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shows you how

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

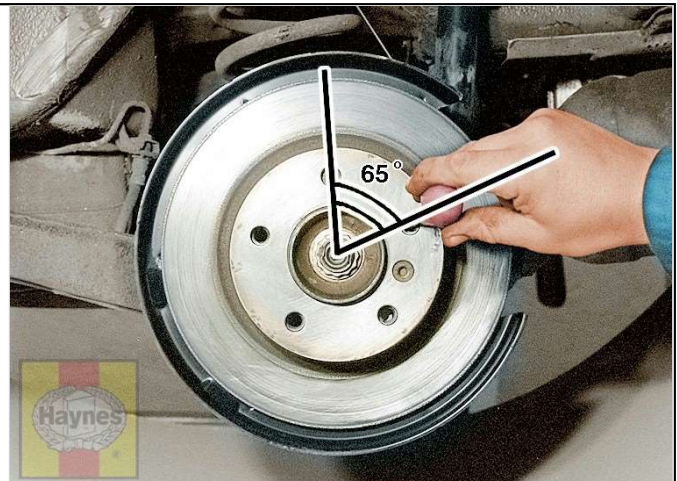
## 14 Parking brake - adjustment

1 Applying normal moderate pressure, pull the parking brake lever to the fully applied position, counting the number of clicks emitted from the parking brake ratchet mechanism. If adjustment is correct, there should be approximately 7 or 8 clicks before the parking brake is fully applied. If there are more than 10 clicks, adjust as follows.

2 Loosen and remove one wheel bolt from each rear wheel then chock the front wheels, jack up the rear of the vehicle and support it on axle stands.

3 Starting on the left-hand rear wheel, fully release the parking brake and position the wheel/disc so the exposed bolt hole is positioned 65-degrees clockwise from the vertical position. Make sure the parking brake lever is fully released, then insert a screwdriver in through the bolt hole and fully expand the parking brake shoes by rotating the adjuster. When the wheel/disc can no longer be turned, back the ring off by 18 teeth (clicks) so that the wheel is free to rotate easily (see illustrations) .

**14.3a Position one of the wheel bolt holes as shown, then insert a screwdriver through the hole . . .**



**14.3b . . . and rotate the parking brake shoe adjuster (shown with disc removed)**



4 Repeat Step 9 on the right-hand wheel.

5 Adjust the parking brake cables as follows.

6 Access to the parking brake cable adjusting nuts can be gained by removing the parking brake lever boot from the center console (see illustration) . If greater access is required, the rear section of the center console will have to be removed (see [Chapter 11](#) ).

**14.6 Unclip the parking brake boot from the center console to gain access to the parking brake cable adjustment nuts (arrows)**



7 With the parking brake set on the sixth notch of the ratchet mechanism, loosen the locknuts and rotate the adjusting nuts equally until it is difficult to turn both rear wheels/drums. Once this is so, fully release the parking brake lever, and check that the wheels/hubs rotate freely. Slowly apply the parking brake, and check that the brake shoes start to contact the drums when the parking brake is set to the second notch of the ratchet mechanism. Check the adjustment by applying the parking brake fully, counting the clicks emitted from the parking brake ratchet and, if necessary, re-adjust.

8 Once adjustment is correct, hold the adjusting nuts and securely tighten the locknuts. Check the operation of the parking brake warning light switch, then install the center console section/parking brake lever boot (as applicable). Install the wheels, then lower the vehicle to the ground and tighten the wheel bolts to the specified torque.

