



GF11052A

Technical Service Bulletin

Before replacing this valve, make note of the orientation. This valve can be installed rotated 180 degrees (on some vehicles), and it will not function properly.

Before replacing this valve, use a digital multi-meter to ensure the reference voltage is 5 volts at the connector power supply pin. Next, ensure a good ground by performing a voltage drop test on the connector ground pin. The voltage drop should not exceed 0.05. Perform a function test on the solenoid with a scan tool to command the valve open. If the valve functions electrically and mechanically, the problem is probably elsewhere.

WARNING: Vehicles using this EGR Valve have known issues with excessive carbon buildup in the EGR passages through the intake manifold. This may result in a check engine light and trouble codes for low flow, even after the valve has been replaced. Always clean these passages when replacing the valve, especially when the existing valve is clogged.

Ensure the exhaust system does not have any leaks, and the catalytic converter is not clogged. Failure to do so may result in a check engine light and trouble codes concerning too high or too low of flow. This valve requires normal exhaust backpressure to operate. Test the exhaust backpressure if you suspect any problems.

Many of these valves are replaced needlessly or result in comebacks when the above conditions are not resolved. Before returning this valve ensure you don't have additional problems.