CUSTOMER #: 322264 UNIT# 1821M

53726

INVOICE



Northwest MINI 3901 20th Street East FIFE, WASHINGTON 98424

PHONE: (253) 284-6464 FAX: (253) 517-6464

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Vehicle Care Commitment

It's about "Peace of Mind..."

Thank you for choosing our service department to handle your vehicle's service needs. In order to provide the quality service you deserve, we have invested in the latest diagnostic equipment and information systems. These help us fully understand your vehicle's service and maintenance requirements so that we can service your vehicle in the most comprehensive and economical way possible.



We are pleased to present to you a "Know Your Vehicle" report today. It's important to us that you leave our dealership with peace of mind, so we take the extra time necessary to analyze your vehicle's health to make sure it is operating at it's optimum levels. This bumper-to-bumper inspection report will help you better understand your vehicle's performance and health. Staying on top of your vehicle's health is vitally important to ensuring your safety on the road.



Thank you for this opportunity to assist you. We appreciate your business. Please feel free to contact your service advisor if you have any questions or concerns. We will do everything we can to put your mind at ease and keep you and your family safe on the road.



How we give you "Peace of Mind..."

To help you understand what your vehicle needs to stay in top operating condition, we:

- Perform a world class visual inspection on your vehicle every visit
- Review your vehicle's maintenance schedules and search our extensive database to uncover anything we believe you should know about your vehicle based on its odometer reading and time on the road
- Make recommendations and complete a Treatment Plan for your vehicle
- Offer a complete easy to read and understand report that enables you to make an educated decision for your vehicle's service needs. Items on the report will be classified as follows:
 Pass Items are new or "like new" and do not require service at this time
 Caution Items that are dirty or showing signs of wear and would benefit from being serviced soon
 Fail Items that have either worn below minimum specifications or are no longer doing what it was designed to do and need to be repaired immediately

DISCLAIMER; Addressing any identified issues listed by the report, should improve the safety and performance of your vehicle. However, please remember that the inspection is limited to a visual inspection of the items listed on the report without disassembling or test driving your vehicle. Therefore, it is not possible for the technician to see or identify all potential defects, especially those that are internal to the engine, transmission, driveline, electrical system or other components. The cleanliness of the vehicle both inside and out at the time of the actual inspection may reduce the accuracy of the inspection. Your vehicle may have conditions that are not evident at the time of the inspection or otherwise not presented or noticed during the inspection process. Therefore, the inspection and condition report does not provide any guarantee or warranty that the vehicle will not break down in the future, or have conditions that were undetected during the inspection or were omitted from the report.



Original Customer Requests

The following is what you requested we perform or investigate regarding your vehicle:

- A. CUSTOMER STATES CHECK ENGINE LIGHT WAS FLASHING AND VEHICLE WAS RUNNING ROUGH PLEASE CHECK AND ADVISE (MIS FIRE FAULTS)
- ✓ REPLACE CYL HEAD AND ALL EXH VALVES
- ✓ B. CUSTOMER REQUEST FULL DETAIL
- C. CUSTOMER STATES DRIVERS DOOR WILL NOT OPEN FROM INTERIOR HANDLE PLEASE CHECK AND ADVISE
- D. PERFORM COURTESY MULTI POINT INSPECTION



Package Results

Northwest MINI Courtesy WorldClass Inspection

Failed Task	Observation	Recommendation
Inspect engine mounts	Found engine mount ruptured/leaking	Replace engine mount
Check engine oil level and condition	Found engine oil excessively discolored/dirty	Change engine oil and filter
Check engine coolant level and condition	Found coolant level excessively low	
Inspect taillight, turn signal, side marker, and license plate lights	 Found license plate light(s) inoperative Found burned out bulb(s) 	Replace right side marker light bulb
Inspect taillight, turn signal, and side marker assemblies for cracks and damage	Found broken side marker light assembly	Replace left side marker lens assembly
Measure rear brake pads	02 mm	Replace rear brake pads, rotors and sensor
Measure front brake pads	02 mm	Replace front brakes complete (pads, rotors, and sensor)
inspect front suspension components	Found strut mount(s) loose/worn/noisy	Replace both front strut mounts
nspect engine for oil leaks	Found engine oil leak	Replace oil pan gasketReplace crank sensor o-ring
inspect cooling system for leaks	Found engine coolant leak	Replace water pump
inspect steering system for leaks	Found steering system leak	Replace power steering hose (reservior to rack)

Failed Task	Observation	Recommendation
Left front tire tread depth	Left front tire tread worn down to steel belts	
Right front tire tread depth	Right front tire at wear bar (0 mm)	

Cautioned Task	Observation	Recommendation
Check windshield for cracks, chips and pitting	Found rock chip in windshield	Repair rock chip

Passed Task	Observation	Recommendation
Fill windshield washer fluid	Found washer fluid level low: Filled to proper level	
Left rear tire tread depth	Left rear tire tread measures 05 mm	
Right rear tire tread depth	Right rear tire tread measures 05 mm	
Check and adjust front tire pressure	Tire pressure was set to manufacturer specification - Check tire pressures monthly	
Check and adjust rear tire pressure	Tire pressure was set to manufacturer specification - Check tire pressures monthly	

	Passed Tasks	
Inspect air intake boot	Inspect exhaust system for leaks, damage, and loose parts	Inspect for wheel bearing free play
Inspect axles, driveshaft and CV joints/boots	Inspect transmission mounts	Inspect fuel tank, lines, and connections
Inspect air cleaner element	Fill windshield washer fluid	Check power steering fluid level and condition
Check brake fluid level and condition	Inspect hazard light operation	Inspect brake light operation
Inspect reverse light operation	Inspect headlight low and high beam operation	Inspect wiper and washer operation
Check horn operation	Inspect heating and air conditioning operation	Inspect dash and interior lights
Inspect brake system components	Inspect instrument cluster warning lamps	Inspect windshield wiper blades
Inspect battery terminals and cables	Inspect cabin air (HEPA/micro) filter (if equipped)	Inspect drive belts
Inspect all hoses and clamps	Inspect steering components	Inspect rear suspension components
Inspect transmission for leaks	Inspect brake system for leaks	Inspect fog/driving lights (if equipped)

- / Inspect rear wiper blade (if applicable)
- Right rear tire tread depth
- / Inspect wheels for damage
- Inspect rear differential for leaks
- Inspect sway bar components
- Check and adjust front tire pressure
- Inspect overall tire wear and condition
- Inspect transfer case for leaks
- Left rear tire tread depth
- Check and adjust rear tire pressure
- Check hood strut(s)

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Recommended Services

Our technicians recommend the following services for your vehicle.

Original Customer Requests	Status	Cost	Declined	Approved
A. CUSTOMER STATES CHECK ENGINE LIGHT WAS FLASHING AND VEHICLE WAS RUNNING ROUGH PLEASE CHECK AND ADVISE		\$119.58	Decimica	X
REPLACE CYL HEAD AND ALL EXH VALVES (MIS FIRE FAULTS)	Fail	\$5,224.19	X	
B. CUSTOMER REQUEST FULL DETAIL	Manager Ball (III A State	\$229.95		X
C. CUSTOMER STATES DRIVERS DOOR WILL NOT OPEN FROM INTERIOR HANDLE PLEASE CHECK AND ADVISE		\$120.00	X	A
D. PERFORM COURTESY MULTI POINT INSPECTION		\$0.00		X
Subtotal		\$5,693.72	\$5,344.19	\$349.53
Inspection Recommendations	Status	Cost	Declined	Approved
Replace crank sensor o-ring (Found engine oil leak)	Fail	\$160.45	X	PP-0-00
Replace power steering hose (reservior to rack) (Found steering system leak)	Fail	\$329.37	X	
Change engine oil and filter (Found engine oil excessively discolored/dirty)	Fail	\$69.95	X	See AI-18
Replace engine mount (Found engine mount ruptured/leaking)	Fail	\$233.62	X	See AI-25
Replace water pump (Found engine coolant leak)	Fail	\$952.27	X	See AI-32
Replace right side marker light bulb (Found burned out bulb (s))	Fail	\$29.92	X	See AI-35
Replace oil pan gasket (Found engine oil leak)	Fail	\$572.24	X	See AI-55
Replace both front strut mounts (Found strut mount(s) loose/worn/noisy)	Fail	\$827.24	X	See AI-75
Replace rear brake pads, rotors and sensor (02 mm)	Fail	\$479.37	X	See AI-77

Inspection Recommendations	Status	Cost	Declined	Approved
Replace front brakes complete (pads, rotors, and sensor) (02 mm)	Fail	\$529.37	X	See AI-77
Replace left side marker lens assembly (Found broken side marker light assembly)	Fail	\$68.87	X	See AI-80
Subtotal		\$4,252.67	\$4,252.67	
Repair rock chip (Found rock chip in windshield)	Caution	\$69.95	X	
Subtotal		\$69.95	\$69.95	
Totals, Taxes and Fees		Cost	Declined	Approved
Estimate Subtotal	A THE THE PERSON NAMED IN	\$10,016.3	\$9,666.81	\$349.53
Shop Fee		\$25.88		\$25.88
Tax		\$943.97		\$35.29
Estimate Total		\$10,986.1		\$410.70



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.

Oil and filter change AI-18

Operation Description:

Completely drain all oil from the engine. Reinstall the oil drain plug using a new oil drain plug gasket, and torque the drain plug to the vehicle manufacturer's specifications. Remove the oil filter from the engine. Lubricate the seal on the new filter using clean motor oil. Install the new oil filter on the engine and tighten it to specification. Refill the engine with the correct amount of motor oil specified by the manufacturer. Start the engine and allow it run for over 30 seconds. Shut the engine off and check for any oil leaks beneath the vehicle. Check the oil level. Top off as necessary.



Sludge from lack of oil

changes

Clean, maintained engine internals

Significance:

Changing your engine oil and filter is the single most important vehicle maintenance that you can perform to ensure long engine life. Engine oil that is not changed when is should can develop sludge which can cause serious engine damage in less than 15,000 miles. Today's engine oils have additives and detergents that help to prevent sludge formation, but engine heat will eventually break down these additives so they can no longer protect your engine. The solution is to change your engine oil and filter at the recommended service intervals to ensure that your engine runs reliably for many years.

Advantage:

Changing your engine oil and filter at or before the factory recommended service interval is the best way to protect your engine from premature wear or complete failure. Today's modern engines commonly last far beyond 100,000 miles when they are properly maintained with regular oil and filter changes. An oil and filter change is an inexpensive way to promote engine longevity and ensure good engine performance.

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.

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.



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.





Worn engine mount



New engine mount

Coolant leak repair

Operation Description:

The technician will first diagnose where the engine coolant is leaking by performing a cooling system pressure test. Once the leak is located, he will repair the leak or component according to factory service information. When this is done, he will top off the coolant using only the recommended fluid, and then pressure test the cooling system to ensure that the leak has been repaired.

Significance:

Engine coolant leaks from your vehicle are an indication that a seal, gasket, or component has failed and needs to be repaired or replaced. Engine coolant leaks, when ignored, can lead to engine overheating and can cause major engine damage - not to mention the mess that the leak creates in your driveway.

Advantage:

Repairing engine coolant leaks can help keep your vehicle reliable and clean and keep the engine and transmission running cool. Unrepaired coolant leaks can lead to expensive repairs arising from an engine overheating.

Al-32



Old, leaking water pump



New water pump

AI-35

Bulb replacement

Operation Description:

Perform a function test of entire lighting system. Visually inspect the headlamps, high and low beams, hazard signals, turn indicators, parking lights and brake lights. Remove and install new light bulbs as needed to repair inoperative vehicle lamps.

Significance:

Lighting systems are required on all vehicles by both state and federal laws. Lights are a major contributor to your safety, not only by allowing you to see the road in front of you at night, but also by allowing other vehicles to see you. The value of having fully-functioning lights far outweighs the cost of replacing burned-out light bulbs. The cost is normally less than the inconvenience and can also prevent you from receiving a traffic citation.

Advantage:

The vehicle lighting system is an important safety feature of your car. Replacing burned out light bulbs is an inexpensive way to ensure that your driving experience is a safe one.



Burned-out light bulbs



New light bulb

Oil leak repair Al-55

Operation Description:

Determine where the engine oil is leaking from. Repair the leak according to the manufacturer's service information. Top off the engine oil, and then take the vehicle for a test drive. Recheck the oil leak to verify that it has been effectively repaired.

Significance:

Engine oil leaks under your vehicle can indicate that a seal, gasket, or component has failed and needs to be repaired or replaced. Engine oil leaks leave a mess in your driveway, but more importantly, when they are ignored, they can lead to major engine damage.



Repairing engine oil leaks helps keep your vehicle reliable and your driveway clean. Repairing an engine oil leak can also help you avoid the expensive repairs arising from running an engine that is low on oil. Running an engine low on oil can lead to complete engine failure.



Removing a leaking rear main seal



New rear main seal

AI-75

Strut mount replacement

Operation Description:

Lift the vehicle. Remove the wheel. Follow the vehicle manufacturer's service information to remove the strut and spring assembly from the vehicle. Using a strut spring compressor, carefully compress the coil spring and disassemble the strut assembly. Remove the strut cap and bearing. Install the new strut mount. Decompress the coil spring and install the assembly back onto the vehicle. Reinstall the wheel; torque the lug nuts to the correct torque specification. Perform a complete wheel alignment.



Broken strut mount

Significance:

When a strut mount wears out, your vehicle will make a lot of noise when going over bumps. Worn out strut mounts can also cause your tires to wear unevenly, greatly reducing the life of your tires.



Replacing your worn out strut mounts can improve overall vehicle handling, making your vehicle more predictable and safer to drive. It can also prevent the premature tire wear that is associated with worn or broken strut mounts.



New strut mounts

Brake pad/shoe replacement

Operation Description:

Remove the wheels. For disc brakes, remove the brake caliper and then remove the brake pads. Inspect the rotors for signs of damage or excessive wear. Replace or resurface the rotor as necessary. Inspect the brake caliper and brake hoses for damage and leaks. Replace the brake pads. For drum brakes, remove the brake drum. Remove the brake shoes. Inspect the brake hardware, wheel cylinders and hoses for damage. Inspect the brake drum for damage, or excessive wear. Replace or resurface the drum as necessary. Clean the brake drum and backing plate. Replace the brake shoes. Reinstall the brake drum. Adjust the brakes as necessary. Reinstall the wheels and torque the lug nuts to the vehicle manufacturer's specifications.

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AI-7

Damaged brake rotor from metal-to-metal contact



New brake pads

Significance:

This repair is all about safety. Your vehicle's brake system is only as good as your brake pads and/or brake shoes. The safety of you and your family depends on your brake system working properly and stopping your vehicle - every time. Aside from the obvious safety issues, neglecting the maintenance of your brake pads and shoes can cause the friction material on your brake pads and shoes to completely wear out. This can cause the steel backing on your brake pads or shoes to contact the rotors or drums and will destroy the rotors or drums, leaving you with an expensive repair bill.

Advantage:

There are no shortcuts when it comes to your vehicle's brakes. Having a professional automotive technician check and service brakes on a regular basis is essential to your safety behind the wheel. Maintaining your brake system by replacing your brake pads and shoes before they are completely worn out will help keep your brakes working properly and save you money by avoiding unexpected damage to your brake components caused by metal to metal contact.

Lens replacement AI-80

Operation Description:

Inspect all exterior lamp assemblies to identify any cracked or broken light lenses. In some cases, the lens portion can be replaced, making the lamp assembly serviceable. Normally the entire lamp assembly needs to be replaced in order to repair a cracked or broken lens.

Broken taillight lens



New taillight lens

Significance:

All vehicle lights are important safety features that allow you to see or to be seen during various driving conditions. A cracked or broken lens allows moisture to enter the lamp, and can cause damage to the light bulb or electrical connector, rendering the lamp useless. Water damage to electrical wiring will allow corrosion to build up and "wick" its way through the wiring harness. This may lead to a very costly repair at a later date. State and federal traffic laws require vehicle lighting to function correctly at all times.

Advantage:

The safety features of your vehicle require very little maintenance and provide a lot of value to your vehicle. Procrastinating the replacement of a cracked or broken lens will lead to a larger repair later. Generally the repair is less than the time and inconvenience of the traffic stop and possible citation because of a broken lens or inoperative light.