

## Specifications

<b>18.1 Class:</b>	<b>Pancar</b>
<b>APPEARANCE:</b>	To resemble a speedway dirt late model Super Sedan.
<b>ENGINE:</b>	<p>Maximum 25.9 cc, 2-stroke.</p> <p>Normally aspirated.</p> <p>Non-standard carburettor (without performance enhancing modifications) permitted.</p> <p>Carburettor intake manifold may be modified to accept a non-standard carburettor.</p> <p>A ½" maximum thick block may be fitted between the carburettor manifold and the carburettor to allow the carburettor to be rotated to connect throttle linkages.</p> <p>Non-standard air cleaner permitted.</p> <p>Non-standard exhaust system permitted.</p> <p>Exhaust system to be enclosed inside the body of the car.</p> <p>Non-standard ignition module permitted.</p> <p>Recoil starter to be fitted.</p> <p>Engine kill switch to be fitted.</p> <p>Position of the engine kill switch to be indicated by a blue triangle on the body of the car.</p>
<b>ELIGIBLE ENGINES: and Modifications</b>	<p>Zenoah models G2D70 and G230RC only.</p> <p>To comply with the manufacturer's specification except for changes permitted under these rules e.g. non-standard carburettor.</p>
Homologation new engines:	<p>Requests to homologate other brands (or models) of engines in this class shall be submitted in writing to the Australian Quarter Scale Speedway Association (AQSSA) for its approval.</p> <p>Submissions to the AQSSA shall include the manufacturer's engine specifications.</p>
<b>NOISE LEVEL:</b>	Shall not exceed 95dBA measured from a point approximately 30 feet from the car, at a height of approximately 3 feet; using a measuring device approved by the AQSSA.
<b>CLUTCH:</b>	Mandatory and operational.
<b>BRAKES:</b>	Mandatory and operational.
<b>DIMENSIONS:</b>	
Car Length:	48" maximum, including rear wing or spoiler.
Car Width:	20" maximum, to outside of the tyre.
Car Height:	13½" maximum.
Wheelbase:	24" to 26".
Rim Diameter:	4½" maximum.
Front Tyre:	6" maximum outside diameter x 3" wide maximum

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Rear Tyre:	7" maximum outside diameter x 4" wide maximum
Tyre Protrudence:	Tyres shall protrude no more than 3/8" past the car body when measured with the wheels set parallel to the car body.
<b>WING/SPOILER:</b>	No higher than roofline.
Side Dams:	No higher than roofline.
<b>CHASSIS:</b>	Metal construction.
<b>WEIGHT:</b>	No restrictions applicable.
<b>DRIVE SYSTEM:</b>	2-wheel, live rear axle drive ONLY, fitted with: - chain or belt drive, or - gear drive.  Multi-speed gearbox not permitted. Quick-change differential not permitted.
<b>FRONT AXLE:</b>	Beam axle only.
<b>SUSPENSION:</b>	No suspension permitted.
<b>FUEL TANK:</b>	Securely mounted within the body of the car and constructed of leak-proof material.
<b>FUEL:</b>	Petrol only (e.g. super, unleaded, leaded) with an oil additive. Methanol, Nitro or AV Gas not permitted.
<b>RACE NUMBERS:</b>	Numbers to be shown on both sides and roof of the car and contrast with the colour of the car's body.
Size of side numbers:	Individual numbers to be a minimum 4" high x 2¾" wide.
Size of roof numbers:	Individual numbers to be a minimum 6¼" high x 4" wide.  Numbers to be in a legible condition when the car enters the track to practice or compete.  Numbers to be preceded with a state identifier: N = NSW, Q = Qld; V = Vic; S = South Aust; NT = Northern Territory; T = Tasmania; W = West Aust; A = ACT.

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