

32 00 054 Optically measuring rear axle

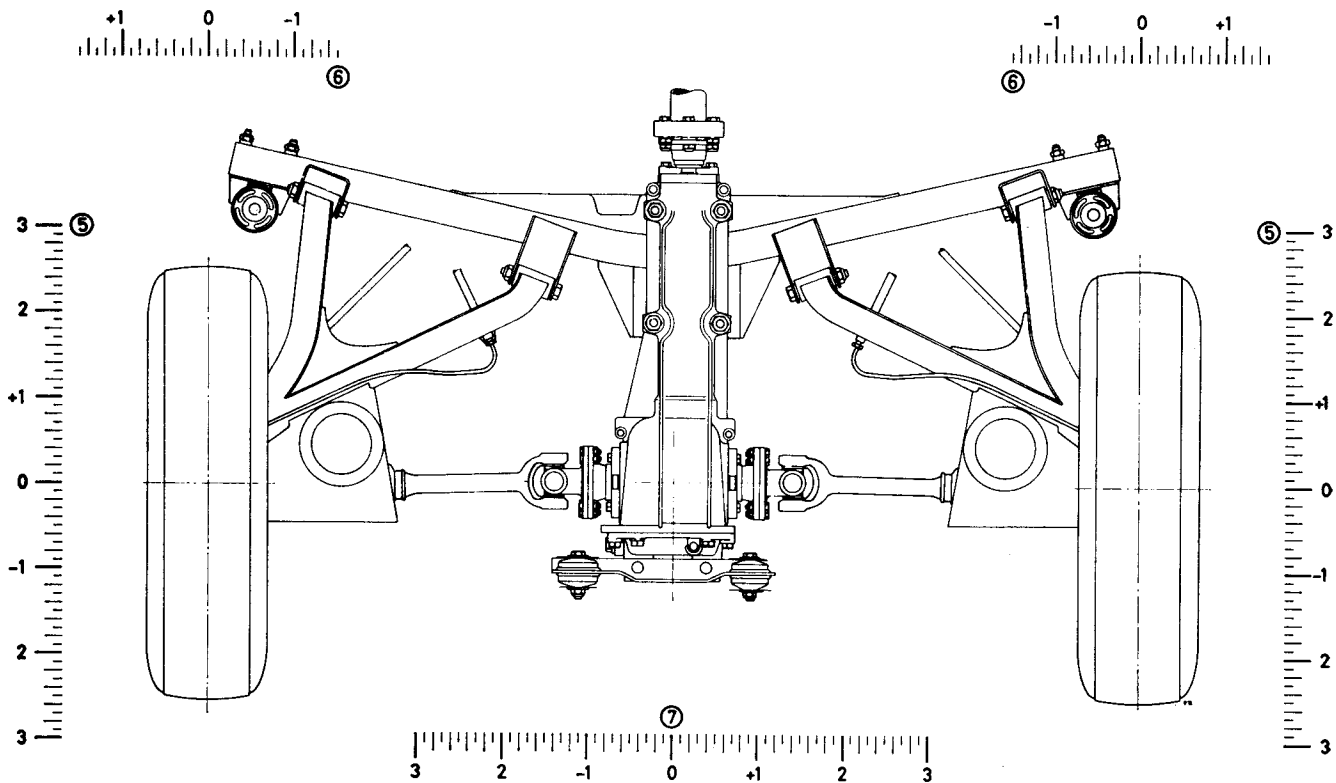
The following requirements must be fulfilled before the wheel measurement.

1. Good uniform tyre profile.
2. Specified tyre pressure.
3. Rims in perfect order.
4. Specified wheel bearing play.
5. Set vehicle in normal load position¹⁾.

Determine actual values with optical measuring instrument.

Prepare measurement sheet.

Theoretical values¹⁾.



Fault finding:

⑤ Variation in camber angle

- a) Rubber bearings on rear axle carrier,
- b) Rubber bearings on final drive,
- c) Silentbloks in trailing arm defective,
- d) Rear axle carrier,
- e) Trailing arm deformed,
- f) Distortion in floor assembly.

⑦ Track not correct

- a) Rear axle carrier,
- b) Trailing arm deformed,
- c) Silentbloks in trailing arm,
- d) Rubber bearings on rear axle carrier defective,
- e) Spring sag too great.

⑥ Rear wheel position is incorrect

- a) Rear axle carrier laterally displaced,
- b) Distortion in floor assembly.

¹⁾See Technical data.