

**Haynes**
shows you how

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

12 Suspension height sensor - removal and installation

1 Vehicles equipped with Xenon headlights are also equipped with automatic headlight adjustment. Ride sensors at the front and rear suspension provide information on the suspension ride height, while the headlight range control motors alter the headlight beam angle as necessary. The sensors are installed between the suspension subframes, and lower arms. To access the sensors, raise the relevant end of the vehicle, and support securely on jackstands. Where applicable remove the engine splash shield.

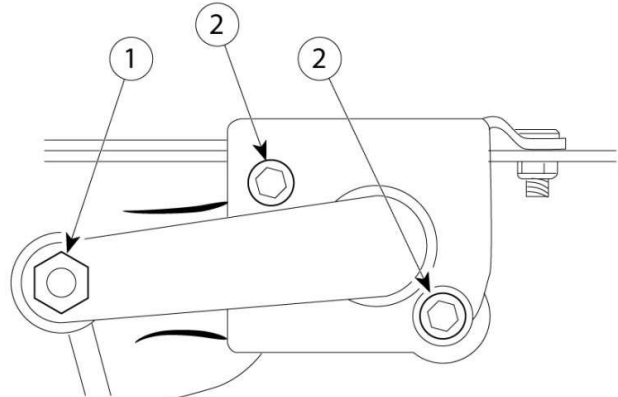
2 Remove the nut securing the control rod to the sensor arm, and disconnect the rod.

3 Remove the two mounting nuts and remove the sensor. Disconnect the wiring connector as the sensor is withdrawn (see illustration) .

12.3 Suspension height sensor

1 Control rod nut

2 Height sensor nuts



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4 Installation is the reverse of the removal procedure, ensuring all the wiring connectors are securely reconnected.

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