

PORSCHE 718 Cayman GT4 RS KW&SR Performance Kit Installation Manual

4 SR Lower Side Spoiler & Dive Plane Pack

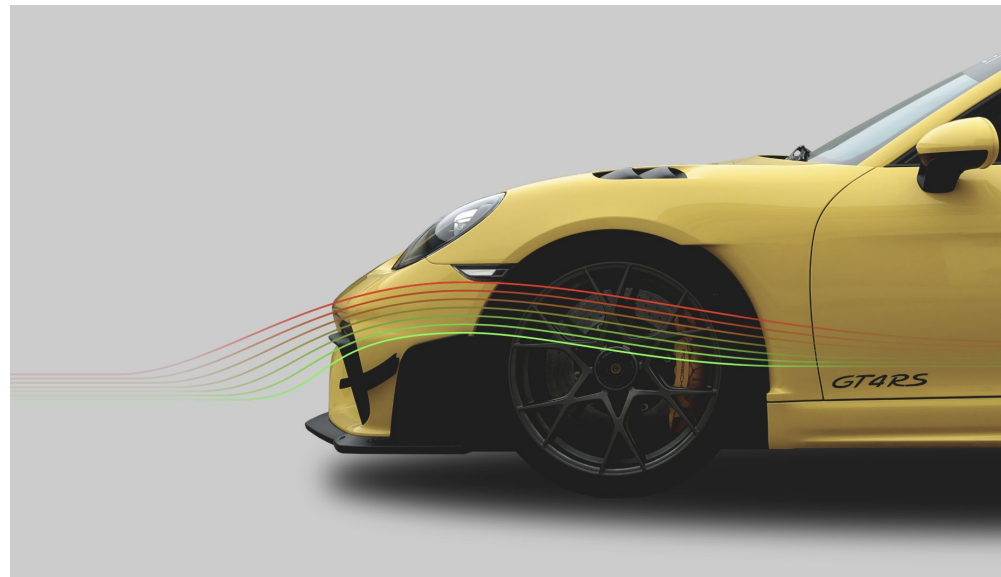


Introduction

The SR Porsche lower side spoiler and dive plane pack is an aerodynamic kit developed by the SilverRocket racing team from our extensive expertise in collaboration with top-tier racing brands such as Manthey Racing and KW, as well as years of experience in Porsche official races. It aims to further optimize the airflow on both sides of the vehicle's wheel section.

The SR Porsche dive plane, in conjunction with the extended lower side diffuser, side AERO flow kit, and side deflectors, increases lower side axle downforce by 17% when the car reaches a speed of 200 km/h (124mph).

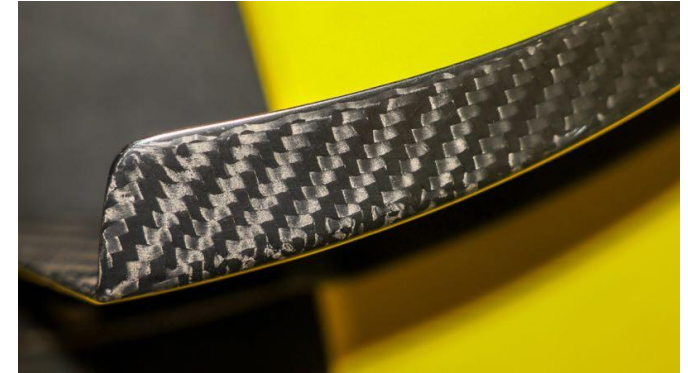
To enhance the strength, rigidity, and weight reduction of the product, the SR Porsche lower side spoiler and dive plane pack is made from 100% dry carbon fiber, which is a more expensive material compared to wet carbon fiber. This upgraded version of the original component offers superior strength and lightweight properties, particularly suitable for high-pressure driving conditions.



Why we use a more expensive Dry Carbon Fiber over Wet Carbon Fiber?

Not all carbon fibers are the same. The SR Porsche lower side spoiler and dive plane pack is entirely constructed using the more expensive 100% dry carbon fiber, surpassing wet carbon fiber in all aspects of performance.

Compared to wet carbon fiber, dry carbon fiber possesses unparalleled fiber consistency, 5 times fewer void contents, and twice less the resin content, which cuts down 70% of the weight when offers the same amount of strength. These characteristics enable dry carbon fiber to outperform wet carbon fiber significantly in terms of strength and weight reduction. Particularly during high-intensity track driving, the exceptional material properties of dry carbon fiber empower our product to exhibit superior performance even compared to the original OEM components.



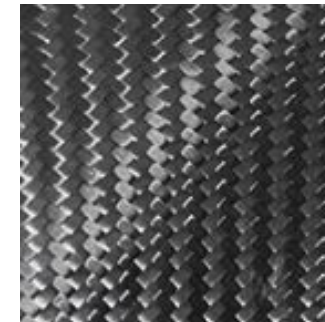
Void Content



Resin Content



Weight (Same strength level)



DRY
Carbon Fiber
Consistency



WET
Carbon Fiber
Consistency

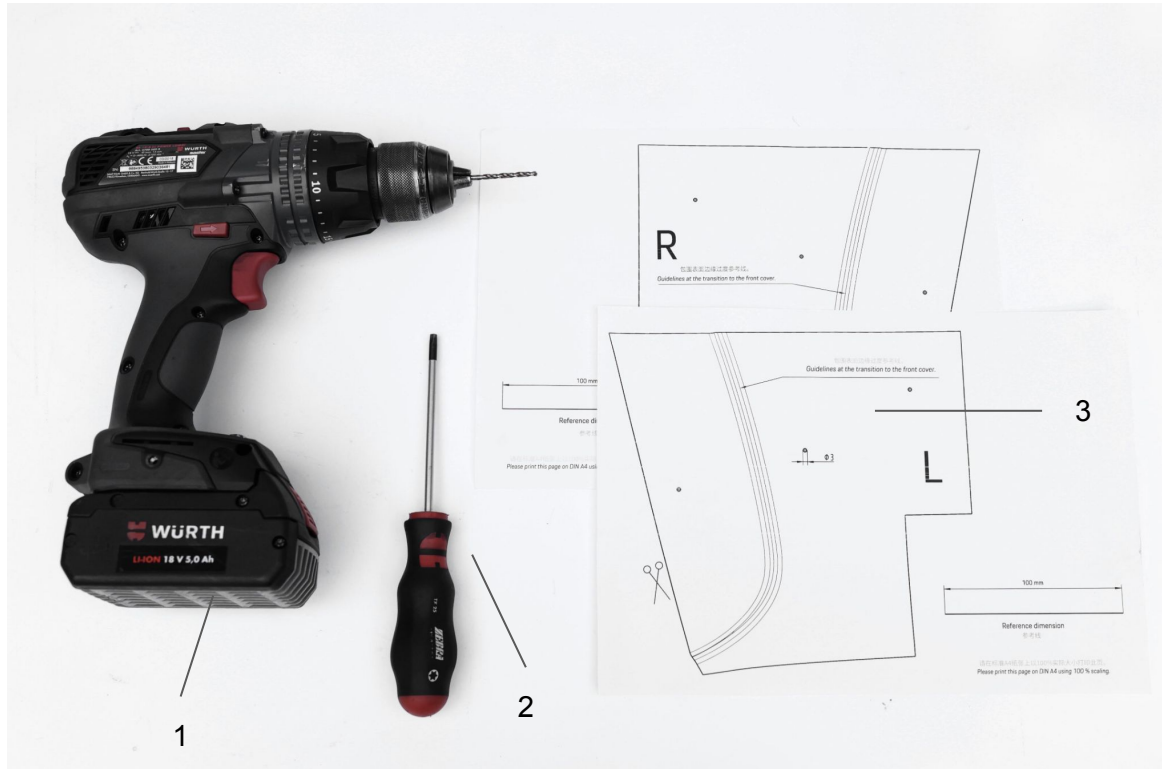
Kit Content List



The SR Porsche lower side spoiler and dive plane pack includes:

1. Lower Side Spoiler - Left x1
2. Lower Side Spoiler - Right x1
3. Dive Plane - Left x1
4. Dive Plane - Right x1
5. Special Screws x12

Installation Tools Needed



1. Electric Drill with a 3mm Drill Bit
2. Hex Socket Wrench
3. Printed Template

Lower Side Spoiler Installation - Positioning & Drilling

1. Place the lower side spoiler at the front side lip and the air flow kit, ensuring a perfect fit.

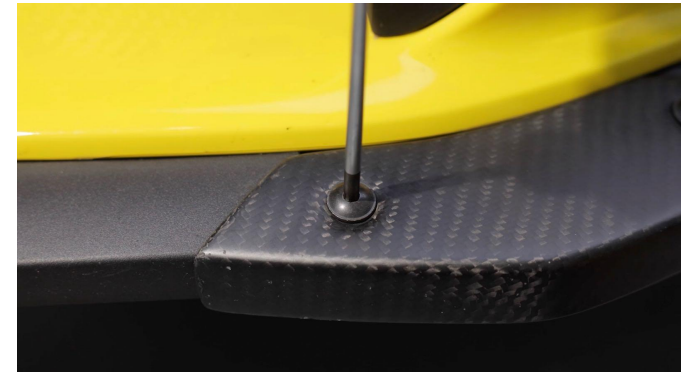


2. Use the electric drill with the 3mm drill bit to create three holes in the corresponding positions on the lower side spoiler (two on the top and one at the rear).



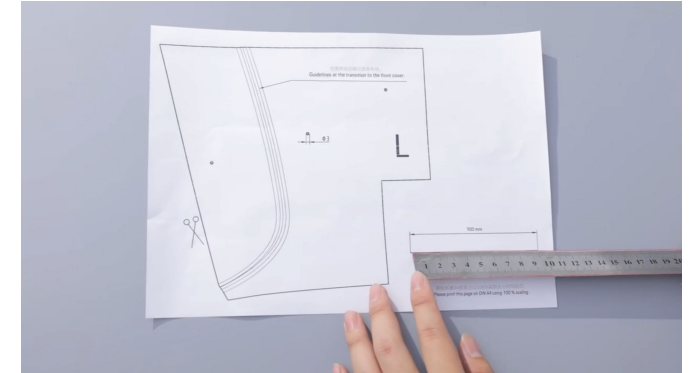
Lower Side Spoiler Installation - Tighten the Screws

1. Insert the three special screws provided into the respective holes, and tighten them one by one after all of them have been inserted.
2. Repeat the same process for the other side to complete the installation of the lower side spoilers.



Dive Plane Installation - Print Template

1. Print the provided template on a standard A4 paper at a 100% scale [See page 14/15]. After printing, check the reference scale dimensions to ensure accuracy.



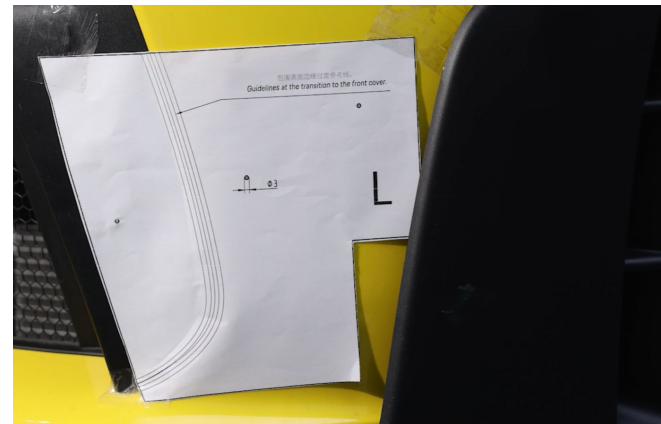
2. Cut the template along the outline for positioning on the car.



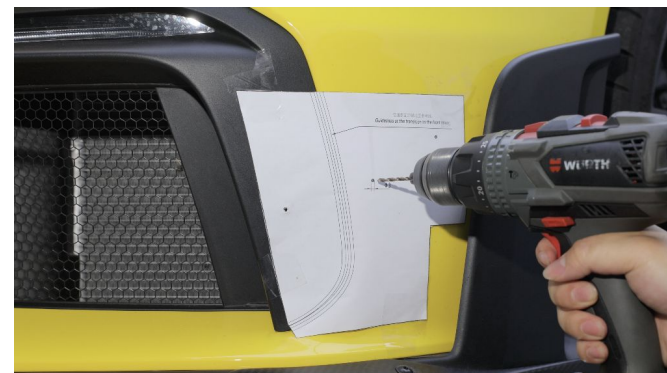
Dive Plane Installation - Template Positioning

1. Place the template on the front side bumper, aligning the outermost line of the template with the edge of the bumper, and secure it with invisible tape to determine the drilling positions for the three* installation holes.

*If you wish to preserve the original paint surface, you can choose not to drill the two mounting holes on the painted bumper. Instead, opt to use 3M VHB double-sided adhesive tape to secure the dive plane. For detailed instructions, please refer to page 10 to page 13.



2. Use the 3mm drill bit to drill three holes at the marked positions on the template.



Dive Plane Installation - Tighten the Screws

1. Position the dive plane at the installation location and tighten the three special screws provided to a torque of 4Nm.



2. Repeat the same process for the other side to complete the installation of the dive planes.

*Installation Without Holes on Painted Bumper

1. Place the template on the front side bumper, aligning the outermost line of the template with the edge of the bumper, and secure it with invisible tape to determine the drilling positions for the only the installation hole on the trim (black plastic area) and skip the two drill mounting holes on the painted bumper.
2. Use the 3mm drill bit to only drill the mounting hole at the marked position on the black plastic area.



*Installation Without Holes on Painted Bumper

1. Apply the thinnest 3M VHB double-sided tape available (0.64mm thickness recommended) on the dive plane and cover the entire contact area between the dive plane and the bumper.

Please note: Leave a small gap on both sides of the dive plane after applying the tape to ensure it doesn't overflow when tightening the screws.



*Installation Without Holes on Painted Bumper

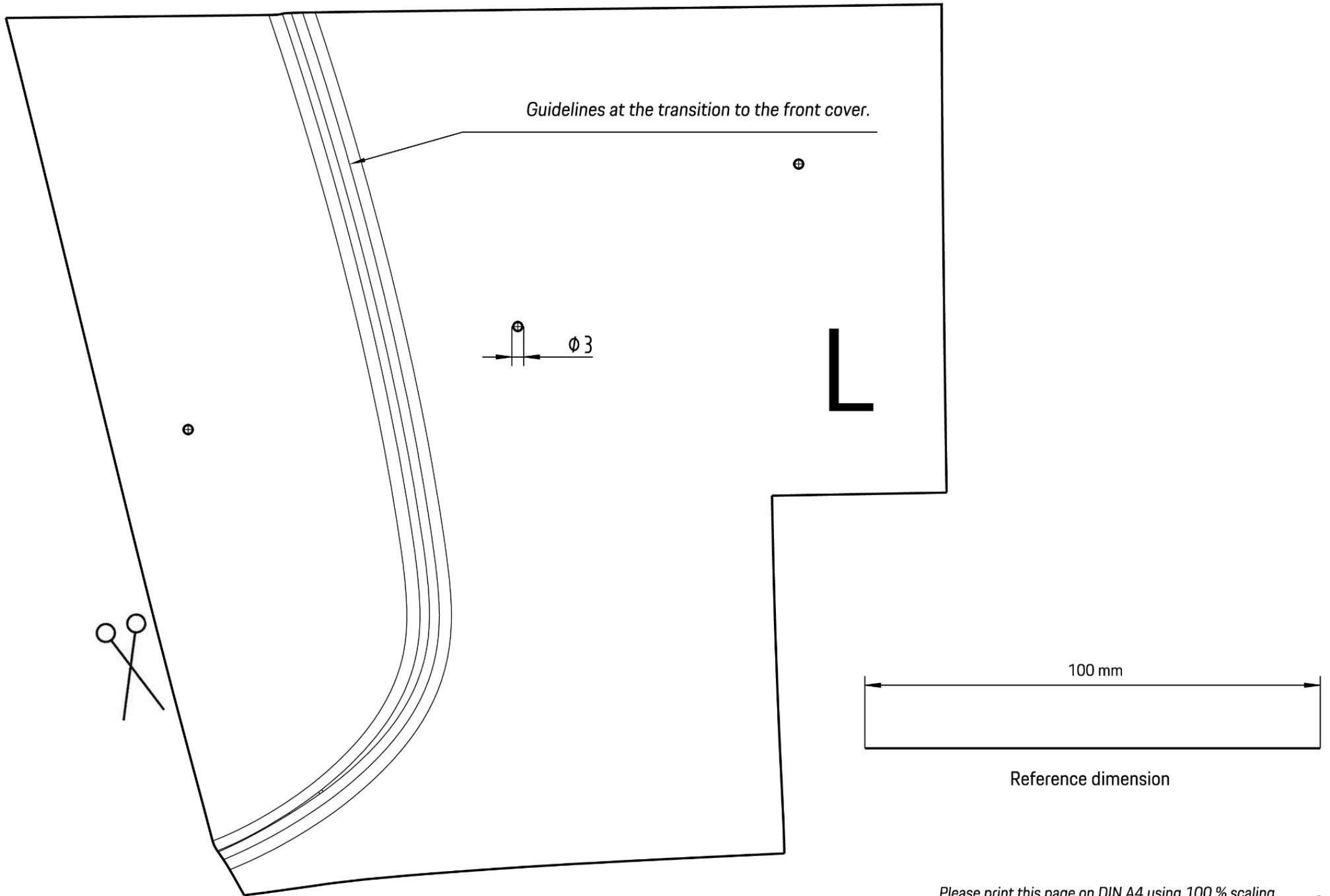
1. Attach the dive plane to the designated position, ensuring a perfect fit between the dive plane and the vehicle's body. Align the dive plane installation holes with the black plastic mounting holes.
2. Press the dive plane firmly for two minutes to secure it in place.



*Installation Without Holes on Painted Bumper

1. Install the special screw provided to secure the dive plane to the black plastic mounting point, tightening it to a torque of 4Nm.
2. Repeat the same process for the other side to complete the installation of the dive planes without drilling holes on the painted bumper.
3. Allow the vehicle to sit undisturbed for 24 hours to ensure optimal adhesion of the 3M tape. After that, you can enjoy the improved driving experience brought by the SR lower side spoiler and dive plane pack.





R

Guidelines at the transition to the front cover.

100 mm

Reference dimension

Please print this page on DIN A4 using 100 % scaling.

Installation Video

You can also watch our installation manual video for a more concise instruction.

Please go to <https://youtu.be/kBhuUZJdUKY>

Or scan the QR code below



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SR Lower Side Spoiler & Dive Plane Pack



SILVER ROCKET
PORSCHE RACING SPECIALIST



RECARO

MANTHEY

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