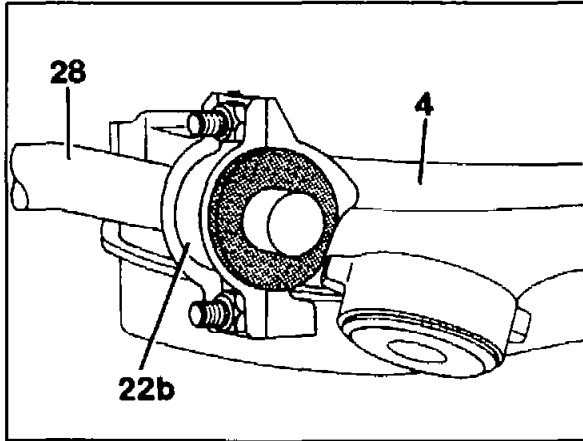


## 40-0322 Checking and adjusting camber and caster at front axle

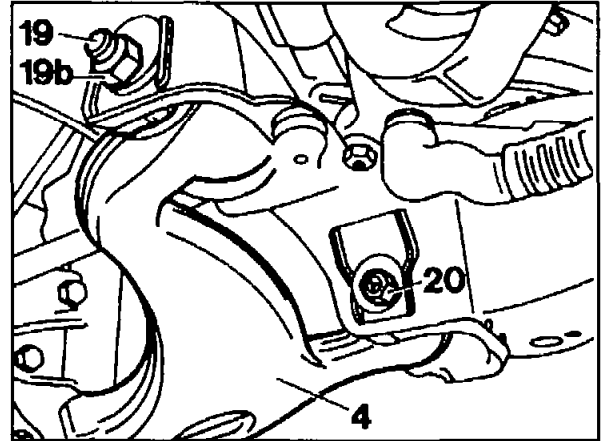
Preceding work:

General information on chassis alignment (40-0200).

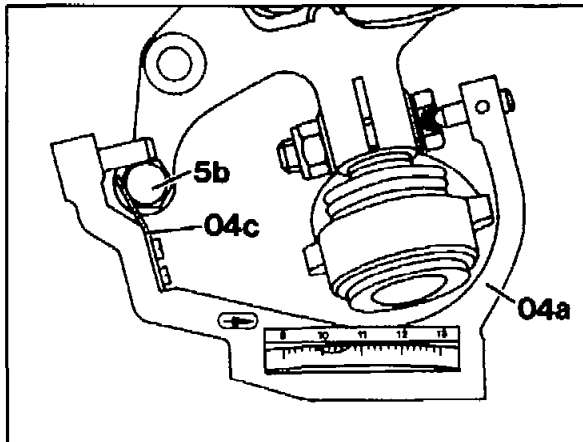
Checking and adjusting vehicle level at front and rear axles (40-0300).



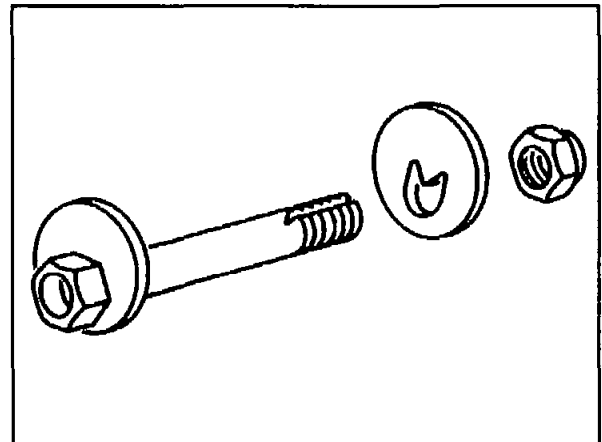
P40-5219-13A



P33-5118-13



P40-5382-13



P40-0108-13

Camber and caster .....  
 Brackets (22b) .....

Measuring device (04a) 201 589 02 21 00  
 for caster .....

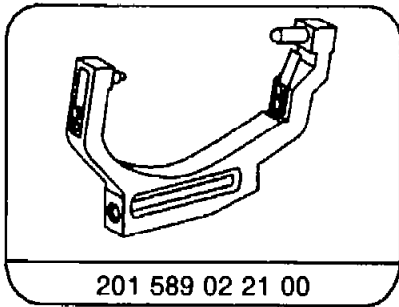
Camber (front eccentric bolt, 20) and caster  
 (rear eccentric bolt, 19) .....

Check in the ready-to-drive condition.  
 Loosen completely on the wishbones (4),  
 tighten.  
 Tightening torque 20 Nm.

Insert in the locating points on the steering  
 knuckle.

Adjust on wishbone mount by turning the  
 eccentric bolt. Tightening torque of nut on  
 eccentric bolt, 120 Nm.

## Special tool



### Note

- If it is not possible to adjust the camber to the specified value, perform the following work:  
Check vehicle level, correct if necessary (40-0300). A change in the vehicle level by 10 mm results in a change in the camber of approx.  $0^{\circ}15'$ .  
Check wishbone and steering knuckle for any damage.  
Check supporting joints and control joints for wear.
- When adjusting the camber and caster ensure that the wheel spreader for adjustment of the toe-in is **not** inserted.
- The front wheels should always be in the straight-ahead position (zero toe-in) for measuring and adjusting the camber and caster.