Vague / Unstable Handling in Porsche 993 – 996 – 997 Models

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Dear Porsche drivers,

You are driving your Porsche 911 Carrera or Turbo on the highway, and in long sweeping corners, during lane changes, or when encountering road grooves, you notice that the rear of the car seems to move back and forth.

This behavior creates an insecure driving feeling and reduces confidence in your vehicle.

Many experts recommend installing a new suspension system, or a combination of suspension, lowering springs, and stiffer anti-roll bars.

If the problem persists, some even go further by installing polyurethane or uniball joints — following the motto:

“More is better!”

But is this really the right approach to significantly improve your Porsche’s handling and make it safer?

Of course not.

> Zitat
> *“Aside from the questionable benefit of being able to distinguish between cigarette butts with or without filters when driving over them, all that effort achieved absolutely nothing!”*

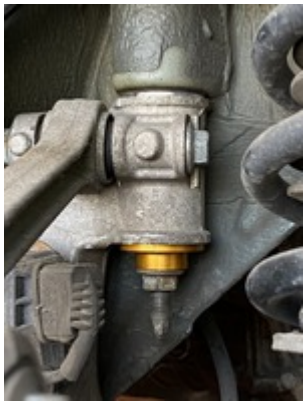
So what is the real cause?

The issue described originates from the factory-designed decoupling of the rear subframe in Porsche vehicles.

This decoupling is implemented to provide a smoother and quieter ride in standard road cars. Porsche uses elastic rubber sleeves and silent bushings to isolate mechanical vibrations and resonance from the cabin.

While the subframe is connected to the chassis, these elastic elements allow slight movement.

This reduces noise — but unfortunately results in **vague and imprecise handling**.



Our Solution

By eliminating this decoupling with our components, you may notice a slight increase in mechanical noise. In some cases, drivetrain or transmission sounds may become more audible inside the cabin.

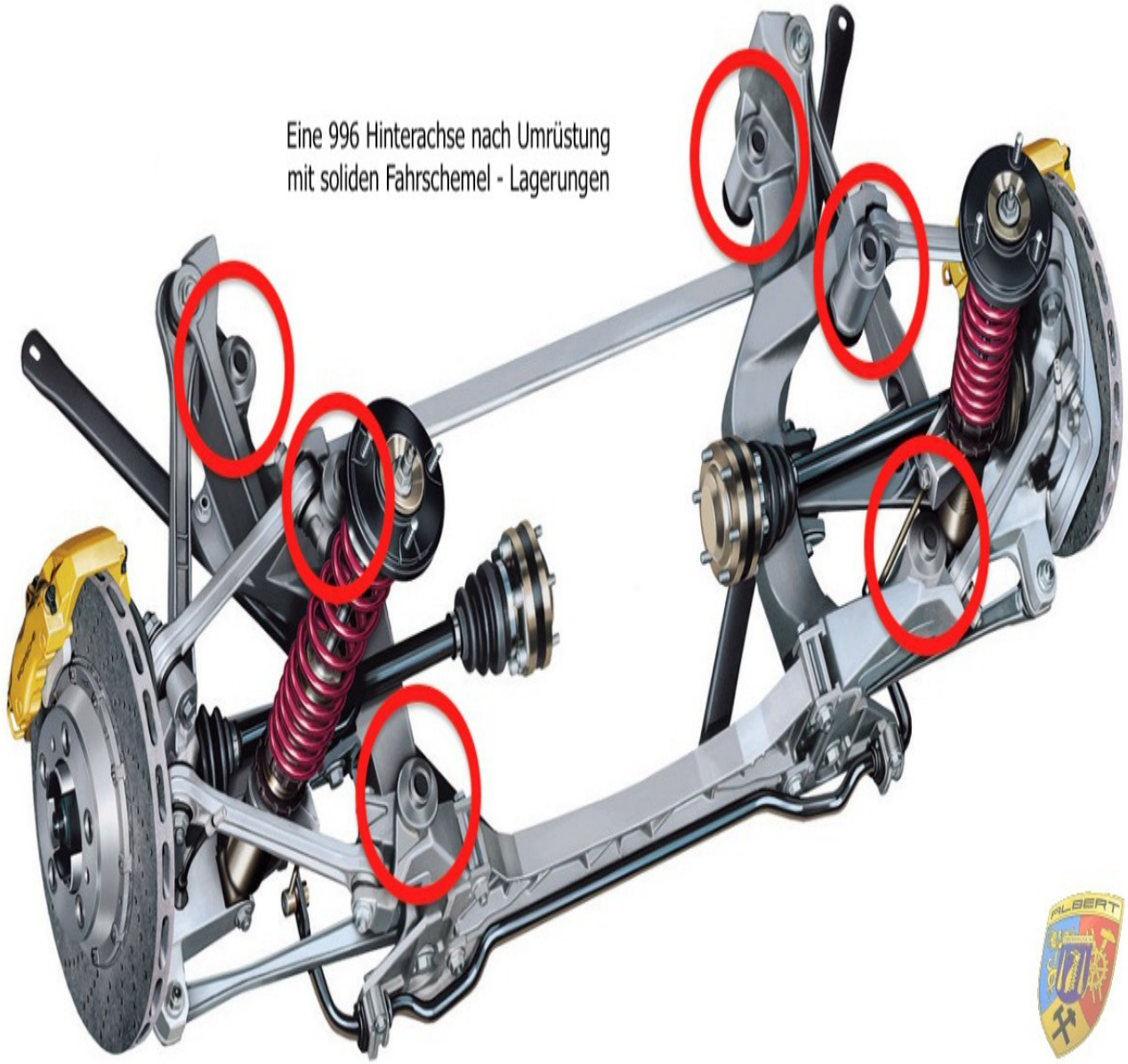
However:

The road holding and driving precision of your vehicle will improve dramatically.

The subframe becomes a rigid unit with the body and chassis — exactly how performance-oriented Porsche models are built.

Proven Motorsport Technology

https://albertweb.de/forum/thread/11284-vague-unstable-handling-in-porsche-993-996-997-models/?postID=11716#post11716



https://albertweb.de/forum/thread/11284-vague-unstable-handling-in-porsche-993-996-997-models/?postID=11716#post11716

This design principle is already used by Porsche in factory-built:

- GT3 models
- GT2 models
- Cup race cars

- Significantly improved driving precision
- More stable behavior at high speeds
- Noticeably reduced tire wear
- Increased driver confidence

This upgrade is particularly beneficial for drivers who:

- Drive in a sporty manner
- Participate in track days
- Enjoy demanding mountain roads

Technical Background (Summary)

Porsche uses elastic rubber bushings to isolate vibrations and improve comfort.

However, these components allow the rear subframe to move slightly relative to the chassis.

This reduces noise — but compromises handling precision and creates a **“floating” or “vague” rear end**.

Our Experience

We have been installing these subframe rigid mounts for decades with excellent results.

Some drivers may feel satisfied after installing an expensive suspension system.

However, in most cases:

The root cause has not been eliminated — only its symptoms have been reduced.

Our Recommendation

When customers ask us:

“Should I install a sports suspension?”

Our first question is:

“What should the car be able to do afterwards that it cannot do now?”

For sporty drivers who do not regularly drive on racetracks but still want to maintain reasonable comfort, we recommend:

- Lowering springs (Eibach, H&R, etc.) up to max. -30 mm
- Rear subframe rigid mount kit (with installation)
- Adjustable anti-roll bars according to our recommendation
- Professional alignment setup according to our specifications

After these modifications, we wish you **maximum driving pleasure** — especially in fast, sweeping highway corners.

We guarantee a **100% professional execution** of all work.

If you have any questions, please feel free to contact me at any time.

Best regards,

Jürgen Albert

Master Automotive Technician