

# IPRA WA

## INVITED IP CARS

### rules and technical regulations

#### Further 3J Improved production rules

These rules shall govern all invited Improved production racing promoted in the State of Western Australia by "IPRAWA Inc." hereafter known as "IPRAWA".

#### 1 GENERAL

The **Invited IP** class of vehicles are those that do not fully conform to the 3J rules detailed in Specifications of Automobiles - Group 3J - IP (Group 3J Regulations) as detailed in the MA Manual of Motor Sport, but are permitted to compete in this class on the following conditions:

- (a) **Invited IP** automobiles are not eligible to score points
- (b) **Invited IP** automobiles must comply to these Invited IP Class Rules
- (c) **Invited IP** automobiles must also comply to the 2022 3J Improved production regulations where these regulations are silent

#### 2 CATEGORY ORGANISERS

The organising category for invited Improved competition is known as IPRAWA Inc.

#### 3 VEHICLE COMPETITION CLASSES

**Invited IP** is a WA state only invited class running with IP vehicles and is not a state or national championship. The **invited IP** class will be a Club championship only class with all trophy's supplied by IPRAWA.

#### 4 COMPETITION REGISTRATION

To be eligible to score club points (**Invited IP class**) the driver must be a financial member of IPRAWA.

#### 5 ELIGIBLE AUTOMOBILES

**The onus of proof of eligibility rests with the individual competitor at all times.**

Prior to entering in any IP event, the entrant must register the automobile's details with the secretary of IPRAWA who will maintain a register of the automobile's specifications and provide approval to race as an invited IP car.

The automobile is not to compete if the changes have not been applied to the register and written confirmation received in writing and the automobile's compliance sticker noted.

Automobiles compliant with the regulations of the following categories are permitted to complete as an **Invited IP** automobile provided that they remain in compliance with one category's set of regulations.

- 3E Production Cars (excluding sports cars)
- 3C Production Rally cars (Passenger's seat may be removed)
- Tarmac Rally cars (excluding sports cars)
- Toyota 86 series

All vehicles must be fitted with the IP control tyre. Exemption from the control tyre requirement *may be* granted for the first event only.

Other non-compliant touring cars with may be accepted if deemed by IPRAWA inc. that they are within the spirit of the category.

#### **6 TURBO & ENGINE:**

Automobiles in the Invited IP cars are permitted to run unrestricted provided that the automobile must only use the same make and model of Turbo that was fitted as OEM standard to that make and model of automobile.

Supercharged/Turbocharged automobiles produced before the 1<sup>st</sup> of January 1986 are only permitted in the Invited IP class if the entrant can prove that the vehicle was turbo charged and log booked prior to January 1st, 2022.

Engine blocks must be IPRA eligible, and of the same configuration, have the same number of cylinders and be from the same manufacturer as the entered automobile.

#### **7 GEARBOX:**

The gearbox is free, except for the following limitations:

- Gear selection must only be via a mechanical gear lever connected to the gearbox unless the original automobile was produced with an electronic method of selecting gears.
- If electronic gear shift actuation is used, only the automobile's OEM supplied gearbox and gear selection method may be used.
- no more than 6 forward gears are permitted unless the automobile had with more than 6 forward gears in OEM form. If an automobile had more than 6 gears in OEM form, the automobile is still limited to 6 forward gears unless the original gearbox is being used, in which case the number of forward gears is limited to the number supplied with that automobile.

#### **8 BODY:**

The Firewall cannot be altered from its original shape.

Hanging panels may have the panel supports lightened or removed.

Side and rear windows may be replaced with Perspex and their window regulators may be removed

All invited IP cars are permitted to flare their guards, to the limits provided by regulation 3.4 of the 2022 3J improved production regulations.

#### **9 AERO DEVICES:**

A single element wing or spoiler may be fitted to any Invited IP automobile. Dimensions of the wing or spoiler must be no more than 20% larger than would be permitted within the 2022 3J Improved production regulations.

#### **10 SUSPENSION:**

The suspension must be of the same design as original i.e., Mc person strut, double wishbone.

Suspension mounting points are restricted to the original locations.

Suspension arms and control arms are free provided that must they mount in the original locations.

#### **11 STEERING:**

Steering system is free if the replacement is from an eligible vehicle.

## APPENDIX A.

### VEHICLE MARKINGS

Each vehicle shall display the minimum weight (in whole kilograms), maximum rim width (in whole inches) Class if invited) at all times during competition events. This number shall be known as the "*Weight Number*".

- (a) The *Weight Number* displayed will be formatted and comprise of the following information: MINIMUM WEIGHT – MAXIMUM RIM WIDTH – Class IP or Invited, 3e, 3c, TRC, PRC.
- (b) The displayed *Weight Number* shall be black text on a white background. Minimum height of the text is 35mm and it shall be formed from either "Helvetica Bold", "Zurich Bold" or "Arial Bold" typestyles.
- (c) The size of the displayed *Weight Number* and background shall be in accordance with diagram 4a) or Diagram 4b). The location of the *Weight Number* shall be within the highlighted area in accordance with diagram 5a) indicating placement and 5b) showing examples for signage on the left-hand side of the vehicle.

Diagram 4a)



Diagram 4b)

