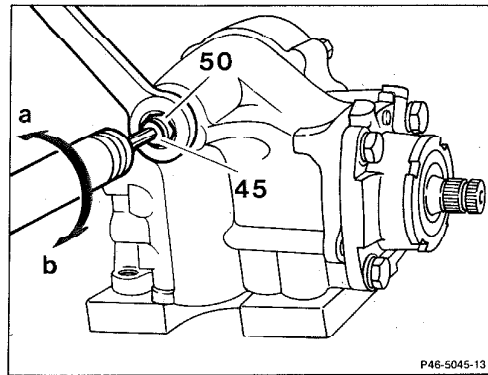
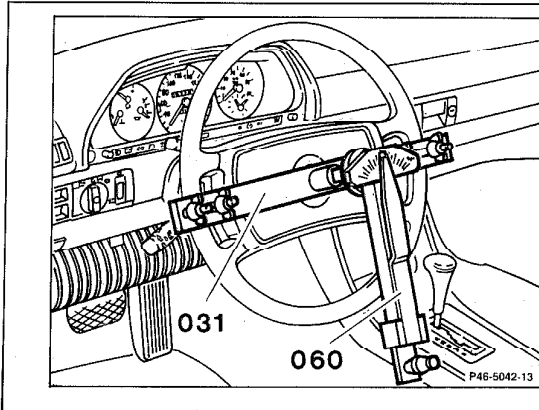


46-480 Readjustment of steering gear in vehicle

Preliminary work:

Center link on pitman arm removed (46-550).

Tie rod on pitman arm removed (46-540).



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Holder (031)	126 589 13 63 00 fasten to steering wheel with torque wrench (060) 123 589 02 21 00
Friction in steering gear	measure by slowly turning steering wheel from stop to stop a number of times (see Note).
Counter nut (50)	loosen, tighten, 60 Nm.
Adjustment screw (45)	turn in increments of 1/4 turn and adjust friction.
	Direction a = less clearance = higher friction
	Direction b = higher clearance = less friction

After tightening counter nut check friction again.

On vehicles with diesel engine use adjustment wrench 123 589 01 09 00,

on vehicles with gasoline engine use adjustment wrench 123 589 01 10 00, 123 589 01 03 00.

46-480 Readjustment of steering gear in vehicle

Note

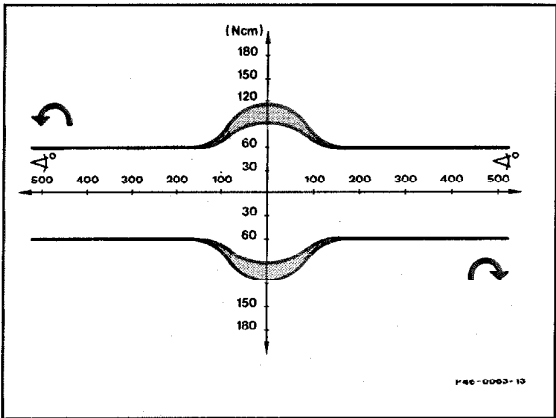
The entire friction in the center range should be 40-60 Ncm higher than the basic friction measured previously.

If the friction does not increase in the center range, readjust the steering gear.

Example

Friction in steering gear after adjustment.

Basic friction	60 Ncm
Increase in center	40-60 Ncm
Total friction	100-120 Ncm



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Adjustment value	Ncm	
Measure total friction in steering gear in center range	New steering	110-160
	Used steering	100-130 ¹⁾

(Tie rod and center link removed).
¹⁾ On vehicles with airbag 110-140 Ncm.

Special tools

