



Haynes
shows you how

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

8 Hood - removal, installation and adjustment

Removal

1 Open the hood and have an assistant support it. Using a pencil or felt tip pen, mark the outline of each hood hinge relative to the hood, to use as a guide on installation.

2 Disconnect the hose from the washer jets. On models with heated jets also disconnect the wiring connectors. Tie a length of string to the end of the wiring loom and washer hose, then pull the harness/hose from the hood channel. Free the harness/hose from any retaining clips. As the harness/hose is pulled from the hood channel, untie the string and leave it in place to aid installation.

3 With the aid of an assistant, support the hood in the open position then remove the retaining clips and detach the support struts from the hood (see illustration) .

8.3 Pry out the hood strut clip



4 Loosen and remove the left and right-hand hinge-to-hood rear bolts and loosen the front bolts. Slide the hood forwards to disengage it from the hinges and remove it from the vehicle. Recover any shims which are fitted between the hinge and hood.

5 Inspect the hood hinges for signs of wear and free play at the pivots, and if necessary replace. Each hinge is secured to the body by two bolts. Mark the position of the hinge on the body then remove the retaining bolts and remove it from the vehicle. On installation, align the new hinge with the marks and securely tighten the retaining bolts.

Installation and adjustment

6 Fit the shims to the hinge and with the aid of an assistant, engage the hood with the hinges. Install the rear bolts and tighten them by hand only. Align the hinges with the marks made on removal, then tighten the retaining bolts securely. Note the ground strap attached to the base of the left-side hinge (see illustration) .

8.6 Hood hinge ground strap



7 Close the hood and check for alignment with the adjacent panels. If necessary, loosen the hinge bolts and re-align the hood to suit. Once the hood is correctly aligned, securely tighten the hinge bolts. Once the hood is correctly aligned, check that the hood fastens and releases satisfactorily. Tie the wiring harness/hose to the end of the string and pull them through the hood channel to their original positions. Reconnect the hose and wiring.

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