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BMW 3-Series 320i & 320xi (12-14), 325i, 325xi, 330i & 330xi (06) & 328i & 328xi (07-14) Haynes Online Manual

14 Evaporative Emissions Control (EVAP) system - component replacement

Crankcase emission control

1 The components of this system require no attention other than to regularly check that the hose(s) are clear and undamaged.

Evaporative emission control

Testing

2 If the system is thought to be faulty, disconnect the hoses from the EVAP canister and purge control valve and check that they are clear by blowing through them. Full testing of the system can only be carried out using a sophisticated scan tool connected to the OBD test port (see illustration 3.1) . If the purge control valve or EVAP canister is thought to be faulty, they must be replaced.

EVAP canister replacement

3 The canister is located under the vehicle, just behind the right rear wheel. Raise the rear of the vehicle and support it securely on jackstands. Remove the inner wheelwell liner fasteners and pull the liner back.

4 Note the installed locations of the pipes. Squeeze together the sides of the collars and disconnect the lines from the canister (see illustration) .

14.4 Squeeze the sides of the collar and pull the hoses from the EVAP canister



5 Remove the canister mounting bolts and the canister (see illustration) .

14.5 EVAP canister mounting bolts

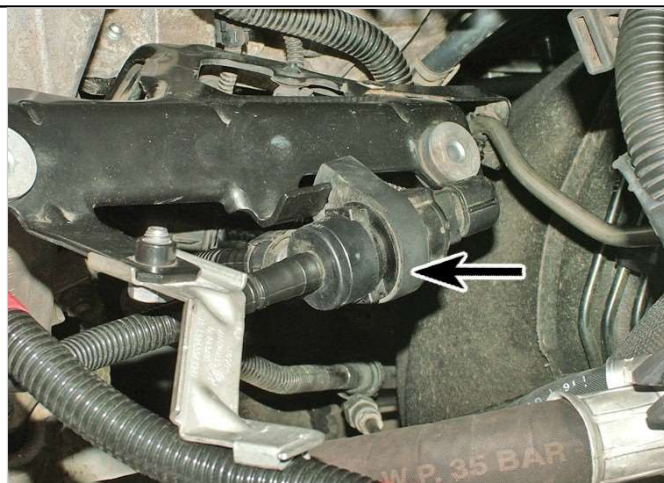


6 Installation is the reverse of removal, ensuring the hoses are correctly and securely reconnected.

Purge valve replacement

7 The valve is located on a bracket on the underside of the intake manifold (see illustration) .

14.7 The purge valve is located beneath the intake manifold (typical)



8 On 3.0L models, loosen the clamp, disconnect the air intake hose from the throttle body, remove the throttle body mounting bolts and move the throttle body to one side (see [Chapter 4](#) if necessary).

9 Ensure the ignition is switched off, and disconnect the electrical connector from the valve.

10 Disconnect the quick-release connector from the valve and release the hose.

11 Release the clip and slide the valve from the bracket.

12 Installation is the reverse of removal. Ensure the valve and hose are securely held by the retaining clips.

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