Package Results

Acura of Peoria world class inspection

Cautioned Task	Observation	Recommendation
Inspect all vehicle wiper blades	Found windshield wiper blades streaking	Replace windshield wiper inserts
Check brake fluid level/condition/leaks	Found brake fluid to be dirty/contaminated	Perform brake system fluid exchange
Check engine coolant level/condition/leaks	Found coolant to be in poor condition/contaminated	Perform coolant fluid exchange service
Inspect air cleaner element	Found air cleaner element to be dirty	Perform fuel system service
Check power steering fluid level/condition/leaks	Found power steering fluid leak	Reseal power steering pump
Inspect engine mounts	Found engine mount cracked and/or broken	Replace right engine mount

Passed Task	Observation	Recommendation
Fill windshield washer fluid	Found washer fluid level low : Filled to proper level	
Perform battery performance test	Battery passes performance test	
Measure left front tire tread depth	8/32" or greater	
Measure right front tire tread depth	8/32" or greater	
Measure right rear tire tread depth	8/32" or greater	
Measure left rear tire tread depth	8/32" or greater	
Inspect overall tire wear and condition	All tires require inspection next service	
Check/Adjust tire pressure	Set tire pressures to factory specs	
Measure front brake lining thickness	8mm and greater (disc brakes)	
Measure rear brake lining thickness	8mm and greater (disc brakes)	

Passed Tasks

- ✓ Check engine oil level/condition/leaks
- ✓ Inspect brake light(s) operation
- ✓ Inspect back-up light(s) operation
- ✓ Inspect taillight, turn signal, side marker, and license plate lights
- ✓ Inspect taillight, turn signal, and side marker assemblies for cracks/damage
- ✓ Inspect headlight low and bright beam operation
- ✓ Inspect windshield wiper/washer operation
- ✓ Inspect horn operation
- ✓ Inspect heat and air conditioning operation
- ✓ Inspect dash and interior lights operation
- ✓ Inspect malfunction indicator lamp (MIL)/ warning lamp
- ✓ Inspect Windshield
- ✓ Clutch Fluid
- ✓ Fill windshield washer fluid
- ✓ Perform battery performance test

- ✓ Inspect battery terminals/cables
- ✓ Inspect belts: serpetine, and drive belts
- ✓ Check starter and starting system
- ✓ Measure right rear tire tread depth
- ✓ Check/Adjust tire pressure
- ✓ Inspect exhaust system for leaks, damage, and loose parts
- ✓ Inspect transmission fluid level and condition
- ✓ Inspect steering and sway bar components
- ✓ Inspect ignition wires and spark plugs
- ✓ Inspect all hoses and clamps
- ✓ Measure left front tire tread depth
- ✓ Measure left rear tire tread depth
- ✓ Measure front brake lining thickness
- ✓ Inspect wheel bearings for noise/play
- ✓ Inspect fuel tank, lines, and connections
- ✓ Inspect suspension components
- ✓ Inspect cabin/HEPA micro filter
- ✓ Clutch operation (if equipped)
- ✓ Measure right front tire tread depth
- ✓ Inspect overall tire wear and condition
- ✓ Measure rear brake lining thickness
- ✓ Inspect Axles, Driveshaft(s) U-joints and CV joints/boots
- ✓ Inspect brake system components

Additional Information

Below is information we feel would help you better understand some of the reasons for taking preventive maintenance steps -- steps that help to ensure the reliability and safety of your vehicle for you and your family.

** The following section may contain instructions for servicing various components of your vehicle. These are an overview of the process that will be performed by a skilled technician in our shop. They are not intended to be a guide for a "do-it-yourself" operation.

Windshield wiper blade replacement AI-70

Operation Description:

Remove the wiper blade inserts from the wiper arms following the vehicle manufacturer's instructions (found in the owner's guide). Install new wiper blade inserts onto the wiper arms. Thoroughly clean the windshield.

Impaired view from worn wiper blades

Significance:

The ability to drive safely interests all of us. Having a clean windshield is a necessity for safe driving. Most driving decisions are dependent on the driver having a clear view of the road ahead. Worn or torn wiper blades do not effectively clean the windshield, and a dirty windshield can obstruct the drivers view, possibly resulting in an accident.

New wiper blades

Advantage:

Most wiper blade manufacturers recommend replacing your wiper blades or wiper blade inserts every 6 months or 6,000 miles. Something as simple and as inexpensive as replacing your windshield wiper blades will make your driving experience for you and your family a safer one.

Engine or transmission mount replacement AI-80

Operation Description:

Remove the weight of the engine and transmission from the mounts. Remove the worn engine mounts. Install the new mounts according to the manufacturer's service information.

Worn engine mount

Significance:

Engine and transmission mounts secure the engine and powertrain to the vehicle frame. These mounts limit engine movement, resulting in reduced noise and vibration. Engine and transmission mounts also align the powertrain for optimal performance under various engine load and torque transfer conditions.

New engine mount

Advantage:

Late model vehicles offer very little engine clearance under the hood. A broken mount can allow the engine to move and cause damage to the engine and body of the vehicle. Engine and transmission mounts are tough components, but constant vibration and changes in temperature can weaken engine mounts over time. Serious engine or powertrain damage can be prevented by replacing a worn or damaged engine mount.

Power steering fluid leak repair AI-90

Operation Description:

Perform a power steering function test. Conduct an inspection of the power steering system to locate the power steering fluid leak. Remove and install the new part or tighten the loose connection. Then top off the power steering fluid level and if necessary, bleed off any air that has entered the system.

Power steering leak at pump

Significance:

The vehicle's power steering system is an enclosed hydraulic circuit. Therefore, any leaks can disable the system and reduce the performance of the power steering system. From a safety stand point, a power steering system failure on the road can result in a dangerous situation, and possibly lead to an accident. Also, exposure to moist ambient air can damage power steering seals and internal components such as the pump, or steering gear and significantly increase the price of the repair.

New power steering pump installed

Advantage:

The vehicle's power steering system is a very important component that is frequently overlooked during service and maintenance. Repairing leaks in this system will extend its life, improve the power steering function, and greatly reduce the chance of a power steering system failure.

Coolant fluid exchange service AI-109

Operation Description:

Some coolant may be in such poor condition that a coolant flush is necessary to remove the corrosion and deposits that were created in the engine and the radiator. If so, an approved coolant removal and cycling machine is required for this procedure. Our trained technician will connect the vehicle to a state-of-the-art machine and add a cleaner to safely remove rust, sludge and scale deposits. Once the system has been cleaned, the technician will install a new coolant-and-water mix, along with a conditioner to protect the cooling system. Once this is finished, the engine will be allowed to run until it reaches normal operating temperature and then the fluid will be checked and adjusted if necessary.

Clean vs. dirty, acidic coolant (antifreeze)

Coolant flush equipment

Significance:

The engine’s coolant pulls the heat from the engine and then dissipates the heat when it enters the radiator. The engine's cooling system is a complex system comprised of many components and materials. The most common materials used are aluminum, plastic, copper, brass, rubber, and steel. The engine coolant must be compatible with all of them. The engine coolant is designed to transfer heat, stop corrosion, and provide a lubricant for the water pump seal. Old antifreeze can become acidic. The combination of acidic fluid and the dissimilar alloys in the cooling system actually creates a crude battery. This condition can cause accelerated corrosion of these materials. Changing the coolant according to a preventative maintenance schedule will prevent this acidic condition, and help prevent corrosion, and expensive future repairs.

Advantage:

Replacing the engine coolant as a part of a scheduled maintenance program is essential to your vehicle's reliability and longevity. New engine coolant has a non-acidic, non-corrosive PH level that will not destroy your cooling system components. The use of proper engine coolant will help keep your engine from overheating, and can help prevent the engine from freezing during cold weather conditions.

Brake fluid exchange service AI-113

Operation Description:

One of our skilled technicians will check the condition of your vehicle's brake fluid and, if necessary, remove contaminated fluid from the brake lines and master cylinder, replace the old fluid with appropriate brake fluid. The entire brake system will be inspected for leaks, master cylinder corrosion, worn pneumatic parts, harmful varnish build-up, broken or rusted bleeder valves, worn rotors and drums, and air in the brake lines.

Harmful deposits on brake master cylinder piston assembly

Significance:

Does your vehicle's brake pedal feel "spongy"? Brake fluid becomes contaminated over time and use. Heat and moisture can cause brake failure. Contaminated fluid leads to expensive repairs.

Brake fluid before and after service

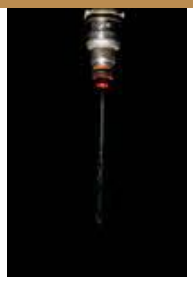
Advantage:

Worn-out, oxidized brake fluid causes corrosion and harmful deposits and varnish build up. A brake flush service should be performed when your brake fluid shows contamination or every 30,000 to 40,000 miles.

Fuel injector cleaning AI-121

Operation Description:

Injectors can be cleaned in several different ways depending on the severity of the problem, your type of vehicle, and the particular equipment your service facility uses. The quickest and easiest is a solvent put in the gasoline, but anything that can go in the gas tank will be diluted and thus not have the strength to actually clean an injector, although it may help the injector from clogging with regular use. The most common cleaning method is a high-pressure, "on the car" cleaning process where special equipment is hooked up to the fuel intake and a powerful solvent is injected under high pressure through the fuel injectors to clean out the stubborn deposits. The most aggressive method is to remove the injectors and have them cleaned "off the car" which usually is not cost effective except in very specific situations.



Poor spray pattern

Good atomization

Significance:

The efficiency of your vehicle is very dependent on the proper atomization or spray pattern that the fuel injector is responsible for. As little as an 8 or 10% restriction in an injector can adversely affect your engine's performance by not allowing the gasoline entering the combustion chamber to be burnt effectively, losing part of the energy that was available, but not burned.

Advantage:

Fuel injectors are the single most important component in the fuel system to keep your engine running efficiently and getting the most performance and mileage from every ounce of gasoline.

Recommended Services

Our technicians recommend the following services for your vehicle.

Original Customer Requests	Status	Cost	Declined	Approved
A. PERFORM COMPLETE TRANSMISSION FLUID EXCHANGE SERVICE				X
B. COMPLIMETARY ALIGNMENT CHECK, NO ADJUSTMENTS PERFORMED				X
C. PERFORMED 27 POINT INSPECTION				X

Inspection Recommendations	Status	Cost	Declined	Approved
Replace windshield wiper inserts (Found windshield wiper blades streaking)	Caution	$14.00		*See AI-70*
Replace right engine mount (Found engine mount cracked and/or broken)	Caution	$212.00		*See AI-80*
Reseal power steering pump (Found power steering fluid leak)	Caution	$418.88		*See AI-90*
Perform coolant fluid exchange service (Found coolant to be in poor condition/contaminated)	Caution	$129.95		*See AI-109*
Perform brake system fluid exchange (Found brake fluid to be dirty/contaminated)	Caution	$129.95		*See AI-113*
Perform fuel system service (Found air cleaner element to be dirty)	Caution	$249.95		*See AI-121*

Totals, Taxes and Fees	Cost	Declined	Approved
Estimate Subtotal	$1,154.73	$0.00	$0.00
Shop supplies			$0.00
Tax			$0.00
Estimate Total			**$0.00**

For "See AI-" items  *see the "Additional Info*