

# Benaraby 4WD Drags – Entrant Information – 2025



## 1. Event Schedule

### Friday 25 July – Arrive & Social

- » Gates Open: 3:00pm
- » Office & Scrutineering: 3:30pm – 6:30pm
- » Bar & Sausage Sizzle: from 5:00pm (Food Vendors open too)

### Saturday 26 July – Race Day

- » Breakfast: **Truck n Yum** (Bacon/Egg rolls), **That Coffee Chick** (coffee)
- » Office & Scrutineering: 8:00am – 12:00pm
- » **Test & Tune:** 10:00am – 12:00pm (unlimited runs to get your vehicle running “on point”)
- » **Qualifying:** from 12:30pm (3 passes will help you predict your “dial-in” for racing)
- » **Racing:** from approx. 5:00pm (3 passes), then **Finals**.
- » **Live Music:** [Chris Bax Entertainment](#) until 1:00am

## 2. Brackets

Bracket	Description	Eligible Vehicles
Petrol	Naturally aspirated 4x4 petrol engine vehicles with capacity up to 6.3 litres, and forced induction (turbo, supercharged or nitrous oxide) with capacity up to 3.5 litres.	Must be a true, operational 4WD (transfer case   centre-locking diff   high / low range etc).
Petrol Unlimited	Naturally aspirated 4x4 petrol engine vehicles with capacity 6.4 litres and over, and forced induction (turbo, supercharged or nitrous oxide) with capacity 3.6 litres and over.	
Diesel	All 4x4 diesel vehicles	

4x2	Vehicles that are 2-wheel drive whose manufacturer has a 4-wheel drive equivalent ie Toyota Hilux, Ford Ranger, Holden Rodeo, Ford F Series, Mitsubishi Triton, Mazda BT—50 etc. Any engine size, any engine type, any induction type.
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### 3. Sanctioning | Scrutineering | Licencing | Track Regulations

- » This event is sanctioned by IHRA Australia. Vehicles and racers must meet all [IHRA rules and regulations](#).
- » Unless racing on a full IHRA licence, entrants must purchase an **IHRA Event Licence** [here](#). The cost is \$25.37 for a 1-Day Event Licence (excluding the 1.5% merchant fee). Fee payable directly to IHRA Australia.
- » Unless racing on a full IHRA licence, all vehicles must be presented for scrutineering.
- » If your vehicle does not meet the criteria for your designated bracket, you will be reassigned accordingly.
- » Crankshaft heights will be checked and measured at scrutineering.
- » Your allowable E.T. will be written in orange chalk marker on your left side window. You may not exceed your allowable E.T.
- » Please ensure you are familiar with [Benaraby Dragway's Track Regulations](#)

### 4. IHRA Event Licence Racers

We anticipate most racers attending our event will not have any type of IHRA drag racing licence and be running a vehicle that will run 10.50 seconds or slower over the 1/4 mile. These racers will need the following:

- ~ Purchase an **IHRA Event Licence**
- ~ Long sleeved top (closed) and full-length trousers. No nylon.
- ~ Closed shoes with socks
- ~ Helmet (full face or open) Australian Standard 1698 minimum, and less than 10 years old

Note: Your vehicle crankshaft centreline height may further restrict the lowest E.T. you are permitted to run over the 1/4 mile. Please consult Item 5.

### 5. Crankshaft Centreline Heights | Allowable E.T.s

Maximum crankshaft centreline heights are listed below (measured from centre of crankshaft to ground) along with their allowable E.T.'s. All measurements are to be made from level ground with racing pressure in the tyres.

Height	Elapsed Time (E.T.)
≤24" (610mm)	No E.T. restrictions
>24" & ≤31" (785mm)	Between 10.00 seconds to 11.99 seconds 1/4 mile
>31" & ≤36" (915mm)	12.00 seconds 1/4 mile or slower

Note: This information is to be read in conjunction with IHRA licence requirements and IHRA Vehicle Technical Inspection / Logbook requirements. For example, an IHRA Event Licence technically permits the racer to run as low as 10.00 seconds 1/4 mile however this would require that the vehicle has a current IHRA technical inspection / logbook and the racer would need to wear the appropriate protective clothing and safety equipment.

## 6. Vehicle – General Conditions

- ~ **Vehicle** should be in good working order and free from any oil, fuel or coolant leaks.
- ~ **Chassis** must be structurally sound, with no significant rust.
- ~ **Wheels and tyres** must be in good condition, with no cords or belts exposed. Tread depth must exceed the minimum tread wear indicators, and all wheel nuts must be present.
- ~ **Suspension, brakes and steering systems** must fully operational and in good condition.
- ~ **Brake pads** must have adequate material remaining.
- ~ All **suspension components, linkages, steering boxes, pumps and related parts** must be in good condition, with no excessive play.
- ~ For all turbocharged vehicles not equipped with at least one muffler, the **exhaust tip** must be fitted with two bolts (3/8" or 10mm in diameter) installed across the diameter of the exhaust tip at 90° to each other. This is to prevent debris from exiting the exhaust in the event of a turbine failure.

## 7. Clothing | Helmet Requirements

- ~ For those running quicker than 10.50 seconds 1/4 mile, you will need to consult the [IHRA Protective Clothing Matrix](#) and [IHRA Helmet Matrix](#) for your requirements. We anticipate these racers will already hold a full IHRA drag racing licence based on their vehicle performance and already be familiar with their obligations.
- ~ For those running 10.50 seconds 1/4 mile or slower, see item 4 for your requirements.

## 8. Race Format: Chicago Shootout + Dial Your Own (DYO)

### Chicago Shootout: A Quick Guide

- Qualifying**
  - Everyone has 3 rounds of 'qualifying' before racing. You can use your qualifying passes to help work out a dial-in time
  - Both racers leave the start line at the same time
  - Wins and losses don't count
  - A timeslip can be collected from the bottom of the tower that shows your race statistics
- Racing**
  - Everyone races 3 rounds using the DYO method
  - You can change your dial-in time for each round as desired
  - Win/loss is recorded for each round
  - After 3 rounds, the 2 racers with the most wins will progress to the final
  - In the event of multiple racers eligible for the final, there will be a countback based on closest ET to dial-in performance in the last round of racing to determine the finalists
- Final**
  - 1 round, 2 racers
  - Set your dial-in time
  - Winner is the racer that meets the win conditions based on the below

### Dial Your Own (DYO) Drag Racing: A Quick Guide

- Set Your Dial-In Time** – Before the race, you predict the time your car will take to complete the track (use the testing runs to help predict your time).
- Handicap System** – If your opponent has a slower dial-in, they get a head start. The goal is to cross the finish line without exceeding your dial-in time.
- Breakout Rule** – If you go faster than your dial-in, you lose unless your opponent also breaks out.
- Reaction Time Matters** – The race starts when the lights go green. A quick reaction time can make all the difference. If you 'red light' it means you have left before the green light and lose the race.
- Consistency Wins** – The most precise and steady racer takes the victory, not necessarily the fastest car.



## Win Conditions

**Red Light** = automatic loss (unless both do it, then first red loses)

**Breakout (went faster than dial-in)** = loss (unless opponent breaks out worse, or red lights)

**Winner** = green light + closest to dial-in without breaking out

## 9. Prizes

Total Cash Prize Pool of **\$4,400** comprising:

- **\$750 Cash** – Winner of each bracket
- **\$250 Cash** – Runner-up of each bracket
- **\$100 Cash** – Best Reaction Time during Racing
- **\$100 Cash** – Fastest E.T. during the Event
- **\$100 Cash** – Furthest Travelled
- **\$100 Cash** – Hard Luck

## 10. Amenities

**Pit Area:** 6 female, 5 male + urinal, 1 disabled toilet

**Spectator Area:** 3 female, 2 male + urinal

**Showers:** 1 (in scrutineering shed)

## 11. Food Vendors

1. [Sunrise Rotary Gladstone](#) (Sunrise hamburger, sausage in bread, softdrinks / water)
2. [CQ Doghouse](#) (hot dogs, chicken & gravy rolls, hot chips, softdrinks)
3. [Truck n Yum](#) (loaded fries, fish & chips, pluto pups, bacon/egg rolls)
4. [We R Woodfire Pizzas](#) (supreme, hawaiian, meatlovers, margherita, vegetarian, spicy Mexican, pepperoni)
5. [That Coffee Chick](#) (coffee, non-coffee, tea, iced-coffees, frappes, shakes)

## 12. Questions?

Email [secretary@benarabydragway.com.au](mailto:secretary@benarabydragway.com.au) (Laura Balfre – Secretary)

Club Phone: 0419 703 710 (Karlene Kelly – Treasurer)