



# SEDAN UPDATE



www.speedwaysedans.com

July 2018

## 2018/19 National Titles

Junior Sedans – Maryborough Speedway QLD  
Friday/Saturday/Sunday – 11/12/13 January 2019

Street Stocks – Timmis Speedway, Mildura VIC  
Friday/Saturday/Sunday – 8/9/10 March 2019

Super Sedans – Heartland Raceway, Moama VIC  
Thursday/Friday/Saturday – 18/19/20 April 2019

Modified Sedans – Kingaroy Speedway QLD  
Thursday/Friday/Saturday – 25/26/27 April 2019

Production Sedans – to be confirmed

## Infringement Card No Longer Required

Speedway Sedans Australia Infringement cards will no longer be a requirement for SSA competitors from the 1<sup>st</sup> July 2018.

Collectively and now with all SSA state associations on board, Speedway Sedans Australia in the continuation of streamlining a number of areas, processes and procedures have announced the withdrawal of the SSA Infringement Card from this applicable date.

Therefore as we move towards a new season, the appropriate changes will be applied to the respective state registration forms along with the required adjustments to all associated registration fees, as required for competition of a car in all SSA Classes.

A Speedway Australia License will continue to be a requirement whilst competing and for practice in all Speedway Sedans Australia classes.

Updated Speedway Australia Racing Rules and Regulations released this week effective July 2018.  
<https://www.speedwayaustralia.org/media.ashx/speedway-australia-rulebook-dec-2017.pdf>

All technical items mentioned in this newsletter can be found in the current updated Specification Books and Class Technical Manual as uploaded to  
<http://www.speedwaysedans.com/technical-specs.asp>

Reminder to all car owners that it is a requirement to ensure that pages 2-5 inclusive are fully completed prior to your first use of your log book.

Junior Sedans must NOT be driven by senior licence holders at any time. Including Practice days!!

When to use your SSA log book – only when racing in an SSA division at a SSA sanctioned race meeting.

Looking to build a car not listed – there is a dedicated form to complete - contact [technical@speedwaysedans.com](mailto:technical@speedwaysedans.com) for a form to be forwarded to you.

Work Orders – maximum work order at ANY race meeting, both state and national, to be 7 days. Only applicable for non-safety and non-performance items.

Seat belt anchor bolts to be 10mm minimum high tensile steel.

Window nets to be SFI 27.1 compliant and be in good condition – All Divisions.

40mm steel washers required to be used on seat mounting – washers must be 40mm steel.

2 more approved mounting methods for Seat Belts have been included:

- ✘ Wrap Around method – seat belt MUST be mounted so that the belt cannot slide along the mounting bar.
- ✘ Flat Trapezoid tag – minimum 55x35x25mm x 5mm – to be welded on both sides of the longest side.



Reminder to read the Class Technical Manual in conjunction with the specification books for Street Stocks/Production Sedans/Junior Sedans/Modified Sedans and National 4's.

<http://www.speedwaysedans.com/images/Docs/SSA%20Class%20Technical%20Manual%20July%202018%20Online%20V5.pdf>



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Mounting of purpose/proprietary seats – if the seat to be used cannot be mounted as per the specification then the seat is not able to be used – seat must not be altered.

Replacing Broken / Lost Seal – other existing seals must be in place and intact on the engine to ensure no engine work has been undertaken since seals were fitted. Contact your local engine sealer.

## Street Stocks/Production Sedans

New model accepted - As of 01/07/18 VF Commodore is now an accepted model for use - Wheelbase/Front Track/Rear Track can be found in the relevant specification books.

Street Stocks - Fibreglass replica bumper bars are now accepted for use.

Street Stocks – now accepted – EL Falcon straight valve spring replacement kit from Crow Cams part number 7739-12 be permitted on AU Falcon heads.

## Street Stocks – Page 15 Engine 4.1 n) –

Standard air box for make or pod filter to be used.

- OEM air box and air flow meter may be in the cabin or moved under the bonnet
- Air box inlet to be shrouded from the driver in the cabin
- Air box must be under the bonnet with passenger in the car
- All pod filters are to be under the bonnet and may be fitted to the throttle body

## Street Stocks – Page 19 Section 10 Suspension

The use of front and rear aftermarket caster and camber kits are permitted for model of car. To be fitted without any modification.

Street Stocks – Page 19 Section 11 Wheel Track  
Original track plus 15mm maximum is allowed.

## Street Stocks

Page 14 – Section 4 – Engine 4.1 d)

All standard sensors must be fitted and be operating including fuel pressure regulator except oxygen, coolant and knock sensors.

## Street Stocks

Page 20 – Section 13 – Wheels b)

Maximum rim diameter 16" for all cars. A combination of rim diameters may be used.

Section 16 FUEL – has been completely re-worded - refer to individual specification books.

## Street Stocks -

<http://www.speedwaysedans.com/272-street-stock-specification-book.asp>

## Production Sedans –

<http://www.speedwaysedans.com/304-production-sedan-specification-book.asp>

## Junior Sedans -

<http://www.speedwaysedans.com/325-junior-sedan-specification-manual.asp>

## Modified Sedans -

<http://www.speedwaysedans.com/273-modified-production-specification-book.asp>

## Street Stock/Production Sedans/Modified Sedans

The practice of using a k-frame from a Ford Territory in these divisions is not allowed. K-Frame to be from make/model car being used.

## Production Sedans / Modified Sedans

Page 3 – Section 1 h)

Method to measure where to cut rear quarter panel in the boot area – is when the car is at ride height.

## BALLAST

The whole section for the use of Ballast has been rewritten. Please refer to individual specification books for the exact information.

## Production Sedans -

<http://www.speedwaysedans.com/304-production-sedan-specification-book.asp>

## Modified Sedans -

<http://www.speedwaysedans.com/273-modified-production-specification-book.asp>

## National 4's -

<http://www.speedwaysedans.com/326-national-4s-specification-manual.asp>

## Super Sedans -

<http://www.speedwaysedans.com/323-super-sedan-specification-manual.asp>

## All Divisions with a Fuel Tank Protection Bar

Fuel Tank Protection Bar must be a minimum 38x3mm CHS OD with 25x3mm CHS OD MINIMUM angled brace bars fitted.



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## All Divisions

Foot Protection Bars must be braced to substantial barwork to the left as per the specification.

Plating of Foot Protection Bar is required – can be bolted in on the outside of the bar or welded in on the inside of the bar. If being welded - it must be fully welded ensuring that the plate overlaps the foot protection bar.

## All Divisions

All Radiator Pipes and hose connections must be fully lagged in the cabin area. Lagging is required on ALL types of materials used for radiator pipes and hose connections. Lagging must be a solid material with no slots/holes/gaps.

## All Divisions

### Rub Rail Mounting

It is important that rub rails are mounted securely against the body at a minimum of 4 points with a minimum of 8mm bolts at each end no further than 50mm from the ends.

Inner rub rail must be returned to roll cage / bar work at each end and securely attached.

## Super Sedans

### Section 26 - Battery and Electrical System

One only battery is permitted to be used.

## Super Sedans

Section 22 – Body Shape, Dimensions and Body Fitment – following has been added

### Rear Quarter Panel

The rear quarter panel shall have 50mm minimum curvature from side to side and top to bottom. No flat panels allowed.

The measurement U in the attached table refers to the measurement from the top of the deck panel to the lowest point of the rear quarter panel at a point directly behind the rear wheel. This measurement is 720mm. The measurement V in the attached table refers to the measurement from the top of the deck to the lowest point of the rear quarter panel where it attaches to the plastic tail panel. The measurement is a maximum of 620mm or the point of contact with the plastic tail whichever is the lesser.

The only exception is when a competitor chooses to run a complete commodore, falcon, Monaro etc

body. In that case, the original (or replica) plastic panels as supplied by the manufacturer may be used.

## Super Sedans

Section 22 – Body Shape, Dimensions and Body Fitment

### Plastic Tail Panel

The plastic tail panel shall be no wider than 1700mm. No proprietary plastic tail panel shall be widened by the addition of inserts along its length. The depth of the proprietary plastic tail shall not be increased or decreased.

## National 4's

There have been 5 new vehicle specifications added to the specification manual. Please refer to the specification manual for the information.

<http://www.speedwaysedans.com/326-national-4s-specification-manual.asp>

1970-73 Datsun 1200

1990-94 Nissan Pulsar N14

Nissan Pulsar N13

Nissan Pulsar N15

1989-91 Mazda RX7 Series 5 – only to use a Mazda 4 cylinder engine as no rotary engine is allowed.

## Production Sedans

Page 13 – Section 4 – Engine

This section has been completely replaced - refer to the specification manual for full details.

<http://www.speedwaysedans.com/304-production-sedan-specification-book.asp>

## Production Sedans

Page 21 – Section 8 – Transmission/Driveline – refer to the specification manual for full details.

<http://www.speedwaysedans.com/304-production-sedan-specification-book.asp>

## Production Sedans

Page 22 – Section 10 – Suspension

This section has been completely replaced - refer to the specification manual for full details.

<http://www.speedwaysedans.com/304-production-sedan-specification-book.asp>



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## Production Sedans

There have been 2 new vehicle specifications added to the specification manual. Please refer to the specification manual for the information.

<http://www.speedwaysedans.com/304-production-sedan-specification-book.asp>

2005-2008 Mitsubishi DB 380

1970 VG Chrysler Valiant

## Production Sedans/Modified Sedans

Page 1 Section 1 a) 'Race car is to use an original, complete, metal body with the suspension mounting points in original position and being used'.

Removal of any body metal is only allowed rearward and forward of suspension mounting points and as specifically noted in the specification manuals.

## Modified Sedans

Page 14 – Section 4 – Engine 4.1 EFI i)

Inlet manifold to remain of OEM structure and appearance in all areas externally.

- (i) Internal modifications are permitted.
- (ii) All fabrication through and involving any machining and/or welding must allow the manifold being used to retain its OEM structure and appearance with the exception of an additional hole (19mm maximum) for the fitment of a sensor and the welding/filling of vacuum and water fittings no longer in use.
- (iii) Spacer/adaptor between head and inlet manifold or in any area of the inlet manifold not permitted.
- (iv) An additional exception to this ruling is for the SSA Inc approved Manifold for a Nissan 300ZX.

## Modified Sedans

Page 15 – Section 4 – Engine 4.2 Carburettor i)

Inlet manifold to remain of OEM structure and appearance in all areas externally.

- (i) Internal modifications are permitted.
- (ii) All fabrication through and involving any machining and/or welding must allow the manifold being used to retain its OEM structure and appearance with the exception of an additional hole (19mm maximum) for the fitment of a sensor and the welding/filling of vacuum and water fittings no longer in use.
- (iii) Spacer/adaptor between head and inlet manifold or in any area of the inlet manifold not

permitted. Exception being the use of an adaptor block for the fitment of a 350 Holley.

## Junior Sedans

Reminder that radiators can be either in the engine bay of the car or in the cabin area. If in the cabin area must be no further back than rear firewall and no further forward than main roll cage hoop – as per specification.

## Junior Sedans

Page 22 - Section 9 – Steering

Effective – 1<sup>st</sup> July 2019

Quick release steering wheel is compulsory.

## Junior Sedans

Page 29 – Table 4 – ECU's

2 Additional ECU's have been approved for use in Daihatsu Charades

1.3 litre Charade 89661-87744

1.5 litre Charade 89661-87735

## Junior Sedans

Page 16 – Section 4 – 4.1.1 p)

Engine oil pick up gauze may be replaced with larger size (not so fine) gauze.

## Junior Sedans

Page 5 – Section 1 Body/Rolling Shell v)

Cars with steering boxes only may run the sub-frame brace bars on the outside of the chassis rather than inside or on top, maximum of 39x3mm CHS or 50x25x3mm RHS are to be used. Refer to Fig 2 (iii)

## Junior Sedans

Page 4 – Section 1 Body/Rolling Shell l)

If rusted body material has been removed from the boot area it must be replaced with 1.6mm steel. No cutting out of boot floor other than for fuel tank allowances.

**Contact your State Divisions CTAC Representative or your State Technical Representative for further information.**

## SPEEDWAY SEDANS AUSTRALIA CONTACT DETAILS

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