

Auto Service Summary

Shop: Performance Tire & Auto

Date: 6/11/2025

Reason For Visit

Your 2011 Toyota Tacoma was brought in primarily because of the check engine light coming on, which usually indicates an issue with the vehicle's engine or other key systems. The mechanics performed a complete vehicle inspection, noted related issues like engine misfires, and further investigated the problems to provide a comprehensive repair solution.

Repair Summary

During the visit, several services were completed to address the issues with your vehicle. A semi-synthetic oil change was performed to ensure your engine was properly lubricated. A complete vehicle inspection was done, followed by in-depth diagnostic testing which revealed multiple misfires and a problem with the camshaft sensor due to rodent damage. Several parts, including the camshaft timing oil control valve and the engine variable valve timing (VVT) solenoid, were inspected, with some recommended for replacement. Debris was also found in the camshaft oil control valve, which was then cleaned. The serpentine belt and front struts were replaced to maintain the vehicle's optimal performance. Additionally, rear shocks and a right rear leaf spring were replaced to enhance suspension and safety.

Major

Replace Camshaft Timing Oil Control Valve:

Ensures proper engine timing. If stuck, it could lead to poor engine performance or complete failure.

Replace Front Struts:

Vital for vehicle steering and handling, preventing excessive sway and uneven tire wear.

Replace Rear Shocks:

Essential for road safety and comfort; failing shocks may cause vehicle instability.

Moderate

Replace Serpentine Belt:

Powers important vehicle systems like the alternator and air conditioning. A failure could lead to engine overheating.

Replace Right Rear Leaf Spring:

Provides crucial support for vehicle loading; a damaged spring could lead to poor handling.

Minor

Oil Change:

Keeps engine parts lubricated, removes residue buildup, and prevents overheating.

Complete Vehicle Inspection:

Diagnostic measure to check the vehicle's overall health and identify issues early.

Cost Breakdown

1. Complete Vehicle Inspection:	\$19.95
2. Semi-Synthetic Oil Change:	\$67.75
3. Testing and Inspection:	\$159.22
4. Engine VVT Solenoid Service:	\$303.95
5. Valve Cover Gasket Service:	\$327.80
6. Serpentine Belt Replacement:	\$162.85
7. Front Strut Replacement:	\$998.27
8. Rear Shock Replacement:	\$435.98
9. Timing Chain Guide:	\$37.55
10. Right Rear Leaf Spring Replacement:	\$858.41
11. Enviro & Technology Fee:	\$3.88
12. Job Supplies:	\$86.43
13. Sales Tax:	\$324.77
TOTAL COST:	\$3,798.23

What Does This Actually Mean?

Camshaft Timing Oil Control Valve:

Regulates oil flow to change the engine's camshaft timing. Properly timed camshafts improve engine efficiency and performance. Stuck valves can lead to reduced engine power and fuel efficiency.

Engine VVT Solenoid:

Controls oil flow to the variable valve timing system, optimizing engine performance for different RPMs. Faulty solenoids can cause poor acceleration and increased fuel consumption.

Serpentine Belt:

A single belt that drives multiple peripherals in the engine, such as the alternator and A/C compressor. A broken belt can leave you stranded by causing system failures.

Front Struts:

Integral to absorbing shocks from the road and maintaining vehicle control. Worn struts can decrease vehicle safety, leading to handling issues and tire wear.

Rear Shock Absorbers:

Contribute to a smooth ride and safe handling by managing suspension travel. Bad shocks can result in increased stopping distances and unsettling vehicle movement.

Right Rear Leaf Spring:

Supports the vehicle's weight and maintains its position on the road. Damage can cause sagging and uneven tire wear.

Other Notes

All service work is covered by a nationwide 24-month/24,000-mile warranty. If any issues arise, contact 1-866-588-0728.

Recommendations

1. Regularly check for rodents or other animals near your vehicle to avoid chewed wires, which can lead to significant damage.
2. Keep up with oil changes every 3,000–5,000 miles to ensure engine longevity.
3. Schedule routine inspections to catch potential issues early and avoid costly repairs.
4. Consider having the recommended services, such as brake and air filter replacements, performed soon to maintain optimal vehicle performance.