

P - EGR FUNCTION TESTING

Article Text

1991 Volkswagen Passat

For Volkswagen Technical Site

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ARTICLE BEGINNING

1989-95 ENGINE PERFORMANCE

Volkswagen EGR Function Testing

All Models

EGR VALVE (EXCEPT DIESEL)

1) Run engine at idle speed. Using a hand-held vacuum pump, apply 12 in. Hg to EGR valve. Engine should run rough or stall. If not, check EGR valve pintle for movement. If EGR pintle is moving, EGR port is plugged. If EGR valve does not function, replace EGR valve.

2) To check EGR port vacuum supply, connect vacuum gauge to EGR vacuum line using a "T" fitting. Start engine and increase engine speed to about 3000 RPM. Vacuum gauge should indicate vacuum. If vacuum is not present, vacuum source is plugged. Repair as necessary and repeat test.

END OF ARTICLE