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Remanufactured Automotive Electronics Components

TECHNICAL BULLETIN

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Make: Hyundai

Model: Grandeur XG 1999

Subject: Lacks power and hesitates at 3000 RPM

TEST: Check for fault codes P1159 indicates a fault in the variable intake control (VIM).
Check the voltage at the ECM at terminals 53 & 63 should have 0-5 volts depending on the valve position sensor.

FAULT: Faulty variable intake control motor.

CAUSE: Faulty variable intake control motor. The approximate operation data point is 3200RPM. At low engine speed, intake air is routed through the longer intake path enabling a momentum build up to improve low down torque & efficiency. After 3200RPM the variable intake manifold should operate and redirect the air through the shorted path to improve top end performance of the engine.

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