



Haynes
shows you how

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

9 Throttle body - removal and installation

Removal

1 Disconnect the negative battery cable (see [Chapter 5](#))

2.0L engine

2 Remove the engine cover by lifting the front of the cover up and pulling it forwards.

3 Remove the strut tower crossbrace plastic push-pins and bolts, then remove the brace.

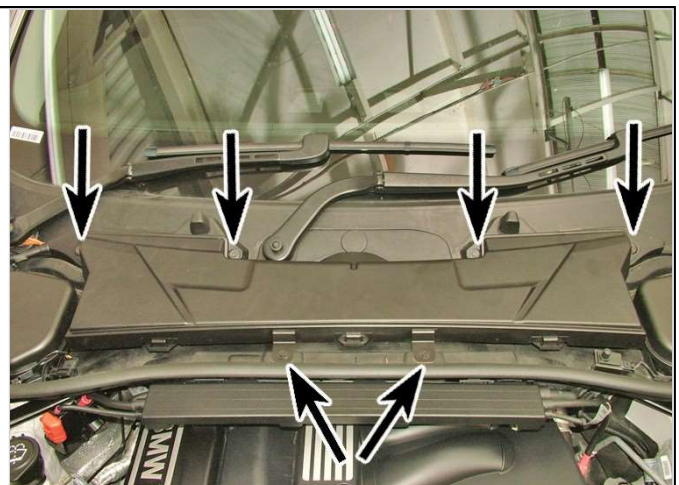
4 Remove the sound insulator plastic retainers and lift the insulator off the engine.

5 Remove the charge air duct to the throttle body.

3.0L engine

6 Remove the cabin air filter housing mounting bolts, and the housing (see illustration) .

9.6 Remove the bolts and remove the cabin air filter cover



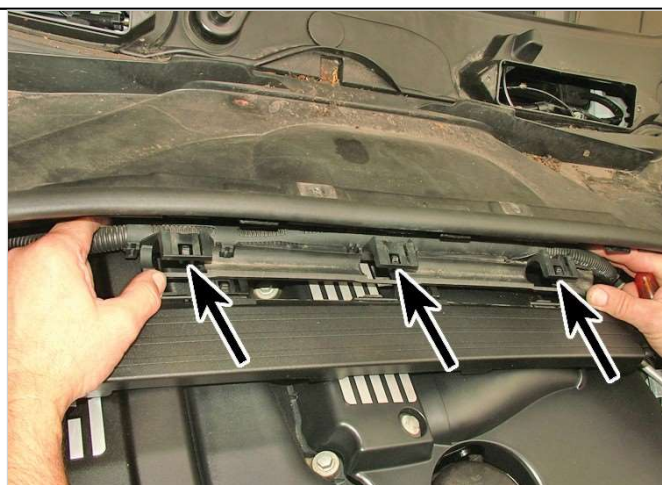
7 Release the clips and remove the plastic cover behind the left suspension strut tower in the engine compartment (see illustration) . Repeat this procedure for the plastic cover behind the right hand strut tower.

9.7 Release the clips and remove the plastic cover on each side behind the strut towers



8 Release the mounting clips and detach the cable guide from the front of the cabin air filter lower housing (see illustration) .

9.8 Depress the clips and slide the cable guide(s) forward



9 Remove the mounting bolt and release the clip on each side. Pull the lower section of the cabin air filter housing forwards and maneuver it out (see illustrations) .

9.9a Rotate the temperature sensor counterclockwise and pull it from the bracket on the lower cabin air filter cover



9.9b Release the catch and remove the bolt on each side . . .



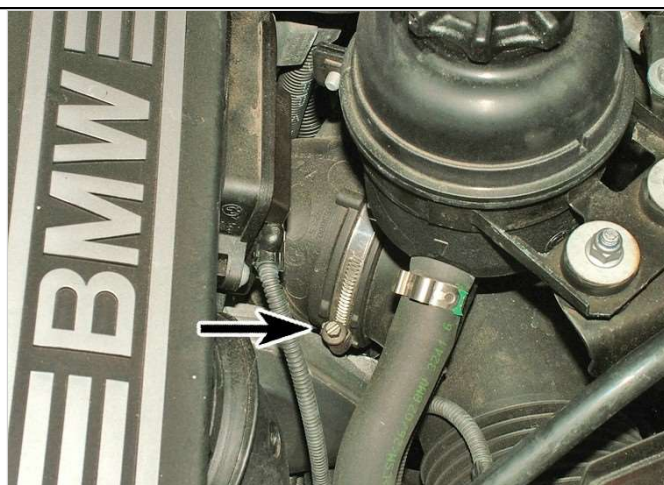
9.9c . . . then pull the lower cabin air filter cover forwards



10 Remove the air filter housing (see [Chapter 1](#)).

11 Release the clamp and disconnect the air intake duct from the throttle body. (see illustration) .

9.11 Intake duct clamp location



All models

12 Unlock and disconnect the throttle body electrical connector and vent hose, if equipped. Remove the mounting bolts and the throttle body.

Installation

13 Examine the throttle body-to- intake manifold O-ring seal. If it is in good condition, it can be re-used. Install the throttle body to the manifold, and tighten the mounting bolts securely.

14 The remainder of installation is the reverse of removal. Check for any diagnostic trouble codes and delete any stored fault codes (see [Chapter 6](#)).

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