



Belgian Rally Championship 2023

APPENDIX VIII – Control of homologated FIA Boost control system.

Rally2 cars entered in the Belgian Rally Championship must comply with FIA art.261 of appendix J 2023.

Cars must be equipped with an homologated FIA Boost control system.

304-1 Turbocharger

304-2 The Turbocharger must be homologated in VRa2.

The turbocharger bracket is of free design.

No additional supercharging device relative to the original is authorised. The maximum internal diameter of the restrictor is 32 mm and the maximum external dimension is 38 mm, in the conditions set out in Article 255.5.1.8.3 of the 2019 Appendix J.

This diameter may be revised at any time without notice.

All the air necessary for feeding the engine must pass through this restrictor.

The turbo speed sensor must not be situated between the restrictor minimum diameter and the plane tangent to the top of the blades of the impeller wheel.

The maximum boost pressure is 2.5 barA.

The homologated FIA boost control system (pop-off valve, see FIA Technical list n°43) must be fitted on the FIA pipe as described on the homologation form.

Its mounting must be carried out in such a way that two screws have to be entirely removed in order to be able to separate it from the FIA pipe.

These screws may be sealed by the scrutineers.

Waste-gate : The pin used to connect the waste-gate actuator to the turbocharger may be changed.

We remind competitors that:

- The tool used to control the homologated FIA Boost control system is deemed correct and will be available to the competitor during the initial scrutineering of the event. This allows the competitor to verify their homologated FIA Boost control system.
- The control the homologated FIA Boost control system can be performed at any time and any atmospheric conditions.

The control of the homologated FIA Boost control system (hereafter “pop-off valve”) will be done according to the following procedure:

- Take the Pop-Off and check that the seal is in good condition.
- Install the Pop-Off on the test tool.
- Test the Pop-Off according to the testing procedure of the tool. This test must be performed 4 times.

Criteria for acceptance

- The Pop-Off must be listed in FIA Technical list n°43.
- Carry out the test 4 times.
- Disregard the first result.
- Work out the average of the last 3 results.
- The Pop-Off is considered to be in conformity with the specification homologated by the FIA if the average of the results is lower than 1.65 barR.