



## 2016/17 Speedcars Australia Inc

Rule changes to be voted on by the Registered Speedcar owners.

When submitting your clubs votes in the Yes or No on the line please supply the amount of votes for each.  
le:- if 5 vote Yes and 17 vote No.

**Vote Yes - 5                      No – 17.**

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### Superseded rules

**1.4.2** - omitted from previous rule book

Such annulment or supersession shall not affect or change:

- a) The previous operation or interpretation of any rule so annulled or superseded
- b) Any right, privilege, obligation or liability acquired, accrued or incurred pursuant to any rule so annulled or superseded; or
- c) Any penalty or disqualification previously incurred in respect of any offence committed against any rule so annulled or superseded.

**1. Vote Yes -                      No -**

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**1.5** - add 'exception to this rule is that crew are required to have a Speedway Australia licence. (This was omitted from previous rule book)

**2. Vote Yes -                      No -**

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### Licences

**1.12** Control of pit crew    Re format heading – add space

Renumber from 1.8-1.13 for sequential numbering (1.9 is missing)

**3. Vote Yes -                      No -**

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**4.2.3** - please explain second half (may need rewording) replace 'at' with a 'full stop'... it should read.....(except those disqualified). The remaining 50% will be paid as half the advertised prize money payout for placings.....

Last line states 'series points will be allocated in the same 50/50 manner'. This should be deleted. Points are to be either awarded or not (should be at the discretion of the club/driver; what is 50% of the points? (same for rule 4.2.2)

**4. Vote Yes -                      No -**

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**4.1.4** New Rule - All car receive a maximum of two (2) push starts per race, not including red light stoppages. (1 to start the race and the second being one restart) Any cars requiring more than this will be disqualified from the race.

**5. Vote Yes -                      No -**

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**4.2 New Rule** - A feature race must be run over 50% of the advertised laps for positions to be awarded.

**6. Vote Yes - No -**

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**6.1.3** - after 166 cu.in. (2721cc) it should read "Except OHV pushrod engines with exhaust and intake on same side, or V4 OHV pushrod engines – 174 cu.in. (2852cc)

**7. Vote Yes - No -**

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Delete Two Stroke Engines

**6.1.4** – Delete Two Stroke Engines

**8. Vote Yes - No -**

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Can Multi valve twin cam be approved for forced induction?

**9. Vote Yes - No -**

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**Remove - 6.2.3** All Speedcars must weigh a minimum of, 900 lbs (408 kg) including water, oil, and fuel, but without the driver and, 1050lbs (476kgs) including water, oil and fuel, with the driver. Check with the Supplementary Rules & Regulation prior to the event you are attending.

**Change to read –**

6.2.3 All Speedcars must weigh a minimum of 900lbs (408kg) without driver, and/or **1,035 lbs**, including driver. Check with the Supplementary Rules & Regulation prior to the event you are attending.

**10. Vote Yes - No -**

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**6.3.1** - delete "constructed after 1/7/87"

**11. Vote Yes - No -**

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**6.3.7** - delete the word "midget", and is this rule necessary ?

**12. Vote Yes - No -**

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**Remove - 6.4.1** All Speedcars must be fitted with a roll cage Bolt on cages are not permitted.

**Remove - 6.4.2** A competent and experienced welder must do all welding on frames, cages and bracings. Documentary evidence may be required as to this fact.

**Remove - 6.4.3** The main roll cage frame must be constructed to the minimum material standards of 4130 moly, 1 1/4" x 0.095" wall thickness seamless tube (applies to cars built pre 1-7-93). All cars constructed post 1-7-93 minimum 1 3/8" x 0.095". Recommended 0.125" if 4130-moly tubing is used. Cars constructed after 1-1-98 main uprights forming the roll cage must be a minimum of 1-3/8" OD x .095 wall thickness.

**Remove - 6.4.4** Car owner must show proof of wall thickness and type of material used.

**Change to read – USAC 2016 Rule.**

**6.4.1** - Frame and/or chassis must be constructed of 4130 normalized tubing.

All cars must have a roll cage that is integral with the frame and does not encroach upon an imaginary cylinder, 20 inches in diameter, extending through the top cockpit opening directly above the seat. The roll cage should extend four inches above the driver's helmet when seated in the driving position.

Roll Cage Construction cars constructed after 1/1/98, main uprights forming the roll cage must be a minimum of 1-3/8 inches O.D. x .095 wall thickness 4130 normalized tubing.

**13. Vote Yes - No -**

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## Roll Cage

Add current chassis diagram to this section, and name all rails.

**6.4.3** – delete lines 3,4,5 up to the word minimum. Add to end “See diagram page 72 for upright definition.” Or add definition of upright and refer to drawing.

**14. Vote Yes -** **No -**

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**6.4.5** – delete last sentence and add “100mm is absolute minimum clearance”

**15. Vote Yes -** **No -**

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**6.4.6** – instead of sg.cm or sq.in it could read as per USAC rules “a 21” cylinder above the driver”

**16. Vote Yes -** **No -**

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**6.4.8** – delete first sentence, delete 3mm/10g, delete from after externally on line 5 up to after externally on line 10. Rule should now read - “Main frame must be gusseted in four (4) opposite corners of top section by a minimum  $\frac{3}{4}$ ” (19mm) x .065” material, fitted externally to extend at least 4” (100mm) past the joint of the tubing.”

**17. Vote Yes -** **No -**

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**6.4.12** – Delete

**18. Vote Yes -** **No -**

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**6.4.13** – Delete – this is covered in rule 6.4.10 by the correct size material – 1” x .095”.

**19. Vote Yes -** **No -**

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**6.4.7:** Optional (Morris) “T” Bar may be included to top roll cage opening, ONLY after roll cage opening meets all other specifications as above. A minimum measurement of 380-mm (15”) is required between the “T” bar rail and the front roll cage member. Main bars to be min. 1 3/8” x .095”.

Proposed revision: Optional (Morris) T bar or a bent raised bar maximum 50mm (2”) high with 450mm (18”) straight between bends. Minimum radius of 3½” to bends.  
(See proposed drawing & photo).

With 2 off braces to rear of cage member minimum 400mm apart, only after roll cage opening meets all other specifications as above. A minimum measurement of 380mm (15”) is required between the T bar or raised bar and the front roll cage member. Main bars to be minimum 1 3/8 x .095” and braces to be minimum of 1½ x .083”.



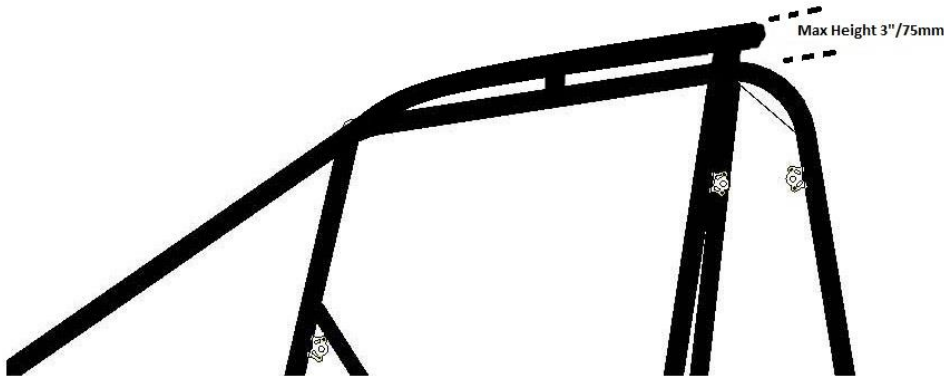
**20. Vote Yes -** **No -**

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**6.4.7** Optional (Morris) "T" Bar may be included to top roll cage opening, ONLY after roll cage opening meets all other specifications as above. A minimum measurement of 380-mm (15") is required between the "T" bar rail and the front roll cage member. Main bars to be min. 1 3/8" x 095".

**Add part B**

**6.4.7(b) Optional "HALO" bar** may be included to top roll cage, ONLY after roll cage opening meets other specifications as above. Main bars and spacers to be min. 1 3/8"x 095, welded to top of chassis at a minimum of (6\*) points. "Halo" must follow the same shape of roll cage and rear cage member (see figure below). Maximum height of "Halo" 75mm (3") measure from top of roll cage to top of "Halo". A minimum of 100 mm (4") above the driver's helmet when seated in an upright position and ready to race. This measurement to be taken from the top of the helmet to the top of the "halo" side rails.



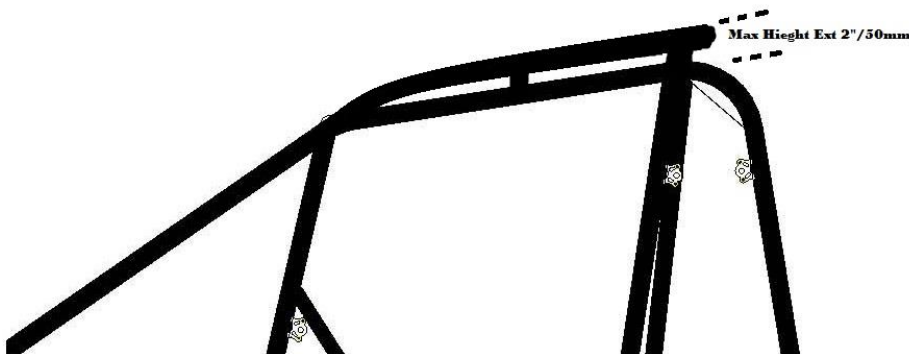
21. Vote Yes -                      No -

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**6.4.7** Optional (Morris) "T" Bar may be included to top roll cage opening, ONLY after roll cage opening meets all other specifications as above. A minimum measurement of 380-mm (15") is required between the "T" bar rail and the front roll cage member. Main bars to be min. 1 3/8" x 095".

**Add part B**

**6.4.7(b) Optional "HALO" bar** may be included to top roll cage, ONLY after roll cage opening meets other specifications as above. Main bars and spacers to be min. 1 3/8"x 095, welded to top of chassis at a minimum of (6\*) points. "Halo" must follow the same shape of roll cage and rear cage member (see figure below). Maximum height of "Halo" 50mm (2") measure from top of roll cage to top of "Halo". A minimum of 100 mm (4") above the driver's helmet when seated in an upright position and ready to race. This measurement to be taken from the top of the helmet to the top of the "halo" side rails.



22. Vote Yes -                      No -

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6.5.5 c – diagram required

23. Vote Yes - No -

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6.5.10 – Delete – add description to 6.5.9. (one called spindle mount, one called bolt on)

24. Vote Yes - No -

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6.5.6 – reformat letter bullets ie (a) (b) etc. Also split ‘b’ into b & c

(b) Sheet alloy centres to be a minimum of 8mm thickness

(c) All new fabricated steel wheels (centre to rim) may be skip welded with a 50mm x 4mm fillet on alternate sides with a 13mm gap separating welds. Full circle welded wheel are acceptable.

25. Vote Yes - No -

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6.5.7 (c) – Minimum grade of bolt to be clarified.

26. Vote Yes - No -

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6.5.13 – reformat letter bullets

27. Vote Yes - No -

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6.5.7 Any car that loses a wheel through negligence or faulty fitting the driver will be fined or suspended for this infringement. The fine will be a minimum of \$500.

28. Vote Yes - No -

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6.6.1 – change to read – “threads must **tighten** contra to wheel direction”

29. Vote Yes - No -

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6.7.1 Insert - Made of metal or carbon fibre PTY.

30. Vote Yes - No -

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6.9.7 – add “Open twin universal drivelines are Not Permitted” then delete 6.9.9

31. Vote Yes - No -

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6.10.12 – add text from 6.10.14 then delete 6.10.14

32. Vote Yes - No -

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**Reason for these panel rules is to align our self's with the USAC rules that the Major midget/speedcar manufactures make their cars too.**

**Remove** - 6.14.1 Body must be soundly constructed and to be of good general appearance.

**Remove** - 6.14.2 The cockpit must be of sufficient size to permit the driver to enter and exit with ease.

**Remove** - 6.14.3 The top surface of the bonnet and/or nose panel may not be dished or concaved no more than 25mm. The nose cone sides cannot protrude higher than the downward high bars but may extend downwards of the down tubes of 6 inches. The top surface of the bonnet and/or nose panel may not be dished or concaved more than 25mm.

**Remove** - 6.14.4 The use of separate rear/side "A" frame panels is permitted

**Remove** - 6.14.5 Airfoils, wings, spoilers or other aerodynamic appendages are not permitted.

**Remove** - 6.14.6 Roll Cage Front visor when fitted must be designed so as not to impede the driver's vision. If metal, leading edges must be rolled, Max thickness 1.6-mm and securely attached to the chassis. They may be no longer than the width of the roll cage.

**Remove** - 6.14.9 Right side cockpit body panel may extend to the rearmost down bar of the roll cage but must not extend upwards above 34" and a optional left hand side cockpit body panel of 34" from the top of the bottom chassis rail with safe edges. A one piece cockpit panel may incorporate the rear A frame panel, provided it can be removed without the use of tools See Picture Below.

**Remove** - 6.14.10 Both Side cockpit body panels must project rearward of twenty-three (23) inches with a minimum eight (8) inches vertical opening from the engine plate.

**Remove** - 6.14.14 All vehicles must be fitted with a bonnet and tail. Bonnet and nose may be a one-piece construction. Bonnet to be secured by either approved racing fasteners or two (2) bonnet straps. All bonnet fasteners to be hand operated.

**Remove** - 6.14.15 All protruding parts within the cockpit must be suitably padded to protect the driver's body.

### **Change to Read – USAC 2016 Rule**

#### **6.14 Body**

1. The front part of the body, known as the nose assembly, shall not be wider than the parallel lines of the body and may not exceed the width of the frame. The nose assembly may not extend forward beyond the confines of the front bumper.
2. Any item added to resemble imitate and/or specifically designed to deflect, trap and/or form a pattern for air to travel in a directed manner, except for those used to cool and/or protect engine and brake system will not be permitted.
3. The engine must be covered with a cowl or hood secured in place by Dzus buttons. The hood or cowl need not enclose the sides of the engine.
4. Side panels covering the sides of the engine and/or vertical spill plates may not extend vertically more than the height of cockpit panels. All parts of engine between frame rails must have a hood covering except for air filter. Downtubes must be of the standard midget type.
5. Side panels that include exit ducts may not extend more than 5 inches from the frame rails and may not extend past the front engine plate. These ducts must start behind the front axle.
6. Both side cockpit body panels may extend to the rearmost down bar of the roll cage but must not extend upwards above 35", and must project rearward of twenty-three (23) inches with a minimum eight (8) inches vertical opening from the engine plate. The left side is optional, A one piece cockpit panel may incorporate the rear A frame panel.
7. All panelling must not extend past edge of frame rails more than thickness of material.
8. A maximum One (1") inch turnout allowed on all body and sail panel edges and must stay inside the outline of the chassis, except sun visor.
9. The motor plate may not be made from carbon fibre, or any type composite materials.

**33. Vote Yes -                      No -**

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6.14.2 Amend to - Change aluminium thickness from 3mm to 2mm (floor pan).

34. Vote Yes - No -

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6.14.5 – add “any panel may only have a 10mm lip for strength. No “Gurney Flaps or Wicker Bills”

35. Vote Yes - No -

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6.14.6 – last sentence should be “wider” not “longer”

36. Vote Yes - No -

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6.14.9 Amend to - Change from 34” to 35” for both of these measurements.

37. Vote Yes - No -

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6.14.9 Remove words - Provided it can be removed without the use of words.

38. Vote Yes - No -

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6.14.10- reword to add highlighted words “Both cockpit side panel openings must project rearward from the engine plate a minimum of 23” (585mm). The vertical opening must be a minimum of 8” (200mm) and not impede the drivers line of sight.”

39. Vote Yes - No -

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6.14.12 – add “with a minimum of 6 x ¼” bolts and nyloc nuts”

40. Vote Yes - No -

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6.14.14 Amend to - Insert ‘either’ - or (2) bonnet straps. All bonnet fasteners to be hand operated.

41. Vote Yes - No -

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6.14.16 – ‘the chief steward or national technical body of Speedcars Australia may have any part removed which in their opinion is not within the spirit or intent of these rules.’  
This should be removed, or reworded for safety matters only

42. Vote Yes - No -

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6.15.1 – in last sentence change from “acceptable” to “recommended”

43. Vote Yes - No -

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6.15.2 – add text from 6.15.8 then delete 6.15.8

44. Vote Yes - No -

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6.15.6 – delete last two (2) sentences. They are a repeat of rule 6.15.5

45. Vote Yes - No -

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#### 6.15.7

Clearance between the driver's seat and the torque tube or differential housing must be sufficient to prevent contact between the two in the event of excessive suspension movement.

Suggested 50mm (2") with the car at normal ride height and driver aboard.

**Change to read -**

#### 6.15.7

Clearance between the driver's seat and the torque tube or differential housing must be sufficient to prevent contact between the two in the event of excessive suspension movement.

A minimum clearance of 50mm (2") with the car at normal ride height and driver aboard.

**46. Vote Yes -                      No -**

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**6.16.1** – remove and replace with 6.16.6. Then check minimum material size. Stainless should be 1.6mm or .065" **not 3mm**. Also delete last two (2) lines.

**47. Vote Yes -                      No -**

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**6.16.1**- now renumbered 6.16.6 and reads "Front nerf bar to be one piece (not butterfly type) and should not extend forward more than 21" (533mm) from the leading edge of the front axle."

**48. Vote Yes -                      No -**

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**6.16.5** – Remove wording as not applicable and replace with text from 6.16.9. then delete 6.16.9.

**49. Vote Yes -                      No -**

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**6.16.6** Change to - 3mm wall thickness to 1.6mm mild stainless and mild steel.

**50. Vote Yes -                      No -**

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**6.18.4** – Add 'rotary mechanisms are not permitted'. This was in previous rule book

**51. Vote Yes -                      No -**

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**6.18.13** – First sentence should read "If full containment seat is used, side nets are optional. For all other seats, side nets on both sides are mandatory" then delete repeated text in rest of this rule.

**52. Vote Yes -                      No -**

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## 6.20 IDENTIFICATION NUMBERS

**6.20.1** All vehicles must display the correct number as issued by the member association. Numbers to be used will be 0 – 99 and no duplicated numbers to appear or numbers with letters. i.e.  
NSW6 – NSW6s or two cars with NSW6 on them at the same event.

### Change to read,

**6.20.1** All vehicles must display the correct number as issued by the member association. Numbers to be used will be 0 – 99. Duplicate numbers may be used only by the original car owner issued the number. The second Speedcar to have the same number must have a single letter after the number at 100mm tall. i.e NSW6 – NSW6s. Any duplicate may be at the same track and the same time.

**53. Vote Yes -                      No -**

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**6.20.3** The display of "Australia 1" is permitted only on the Current National Champion's car, and only for the period that the title is held.

### Change to read

**6.20.3** The Australian Speedcar Champion is permitted to display "Australia 1" only on the Current National Champion's drivers car, on both sides on the tail tank and front nose panel for the period that the title is held. Each State title winning driver may run the number 1 with an outline of the state as a background on the nose panel on the car only. Rear tail tank numbers must stay as the registered cars numbers.

**Reason** – from the Promoters conference was to help promote our class at any event that the number 1 on the front show each state champion.

**54 Vote Yes -                      No -**

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**6.21.2.** All Speedcars shall be registered with SPEEDCARS AUSTRALIA annually.

ADD Speedcars registered after April 1st in current season is deemed to have paid registration fee for the next season

### NEW RULE TO READ

**6.21.2.** All Speedcars shall be registered with SPEEDCARS AUSTRALIA annually. Speedcars registered after April 1st in current season is deemed to have paid registration fee for the next season.

**REASON** - It allows car new owners the chance to assess anything needed to be addressed on the car before the start of the next season without having to pay registration for only one or two race meetings in the current season. This may benefit the driver should he have an accident while doing preseason testing as his car would have had to comply with specifications at registration which would mean that his car would be legal as far as insurance is concerned should it be challenged by the insurer.

**55. Vote Yes -                      No -**

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**7.5.3** – after score sheets add – or “transponder records”

**56. Vote Yes -                      No -**

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**7.6.2** – spell Preliminary correctly

What is the registered name of the title because it is referred to as Australian Speedcar Championship Title in several places in the rule book and should perhaps be a “Title” or a “Championship”.

**57. Vote Yes -                      No -**

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**7.15.1** Amend to - All drivers must attend the drivers briefing on all racing nights for the Australia Title. If you do not attend you will lose 25 points.

**58. Vote Yes -                      No -**

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Recommendation to be added to the front of the rule book.

- Infringement notices from Speedcars Australia on rules that are Speedcar specific. Monies from fines and infringements will go to Speedcars Australia.

- Establish a technical committee of one member from each state who will sit on the panel, they will review rules put forward by members and the committee can amend, add or change rules accordingly. Each state will select their committee member. All rules to be submitted to the panel and voted on as a whole panel.

**59. Vote Yes -                      No -**

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