



Date: 2017, June, 14th

Technical Bulletin No. 12

Maximum Absolute Supercharging Pressure

Values defined at BoP Test and corrected during the first five TCR International Events 2017.

<u>TCR Car Models</u>	<u>Maximum supercharging absolute pressure [mbar]</u>		
	<u>100% power</u>	<u>95% power</u>	<u>90% power</u>
Alfa Romeo Giulietta TCR	2670	2570	Still to submit
Audi RS 3 LMS SEQ	2750	2670	2570
Audi RS 3 LMS DSG	2760	2665	2565
Honda Civic TCR	2620	2525	2475
Honda Civic TCR 2016	2620	2525	2475
KIA Cee'd	2770	2500	2430
Lada Vesta TCR*	2345	2155	2110
Opel Astra TCR	2700	2570	2440
Peugeot 308 Racing Cup TCR	2980	2730	2620
SEAT LCR TCR SEQ V3	2750	2670	2570
SEAT Leon TCR SEQ V2 (2016)	N/A	N/A	N/A
SEAT LCR TCR DSG V3	2760	2665	2565
SEAT Leon TCR V2 DSG (2016)	N/A	N/A	N/A
SEAT LEON CUP RACER MK3 TCR (2015)	N/A	N/A	N/A
Subaru STi TCR*	2420	Still to submit	Still to submit
Volkswagen Golf GTI TCR SEQ	2750	2670	2570
Volkswagen Golf GTI TCR (2016)	N/A	N/A	N/A
Volkswagen Golf GTI TCR DSG	2760	2665	2565

*- Temporary Form

Checking Algorithm (Exhaustive description will be published soon):

- Sampling rate: 100Hz
- Running average over 50 points to define the boost pressure to be compared to the imposed limit.
- During a period of 1s after each upshift a Gear Upshift Window of 300ms will be considered if the boost pressure will exceed the imposed limit. The Gear Upshift Window starting moment will be defined by the 1st detected over boost value. During the Gear Upshift Window the boost pressure values will not be monitored.
- The upshift moment will be considered the reaching of the lowest engine rev value at the end of process.



If it is necessary, the Software Check Numbers will be redefined under supervision of the TCR Technical Team, to install the imposed boost limit. Eventual new Software Check Numbers will be published in the TCR Technical Bulletin.

The boost values may be corrected taking into account objective factors.

A handwritten signature in blue ink, appearing to read 'A Bellu'.

Andreas Bellu / TCR Technical Director