

CASE-STUDY: 2014 HONDA ODYSSEY

Client Success Story – Car Parts USA



 **Car-Parts**usa
Right Parts, Guaranteed



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Client Overview

Client: Kevin Turner

Location: Columbus, Ohio

Vehicle: 2014 Honda Odyssey EX-L (3.5L V6 i-VTEC with VCM – Variable Cylinder Management)

Mileage: 128,000 miles

Primary Use: Family vehicle for daily school runs and grocery errands

Kevin is the father of three wonderful children and completely dependable on its 2014 Honda Odyssey, whether its weekday commuting or family road trips. The Odyssey has served his family well but suddenly one day it started showing signs of serious engine trouble which put their trusted minivan at risk.





Challenges Faced By Kevin

Kevin reported experiencing the following issues:

- ◆ Shuddering and hesitation during acceleration, especially when VCM engaged
- ◆ Check Engine Light (CEL) indicating cylinder misfire on Bank 1
- ◆ Excessive oil consumption, adding a quart every 800–1,000 miles
- ◆ Noticeable drop in fuel efficiency, down from 22 MPG to 16 MPG

A local Honda dealership diagnosed early-stage piston ring wear, a known issue with some Odyssey models due to Variable Cylinder Management (VCM) and poor oil control. The dealer recommended a complete engine replacement due to long-term internal damage.

- ◆ **Dealership Estimate:** \$7,200, including engine and labor with no warranty at all.

The cost was well beyond Kevin's budget, and he was advised to consider selling or scrapping the vehicle.



Solution Provided By Car Parts USA

Kevin found Car Parts USA online after reading positive reviews from other Honda owners. Our team listened carefully to his concerns and proposed a solution built around value, compatibility, and durability.

- ◆ We offered him used OEM 3.5L J35Z8 V6 engine which is compatible with 2014 Honda Odyssey with i-VTEC and VCM
- ◆ With the mileage under 60,000 miles
- ◆ It was thoroughly compression-tested and quality inspected by our certified mechanic
- ◆ VCM-safe tuning with upgraded gaskets and improved PCV system
- ◆ Parts warranty included

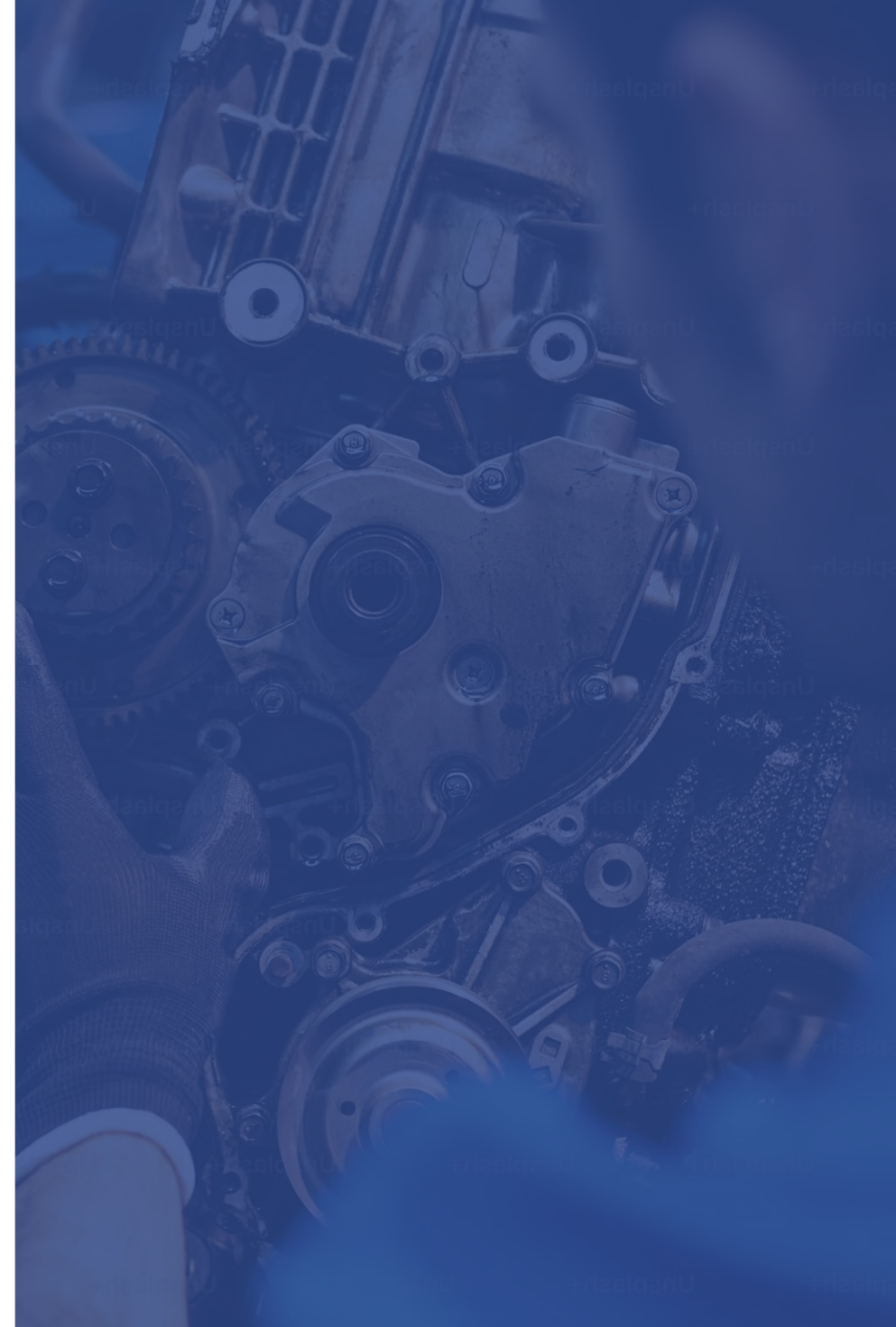
Cost Breakdown:

- ◆ **Used Engine:** \$2,950
- ◆ **Shipping:** Free
- ◆ **Installation:** \$1,100

Total Project Cost: \$4,050; Kevin was saving over \$3,000 as compared to the dealership quote.

Implementation & Installation

Car Parts USA arranged shipping of the inspected used engine within **48 hours**. The engine arrived at Kevin's trusted local mechanic in Columbus and installation began promptly.



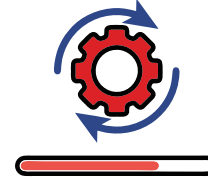
Installation Steps Included:



**Engine removal
and replacement**



**VCM system
re-integration and
tuning**



**ECU update
and re-learn
procedure**



**Final diagnostics
and road testing**

**The process was completed in 4 business days, minimizing
downtime for Kevin and his family.**

Results & Outcomes



Engine performance restored; no more shuddering or hesitation



Oil consumption fixed; no top-offs required since installation



Improved fuel economy, returned to 22 MPG



No CEL or misfire codes; engine running clean and quiet



\$3,000+ savings over dealership alternative



Client Testimonial



Kevin Turner

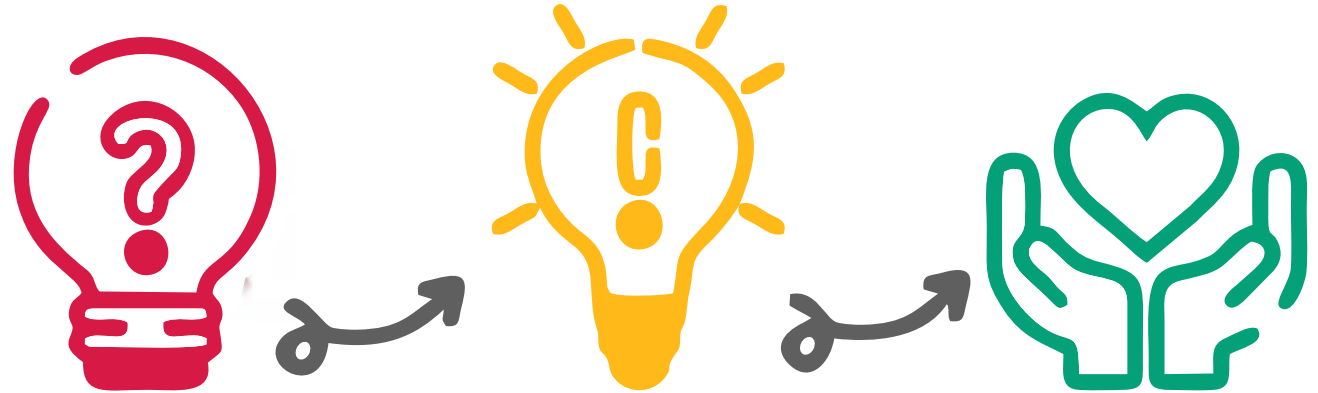
Columbus, OH



‘Car Parts USA came through when the dealership didn’t. I couldn’t afford a new car or their engine replacement quote. Now our Odyssey is running like new again, and my kids are back to soccer practice without a hitch’.

Impact of the Solution

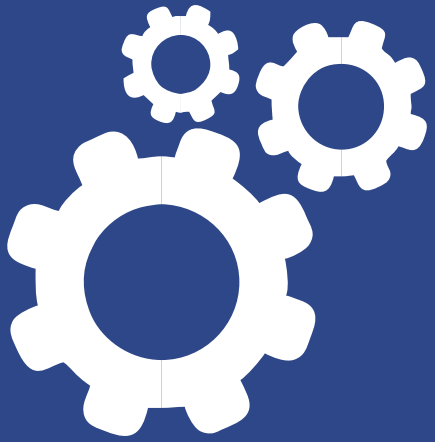
- ◆ **Financial Relief:** Kevin saved over \$3,000 on the engine replacement.
- ◆ **Extended Vehicle Life:** His Odyssey now has several more dependable years ahead.
- ◆ **Environmental Benefit:** Reusing a quality-tested used engine helped reduce automotive waste.
- ◆ **Family Stability:** The van remained central to their family routine with minimal disruption.
- ◆ **Confidence Restored:** With a warranty and improved reliability, Kevin now drives worry-free.



Conclusion

This case study highlights how Car Parts USA provided a budget-friendly, high-quality solution to a major engine issue in a 2014 Honda Odyssey. With fast shipping, verified engine quality, and expert support, we helped a family avoid an expensive dealership fix; keeping their trusted vehicle on the road for years to come.





Thank You!

For Choosing Our Products

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