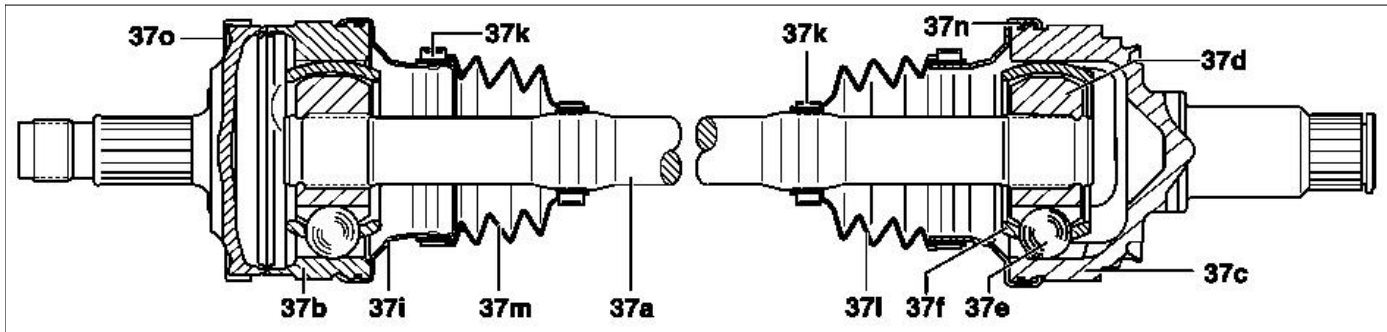


MODEL 166, 170, 171, 172, 203, 204, 207, 208, 209, 211, 212, 218, 215, 216, 219, 220, 221, 230 with inserted rear axle shafts



P35.30-2029-07

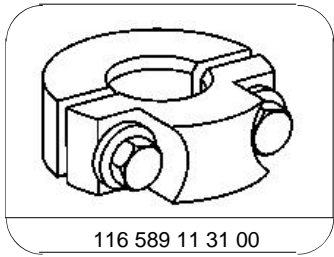
- |     |                    |     |               |     |             |
|-----|--------------------|-----|---------------|-----|-------------|
| 37a | Rear axle shaft    | 37e | Ball          | 37l | Rubber boot |
| 37b | Outside joint ring | 37d | Ball retainer | 37m | Rubber boot |
| 37c | Inner joint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

	Remove/install		
1	Clamp rear axle shaft (37a) in vise	Check the availability of a rubber boot repair kit in the EPC (repair only possible on certain rear axle shafts (37a)). Use protective jaws.	
2	Detach hose clamps (37k)	<b>Installation:</b> Replace hose clamps (37k), observing the width of the hose clamps.	
3	Remove cup seal (37i) on inner joint ring (37c) and outer joint ring (37b)	<b>Installation:</b> Do not oil or grease O-ring (37n). 	AR35.30-P-0661-01P *BF35.30-P-1001-01G
4	Dismantle constant-velocity joint		AR35.30-P-0661-03P
5	Press joint hub (37d) off the rear axle shaft (37a)	Drift Clamping jaws (For rear-axle shaft diameter 27 mm) Clamping jaws (For rear-axle shaft diameter 34 mm)	AR35.30-P-0661-02P *116589151500 *116589113100 *220589023100
WF	Shell halves (2 ea.) for pressing off and caulking the inner constant velocity joint.		WF58.50-P-3530-01A
WF	Staking tool for securing joint hub on rear halfshaft		WF58.50-P-3530-07P
6	Remove rubber boot (37l) from opposite constant velocity joint	Only if necessary. The rubber boot (37l) can be removed by way of the rear axle shaft (37a).	
	<b>Checking</b>		
7	Check constant velocity joints for wear	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

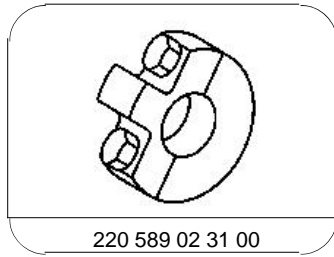
Number	Designation	Model
		166, 170, 171, 172, 203, 204, 207, 208, 209, 211, 212, 215, 216, 218, 219, 220, 221, 230, 246

BF35.30-P-1001-01G	Filling capacity for joint housing	Ø95	g	100
		Ø102	g	120
		Ø106	g	130
		Ø112	g	140
		Ø116	g	150



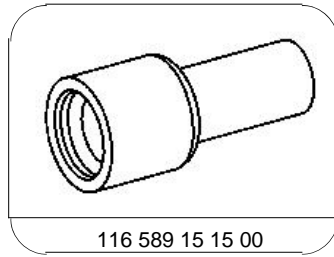
116 589 11 31 00

Clamping jaws



220 589 02 31 00

Clamping jaws



116 589 15 15 00

Drift