

CASE STUDY:ENGINE REVIVAL ON A CLASSIC 2001 HONDA PRELUDE SAVING A PROJECT CAR AND A DREAM

Client Success Story – Car Parts Store USA



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Client Background

Name: Jason R.,

Location: Portland, Oregon

Vehicle: 2001 Honda Prelude Type SH.



The Challenge:

Jason bought his 2001 Honda Prelude Type SH as a project car in 2022. It had 168,000 miles, some rust on the quarter panels, but was largely stock — a rare find. His goal was to restore it into a clean daily driver with the heart of a true VTEC classic.

But after just a few weeks on the road, he noticed heavy smoking under load, and a rattling noise coming from the engine bay at higher RPMs. A compression test revealed the issue: severely worn piston rings and oil blow-by in cylinder 3. Oil consumption was through the roof, and the H22A4 motor was on its last legs.

The local shops quoted \$4,500 to \$5,000 for a full rebuild, including machine work. Used engines were either overpriced or unverified. Jason was stuck — unsure whether to junk the build or take a risk on the wrong seller.



How carpartsstoreusa.com Stepped In:

Jason contacted carpartsstoreusa.com looking for a drop-in used H22A4 engine that was clean, compression-tested, and ready to install. Within 24 hours, our team found a solution:

1. Clean Low-Mileage H22A4 Engine from a 2000 Prelude (JDM Import)

We sourced a JDM H22A engine with approx. 52,000 miles, verified through import documentation and compression-tested before shipping. The engine was cleaned, pressure-tested, and shipped on a secure skid.

2. Full Compatibility Support

Even though the JDM engine had some differences (EGR porting, intake manifold layout), our team advised Jason on minor swaps he could make using his original parts for a clean install. We provided PDF guidance on how to retrofit the original sensors and wiring.



3. Transparent Pricing and Warranty

- Engine: \$2,100
- Shipping to Oregon: Free
- Warranty: 6 months (parts)

Jason's total cost with his local mechanic for labor and parts install came to just under \$3,600 — nearly \$1,000 less than a rebuild.



The Results:

Jason installed the motor with a local Honda specialist and had the car back on the road within 10 days. The engine ran smooth right out of the box — no smoke, strong idle, and that classic VTEC kick. He reported 225 PSI compression across all four cylinders and passed emissions two weeks later.



Client Testimonial



Jason R.

Portland, OR



“I was this close to giving up on the car. Every seller I talked to gave me sketchy answers. But carpartsstoreusa.com knew the H22 inside out. They saved my build — plain and simple.”

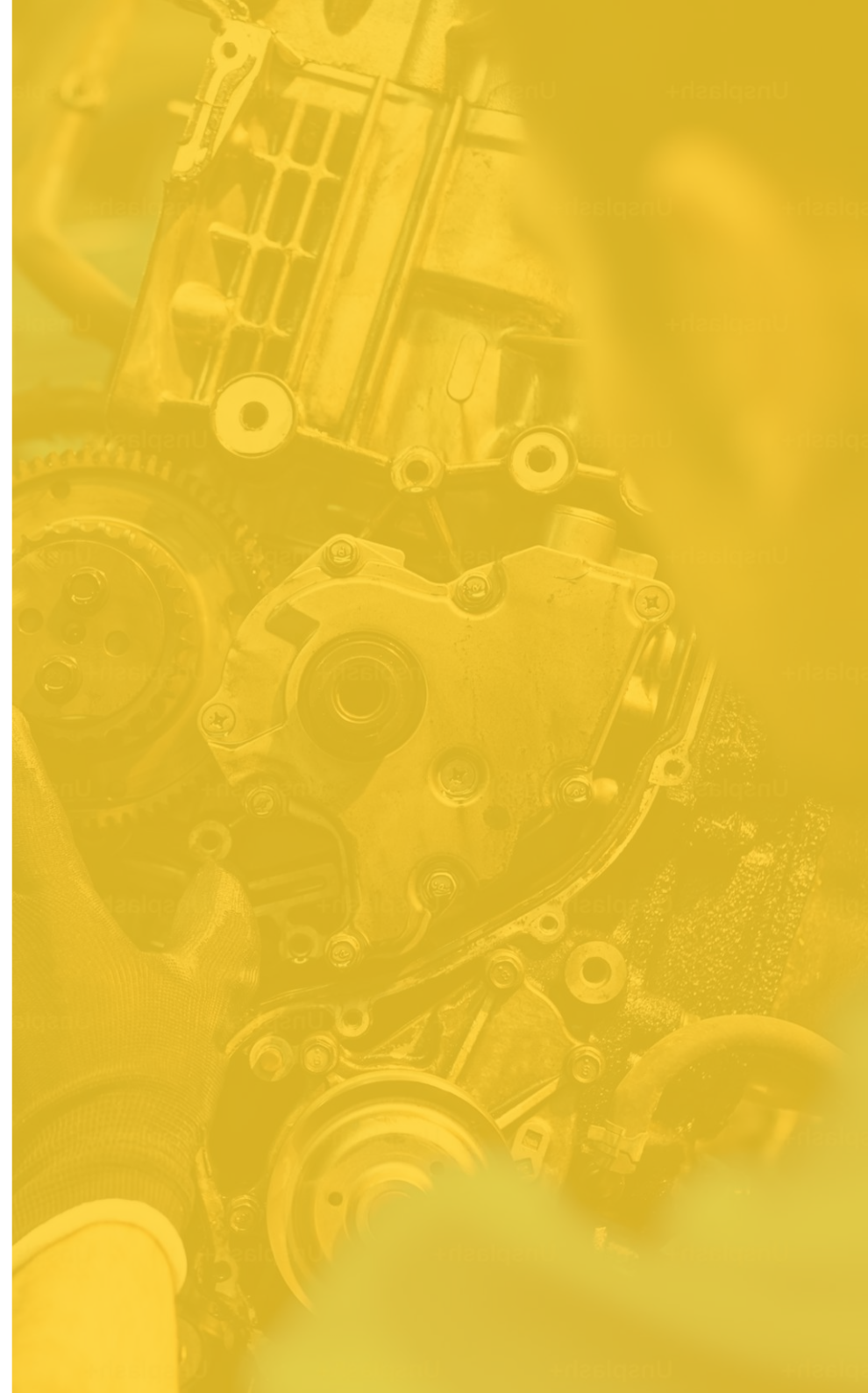
The Impact:

Cost Savings: Over \$900 saved compared to engine rebuild

Turnaround Time: 10 days from order to running

Peace of Mind: Verified compression and documented JDM import

Project Rebooted: Jason now uses the Prelude as a reliable weekend car and has plans for future bolt-ons

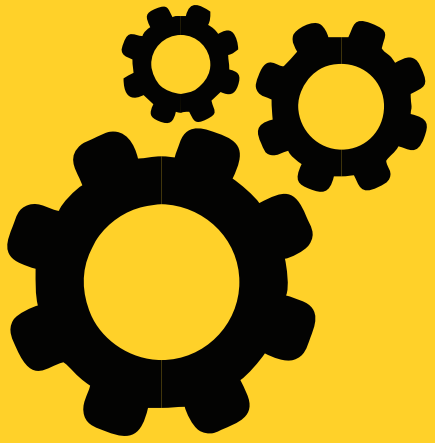


Conclusion

Classic Hondas like the Prelude Type SH are getting harder to keep alive — especially when the original H-series engines fail. But with the right sourcing, expert support, and fair pricing, carpartsstoreusa.com made it possible for Jason to keep his dream car alive — without cutting corners or compromising quality.

We help real drivers with real problems — one engine at a time.





Thank You!

For Choosing Our Products

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