

# Porsche 911 Gr4

## Instruction Manual



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## Chapt I :      **Specification**

Designed for rally cars, this damper version is special developed for the Porsche 911 Gr4. With a  $\varnothing 46$ mm piston, this one-way damper comes with bump stop.

## Chapt II :      **Assembly**

### **1. Front damper**

IMAGE AMORTISSEUR + jdf

	<p>The front damper assembly is composed of the damper and a strut. Damper assembly can be purchased without the strut.</p>
	<p>The damper come to the strut trough a wiper seal. To protect the seal during assembly it must be grease. Guide ring into the strut must be grease too.</p>
<p>Dampers must be press in the strut through the hole. You have to make sure that the damper is in contact with the strut. If necessary, sand lightly the end piece.</p>	
	<p>The damper is fixed to the strut by a mecanindus pin. Before bringing in the pin, make sure that de crew adjuster is well positionned in the strut. For that, put a 3mm hexagonal key to the screw adjuster until the pin is set to maintain alignment.</p>

The upper part of the damper come through the car top mount through a ball joint bearing. Spacers are on each side of the bearing. The nut lock the damper.



To set up the damper you must need a 3mm hexagonal wrench. Click position 0 : Full clockwise at maximum force.



## 2. Rear damper



The rear damper do not use strut.

<p>The upper part of the damper is fixed to the car through the cap. You must use silent bloc between spacers(not included in the order).</p>	
	<p>The lower part is fixe to the car through a ball joint bearring with 2 spacers.</p>
	<p>The rebound adjuster module must be tight up until the contact with the rod. As the front damper, to set the 0, screw the rebound adjuster at the maximum. Click position 0 : Full clockwise at maximum force.</p>

## Chapt III : Warnings

- Dampers are important part of the car and can affect stability
- PKM Consulting can not be held responsible for damage on the vehicle or injury if instructions and maintenance are not respected.
- Test the car at low speed after installing the product.
- For any anormal comportment of the car or the product, stop the vehicle and fix the problem.
- Clean your damper after use with adapted products.
- You must do not touch the inflate screw at the opposite side of the adjustment wheel, it could depressurize your damper.



## Chapt IV : Services

Services must be done every 900km or every year.

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## Chapt V :    **Versioning**

REV	NAME	DATE	CHANGES
A	RICORD	29/04/2022	Creation

