

**Haynes**  
*shows you how*

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

## 5 Rear brake pads - replacement

04:23

**Caution:**

This video is for familiarization purposes only. Read below for specific information on your vehicle.

**Warning:**

Disc brake pads must be replaced on both rear wheels at the same time - never replace the pads on only one wheel. Also, the dust created by the brake system is harmful to your health. Never blow it out with compressed air and don't inhale any of it. An approved filtering mask should be worn when working on the brakes. Do not, under any circumstances, use petroleum-based solvents to clean brake parts. Use brake system cleaner only!

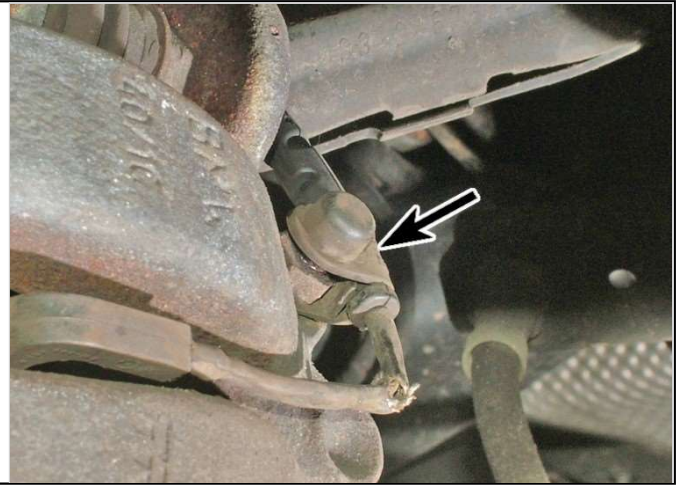
**Note:**

This procedure applies to models with rear floating calipers only. On models with rear fixed (Brembo) calipers, refer to [Section 4](#) for the pad replacement procedure.

**1** Apply the parking brake, then loosen the rear wheel bolts. Raise the rear of the vehicle and support it securely on jackstands. Remove both rear wheels.

**2** See Steps 2 through 9 in [Section 4](#) for brake pad replacement, but follow **illustrations 5.2a through 5.2q** for the rear brake pad replacement procedure. Be sure to stay in order and read the caption under each illustration.

**5.2a Release the wear sensor wiring from the rubber strap attached to the bleed nipple**



**5.2b Pull the wear sensor from the inner pad. BMW states that the sensor must be replaced**



**5.2c Remove the caliper lower guide pin bolt. Counter-hold the sleeve with a second wrench**



**5.2d Pivot the caliper upwards to access the pads**



**5.2e Pull out the inner pad . . .**



**5.2f . . . followed by the outer pad**





**5.2g Remove the upper and lower shims . .**

.

**5.2h . . . and clean the mounting surfaces with a wire brush****5.2i Install the upper and lower shims**

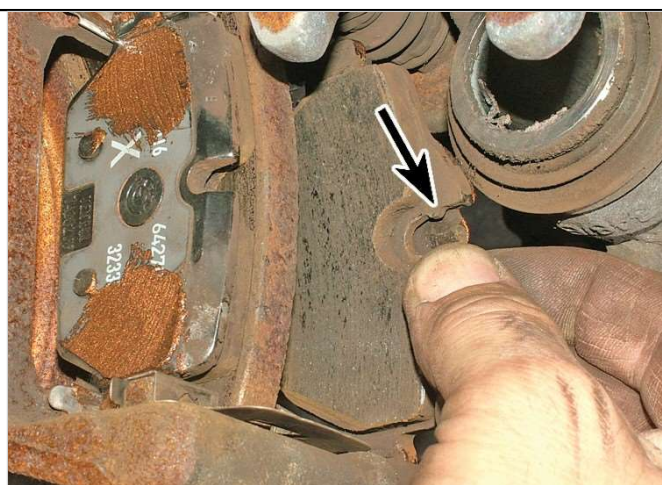
**5.2j If new pads are to be installed, push the piston back into the caliper body using a piston retraction tool**



**5.2k Install the outer pad to the mounting bracket. Ensure the friction material is against the disc**



**5.2l Install the inner pad to the mounting bracket. Note that the backing plate has a fitting notch for the wear indicator**





**5.2m Swing the caliper back down over the pads**



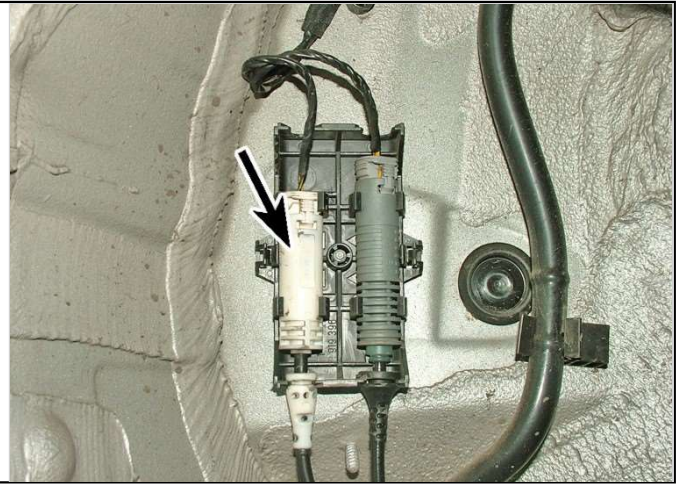
**5.2n Apply a little thread-locking compound . . .**



**5.2o . . . then insert the lower guide pin bolt and tighten it to the specified torque**



**5.2p Open the connector box and swap the old sensor plug for the new one**



**5.2q Press the wear sensor into the inner pad backing plate, and secure the wiring with the rubber strap**



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