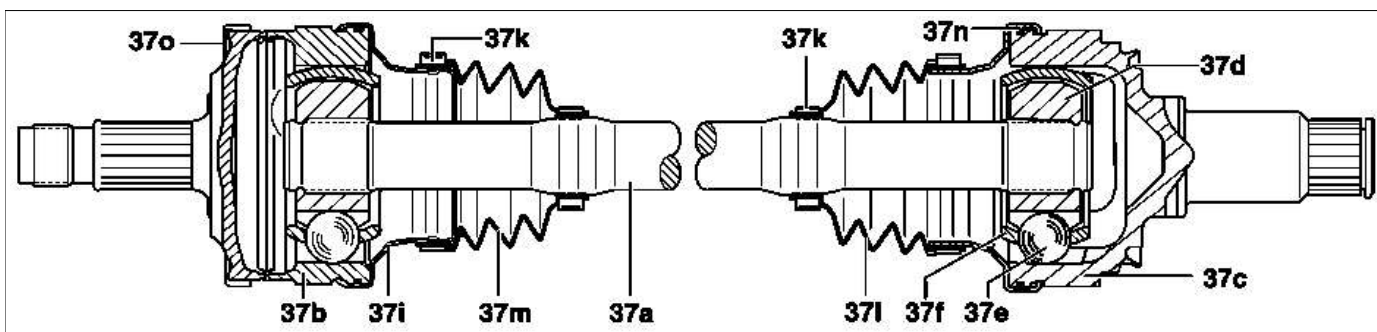



Model 166, 170, 171, 172, 203, 204, 207, 208, 209, 211, 212, 215, 216, 218, 219, 220, 221, 230, 231, 292




P35.30-2029-07

- | | | | | | |
|-----|--------------------|-----|---------------|-----|-------------|
| 37a | Rear axle shaft | 37e | Ball | 37l | Rubber boot |
| 37b | Outside joint ring | 37f | Ball retainer | 37m | Rubber boot |
| 37c | Inner joint ring | 37i | Cup seal | 37n | O-ring |
| 37d | Joint hub | 37k | Clamps | 37o | Cap |


| Icon | Remove/install | | |
|----------|---|--|---|
| 1 | Clamp rear axle shaft (37a) in vise | i Use soft vise jaws. Check availability of a repair kit for the rubber boot in the EPC (repair possible on certain rear axle shafts (37a) only). | |
| 2 | Remove clamps (37k) | i Installation: Replace clamps (37k), note clamp width while doing so. | |
| 3 | Remove cup seal (37i) from inner joint ring (37c) and outer joint ring (37b) | i Installation: Do not oil or grease O-ring (37n). W Model 166, 170, 171, 172, 204, 207, 208, 209, 211, 212, 215, 216, 218, 219, 220, 221, 230, 292 Plugged in shafts Model 231 Plugged in shafts Filling capacity for joint housing W Model 203.004/006/007/008/016/018/035/045/061/065/076/081/084/087/092/204/206/207/208/216/218/235/245/261/265/276/281/284/287/292/706/707/708/718/735/745/747 Rear axle shaft (inserted) Filling capacity for joint housing | AR35.30-P-0661-01P *BF35.30-P-1001-01G *BF35.30-P-1003-01D |
| 4 | Dismantle constant-velocity joint | | AR35.30-P-0661-03P |
| 5 | Press joint hub (37d) off the rear axle shaft (37a) WF Shell halves (2 ea.) for pressing off and caulking the inner constant velocity joint. WF Staking tool for securing joint hub on rear halfshaft | W Drift | AR35.30-P-0661-02P WF58.50-P-3530-01A WF58.50-P-3530-07P *116589151500 |
| 6 | Remove rubber boot (37l) from opposite constant velocity joint | Only if necessary. i The rubber boot (37l) can be removed by way of the rear axle shaft (37a). | |
| C | Check | | |
| 7 | Check constant velocity joints for wear | i If the outer constant velocity joint is defective, then the rear axle shaft (37a) must be replaced. | AR35.30-P-0661-03P |
| 8 | Install in the reverse order | | |

 Rear axle shaft, plugged in shafts

| Number | Designation | | | Model 166, 170, 171, 172, 204, 207, 208, 209, 211, 212, 215, 216, 218, 219, 220, 221, 230, 246, 292 Plugged in shafts | Model 231 Plugged in shafts |
|--------------------|------------------------------------|------|---|---|-----------------------------|
| BF35.30-P-1001-01G | Filling capacity for joint housing | Ø82 | g | 80 | 80 |
| | | Ø95 | g | 100 | 100 |
| | | Ø102 | g | 120 | 120 |
| | | Ø106 | g | 130 | 130 |
| | | Ø112 | g | 140 | 140 |
| | | Ø116 | g | 150 | 150 |

 Rear axle shaft


| Number | Designation | | | Model 203.004/006/007/008 /016/018/035/045/061/065/076/081/084/087/092/204/206/207/208/216/218/235/245 /261/265/276/281/284/287/292/706/707/708/718/735/745/747 Rear axle shaft (inserted) | Model 203.004/006/018/035/045/061/065/081/084/087/092/204/206/218/235/245/261/265/276/281/284/287/292/706/718/735/745 Rear axle shaft (bolted on) | |
|--------------------|------------------------------------|----------------------------|------|--|---|---|
| BF35.30-P-1003-01D | Filling capacity for joint housing | Rear axle shaft (inserted) | Ø95 | g | 100 | – |
| | | | Ø102 | g | 120 | – |
| | | | Ø106 | g | 130 | – |
| | | | Ø112 | g | 140 | – |
| | | | Ø116 | g | 150 | – |

 Rear axle shaft


| Number | Designation | | | MODEL 203.007/207 with TRANSMISSION 716 Bolted-on rear axle shaft except CODE 450, MODEL 203.707 with TRANSMISSION 711, 716 Bolt-on rear axle shaft except CODE 450 | MODEL 203.007/207/707 with TRANSMISSION 722 Bolted-on rear axle shaft except CODE 450 | |
|--------------------|------------------------------------|----------------------------|------|---|---|---|
| BF35.30-P-1003-01D | Filling capacity for joint housing | Rear axle shaft (inserted) | Ø95 | g | – | – |
| | | | Ø102 | g | – | – |
| | | | Ø106 | g | – | – |
| | | | Ø112 | g | – | – |
| | | | Ø116 | g | – | – |

 Rear axle shaft

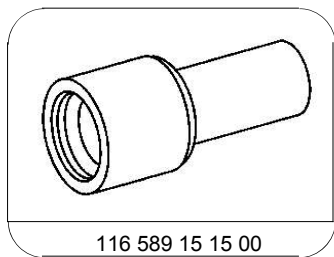
| Number | Designation | | | | MODEL 203.007/207 with TRANSMISSION 716 Bolted-on rear axle shaft with CODE 450, MODEL 203.008/208 with TRANSMISSION 716 Bolt-on rear axle shaft, MODEL 203.708 with TRANSMISSION 711, 716 Bolted-on rear axle shaft | MODEL 203.007/207 with TRANSMISSION 722 Bolted-on rear axle shaft with CODE 450, MODEL 203.008/016/208/216/708 with TRANSMISSION 722 Bolted-on rear axle shaft |
|--------------------|------------------------------------|----------------------------|------|---|--|--|
| BF35.30-P-1003-01D | Filling capacity for joint housing | Rear axle shaft (inserted) | Ø95 | g | – | – |
| | | | Ø102 | g | – | – |
| | | | Ø106 | g | – | – |
| | | | Ø112 | g | – | – |
| | | | Ø116 | g | – | – |

 Rear axle shaft

| Number | Designation | | | | Model 203.016/216 with transmission 716 Rear axle shaft (bolted on) | Model 203.076/276 Rear axle shaft (bolted on) |
|--------------------|------------------------------------|----------------------------|------|---|---|---|
| BF35.30-P-1003-01D | Filling capacity for joint housing | Rear axle shaft (inserted) | Ø95 | g | – | – |
| | | | Ø102 | g | – | – |
| | | | Ø106 | g | – | – |
| | | | Ø112 | g | – | – |
| | | | Ø116 | g | – | – |

 Rear axle shaft

| Number | Designation | | | | Model 203.747 with transmission 716 Rear axle shaft (bolted on) | Model 203.747 with transmission 722 Rear axle shaft (bolted on) |
|--------------------|------------------------------------|----------------------------|------|---|---|---|
| BF35.30-P-1003-01D | Filling capacity for joint housing | Rear axle shaft (inserted) | Ø95 | g | – | – |
| | | | Ø102 | g | – | – |
| | | | Ø106 | g | – | – |
| | | | Ø112 | g | – | – |
| | | | Ø116 | g | – | – |



Drift