

PORSCHE 718 GT4 DUAL DIVE PLANES



INSTRUCTION MANUAL



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PORSCHE 718 GT4 DUAL DIVE PLANES

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PORSCHE 718 GT4 DUAL DIVE PLANES

GENERAL (ULTIMATE) DIVE PLANE INSTALL GUIDE

(Read before installing to get the idea of the procedure)

Materials needed:



Shop towels



99% Isopropyl Alcohol (IPA) in a spray bottle



3M 06396 Automotive Adhesion Promoter (supplied in the package)



Heat source such as a heat gun or hair dryer

Prepare the surface

Wash the car if needed, do not use waxes or finishing products on the car!

If the car has PPF or ceramic coat or both, use IPA to scrub off the areas that will have the dive planes.

Align the dive planes

Download and use the proper templates found on Dundon Motorsports website. Carefully cut template to desired shape and align to the car matching curves and lines the best you can. Use couple bits of blue tape to stick template to the car and hold it in position.

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Stick on the dive planes

Do this on a warm day ($t \geq 70^{\circ}\text{F}$) and at a time when you have at least 24 hours of ($t \geq 70^{\circ}\text{F}$) weather to allow things to set up.

3M publishes cure tables on their website that are a useful reference, the sum of them is higher temperatures and greater pressures result in a better bond.

Wipe the area with the adhesion promoter sponge, let that dry.

Heat the area with a heat gun or hair dryer, get it over 100°F but be careful to not harm your paint or distort the bumper cover.

Remove the backing of the tape on the dive plane. Heat both sides of the dive plane, the one with the tape on it and the other side that is carbon. Idea is to get enough heat into it so the entire dive plane is hot to the touch.

Apply heat carefully, do not melt things!

Stick on the dive plane and press **HARD** on the dive plane for 5-10 minutes, basically as long as you can tolerate. The tape works by having the glue "flow" to fill pore spaces on the paint, you want to really compress things so that glue gets moving and sticks well.

Repeat process for all dive planes.

Let the car sit for at least 24 hours in a warm area to have things set up.

Note:

You can apply over PPF, but it is a case-by-case basis. Many detail shops can apply PPF around the dive planes, so if possible install them and then have PPF installed.

It is recommended to be careful washing the car and avoid more aggressive cleaners like track rubber remover from soaking into the 3M tape. Use a wetted rag in those areas to remove track rubber marks rather than spraying liberally on that part of the car.

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WHAT IS INCLUDED



Porsche 718 GT4 Upper Dive planes



Porsche 718 GT4 Lower Dive planes



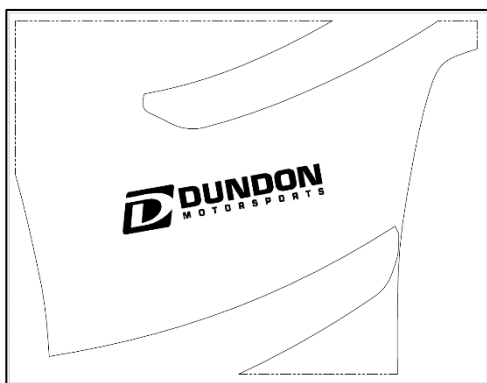
3M 06396 Automotive Adhesion Promoter (supplied in the package)

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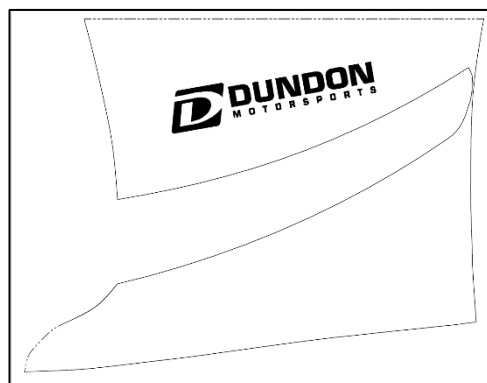
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1. STEP

- a. Print templates to 100% scale. These are reversible for use on both sides of the car. Templates are designed to print on 8.5 x 11" paper so you can do it at home.



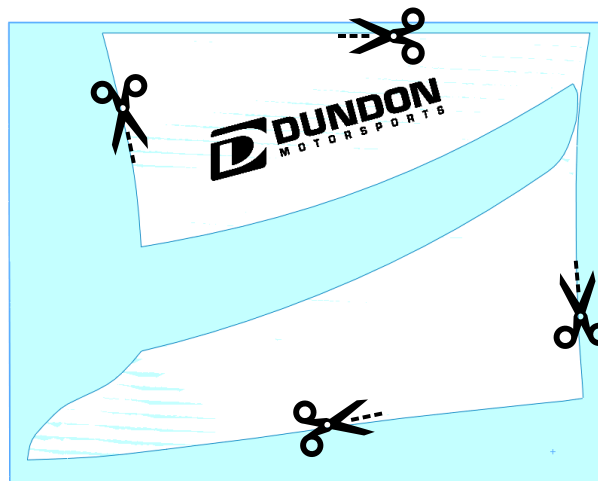
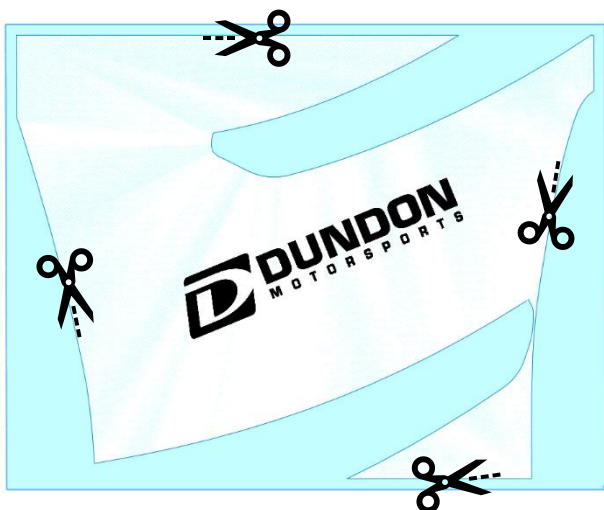
Top



Bottom



- b. Cut out dive plane template sections.



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2. STEP

- a. **Clean the area on car where dive planes are going to be placed. Use 99% Isopropyl Alcohol (IPA) to remove all contaminants from the surface (like dust, waxes, anti-stick coatings etc.). Some solvents also work well, use these at your own risk.**
- b. **Wipe the area with the adhesion promoter sponge, let that dry.**



Clean the area on car where dive planes are going to be placed (marked green on the picture above)

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- c. **Tape (tape not included, use some light tape just to hold templates on the car) dive plane templates onto car as shown below.**

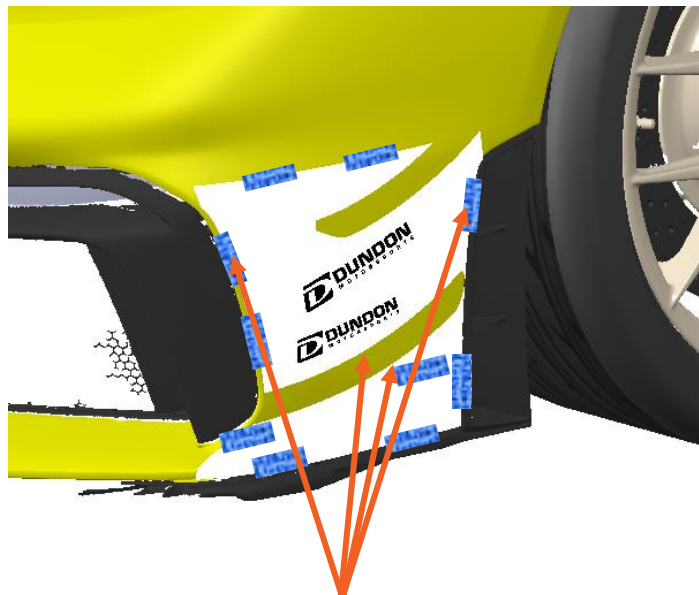
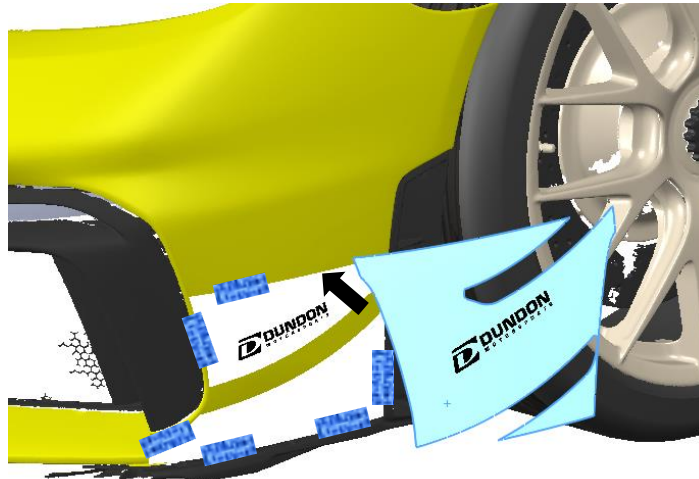


Use these lines to align template on car.

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- d. Repeat step 2.b to align and tape upper template on car.



Use these lines to align template on car.

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3. STEP

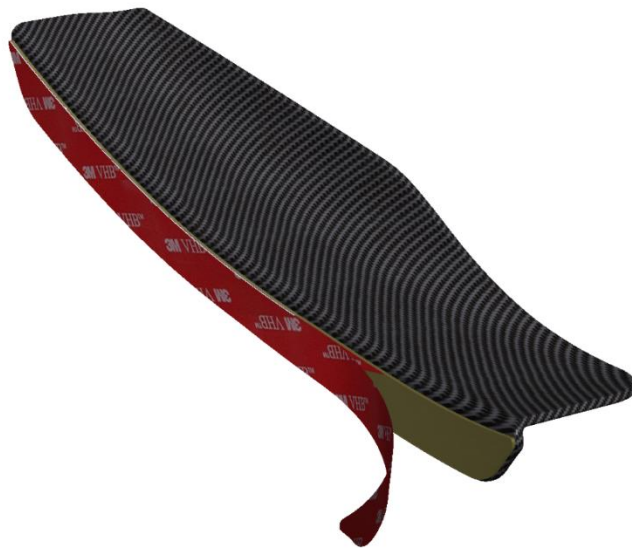
- a. Once templates are on and the car is prepped for placement of dive planes, these are ready to install on the car. The template is an estimation of the edge of the dive plane. There is a little bit of wiggle room where the dive plane can go. Place on car before removing tape to ensure this is the location where the fitment is the best.



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4. STEP

- a. **Remove the backing of the tape on the dive plane.**



- b. **Heat the tape and both sides of the dive plane with a heat gun or hair dryer, be careful to not melt the tape. Dive plane should be hot to the touch.**
- c. **Stick on the dive plane and press hard on the dive plane for 5 – 10 minutes (basically as long as you can tolerate).**
- d. **Repeat the procedure for the rest of dive planes.**

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INSTALLATION COMPLETE!

