

2006-2011 Volkswagen Passat | Advanced | 2-3 hours | \$195 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack
Stands Torque Wrench Ratchet Wrench
5mm Hex Key Wrench 6mm Hex Key Wrench
WD-40 Spray Fender Cover Combination
Spanner

PARTS

EGR Valve 03G131501D \$150.00
Gasket Set \$20.00
Coolant G013A8J1G1 \$15.00
Intake Manifold Gasket \$10.00

STEPS

- 1 Cool the engine and locate the EGR valve - Work on a cool engine. Disconnect the negative** battery cable if working near hot electrical connectors. On the Honda HR-V, the EGR valve is typically on the intake manifold or cylinder head with a coolant or exhaust passage and an electric...
- 2 Disconnect the connector and hoses - Unplug the EGR electrical connector and disconnect** any vacuum or coolant hoses. Cap coolant hoses to limit spill. Photograph tube routing if a metal EGR pipe is attached.
- 3 Unbolt and remove the old EGR valve - Remove mounting bolts and separate the valve from** the manifold. Carbon often holds it - gently pry without damaging the flange. Remove the old gasket and note orientation of any orifices or screens.
- 4 Clean passages and compare the new valve - Clean carbon from the manifold/EGR passages** with an appropriate solvent and brush - do not push chunks into the intake. Match the new EGR valve ports and connector to the old unit. Always install a new gasket.
- 5 Install the new valve and reconnect - Position the new gasket and valve, start bolts by** hand, then tighten evenly to spec. Reconnect hoses and the electrical connector. Reconnect the battery.
- 6 Clear codes and verify operation - Clear EGR-related codes. Start the Honda HR-V and** check for exhaust/coolant leaks at the valve. Road-test and confirm EGR commanded operation with a scan tool if available; watch for rough idle or new lean/rich codes.