



ASC SPEEDWAY SEDANS  
AUSTRALIA INC.  
ABN 14 329 758 680

# SEDAN UPDATE



www.speedwaysedans.com

August 2017

## SEASON 2017/18 NATIONAL TITLES

### **STREET STOCKS**

Adelaide SA  
15/16/17 February 2018

### **JUNIOR SEDANS**

Darwin NT  
28/29/30 June 2018

### **PRODUCTION SEDANS**

Maryborough QLD  
13/14/15 April 2018

### **SUPER SEDANS**

Sydney NSW  
1/2/3 March 2018

### **MODIFIED SEDANS**

Horsham VIC  
30/31 March & 1 April 2018

Recently the Speedway Australia annual forum and award night was held in Melbourne. Speedway Sedans Australia congratulates all winners of the awards. Special mention goes to the following Sedan award winners.

**Innovation of the Year 2017 –**  
*Speedway Sedans Live*

**Most Improved Track –**  
*Kingaroy Speedway Qld*

**Overall Competitor for 2017 – Callum Harper**

**Junior Competitor for 2017 – Angus Hollis**

**Track of the Year for 2017 –**  
*Warrnambool Vic*

**Hall of Fame Inductee – Allan Butcher Qld**

*Congratulations*

### **Officials Registration Update**

In the 2016/17 season Speedway Sedan Australia introduced its own Officials Registration card system to identify those Stewards and Scrutineers who are approved to officiate to carry out duties for SSA Sedan divisions. This has proven to be successful. To follow on from this upgrade the system is being further fine-tuned. As Officials registrations expire and personnel apply to renew, through their State Office, all Stewards and Scrutineers will be issued with an Officials card which will be current for 3 years. It is the responsibility of the Official to maintain their requirements during this 3 year period of time.

Requirements to be a Registered Official – must at all times hold a current

\*Speedway Australia Officials licence card or higher

\*Working with Children Clearance

\* Accreditation Attendance

### **TECHNICAL BRIEFS.....**

**Specifications and measurements** for all cars and mono divisions are researched from [www.automobile-catalog.com](http://www.automobile-catalog.com)

**Introduction of VF Commodore** Street Stocks and Production Sedans will not be able to use the VF Commodore until 1<sup>st</sup> July 2018

**Production Sedans – VF** Commodore panels can NOT be used on VE Commodores until 1<sup>st</sup> July 2018

**Street Stock & Production Sedans** OEM Rocker Covers must be used

**Wheel track measurements –** Include the allowance for the appropriate division and the SSA Track Measuring Gauge allowance

**Roll Cages being transferred** to a new car (different model) must fully comply with the current roll cage specification

### **STREET STOCK....effective 01/08/17**

**Section 6 Exhaust System Item g)** to read – EFI cars to run standard size exhaust pipe; 4lt Falcon – maximum 63.5mm. V6 Commodore may have two pipes maximum 51mm each. Must be fitted beyond rear of driver's seat; then free from there.

Also added in Section 4.1 Engine EFI Configuration Item c)

### **SPECIFICATION BOOK UPDATE –**

Specification Books have been updated to incorporate all updates made during the past year. Specification Books can be found on the website at [www.speedwaysedans.com](http://www.speedwaysedans.com) – click on the Tech Specs tab at the top of the website home page.

### **UPDATED SPEEDWAY AUSTRALIA RACING RULES & REGULATIONS**

Effective 01/08/17 is the new Speedway Racing Rules & Regulations ..... A lot of work has been put into this year's bi-annual update by all racing divisions. The aim is to ensure that all competitors are better informed as to their rights and responsibilities and those of the tracks that you are competing at week to week. This year in a cost saving initiative the Racing Rules Book will only be available as an E-document – online through the Speedway Australia website <https://www.speedwayaustralia.org/media.ashx/speedway-australia-rulebook-2017.pdf> and Speedway Sedans Australia website - [www.speedwaysedans.com](http://www.speedwaysedans.com)



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## One Day Licences / Infringement Cards

Since 1.11.16 the One Day Infringement Card has been issued as part of the online application with Speedway Australia for a One Day Licence. This has streamlined the system with great benefits to all SSA competitors. Note – for those who are already the holder of a Speedway Australia licence a One Day Infringement Card is available through your normal state licencing office.

## CTAC – Class Technical Advisory Committee

At the recent SSA Board Meeting the CTAC Chairpersons were appointed for the next two years.  
Super Sedans – Ron Bergmeier (new)  
Modified Sedans – Peter Theyer (re-appointed)  
Production Sedans – Benny Taylor (new)  
Street Stocks – Peter Harris (re-appointed)  
Junior Sedans – Darren Sutton (re-appointed)  
National 4's – David Weir – (re-appointed)

How to contact? A full list of all CTAC appointed persons is available on the website on each division specification pages – [www.speedwaysedans.com](http://www.speedwaysedans.com)

## NATIONAL TECHNICAL COMMITTEE STATE REPS

Western Australia – Fab Martinelli  
Queensland – Doug Rigby  
New South Wales – Doc Bailey (new)  
Victoria – Colin Campton  
Tasmania – Noel Russell  
South Australia – Dave Helyar  
Northern Territory – Grant Harris

How to contact? A full list of all Technical Committee appointed persons is available on the website on each division specification pages – [www.speedwaysedans.com](http://www.speedwaysedans.com)

## ENGINE SEALING – all divisions – exception National 4's

**Reminder** – effective 01/07/17 – Engine ID tag (coloured) to be attached to timing cover seal using wire looped through engine seal.

**NOTE** – After your engine is sealed – it is the owner/driver responsibility to ensure that all seals remain intact and legible and the bolt on engine components comply with the class specification.

## ALL MONO DIVISIONS effective 01/07/17

**Section 2 Roll Cage #7 – NASCAR Bars** – the centre or the bottom NASCAR door bar may be run straight through from front wheel arch to rear wheel arch. Connection to the roll cage is by separate 38x3mm CHS turning to the roll cage main hoop and the front leg.

**Section 2 Roll Cage #12 – Foot Protection Bar** – If the front leg is more than 100mm behind the OEM door opening, a plate of 3mm steel or 5mm alloy, must be fitted to the foot protection bar hole and be completely filled. As per Fig 3 (iii)

**Section 2 Roll Cage #18 Dropper Bar** – dropper bar must be 38x3mm CHS when fitted.

**Class Technical Manual Section 11 SEAT BELTS** – Seat belt mountings to be relevant to position of seat – this is particularly important when moving a seat to suit the driver. Seat belt attachment tag to be 5mm minimum mild steel and fully welded.

**Class Technical Manual Section 17 SEAT** – Seat mount must be fully mounted to the roll cage with no attachment to the floor pan or any part of the body. Seat mount to be attached to the roll cage in a minimum of 3 points – preferably 4 points.

**SKID RAIL – INNER MOUNTING BAR** - The inner mounting bar, 25x25x3mm MS RHS minimum, to be returned to roll cage / bar work at each end.

**NASCAR ANTI SPEAR PLATES** - The anti-spear plate to be mounted to the outside of the NASCAR bars and overlap the edge of the NASCAR bar work.

**HEAD PLATE** – when choosing to mount steel head plate by the use of 25x3mm FMS strips – the strips must be full length on all 4 sides.



## SPEEDWAY SEDANS AUSTRALIA CONTACT DETAILS

National Office – [office@speedwaysedans.com](mailto:office@speedwaysedans.com)  
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Postal – P.O. Box 163, HOLDEN HILL SA 5088



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Updated Vehicle Dimensions...inclusive of over track allowance and SSA Measuring tool allowance

	Modified Sedans			Production Sedans			Street Stocks		
	W/Base	F/Track	R/Track	W/Base	F/Track	R/Track	W/Base	F/Track	R/Track
<b>HOLDEN</b>									
LJ Torana	2540	1591	1565	2540	1581	1555	2540	1521	1495
LH/LX Torana	2586	1675	1647	2586	1665	1637	2586	1605	1577
UC Torana	2586	1690	1657	2586	1680	1647	Not an approved model		
VB-VK Commodore	2668	1726	1692	2668	1716	1682	2668	1656	1622
VL Commodore	2668	1726	1708	2668	1716	1698	2668	1656	1638
VN Commodore	2731	1726	1753	2731	1716	1743	2731	1656	1683
VP Commodore	2730	1726	1753	2730	1716	1743	2730	1656	1683
VR-VS Commodore	2731	1766	1766	2731	1756	1756	2731	1696	1696
VT-VY Commodore	2788	1844	1862	2788	1834	1852	2788	1774	1792
VZ Commodore	2789	1844	1852	2789	1834	1842	2789	1774	1782
VE Commodore	2915	1877	1893	2915	1867	1883	2915	1807	1823
VF Commodore	2915	1867	1883	Not an approved model			Not an approved model		
<b>FORD</b>									
Telstar AX	2610	1775	1775	2610	1765	1765	Not an approved model		
TD Cortina	2578	1697	1697	2578	1687	1687	2578	1627	1627
TE-TF Cortina	2578	1701	1701	2578	1691	1691	2578	1631	1631
XD – XE Falcon	2818	1834	1802	2818	1824	1792	2818	1764	1732
XF Falcon	2829	1825	1800	2829	1815	1790	2829	1755	1730
EA Falcon	2794	1821	1808	2794	1811	1798	2794	1751	1738
EB-ED Falcon	2794	1829	1808	2794	1819	1798	2794	1759	1738
EF-EL Falcon	2791	1841	1822	2791	1831	1812	2791	1771	1752
AU Falcon	2793	1841	1822	2793	1831	1812	2793	1771	1752
BA-BF Falcon	2829	1828	1846	2829	1818	1836	2829	1758	1776
FG Falcon	2838	1858	1873	2838	1848	1863	2838	1788	1803
<b>MITSUBISHI</b>									
KB/KC Centura	2667	1675	1672	2667	1665	1662	2667	1605	1602
CL Valiant	2819	1756	1766	2819	1746	1756	2819	1686	1696
Magna TF	Not an approved model			Not an approved model			2722	1750	1740
Magna TH	Not an approved model			2722	1810	1800	Not an approved model		
Magna TJ	2722	1820	1810	2722	1810	1800	Not an approved model		
GE/GH Sigma	2515	1645	1623	2515	1635	1613	2515	1575	1553
GJ/GN Sigma	2530	1655	1625	2530	1645	1615	2530	1585	1555
<b>NISSAN</b>									
RB30 Skyline	2615	1685	1670	2615	1675	1660	2615	1615	1600
Nissan 300zx	2524	1771	1809	2524	1761	1799	Not an approved model		
<b>TOYOTA</b>									
Celica 82 onwards	Not an approved model			2500	1660	1650	Not an approved model		
Celica TA22	Not an approved model			2425	1545	1550	Not an approved model		
Aurion AT-X	2775	1850	1840	Not an approved model			Not an approved model		
<b>MAZDA</b>									
Mazda RX7	2425	1735	1735	Not an approved model			Not an approved model		
Mazda RX8	2700	1775	1780	Not an approved model			Not an approved model		
Mazda MX6	2610	1775	1775	Not an approved model			Not an approved model		
<b>BMW</b>									
E36	2700	1693	1706	Not an approved model			Not an approved model		



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## MODIFIED SEDANS...effective 01/07/17

### Section 4 ENGINE

All engine internal components are free for modification and upgrading and that the crankshaft stroke is as per OEM for the engine model. Crank shaft may be machined, be lightened, or billet aftermarket.

### Section 10 SUSPENSION

A Modified Sedan race car must use a complete metal body with the suspension mounting points/pivots in original position and being used. Front castor bar pivot point to be within the confines of the OEM rubber bush.

### TABLES

Acceptance of the use of Mazda RX8 using a 13b Rotary Injection normally aspirated engine from a 1989-1992 model Mazda RX7 to replace the Renesis 13b. Acceptance under the earlier model engine in a later model shell ruling.

### Removal of previously approved models from Tables 1, 2 & 4 as appropriate – due to lack of registrations.

TX Gemini	Mitsubishi Colt RB & RC
Toyota Celica	Toyota Corona
Ford Escort	Mazda R100, RX2, RX3, RX4, RX5
Holden Pre EH	Holden Camira
Capri V6	Laser/Meteor 1.5 litre
Valiant AP-VF	Valiant VG-CM (all versions)
Galant	Golf (all versions)
Datsun 1600	Datsun 240K
Pulsar 1.5 litre	Mini (all versions)
Mazda 323-80	Honda (all versions)

## NATIONAL 4's...effective 01/07/17

Section 13 WHEELS...c) – updated wording now reads...  
Bead locks allowed. If the outer bead lock ring does not have a raised rolled edge extending past the head of the bolt or the head of the bolts are not fully recessed into the outer ring then button socket head cap screws to be fitted.

## JUNIOR SEDANS...effective 01/07/17

Change to size of wall thickness for outside chassis rails and under skirt bar work from 1.6mm to maximum 2mm.

Rear bumper bars must extend the full width of the car – as per the drawing in the specification book.

## PRODUCTION SEDANS...effective 01/07/17

**Section 17 FUEL TANK AND FUEL SYSTEM....added to r)**  
Swirl pot or surge tank as part of the fuel system permitted.

- Must be mounted to substantial bar work, or securely mounted to body, forward of tank or cell
- Must be included within fuel tank protection requirements

### Section 13 WHEELS – f)

Wheel covers are permitted:

- If cover is to be used on a steel rim, attachment brackets must not be welded to outer section of rim, must have radius formed corners and must be MIG or TIG welded. Expandable attachment rings such as Weld Wheels part number WELP650-5314 are permitted.
- If cover is to be used on alloy or 'mag' rims, brackets must not be welded to outer section of rim, must have radius formed corners and must be TIG welded. The practice of using Bead lock ring with cover attachment included on the outer section rim is permitted but MUST be fully TIG welded to rim edge and be free of weld protrusions.
- Covers to be attached with Round Cap Head style bolts or 'DZUS' fasteners

### Section 14 TYRES....add to c)

Road race or targa type radials such as Yokohama Advan or equivalent are not permitted.

### Table 5 – DIMENSIONS

If using wheel covers, listed track measurements DO NOT include additional cover width.

### Removal of previously approved models from Tables 1,2 & 5 as appropriate – due to lack of registrations.

TX Gemini	Mitsubishi Colt RB & RC
Toyota Celica	Toyota Corona
Ford Escort	Holden Camira
Holden Pre EH	Laser/Meteor 1.5 litre
Capri V6	Valiant VG-CM (all versions)
Valiant AP-VF	Golf (all versions)
Galant	Datsun 240K
Datsun 1600	Mazda 323-80
Pulsar 1.5 litre	

*Thank you to all the volunteers who make our great sport of speedway happen every weekend at every track across Australia.*



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## **PRODUCTION SEDANS...effective 01/07/17**

### Section 4 ENGINE

#### 4 d) – updated wording

Engine changes permitted if of same make (Ford to Ford, Holden to Holden), type and configuration.

- Buick is not Holden
- Engine to be based on passenger car engine only
- Manufacturer markings on block to remain
- Holden Red 202 straight 6 may be replaced with Blue/Black 3.3 straight 6. (refer to Rule 4.1 or 4.2 for listed permitted modifications, whichever configuration is applicable)

#### 4 j) – Inlet manifold; updated wording – Except water gallery

4.1 d) – Size of throttle body; added wording – This means no machining, no welding, no extra vacuum ports, or drilling for sensors

4.1 j) – No high output heads; added wording – Port sizes and casting finish as for base model

4.1 l) – Standard Sensors; added wording – No adjustable fuel pressure regulators

4.1 q) – Camshaft; added wording – The use of adjustable lifters is permitted. Standard replacement push rods, standard length and 5/16" in diameter permitted.

4.1 r) – A standard engine; added wording – Offset boring of bearings and/or cylinders, offset grinding of crankshaft or angled facing of head to block surfaces are not permitted. Engine to be of standard stroke, con-rods and crankshaft to remain as OEM parts for the engine model; the fitting of other model, make or specially built cranks and/or con-rods not permitted. Standard replacement ARP con-rod bolts are acceptable.

4.1 s) – Sumps; added wording – Engine sump to be visually standard externally.

4.1 t) – Engine balancing; added wording – No forged pistons allowed. No flat top pistons permitted unless OEM in base model. E.g. Magna. No copper head gaskets permitted unless OEM.

## **HANDY HINT**



Do you know how to make easy access to the Technical Specifications or the Racing Rules from the website directly on the screen of your phone.

### **Iphone/Ipad Instructions**

1. Open up Safari and load a website....
2. At the bottom of the screen you will see an icon depicting an arrow that looks like it is trying to get away from a square....
3. Tap that arrow in a square – if you did it successfully you will have a few options....choose 'add to home screen'.....
4. You will be asked to choose a name for the home screen icon.

### **Android Instructions**

1. Launch Chrome for Android and open the website or web page you want to pin to your home screen...
2. Tap the menu button and tap 'add to home screen'....
3. You will be able to enter a name for the shortcut and then Chrome will add it to your homes screen.

## **Top 5 Faults identified at 2016/17 National Titles**

Super Sedans – Lift Bar Protection Plates, Holes in Firewall, Front Bumper not to spec, Rear Wing not to spec, Ballast to be marked

Modified Sedans – Foot protection bars not spec, Rear ¼ panels cut too far, Front suspension not to spec, Bumpers not to spec, Holes in Firewall

Production Sedans – Incorrect rocker covers, Suspension not to spec, Manifolds not to spec, roll cages not fully welded, window nets not to spec

Street Stock – Seats/seat belts not correctly mounted, non-return valve on fuel line not fitted, safety gear not compliant, engine ID seals not compliant, window nets not to spec

Junior Sedans – Carburettors not compliant, Holes in Firewalls, Bumpers not to spec, window net not to spec, scatter shield not to spec