved and in good condition.

- 4.3.7. Seat Belts may be upgraded to a 4 or 6 point type and are strongly recommended but may only be used in conjunction with an approved race seat and roll bar or roll cage. A HANS type device is strongly recommended for use with 4 or 6 point harnesses.
- 4.3.8. Roll cage is strongly recommended and may pass through the fire wall. The use of "Roll Bar" padding is strongly recommended.
- 4.3.9. All firewall access holes to accommodate roll cages, cables or hoses must be sealed. Battery shall be firmly fastened and the positive (+) terminal covered. If the battery is moved from the OEM position and relocated inside the car, it must be enclosed in a box, unless it is a sealed battery.

#### **4.4. Suspension**

- 4.4.1. Springs are free.
- 4.4.2. Shocks are free.
- 4.4.3. Sway bars are free.
- 4.4.4. Suspension components (bushings, "A" arms, links) are free.

#### **4.5. Brakes**

- 4.5.1. Brakes are free.

#### **4.6. Engine / Power / Fuel Modifications**

- 4.6.1. Engine swaps and modifications are free.
- 4.6.2. Exhaust system is free. Exhaust noise (dB) may not exceed specific track limits.
- 4.6.3. Fuel is free, must be commercially available.

#### **4.7. Transmission**

- 4.7.1. Transmission swaps and aftermarket units are permitted. The use of "Sequential or Paddle shift" systems is prohibited unless available as OEM in that model / model variant.

#### **4.8. Tow Hooks**

- 4.8.1. Front and rear tow hooks mandatory. It is mandatory to have a place to easily attach a tow rope to the car. This can be an aftermarket tow hook or factory component.

#### **4.9. Tire Eligibility**

4.9.1. The Pirelli Trofeo R is the mandatory tire for this class. All tires must be purchased directly from “Steelcase Tires N’ Mags”. Tires won from contingency are also allowed.

4.9.2. Maximum tire widths are as follows based on drivetrain configuration. If the vehicle came from the factory with larger tires, contact CSCS Officials for approval.

Super Street FWD Class (SSF) - 295 max width

Super Street RWD Class (SSR) - 295 max width

Super Street AWD Class (SSA) - 295 max width

#### **4.10. Safety**

4.10.1. All Competitors (including passengers) must wear approved safety gear consisting of approved helmet, suit, shoes and gloves. Each vehicle must be equipped with a minimum 2lb ABC fire extinguisher securely fastened to the vehicle.

## **5. UNLIMITED CLASS**

**5.1.** Unlimited is designed for full blown race cars, time attack cars, super/hyper cars, and factory production built race cars. Modifications are virtually limitless. Despite the free nature of the class, competitors are still obliged to follow the minimum requirements of the class when it comes to both vehicle eligibility and safety.

### **5.2. Vehicle Eligibility**

5.2.1. All cars competing in “Unlimited” shall be based on production street cars. Limited production race cars (i.e. Porsche Cup, Ferrari Challenge, Lamborghini Super Trofeo, etc.) are permitted. Full tube frame race cars are prohibited (i.e. Trans-am race car). Production tube frame vehicles are prohibited (i.e. Ariel Atom), however they are eligible to run in the “Exhibition class” for their own lap record, but there is no championship points for the “Exhibition class”.

5.2.2. OEM glass may be removed and/or replaced with approved material (polycarbonate). Front and rear windshield (OEM or approved material) are mandatory.

5.2.3. Interior trim may be removed.

5.2.4. Flat bottom floors are permitted.

### **5.3. Approved Body Upgrades and Modifications**

5.3.1. Rear wing type and design is free.

5.3.2. Front splitter type and material is free.

5.3.3. Rear diffuser type and material is free.

5.3.4. Body material is free. Body modification is free provided the general shape of the original vehicle remains. Tires shall not be visible and remain inside the body line(s) when viewed from above.

5.3.5. Approved Race seats are mandatory.

5.3.6. Seat Belts, 4 or 6 point type, are mandatory. Belts must be SFI or FIA approved. A HANS type device is strongly recommended.

5.3.7. Roll cage is mandatory. Unless given exemption by CSCS (i.e. McLaren P1). The use of “Roll Bar” padding is strongly recommended.

5.3.8. All firewall access holes to accommodate roll cages, cables or hoses must be sealed. Battery shall be firmly fastened and the positive (+) terminal covered. If the battery is moved from the OEM position and relocated inside the car, it must be enclosed in a box, unless it is a sealed battery.

## **5.4. Suspension**

5.4.1. Springs are free.

5.4.2. Shocks are free.

5.4.3. Sway bars are free.

5.4.4. Suspension components (bushings, "A" arms, and links) are free.

## **5.5. Brakes**

5.5.1. Brakes are free.

## **5.6. Engine / Power / Fuel Modifications**

5.6.1. Engine swaps and modifications are free.

5.6.2. Exhaust system is free.

5.6.3. Fuel is free, must be commercially available.

## **5.7. Transmission**

5.7.1. Transmission swaps and aftermarket units including sequential or paddle shift are permitted.

## **5.8. Tow Hooks**

5.8.1. Front and rear tow hooks mandatory. It is mandatory to have a place to easily attach a tow rope to the car. This can be an aftermarket tow hook or factory component.

## **5.9. Tire Eligibility**

5.9.1. Tire size, manufacturer, and compound are free. However, in order to be eligible for the "Pirelli Racer Pricing" and "Pirelli Contingency", all Pirelli tires must be purchased through "Steelcase Tires N' Mags."

## **5.10. Safety**

5.10.1. All Competitors (including passengers) must wear approved safety gear consisting of approved helmet, suit, shoes and gloves. Each vehicle must be equipped with a minimum 2lb ABC fire extinguisher securely fastened to the vehicle.

## 6. VEHICLE CLASSIFICATION / ELIGIBILITY

- 6.1.1. Not all vehicles are eligible for “Production” or “Street” class even if they are 100% OEM. Please refer to the list below. If your car is not listed please email [timeattack@cscs.ca](mailto:timeattack@cscs.ca) for clarification on your specific vehicle classification.
- 6.1.2. The entire tub, floor plan, firewall, and frame assemblies including but not limited to the cowl and windshield frame must remain in the stock position. On unibody cars the frame is defined as the boxed and formed parallel sections running the length of the vehicle.
- 6.1.3. Limit of “one” internal combustion engine per vehicle. The only approved internal combustion engines are piston and wankel rotary type.
- 6.1.4. Hybrid drives are permitted but must be CSCS approved.
- 6.1.5. Electric vehicles are permitted but must be CSCS approved.

### 6.2. Production Class

Exotics, super cars, limited edition cars are prohibited in this class.

Make	Models Allowed	Models Not Allowed
Acura	All	NSX
Ariel	<b>None</b>	
Audi	(Selected models)	R8
BMW	(Selected models)	M3 GTS, M4 GTS, M5,
Chevrolet	All	Corvette c5 Z06 and later models
Chrysler/Dodge	All	Dodge Viper
Ferrari	<b>None</b>	
Ford	All	Cobra, Mustang Cobra, Ford GT
Honda	All	NSX
Hyundai	All	
Infiniti	All	
Lamborghini	<b>None</b>	
Lexus	All	LFA
Lotus	<b>None</b>	
Mazda	All	
McLaren	<b>None</b>	
Mini	All	
Mitsubishi	All	
Nissan	All	R35 GTR
Pontiac	All	
Porsche	(Selected models)	
Saab	All	
Scion	All	
Subaru	All	
Toyota	All	
VW	All	



### 6.3. Street Class

Exotics, super cars, limited edition cars are prohibited in this class.

<b>Make</b>	<b>Models Allowed</b>	<b>Models Not Allowed</b>
Acura	All	NSX
Ariel	<b>None</b>	
Audi	All	R8
BMW	All	M3 GTS, M4 GTS, M5
Chevrolet	All, C5 Z06, C7	C6 Z06, C7 Z06
Chrysler/Dodge	All, Dodge Viper	ACR Viper
Ferrari	<b>None</b>	
Ford	All	Cobra, Mustang Cobra, Ford GT
Honda	All	NSX
Hyundai	All	
Infiniti	All	
Lamborghini	<b>None</b>	
Lexus	All	LFA
Lotus	<b>None</b>	
Mazda	All	
McLaren	<b>None</b>	
Mini	All	
Mitsubishi	All	
Nissan	All	R35 GTR
Pontiac	All	
Porsche	All, up to 991 (n/a) only	GT3, GT3 RS, Turbo, Cayman GT4
Saab	All	
Scion	All	
Subaru	All	
Toyota	All	
VW	All	