



Haynes
shows you how

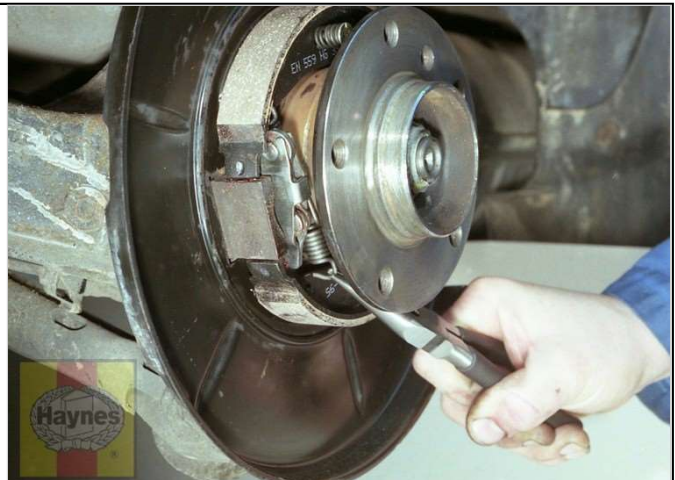
BMW 3-Series (92-98) & Z3 (96-98) Haynes Online Manual

17 Parking brake shoes - removal and installation

Removal

- 1 Remove the rear brake disc (see [Section 9](#)), and make a note of the correct fitted position of all components.
- 2 Using a pair of pliers, carefully unhook and remove the parking brake shoe return springs (see illustrations) .

17.2a Using pliers, unhook and remove the parking brake shoe front . . .



17.2b . . . and rear return springs



- 3 Release the shoe retaining pins by depressing them and rotating them through 90-degrees, then remove the

pins and springs (see illustrations) .

17.3a Using a suitable Allen key, rotate the retainer pins through 90° . . .



17.3b . . . then remove the pins and springs . . .



4 Remove both parking brake shoes, and recover the shoe adjuster mechanism, noting which way it is installed (see illustration) .

17.4 . . . and parking brake shoes from the back plate



5 Inspect the parking brake shoes for signs of wear or contamination, and replace if necessary. It is recommended that the return springs are replaced as a matter of course. The manufacturer does not state any

wear limit for the shoe friction material thickness, but anything less than 1/16-inch is not ideal.

6 While the shoes are removed, clean and inspect the condition of the shoe adjuster and expander mechanisms, replace them if they show signs of wear or damage. If all is well, apply a fresh coat of brake grease (the manufacturer recommends Molykote Paste G) to the threads of the adjuster and sliding surfaces of the expander mechanism (see illustration) . Do not allow the grease to contact the shoe friction material.

17.6 Clean the adjuster assembly and lubricate its moving parts with fresh brake grease



Installation

7 Prior to installation, clean the back plate, and apply a thin smear of high-temperature brake grease or anti-seize compound to all those surfaces of the back plate which bear on the shoes. Do not allow the lubricant to foul the friction material.

8 Offer up the parking brake shoes, and secure them in position with the retaining pins and springs.

9 Make sure the lower ends of the shoes are correctly engaged with the expander, then slide the adjuster mechanism into position between the upper ends of the shoes (see illustration) .

17.9 Install the adjuster assembly, making sure it is correctly engaged with both parking brake shoes



10 Check all components are correctly fitted, and install the upper and lower return springs using a pair of pliers.

11 Centralize the parking brake shoes, and install the brake disc (see [Section 9](#)).

12 Prior to installation the wheel, adjust the parking brake as (see [Section 14](#)).

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