# BALANCE OF PERFORMANCE FOR D Tracks:

## Nürburgring

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# Balance of Performance
## FIA GT3 Specification

| Make | FIA GT3 Homologation | Model | Min Weight kg | BOP Ballast kg | Total Weight without driver weight kg | Engine Restrictor size mm | Min RH Front mm | Min RH Rear mm | Lambda Fixed | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **Aston Martin** | GT3-051 | AMR Vantage GT3 | 1285 | **10** | **1295** | **none** | 53 | 53 | 0,91 | Max Pboost see table |
| **Audi** | GT3-038 | R8 LMS 2019 | 1235 | **85** | **1320** | **2 x 40** | 65,5 | 128 | 0,91 | |
| **BMW** | GT3-043 | M6 GT3 | 1290 | **15** | **1305** | **none** | 93 | 93 | 0,92 | Max Pboost see table |
| **Chevrolet** | GT3-045 | Corvette C7 | 1250 | **60** | **1310** | **52** | 65 | 72 | 0,88 | |
| **Lamborghini** | GT3-040 | Huracan GT3 2019 | 1230 | **100** | **1330** | **2 x 39** | 65,5 | 128 | 0,89 | |
| **Mercedes** | GT3-042 | AMG GT3 | 1285 | **45** | **1330** | **2 x 34,5** | 81 | 87 | 0,92 | |
| **Porsche** | GT3-050 | 991 GT3-R | 1235 | **50** | **1285** | **2 x 41,5** | 70 | 124 | 0,88 | |

Remarks:

1.1 Additional weight must be installed in accordance with article 257A-4.3 – 2021
1.2 Technical drawings of air restrictors for 2016/2017/2018/2019/2020/2021 cars are registered with FIA. Only restrictors in compliance with this registration are allowed
1.3 Use of catalytic converter compulsory
1.4 Notes on boost control :

- Values are boost pressure ratio and need to be multiplicated by the ambient pressure to get the Pboost limit.
- Competitors must adjust boost pressure relative to ambient pressure at each event
- Pboost limits linear interpolation approach
- Control of Pboost strategy see further.

1.5 The SRO Sporting Board is allowed to modify any parameter required to establish the balance of performance cfr the Sporting Regulations.
1.6 Cfr the Sporting Regulations : Engine reference data (iA, Lambda, Fuel inj, Cam In/Out, airbox pressure drop, etc) is the one collected during BOP tests and will be used for checks.

2.Control of Pboost strategy FIA (see further)

3. Pboost limits linear interpolation

# Balance of Performance
## FIA GT3 Specification
## Pboost Ratio table for Turbo cars

| Engine speed | AMR Vantage GT3 | BMW M6 GT3 | BMW M6 GT3 |
|---|---|---|---|
| RPM | Pboost ratio @ rpm @ Lambda | Pboost ratio @ rpm @ Lambda 4th to 6th gear | Pboost ratio @ rpm @ Lambda 1st to 3rd gear |
| 4000 | 1.55 @ 0.91 | 1.78 @ 0.92 | 1.78 @ 0.92 |
| 4250 | | 1.83@ 0.92 | 1.83@ 0.92 |
| 4500 | 1.65 @ 0.91 | 1.86 @ 0.92 | 1.86 @ 0.92 |
| 4750 | | 1.91 @ 0.92 | 1.91 @ 0.92 |
| 5000 | 1.75 @ 0.91 | 1.94 @ 0.92 | 1.96 @ 0.92 |
| 5250 | | 1.96 @ 0.92 | 1.98 @ 0.92 |
| 5500 | 1.81 @ 0.91 | 1.98 @ 0.92 | 2.00 @ 0.92 |
| 5750 | | 1.96 @ 0.92 | 1.98 @ 0.92 |
| 6000 | 1.83 @ 0.91 | 1.93 @ 0.92 | 1.95 @ 0.92 |
| 6250 | | 1.90 @ 0.92 | 1.92 @ 0.92 |
| 6500 | 1.82 @ 0.91 | 1.74 @ 0.92 | 1.76 @ 0.92 |
| 6750 | 1.81 @ 0.91 | 1.66 @ 0.92 | 1.66 @ 0.92 |
| 7000 | 1.78 @ 0.91 | 1.65 @ 0.92 | 1.65 @ 0.92 |
| 7250 | 1.45 @ 0.91 | 1.30 @0.92 | |
| 7500 | | | |
| >=7600 | | | |

# Balance of Performance
## FIA GT3 Specification
## Pboost Control Strategy