

AMZ News

FORMULA STUDENT AUSTRIA 2025



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Results

- P1: Acceleration
- P1: Engineering Design
- P2: AutoX
- P5: Skidpad
- P20: Business Plan Presentation
- P26: Cost & Manufacturing
- DNF Endurance
- DNF Efficiency
- P16: Overall

Travel and Set Up

After just one day of testing in Switzerland, the AMZ team headed straight to the Red Bull Ring in Austria. After a ten-hour drive, all team members arrived in Spielberg on Saturday evening and moved into the campsite. A special feature of Formula Student Austria (FSA) is that for the first two days, the pit is set up in the team tent at the campsite before moving into the actual pit at the ring. This meant that tools and the race car were stored there alongside the dining tables.

On Sunday morning at 9 a.m., the technical inspection of the accumulator began, followed by the inspection of the drivers' suits and helmets and a check to ensure that all drivers could exit the car within 5 seconds in case of an emergency. All stages were successfully completed.



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On Monday at exactly 9:06 a.m., we were able to move into our own pit at the Red Bull Ring. At first, the car was parked outside because the electrical inspection was scheduled for 10 a.m. It passed that test, as well as the mechanical inspection that followed. In the afternoon, we did the tilt and rain tests. The latter in particular was met with mixed feelings, as several attempts had been necessary in the previous year. This time, however, everything was approved without any problems.

Static Disciplines

Tuesday morning was devoted entirely to the static disciplines. In a double slot,

the Engineering Design was followed by the Cost and Manufacturing Event. Afterwards, it was back to the track, where the brake test was successfully completed. While test laps were being completed on the track, the team presented its work for the Business Plan. Shortly after midnight, it was official: the team had qualified for the final in engineering design.

This took place on Wednesday – immediately after the first dynamic disciplines, Skidpad and Acceleration. In the latter, the team was able to build on previous successes and a certain association history and achieve first place. Wednesday at the FSA is known to be one of the most intense days, with the ED final and three dynamic disciplines, so good organisation is absolutely essential.

Dynamic Disciplines

Things also went very well in AutoX at first. AMZ was in the lead until shortly before the end. Ultimately, the RWTH Aachen team pulled away significantly and secured first place with a lead of about 2.2 seconds. By comparison, the same time gap existed between second and thirteenth place. Nevertheless, the performance was satisfactory and a very good starting position for the Endurance final on Thursday was secured.

First, the award for victory in the Acceleration Event was presented in the first part of the award ceremony in the evening.



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Thursday was the deciding day: Endurance – a discipline that has often been associated with challenges and failures for the AMZ team in Austria in recent years. Last time, the competition was successfully completed in 2021. The track is considered extremely demanding for drivers and cars: incredibly fast and energy-intensive. The start was promising: starting driver Lucien even set the fastest time of the day on his seventh lap. After the driver change, Luan took the wheel – and continued the race at a steady pace. However, on lap 13, the vehicle unexpectedly came to a standstill. One of the four electric motors completely blocked, making it impossible to continue. Another DNF (Did Not Finish) for AMZ at the endurance event at the Red Bull Ring. This setback cost the team valuable 325 points and thus the prospect of a good overall ranking. The event in Austria ended with a 16th place overall. Nevertheless, we are optimistic about the upcoming events and have learned our lessons. We have definitely shown that the car has what it takes to compete at the top in Europe.



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And it goes on

The team has now been at home for a week before heading to the Czech Republic on 3 August. This gives us time to continue testing our car and, above all, to finalise the integration of the autonomous driving systems. From the next competition onwards, we will be driving with and without a driver in the vehicle.

We are motivated to bounce back from this setback and continue with renewed enthusiasm in the Czech Republic. This is once again possible thanks to the support and backing of our sponsors, families and friends. We would like to express our heartfelt thanks!



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