

Kontrol af tykkelsesvariation på en bremseskive | HELLA

Generelt forbindelse med fejlfinding på bremsesystemet kan det være påkrævet at foretage kontroller som kontrol af bremseskivernes tykkelsesvariation. Tykkelsesvariationen kan kun kontrolleres med et passende måleværktøj. Det kan gøres med tilstrækkelig nøjagtighed med en mikrometerskrue, der har en målenøjagtighed på $\pm 0,001$ mm. Den maksimalt tilladte tykkelsesforskel er 0,015 mm. Denne kontrol gælder kun for normalt slidte bremseskiver eller skiver, der er så gode som nye. Kontrol Følgende fremgangsmåde anbefales. Forberedelse af bremseskiven til kontrol Om nødvendigt afmonteres bremsecaliper og caliperholder Rens friktionsfladerne på bremseskiven Mål en række steder langs skivens omkreds, ca. 10 – 15 mm inden for friktionsfladens yderste kant Noter og sammenlign måleværdierne Forskellen mellem den største og den mindste måleværdi er tykkelsesvariationen. Reparationsanvisning Alt efter bilmodel kan en tykkelsesvariation på blot 0,015 mm medføre bremseruflen. I den forbindelse skal bilfabrikantens vedligeholdelses- og reparationsanvisninger følges.

When carrying out troubleshooting on the brake system, test procedures may be required, such as checking the thickness difference (varying disc thickness) of the brake disc. The thickness difference can only be tested using a suitable measuring tool.

A micrometer screw provides sufficient measuring accuracy of ± 0.001 mm.

The maximum permissible thickness difference is 0.015mm.

This test should only be carried out on brake discs that have been normally worn or are like new.



Tests

The following procedure is recommended.

1. Prepare the brake disc for testing. If necessary, disassemble the brake caliper and brake caliper carrier for this
2. Clean the friction surfaces of the brake disc
3. Determine the thickness of the brake disc at various measuring points around the brake disc, approx. 10 – 15 mm beneath the external friction radius
4. Note the measured values and compare

The difference between the smallest and greatest measured value is the thickness difference.



Repair note

Depending on the vehicle type, a thickness difference of as little as 0.015 mm can lead to brake judder.

Please observe the specifications in the maintenance and repair notes provided by the respective vehicle manufacturer.

Important safety note

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