



Off-Street Drag Racing Regulations

(Race 4 Real Wednesday, Sunday Street Meet, Bike Night)

Updated: August 14th, 2025 – Revisions in Yellow

INTRODUCTION

Overview

"Off Street" Drag Racing events are for drivers who wish to compete with their road-going street vehicle or bike. A road-going street vehicle is defined as a car or motorcycle that is street-registered or is capable of being street-registered. Purpose-built race cars are not permitted at an "Off Street" event.

Who Can Race?

Anyone who holds (or has held) an Australian provisional or full civil licence. Should the driver be under 18-years of age the entry form must be accompanied by a Parent/Guardian Acknowledgement of Risk Form including Waiver, Release and Indemnity which must be completed and signed by a parent or legal guardian in the presence of, and be witnessed by, a Sydney Dragway official.

Can I Modify The Car?

Race 4 Real Wednesday Off-Street meetings are only for street-type street cars and bikes. They are not for race cars, radically modified cars (other than approved street rods) or four-wheel-drives with lift kits. Minor modifications are permitted. Any modification that alters the integrity of the chassis or suspension pick-up points may be refused. The car interior must be complete with all seats, door trims, operable door handles, hood lining, etc. The car must have a street-type exhaust and mufflers that run to the rear axle as a minimum and must be capable of staying within a 95dB noise limit. Note: A catalytic convertor by itself will be rejected. Hot Dogs or any other resonator are not considered to be a muffler. Racing slick tyres are permitted (See 7: Wheels and Tyres).

Safety

- **Drivers must wear** an approved Standard helmet (e.g. AS/NZS 1698 minimum as specified in the accompanying Table 1: Off-Street "Road-Going" Cars – Minimum Requirements) with long-sleeved upper body garment, long pants and enclosed shoes. (Clothing must be of fire-resistant material as a minimum – no nylon or track suits permitted).
Refer Table 1: Off-Street "Road-Going" Cars – Minimum Requirements for full details.
- **Riders must wear** an approved Standard full-face helmet (AS/NZS 1698 minimum), purpose-made motorcycle riding jacket, leather gloves, long pants (strongly recommend leathers or Kevlar) and leather boots that fully cover the ankles (no elastic-sided boots or track shoes/runners permitted).
Refer Table 2: Off-Street "Road-Going" Motorcycles – Minimum Requirements for full details.

OFF-STREET DRAG RACING REGULATIONS

1. Road-Going Street Vehicle

- A road-going street vehicle is defined as a car or motorcycle that is street-registered or is capable of being street-registered. Purpose-built race cars are not permitted.

2. Mechanical and Body

- Automatics must have an operational neutral safety switch
- No oil leaks
- Radiator must have an overflow catch tank
- Battery must be fully secured with a clamp or bracket
- Bonnets must be fitted and secured
- All vehicles must have at least one working taillight and headlight.

3. Modifications

- The body must not be modified beyond acceptable "street legal" limits
- The engine, transmission, brakes and suspension springs (no suspension lift kits permitted) may be modified provided they fit the "road-going" definition above. However, this does not include major modifications such as "four-link" or ladder bar suspension conversions
- Examples of major modifications include any alteration to structural parts of the vehicle (e.g. floor pan alteration, firewall alteration)
- Venue management reserves the right to refuse entry to any vehicle deemed to be modified beyond a road-going street-registered capable car or motorcycle

- No changes are to be made to the vehicle after it has been scrutineered. If changes are made, the vehicle must be represented to scrutineers for approval before competing.

4. Vehicle Heights

- Vehicles must have a maximum 600mm crankshaft height with the only exceptions being:
 - ❖ Vehicles with crankshaft height between 601 and 700mm which must have exemption or approval from chief scrutineer and not be capable of ETs quicker than 13.50-seconds over the quarter-mile; or
 - ❖ Vehicle has been approved for stability and handling by an RMS-approved engineer (and current engineering certificate can be provided)
- Regardless of crankshaft height, no suspension lift kits are permitted.

5. Exhaust

- The car must have a street-type exhaust and mufflers that run to the rear axle as a minimum and must be capable of staying within a 95dB noise limit
- A catalytic convertor by itself will be rejected
- Hot Dogs or any other resonator are not considered to be a muffler and will be rejected
- Cannon mufflers may be acceptable on some 4-cylinder or turbo vehicles providing they can stay within the 95dB limit. It is highly recommended that any V8 engine use full mufflers to meet the 95dB limit as cannon mufflers are highly likely to fail noise requirements
- It is the entrant's responsibility to ensure the vehicle will meet the noise requirements
- Noise monitoring may be conducted at off-street events
- Any vehicle that exceeds the noise limit will be excluded from the event.

6. Interior

- Cars must have complete interiors; that is: all seats, all door trims, all door handles operable, hood lining, etc.
- Seats and seatbelts to be in good supportive condition
- There are to be no loose objects within the interior. All loose items must be removed.

7. Wheels and Tyres

- All wheel nuts must be in place and tightly secured
- No hub caps or dress rims permitted
- Slicks are permitted however tyre types must match front-to-back
- Conventional Drag Slicks must be run with cross-ply or dedicated Drag Racing front-runners
- Radial Drag Tyres (treaded) must be run with radial front tyres
- Space saver type rims and tyres are prohibited

8. Driver Licensing

- Drivers must hold an Australian provisional or full civil licence (or be able to prove that they have held an Australian provisional or full civil licence)
- If a driver is under 18 years of age the entry form must be accompanied by a Parent/Guardian Acknowledgement of Risk Form including Waiver, Release and Indemnity which must be completed and signed by a parent or legal guardian in the presence of, and be witnessed by, a Sydney Dragway official.
- P-Plate drivers are permitted.
- Drivers on Red P-Plates (Provisional 1) Licences are not permitted to carry passengers.
- Drivers on Green P-Plates (Provisional 2) Licences are permitted to carry passengers.
- L-Plate drivers are not permitted.
- First-time drivers are required to undertake a mandatory induction with a Sydney Dragway official.

9. Forced Induction

- Standard factory-fitted or aftermarket superchargers or turbochargers are permitted.

10. Nitrous

- Nitrous Oxide is permitted
- All vehicles using Nitrous Oxide must display special markers located on the outside of the vehicle in the area where the supply bottle is located and in the top left corner of the front windscreen
- The marker shall be a yellow diamond with N₂O printed in black letters.

11. Driving Standards

- Please turn off the car's air-conditioner once you have entered the venue
- Air-conditioning must not be in operation at any time while the car is in the staging lanes or when racing
- No water sprayers are to be used in any form
- No driver (or passenger, if applicable) is permitted to use a mobile phone once they have passed through the tunnel and are on the drag strip or on the return road
- All drivers/riders must observe sign-posted speed signs at all times while within the venue
- All drivers/riders must follow the directions and/or instructions of track officials at all times
- Any burnouts outside of designated burnout area box will result in eviction from the event
- No across-the-start line burnouts are permitted by any vehicle.
- Drivers (and passengers, if applicable) must wear all safety gear until they have passed back through the tunnel and returned to pit/paddock area
- All windows must be up and helmets on until the driver has completely turned off the racetrack
- Drivers may be subject to random breath testing
- All Sydney Dragway Supplementary Track Regulations apply.

12. Crew Members

- Only one (1) crew member per entrant is permitted in the start line area if permitted by meeting director.

13. Tow Vehicles

- Tow vehicles are not permitted. All vehicles must be driven back to the pit/paddock area.

14. Exceptions to these Regulations

- Sydney Dragway may use their discretion regarding exceptions to these regulations. Any request for an exception to these regulations must be made through the venue in writing at least 36 hours prior to the event. If a request for an exception has not been received and approved by the venue prior to the event it will not be accepted or permitted once the event has commenced.
- IHRA Australia Real Street Licence holders must abide by all IHRA Australia Real Street rules and regulations
- IHRA Australia Super Street Licence holders are permitted to bring their race vehicle to Off-Street events. Their vehicle must be compliant to all IHRA Australia Super Street rules and will be scrutineered before going down the track. Super Street vehicles are exempt from Sections 3-6 inclusive of the Off-Street rules, where alternative provisions have been made under IHRA Australia Super Street rules. All other Off-Street rules apply.

TRACK SIDE VIEWING (TSV)

Overview

Track Side Viewing (TSV) is a concrete-walled viewing area allowing spectators uninterrupted views of the start line and burnout area. This area is accessible via the Ground Floor entrance of the main Tower Building. A limited number of TSV tickets are made available for every Off-Street event.

TSV Regulations

- TSV ticket holders must sign an IHRA Australia disclaimer and receive a wristband from a Sydney Dragway official before entering the area.
- TSV ticket holders must be 16 years of age or over.
- Enclosed shoes must be worn at all times.
- No singlets may be worn while in the TSV area.
- TSV ticket holders under the age of 18 must present valid ID clearly showing their date of birth.
- TSV ticket holders under the age of 18 must be accompanied by a Parent/Guardian Acknowledgement of Risk Form including Waiver, Release and Indemnity which must be completed and signed by a parent or legal guardian in the presence of, and be witnessed by, a Sydney Dragway official.

PASSENGERS

Overview

Passenger rides are allowed at all Race 4 Real events and can be purchased on the night at the Scrutineering Shed.

1. Vehicle Regulations

- Passengers are only allowed in cars complying to Table 1: Off-Street "Road-Going" Cars.
- A maximum of one (1) passenger is allowed in the vehicle while going down the track. (NOTE: There is no limit to how many passengers a single driver can have during an event.)
- All passengers must sit in the front seat of the vehicle.
- The front seat of the vehicle must have the same safety equipment as the driver's seat.
- All vehicles carrying passengers may not run quicker than 10.50.
- A vehicle carrying a passenger may not be paired with a second vehicle carrying a passenger on-track.

2. Passenger Regulations

- All passengers must present to registration and scrutineering with the driver and vehicle.
- All passengers are required to comply with the same safety equipment regulations as the driver.
- Passengers must be 16 years of age or over.
- Passengers under the age of 18 must present valid ID clearly showing their date of birth.
- Passengers under the age of 18 must be accompanied by a Parent/Guardian Acknowledgement of Risk Form including Waiver, Release and Indemnity which must be completed and signed by a parent or legal guardian in the presence of, and be witnessed by, a Sydney Dragway official.
- Passengers cannot ride with a first-time driver or burnout competitor.

HELMET HIRE

Overview

Helmets will be available for hire for all off-street competitors. These helmets are compliant to ECE22.5 standards and are available for \$50 per event plus \$150 security deposit. Helmet hires can be booked during the event at Registration.

Helmet Regulations

- Drivers and passengers are responsible for correct fitting and use of helmet while on hire.
- Helmets must be returned at the end of the event to the Timecards Office.
- Security deposit will only be returned once the helmet has been inspected by the Sydney Dragway office on the first business day after the event.
- If helmets are not returned or are returned damaged, the security deposit is forfeited.

Table 1: Off-Street "Road-Going" Cars – Minimum Requirements

Vehicle Type	ET	Technical Requirement	Personal Safety
Modern Sedan Cars with Original Monocoque, fitted with four-wheel disc brakes & air bags	10.00 – 10.49	Original 3-point lap-sash as manufactured, OEM four-wheel disc brakes and air bags must be retained	Approved full or open face helmet – AS/NZS1698: 2006 minimum. Long sleeve, long pants, socks and enclosed shoes. No nylon clothing.
Sedan Cars with Original Monocoque	10.50 and slower	Original 3-point lap-sash as manufactured	Approved full or open face helmet – AS/NZS1698: 2006 minimum. Long sleeve, long pants, socks and enclosed shoes. No nylon clothing.
Sedan Cars with Original Monocoque, that do not comply with Modern Sedan Cars (first row above)	10.00 – 10.49	4-point harness 4-point roll bar Parachute at 225kph/140mph	Approved full-face helmet – AS/NZS1698:2006 minimum. Long sleeve, long pants, socks and enclosed shoes. No nylon clothing.
All Street Cars with Modified Monocoque, Convertibles, SUVs or Ladder-type chassis (i.e. Street Rods)	11.50 and slower	Original 3-point lap-sash as manufactured	Approved full or open face helmet – AS/NZS1698: 2006 minimum. Long sleeve, long pants, socks and enclosed shoes. No nylon clothing.
Street Cars with Modified Monocoque, Convertibles, SUVs or Ladder-type chassis (i.e. Street Rods)	10.00 – 11.49	4-point harness 4-point roll bar	Approved full-face helmet –AS/NZS 1698: 2006 minimum. Long sleeve, long pants, socks and enclosed shoes. No nylon clothing.
All Real Street Cars	9.00 – 13.99	Must comply with relevant IHRA Australia Real Street Regulations	Must comply with relevant IHRA Australia Real Street Regulations
All Super Street Cars	10.00 – 12.99	Must comply with relevant IHRA Australia Super Street Regulations	Must comply with relevant IHRA Australia Super Street Regulations
All Other Street Cars	9.99 and quicker	Must comply with relevant IHRA Competition Regulations	Must comply with relevant IHRA Competition Regulations.

No vehicle capable of running quicker than 8.50-seconds over the quarter-mile is permitted.

Table 2: Off-Street "Road-Going" Motorcycles – Minimum Requirements

Note 1: All riders must hold the appropriate level of civil motorcycle licence, either provisional or unrestricted.

Note 2: Holders of a Learner Rider Licence, Provisional P1 Rider Licence or Provisional P2 Rider Licence may only compete on a LAMS-approved motorcycle.

Note 3: All riders are restricted to ride motorcycles with engine capacities as determined by their civil licence.

Note 4: A civil car licence will not be accepted for motorcycle competitors.

Vehicle Type	ET	Technical Requirement	Personal Safety
Street Motorcycles	9.50 and slower	As manufactured	Helmet: Approved Standard full-face helmet. For example: AS/NZS 1698 or AS/NZS 1698:2006; ECE R22-05; M2015 or M2020 minimum. Jacket: Purpose-made motorcycle riding jacket. Leather or DriRider/Kevlar-style with all armour inserted. Pants: Full-length jeans or workwear-style cargo pants minimum. Strongly recommend leathers or Kevlar. Track suit pants not permitted. Gloves: Full leather gloves required. Material gloves not permitted. Boots: Purpose-made riding boots or lace-up boots that fully cover the ankles. Elastic-sided boots, track shoes/runners not permitted.
All Motorcycles	9.49 and quicker	Must comply with relevant IHRA Competition regulations.	Must comply with relevant IHRA Competition regulations.

ET Cut Off: An allowance for one-tenth of one second for accidental breaches of class limits will receive one warning. Any vehicles running quicker than the one-tenth allowance or running a time within the one-tenth allowance more than once, will take no further part in that event.

No vehicle capable of running quicker than 8.50-seconds over the quarter-mile is permitted.