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shows you how

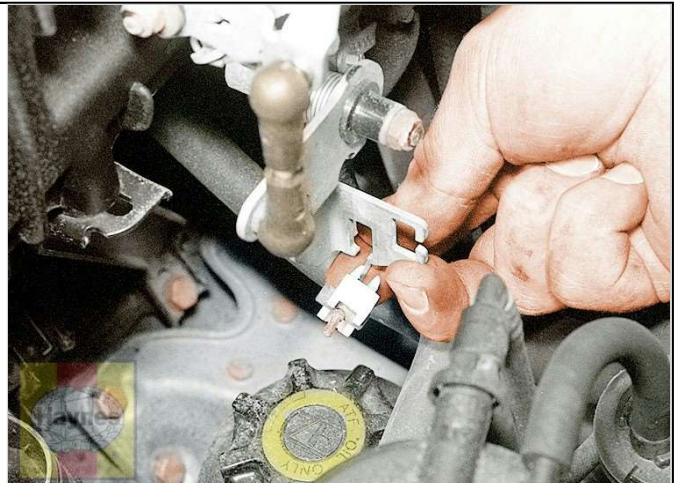
BMW 3-Series (92-98) & Z3 (96-98) Haynes Online Manual

4 Throttle cable - removal, installation and adjustment

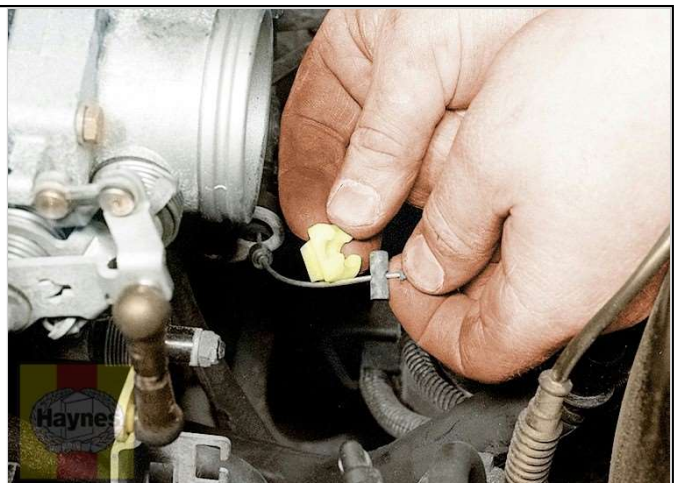
Removal

1 Working in the engine compartment, depress the retaining tangs, and release the cable end fitting from the bracket on the end of the throttle lever. Pry the end fitting from the end of the cable (see illustrations) .

4.1a Release the cable end fitting from the bracket . . .



4.1b . . . then pry the end fitting from the cable



2 Pry the cable grommet from the bracket on the throttle body, and withdraw the cable through the bracket to free it from the throttle body.

3 Working inside the vehicle, remove the two securing screws, and withdraw the driver's side lower dash panel for access to the pedals.

4 Pull the end of the throttle cable from the grommet in the end of the throttle cable operating lever (see illustration) .

4.4 Pull the end of the throttle cable from the grommet (arrow)



5 Working on the interior side of the engine compartment firewall, depress the retaining clip and push the cable guide from the firewall into the engine compartment.

6 Make a careful note of the routing of the cable, then release it from any clips and brackets, and withdraw the cable assembly from the engine compartment.

Installation

7 Installation is a reversal of removal, bearing in mind the following points.

- A. Ensure that the cable is correctly routed as noted before removal.
- B. Check the condition of the grommet in the end of the throttle cable operating lever, and replace if necessary.
- C. On completion check the cable adjustment as described in the following Steps.

Adjustment

Models with manual transmission

8 Check that the accelerator pedal is in the rest position, against the pedal idle stop.

9 Check that the throttle lever on the throttle body is in the rest (idle) position.

10 Turn the cable adjuster screw at the throttle body bracket to eliminate free-play in the cable (see illustration)

4.10 Throttle cable adjuster screw (arrow)



11 Have an assistant fully depress the throttle pedal, and check that, with the pedal fully depressed, there is still 0.020-inch of free-play at the throttle valve in the throttle body.

12 If necessary, turn the pedal full- throttle stop (screwed into the floor) to give the specified free-play (see Step 11) at the throttle valve. On some models, it will be necessary to loosen a locknut before the full-throttle stop can be adjusted. Note that turning the full-throttle stop by 1.5 turns will adjust the throttle valve free-play by 0.020-inch.

13 Where applicable, tighten the full- throttle stop locknut on completion.

Models with automatic transmission

14 At the time of writing, no information was available regarding throttle cable adjustment for models with automatic transmission. Consult a BMW dealer for advice.

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