

Multi-Point Inspection Form

RO# 6124526
 CITY OF WORCESTER PUBLIC SCHOOLS
 VIN WDPFF4CC5C9512355



Created On 9/17/2024

Checked and OK at this time

May Require Future Attention

Requires immediate attention

Interior / Exterior	
<input checked="" type="checkbox"/>	<input type="checkbox"/> Bulbs and Lights
<input checked="" type="checkbox"/>	<input type="checkbox"/> Windshield Washer Spray / Wiper Operation / Wiper Blades Wiper Arms / Including Rear (if applicable)
<input checked="" type="checkbox"/>	<input type="checkbox"/> Windshield Condition (inspect for Cracks, Chips, or Pitting)
<input checked="" type="checkbox"/>	<input type="checkbox"/> Upholstery / Carpet / Floor Mats / Mirrors / Glass
<input checked="" type="checkbox"/>	<input type="checkbox"/> Emergency Brake Adjustment
<input checked="" type="checkbox"/>	<input type="checkbox"/> Horn Operation
<input checked="" type="checkbox"/>	<input type="checkbox"/> Fuel Tank Cap Gasket
<input checked="" type="checkbox"/>	<input type="checkbox"/> Air Conditioning Filter (if equipped)
<input checked="" type="checkbox"/>	<input type="checkbox"/> Clutch Operation (if equipped)
<input checked="" type="checkbox"/>	<input type="checkbox"/> Cabin/HEPA Filter

Under Vehicle	
<input checked="" type="checkbox"/>	<input type="checkbox"/> Alignment
<input checked="" type="checkbox"/>	<input type="checkbox"/> Shock Absorbers / Suspension
<input checked="" type="checkbox"/>	<input type="checkbox"/> Steering Gear Box / Linkage and Boots / Ball Joints / Dust Covers
<input checked="" type="checkbox"/>	<input type="checkbox"/> Muffler / Exhaust Pipes / Mountings
<input checked="" type="checkbox"/>	<input type="checkbox"/> Engine Oil and/or Fluid Leaks
<input checked="" type="checkbox"/>	<input type="checkbox"/> Drive Shaft Boots / Constant Velocity Boots / U-joints / Transmission Linkage (if equipped)
<input checked="" type="checkbox"/>	<input type="checkbox"/> Transmission / Differential / Transfer Case (Check Fluid Level, Fluid Condition and Fluid Leaks)
<input checked="" type="checkbox"/>	<input type="checkbox"/> Fuel Lines and Connections / Fuel Tank Band / Fuel Tank Vapor Vent System Hoses
<input checked="" type="checkbox"/>	<input type="checkbox"/> Inspect Nuts and Bolts on Body Chassis

Under Hood	
<input checked="" type="checkbox"/>	<input type="checkbox"/> Fluid Levels: Oil / Coolant / Battery / Power Steering / Brake Fluid / Washer / Automatic Transmission
<input checked="" type="checkbox"/>	<input type="checkbox"/> Engine Air Filter
<input checked="" type="checkbox"/>	<input type="checkbox"/> Drive Belts (condition and adjustment)
<input checked="" type="checkbox"/>	<input type="checkbox"/> Engine Coolant Protection
<input checked="" type="checkbox"/>	<input type="checkbox"/> Cooling System Hoses / Heater Hoses / Air Conditioning Hoses and Connections
<input checked="" type="checkbox"/>	<input type="checkbox"/> Radiator Core / Air Conditioning Condenser (if equipped)

Battery Performance	
<input checked="" type="checkbox"/>	<input type="checkbox"/> Battery Terminals / Cables / Mountings
<input checked="" type="checkbox"/>	<input type="checkbox"/> Check Condition of Battery (Storage Capacity Test)

Tread Depth (measured in millimeters)	
<input type="checkbox"/>	<input type="checkbox"/> LF <u>8, 7, 4</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/> RF <u>7, 8, 8</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/> LR <u>8, 7, 8, 8, 8, 7</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/> RR <u>7, 7, 8, 8, 7, 7</u>

Abnormal Wear Pattern of Tires	
<input checked="" type="checkbox"/>	<input type="checkbox"/> LF
<input checked="" type="checkbox"/>	<input type="checkbox"/> RF
<input checked="" type="checkbox"/>	<input type="checkbox"/> LR
<input checked="" type="checkbox"/>	<input type="checkbox"/> RR

Check Brake Linings (measured in millimeters)	
<input checked="" type="checkbox"/>	<input type="checkbox"/> LF <u>8</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/> RF <u>8</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/> LR <u>8</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/> RR <u>8</u>

Miscellaneous	
<input type="checkbox"/>	<input type="checkbox"/> MISC



Initial Concerns

The service(s) listed below are the recommendations made by your technician [REDACTED] as the repair necessary to resolve your initial concern.

Red: requires immediate attention.

Yellow: in need of attention soon.

Turbo(s) Rebuild/Replace: Turbocharger W/New gaskets and bolts

Item Description

A turbo is an exhaust driven pump which compresses intake air and forces it into the combustion chambers at higher than atmospheric pressures. The increased air pressure allows more fuel to be burned and results in increased horsepower being produced.

Reason

If the turbo charger is not rebuilt/replaced the vehicle will have a major decrease in overall power and an increase in the amount of oil burned. There will also be a noticeable amount of blue exhaust smoke during the vehicle's idle with an evident increase in noise coming from the damaged turbo.



Intercooler

Item Description

An intercooler is an air-to-air or air-to-liquid heat exchange device used on turbocharged and supercharged internal combustion engines to improve their volumetric efficiency by increasing intake air charge density, which removes the heat of compression that occurs in any gas when its pressure is raised or its unit mass per unit volume (density) is increased.

Reason

If damaged the intercooler will not be able to cool the charge air. It can also cause a vacuum/boost leak which can cause rough running conditions and dramatic loss of power.



Oil Change

Item Description

The act of draining out the old or dirty oil from an engine and replacing it with fresh oil, and replacing the oil filter. The most basic service item.

Reason

If not changed, the result will be engine overheating and engine damage.



Additional Service Recommendations

In the process of inspecting your vehicle for safety and reliability, your technician [REDACTED] made the following observations and recommends that you do the necessary repairs to resolve these issues.

■ Red: requires immediate attention.

■ Yellow: in need of attention soon.

Multi-Point Inspection Form

RO# 6125626
CITY OF WORCESTER PUBLIC SCHOOLS

VIN WDPFF4CC5C9512355



Created On 10/3/2024

Checked and OK at this time

May Require Future Attention

Requires immediate attention

Interior / Exterior	
<input checked="" type="checkbox"/>	Bulbs and Lights
<input checked="" type="checkbox"/>	Windshield Washer Spray / Wiper Operation / Wiper Blades Wiper Arms / Including Rear (if applicable)
<input checked="" type="checkbox"/>	Windshield Condition (inspect for Cracks, Chips, or Pitting)
<input checked="" type="checkbox"/>	Upholstery / Carpet / Floor Mats / Mirrors / Glass
<input checked="" type="checkbox"/>	Emergency Brake Adjustment
<input checked="" type="checkbox"/>	Horn Operation
<input checked="" type="checkbox"/>	Fuel Tank Cap Gasket
<input checked="" type="checkbox"/>	Air Conditioning Filter (if equipped)
<input checked="" type="checkbox"/>	Clutch Operation (if equipped)
<input checked="" type="checkbox"/>	Cabin/HEPA Filter

Under Vehicle	
<input checked="" type="checkbox"/>	Alignment
<input checked="" type="checkbox"/>	Shock Absorbers / Suspension
<input checked="" type="checkbox"/>	Steering Gear Box / Linkage and Boots / Ball Joints / Dust Covers
<input checked="" type="checkbox"/>	Muffler / Exhaust Pipes / Mountings
<input checked="" type="checkbox"/>	Engine Oil and/or Fluid Leaks
<input checked="" type="checkbox"/>	Drive Shaft Boots / Constant Velocity Boots / U-joints / Transmission Linkage (if equipped)
<input checked="" type="checkbox"/>	Transmission / Differential / Transfer Case (Check Fluid Level, Fluid Condition and Fluid Leaks)
<input checked="" type="checkbox"/>	Fuel Lines and Connections / Fuel Tank Band / Fuel Tank Vapor Vent System Hoses
<input checked="" type="checkbox"/>	Inspect Nuts and Bolts on Body Chassis

Under Hood	
<input checked="" type="checkbox"/>	Fluid Levels: Oil / Coolant / Battery / Power Steering / Brake Fluid / Washer / Automatic Transmission
<input checked="" type="checkbox"/>	Engine Air Filter
<input checked="" type="checkbox"/>	Drive Belts (condition and adjustment)
<input checked="" type="checkbox"/>	Engine Coolant Protection
<input checked="" type="checkbox"/>	Cooling System Hoses / Heater Hoses / Air Conditioning Hoses and Connections
<input checked="" type="checkbox"/>	Radiator Core / Air Conditioning Condenser (if equipped)

Battery Performance	
<input checked="" type="checkbox"/>	Battery Terminals / Cables / Mountings
<input checked="" type="checkbox"/>	Check Condition of Battery (Storage Capacity Test)

Tread Depth (measured in millimeters)	
<input checked="" type="checkbox"/>	LF <u>N/T</u>
<input checked="" type="checkbox"/>	RF <u>N/T</u>
<input checked="" type="checkbox"/>	LR <u>N/T</u>
<input checked="" type="checkbox"/>	RR <u>N/T</u>

Abnormal Wear Pattern of Tires	
<input checked="" type="checkbox"/>	LF
<input checked="" type="checkbox"/>	RF
<input checked="" type="checkbox"/>	LR
<input checked="" type="checkbox"/>	RR

Check Brake Linings (measured in millimeters)	
<input checked="" type="checkbox"/>	LF <u>N/T</u>
<input checked="" type="checkbox"/>	RF <u>N/T</u>
<input checked="" type="checkbox"/>	LR <u>N/T</u>
<input checked="" type="checkbox"/>	RR <u>N/T</u>

Miscellaneous	
<input checked="" type="checkbox"/>	MISC



Initial Concerns

The service(s) listed below are the recommendations made by your technician [REDACTED] as the repair necessary to resolve your initial concern.

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 Yellow: in need of attention soon.

Exhaust System: DPF,SCR cat

Item Description

The exhaust system is primarily composed of piping used to guide reaction exhaust gases away from a controlled combustion inside an engine. The entire system conveys burnt gases from the engine and includes one or more exhaust pipes, various converters, sensors and hangers.

Reason

Failing to address issues with your vehicles exhaust system can result in a variety of issues including but not limited to a reduction of fuel economy, higher harmful emissions, and higher repair costs down the road.

Nox Sensor: Both Nox sensors

Item Description

The NOx sensor measures the levels of nitrogen oxides in the exhaust system which cause air pollutants. This sensor works in conjunction with various components in the exhaust system to help you conserve gas and burn off more pollutants.

Reason

If this sensor is faulty then your fuel consumption will increase and you will be unable to pass your vehicle emissions inspection.