



## Chief Scrutineer's Bulletin - #1 2017

The most important changes to the Vehicle Specifications for 2017 are: the definition of what is “equivalent” to hard shell, the requirement for closed vehicles to meet this and that Open Frame Vehicles are to have 100mm helmet clearance or be converted to being closed.

The **Changes to Vehicle Specifications 2017** document details all changes. This is accessed via the **orange Team Manager** button under **Team Scrutineering Check List**.

**The most significant change, that will affect all Teams is a new process of Scrutineering.**

Three separate Scrutineering Lists will be used. Each has a different purpose and covers different items, though some items appear more than once. Every Vehicle Specification rule is checked at some stage.

### **1. Team Manager Scrutineering Check List**

This is accessed via the **orange Team Manager** button under **Forms 2017 as Form 2A**. It is to be completed by the Team Manager and submitted for each Event. It carries the numbers of the Vehicle Specifications rules that each item is dealing with. The list covers rider fitment in their vehicle, ancillary items, rider operation of their vehicle. It requires Principal recognition via Form 1 for school based Teams.

### **2. Event Check List**

The Team Version of this list with Specs numbers is available under **Team Scrutineering Check List**. The official version will be completed by Scrutineers at Scrutineering for each Event. This list covers aspects prone to wear, items under introduction, items that have been subject to omission in the past.

### **3. Construction Check List**

Team Version available with 2. It covers aspects of the vehicle created during construction. The official version will be checked once per season, prior to first Event where possible and kept by AIPP Administration with other Team documents.

**Rob Spurling**  
**AIPP Chief Scrutineer**  
**15 March 2017**

## Changes to Vehicle Specifications for 2017

1. Removal of a grey area in the Specs concerning what is counted as “equivalent” to hard shell vehicles. There is now a requirement [14.12 (ii)] to install a panel roof or “head protecting framework” for all vehicles that are non-hard-shell if they are closed over the rider. Also, open framed vehicles are compelled to become closed if any rider’s helmet is closer than 100mm to the **COP**. Specifications include the minimum size of roof panel, or head protecting framework, to match the Specified Foam size and include COP bar minimum spacing. [14.7B and Appendix 14.7B]
  2. Retention of 100 mm minimum helmet clearance to top of head roll bar for Open Frame vehicles. [14.7A (ii)] Note that vehicles of this style were built when the clearance was 150mm and prior to COP being introduced. Re-building to meet 1 above is suggested.
  3. Discontinued use of the “Roller Test” in Scrutineering. The test will be kept as a measuring protocol if a rider is deemed to have inadequate head clearance during an Event. The definition [29 #4] gives a clear process for Teams to follow and it is a Team Manager responsibility to ensure that all of their Team riders comply.
  4. Removal of the “Nominated Rider” concept. It was impractical, was an unreasonable imposition on Teams and is not needed with the “Roller Test” not being done at Scrutineering. Replaced by listed consequences for a Team with a rider deemed not to have correct head clearances during an Event. [29 #1]
  5. Addition of a Specification to cover the track of four wheeled vehicles. [8.3]
  6. Addition of requirement for a minimum of two elastic loops if these are the closure method for COP, door or roof. [14.12 (viii)] Mention of spring loaded bolts as a possible closure method.
  7. Addition of Diagram 7, “A suggested way of providing protection when a COP bar is directly above a rider”.
  8. An addition to Appendix 4.6 [as dot points 7 & 8] to explain that design principles that include deformation and flexibility of structures while avoiding too much rigidity are supported.
  9. Practical measurement of COP strength is for Team riders to be able to sit on the roof. [Appendix 14.12 (i)]
-

ROUND 5  
MURRAY  
BRIDGE  
2017



VEHICLE NO

**FORM 2A SA EVENTS**  
2017 UniSA Australian HPV Super Series  
Conducted by Australian International Pedal Prix Inc.

## TEAM MANAGER SCRUTINEERING CHECK LIST

To be completed by the Team Manager and submitted at every Event entered.  
Use NA to indicate those items that are Not Applicable to the Team's vehicle.  
The blue numbers in each Item are the Vehicle Specifications referred to.

### Maintaining Rider Safety during Events

- 1 Seat belt adjusted for each Rider **17.3**
- 2 Rider safety is not compromised by the vehicle during Events **3.2, 3.5b, 4.6, 26.1**

### Rider Safety

- 3 Side impact protection covers shoulders, torso, hips, legs to knees **12.1**
- 4 Riders' hands are protected from tyres and spokes as needed **11.2**
- 5 Riders are safe from moving parts including clothing or hair entanglement **11.1**
- 6 There is provision for Rider ventilation and windscreen defogging **26.5, 26.7**
- 7 Lap belt mounts keep lap belt on pelvis [buckle conforms to ADR] **17.1, 17.2**
- 8 Shoulder seat belt mounts or guides are level with riders' shoulders or higher **16.6i**

### Preferably, for their development, every rider should:

- 9 Have done a Roll-Over test to discover their vehicle's protection and test seat-belt wearing

### Every rider must:

- 10 Have the head room to meet the Roller Test indicators **3.5d, 4.15, 4.16, 29.4**
- 11 Have practised, and be able to perform, the Slalom Test **18.3, 29.3**
- 12 Be able to see the ground 5m ahead when in their riding position **26.4**
- 13 Be able to sight overtaking traffic in their mirrors **23.3**

### Vehicle Construction

- 14 Vehicle meets 2017 Vehicle Design & Construction Specifications throughout Events **3.2**
- 15 Head Rollover Protection Structure and Cockpit Overhead Protection are 100 mm min. above Rider's helmets for Open Frame Vehicle **14.7Aii, 14.12ii**
- 16 Specified Foam above all Rider's positions in closed canopy **14.7Bii, 29.2**

### Attachments

- 17 Speedo operational and visible to Riders **25**
- 18 Red LED tail light set to steady **4.19, 22.7**

### Prohibitions

- 19 Dash structures and steering are 250mm minimum from riders' faces **18.6**
- 20 Window treatments are not in the way of Riders' vision **4.18**
- 21 Excessive seat padding is not being used **Appendix 17**

-----  
**Name of Team Manager [Printed]**

-----  
**Signature**

-----  
**Date**