

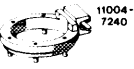


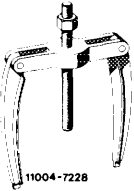


**Special tools**

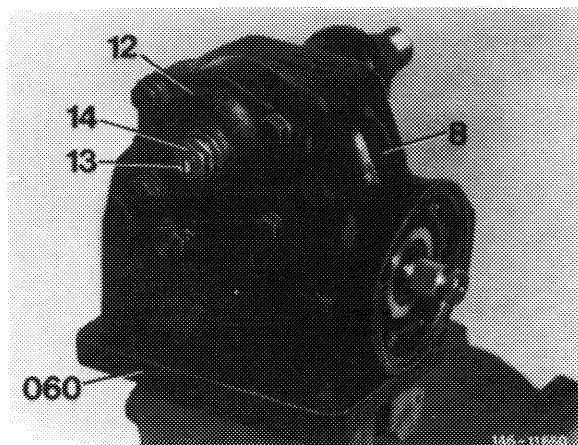
Assembly plate for steering housing		116 589 01 59 00
Special wrench for adjusting ring (steering 1st version)		116 589 12 07 00
Special wrench for adjusting ring		115 589 11 07 00
Box wrench for adjusting ring (steering 2nd version)		123 589 00 03 00
Internal puller for bearing outer race		000 589 28 33 00
Countersupport for internal puller		000 589 34 33 00

**Conventional tools**

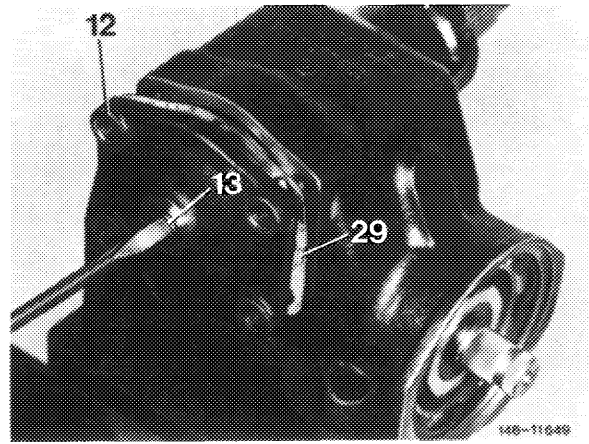
Pliers for inside locking ring J 1	e. g. made by Hazet, D-5630 Remscheid order No. 1846 a-1
Pliers for inside locking ring J 3	e. g. made by Hazet, D-5630 Remscheid order No. 1846 a-3

**Disassembly**

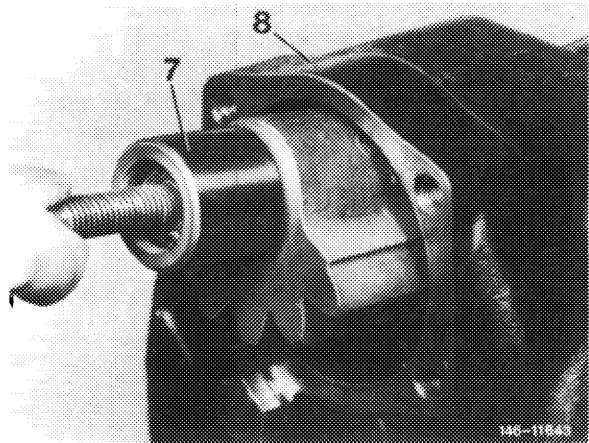
- 1 Attach steering to assembly plate.
- 2 Unscrew hex. nut (14) from adjusting screw (13).
- 3 Unscrew hex screws for attaching housing cover (12) to steering housing (8).



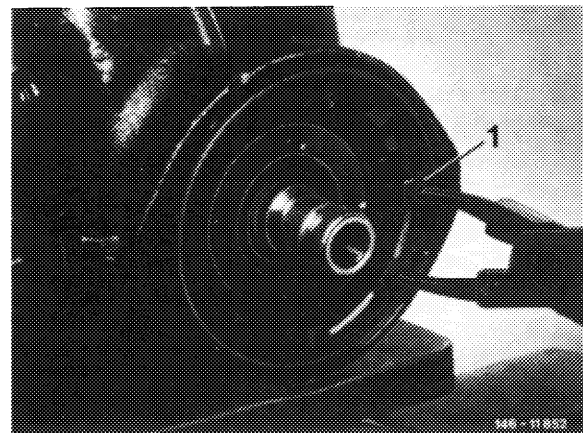
4 Screw adjusting screw (13) into housing cover (12) and remove cover including paper gasket.



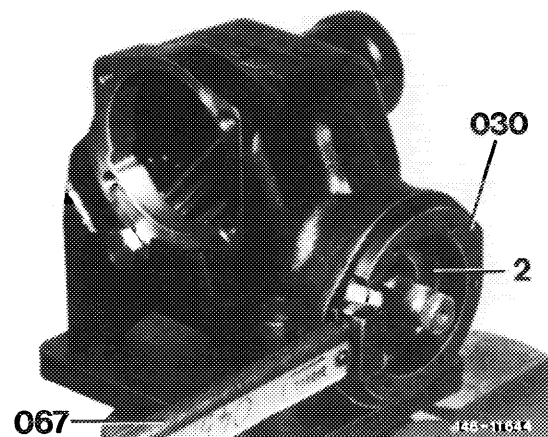
5 Remove pitman shaft (7) from steering housing.



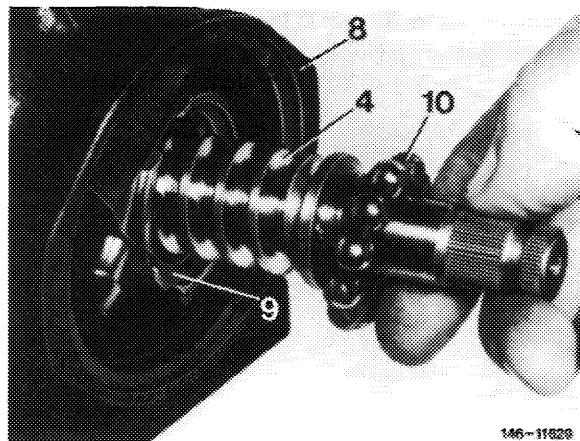
6 Remove locking ring (1) from steering housing, screw threaded ring out of steering housing by means of special wrench.



7 Unscrew adjusting ring from steering housing.



8 Remove steering worm including steering nut and ball cages from steering housing.

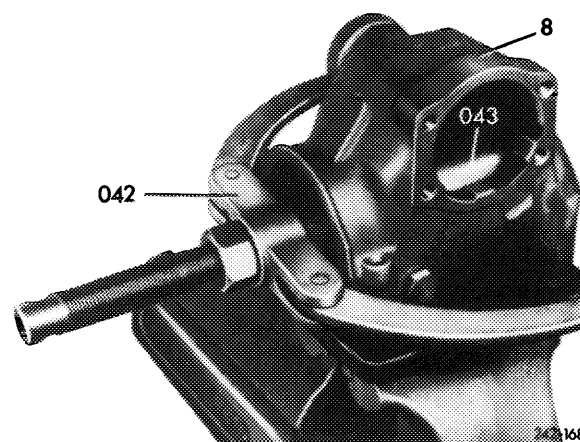


9 Pull outer race of tapered ball bearings out of housing by means of internal puller.

**Note:** If the internal puller is not available, the outer race can be forced out by means of a large offset screwdriver.

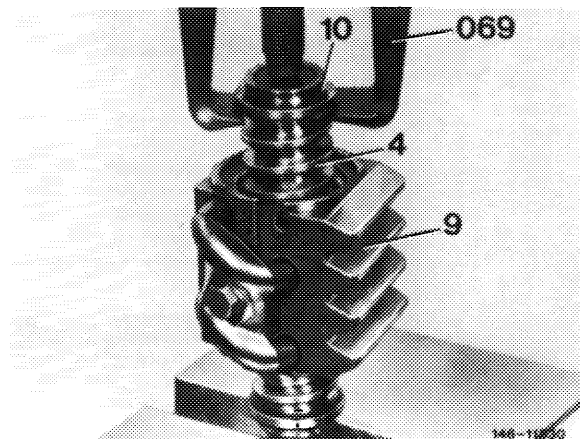
10 Take outer race out of adjusting ring.

11 Knock shaft sealing ring out of steering housing and adjusting ring.



12 Pull inner races of tapered ball bearing from steering worm by means of a puller.

**Note:** If the tapered ball bearings are used again, put bearings together in sets or identify.



13 Remove locking ring (16) and adjusting screw (13) with spacing washer (17) from pitman shaft.

