



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

TC COMMITTEE – 2021

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#### Request details

Request number (to be completed by the Committee) : **TC –R 2021/07.1**

Request date: 14/10/2021  
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 & CW Chart prior to 2021 WTCR Rd 6 – Race of France. Please see following pages.

**UPDATE FROM V.06** - In response to a recent CAN bus issues on the Hyundai Elantra N TCR, Marelli have prepared a debugging version of the TCR ECU firmware to improve diagnostic capabilities. This change does not affect any engine calibration parameters. Therefore, the *crcAPP* calibration of the Hyundai Elantra N TCR is the only change from the previously published version.

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 2021/07.1**

**Time of notification**

Hours: 15:00 Date: 14/10/2021

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](http://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.



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**WTCR Balance of Performance and Compensation Weight - V06**

Make	Model	Power Level	Minimum Racing Weight [Kg]	BoP Weight [Kg]	CW Calculation [Kg]	CW New Model [Kg]	CW Wild Card [Kg]	CW Adjustment* (Kg)	CW Total [Kg]	Total Minimum Weight [Kg]	Minimum Ride Height [mm]
AUDI	RS3 LMS TCR	C5	1265	+10	+10			-10	0	1275	70
CUPRA	LEON COMPETIÓ	C5	1265	+0	+40			-10	30	1295	70
HONDA	CIVIC FK7	C5	1265	+20	+50			-10	40	1325	70
HYUNDAI	ELANTRAN TCR	C4	1265	+10	+60			-10	50	1325	80
LYNK&CO	03 TCR	C4	1265	+50	+20			-10	10	1325	80

*\*10kg removed from all models in compliance with Art. 29.1.b.iii*

14/10/2021

FIA Public

<b>AUDI</b>	<b>RS3 LMS TCR</b>
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Engine	EA888Evo4	RPM	PBoost [mbar]	$\lambda$ [-]
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	<b>crcAPP</b> 0x15F54A7E	5000	2155	0.87
	<b>crcPartSign</b> 0x9F9A8B06	5250	2345	0.87
	<b>crcPartZero</b> 0x965132BA	5500	2475	0.87
	<b>crcPartOne</b> 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	-

<b>CUPRA</b>	<b>LEON COMPETITION TCR</b>
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Engine	EA888Evo4	RPM	PBoost [mbar]	$\lambda$ [-]
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	<b>crcAPP</b> 0x15F54A7E	5000	2155	0.87
	<b>crcPartSign</b> 0x9F9A8B06	5250	2345	0.87
	<b>crcPartZero</b> 0x965132BA	5500	2475	0.87
	<b>crcPartOne</b> 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	-

<b>HONDA</b>	<b>CIVIC FK7</b>
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Engine	K20CRE	RPM	PBoost [mbar]	$\lambda$ [-]
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	<b>crcAPP</b> 0x15F54A7E	5000	2205	0.84
	<b>crcPartSign</b> 0x9F9A8B06	5250	2315	0.84
	<b>crcPartZero</b> 0xD9CB1A4	5500	2485	0.84
	<b>crcPartOne</b> 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	-

<b>HYUNDAI</b>	<b>ELANTRA N TCR</b>
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Engine	Theta2G4KHN	RPM	PBoost [mbar]	$\lambda$ [-]
ECU Make (Type)	Marelli SRG141 (Common)	4000	2295	0.86
Power Level	C4	4250	2300	0.86
Calibration File	HY-Theta2G4KHN-C-X-S_1.2.6.clx	4500	2315	0.86
Correction [mbar/°C]	7	4750	2350	0.86
Checksum	<b>crcAPP</b> <b>0x7E9C0DA0</b>	5000	2400	0.86
	<b>crcPartSign</b> 0x9F9A8B06	5250	2455	0.86
	<b>crcPartZero</b> 0xF162E7D	5500	2480	0.86
	<b>crcPartOne</b> 0xF1FE662A	5750	2480	0.86
		6000	2475	0.86
		6250	2425	0.86
		6500	2360	0.84
		6750	2275	0.84
		6900	2225	0.84
		7000	2150	-

<b>LYNK &amp; CO</b>	<b>03 TCR</b>
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<b>Engine</b>	B4204T27
<b>ECU Make (Type)</b>	Marelli SRG141 (Common)
<b>Power Level</b>	C4
<b>Calibration File</b>	LY-B4204T27-C-X-S_1.1.6.clx
<b>Correction [mbar/°C]</b>	9

<b>Checksum</b>	<b>crcAPP</b>	0x15F54A7E
	<b>crcPartSign</b>	0x9F9A8B06
	<b>crcPartZero</b>	0xE66272CD
	<b>crcPartOne</b>	0xF5A6DFC0

<b>RPM</b>	<b>PBoost [mbar]</b>	<b>λ [-]</b>
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	-