



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

TC COMMITTEE – 2022

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[committee.tc@fia.com](mailto:committee.tc@fia.com)

#### Request details

Request number (to be completed by the Committee) : **TC –R 2022/11**

Request date: 21/11/2022  
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.

BoP & CW Chart prior to 2022 WTCR Rd 9 – Race of Saudi Arabia. Please see following pages.

This decision applies in conjunction with the TC – R 2022/04 of 03.06.2022.

Following tire issues at the Race of Italy, the appointed WTCR tire supplier (Goodyear) has identified the high weight of cars as a key factor. Therefore, in the interest of both safety and sporting equity, the TC Committee takes the decision to reduce the minimum racing weight of all models raced in WTCR. This decision is taken only in relation to WTCR and does not affect any other competition featuring TCR spec cars.

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  
(Interim Member)



Xavier Mestelan Pinon



**DECISION NUMBER: TC – R 2022/11**

**Time of notification**

Hours: 14:00 Date: 21/11/2022

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.



FEDERATION INTERNATIONALE DE L'AUTOMOBILE

**WTCR Balance of Performance and Compensation Weight - V09**

| Make    | Model         | Power Level | Minimum Racing Weight [Kg] | BoP Weight [Kg] | CW Calculation [Kg] | CW Total [Kg] | Total Minimum Weight [Kg]  | Minimum Ride Height [mm] |
|---------|---------------|-------------|----------------------------|-----------------|---------------------|---------------|----------------------------|--------------------------|
| AUDI    | RS3 LMS TCR   | C5          | 1245                       | +0              | 0                   | 0             | 1245 <sup>(1)</sup>        | 70                       |
| CUPRA   | LEON COMPETIÓ | C5          | 1245                       | +0              | 0                   | 0             | 1245                       | 70                       |
| HONDA   | CIVIC FK7     | C5          | 1245                       | +20             | 40                  | 40            | 1305                       | 70                       |
| HYUNDAI | ELANTRA N TCR | C4          | 1245                       | +10             | <b>10</b>           | 10            | <b>1265</b> <sup>(1)</sup> | 80                       |

*(1) For any Race-by-Race entries, an additional 10kg to be applied on top, as per Article 29.1b ii of the 2022 FIA WTCR Sporting Regulations.*

|             |                    |
|-------------|--------------------|
| <b>AUDI</b> | <b>RS3 LMS TCR</b> |
|-------------|--------------------|

|                             |                              |            |                      |              |      |
|-----------------------------|------------------------------|------------|----------------------|--------------|------|
| <b>Engine</b>               | EA888Evo4                    | <b>RPM</b> | <b>PBoost [mbar]</b> | <b>λ [-]</b> |      |
| <b>ECU Make (Type)</b>      | Marelli SRG141 (Common)      | 4000       | 2090                 | 0.87         |      |
| <b>Gearbox</b>              | Hewland                      | 4250       | 2110                 | 0.87         |      |
| <b>Power Level</b>          | C5                           | 4500       | 2100                 | 0.87         |      |
| <b>Calibration File</b>     | CU-EA888Evo4-C-H-S_1.3.9.clx | 4750       | 2105                 | 0.87         |      |
| <b>Correction [mbar/°C]</b> | 8                            | 5000       | 2155                 | 0.87         |      |
| <b>Checksum</b>             | crcAPP                       | 0x93ED6C14 | 5250                 | 2345         | 0.87 |
|                             | crcPartSign                  | 0xD7581A9B | 5500                 | 2475         | 0.87 |
|                             | crcPartZero                  | 0xF64A250F | 5750                 | 2530         | 0.87 |
|                             | crcPartOne                   | 0xA9D304C8 | 6000                 | 2485         | 0.87 |
|                             |                              |            | 6250                 | 2470         | 0.87 |
|                             |                              |            | 6500                 | 2415         | 0.87 |
|                             |                              |            | 6750                 | 2365         | 0.87 |
|                             |                              |            | 6900                 | 2270         | 0.87 |
|                             |                              | 7000       | 2240                 | -            |      |

|             |                    |
|-------------|--------------------|
| <b>AUDI</b> | <b>RS3 LMS TCR</b> |
|-------------|--------------------|

|                             |                              |            |                      |              |      |
|-----------------------------|------------------------------|------------|----------------------|--------------|------|
| <b>Engine</b>               | EA888Evo4                    | <b>RPM</b> | <b>PBoost [mbar]</b> | <b>λ [-]</b> |      |
| <b>ECU Make (Type)</b>      | Marelli SRG141 (Common)      | 4000       | 2090                 | 0.87         |      |
| <b>Gearbox</b>              | SADEV                        | 4250       | 2110                 | 0.87         |      |
| <b>Power Level</b>          | C5                           | 4500       | 2100                 | 0.87         |      |
| <b>Calibration File</b>     | CU-EA888Evo4-C-H-S_1.3.9.clx | 4750       | 2105                 | 0.87         |      |
| <b>Correction [mbar/°C]</b> | 8                            | 5000       | 2155                 | 0.87         |      |
| <b>Checksum</b>             | crcAPP                       | 0x93ED6C14 | 5250                 | 2345         | 0.87 |
|                             | crcPartSign                  | 0xD7581A9B | 5500                 | 2475         | 0.87 |
|                             | crcPartZero                  | 0xA4819C48 | 5750                 | 2530         | 0.87 |
|                             | crcPartOne                   | 0x849F19B8 | 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> |
|--------------|-----------------------------|

|                             |                              |            |                      |              |      |
|-----------------------------|------------------------------|------------|----------------------|--------------|------|
| <b>Engine</b>               | EA888Evo4                    | <b>RPM</b> | <b>PBoost [mbar]</b> | <b>λ [-]</b> |      |
| <b>ECU Make (Type)</b>      | Marelli SRG141 (Common)      | 4000       | 2090                 | 0.87         |      |
| <b>Power Level</b>          | C5                           | 4250       | 2110                 | 0.87         |      |
| <b>Calibration File</b>     | CU-EA888Evo4-C-H-S_1.3.9.clx | 4500       | 2100                 | 0.87         |      |
| <b>Correction [mbar/°C]</b> | 8                            | 4750       | 2105                 | 0.87         |      |
| <b>Checksum</b>             | crcAPP                       | 0x93ED6C14 | 5000                 | 2155         | 0.87 |
|                             | crcPartSign                  | 0xD7581A9B | 5250                 | 2345         | 0.87 |
|                             | crcPartZero                  | 0xF64A250F | 5500                 | 2475         | 0.87 |
|                             | crcPartOne                   | 0xA9D304C8 | 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> |
|--------------|------------------|

|                             |                           |            |                      |              |      |
|-----------------------------|---------------------------|------------|----------------------|--------------|------|
| <b>Engine</b>               | K20CRE                    | <b>RPM</b> | <b>PBoost [mbar]</b> | <b>λ [-]</b> |      |
| <b>ECU Make (Type)</b>      | Marelli SRG141 (Common)   | 4000       | 2345                 | 0.82         |      |
| <b>Power Level</b>          | C5                        | 4250       | 2345                 | 0.82         |      |
| <b>Calibration File</b>     | HO-K20CRE-C-X-S_1.3.0.clx | 4500       | 2345                 | 0.82         |      |
| <b>Correction [mbar/°C]</b> | 10                        | 4750       | 2370                 | 0.82         |      |
| <b>Checksum</b>             | crcAPP                    | 0x93ED6C14 | 5000                 | 2430         | 0.82 |
|                             | crcPartSign               | 0xD7581A9B | 5250                 | 2470         | 0.82 |
|                             | crcPartZero               | 0xBA27FF29 | 5500                 | 2515         | 0.82 |
|                             | crcPartOne                | 0xF8B178FD | 5750                 | 2545         | 0.85 |
|                             |                           |            | 6000                 | 2545         | 0.85 |
|                             |                           |            | 6250                 | 2545         | 0.82 |
|                             |                           |            | 6500                 | 2500         | 0.82 |
|                             |                           |            | 6750                 | 2460         | 0.82 |
|                             |                           | 6900       | 2385                 | 0.81         |      |
|                             |                           | 7000       | 2070                 | -            |      |

|                |                      |
|----------------|----------------------|
| <b>HYUNDAI</b> | <b>ELANTRA N TCR</b> |
|----------------|----------------------|

|                             |                                |            |
|-----------------------------|--------------------------------|------------|
| <b>Engine</b>               | Theta2G4KHN                    |            |
| <b>ECU Make (Type)</b>      | Marelli SRG141 (Common)        |            |
| <b>Power Level</b>          | C4                             |            |
| <b>Calibration File</b>     | HY-Theta2G4KHN-C-X-S_1.3.1.clx |            |
| <b>Correction [mbar/°C]</b> | 8                              |            |
| <b>Checksum</b>             | crcAPP                         | 0x93ED6C14 |
|                             | crcPartSign                    | 0xD7581A9B |
|                             | crcPartZero                    | 0xB373A174 |
|                             | crcPartOne                     | 0X5878BD20 |

| <b>RPM</b> | <b>PBoost [mbar]</b> | <b>λ [-]</b> |
|------------|----------------------|--------------|
| 4000       | 2090                 | 0.86         |
| 4250       | 2100                 | 0.86         |
| 4500       | 2105                 | 0.86         |
| 4750       | 2175                 | 0.86         |
| 5000       | 2260                 | 0.86         |
| 5250       | 2330                 | 0.86         |
| 5500       | 2390                 | 0.86         |
| 5750       | 2410                 | 0.86         |
| 6000       | 2370                 | 0.86         |
| 6250       | 2300                 | 0.86         |
| 6500       | 2245                 | 0.84         |
| 6750       | 2180                 | 0.84         |
| 6900       | 2035                 | 0.84         |
| 7000       | 2000                 | -            |