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2019 Specific Technical Regulations for Rallying FMSCI INRC – R

1. Normally aspirated engines – Up to 2000cc and Supercharged engines – Up to 1333cc

Addition - Crossing the limit of 2000cc NA or 1333cc Supercharged is permitted, provided that this limit was crossed only by means of reboring to a maximum of 0.5mm over the homologated bore.

2. INTAKE MANIFOLD- FREE

Addition - If the injectors are located in / through the inlet manifold, it is allowed to relocate the injectors in the inlet manifold. The inlet manifold is free

3. INTERCOOLER- FREE. *The intercooler may be relocated, only in the engine bay or ahead of the radiator provided it is within the body work of the car.*

Ducts and the pipes of the supercharging system are free, but their only function must be to channel air and to join various parts together.

Addition – Ducting of cooling air to the intercooler is permitted from the bumper/front grill with a **maximum outer diameter of 10 cm or two cooling ducts of 7 cm diameter or any other shape so long as the area is equal to, or less than those mentioned above. These ducts may be made of composite material. Water spray system may be adopted.**

4. BODYWORK


Addition – The front grill is free. The strengthening of suspension pickup points on the chassis is permitted even though this may form a box section

5. CRANKSHAFT

Addition – All engine pulleys are free along with the drive belt.

6. EXHAUST MANIFOLD

Addition – Free for Supercharged vehicles also.

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7. **FLYWHEEL**- Reads as- 1.11– *ENGINE FLYWHEEL- Material: steel Minimum weight - Weight of the original homologated flywheel decreased by a maximum of 15% is permitted. Diameter of the starter ring gear and the number of teeth must be retained.*

Change – Flywheel is Free. Diameter of the starter ring gear and the number of teeth must be retained. Only Steel or Aluminium alloy or a combination of both is permitted. No exotic materials are permitted (Titanium, composites etc)

8. **INJECTORS**

Addition – Blow off valve and fuel pressure regulators are free.

9. **GEAR BOX**

READS AS---*GEAR BOX- FREE. The number of Mountings and their anchorages may be modified. Gear Ratios Free, Synchronized or Non Synchronized (Dog Box) and Sequential gear boxes are permitted (Mechanical only). Linkages are free. An additional oil cooling device may be used*

Change - GEAR BOX- FREE. The number of Mountings and their anchorages may be modified. Gear Ratios Free, Synchronized or Non Synchronized (Dog Box) and Sequential gear boxes are permitted. Linkages are free. Internal shifting methods are free. An additional oil cooling device may be used

10. **FUEL TANK AND CIRCUIT** –

Change – The fuel tank capacity is free. The OE fuel tank may be replaced with any other OE fuel tank, provided that original seam welding remains untouched. The fuel tank may be relocated in the boot so long as there is a complete cover and this should be fire and leak proof. The filler cap must be located on the body (external) and must have a breather/vent which is located open to atmosphere. All fuel lines are free.

11. **BONNET VENTS**

Change – Bonnet vents/scoops are free. These modifications are limited to the bonnet only. This will be in addition to the roof scoops for the driver and navigator.

**** END ****

NOTE:

Change - Means that the original wording is to be ignored and the new wording to be adopted.

Addition - Means that this is in addition to the original wording