



Haynes
shows you how

BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.

5 Throttle cable - removal, installation and adjustment

Note:

On 2001 and later models, no throttle cable is used (the throttle is electronically motor-driven).

Removal

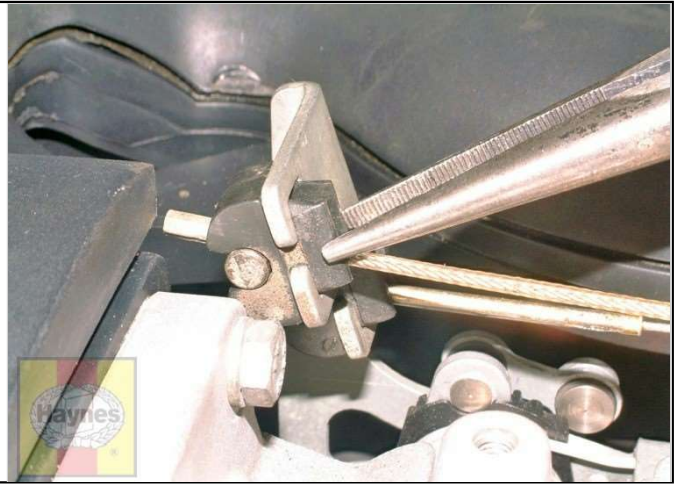
1 Unscrew the two screws, and remove the plastic cover from the top of the throttle body. (see illustration).

5.1 Remove the screws and detach the cover



2 Use a pair a pliers to squeeze together the sides of the end fitting grommet, slide the grommet from the throttle lever and feed the cable through the slot in the lever (see illustration).

5.2 Squeeze together the sides of the grommet and push it out from the throttle lever



3 Pull the outer cable, then the rubber grommet, from the supporting bracket (see illustration).

5.3 Pull the outer cable, then the grommet, from the supporting bracket



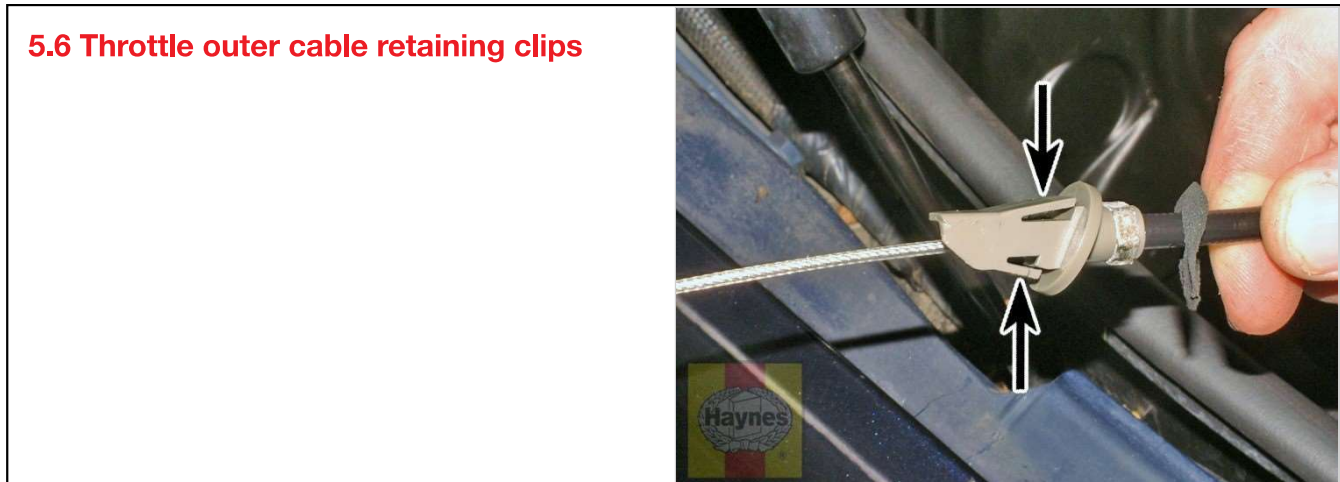
4 Working inside the vehicle, release the retaining clips/screws, and withdraw the driver's side lower dash panel (see [Chapter 11](#)).

5 Disengage the inner throttle cable from the top of the throttle operating lever (see illustration).

5.5 Disengage the throttle cable end from the lever



6 Working under the dash, squeeze together the two retaining clips, and push the cable outer end fitting from the firewall (see illustration).



7 Note the correct routing, then free the cable from any retaining clips/grommets and maneuver it from the engine compartment.

Installation

8 Installation is a reversal of removal, ensuring that the cable is routed as before. Carry out the adjustment procedure as follows.

Adjustment

Note:

Vehicles equipped with automatic transmissions must have the throttle cable adjusted by a BMW dealer or suitably equipped specialist.

9 In order to accurately adjust the throttle cable, a specialized BMW diagnostic scan tool is required to establish the throttle potentiometer position expressed as a percentage. However, the basic position for manual transmission models can be established as follows, providing that a BMW dealer or suitably equipped specialist checks the setting afterwards.

10 Check that the accelerator pedal and throttle are in the idle position.

11 Rotate the knurled cable adjustment sleeve on the outer cable to eliminate freeplay in the cable.

12 Screw the sleeve a quarter of a turn to allow a little freeplay in the cable.

13 Have an assistant fully depress and hold the accelerator pedal, check that there is still 0.020-inch (0.5 mm) of freeplay at the throttle valve in the throttle body.

14 If necessary, turn the pedal full- throttle stop (screwed into the floor) to give the correct amount of freeplay. On some models, it will be necessary to loosen a locknut before the stop can be adjusted.

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