Brake Disc – Run-out – Check (Both sides) (12 221 0)

Special Tools

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<tr>
<th>15-046</th>
<th>Dial Indicator Gauge</th>
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<td>15-022</td>
<td>Dial Gauge Holding Fixture</td>
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Check

1. Slacken the wheel nuts, raise the vehicle and remove the front and/or rear road wheels.

2. Refit the wheel nuts

3. Measure the front brake disc run-out.
   - Clean the disc face before measuring.
   - Measure the run-out at the mid-point of the brake pad contact area.

4. Total disc run-out should not exceed 0,10 mm, if this figure is exceeded, the cause must be eliminated.

5. Check the front brake disc thickness variation.
   - Using a suitable micrometer measure the disc thickness at eight positions 45° apart and 15 mm in from the outer edge of the disc.
   - If any of these readings vary by 0,01 mm or more, or if the disc thickness is less than the permitted minimum the disc should be changed.
6. **Measure the rear brake disc run-out.**
   - Clean the disc face before measuring.
   - Measure the run-out at the mid-point of the brake pad contact area.

7. **Total disc run-out should not exceed 0,10 mm, if this figure is exceeded, the cause must be eliminated.**

8. **Check the rear brake disc thickness variation.**
   - Using a suitable micrometer measure the disc thickness at eight positions 45° apart and 15 mm in from the outer edge of the disc.
   - If any of these readings vary by 0,01 mm or more, or if the disc thickness is less than the permitted minimum the disc should be changed.

9. **Remove the wheel nuts, refit the road wheels and lower the vehicle.**