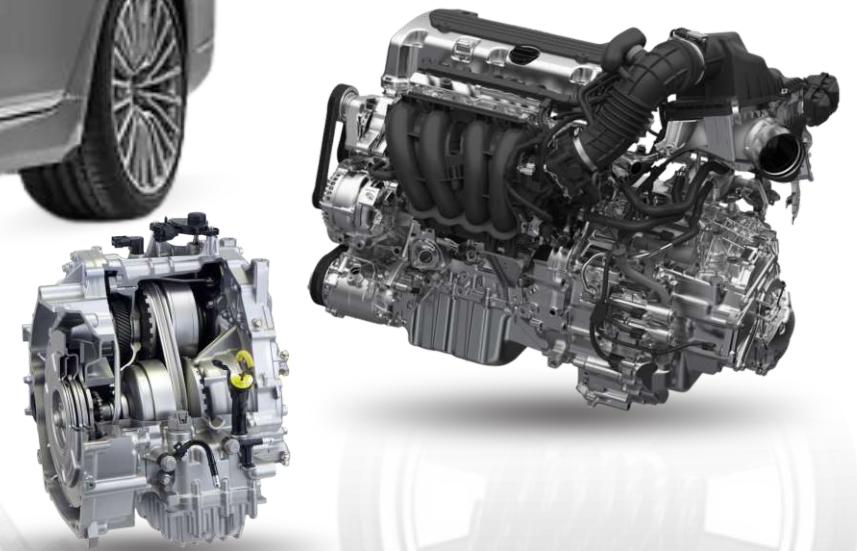


Case-Study: From Scrap to Street: Used 2017 BMW 740Li xDrive Engine Restoration

Client Success Story – Car Engine Part



Scan the QR Code

Client Overview

Client: Victor Reynolds

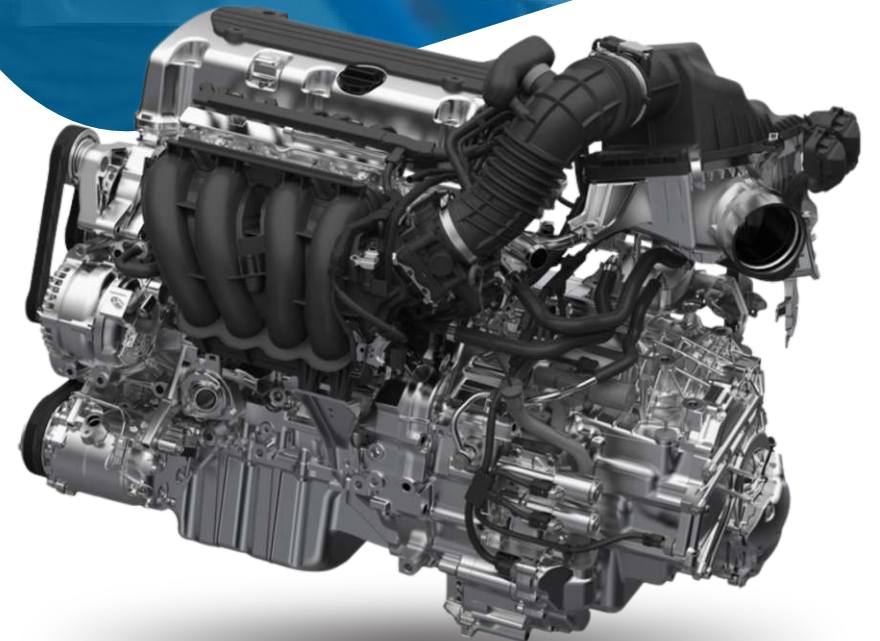
Location: Denver, Colorado

Vehicle: 2017 BMW 740Li xDrive

Engine Type: 3L B58 Inline-6 Turbocharged Engine

Usage: Personal vehicle, occasional long-distance driving

Victor Reynolds is a retired aerospace engineer who loves German luxury cars. He used to be quite proud of his 2017 BMW 740Li xDrive. The car had the comfort, performance, and status he wanted until the engine suddenly broke down, putting it out of action and in risk of being thrown away.





The Challenge Faced by Victor

Victor began experiencing issues with:

- ◆ Engine overheating during moderate drives
- ◆ White smoke from the exhaust, especially on cold starts
- ◆ Knocking sounds under load, pointing to internal bearing failure
- ◆ Low oil pressure warning, followed by limp mode activation

A diagnostic check at a local European repair shop revealed severe damage to the B58 inline-6 engine due to head gasket failure, which led to coolant mixing with oil compromising the internals.

Dealership Quote:

BMW dealership recommended a brand-new engine replacement quoted at \$13,500 including labor. The cost was unrealistic for Victor, and due to vehicle age and mileage (106,000 miles), BMW offered no warranty support or cost relief.



Solution from Car Engine Part

After researching alternatives, Victor reached out to carenginepart.com, where he was assigned a dedicated parts advisor who understood both the technical specs of BMW engines and Victor's need for an affordable, high-quality solution.

Our Recommended Solution:

- ◆ Used OEM BMW B58 3L Turbocharged Engine is compatible with
- ◆ 2017 740Li xDrive (VIN Verified)
- ◆ Mileage: 61K miles
- ◆ Compression-tested, leak-down tested, and oil-pressure verified
- ◆ Engine included turbocharger assembly and accessories
- ◆ Backed by a warranty

Cost Breakdown:

- ◆ **Used Engine: \$4,950**
- ◆ **Shipping: Free (to Victor's chosen BMW specialist garage)**
- ◆ **Local Installation: \$1,350**

Total Project Cost: \$6,300; nearly 50% less than dealership cost

Implementation & Installation

The engine was shipped within 72 hours and delivered to Victor's trusted European repair specialist. Installation included:

- ◆ Removal of the damaged engine and inspection of peripheral components
- ◆ Re-sealing and prep of the replacement B58 engine
- ◆ Re-syncing with BMW's onboard diagnostics and ECU system
- ◆ Turbocharger wastegate and timing chain inspection
- ◆ Full cooling system flush and upgraded thermostat installed

Total Installation Time: 5 days



Results & Outcomes

- ◆ Engine started clean on the first ignition
- ◆ Smooth turbo spool with no smoke or hesitation
- ◆ Oil pressure and temperature remained stable under load
- ◆ Compression results matched OEM thresholds
- ◆ Fuel efficiency and power response fully restored



Client Testimonial



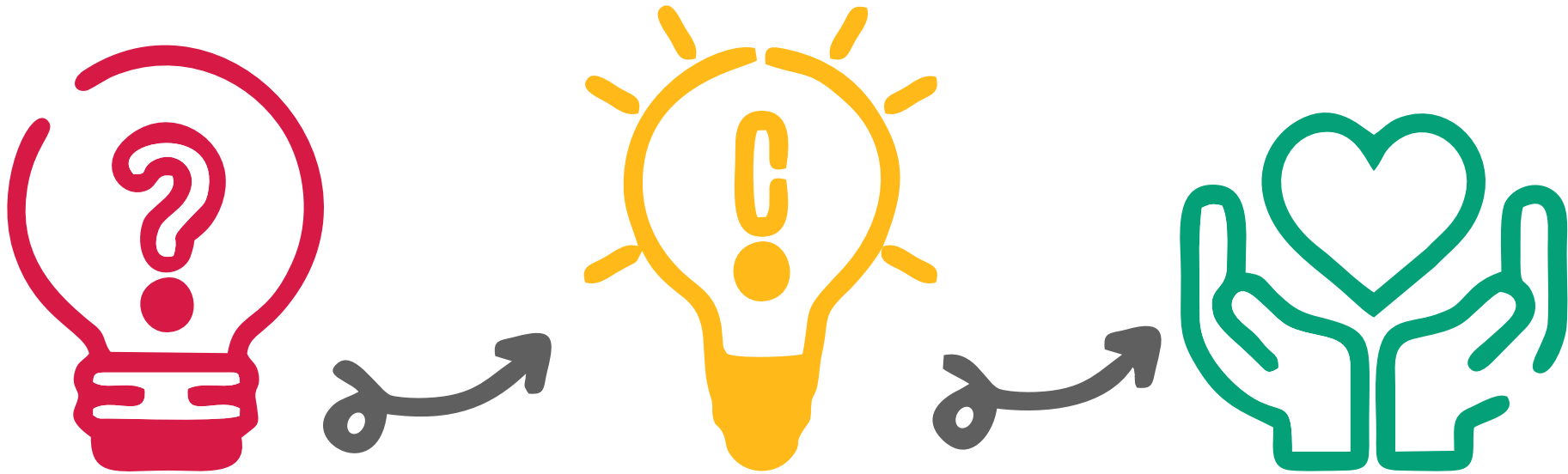
Victor Reynolds, Denver, CO
Texas



'I was one step away from scrapping the car. Car Engine Part not only saved me thousands, but they gave me peace of mind. Their engine came in ready to go, fully tested, and the process was smooth from start to finish. My 7 Series feels like itself again'.

Impact of the Solution

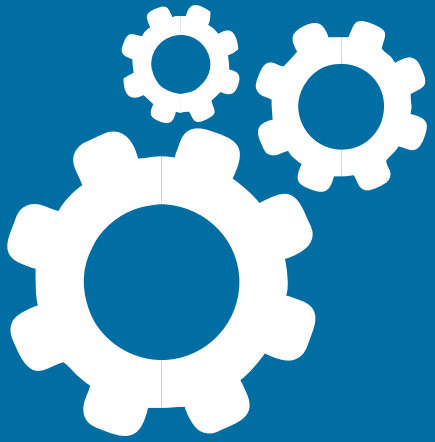
- ◆ **Cost-Effective:** Saved over \$7,000 vs. dealership engine replacement
- ◆ **Eco-Consconscious:** Reusing a tested engine avoided unnecessary waste and preserved the vehicle's lifecycle
- ◆ **Fast Turnaround:** Vehicle restored in under a week from delivery
- ◆ **Warranty Coverage:** Gave Victor peace of mind with warranty
- ◆ **Performance Restoration:** Engine ran like factory-new without any tuning or compromise



Conclusion

Victor's case is a clear example of how carenginepart.com helps vehicle owners make smarter repair decisions. By sourcing high-quality, tested used engines for luxury cars like the BMW 740Li xDrive, we deliver solutions that are practical, performance-focused, and budget-friendly. Victor's BMW is proof that second chances are possible when you choose the right engine partner from nearly being scrapped to confidently cruising again.





Thank You

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✉ info@carenginepart.com

