



**OPTIMA ULTIMATE STREET CAR CHALLENGE
COMPETITION RULES AND REGULATIONS**

**CALDER PARK, VICTORIA
SATURDAY APRIL 20TH 2024**

THE SPIRIT OF THE OPTIMA ULTIMATE STREET CAR CHALLENGE

1. WHAT IS THE PURPOSE?

The Primary focus of the event is to showcase high-quality and high-performance street cars, featuring aftermarket parts to perform at a high level. In addition, to provide an outlet for owners of high-performance street cars to congregate, socialize, and participate in an event designed to showcase the performance of their vehicle and create an infectious environment that promotes sponsors products and the automotive aftermarket industry. The event is designed to provide a safe, fun, and friendly competition. These rules and regulations are intended to encourage the spirit of a safe and enjoyable event.

2. WHY IN AUSTRALIA?

The Optima Ultimate Street Car Series is a well-established and highly regarded motorsport competition in the USA. <https://driveusca.com/events/>. The event in Australia will showcase Australian talent and search for the Ultimate Aussie Street Car.

3. WHAT DO I WIN?

The OPTIMA Ultimate Street Car Challenge winner will be awarded an invitation to attend the annual SEMA industry trade show and immediately following, the OPTIMA Batteries Ultimate Street Car Invitational (OUSCI) Championship, held annually in Las Vegas, NV, USA. The winning award will include flights for two people from an Australian domestic airport to/from Las Vegas, and suitable accommodation.

Awards will also be granted to the winners of each of the five competitive classes.

GENERAL RULES

1. This event is sanctioned by the Australian Auto-Sports Alliance (AASA), and will be conducted under the AASA Lapdash Sprint Supplementary Regulations. The regulations can be found [HERE](#)
2. All vehicles entered in the Optima Ultimate Street Car Challenge (OUSCC) event must be domestic or import four-wheeled vehicles that are licensed, registered, insured, for regular street use, and have a factory affixed OE manufactured production tag or plate. The OUSCC does not allow kit cars, modern reproductions, or other vehicles that were not issued or do not have a major factory affixed OE manufactured production tag or plate. No open wheeled vehicles are allowed, and all vehicles must use a factory or reproduction bonnet, structural fenders and body panels. Scoops, flares, and other modifications are acceptable. The OUSCC is an event designed specifically for performance street cars. Vehicles built specifically for competition or 'race cars with license plates' are not within the spirit of the event and will be scrutinized before entry is accepted. OUSCC officials will

make the final determination of eligibility.

3. All entrants must compete in all segments of the event to qualify to be the OPTIMA Ultimate Street Car. The segments are as follows:
 - a. Drag Race;
 - b. Auto Test;
 - c. Speed Stop; and
 - d. Hot Lap
4. Each entrant will be issued an entry number, which must be clearly visible on the vehicle during the event, using the stickers provided.
5. Entrants must use approved street tyres. Tyres will be required to pass a technical inspection at the event. Street tyres are defined as any treaded, non-competition tyre with a 200-tread wear rating or higher. No modifications to tyres will be acceptable, including shaving. Any entrant vehicle showing evidence of modification will be immediately disqualified from the event.
6. Entrants must use a single set of tyres for the entire event, tyre changing is prohibited, and tyres will be marked during scrutineering. In the event of a catastrophic failure, tyre changes may be allowed at the discretion of the OUSCC officials. Replacement tyres must be of the same manufacturer and model as those approved during scrutineering.
7. Helmet use is required at all times during competition and must be an approved automotive helmet, with a Snell foundation sticker of SA2015 or SA2020 (look for the orange label inside the liner).
8. All convertibles or roadsters must have rollover protection for the Drag Race event. Convertibles or open top vehicles are required to wear arm restraints during the Hot Lap and Drag Race events.
9. Entrant competition vehicles must pass a safety inspection that will include but may not be limited to the following:
 - a. Functional seat belts;
 - b. Proper brake pedal pressure and travel;
 - c. Sufficient throttle return spring and secured battery;
 - d. All lug nuts in place and tight;
 - e. Hubcaps/clip-on center caps are to be removed; and/or
 - f. All loose items must be removed from the vehicle, including but not limited to – floor mats, phone mounts, luggage, boots items, and items hanging from the rear vision mirror.
10. Each segment of the event will be timed to 0.00.00. A 100 point scoring system will award points based on the best time in each segment. The entrant with the most combined points in the overall event winner.
11. The Race Director and OUSCC officials will have complete discretion to deny or remove an entrant from the event if deemed necessary.
12. All entrants will compete in one of FIVE classes:

- a. Vintage – 1989 and older;
- b. Modern – 1990 and newer;
- c. Fast four – all turbo, no turbo, all wheel drive, rotary three and smaller;
- d. SUV/4x4; or
- e. Outlaw – vehicles that do not meet the competition regulations OR a vehicle driven by a professional driver. Note – entrants competing in the outlaw class are NOT eligible to win the overall event award ‘the Ultimate Street Car winner’.

DESIGN & ENGINEERING

1. All vehicles will be judged on their construction and modifications that enhance the performance, functionality, and appearance of a vehicle, while maintaining or enhancing the ‘daily driver’ features and accessories.
2. Vehicles are expected to have all functional street car components as typically found in most production vehicles. Including but not limited to, two windshield wipers, at least two seats, two headlights, two taillights, two exterior turn signals front and rear, and windows that go up and down sealing the interior from wind and rain.
3. The design and engineering segment of the event seeks to find a balance and reach the highest possible vehicle performance, maintain or highlight features that allow a vehicle to be driven regularly, and achieve a quality fit and finish. The result should be a consistent theme and overall pleasing package.

TOTAL POSSIBLE POINTS: 100

4. Total possible technical points: **64**. Points will be awarded for each of the following ‘street car’ features. All items must be in wording order at the time of scrutineering.
 - a. Windshield and windows – **14 points**
Window material must be clear, rigid, and similar to factory thickness.
 - i. Front windshield – must be DOT approved – **4 points**;
 - ii. Right side window – moves up and down and seals – **4 points**;
 - iii. Left side window – moves up and down and seals – **4 points**;
 - iv. Rear windows – **2 points**.
 - b. Exterior lighting – **12 points (1 each)**
 - i. LF headlight;
 - ii. RF headlight;
 - iii. High beam headlight;
 - iv. LF turn signal;
 - v. RF turn signal;
 - vi. LR brake light;
 - vii. RR brake light;
 - viii. LR turn signal;
 - ix. RR turn signal;
 - x. Back up lights;
 - xi. Hazard lights front;
 - xii. Hazard lights rear.

- c. Interior electronics – **12 points**.
 - i. Horn – **4 points**;
 - ii. Audio system – **2 points**;
 - iii. HVAC – **2 points** (A/C not required);
 - iv. Dome/interior lights – **2 points**;
 - v. Illuminated dashboard – **2 points**.
- d. Interior – **14 points**.
 - i. Interior carpeting – **4 points**;
 - ii. Finished door panels – **2 points**;
 - iii. No exposed OE metal – roof, rear seating/side panels – **2 points**;
 - iv. Padded or covered dashboard – **2 points**;
 - v. Driver and passenger seats with safety belt – **2 points**;
- e. Street drivability/ergonomics/comfort – **12 points**;
 - i. Functioning windshield wipers – **2 points**;
 - ii. Doors open/close from inside/out for vehicle ingress/egress – **2 points**;
 - iii. Visibility via front, ear through camera or mirror, and side view mirrors – **2 points**;
 - iv. Vehicle underbody must clear the recommended speed bump height – **2 points**.

5. Judging points – a panel of three qualified industry expert judges will use OUSCC criteria to further evaluate each car on its overall function, design, engineering, theme, creative use of parts/materials, and overall fit and finish. Judges may award up to 10 points in 0.5 increments for each of the eight categories. Entrants will have 5 minutes to present their vehicle to the judges, and the final score is an average of the three judges scores plus the technical points.

- a. The judging categories are as follows:

- i. Body/exterior finish;
- ii. Engine/driveline modifications;
- iii. Air intake/exhaust;
- iv. Wheels/tyres/brakes;
- v. Chassis/suspension;
- vi. Interior;
- vii. Audio/electronics; and
- viii. Boot/hatchback/area behind the front seats.

6. Vehicles are judged on their own merit, and not against other participating vehicles. Judges will evaluate using a showroom stock new car as a baseline to judge the above criteria. On a scale of 1-10, showroom stock new is a 5. If criteria of the judged vehicle is better than showroom stock new, judges will award more than 5, if the criteria are inferior, judges will award less than 5. Entrants will not be penalized for extra safety equipment, or for scuff marks that are a result of the event competition.

DRAG RACE RULES

TOTAL POSSIBLE POINTS: 100

1. All Entrants must complete at least 1 pass on the drag strip. Single fastest time slips must be turned into OUSCC officials immediately.

2. The required personal protective equipment includes: SA2010 and SA2015 helmets, closed toe shoes, long sleeves and long pants.

AUTO TEST RULES

TOTAL POSSIBLE POINTS: 100

1. The official time for each run will be as measured by the timing systems plus any penalties occurred.
2. A two second penalty will apply for knocking a bollard over or out of its outlined box, if a bollard remains standing and is touching the outlined box it is not a penalty. Pointers or lay down cones are considered directional aids and do not impose a penalty.
3. A DNF (Did Not Finish) will be imposed for repeatedly not coming to a complete stop after crossing the finish line. Crossing or contact with any cones / bollards after the finish line is considered a violation and will result in a DNF.
4. Any vehicle that spins, loops, or leaves the auto test surface (4 wheels off) for any reason will be black flagged and required to report directly to the Race Director and AASA Steward as soon as safely possible. Multiple black flags issued to an entrant will result in a deduction of points or immediate dismissal from the event.
5. The entrants official score for the event will be the fastest timed lap of the segment.
6. The entrant with the fastest timed lap in their respective class will be declared the winner. In the event of a tie within a class, considering the second fastest run of each tied entrant for each session, and so on until the tie is broken.
7. Burnout, dry hops, etc. anywhere in the grid or staging area is strictly prohibited and may result in a deduction of points or disqualification from the event.
8. The required personal protective equipment includes: SA2010 and SA2015 helmets and closed toe shoes.

SPEED STOP RULES

TOTAL POSSIBLE POINTS: 100

1. The format will be a down and back course layout that will feature a turnaround, slalom, and stop box. The official time for each run will be as measured by the timing system.
2. A DNF will be imposed for knocking a bollard over or out of its outlined box. If a bollard remains standing and is touching the outlined box it is not a penalty.
3. The stop box shall be designed as a 9m x 12m box, designated with bollards. A DNF will be imposed for touching any stop box bollards.
4. The entire length and width of the vehicle must be inside

the designated stop box.

5. Any vehicle that spins, loops, or leaves the speed stop surface (4 wheels off) for any reason will be black flagged and required to report directly to the Race Director and AASA Steward as soon as safely possible. Multiple black flags issued to an entrant will result in a deduction of points or immediate dismissal from the event.
6. The entrants official score for the event will be the fastest timed lap of the segment.
7. The entrant with the fastest timed lap in their respective class will be declared the winner. In the event of a tie within a class, considering the second fastest run of each tied entrant for each session, and so on until the tie is broken.
8. Burnout, dry hops, etc. anywhere in the grid or staging area is strictly prohibited and may result in a deduction of points or disqualification from the event.
9. The required personal protective equipment includes: SA2010 and SA2015 helmets and closed toe shoes.

HOT LAP RULES

TOTAL POSSIBLE POINTS: 100

1. The hot lap event will be a time trial format with three run groups running multiple sessions on the designated course. Run groups will be determined prior to segment start based on driving experience, comfort level, and abilities determined by both the entrant and OUSCC officials.
2. OUSCC officials reserve the right to move entrants to a different run group based on the input of track spotters, entrant feedback, and OUSCC official's observations.
3. Run group designation is at the sole discretion of OUSCC officials and the Race Director.
4. Run groups will be designated as follows:
 - a. **EXPERT**
 - i. May have attended and graduated an advanced course at an accredited driving school, 10-12 track days per year, familiar with track flags, etiquette, rules, and 'racing lines', may have a sanctioned competitive license, and/or competed in wheel-to-wheel racing events.
 - ii. Passing will be allowed in designated areas.
 - iii. Specific event track rules will apply and be communicated during the event drivers briefing.
 - iv. Safety equipment required:
 - v. Helmet SA2015 or SA2020
 - vi. Neck restraint (HANS style) or SFI certified neck collar
 - vii. Properly mounted 5 point harness or better
 - viii. FIA or SFI 3.2A/1 rated single layer fire suits or better
 - ix. Nomex fire retardant gloves
 - x. Full coverage leather shoes
 - xi. Tyres with a manufacture date within 5 years of

the event date

b. INTERMEDIATE

- i. May have attended and graduated a basic course at an accredited driving school, 5-8 track days per year, familiar with basic track flags, etiquette, rules, and 'racing lines', multiple sessions with a certified performance driving instructor.
- ii. Passing will be allowed via point-by only on designated portions of the track.
- iii. Specific event track rules will apply and be communicated during the event drivers briefing.
- iv. Safety equipment required:
- v. Helmet SA2015 or SA2020
- vi. Neck restraint (HANS style) or SFI certified neck collar
- vii. Minimum factory or better 3 point safety belt, 5 point is recommended
- viii. FIA or SFI 3.2A/1 rated single layer fire suits or better
- ix. Nomex fire retardant gloves
- x. Full coverage leather shoes
- xi. Tyres with a manufacture date within 5 years of the event date

c. NOVICE

- i. Minimal performance driving instruction, less than 3 track days annually, driving for fun and education, desires more instruction to be able to understand and enjoy performance driving.
- ii. Lead/follow laps only, passing may be allowed on designated straightway track.
- iii. Specific event track rules will apply and be communicated during the event drivers briefing.
- iv. This is a non-competitive run group with limited and monitored speed.
- v. Safety equipment required:
- vi. Helmet SA2015 or SA2020
- vii. Neck restraint (HANS style) or SFI certified neck collar
- viii. Minimum factory or better 3 point safety belt
- ix. FIA or SFI 3.2A/1 rated single layer fire suits or better OR 100% cotton long sleeved shirt and pants
- x. Nomex fire retardant or leather gloves
- xi. Full cover leather shoes

- 5. The official time for each run will be as measured by the transponder in the entrant vehicle.
- 6. OUSCC officials may, at their discretion, alter or change the hot lap configuration for safety, excessive speed, and to run the segment in the timed allotment. Entrants in all run groups will run the same course configuration.
- 7. Any vehicle that spins, loops, or leaves the hot lap surface (4 wheels off) for any reason will be black flagged and required to report directly to the Race Director and AASA Steward as soon as safely possible. Multiple black flags issued to an entrant will result in a deduction of points or immediate dismissal from the event.

- 8. The entrants official score for the event will be the fastest timed lap of the segment.
- 9. The entrant with the fastest timed lap in their respective class will be declared the winner. In the event of a tie within a class, considering the second fastest run of each tied entrant for each session, and so on until the tie is broken.
- 10. Burnout, dry hops, swerving, etc. to warm tyres is strictly prohibited and may result in a deduction of points or disqualification from the event.
- 11. Contact with any markers (cones, bollards, etc.) designating a speed monitoring or limiting element such as a chicane or bus stop, may result in the loss of an entrants fastest recorded lap.