

SUBARU to Compete in 2024 Nürburgring 24-Hour Race

Tokyo, May 17, 2024 – Subaru Tecnica International ^{*1}, Subaru's motorsport subsidiary, will compete in the 52nd Nürburgring 24-Hour Race from 30 May to 2 June 2024 at the Nürburgring circuit in the Eifel region of Rhineland-Palatinate, Germany with its WRX S4-based race car. This marks Subaru's 15th^{*2} participation in the Nürburgring 24h race since its debut in 2008.



SUBARU WRX NBR CHALLENGE 2024

The SUBARU WRX NBR CHALLENGE 2024 will again compete in the "SP4T" class for cars with turbo engines between 2.0L and 2.6L, with the aim of winning this class.

The course is said to be the toughest in the world with a total length of approximately 25km, a 300m difference in elevation and ever-changing weather conditions. In order for the drivers to drive fast and control the car as they wish on such a challenging track, the race car enhanced its performance as shown below, while making the most of the Subaru Global Platform at its core and utilizing the basic layout of a horizontally opposed engine and symmetrical AWD.

【Main Features of SUBARU WRX NBR CHALLENGE 2024】

- Flexible performance wheels: Improvement of micro-rudder response and limit performance through pursuit of optimal rim shape
- Aerodynamics: Significant improvement in turning performance through the revision of the front underbody panel, rear wing, etc.
- Engine: Improved reliability, power output, and thermal efficiency by optimizing head bolts, head gaskets, etc.
- Suspension: Improved durability and reliability of front suspension components
- Exhaust: Improved high-temperature strength and durability by optimizing exhaust manifold materials and structure
- Cooling: Improved reliability by reviewing engine cooling water routes
- Electrical components: Improved reliability of power generation components and changed belt layout to improve reliability and reduce weight

Hideharu Tatsumi will be the Team General Manager and Takuya Sawada will be the Team Manager. The Technical Manager, Naoki Shibuya, will oversee the engineering of the race car. Carlo van Dam (Netherlands), Tim Schrick (Germany), Kota Sasaki (Japan), and Rintaro Kubo (Japan) will be driving for the team. Hideharu Tatsumi, who has been participating in the Nürburgring 24 Hour Race since 2008, will be taking on his final challenge in this race.

Once again this year, eight service technicians carefully selected from Subaru dealerships across Japan will join the team to support the race. Subaru has been assigning dealer technicians to participate in overseas motorsport races since 1990, a unique initiative aimed at delivering “Enjoyment and Peace of Mind” to customers by enhancing the technical skills of its service technicians.

*1: Subaru Tecnica International Inc. (President: Hiromi Tamo, Mitaka City, Tokyo, Abbreviation: STI)

*2: Subaru withdrew its entry from the 2020 and 2021 races due to the impact of the COVID-19 pandemic on its preparations.

【Team General Manager / Team Manager / Technical Manager】



Hideharu Tatsumi



Takuya Sawada



Naoki Shibuya

【Drivers】



Carlo van Dam



Tim Schrick



Kota Sasaki



Rintaro Kubo

【Subaru Dealership Service Technicians】



Takumi Miyazawa
Niigata Subaru



Ryuichi Arai
Fuji Subaru



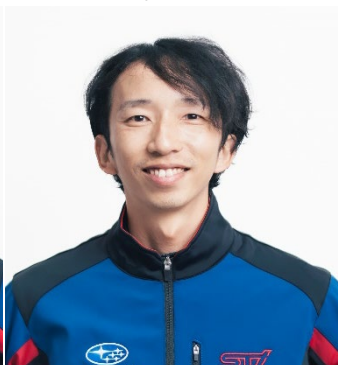
Takafumi Fujihira
Tokyo Subaru



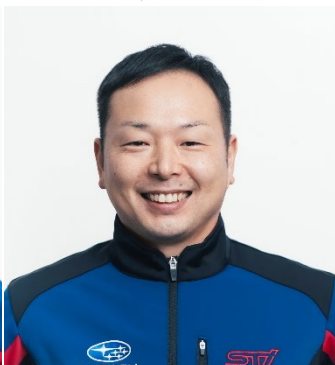
Yohei Kajita
Gifu Subaru



Yuta Hisai
Kyoto Subaru



Keisuke Komori
Shiga Subaru



Atsushi Ryugo
Okayama Subaru



Shogo Suzuki
Fukuoka Subaru

【Race Car】

Model Name	SUBARU WRX NBR CHALLENGE 2024
Overall length	5,270mm
Overall width	1,900mm
Overall height	1,390mm
Wheelbase	2,690mm
Vehicle weight	1,290kg
Engine type	FA24 BOXER DOHC 16-valve AVCS single scroll turbo
Engine displacement	2,387cc
Maximum output	280kW(380PS) / 6,000rpm
Maximum torque	590Nm(60kgf·m) / 3,500rpm
Air restrictor	φ39
Transmission	6-speed sequential gearbox + paddle shift
Clutch	O.R.C 5.5inch, multi-plate
Suspension	Front: Strut / Rear: Double wishbone
Brakes	Front: 6-pot / Rear: 4-pot
Wheels	BBS 18inch x 11J
Tires	FALKEN 280/680/R18

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