

CASE-STUDY: 2013 FORD EXPLORER LIMITED

Client Success Story – Car Motive Parts



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Client Overview

Client: Marcus Hill

Location: Raleigh, North Carolina

Vehicle: 2013 Ford Explorer Limited (3.5L Ti-VCT V6 Engine)

Mileage: 133,000 miles

Primary Use: Daily commuting, weekend family outings, and long-distance travel

Marcus is a regional sales manager and a father of two, who is dependable on his 2013 Ford Explorer Limited to balance both his work travel and family responsibilities. His Explorer had been a reliable partner with ample space, a comfortable ride, and solid performance until engine issues began to disrupt his daily life and job commitments.





Challenges Faced By Marcus

Over several weeks, Marcus experienced:

- ◆ Persistent ticking noise from the engine bay during startup
- ◆ Check Engine Light indicating codes for misfires and camshaft timing errors
- ◆ Stalling at low speeds or while idling
- ◆ Rough acceleration and a noticeable drop in power

His local mechanic confirmed what Marcus feared: the 3.5L V6 had developed internal wear, likely due to cam phaser failure; a known issue in this generation of Ford V6 engines. The dealer suggested a full engine replacement.

- ◆ **Dealership Quote:** \$7,100; engine and labor but no warranty coverage
- ◆ **Local Rebuild Quote:** \$5,500 with limited warranty coverage and 3 to 4 weeks of downtime.

Marcus needed a faster and more cost-effective solution that didn't compromise reliability.



Solution Provided By Car Motive Parts

Marcus discovered Car Motive Parts while searching online for trusted replacement engine suppliers. After submitting his vehicle details, he was quickly connected with our engine specialist team. We walked him through his options, including tested used engines and remanufactured units.

- ◆ We offered used OEM 3.5L Ti-VCT V6 engine which is fully compatible with 2013 Ford Explorer Limited
- ◆ With the mileage of 61,000 miles
- ◆ The engine was thoroughly inspected, compression-tested, and leak-checked by our experts
- ◆ Includes cam phasers and timing components pre-inspected
- ◆ Backed by Parts Warranty
- ◆ VIN-matched for plug-and-play compatibility

Cost Breakdown:

Used Engine: \$3,350

Shipping: Free

Installation: \$1,150

Total Project Cost: \$4,500; Marcus saved \$2,600 compared to the dealership quote.

Implementation & Installation

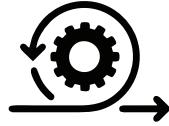
Car Motive Parts shipped the engine to Marcus's preferred repair shop in Raleigh within **72 hours**. The shop was pre-vetted by our team for experience with Ford V6 engine replacements.



Installation Steps Included:



**Removal
of the faulty
engine**



**Swap with tested
used engine and transfer
of compatible components**



**ECU reprogramming
and throttle adaptation**



**Oil, coolant, and
transmission
fluid top-offs**



**Final road
testing and
live diagnostics**



Results & Outcomes



No more engine noise, startup ticking completely resolved



Engine performance restored; smooth acceleration and idle



Oil leaks eliminated with fresh gaskets and proper torque



Fuel efficiency improved, MPG back to 20+ highway



\$2,600 in savings over dealership solution



Back on the road in under a week



Client Testimonial



Marcus Hill

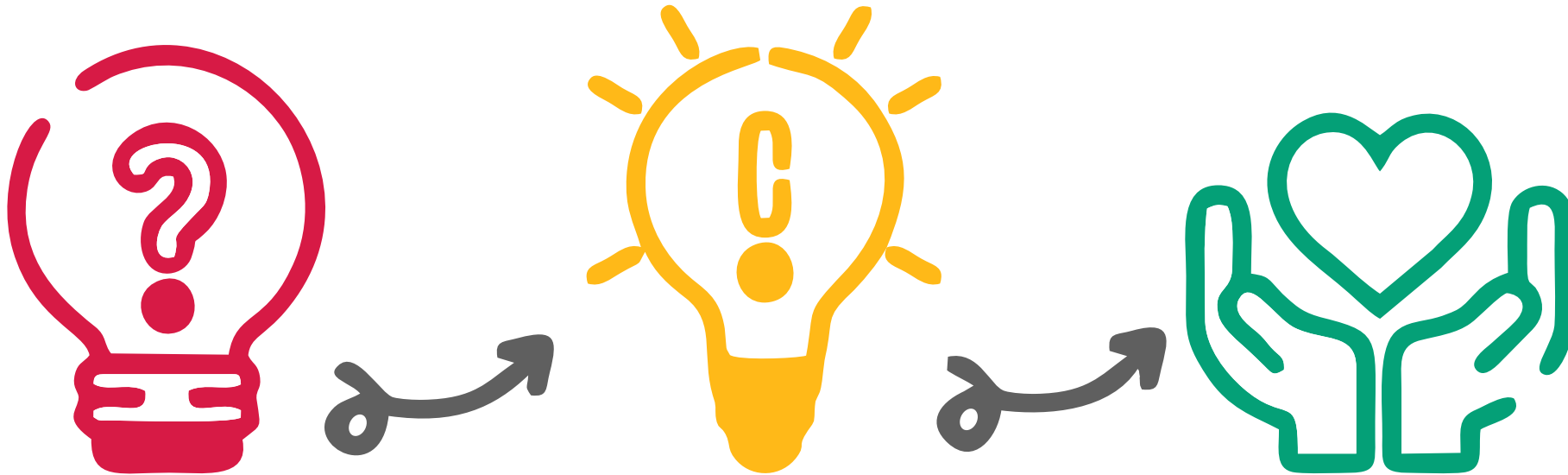
Raleigh, NC



‘I was close to trading in the Explorer, but Car Motive Parts gave me a real solution without the crazy dealer price. The engine runs great, and the process was way faster than I expected. This saved my vehicle and my work schedule’.

Impact of the Solution

- ◆ **Financial Savings:** Marcus saved over \$2,600 as compared to dealership pricing
- ◆ **Reliable Performance:** Vehicle restored to factory-level quality
- ◆ **Quick Turnaround:** Engine shipped and installed within a week
- ◆ **Environmental Impact:** Reusing a quality-tested engine reduced automotive waste
- ◆ **Peace of Mind:** Warranty-backed parts and expert installation gave Marcus long-term confidence



Conclusion

This case study highlights how Car Motive Parts helped a working professional get back on the road quickly and affordably. By offering a thoroughly inspected used engine with fast delivery and trusted installation partners, we provided a reliable solution for Marcus's 2013 Ford Explorer saving him time, money, and stress.





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Thank You!

For Choosing Our Products



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