



# SEDAN UPDATE



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One Team – One Outcome

July 2023 #2

## 2024 National Titles

Junior Sedans – Grafton Speedway NSW  
Thursday/Friday/Saturday – 18/19/20 January 2024

Street Stocks – Hamilton Speedway, VIC  
Friday/Saturday/Sunday – 8/9/10 March 2024

Super Sedans – Albany Speedway WA  
Friday/Saturday/Sunday – 1/2/3 March 2024

Modified Sedans – Carrick Speedway, TAS  
Friday/Saturday/Sunday – 29/30/31 March 2024

Production Sedans – Timmis Speedway, Mildura VIC  
Thursday/Friday/Saturday – 25/26/27 April 2024

All technical items mentioned in **Sedan Update** will be updated in the Specification Books and Class Technical Manual - [Click Here](#)

**REMINDER TO ENGINE SEALERS** – recording the seal and ID numbers is very important – sometimes it seems easy to take a short cut and not record the numbers fully – examples – if using seals in a sequence all digits need to be recorded each time – numbers that start with a '0' (zero) need to have the zero recorded as well.

**REMINDER – 1 JULY 2023** mandatory Head & Neck Devices for all SSA Classes.

### **ALL CLASSES - effective July 2023**

Sonic Testing – Section 2 and 2a  
Sonic testing to be performed only on straight section of tube. It is the owner's responsibility to remove paint/powder coating if required.

### **ALL CLASSES - effective July 2023**

Section 2 and 2a – HEAD PLATES  
All steel or aluminium head plates are to cover in full the opening above driver/passenger. To extend from roof hoop (bar #2) on the outside to the centre bar (bar #4), front roof hoop (bar #2), to main hoop (bar #1).

### **ALL CLASSES - effective July 2023**

Head plate to be mounted from above with 10 x 8mm diameter high tensile bolts with lock nuts/locking

devices fitted, 3 each side, 2 front and 2 rear. Heads of bolts to be downward. e.g., no protrusions.

### **ALL CLASSES - effective July 2023**

Anti Spear Plates – Section 2 and 2a – 3mm steel or 5mm alloy (NOT to be lightened by drilling)

- i) The anti-spear plates to be mounted to the outside of the NASCAR bars and overlap the edge of the NASCAR bar work.
- ii) Recommended 1/3 length between roll cage legs, to be fitted on the driver's side, from base of roll cage to top NASCAR bar, forward of the first vertical door dropper bar to the front leg of the roll cage.
- iii) If using 3mm steel, plate/plates to be fully stitch welded.
- iv) If using a single 5mm alloy plate, it must be bolted on using a minimum of 6 x 50x50x3mm (square) or 55x40x6mm (rectangular) mild steel plate tags/plates.
- v) If using 3 individual 5mm alloy plates, they must be bolted on using a minimum of 4 x 50x50x3mm (square) or 55x40x6mm (rectangular) mild steel tags/plates per piece.
- vi) Tags/Plates to be solid square or rectangular with one hole only for the mounting point.
- vii) All alloy plates must be bolted on using a minimum of 8mm or 5/16" high tensile bolts with no protrusions.

### **ALL CLASSES – effective July 2023**

RUB RAILS - General

- i) Rub Rails are to be either 25x25x3mm RHS mild steel or alternatively 50x12mm nylon or urethane. Nylon or urethane option will be attached as per option 1.
- ii) Rub rail to be attached to body and inner rub rail with a minimum of 4 evenly spaced attachment points.
- iii) Inner rub rail to be a minimum of 25x25x3mm RHS mild steel or 25x3mm CHS and both ends must return to bar work using a minimum of 3mm thick material. This applies whether an outer skid rail is used or not. Any barwork in the cabin area outside of the main roll cage be that forward or rearward of the roll cage that projects toward the door will be classed as inner skid rail.



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- iv) Rub rail attachments are to be of round head, cup head, cap screw type hardware and must be a minimum of 8mm.
- v) Attachment bolt heads must be external to outer rail wall and must insert horizontally through both outer rail and inner rail support, clamping together with door panel between the two rails.

## **ALL CLASSES - effective July 2023**

### Section 4 – Engines – General

If resilient engine mounts are used, the mount MUST be restrained with 6mm cable or chain, to be as short as possible.

## **ALL CLASSES - effective July 2023**

Section 13 Wheels – Wheel nuts/studs are not to protrude past the outer face of the wheel when measured from bead to bead.

## **ALL CLASSES - effective July 2023**

### Section 5 – Battery & Electrical System

Battery mounted within the cabin area to be held down by angle mild steel or aluminium frame MINIMUM 25x25x3mm both top and bottom. Regardless of the location the battery will be mounted with a minimum of 2 x 8mm bolts or rods.

## **ALL CLASSES - effective July 2023**

### Section 9 – Steering

Must be in good condition. All steering joints to have locking devices fitted. i.e., split pinned, lock nut etc.

## **ALL CLASSES - effective July 2023**

### Section 16 – Fuel

The use of cooling systems for fuel is NOT allowed. Refer to Section 17 Fuel Tank Fuel System h)

## **ALL CLASSES - effective July 2023**

### Section 17 – Fuel Tank & Fuel System

All fuel tanks may be covered/wrapped in insulation material product such as heat mat/wrap to deflect heat. This must be removable for inspection/ testing when requested.

## **ALL MONO SEDANS – effective July 2023**

Must maintain a full metal body – this means unless it is specifically mentioned as able to be removed - it must remain in place.

## **ALL MONO SEDANS - effective July 2023**

Inner roof turret header panels may be notched, ONLY where interference with the roof halo bar (Bar #2) occurs.

## **JUNIOR SEDANS – effective July 2023**

### Section 3 – Bumpers & External Barwork

Plastic bumpers can either be original for vehicle or one of similar size and profile made from the original materials or a fibreglass replica. Vehicles with plastic/fibreglass bumpers are not required to have slip/crush joints as listed.

## **STREET STOCKS – effective July 2023**

### Section 7 – Cooling –

Front radiator support panel may be removed down to top and front of inner skirts. If removed must be replaced with fabricated part using maximum 25mm RHS, CHS or Angle Mild Steel – maximum 1.6mm thick. All other steel components outside of this area of radiator support must remain. Replacement may be welded or bolted in. No other barwork under bonnet is allowed apart from bumper supports.

## **STREET STOCKS – effective July 2023**

### Section 17 Fuel

Fuel pump and filter/s need to be mounted as far forward as possible and mounted to the fuel tank cradle for protection.

## **STREET STOCKS – effective July 2023**

MD3 stock car noses will be accepted. Specific part number approved.

Camaro MD3651040K – for use on Holdens

Mustang MD3661040K – for use on Fords

## **PRODUCTION SEDANS – effective July 2023**

### Section 10 – Suspension

Adjustment to camber/castor which is OEM via shims at the unaltered bracket is acceptable.

## **PRODUCTION SEDANS – effective July 2023**

### Section 1 Body/Rolling Shell 1.1 General b)

Au Falcons CAN use BA Falcon fibreglass replacement panels. Must remain registered as an AU Falcon for body measurement purposes.



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## **PRODUCTION SEDANS – effective July 2023**

Section 1.8 a)

Replacement replica panels must be attached to monocoque body or substantial fabricated bracketry using rivets, bolts or dzus fasteners only. In all cases the body silhouette of the model of panels being used must remain. Refer to Section 1 Body/Rolling Shell, Section 1.1 General, b).

Cable ties and race tape may be used for race night repairs only.

## **PRODUCTION SEDANS – effective July 2023**

Section 1.8 Body Panels and Silhouette – the use of MD3 type/style side skirts is permitted. Materials allowable are plastic, Fibreglass, and aluminium (max 1.6mm thick). Side skirts must be moulded and resemble OEM version applicable. Side skirts are to be securely fastened. Side skirts are NOT to hang lower than the lowest part of the OEM sill. The use of fibreglass/plastic OEM sill panel covers is acceptable. Other aerodynamic aids are NOT permitted.

## **PRODUCTION SEDANS – effective July 2023**

Section 4.1C – Engines h) the overcutting of material when replacing valve seats is not to exceed 10mm from the rear of the valve seat. OEM machining is the only allowable exception.

## **PRODUCTION SEDANS – effective July 2023**

Section 4 – Engines 4.1C Cylinder Heads & Valve Train  
All cylinder heads are to be OEM for engine being used, refer to rule d) for exemptions.

d) 4.0 litre SOHC Ford engines may use ANY OEM or HTP 4.0 litre head, including Tickford. OEM casting numbers MUST remain on Head core and MUST be compliant to OEM port and chamber specification. i.e., COMPLETELY OEM. Refer to i) for further clarification.

## **PRODUCTION SEDANS – effective July 2023**

Section 4 – Engines 4.2C Cylinder Heads & Valve Train  
d) NON-OEM inlet and exhaust valves are permitted except for using TITANIUM parts.

## **PRODUCTION SEDANS – effective July 2023**

Section 10 Suspension – IRS Rear Axle #3 Lower Shock Mounting Rule a)

OEM mounts/pivots may be modified or altered to accept the fitment of a racing type (rod ended) shock. Maximum tolerance of 25mm overall for mounting purpose only. The OEM mounting points must be used and cannot be relocated. The practice of adding shock length via this practice is NOT acceptable.

## **PRODUCTION SEDANS – effective July 2023**

Section 10 – Shock Absorbers

Air shocks are NOT permitted, racing type or otherwise.

## **PRODUCTION SEDANS – effective July 2023**

Section 10 – Shock Absorbers/Dampers

The use of stacker springs is NOT permitted. The use of helper springs is permitted. Helper springs are designed to help locate the coil spring when it becomes un-weighted. A helper spring is to be fully compressed when the vehicle is on the ground.

## **PRODUCTION SEDANS – for introduction July 2024**

Section 10 – Shock Absorbers – a full rewrite of the relevant section during the next 12 months will take place to incorporate the use of coil over shock absorbers.

## **SUPER SEDANS – CT525 Engine Option – effective July 2023**

Reminder on the requirement to ensure your rev limiter is set to a maximum of 7000rpm – [Click Here](#) – for MSD View tutorial.

### SPEEDWAY SEDANS AUSTRALIA CONTACT DETAILS

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