

# Rally2/R5 Homologation

## Pop-Off Valve Scrutineering Procedures

### Introduction

From 1<sup>st</sup> January 2026, all homologated, or formerly homologated Rally2/R5 vehicles must run as homologated with the exception of the modifications required to facilitate a right-hand drive conversion. This includes utilising a Pop-Off Valve as per FIA Technical n°43 (Pop-Off Valve + insert).

This guidance document is designed to assist scrutineers with the implementation and management of this regulation change.

Version	Publication date
V01/26	05/03/2026

### 1. Applicable regulation references

Motorsport UK National Competition Rules -

- Motorsport UK NCR Ch.13 App.24 Chart 50
- Motorsport UK NCR Ch.13 App.16 Art.4.2.a

FIA International Sporting Code

- Rally2/R5 cars: FIA Appendix J Art. 261 Art.304-2.
- Rally2 Kit/R4 Kit cars: FIA Appendix J Art. 260E Art.304-2.
- FIA Technical list n°43 (Pop-off valve + insert)

### 2. Parameter to measure:

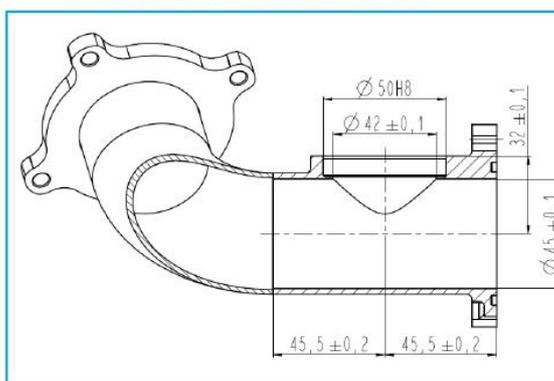
Homologation and actuation of Pop-Off Valve

### 3. Parts

#### 3.1 – FIA Boost Control Pipe

The FIA Boost Control Pipe is individual to the make/model of car. The specification, dimension drawings and associated images will be in the FIA homologation document for the vehicle, presented per the example below

C11-9) Dessin du tube de contrôle de suralimentation FIA - déposé  
Drawing of FIA boost control pipe - dismounted



C11-10) Tube contrôle suralimentation FIA - Monté dans son emplacement  
FIA boost control pipe - Mounted in its location



### 3.2 – Insert

The insert goes inside the Boost Control Pipe and is homologated with the Pop-Off Valve, the part numbers are detailed on FIA Technical List no.43



### 3.3 – Pop-Off Valve

FIA Homologated Pop-Off Valves are listed in FIA Technical list No.43 (The Technical list may be updated)



FIA-R5-PopOff-008



FIA-R5-PopOff-009

## 4. Checking Equipment

### 4.1 - Valve stroke tool



### 4.2 – Operating pressure tester



For details on how to purchase the checking equipment please contact the Motorsport UK Technical Team

## 5 - Checking Procedure (Pre-event)

5.1 - Disassemble the Pop-Off Valve and check that the seal is in good condition and that the insert is well installed, as in the picture:



5.2 - Visual inspection and cross reference to Technical List 43

- The Pop-Off Valve is FIA homologated (see TL n°43 & identification sticker).
- Visual control: The Pop-Off Valve has not been modified in any way.

5.3 - Valve stroke

- Place the tool in the bottom part of the valve.
- Introduce it through the holes and press it until the final of the stroke three times.



5.4 - Finally, and only in the presence of a Scrutineer, the valve will be assembled by the team, after installing the FIA insert for this purpose, and sealed by the Scrutineer.

5.5 - Maximum 2 Pop-Off Valves will be checked at pre-event scrutineering unless agreed by the Chief Scrutineer.

## 6 - Scrutineering controls during an event

6.1 - The Pop-Off valve may only be changed during Permitted Service time as detailed in the Official Documents, the Competitor must request the scrutineer to be present when changing the Pop-Off Valve.

6.2 - The new Pop-Off Valve and the old Pop-Off Valve will be checked following the same procedure as pre-event scrutineering.

6.3 - The sealing of the Pop-Off Valve may be changed at any time during the Event.

## 7 - Post Event Scrutineering

7.1 - The Pop-Off Valve assembly may be dismantled only in the presence of a Scrutineer and after receiving the order from him/her.

7.2 - Pop-Off Valve stroke actuation will be checked.

7.3 - If required, the Pop-Off Valve will be sealed and returned to Motorsport UK for opening pressure testing.

- Pop-Off Valves will be presented to Angle Consulting by Motorsport UK for pressure testing
- The results of the opening pressure test will be final.

*Motorsport UK Technical – 05/03/2026*