

## Appendix 1

The following Power/ Weight ratios:

|                     | Year  | Wt   |  | KW  |  | P/W   |
|---------------------|-------|------|--|-----|--|-------|
| GT2 3.6             | 01+   | 1440 |  | 340 |  | 4.23  |
| Cayenne Turbo       | 03+   | 2355 |  | 331 |  | 7.11  |
| Cayenne S           | 03+   | 2245 |  | 250 |  | 8.98  |
| Boxster S 3.2       | 5+    | 1320 |  | 191 |  | 6.91  |
| Boxster S 3.2       | 99-04 | 1295 |  | 185 |  | 7.00  |
| Boxster 2.7         | 5+    | 1275 |  | 168 |  | 7.59  |
| Boxster 2.7         | 1-Mar | 1260 |  | 162 |  | 7.78  |
| Boxster 2.5         | 96-01 | 1250 |  | 150 |  | 8.33  |
| 997 S               | 5     | 1420 |  | 261 |  | 5.44  |
| 997                 | 5     | 1395 |  | 239 |  | 5.84  |
| 968 CS              | 91+   | 1320 |  | 176 |  | 7.50  |
| 968                 | 91+   | 1370 |  | 176 |  | 7.78  |
| 944 Turbo           | 89+   | 1350 |  | 184 |  | 7.34  |
| 944 Turbo           | 86-88 | 1280 |  | 162 |  | 7.90  |
| 944 S2              | 89+   | 1310 |  | 155 |  | 8.45  |
| 944 S               | 86-88 | 1280 |  | 140 |  | 9.14  |
| 944                 | 82-85 | 1180 |  | 120 |  | 9.83  |
| 944                 | 89    | 1290 |  | 121 |  | 10.66 |
| 944                 | 86-88 | 1180 |  | 110 |  | 10.70 |
| 930 3.6             |       | 1470 |  | 265 |  | 5.55  |
| 930 3.3             | 78-84 | 1300 |  | 221 |  | 5.88  |
| 930 3.3             | 85+   | 1335 |  | 221 |  | 6.04  |
| 930 3.3             | 91-92 | 1470 |  | 235 |  | 6.25  |
| 930 3.0             | 75-76 | 1140 |  | 191 |  | 5.97  |
| 930 3.0             |       | 1195 |  | 191 |  | 6.26  |
| 928 S4 GT           | 89+   | 1580 |  | 243 |  | 6.50  |
| 928 S4 Clubsport    | 88-89 | 1480 |  | 235 |  | 6.30  |
| 928 S4              | 87+   | 1580 |  | 235 |  | 6.72  |
| 928 S2              | 84-85 | 1450 |  | 228 |  | 6.36  |
| 928 S2              | 86-87 | 1520 |  | 212 |  | 7.17  |
| 928 S               | 85-86 | 1530 |  | 228 |  | 6.71  |
| 928 GTS             | 92-95 | 1620 |  | 257 |  | 6.30  |
| 928                 | 77-81 | 1450 |  | 177 |  | 8.19  |
| 924 Turbo           | 81-83 | 1180 |  | 130 |  | 9.08  |
| 924 Turbo           | 79-80 | 1180 |  | 125 |  | 9.44  |
| 924 Carrera GT      |       | 1180 |  | 154 |  | 7.66  |
| 924                 | 76-78 | 1080 |  | 92  |  | 11.70 |
| 924                 | 79+   | 1130 |  | 92  |  | 12.30 |
| 914/6 2.0           | 70-72 | 940  |  | 81  |  | 11.60 |
| 914/4 2.0           | 73-75 | 950  |  | 74  |  | 12.80 |
| 914/4 1.7           | 69-71 | 900  |  | 59  |  | 15.30 |
| 914/4 1.7           |       | 950  |  | 59  |  | 16.10 |
| 912 E               |       | 1160 |  | 66  |  | 17.60 |
| 912                 |       | 970  |  | 66  |  | 14.70 |
| 912                 |       | 995  |  | 66  |  | 15.10 |
| 911 Turbo 3.6 (996) | 99-00 | 1500 |  | 307 |  | 4.89  |
| 911 Turbo 3.6 (996) | 4+    | 1540 |  | 309 |  | 4.98  |
| 911 Turbo 3.6 (996) | 03+   | 1590 |  | 309 |  | 5.15  |
| 911 Turbo 3.6 (993) | 95-99 | 1500 |  | 300 |  | 5.00  |

|                                |       |      |  |     |  |       |
|--------------------------------|-------|------|--|-----|--|-------|
| 911 SC                         | 81-83 | 1160 |  | 150 |  | 7.73  |
| 911 SC                         |       | 1160 |  | 138 |  | 8.41  |
| 911 SC                         | 78-79 | 1160 |  | 132 |  | 8.79  |
| 911 RS Touring (964)           |       | 1320 |  | 191 |  | 6.91  |
| 911 RS Carrera 3.8 (993)       | 95-97 | 1210 |  | 221 |  | 5.47  |
| 911 RS Basic (964)             |       | 1220 |  | 191 |  | 6.38  |
| 911 GT3 RS                     | 4     | 1360 |  | 280 |  | 4.86  |
| 911 GT3                        | 4     | 1380 |  | 280 |  | 4.93  |
| 911 GT3                        | 99-02 | 1350 |  | 265 |  | 5.09  |
| 911 Coupe 3.6 (996)            | 03+   | 1370 |  | 235 |  | 5.83  |
| 911 Coupe 3.4 (996)            | 98-02 | 1320 |  | 221 |  | 5.97  |
| 911 Carrera2 Cup 3.6 (964)     | 90-91 | 1120 |  | 195 |  | 5.74  |
| 911 Carrera 4                  | 89+   | 1450 |  | 184 |  | 7.88  |
| 911 Carrera 2 (964)            | 89+   | 1350 |  | 184 |  | 7.34  |
| 911 Cab 3.4 (996)              | 98-02 | 1395 |  | 221 |  | 6.31  |
| 911 C4 3.6 (996)               | 4     | 1495 |  | 235 |  | 6.36  |
| 911 C4 3.6 (993)               |       | 1450 |  | 210 |  | 6.90  |
| 911 C4 3.6 (993)               | 95+   | 1450 |  | 200 |  | 7.25  |
| 911 C2 3.6 (993)               |       | 1370 |  | 210 |  | 6.52  |
| 911 C2 (993)                   | 93-97 | 1370 |  | 200 |  | 6.85  |
| 911 3.2 Carrera T'Look         | 84-85 | 1260 |  | 170 |  | 7.41  |
| 911 3.2 Carrera T'Look         | 86+   | 1260 |  | 160 |  | 7.88  |
| 911 3.2 Carrera                | 84-85 | 1160 |  | 170 |  | 6.82  |
| 911 3.2 Carrera                | 86+   | 1210 |  | 160 |  | 7.56  |
| 911 3.0 RS Carrera             |       | 960  |  | 169 |  | 5.68  |
| 911 3.0 CARRERA                |       | 1120 |  | 147 |  | 7.62  |
| 911 2.7 S                      |       | 1075 |  | 129 |  | 8.33  |
| 911 2.7 RS Carrera Lightweight |       | 980  |  | 154 |  | 6.36  |
| 911 2.7 RS Carrera             |       | 1075 |  | 154 |  | 6.98  |
| 911 2.7                        | 76-77 | 1120 |  | 121 |  | 9.26  |
| 911 2.7                        | 74-75 | 1075 |  | 110 |  | 9.77  |
| 911 2.4 T                      | 71-73 | 1050 |  | 96  |  | 10.90 |
| 911 2.4 S                      | 71-73 | 1075 |  | 140 |  | 7.68  |
| 911 2.4 E                      | 71-73 | 1050 |  | 121 |  | 8.68  |
| 911 2.2 T                      | 69-70 | 1020 |  | 92  |  | 11.10 |
| 911 2.2 S                      | 69-70 | 1020 |  | 132 |  | 7.73  |
| 911 2.2 E                      | 69-70 | 1020 |  | 114 |  | 8.95  |
| 911 2.0 T                      | 67-68 | 1020 |  | 81  |  | 12.60 |
| 911 2.0 S                      |       | 995  |  | 118 |  | 8.43  |
| 911 2.0 S                      |       | 1030 |  | 118 |  | 8.73  |
| 911 2.0 L                      | 67-68 | 1080 |  | 96  |  | 11.30 |
| 911 2.0 E                      |       | 1020 |  | 103 |  | 9.90  |
| 911 2.0                        | 64-66 | 1080 |  | 96  |  | 11.30 |
| 356 C 1600 SC                  |       | 935  |  | 70  |  | 13.40 |
| 356 C 1600 C                   |       | 935  |  | 55  |  | 17.00 |
| 356 B 1600 S-90                | 60-62 | 900  |  | 66  |  | 13.60 |
| 356 B 1600 S                   | 59-62 | 900  |  | 55  |  | 16.40 |
| 356 B 1600                     | 59-62 | 900  |  | 44  |  | 20.50 |
| 356 A 1600 S                   | 56-58 | 815  |  | 55  |  | 14.80 |
| 356 A 1600                     | 56-58 | 815  |  | 44  |  | 18.50 |
| 356 A 1300 S                   | 55-58 | 880  |  | 44  |  | 20.00 |
| 356 A 1300                     | 55-58 | 860  |  | 32  |  | 26.90 |
| 356 1500                       |       | 830  |  | 41  |  | 20.20 |

## Appendix 2

### BASE TIMES – MALLALA (min : sec)

| P/W RATIO   | BASE TIME | P/W RATIO     | BASE TIME | P/W RATIO     | BASE TIME |
|-------------|-----------|---------------|-----------|---------------|-----------|
| Below 4.8-  | 1.21      | 7.11 - 7.33   | 1.28      | 11.48 - 11.89 | 1.35      |
| 4.80 – 4.99 | 1.21.5    | 7.34 - 7.57   | 1.28.5    | 11.90 - 12.34 | 1.35.5    |
| 5.00 – 5.13 | 1.22      | 7.58 - 7.82   | 1.29      | 12.35 - 12.79 | 1.36      |
| 5.14 – 5.27 | 1.22.5    | 7.83 - 8.09   | 1.29.5    | 12.80 - 13.27 | 1.36.5    |
| 5.28 – 5.42 | 1.23      | 8.10 - 8.37   | 1.30      | 13.28 - 14.27 | 1.37      |
| 5.43 – 5.57 | 1.23.5    | 8.38 - 8.65   | 1.30.5    | 14.28 - 15.31 | 1.38      |
| 5.58 – 5.73 | 1.24      | 8.66 - 8.96   | 1.31      | 15.32 - 16.39 | 1.39      |
| 5.74 - 5.90 | 1.24.5    | 8.97 - 9.27   | 1.31.5    | 16.40 - 17.51 | 1.40      |
| 5.91 - 6.08 | 1.25      | 9.28 - 9.60   | 1.32      | 17.52 - 18.68 | 1.41      |
| 6.09 - 6.27 | 1.25.5    | 9.61 - 9.94   | 1.32.5    | 18.69 - 19.89 | 1.42      |
| 6.28 - 6.46 | 1.26      | 9.95 - 10.30  | 1.33      | 19.90 - 21.15 | 1.43      |
| 6.47 - 6.66 | 1.26.5    | 10.31 - 10.68 | 1.33.5    | 21.16 - 22.46 | 1.44      |
| 6.67 - 6.88 | 1.27      | 10.69 - 11.06 | 1.34      | 22.47 +       | 1.45      |
| 6.89 - 7.10 | 1.27.5    | 11.07 - 11.47 | 1.34.5    |               |           |

### Exceptions:

| Base Time | Cars                   | Base Time | Cars                      |
|-----------|------------------------|-----------|---------------------------|
| 1.18      | 996 GT 2: 977 GT 3     | 1.24.5    | 944 T 88/9 993 Non vario. |
| 1.19      | 993 RSCS: 996 GT2 Mk2  | 1.25.5    | Boxster 3.2 S             |
| 1.19.5    | 993 Turbo: 996 GT3 Mk1 | 1.26      | 944 T 86/7                |
| 1.23      | Cayman S               | 1.26.5    | 911 Carrera 2             |
| 1.23.5    | 996 Carrera            | 1.27      | 911 Carrera 4 Boxster 2.7 |
| 1.24      | 993 Vario-ram          | 1.28.5    | Boxster 2.5               |

## **Appendix 3**

### **PCSA Standing Competition Regulations**

#### **Driver familiarisation, Sprints, Hillclimbs, Motorkhanas**

##### **Authority**

The meeting will be held under the provisions of the International Sporting Code of the FIA, the NCR's of CAMS Ltd, the Speed Event Standing Regulations, PCSA 2008/9 Competition Rules, together with these regulations and any further regulations or bulletins issued. The event will be conducted under and in accordance with the provisions of the CAMS Ltd Permit issued for that event and CAMS OH&S and Risk Management Policies.

NOTE: the Supplementary Regulations issued for an event take precedence over any standing regulations or PCSA Competition Rules.

##### **Organiser**

Porsche Club of SA and any organising Committee consisting of an Event Secretary and Clerk of Course and any other nominated person/s.

##### **Motorsport Director**

The Motorsport Director as elected at the AGM.

##### **Event Secretary**

As advised in the Supplementary Regulations

##### **Stewards**

As advised in further supplementary regulations or as appointed by CAMS.

##### **Clerk of Course**

As advised in the Supplementary Regulations.

##### **Events**

The meeting, usually a closed to Club event, may consist of driver familiarisation and a number of timed runs for all competitors.

##### **Entries**

Entries will open anywhere up to 20 days prior to the date of the event and will close three days before the event unless otherwise advised in the Supplementary Regulations. Entry fees will be set out in the official entry form for the event. Entries must be made on the official entry form and must be accompanied by the relevant fee. Entries maybe made on line or should be sent to the Event Secretary and cheques made payable to the PCSA. The organising committee will reserve the right to refuse any entry.

Any entrant who does not start in an event or who advises of withdrawal within 24 hours prior to the event shall forfeit all monies paid and no refund shall be made.

Entry numbers will be limited (sixty four entries at Mallala Raceway) as written in the supplementary regulations and all entrants must be financial members of the PCSA with a CAMS level 2S Licence or superior. If the number of entries received exceeds the number specified above or in the supplementary regulations, entries will be selected in order of receipt of correctly completed entry forms accompanied by the appropriate entry fee.

### **Exclusion**

The Clerk of Course/Event Co-ordinator or stewards may exclude from further competition any driver whom:

- i. After leaving the circuit, rejoins the track at a speed or in a manner considered dangerous to themselves, any other competitor or any official.
- ii. Disobeys the direction of an official.
- iii. Exceeds a speed of 40 km/h in the pits or walking pace in the paddock.
- iv. For multiple car events, drives in a manner considered to be dangerous to other competitors, or in such a way that a faster car is prevented from passing.
- v. **Without prejudice to any other penalties that may be imposed.**

Any driver thus excluded may also be excluded from the results for the event.

### **Alcohol**

The consumption of alcohol and/or drugs by drivers, crews or spectators is forbidden until the conclusion of the event (NCR145A). Also refer to the CAMS Drugs in Sport policy in the CAMS Manual of Motor Sport.

### **Running Details**

The event may include driver familiarisation and/or practice. Instruction may be available to those requiring assistance. It is anticipated that each competitor will spend a substantial amount of time on the track during the event. The organisers will endeavour to give all cars three runs at a Sprint.

Vehicle and driver requirements, as set out in these regulations will apply to the event.

The carrying of passengers shall be in accordance with CAMS Ltd guidelines for passengers in vehicles and then only after signing the appropriate CAMS Indemnity Form.

For Sprint events, each run will consist of a warm-up lap then three flying laps. The flying laps will be timed during each run. Each driver will be given as many runs as possible during the event.

In multiple car events, cars will generally be sent out equally spaced around the track at the discretion of the starter or Clerk of Course.

Results will be calculated on the average of nine laps.

Care must be taken when overtaking other vehicles and when slowing down at the end of each run. **THERE WILL BE NO PASSING ONCE INSIDE THE BRAKING AREAS OR IN THE CORNERS.**

Motorxhanas will be conducted in accordance with CAMS Ltd National Motorxhana Code. Motorxhana tests will be chosen from Appendix 4.

### **Awards**

Points will be awarded toward the Club Championship. No individual awards will necessarily be made or presented for any event.

### **Vehicle Requirements**

Competing cars must comply with the relevant NCR's.

### **Drivers**

While participating in speed events, driver familiarisation or competing in the event, all drivers must wear an approved helmet and non-flammable clothing that will protect the skin from flame, apart from hands and face (ie long sleeves, long trousers or slacks, suitable shoes and socks).

PCSA strongly recommends flame resistant single layer or better driving suits, flame resistant racing boots and flame resistant gloves.

### **Registration**

Registration for the event must be completed at the venue where PCSA membership cards and CAMS licence must be shown.

### **Scrutineering**

Scrutineering will be conducted at the venue prior to the event. Any alteration to cars after Scrutineering must be reported immediately. Cars damaged during the event must be returned to Scrutineering for inspection prior to continuing. Cars considered unsafe or unsuitable will be precluded from competition.

### **Abandonment**

The organising committee will reserve the right to postpone, abandon or cancel the event if, in their opinion, the number of entries is insufficient or by "force majeure" in accordance with NCR 59.

### **Scrutineering Requirements**

As a PCSA competitor you are required:

To wear non-flammable clothing, which provides full cover from ankles to wrists to throat. No person will be permitted to wear nylon or similar material.

To present your car for scrutineering within the allocated time period.

To present your car to the scrutineer in a roadworthy condition and ready to compete. Failure to do so will reduce track time available to yourself and fellow members.

To wear an appropriate approved crash helmet as per CAMS Manual of Motor Sport.

To provide an Australian Standards approved fire extinguisher (minimum capacity 900gram) within driver's reach and firmly mounted, preferably with steel brackets.

To ensure that seatbelt or harness is in good condition.

To have bonnet tie-down device(s) in position, in addition to standard fitting, for front-opening bonnets.

To ensure that battery is (or batteries are) held down securely and that a blue triangle (15cm sides) is affixed to car body indicating location of battery.

To ensure that tyres are in good condition, of suitable speed rating for the car with legal tread depth as defined by PCSA 2009/10 Competition rules.

To ensure that front wheel bearings are in good condition and correctly adjusted.

To ensure that all wheel nuts are correctly tightened.

To ensure that the throttle return is adequate and not sticky.

To ensure that metal valve caps are present on all wheels.

To ensure that there are no loose items inside car or boot(s).

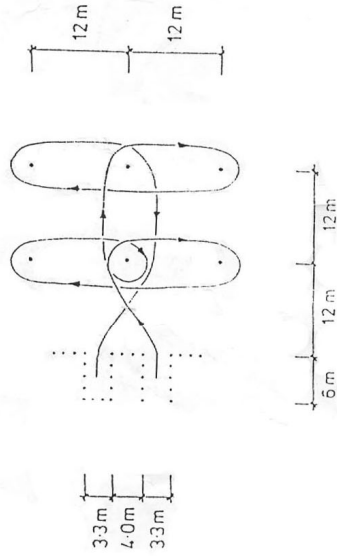
To ensure that the car is fitted with operating STOP lights.

To have (preferably) a tow hook in place, front or rear.

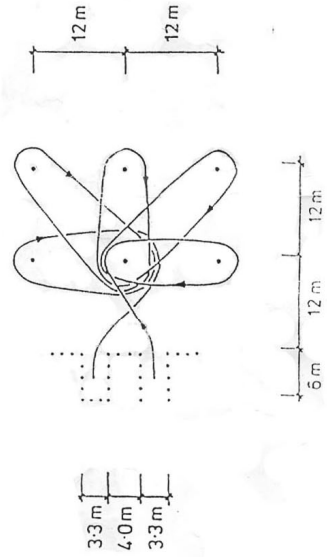
# Appendix 4 Motorkhana Patterns

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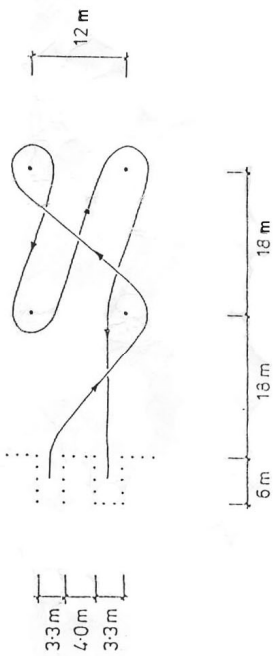
**Double Loop**



**Multiple Loop**



**Crazy Square**



**Plumb Crazy**

