

46-0230 Important notes regarding repair of steering gear

The steering gear repair instructions mainly comprise sealing work.

If there is any wear or damage to parts such as balls, steering nuts, steering shafts, power pistons, control valves, steering housings, the steering gear must be replaced.

The reason for this is that the parts are matched to each other in a selection procedure and, for this reason, a part cannot be matched with other existing parts. (Play between 0.006–0.01 mm).

Scrupulous cleanliness is essential when performing any work on the steering gear.

The work should be performed, if possible, on a plastic base. Do not use any fluffy cloths; chamois leather is particularly suitable for this kind of work.

Following disassembly, all the parts must be washed and blown dry with compressed air.

When examining steering parts, always apply a strict standard. In cases of doubt, always replace the part concerned.

No repair work may be carried out on the steering gear 765.961 (model 140 special protection). A steering gear for which complaints have been received must be replaced.

Type of oil

Steering gear oil 000 989 88 03

Refer to Specifications for Service Products, sheet 236.2
