

Bulletin 2019-03



Subject: Boost Limit

Issue Date: May 17th 2019

Effective date: Immediate

12.5.3.2 Boost limit (and 12.7.3.2)

A series-specific boost limiting device, or pop-off valve, is required for all Drivers having a Speed Factor of 70 or higher. The pop-off valve, in conjunction with the restrictor, is designed to cap the performance of forced induction engines. It is a precision mechanical valve that opens at a predetermined manifold pressure, effectively limiting the maximum boost pressure available.

Upon achieving a Speed Factor of 70, the competitor is responsible for having a pop-off valve installed in their vehicle within 3 months of the event at which the Speed Factor was earned.

Drivers that don't have a current CRC speed factor will be dealt with as follows:

1. Returning drivers who previously had a CRC speed factor >70 will require a pop-off valve.
2. Drivers from other sanctioning bodies or series will have their performance history assessed by the CRC Series Manager to determine the need for a pop-off valve.

Boost is limited to 2.5 bar absolute (1.5 bar nominal boost) using a series specific, tamper proof “pop-off” valve installed in the induction tract, downstream of the turbo. The pop-off valve must be clearly visible with the vehicle hood open. The part number of the valve is:

CARS – XXX (where XXX is the valve serial number).

Any tampering with the “pop-off” valve is grounds for exclusion and possible further sanction.

The pop-off valve attachment flange may be purchased from various suppliers or manufactured by the competitor. However, the air passage to the pop-off valve must be a minimum of 32mm diameter. The flange shall be installed directly to the induction plumbing in such a manner that all induction air must pass the flange and pop-off valve.