

Auto Service Summary

Shop: Not provided

Date: Not provided

Major

Camshaft Sensor Wiring Replacement:

This was necessary due to rodent damage, which can interrupt engine signaling and lead to major engine issues if not addressed.

Front Struts Replacement:

By replacing worn struts, proper handling, and ride comfort are restored, preventing potential steering and alignment problems.

Rear Shocks Replacement:

This helped maintain vehicle stability, avoiding excessive bouncing and control issues.

Moderate

Camshaft Timing Oil Control Valve Cleaning:

Removing debris ensured better engine performance, as such blockages might hinder oil flow impacting timing.

Serpentine Belt Replacement:

This prevents issues with drive components such as the power steering pump and alternator, which could fail if the belt breaks.

Minor

Oil Change:

Keeps the engine lubricated, running smoothly, and efficiently. Neglecting regular oil changes could lead to increased engine wear.

Valve Cover Gasket Replacement:

This prevents leaks which could lead to oil loss over time and potential engine issues.

Cost Breakdown

1. Complete Vehicle Inspection:	\$19.95
2. Semi-Syn Oil Change (Dexos):	\$67.75
3. Testing and Inspection:	\$159.22
4. Connector:	\$11.42
5. Service Package (Engine VVT Solenoid):	\$303.95
6. Service Package (Valve Cover Gasket Set):	\$327.80
7. Serpentine Belt:	\$162.85
8. Front Struts Replacement:	\$998.27
9. Rear Shocks Replacement:	\$435.98
10. Timing Chain Guide:	\$37.55
11. Right Rear Leaf Spring:	\$858.41
12. Enviro & Technology Fee:	\$3.88
13. Job Supplies:	\$86.43
14. Sales Tax:	\$324.77
15. Total:	\$3,798.23

What Does This Actually Mean?

Camshaft Sensor:

This sensor helps the engine control unit understand where the camshaft's position is to properly time fuel injection and ignition. Damage can impair engine performance.

Struts and Shocks:

These help absorb shocks from the road, maintaining wheel contact to ensure the vehicle rides smoothly. Worn shocks and struts can cause poor handling and extend braking distance.

Serpentine Belt:

A vital component that powers several devices in your car such as the alternator, power steering pump, and the A/C compressor. If it snaps, these systems fail.

Oil Change:

Fresh oil lubricates, cools, and cleans the engine. Skipping oil changes can accelerate engine wear and lead to engine failure.

Recommendations

1. Regularly check for signs of rodent activity under the hood to prevent wiring damage.
2. Follow a consistent schedule for oil changes to keep the engine running optimally.
3. Inspect the vehicle's belts for signs of wear periodically, as this can prevent unexpected breakdowns.
4. Stay alert for unusual noises or handling issues which may indicate suspension or shock problems early on.