



JUNIOR DRAG BIKE

CLASS REGULATIONS

Revised March 2026

Is for children between the ages of twelve and eighteen years inclusive. Racing Production Street Motorcycles of any age, modified to the limits described in the class regulations. Purpose-built drag racing motorcycles with fully fabricated frames based on Production Street Motorcycles may be granted.

AA/JDB for riders 15 years of age and older. Limited to an ET no quicker than **8.00** seconds and a Top Speed no faster than **93.2mph (150kph)** Class engine capacity not greater than *500cc*

A/JDB for riders between the ages of 13 and 18 years inclusive. Limited to ET no quicker than **8.50** seconds and Top Speed no faster than **82.02mph (132kph)** Class engine capacity limits *161cc to 360cc*

B/JDB for riders between the ages of 12 and 18 years inclusive. Limited to ET no quicker than 9.50 seconds and Top Speed not faster than 74mph (119kph) Class engine capacity limits *120cc to 160cc*

Upon the rider turning 18 years of age, any further racing is forbidden. With the exception of a driver who is currently participating in a National or Divisional Series, they can continue to compete until the end of that current series.

All competitors must comply to all Safety and General Regulations

Junior Dragster Licence Required

Membership required for Parent/Legal guardian if not current IHRA licence holder

IHRA Technical Inspection Required (includes logbook) one logbook per vehicle.

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| 48000 | Class Reg | Junior Drag Bike | | Bracket Designation | Junior Drag Bike was created for competitors between the ages of twelve and eighteen inclusive racing ADR-approved Production Street Motorcycles, modified to the limits described in the class regulations. | Mandatory |
| 48005 | Class Reg | Junior Drag Bike | | Bracket Designation | AA/JDB for riders 15 years of age and older. Limited to an ET no quicker than 8.00 seconds and a Top Speed no faster than 93.2mph (150kph) Class engine capacity not greater than 500cc | Mandatory |

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| 48010 | Class Reg | Junior Drag Bike | | Bracket Designation | A/JDB for riders between the ages of 13 and 18 years inclusive, limited to ET no quicker than 8.50 seconds and Terminal Speed not faster than 82.02 mph (129 km/h). Class engine capacity limits 360cc maximum. | Mandatory |
| 48020 | Class Reg | Junior Drag Bike | | Bracket Designation | B/JDB for riders between the ages of 12 and 18 years inclusive, limited to ET no quicker than 9.50 seconds and Top Speed not faster than 74 mph (119 km/h). Class engine capacity limits 120cc to 160cc original capacity | Mandatory |
| 48030 | Class Reg | Junior Drag Bike | | Bracket Designation | Two-stroke and off-road motorcycles are not permitted. Capacity limits apply to the original displacement of the engine. | Mandatory |
| 48040 | Class Reg | Junior Drag Bike | | Racing Procedure | A one-time only allowance of one tenth of a second during qualifying rounds only for breaching class limits. Any vehicles running faster than the one tenth of a second allowance or running a time within the one tenth of a second allowance more than once, will be immediately disqualified and take no further part in that event. | Mandatory |
| 48050 | Class Reg | Junior Drag Bike | | Racing Procedure | A one-time only allowance for excessive wheel standing during qualifying rounds. Any motorcycle running outside this allowance more than once, will be immediately disqualified and take no further part in that event. Excessive wheel standing is defined as a deliberate and sustained wheel stand. To be determined by IHRA Australia Chief Steward or his designated observer. Persistent breaches of exceeding class limits may result in tribunal action. Class: One tenth of a second allowance (during qualifying rounds only) | Mandatory |
| 48055 | Class Reg | Junior Drag Bike | | Racing Procedure | Qualifying Class Limit AA/JDB not quicker than 7.900 sec 1/8 mile, 'once only' | Mandatory |
| 48060 | Class Reg | Junior Drag Bike | | Racing Procedure | Qualifying Class Limit A/JDB not quicker than 8.400 sec 1/8 mile, 'once only' | Mandatory |
| 48070 | Class Reg | Junior Drag Bike | | Racing Procedure | Qualifying Class Limit B/JDB not quicker than 9.400 sec 1/8 mile, 'once only' | Mandatory |
| 48075 | Class Reg | Junior Drag Bike | | Racing Procedure | Elimination Class Limit AA/JDB not quicker than 8.000 sec 1/8 mile | Mandatory |
| 48080 | Class Reg | Junior Drag Bike | | Racing Procedure | Elimination Class Limit A/JDB not quicker than 8.500 sec 1/8 mile | Mandatory |
| 48090 | Class Reg | Junior Drag Bike | | Racing Procedure | Elimination Class Limit B/JDB not quicker than 9.500 sec 1/8 mile | Mandatory |
| 48100 | Class Reg | Junior Drag Bike | | Racing Procedure | If parent/guardian fails to withdraw their racer from event due to exceeding ET cut-off limits, then racer is suspended for 2 meetings and parent/guardian fined \$1,000. After the event is completed, all run sheets will be checked and any team found to have breached this rule will be notified, and the racer will be removed from the racing results with a fine implemented. | Mandatory |
| 48110 | Class Reg | Junior Drag Bike | | Racing Procedure | The Top Qualifier for the JDB Eliminator will be decided by the quickest Elapsed Time relative to class minimum. IE: AA/JDB = 8.10. A/JDB = 8.60. B/JDB = 9.60. | Mandatory |
| 48120 | Class Reg | Junior Drag Bike | | Racing Procedure | Paired Runs: Paired runs between Junior Drag Bikes and those from any other category is prohibited. | Mandatory |

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| 48125 | Class Reg | Junior Drag Bike | | Racing Procedure | Performance Testing: AA/JDB Competitors must complete six runs between 8.00 and 8.50 seconds to the satisfaction of the officials at IHRA Australia sanctioned events to be eligible for competition in AA/JDB. NOTE: If competitor has competed in A/JDB for a period of 12 months, then NO performance testing is required. | Mandatory |
| 48130 | Class Reg | Junior Drag Bike | | Racing Procedure | Performance Testing: A/JDB Competitors must complete six runs between 8.50 and 9.50 seconds to the satisfaction of the officials at IHRA Australia sanctioned events to be eligible for competition in A/JDB | Mandatory |
| 48140 | Class Reg | Junior Drag Bike | | Racing Procedure | Performance Testing: B/JDB Competitors must complete six runs representative of the class to the satisfaction of the officials at IHRA Australia sanctioned events to be eligible for competition in B/JDB. These runs must be individually noted on the appropriate licencing forms and may be run at a combination of events at multiple tracks | Mandatory |
| 48145 | Class Reg | Junior Drag Bike | | Racing Procedure | Upon the driver turning 18 years of age, any further racing is forbidden. With the exception of a driver who is currently participating in a National or Divisional Series, they can continue to compete until the end of that current series. | Allowed |
| 48146 | Class Reg | Junior Drag Bike | Burnout | Racing Procedure | Effective immediately, side to side burnouts are strictly prohibited, for clarity, this includes leaning the bike over from side to side during the burnout. | Mandatory |
| 481457 | Class Reg | Junior Drag Bike | Burnout | Racing procedure | All burnouts must be performed in a straight, controlled line only. (excessively long static burnouts will not be tolerated). | Mandatory |
| 48148 | Class Reg | Junior Drag Bike | Handlebars | Racing Procedure | Effective immediately, all motorcycle riders must have both hands on the handlebars until they are completely off the racing surface, this includes the burnout procedure, staging, the run itself, and the shutdown area. Performing a burnout one-handed or removing a hand at any time before exiting the racing surface is strictly forbidden (NOTE: Hands may be removed from handlebars when operating switches, levers and helmet visors when the bike is stationary) | Mandatory |
| 48150 | Class Reg | Junior Drag Bike | Helmet | Safety | Helmet: Refer to IHRA Australia Helmet Matrix visit the IHRA Australia Website at: https://ihra.com.au/helmets.html | Mandatory |
| 48160 | Class Reg | Junior Drag Bike | Driver / Rider | Safety | Leathers, either one - or two - piece leathers visit the IHRA Australia Website at: https://ihra.com.au/protective-clothing.html | Mandatory |
| 48170 | Class Reg | Junior Drag Bike | Driver / Rider | Safety | Two - piece comprising jacket and pants: Jacket must overlap pants and provide full coverage. | Mandatory |
| 48180 | Class Reg | Junior Drag Bike | Driver / Rider | Safety | Leather motorcycle riding gloves with cuff or wrist closure. Gloves and jacket must overlap with NO skin visible. visit the IHRA Australia Website at: http://ihra.com.au/protective-clothing.html | Mandatory |

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| 48190 | Class Reg | Junior Drag Bike | Driver / Rider | Safety | Full leather boots extending at least 150mm from the base of the heel required as minimum. | Mandatory |
| 48200 | Class Reg | Junior Drag Bike | Driver / Rider | Safety | Back protectors: Riders must wear a commercially manufactured back protector. | Mandatory |
| 48210 | Class Reg | Junior Drag Bike | Driver / Rider | Towing | Junior Drag Bike competitors may ride or be towed from their pit area to the staging lanes and from the tracks collection area following a run by their parent / legal guardian or track official, with the assistance of a lead escort. Helmets must be worn during this process. | Mandatory |
| 48230 | Class Reg | Junior Drag Bike | | Racing Procedure | Self starting required | Mandatory |
| 48240 | Class Reg | Junior Drag Bike | | Racing Procedure | Push starts are prohibited. | forbidden |
| 48250 | Class Reg | Junior Drag Bike | vehicle | Credentials - driver/rider | Technical Inspection: Mandatory for all Junior Drag Bikes. | Mandatory |
| 48260 | Class Reg | Junior Drag Bike | vehicle | Log Book | IHRA Australia Log Book Required. | Mandatory |
| 48270 | Class Reg | Junior Drag Bike | | Racing Procedure | All junior competition to be completed by 10.00pm | Mandatory |
| 48280 | Class Reg | Junior Drag Bike | | Racing Procedure | Race distance 1/8 Mile. | Mandatory |
| 48290 | Class Reg | Junior Drag Bike | | Racing Procedure - Start | Full tree - dial your own index | Mandatory |
| 48300 | Class Reg | Junior Drag Bike | | Engine | Engine: OEM Engine for model used required. | Mandatory |
| 48310 | Class Reg | Junior Drag Bike | Cooling System | Engine-Coolant | Water Coolant: Non-glycol based and suitable for motorsport | Mandatory |
| 48320 | Class Reg | Junior Drag Bike | Cooling System | Engine-Coolant | Glycol and glycol-based coolant additives. | Forbidden |
| 48330 | Class Reg | Junior Drag Bike | Engine | Engine | Any internal modifications permitted | Allowed |
| 48340 | Class Reg | Junior Drag Bike | Engine | Ignition | Any ignition with the exception of external magneto. | Mandatory |
| 48350 | Class Reg | Junior Drag Bike | Engine | Ignition-Magneto | External magneto not permitted | Mandatory |
| 48360 | Class Reg | Junior Drag Bike | Engine | Exhaust | Silencer or muffler optional | Allowed |
| 48370 | Class Reg | Junior Drag Bike | Engine | Exhaust | Exhaust must exit to the rear of rider's footpegs | Mandatory |
| 48380 | Class Reg | Junior Drag Bike | Engine | Fuel | All classed restricted to petrol, ethanol or methanol | Mandatory |
| 48390 | Class Reg | Junior Drag Bike | Engine | Fuel Lines - Taps | Taps must be installed in fuel lines except on EFI-equipped bikes that are fitted with operating factory tip over sensor. | Mandatory |
| 48400 | Class Reg | Junior Drag Bike | Engine | EFI | If using EFI, throttle body choice is open. EFI may be replaced with carburettor. | Mandatory |
| 48410 | Class Reg | Junior Drag Bike | Engine | EFI | ECU: OEM ECU required where EFI is used but may be supplemented with aftermarket non-reactive controllers. | Mandatory |
| 48420 | Class Reg | Junior Drag Bike | Engine | Liquid overflow - catch can | Catch Can: Must be installed if the bike is capable of discharging liquid onto ground. Minimum 600ml. | Mandatory |
| 48430 | Class Reg | Junior Drag Bike | Body | Fairing and screen | Appearance: All bodywork must match frame model used. All machines must bear resemblance to original production machine. OEM or replica fairing and screen must be retained. OEM fuel tank for model is required. | Mandatory |
| 48440 | Class Reg | Junior Drag Bike | Body | Fairing and screen | Screens: Must be thin and flexible for safety reason | Mandatory |
| 48450 | Class Reg | Junior Drag Bike | Body | Mirrors and obstacles | Mirrors and other obstacles in the proximity of the rider must be removed | Mandatory |
| 48460 | Class Reg | Junior Drag Bike | Body | Tail light | Tail light must be fitted and operative | Mandatory |

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| 48470 | Class Reg | Junior Drag Bike | Body | Headlight | Headlight removal permitted | Allowed |
| 48480 | Class Reg | Junior Drag Bike | Body | Indicators | Indicators removal permitted | Allowed |
| 48490 | Class Reg | Junior Drag Bike | Body | Instruments | Instruments: Removal or replacement of existing instruments with aftermarket units. | Allowed |
| 48500 | Class Reg | Junior Drag Bike | Chassis/Frame | Ballast | Ballast NOT PERMITTED | Mandatory |
| 48510 | Class Reg | Junior Drag Bike | Chassis/Frame | Control - handlebars | Handlebars: All tubular handlebars must be plugged on ends | Mandatory |
| 48520 | Class Reg | Junior Drag Bike | Chassis/Frame | Throttle | Throttle: All bikes must have a self-returning twist grip throttle | Mandatory |
| 48530 | Class Reg | Junior Drag Bike | Chassis/Frame | Controls - ignition - kill switch | Kill Switch: Positive action ignition kill switch (not button) must be operable with both hands on handgrips. | Mandatory |
| 48540 | Class Reg | Junior Drag Bike | Chassis/Frame | Controls - ignition - kill switch | A Lanyard-type kill switch MUST be attached to the rider whilst in operation | Mandatory |
| 48550 | Class Reg | Junior Drag Bike | Chassis/Frame | Suspension - Forks | Steering damper permitted | Allowed |
| 48560 | Class Reg | Junior Drag Bike | Chassis/Frame | Control - handlebars | Handlebars: Clip-on bars permitted. Handle grips must be no more than 150mm (6 inches) in front or behind the fork stem with a minimum of 380mm (15 inches) width and no more than 300mm (12 inches) above the seat. | Mandatory |
| 48570 | Class Reg | Junior Drag Bike | Engine | Throttle - Stop | Throttle Stop: The use of throttle stop devices is not permitted. | Forbidden |
| 48580 | Class Reg | Junior Drag Bike | Electrical | Delay - devices | Delay devices: The use of delay devices is not permitted. | Forbidden |
| 48590 | Class Reg | Junior Drag Bike | Electrical | Clutch - management system | Two-step rev limiters: Clutch-activated rev limiters are not permitted | Forbidden |
| 48600 | Class Reg | Junior Drag Bike | Chassis/Frame | | Frame: Original OEM frame required. | Mandatory |
| 48610 | Class Reg | Junior Drag Bike | Chassis/Frame | Seat | Seat: Original seat base to be retained. Front half of the seat may be trimmed to a minimum thickness of 25mm (1 inch). | Mandatory |
| 48620 | Class Reg | Junior Drag Bike | Chassis/Frame | | No frame modifications permitted. | Forbidden |
| 48630 | Class Reg | Junior Drag Bike | Drivetrain | Driveline - cover | Chain Guard required. Stock chain guard may be retained. | Allowed |
| 48640 | Class Reg | Junior Drag Bike | Drivetrain | Driveline - cover | Lower Chain Guard: Toe Guard or "Shark Fin" required | Mandatory |
| 48650 | Class Reg | Junior Drag Bike | Drivetrain | Clutch | Clutch must be of a original type for engine used. | Mandatory |
| 48660 | Class Reg | Junior Drag Bike | Drivetrain | Clutch - springs and friction plates | Clutch springs and friction plates may be substituted. | Allowed |
| 48670 | Class Reg | Junior Drag Bike | Drivetrain | Clutch | Clutch centrifugal assistance is prohibited. | Forbidden |
| 48680 | Class Reg | Junior Drag Bike | Drivetrain | Clutch | No means of delaying clutch engagement is permitted. | Forbidden |
| 48690 | Class Reg | Junior Drag Bike | | Wheels | Wheels: Standard wheels for model used required as a minimum. Aftermarket wheels produced for motorcycles permitted. Minimum diameter 431.8mm (17 inches). | Mandatory |
| 48700 | Class Reg | Junior Drag Bike | | Wheels | Tyres: Treaded motorcycle road tyres and rounded profile road racing slicks with minimum tread depth of 1.6mm (1/16th inch). | Mandatory |
| 48710 | Class Reg | Junior Drag Bike | | Wheels | Tyres: Slicks and Tyres marked "NOT FOR HIGHWAY USE" prohibited. | Mandatory |

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| 48720 | Class Reg | Junior Drag Bike | Drivetrain | Transmission | Gear Shifting: Each individual shift must be controlled manually by the rider's foot. | Mandatory |
| 48730 | Class Reg | Junior Drag Bike | Drivetrain | Transmission | Gear Shifting: Ignition/fuel interruption to facilitate gear change permitted. | Allowed |
| 48740 | Class Reg | Junior Drag Bike | Drivetrain | Transmission | Ratio: Any final drive ratio permitted. | Allowed |
| 48750 | Class Reg | Junior Drag Bike | Drivetrain | Transmission | Gear Shifting: Air or electric gear change devices prohibited. | Forbidden |
| 48760 | Class Reg | Junior Drag Bike | Drivetrain | Transmission | Gear Shifting: Automated shifters and / or timer type shifting devices prohibited. | Forbidden |
| 48770 | Class Reg | Junior Drag Bike | | Brakes | Brakes: OEM brakes or model used as a minimum | Allowed |
| 48780 | Class Reg | Junior Drag Bike | chassis/Frame | Suspension | Suspension: Stock operating suspension and steering for model used required. Suspension must retain a minimum of 25mm (1 inch) downward travel front and rear. | Mandatory |
| 48790 | Class Reg | Junior Drag Bike | chassis/Frame | Suspension | Ride Height: Lowering permitted. Motorcycles must have a minimum of 50mm (2") ground clearance measured with the rider and relevant equipment in place and 15 psi in the rear tyre. | Mandatory |
| 48800 | Class Reg | Junior Drag Bike | chassis/Frame | Suspension | Suspension: External straps or devices used to limit the downward travel of forks permitted but must be recognizable as fit for purpose. | Mandatory |
| 48810 | Class Reg | Junior Drag Bike | chassis/Frame | Suspension - Swing Arm | Swing Arm: Swing arm may be extended or replaced with aftermarket item to a maximum of 100mm (4") longer than stock. Onus of proof on entrant. Bracing to be designed to limit torsional forces. | Mandatory |
| 48820 | Class Reg | Junior Drag Bike | chassis/Frame | Wheelie bars | Wheelie Bars: Permitted but are required upon testing, to be capable of supporting the weight of the bike with the rider in position. | Mandatory |
| 48830 | Class Reg | Junior Drag Bike | chassis/Frame | Suspension - Swing Arm | Swing Arm: Bolt-on swing arm extensions prohibited. | Forbidden |