



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

TC COMMITTEE – 2021

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Request details

Request number (to be completed by the Committee) : **TC –R 2021/02**

Request date: 02/06/2021
Championship(s) concerned: FIA WTCR World Touring Car Cup

Details concerning the applicant

Company name: N/A
Type: (manufacturer/team) Manufacturer Team
* Please select the appropriate status.

First name:
Last name (legal representative):
Title(position/function):
Address:

Country:
Phone:
Fax:
Mobile:
Email:

Details relating to the vehicle concerned

Make and model: To All Concerned
FIA homologation number/
National homologation number:
Chassis frame number:

Full description of the request

Appendix 1 WTCR Sporting Regulations.

Updated BoP Chart prior to 2021 WTCR Rd 1 – Race of Germany. Please see following pages.

This version introduces no changes to BoP parameters nor changes to engine calibrations from the version published on 26/05/2021 as TC –R 2021/01.

New calibration versions and checksums are introduced following an update of TCR ECU firmware.
Boost limit adjustments are applied for improved efficacy of the TCR Turbocharger Boost Monitoring Method.

Reason(s): Balance of performance.

Missions concerned (to be completed by the Committee)

- 1) examination of any request for a technical change concerning the FIA Technical Passport of a vehicle,
- 2) conformity with the spirit of the FIA WTCR Technical Regulations,
- 3) prohibition of any developments that would result in a significant increase in the costs of cars,
- 4) examination of any request from competitor wishing to take part in a FIA event with a car complying with other TCR Technical Regulations,
- 5) Balance of Performance (BOP) to review the relative performance of the various different formats of vehicles and any other parameters, with the objective of maintaining equal opportunity for all competitors.
- 6) at any moment during the season, to reconsider the technical dispensations granted for performance reasons.

Decision (to be completed by the Committee)

- Accepted as requested
- Accepted subject to the approval of the TC Technical Working Group
- Accepted subject to the approval of the TC Commission
- Refused
- Suspended
- Accepted with the following modifications/conditions:

Accepted by the TWG
on:

Conditions fulfilled
on:

Reason: Balance of performance

Period of validity/application of the decision (to be completed by the Committee)

This decision comes into effect:

- with immediate application
- from: (exact date)
- from the following Event:

and is applicable:

- until further notice.
- for the above-mentioned Event(s) only.

Signatures of the Committee members

Alan Gow



Dennis Carter



Xavier Mestelan Pinon



DECISION NUMBER: TC – R 2021/02

Time of notification

Hours: 19:00 Date: 02/06/2021

This decision is notified to the applicant concerned in accordance with the applicable Sporting Regulations and TC Committee Internal Regulations.

It is available via the private area of the FIA website www.fia.com

It has been sent, for information, to the FIA Officials concerned, to the Secretary General of the FIA (sport).

Right of protest: The decisions taken by the TC Committee may not form the subject of an appeal.



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

WTCR Balance of Performance and Compensation Weight - V01.1

Make	Model	Power Level	Minimum Racing Weight [Kg]	BoP Weight [Kg]	CW Calculation [Kg]	CW New Model [Kg]	CW Wild Card [Kg]	CW Total [Kg]	Total Minimum Weight [Kg]	Minimum Ride Height [mm]
AUDI	RS3 LMS TCR	C5	1265	+40					1305	80
CUPRA	LEON COMPETIÓ	C5	1265	+20					1285	70
HONDA	CIVIC FK7	C5	1265	+10					1275	70
HYUNDAI	ELANTRA N TCR	C5	1265	+0					1265	80
LYNK&CO	03 TCR	C4	1265	+60					1325	80

AUDI	RS3 LMS TCR
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Engine	EA888Evo4	RPM	PBoost [mbar]	λ [-]	
ECU Make (Type)	Marelli SRG141 (Common)	4000	2090	0.87	
Power Level	C5	4250	2110	0.87	
Calibration File	CU-EA888Evo4-C-H-S_1.3.5.clx	4500	2100	0.87	
Correction [mbar/°C]	8	4750	2105	0.87	
Checksum	crcAPP	0x821E25ED	5000	2155	0.87
	crcPartSign	0x9F9A8B06	5250	2345	0.87
	crcPartZero	0x965132BA	5500	2475	0.87
	crcPartOne	0x829C916F	5750	2530	0.87
			6000	2485	0.87
			6250	2470	0.87
			6500	2415	0.87
			6750	2365	0.87
			6900	2270	0.87
			7000	2240	-

CUPRA	LEON COMPETITION TCR
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Engine	EA888Evo4	RPM	PBoost [mbar]	λ [-]	
ECU Make (Type)	Marelli SRG141 (Common)	4000	2090	0.87	
Power Level	C5	4250	2110	0.87	
Calibration File	CU-EA888Evo4-C-H-S_1.3.5.clx	4500	2100	0.87	
Correction [mbar/°C]	8	4750	2105	0.87	
Checksum	crcAPP	0x821E25ED	5000	2155	0.87
	crcPartSign	0x9F9A8B06	5250	2345	0.87
	crcPartZero	0x965132BA	5500	2475	0.87
	crcPartOne	0x829C916F	5750	2530	0.87
			6000	2485	0.87
			6250	2470	0.87
			6500	2415	0.87
			6750	2365	0.87
			6900	2270	0.87
			7000	2240	-

HONDA	CIVIC FK7
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Engine	K20CRE	RPM	PBoost [mbar]	λ [-]	
ECU Make (Type)	Marelli SRG141 (Common)	4000	2205	0.84	
Power Level	C5	4250	2205	0.84	
Calibration File	HO-K20CRE-C-X-S_1.2.0.clx	4500	2195	0.84	
Correction [mbar/°C]	10	4750	2170	0.84	
Checksum	crcAPP	0x821E25ED	5000	2205	0.84
	crcPartSign	0x9F9A8B06	5250	2315	0.84
	crcPartZero	0xD9CB1A4	5500	2485	0.84
	crcPartOne	0xD21C1152	5750	2565	0.85
			6000	2585	0.85
			6250	2525	0.82
			6500	2455	0.82
			6750	2425	0.82
			6900	2325	0.81
			7000	2030	-

HYUNDAI	ELANTRA N TCR
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Engine	Theta2G4KHN	RPM	PBoost [mbar]	λ [-]	
ECU Make (Type)	Marelli SRG141 (Common)	4000	2400	0.86	
Power Level	C5	4250	2410	0.86	
Calibration File	HY-Theta2G4KHN-C-X-S_1.2.5.clx	4500	2415	0.86	
Correction [mbar/°C]	7	4750	2430	0.86	
Checksum	crcAPP	0x821E25ED	5000	2470	0.86
	crcPartSign	0x9F9A8B06	5250	2530	0.86
	crcPartZero	0x2181DCAB	5500	2555	0.86
	crcPartOne	0xE4D3C102	5750	2560	0.86
			6000	2560	0.86
			6250	2535	0.86
			6500	2470	0.84
			6750	2355	0.84
			6900	2300	0.84
			7000	2260	-

LYNK & CO	03 TCR
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Engine	B4204T27	
ECU Make (Type)	Marelli SRG141 (Common)	
Power Level	C4	
Calibration File	LY-B4204T27-C-X-S_1.1.5.clx	
Correction [mbar/°C]	9	
Checksum	crcAPP	0x821E25ED
	crcPartSign	0x9F9A8B06
	crcPartZero	0xFA2F7AE9
	crcPartOne	0x4CD87225

RPM	PBoost [mbar]	λ [-]
4000	2470	0.81
4250	2470	0.81
4500	2470	0.81
4750	2490	0.81
5000	2530	0.81
5250	2530	0.81
5500	2545	0.80
5750	2525	0.79
6000	2525	0.79
6250	2525	0.79
6500	2480	0.79
6750	2410	0.79
6900	2350	0.79
7000	2310	-