



PRO RADIAL

CLASS REGULATIONS

Effective 16th May 2023

Heads up, Pro Tree drag racing. First to finish wins!

Big Power on a small radial tyre (max size 315/60/15 Radial or 29.5x10.5 Pro Bracket Radial)

Racing Distance 200 metres (1/8 mile)

Production based cars (up to ¾ chassis)

Variety of power adders with 4, 6 and 8 cylinder engines

Weight breaks in place to keep parity between different power adders.

All competitors must comply to all Safety and General Regulations

Pro Radial Licence Required - Medical Required (valid for 3 years if under 50, otherwise 2 years)

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

35000	Class Reg	Pro Radial	Body	Body	Sedan, Station Wagon,Coupe style bodys allowed,must have a minimum of 2 opening doors.	Mandatory
35010	Class Reg	Pro Radial		Format	This is a 1/8th mile heads up category running on a .400 Pro Tree with a Pro ladder, Racing Chicago Shootout style.	Mandatory
35020	Class Reg	Pro Radial		Safety	All IHRA Australia and local track safety rules apply for car and driver, including the use of an oil retention device and/or engine diaper is MANDATORY.	Mandatory
35030	Class Reg	Pro Radial		Body	The car must retain its original appearance, profiles and dimensions.	Mandatory
35040	Class Reg	Pro Radial		Body	Any beam tripping devices forward of the bumper are prohibited.	Mandatory
35050	Class Reg	Pro Radial		Body	Aftermarket wings and spoilers are permitted.	Mandatory
35060	Class Reg	Pro Radial	Body	Body	A hood must be used; scoop or hood must cover entire induction system.	Mandatory
35070	Class Reg	Pro Radial	Body	Body	Forward facing hood scoops/turbocharger/supercharger inlets are permitted. – OEM/Lexan windows are permitted.	Mandatory
35080	Class Reg	Pro Radial	Chassis/Frame	Chassis	Back half style cars are permitted (Must have stock front frame rails that the suspension and cross member anchor too)	Mandatory
35090	Class Reg	Pro Radial	Chassis/Frame	Chassis	Full Tube Chassis style cars are prohibited.	Mandatory
35100	Class Reg	Pro Radial	Chassis/Frame	Chassis	Factory wheelbase must be maintained, (+ or – 1 inch).	Mandatory

35110	Class Reg	Pro Radial	Chassis/Frame	Chassis	Front Ends with bolt in cross members may be fabricated and must be of similar design to standard and bolt into factory mounting points.	Mandatory
35120	Class Reg	Pro Radial	Chassis/Frame	Chassis	Fabricated control arms permitted.	Mandatory
35130	Class Reg	Pro Radial	Chassis/Frame	Chassis	Steering rack conversions are permitted.	Mandatory
35140	Class Reg	Pro Radial	Engine	Engine/Power Adders	No cubic inch limit.	Mandatory
35150	Class Reg	Pro Radial	Engine	Engine/Power Adders	Single turbochargers are limited to 118mm maximum, small block and big block.	Mandatory
35160	Class Reg	Pro Radial	Engine	Engine/Power Adders	Max size on all twin turbocharged combos without penalty is 88mm, small block and big block. (Reducers allowed)	Mandatory
35170	Class Reg	Pro Radial	Engine	Engine/Power Adders	Turbos are to be a shelf stock style unit (example – “Precision Promod 94”)	Mandatory
35180	Class Reg	Pro Radial	Engine	Engine/Power Adders	Max size on all twin centrifugal supercharged combos is F2.	Mandatory
35190	Class Reg	Pro Radial	Engine	Engine/Power Adders	Single centrifugal supercharger limited to F3-139mm maximum, small block and big block.	Mandatory
35200	Class Reg	Pro Radial	Engine	Engine/Power Adders	Roots superchargers are restricted to 14-71mm maximum.	Mandatory
35210	Class Reg	Pro Radial	Engine	Engine/Power Adders	Screw superchargers limited to D Rotor maximum.	Mandatory
35220	Class Reg	Pro Radial	Engine	Engine/Power Adders	Dual power adders are permitted on 4cyl and 6cyl entries only.	Mandatory
35230	Class Reg	Pro Radial	Engine	Exhaust	Exhaust (including wastegate) may exit underneath car or out the fenders/valance but must not affect timing or staging beams.	Mandatory
35240	Class Reg	Pro Radial	Engine	CO2 System and Line	The first TWO feet (minimum) of the line coming from the CO2 bottle must be 1/4” plastic line with push-locks.	Mandatory
35250	Class Reg	Pro Radial	Engine	CO2 System and Line	No braided steel lines direct from the CO2 bottle. Braided steel line may be used after the first two feet of plastic/push-lock line to protect the line running through the firewall and/or around exhaust system.	Mandatory
35260	Class Reg	Pro Radial	Drivetrain	Transmission	Any transmission permitted.	Mandatory
35270	Class Reg	Pro Radial	Drivetrain	Transmission	Any converter or clutch permitted.	Mandatory
35275	Class Reg	Pro Radial	Vehicle	Staging	Auto-Start System, one the three pre-staged lights have been activated the competitor has (7) seconds to enter full stage, if the competitor has failed to stage they will be automatically disqualified.	Mandatory
35280	Class Reg	Pro Radial	Fuel	Fuel	Gasoline, E85 or M1 only permitted. M5 is prohibited. No nitro methane or additives.	Mandatory
35290	Class Reg	Pro Radial	Tyres	Tyres	Any 315/60/15 Drag Radial or smaller.	Mandatory
35300	Class Reg	Pro Radial	Tyres	Tyres	Any Pro Bracket Radial 29.5/10.5/15 or smaller.	Mandatory
35310	Class Reg	Pro Radial	Tyres	Tyres	Must run the same tyre for the entire event.	Mandatory
35320	Class Reg	Pro Radial	Weightbreak	Weightbreak	All weights are minimum with driver in car.	Mandatory
35330	Class Reg	Pro Radial	Weightbreak	Weightbreak	SB Naturally Aspirated – No Minimum	Mandatory
35340	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Naturally Aspirated – No Minimum	Mandatory
35350	Class Reg	Pro Radial	Weightbreak	Weightbreak	SB Nitrous – 2,000 lbs.	Mandatory
35360	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Nitrous (4.840 Bore Space) – 2,450 lbs.	Mandatory

35370	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Nitrous (5.000 Bore Space) – 2,600 lbs.	Mandatory
35380	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Nitrous (5.000+ Bore Space) – 2,700 lbs.	Mandatory
35390	Class Reg	Pro Radial	Weightbreak	Weightbreak	Four Cylinder/Rotary Single Turbo – 2,400 lbs.	Mandatory
35400	Class Reg	Pro Radial	Weightbreak	Weightbreak	Six Cylinder Single Turbo – 2,600 lbs.	Mandatory
35410	Class Reg	Pro Radial	Weightbreak	Weightbreak	Six Cylinder Twin Turbo – 2,600 lbs.	Mandatory
35420	Class Reg	Pro Radial	Weightbreak	Weightbreak	SB Single Turbo – 2,600 lbs.	Mandatory
35430	Class Reg	Pro Radial	Weightbreak	Weightbreak	SB Twin Turbo – 2,800 lbs.	Mandatory
35440	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Single Turbo – 2,850 lbs.	Mandatory
35450	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Twin Turbo – 3,000 lbs.	Mandatory
35460	Class Reg	Pro Radial	Weightbreak	Weightbreak	SB Roots Supercharger – 2,500 lbs.	Mandatory
35470	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Roots Supercharger – 2,800 lbs.	Mandatory
35480	Class Reg	Pro Radial	Weightbreak	Weightbreak	SB Screw Supercharger (D Rotor Max) – 2,800 lbs.	Mandatory
35490	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Screw Supercharger (D Rotor Max) – 3,000 lbs.	Mandatory
35500	Class Reg	Pro Radial	Weightbreak	Weightbreak	SB Single Centrifugal Supercharger – 2,600 lbs.	Mandatory
35510	Class Reg	Pro Radial	Weightbreak	Weightbreak	SB Twin Centrifugal Superchargers – 2,800 lbs.	Mandatory
35520	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Single Centrifugal Supercharger – 2,850 lbs.	Mandatory
35530	Class Reg	Pro Radial	Weightbreak	Weightbreak	BB Twin Centrifugal Superchargers – 3,000 lbs.	Mandatory
35540	Class Reg	Pro Radial	Weightbreak	Weight Additions	plus 100 lbs. Billet HEMI or 481X	Mandatory
35550	Class Reg	Pro Radial	Weightbreak	Weight Additions	plus 100 lbs. "Hemispherical Headed" BBC or BBF	Mandatory
35560	Class Reg	Pro Radial	Weightbreak	Weight Additions	plus 100 lbs. SB & BB twin turbos larger than 88mm no larger than 98mm	Mandatory
35570	Class Reg	Pro Radial	Weightbreak	Weight Additions	plus 50 lbs. Wheelie Bars	Mandatory
35580	Class Reg	Pro Radial	Weightbreak	Weight Reductions	minus 50 lbs. SB single turbo smaller than 87mm	Mandatory
35590	Class Reg	Pro Radial	Weightbreak	Weight Reductions	minus 50 lbs. SB twin turbo combos smaller than 64mm	Mandatory
35600	Class Reg	Pro Radial	Weightbreak	Weight Reductions	minus 50 lbs. 275/60/15 tyre or smaller (must be on for the whole meeting and does not include the "pro bracket radial" in any size	Mandatory