

TECHNICAL BULLETIN

GROUP 3C – PRODUCTION RALLY CARS (PRC)

REFERENCE:

CAMS Online Manual of Motor Sport, Rally Road, Group 3C – Production Rally Cars (PRC)

http://www.camsmanual.com.au/04_rally_road.asp

RATIONALE:

Following a recent approval by the Australian Rally Commission for substitute components, a table describing this is to be included in the Regulations. This will be added to as approvals are sought and approved with ARCom.

ACTION:

Amend the Group 3C – Production Rally Cars (PRC) as indicated below:

3. MODIFICATIONS ALLOWED

(xxvii) **Supercharging/turbocharger** pressure may be modified in accordance with Article 3.3(xxv) and Article 3.2(i) (General Conditions). It is also permitted to make the connection between the actuating diaphragm and the wastegate adjustable, even if it is not originally so. The intercooler pipes are free, whilst they are not part of the actual intercooler. (It is not permitted to fit any pressure adjusting device outside the engine compartment, unless it is homologated.)

For the P6 class, and 2WD cars manufactured more than 10 years prior to 1 January of the year of the competition being conducted, the following additional provisions apply:

- A substitute supercharger/turbocharger unit may be approved by the Australian Rally Commission upon application. To enable fitment to the exhaust manifold, an adaptor or modification of the mounting flange may be permitted.

The substitute supercharger/turbocharger unit shall comply with one of the following options:

Option 1:

The air inlet orifice and the compressor and turbine wheels shall be within 10% of the dimensions of the original supercharger/turbocharger unit.

OR

Option 2:

The replacement turbo/supercharger unit shall **have the same size or smaller air inlet orifice as the original, or shall** be fitted with an air inlet restrictor of the same dimension as

the original supercharger air inlet orifice which complies with Supercharger Sealing Requirements Article 1 and Drawing 254-4.

To be eligible for use the substitute component, and where applicable its restrictor size, shall be approved by ARCom and shall be published in the PRC regulations.

Approved substitutions will take effect from 1 January of the following year.

Approved Substitute Turbo/Superchargers

<u>Vehicle Make/Model</u>	<u>FIA Homologation Number (where applicable)</u>	<u>Replacement Turbo Make/Model</u>	<u>Maximum Air Inlet Orifice Diameter</u>
<u>Daihatsu Charade G102 GTti</u>	<u>A-5344</u>	<u>IHI RHF5 VJ35</u>	<u>32.6mm</u>

- The original intercooler may be replaced provided the replacement intercooler retains the same surface area dimensions as the original and is fitted in the same location.

END