

# Check level of vehicles with air suspension (position of wishbone arms on front axle and rear wheel camber)

# 622

Models 100 109

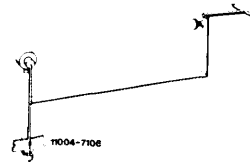
## Vehicle level<sup>1)</sup>

Model	Position of front axle wishbone arms		Rear wheel camber	
	Normal level	Higher level	Normal level	Higher level
109.016 109.056 109.057	57 ± 10 mm	107 ± 10 mm	-0° 45' ± 1°	+3° ± 1°
109.018	42 ± 10 mm	92 ± 10 mm		
100	100 ± 10 mm	60 ± 10 mm	-1° 30' ± 1°	+2° ± 1°

<sup>1)</sup> Checking values: When adjusting position of wishbones ± 2 mm, rear axle ± 0° 15'.

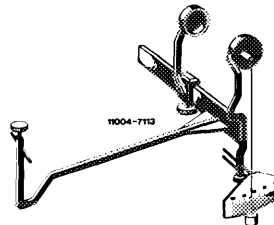
## Special tools

Test instrument for position of wishbone arms on model 100



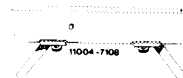
100 589 01 21 00

Test instrument for position of wishbone arms on model 109



111 589 03 21 00

Mechanical instrument for measuring camber



180 589 02 21 00

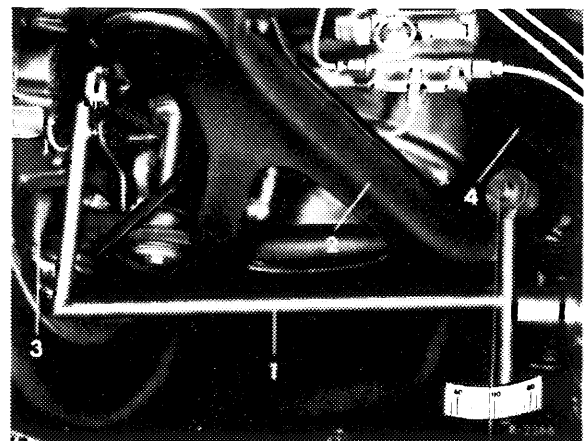
## Note

Carry out check on inspection pit with even, horizontal floor.

If the disc wheels are made of steel plate, place the camber measuring instrument on the inside of the wheel flange, and on the outside if the disc wheels are made of light alloy.

- Let the vehicle roll and check the position of the wishbone arms and rear wheel camber.

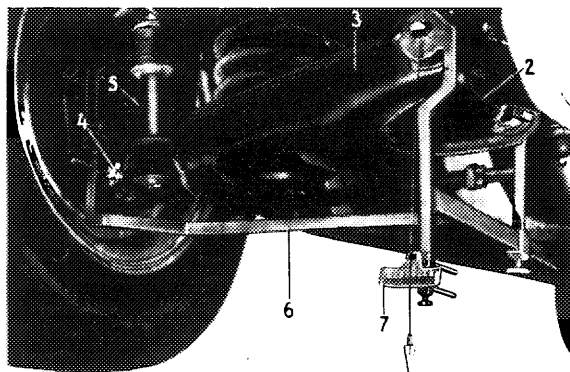
**Note:** Carry out adjustment only on inspection pit or stand. After adjustment check correct beaming of headlights.



Check position of wishbone arms on model 100

- |                               |                      |
|-------------------------------|----------------------|
| 1 Device no. 100 589 01 21 00 | 3 Steering knuckle   |
| 2 Lower wishbone              | 4 Front axle carrier |

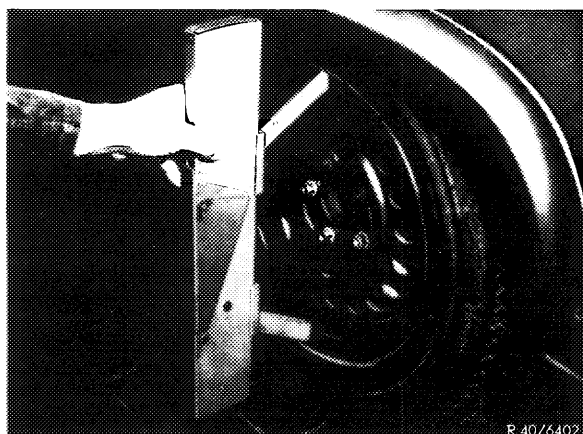




R-1027

Check position of wishbone arms on model 109

- 2 Bearing pin for lower wishbone
- 3 Lower wishbone
- 4 Thread bolt on steering knuckle mounting
- 5 Steering knuckle
- 6 Test instrument 111 589 03 21



R 40/6402

Check rear wheel camber