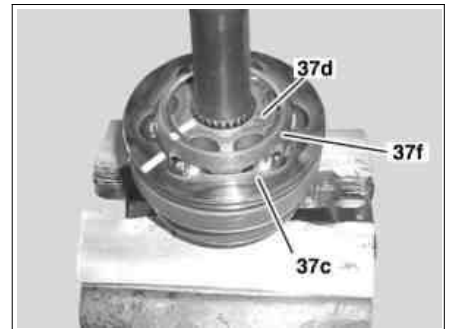


Model 166, 170, 171, 172, 203, 204, 207, 208, 209, 211, 212, 215, 216, 218, 219, 220, 221, 230, 231, 292

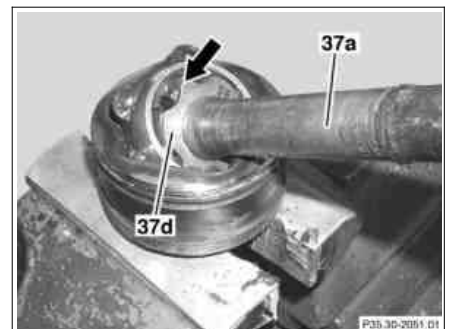
Dismantle constant-velocity joint

1 Mark installation position of the joint ring (37c), joint hub (37d) and ball retainer (37f) in relation to one another.



P35.30-2050-01

2 Align rear axle shaft (37a) so that narrow bar (arrow) of joint hub (37d) points upward.



P35.30-2051-01

3 Use a suitable tool to press the two top balls out of the ball retainer (37f).



P35.30-2052-01

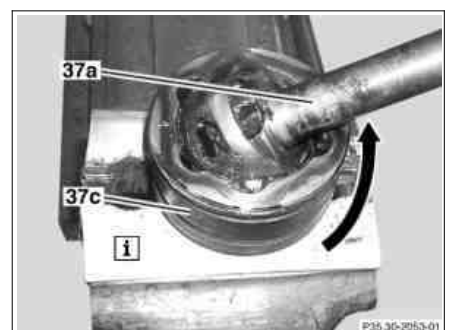
4 Align rear axle shaft (37a) and turn slightly to remove from the joint ring (37c).

i Hold the remaining balls in place when removing.

5 Remove remaining balls from joint ring (37c).

6 Remove ball retainer (37f) from joint hub (37d).

7 Clean all parts.



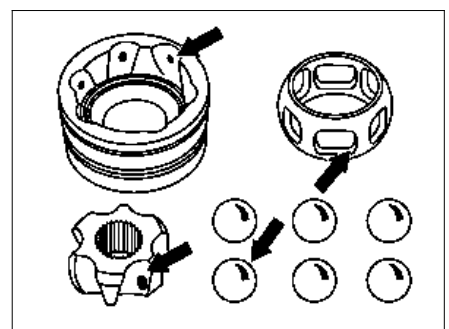
P35.30-2053-01

Check constant velocity joint

8 Check ball raceways of joint ring (37c), joint hub (37d), ball retainer (37f) and balls for pitting and signs of wear (arrows).

i If these parts exhibit major wear, the entire rear axle shaft (37a) must be replaced. Smooth areas and running marks caused by the balls are not a reason to replace the rear axle shaft (37a).

i If the outer constant velocity joint is defective, then the rear axle shaft (37a)



must be replaced.

P35.30-2054-01

Assembling CV joint

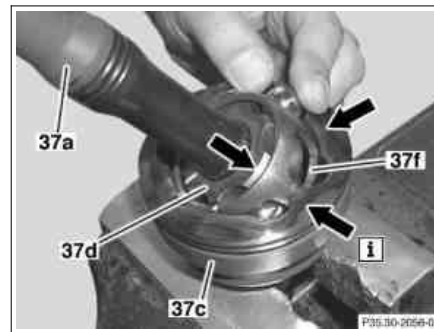
- 9 Insert rear axle shaft (37a) with joint hub (37d) and ball retainer (37f) into joint ring (37c) and align so that balls can be inserted.

i Before inserting the joint hub (37d), pack half the grease provided in the repair kit into the joint ring (37c).

- 10 Position ball retainer (37f) onto joint hub (37d).

i Watch the alignment marks made earlier. If a marking was not made the ball retainer (37f) has to be positioned on the joint hub (37d) such that a wide bar of the joint hub (37d) is always opposite a narrow bar of the joint ring (37c).

- 11 Insert balls one after the other.



P35.30-2056-01