

BULLETIN-1- INRC-R REGULATIONS-2020 CHANGES TO THE TECHNICAL REGULATIONS

1. Reads as

Eligible vehicles-2020

Changed to

Eligible vehicles- PETROL ENGINES ONLY-2020

2. Reads as

5- INJECTORS- May be modified or replaced in order to modify their delivery, but without modifying their working principle, nor their mountings. Blow off valves and fuel pressure regulators are free

Changed to

5 – INJECTORS- May be modified or replaced in order to modify their delivery and relocated-provided the numbers remain the same as homologated. Blow off valves and fuel pressure regulators are free

3. Reads as

12-FRONT AND REAR RUNNING GEAR-Strengthening of Sub frames by addition of material is permitted. A silent block may be replaced by any other type of joint, collaring is authorised. Upper plate for the mounting of shock absorber to chassis is free. Front and rear hubs may be modified. Wheel carriers and hub carrier supports may be strengthened. (hollow sections authorised).

WISHBONES- Strengthening of wishbones are allowed only by addition of material and in contact with it on condition that the original parts remain easily identifiable and that the reinforcements do not allow to join two distinct parts together. Spring seats may be removed if they are not used. Silent block bushes may be replaced with uniball joints or plain bearings.

FRONT AND REAR SUB FRAMES- Modifications are allowed.

HELICOIL SPRINGS- Free along with their numbers. Parts for preventing the springs from moving in relation to their mounting points are authorised.

TORSION BARS- Free. These freedoms on torsion springs do not authorise one to disregard the ground clearance.

FRONT AND REAR ANTIROLL BARS- Free. The anti-roll bars homologated by the manufacturer may be removed or disconnected.

SHOCK ABSORBERS- FREE. Whatever the type of shock absorbers used, plain bearings are mandatory and the use of ball bearings with linear guidance is prohibited.

Suspension travel limiters are allowed

FRONT AND REAR SUSPENSION TOP MOUNTS- Free design.

Changed to

12- FRONT AND REAR RUNNING GEAR- Strengthening of Sub frames by addition of material is permitted. A silent block may be replaced by any other type of joint, collaring is authorised. Upper plate for the mounting of shock absorber to chassis is free. Wheel carriers and hubs are FREE, provided a maximum of 50mm over the homologated track width is not exceeded.

TRACK WIDTH--A maximum of 50mm more than the homologated track width is permitted.

WISHBONES- FREE (Suspension arms- front and rear) . Spring seats may be removed if they are not used. Silent block bushes may be replaced with uniball joints or plain bearings.

FRONT AND REAR SUB FRAMES- Modifications are allowed.

HELICOIL SPRINGS- Free along with their numbers. Parts for preventing the springs from moving in relation to their mounting points are authorised.

TORSION BARS- Free. These freedoms on torsion springs do not authorise one to disregard the ground clearance.

FRONT AND REAR ANTIROLL BARS- Free. The anti roll bars homologated by the manufacturer may be removed or disconnected.

4. Reads as

SHOCK ABSORBERS- FREE. Whatever the type of shock absorbers used, plain bearings are mandatory and the use of ball bearings with linear guidance is prohibited.

Suspension travel limiters are allowed

FRONT AND REAR SUSPENSION TOP MOUNTS- Free design.

Changed to

SHOCK ABSORBERS- FREE. Provided the original system is maintained. E.g. If the original car had a McPherson type suspension damper system, the same has to be maintained . Whatever the type of shock absorbers used, plain bearings are mandatory and the use of ball bearings with linear guidance is prohibited.

Suspension travel limiters are allowed

FRONT AND REAR SUSPENSION TOP MOUNTS- Free design

5. Reads as

14-BRAKING SYSTEM– For each wheel one cooling duct with a maximum diameter of 10 cm is allowed or two cooling ducts of 7 cm diameter is allowed, these ducts may be made of composite material.

Only the following mounting points are authorised for fixation of lines to bring the cooling air to the brakes.

- Original apertures in the body work, e.g. for fog lamps, may be used to bring cooling air to the brakes; the connection of the air ducts to the original apertures in the bodywork is free, provided these apertures remain unchanged.
- If the car does not have any original apertures, two circular apertures of a maximum diameter of 10 cm, or equivalent section,, may be made in the front bumper.
- A device for scraping away mud which collects on the brake discs and / or the wheels may be added.
- A device to protect the brakes from flying stones may be added.
- Servo brakes- free
- Brake linings- material and mounting method (riveted or bonded) are free provided the dimensions of the linings are retained.
- **Brake rotors are free as long as they are housed within the wheel rim.**
- Pedal box- free or the original may be modified.
- Tandem Master cylinder- free.
- Front and rear pressure regulator / limiter- free.

Handbrake – Free. It is permitted to modify / replace the hand brake provided it remains on the central tunnel. Dual rear handbrake (standard one and Hydraulic system) is permitted

- Front callipers- free. The calliper support is free.

Changed to

14-BRAKING SYSTEM – Disc brakes along with the complete braking unit are free for the front and rear, even if the original vehicle did not have one. Brake rotors can only be made of steel. For each wheel one cooling duct with a maximum diameter of 10 cm is allowed or two cooling ducts of 7 cm diameter is allowed, these ducts may be made of composite material. **Brake rotors are free as long as they are housed within the wheel rim.**

Only the following mounting points are authorised for fixation of lines to bring the cooling air to the brakes.

- Original apertures in the body work, e.g. for fog lamps, may be used to bring cooling air to the brakes; the connection of the air ducts to the original apertures in the bodywork is free, provided these apertures remain unchanged.
- If the car does not have any original apertures, two apertures of a maximum diameter of 10 cm, or equivalent section, may be made in the front bumper.

- A device for scraping away mud which collects on the brake discs and / or the wheels may be added.
- A device to protect the brakes from flying stones may be added.
- Servo brakes- free
- Brake linings- material and mounting method (riveted or bonded) are free.
- Pedal box- free or the original may be modified.
- Master cylinder/s- free.
- Front and rear pressure regulator / limiter- free.
- Handbrake – Free. It is permitted to modify / replace the hand brake provided it remains on the central tunnel. Dual rear handbrake (standard one and Hydraulic system) is permitted
- Front callipers- free. The calliper support is free.

6. Reads as

18-BODYWORK- Internal and external

- Strengthening of chassis is allowed by welding or addition of sheet metal so long as it follows the shape of the original part.
- **The window glass of the rear doors, rear windshield glass may be replaced with fixed Perspex / acrylic sheets, so long as the transparency of the original glass is maintained and fixed with bolts or rivets. The winding mechanisms may be removed.**
- Front and rear wheel arches – It is permitted to fold back the metal edges or reduce the plastic edges of the fenders and bumpers if they protrude into the wheel housing
- Plastic and sound proofing parts may be removed from inside the wheel arches. These parts may be replaced with parts made from aluminium or composite material of the same shape
- The original dashboard must be retained. It is permitted to remove the glove compartment cover and the central console. Door pads may be replaced with fabricated ones.
- All parts of the AC/heating system may be removed
- The dashboard may be modified to accommodate the fitment of roll cage, navigational instruments etc.
- Floor carpets are free and may thus be removed
- All sound proofing materials may be removed
- The capacity of the windshield water tank is free
- Additional safety fastenings for the windscreen and side windows are permitted
- The bumper mountings are free so long as the original shape of the bodywork and the bumper remain the same

Changed to

18-BODYWORK- Internal and external

- Strengthening of chassis is allowed by welding or addition of sheet metal so long as it follows the shape of the original part.
- The window glass of the rear doors, rear windshield glass may be replaced with fixed Perspex / acrylic sheets, so long as the transparency of the original glass is maintained and fixed with bolts or rivets. The winding mechanisms may be removed.
- Front and rear wheel arches – It is permitted to add wheel arches, to cover the wheels when the track width of 50mm extension is used. It is permitted to fold back or cut the fender to accommodate the wheel travel and reduce the plastic edges of the fenders and bumpers if they protrude into the wheel housing.
- Front and rear bumpers may be fabricated using fibreglass etc provided it follows the identical shape of the original, supplied by the manufacturer or where specific modification is permitted in these regulations. Eg. ducting.
- Plastic and sound proofing parts may be removed from inside the wheel arches. These parts may be replaced with parts made from aluminium or composite material of the same shape
- The original dashboard must be retained. It is permitted to remove the glove compartment cover and the central console. Door pads may be replaced with fabricated ones.
- All parts of the AC/heating system may be removed
- The dashboard may be modified to accommodate the fitment of roll cage, navigational instruments etc (The dashboard may also be modified to allow fitment of and operation of any component / part / sub assembly of a part that is specifically permitted in the regulations)
- Floor carpets are free and may thus be removed
- All sound proofing materials may be removed
- Electrically operated door windows may be replaced with mechanically operated ones
- The capacity of the windshield water tank is free
- Additional safety fastenings for the windscreen and side windows are permitted
- The bumper mountings are free so long as the original shape of the bodywork and the bumper remain the same

TECHNICAL COMMISSION-FMSCI

