

Is the fiberglass tail good or bad



AI Overview

Fiberglass tails are generally good for street use due to their light weight, ease of repair, and cost-effectiveness, but they are less stiff and durable than carbon fiber.

Advantages of Fiberglass Tails

- Lightweight:** Fiberglass tails are lighter than steel or some OEM parts, which can improve handling and reduce stress on hinges or mounts.
- Repairable:** Unlike carbon fiber, which can shatter on impact, fiberglass tends to craze or star, making it easier and cheaper to repair if damaged.
- Cost-effective:** Fiberglass is significantly less expensive than carbon fiber, making it a practical choice for street cars or hobby projects.
- Adequate for street use:** For most non-racing applications, fiberglass provides sufficient strength and stiffness, especially when the tail is well-protected from major impacts.

Disadvantages of Fiberglass Tails

- Less stiff than carbon fiber:** Fiberglass is not as rigid, which can result in slight flexing under aerodynamic loads or stress.
- Potential fit and finish issues:** Some aftermarket fiberglass tails may require adjustments to fit properly, and minor stress cracks can develop at bolt points over time.
- Aesthetic considerations:** Fiberglass can be painted and finished to look good, but achieving a flawless surface requires careful preparation.
- Weight distribution concerns:** In automotive applications, any mass at the rear can affect handling, so even a lightweight fiberglass tail should be considered in the context of overall vehicle balance.

Practical Recommendations

- Street cars:** Fiberglass tails are a solid choice due to their repairability, cost, and adequate performance.
- Racing or high-performance applications:** Carbon fiber may be preferred for its superior stiffness and minimal weight, despite higher cost and repair difficulty.
- Model aircraft or RC planes:** Fiberglass can sag if not properly supported; lightweight fabrics like Koverall or Solartex may be better for control surfaces.

In summary, a fiberglass tail is good for most practical applications, offering a balance of light weight, affordability, and eas...

Article Content

Pros and Cons of Using Fiberglass Car Kits for Modification

Full fiberglass car bodies have been used in racing for decades. They offer a light solution to maximize the speed of the vehicle for the driver. However, while fiberglass is used in stock

Steel tub vs Fiberglass?

I am considering long term repairs on my "new" 79 CJ5 and am wondering if there are significant disadvantages to a fiberglass tub? Also, are there tubs that would allow me to add a

How to Spot Good or Bad Quality in Fiberglass Parts

High-quality fiberglass should have a smooth, consistent finish. Run your hand over the surface — it should be free of bumps, pits, or uneven

Fitting an aftermarket fibreglass tail?

Trust me, if I could stick to the factory turbo tail, I would, but it just won't accommodate the new TT intercooler, which is why I've decided to go down the Kremer DP style extended turbo tail route.

SIG KADET SENIOR Building And Flying Instructions

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Fibreglass Body Kit Pros and Cons That You Need To Know

Fiberglass Bondo works wonders in strengthening the base panels, and the waterproofing coating allows you to repaint your design if necessary. This can result in significant

Trying my hand at making a fiberglass tail section for my '76 ...

I started off buying a couple seats on ebay, but I still have to contend with a brake light so I figured I would try the tail section and possible use the material from the ebay seats to make the pad.

Before You Try Your Hand with Fiberglass

The fiberglass parts you receive may have been improperly supported during storage or shipment and may have become warped. The fiberglass components may be so fresh that they were

Carbon-fiber vs. fiberglass tail

Okay, I'm gonna buy one of Wayne's M. A. Shaw RS rear spoilers. I don't need Kevlar, but it also comes in fiberglass or, for \$200 more, in carbon

What are the pros and cons of fiberglass body?

Multiple cars from Lotus, including Elite, Europa, Elan and Espirit used all-fiberglass bodies. There are numerous kit-cars with fiberglass bodies. Overall, while fiberglass body is used in

Aftermarket Body Kit Material Types

This guide explains the pros and cons of some of the most common body kit materials, including fiberglass, polyurethane, ABS, carbon fiber, and

Steel vs. Fiberglass Hulls | Pros, Cons, and Best Uses in Yacht ...

Explore the differences between steel and fiberglass hulls, including durability, maintenance, safety, and cost. Learn which yacht

Does a fiberglass whaletail work?

I have a 379exhd with a 70inch stand-up. I pull a stepdeck with a roll tarp. I have had the tail on my older E models and the tail worked great. But...

Does anyone know model? 1970

Does anyone know model? 1970 I just bought a 1977 19" Monterey that is in very good shape. I've got a problem with the lights on the trailer that I haven't been able to solve yet. When I was getting ready to

Fiberglass Versus Steel

Rod and Custom magazine compares fiberglass and steel bodied vintage hot rods and discuss their advantages and disadvantages.

For a full range sealed speaker, is this more or less

Effective at what? Loose fill slows down sound waves, making the enclosure effectively bigger (by ~5-10%), whereas wall-foam is used more to absorb the

Fiberglass Rod Tail: Key Insights for Better Casting Techniques

The fiberglass rod tail is a valuable component known for its strength, flexibility, and versatility. Its unique properties make it a preferred choice in fishing, construction, and manufacturing.

Different Surfboard Tail Shapes

How different tail shapes change your surfboard's manoeuvrability. The shape of the end part of your surfboard, the tail, has a key role to play.

Steel vs. Aluminum vs. Fiberglass vs. Carbon Fiber vs ...

Aluminum, fiberglass, carbon fiber, and plastic are brittle and where steel will remain intact during a crash. Cars are also required to meet government crash test standards and in my opinion steel is the

Fiberglass body. Good and bad?

Hi all, I'm a newbie. Looking at buying a jeep, it has a fiberglass body. Other than issues with electrical problems, can you give me the good, bad about these aftermarket bodies. Would a

Pros and Cons of Fiberglass

Fiberglass offers remarkable strength-to-weight ratios, durability, and resistance to corrosion. Its lightweight nature benefits transportation costs and energy consumption, making it

What are the pros and cons of fiberglass body?

A very good answer. I'm refraining right now from choosing "accepted" one, as each and every one so far is giving me different and valid viewpoint on my question.

ELI5: what is fiberglass and why is it so dangerous?

I keep hearing people talk about fiberglass and I've heard of the name but I have no clue what it is. And now I keep seeing so many people freaking out bcs there is fiberglass in their mattress and I'm so

Pros and Cons of Fibreglass Car Body Kits

Considering a fibreglass body kit for your car? Find out the upsides and downsides about body kits made from fibreglass here.

Hydrofoil/Whale Tail Good or Bad

My 76 Apollo tri hull came with a hydrofoil when I bought it. I've seen quite a few videos that they're garbage and actually hinder performance and top speed. What are your thoughts? After

Tail Pieces

Tail Pieces - The Good, the Bad and the Useless - with Billy from Animato Strings
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Bondo vs. Fiberglass: Choosing the Best Auto Repair Solution

Explore the debate of Bondo vs. Fiberglass for auto repairs. Learn the pros, cons, and make an informed decision for lasting results in your vehicle restoration project.

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