


**Fix Finder™ Report**


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**Report # 08832274181641306**

Store # 0883 March 15, 2022, 12:16 PM

**2006 HYUNDAI AZERA**

VIN   
 KMHFC46F96A\*\*\*\*\*

Odometer   
 100000 mi



Power Train System



Anti-Lock Brake System



Service Interval Light

**MOST LIKELY SOLUTION**

**Power Train System**

**Replace Oxygen Sensor(s) (O2S)**

Suggested Parts: 1

**Oxygen Sensor**

**How It Works**



A device in the exhaust system that measures the actual amount of oxygen in the exhaust as it exits the engine. The oxygen sensor generates voltage which is sent to the vehicle computer. If the voltage is low, the computer will enrich the fuel mixture. If the voltage is high, the computer will lean the fuel mixture. This adjustment cycle is done very rapidly by the computer system to achieve the optimum air and fuel ratio under normal driving conditions.

**When It Doesn't Work**

A faulty O2 sensor can cause a decrease in fuel mileage and an increase in harmful exhaust emissions.

**DIAGNOSTIC TROUBLE CODES**



Power Train System

**P0300**

Random Misfire Detected

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Random Misfire Detected

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**Secondary DTCs**

- P0571 : Brake Switch A Circuit
- P0504 : Brake Switch A / B Correlation
- P0463 : Fuel Level Sensor A Circuit High Input
- P2068 : Fuel Level Sensor "B" Circuit High
- P0731 : Gear 1 Incorrect Ratio
- P0732 : Gear 2 Incorrect Ratio
- P0303 : Cylinder 3 Misfire Detected
- P0306 : Cylinder 6 Misfire Detected
- P0037 : HO2S Heater Control Circuit Low (Bank 1, Sensor 2)
- P0315 : Crankshaft Position System Variation Not Learned



Anti-Lock Brake System

**C1612**

TCM Time - out Failure

**C1702**

Variant Coding Error

**C1611**

Vehicle Signal (VSS) Time - out

**C1102**

EPS Battery Voltage Low

**C2112****HECU Solenoid Relay Voltage Output Fault****C2312****Front-LH Valve Error (Outlet Valve)****C2374****Electronic Shuttle Valve Secondary (HSV2) Error****C1208****Wheel Speed Sensor Rear - LH Invalid/No Signal****C1211****Signal Passenger Buckled Input State Not Valid****C1213****Wheel Speed Sensor Fault**

## **NEXT SCHEDULED MAINTENANCE**

### **At 100,000 mi**

- › Change Engine Oil and Filter
- › Replace Cabin Filter
- › Inspect Vapor Hose & Fuel Filler Cap
- › Inspect Transmission Fluid Level & Condition
- › Inspect Fuel System & Fuel Tank Air Filter
- › Inspect Brake Linings and Hoses
- › Inspect Driveshaft & Related Components
- › Rotate Tires, Inspect Tire Wear, & Adjust Tire Pressure
- › Inspect Vacuum Hoses
- › Inspect Electronic Throttle Control
- › Inspect Exhaust System
- › Inspect Fuel Lines and Connections
- › Inspect Power Steering Hydraulic System
- › Inspect Air Filter
- › Change Automatic Transmission Fluid
- › Inspect Chassis, Steering, Suspension & Fasteners
- › Inspect A/C System

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**C2112**

HECU Solenoid Relay Voltage Output Fault

**C2312**

Front-LH Valve Error (Outlet Valve)

**C2374**

Electronic Shuttle Valve Secondary (HSV2) Error

**C1208**

Wheel Speed Sensor Rear - LH Invalid/No Signal

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Signal Passenger Buckled Input State Not Valid

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Wheel Speed Sensor Fault

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