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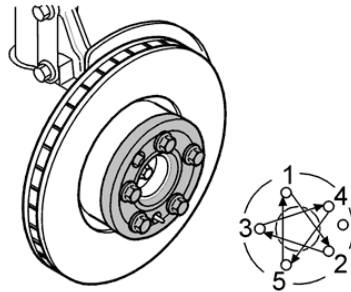
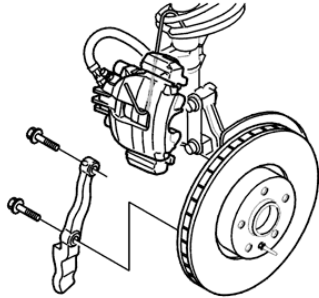
Special tools: [115 8147](#) , [999 5418](#) , [999 5419](#) , [999 5507](#)

Preparations

Remove:

- the wheel
- the mounting screws for the brake calliper holder.

Hang the brake calliper from the spring using a wire.



Install the clamp ring

Install clamp ring [999 5419](#) (included in measurement tool set [999 5418](#)), on the hub. Secure the clamp ring using the wheel nuts.

Ensure that mating surfaces on the brake disc and clamp ring are clean.

Tighten the studs lightly. Then tighten crosswise. Tighten to **110 Nm**. Torque socket [115-8147](#) must be used when tightening using an impact spanner.

Install the bracket included in the test equipment

Install the bracket for the **upper** mounting hole first.
Press the bracket against the constant velocity joint housing.

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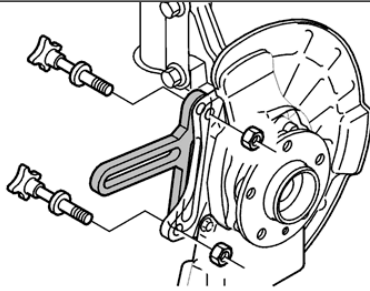
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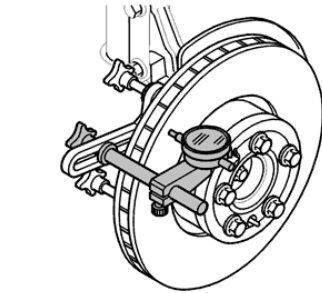
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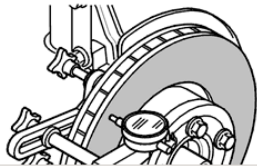
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Install the bracket for the **upper** mounting hole first. Press the bracket against the constant velocity joint housing. Then install the lower mounting screw in the hole. At the same time, **secure** the bracket using the lower screw. Tighten the nuts. Use the M12 screws and nuts included in kit [999 5507](#).

**Install the dial gauge**

Install the dial gauge in the bracket as illustrated.

**Measure the lateral run out**

Put the test gauge point against the brake disc as illustrated.

Rotate the brake disc. Use a socket to help.

Note the test gauge run-out. Brake disc lateral run-out must not exceed 0.040 mm.

If lateral run-out exceeds the value, replace the brake disc.

To replace the brake disc, see [Replacing front brake discs](#)