



MECHANICAL FITNESS ASSESSMENT

As required by Vehicle Inspection Regulation (A/R 211/2006)

Dealer: _____

AMVIC License Number: _____

Address: _____

VEHICLE INFORMATION

Year: 2011 Make: Mercedes Model: S 550 4 Matic Previous Province of Registration: _____

Vehicle Identification Number: WDDNG8G56BA396915 Odometer Reading: 147102 ☒ (km / mi) ☐

☐ Truck ☐ Motorcycle ☐ Bus ☐ Van ☐ Light Truck ☒ Auto ☐ Motorized RV ☐ Other

Please check mark (✓) each item as C = Complies N = Non-Compliant N/A=Not Applicable

Powertrain	C	N
Accelerator	✓	
Fuel System	✓	
Exhaust	✓	
Transmission	✓	
Front/Rear/Spindles Axles	✓	
Clutch	✓	
Fluid Levels (power steering, brake)	✓	
CV Joints	✓	

Lamps	C	N
Head Lamp Hi Beam	✓	
Head Lamp Lo Beam	✓	
Head Lamp Location	✓	
Daytime Running Lamps	✓	
Tail Lamps	✓	
Brake Lamps	✓	
Turn Signal Lamps	✓	
Hazard Warning Lamps	✓	
Licence Plate Lamp	✓	
Back-up Lamps	✓	

Instruments	C	N
Speedometer/Odometer	✓	
Indicator Lamps	✓	
Horn	✓	
Hi Beam Indicator	✓	

Brakes	C	N
Parking/Emergency Brake	✓	
Hydraulic System	✓	
Vacuum System	✓	
Drum Brakes	✓	
Disc Brakes	✓	
Shoes/Pads	✓	
Anti-Lock (if OEM equipped)	✓	

Steering	C	N
Steering Lash	✓	
Steering Linkage	✓	
Rack & Pinion	✓	
Power Steering System	✓	
King Pin	✓	
Ball Joints	✓	

Suspension	C	N
Leaf springs	✓	
Struts and Shocks	✓	
Coil spring	✓	
Torsion Bar	✓	
Independent/Multilink Rear	✓	
Computer Controlled	✓	

Diagnostic	C	N
Diagnostic Trouble Codes	✓	

Frame & Body	C	N
Hood Latch	✓	
Door Latches & Hinges	✓	
Bumpers	✓	
Windshield Wipers & Washer	✓	
Rear Wiper & Washer	✓	
Windshield	✓	
Windows	✓	
Defrost/Heaters	✓	
Mirrors	✓	
Seats	✓	
Seat Belts/Airbags	✓	
Mudguards	✓	
Window Glazing	✓	
Structural Integrity	✓	

Tires & Wheels	C	N
Tread Depth	✓	
Tread Section	✓	
Sidewalls	✓	
Wheels	✓	

Electrical	C	N
Wiring	✓	
Battery	✓	
Switches	✓	
Alternator	✓	

Technician Comments

Very Clean car for year 1

This is to certify that I have assessed the vehicle described above in accordance with the Traffic Safety Act, Vehicle Equipment Regulation (A/R 122/2009). By signing this assessment, I verify the contents of this document are true and correct.

Signature of Certified Journeyman Technician: _____

Technician Name (Print): Akid M. Khan

Technician Trade Certificate Number: T-13-6411

Date: June 12/25

This assessment expires 120 days after the date it was issued.

I, the buyer of this vehicle, acknowledge receipt of this assessment.

Signature of Buyer _____

Buyer (Print) _____

Signature of Salesperson _____

Salesperson (Print) _____

Date _____

Minute Muffler and Brake

Advance Tire & Automotive
1357 32nd Avenue N.E.
Calgary, Alberta T2E 7Z5
Phone: (403) 250-5010 ~ Fax: (403) 250-6852
Advancetire@telus.net
Tax ID# 130570591

Invoice

[REDACTED]

[REDACTED]

Plate AB NO PLATE
Description 2011 Mercedes-Benz S550 4Matic V8 5.5L
5461CC 333CID
VIN WDDNG8GB6BA396915
Odometer 147,032

Invoice # 70001
Work Order # 80298
Service Advisor Jody Chandra
Technician Ravi Chandra

Invoice Date 4/2/2025 2:27 PM
Appointment 3/26/2025 11:54 AM
Promised 3/26/2025 11:54 AM

Concern

Check Engine Light On
Diagnostic Findings:

Scanned vehicle and retrieved the following codes:

P0140 - O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)

P2272 - O2 Sensor Signal Stuck Lean (Bank 1 Sensor 2)

P2270 - O2 Sensor Signal Stuck Lean (Bank 1 Sensor 2)

P0141 - O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)

P0038 - HO2S Heater Control Circuit High (Bank 1 Sensor 1)

P0160 - O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)

P0562 - System Voltage Low

P0335 - Crankshaft Position Sensor 'A' Circuit Malfunction

Visual Inspection & Testing:

Found the passenger side downstream O2 sensor wires cut and hardwired.

Tested the driver's side heater circuit; found power at the sensor connector, but where PCM-controlled ground should be, there is approximately 3.5 volts present instead.

Recommended Repairs:

1. Replace both downstream O2 sensors.
2. Install a new pigtail to properly repair the passenger-side downstream O2 sensor wiring.
3. Recheck for codes after repairs.

Important Notes for the Customer:

There are additional unrelated codes present that may require further diagnosis.

Due to the improper wiring found, there's a possibility the PCM's internal driver may have sustained damage. If so, further repairs may be necessary.

The check engine light may return after initial repairs. Additional diagnostic time may be required to address other issues.

Labor	1 Hour	\$145.00 *G
	Sub	\$145.00

Inspection

Notes

Description	1 Hours	\$145.00 *G
Install Pigtail		
-- Pigtail Wiring	1 Unit	\$82.72 / Unit
	Sub	\$227.72

Service

Downstream Oxygen Sensor(s)

Remove and Replace components as required to access and install materials, and/or perform needed service. Retest and verify repair as required. Perform final road test where applicable.

Labor	1.5 Hour	\$217.50 *G
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NGK - Oxygen Sensor

2 Unit

\$140.49 / Unit

\$280.98 G

Sub

\$498.48

Total Parts

\$363.70

Total Labor

\$507.50

Total Before Taxes & Miscellaneous Charges

\$871.20

(*) Shop Supplies

\$25.38 G

(G) Canadian Goods and Services Tax (GST)

5 %

\$44.83

Grand Total

\$941.41

DIAMOND EXOTIC AND TRUCK SALES paid \$941.41 by Direct Deposit

We Appreciate your Business!

I acknowledge receipt of the vehicle and the indebtedness indicated herein.

Customer Signature: _____