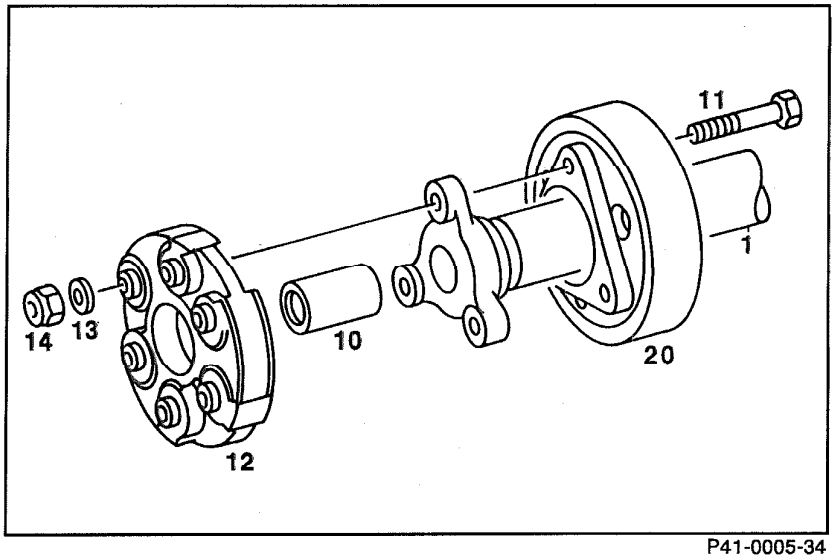
Model 126 starting 09/85

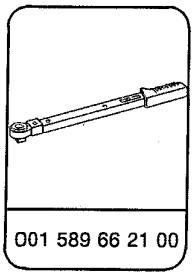


P41-0005-34

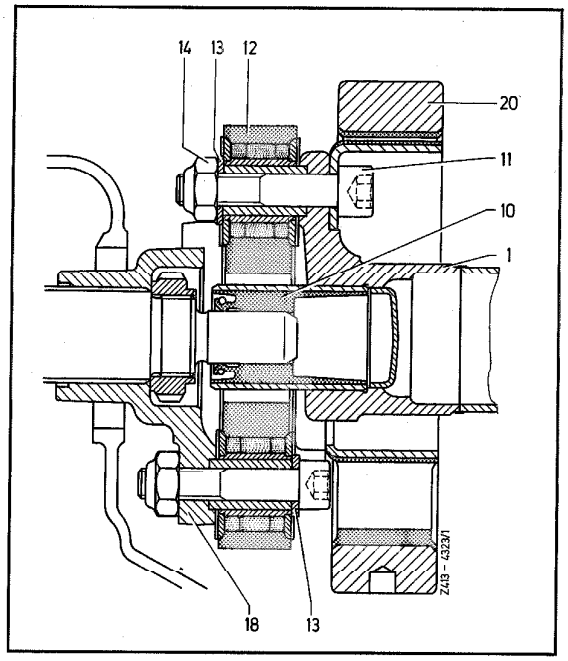
Drive shaft	remove and install (41-050).
Hex. head screws (11)	screw off and on, M 10 = 45 Nm, M 12 = 65 Nm. Replace self-locking hex. nuts (14).
Flexible disc (12) and vibration damper (20)	mount and remove. Mark vibration damper and flexible disc in relation to drive shaft. Loosen fitted sleeves with 10 mm dia. mandrel (steps 4, 5).
Centering sleeve (10)	pull out of drive shaft, press-in. Pay attention to pressing-in dimensions. With plastic bushings, grease cavity with Molykote grease and use multi-purpose grease with multi-component bushings (quantity per sleeve approx. 6 g [1]).

1) Refer to factory approved service products list supplied with owner's literature or available through your local authorized Mercedes-Benz Dealer

Special tool



Note
In the event of wear or damage to sealing lip in centering sleeve (10) of front or rear drive shaft, the centering sleeve can be individually replaced.



Z413-4323/1

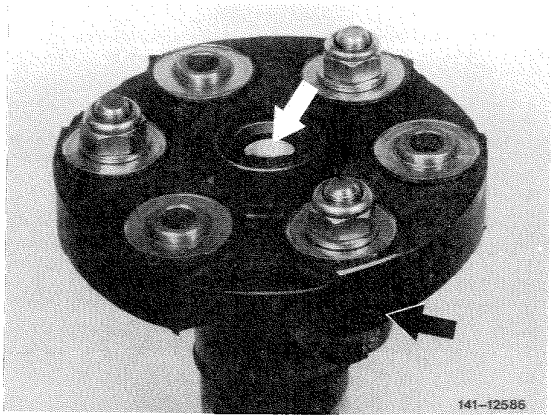
1	Front drive shaft
10	Centering sleeve
11	Hex. socket screw
12	Flexible disc
13	Washer
14	Self-locking hex. nut
18	Transmission universal flange
20	Vibration damper

Removal and installation

1 Remove drive shaft (41-050).

2 Unscrew hex. head screws with self-locking hex. nuts.

Drive shafts without vibration damper
3 On this version, mark flexible disc (arrow) in relation to three-legged flange of drive shaft.



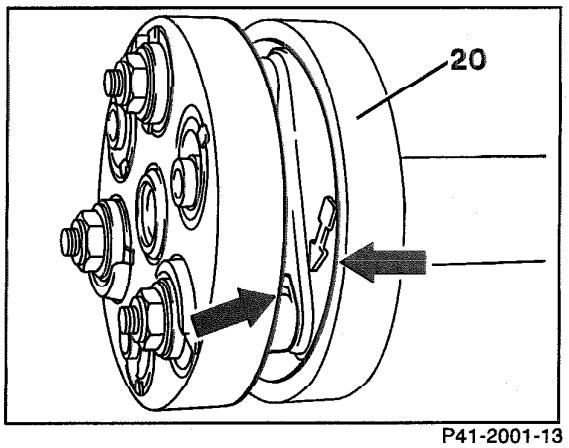
141-12586

Drive shafts with vibration damper

4 On this version, an identification mark on three-legged flange (hump) and on vibration damper (20) (vulcanized arrow) is in place.

Note

The installation position is correct, when the arrow of vibration damper (20) points to hump of three-legged flange (arrows).



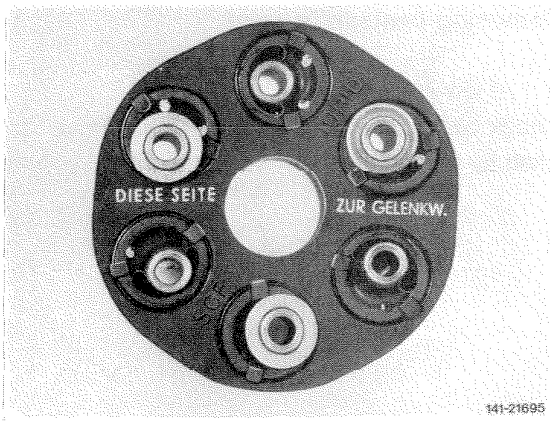
P41-2001-13

Installation note

Replace self-locking hex. nuts.

Tightening torque M 10 = 45 Nm,
M 12 = 65 Nm.

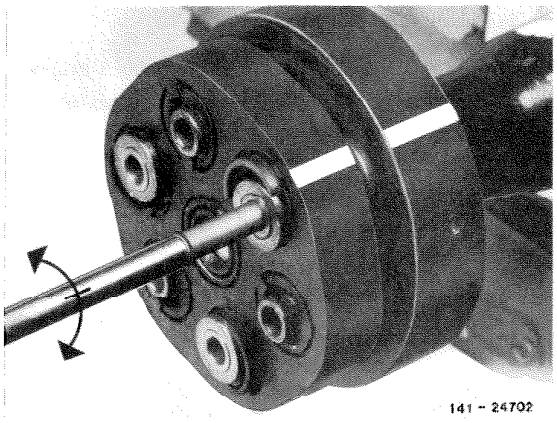
Mount tangentially soft flexible discs (on vehicles with engine 103) according to lettering "DIESE SEITE ZUR GELENKWELLE" (THIS SIDE TOWARD DRIVE SHAFT).



141-21695

5 On tangentially soft flexible discs (soft pull-push) loosen the vulcanized fitted sleeves out of three-legged flange. For this purpose, use a cylindrical mandrel of 10 mm dia. and approx. 150 mm in length.

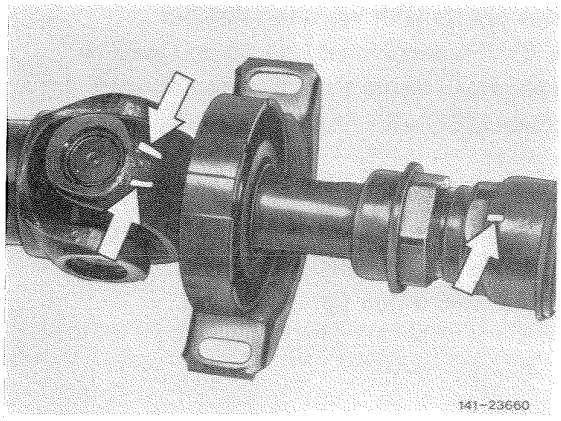
6 Remove flexible disc and, if installed, vibration damper.



141-24702

7 Separate front drive shaft from rear drive shaft.

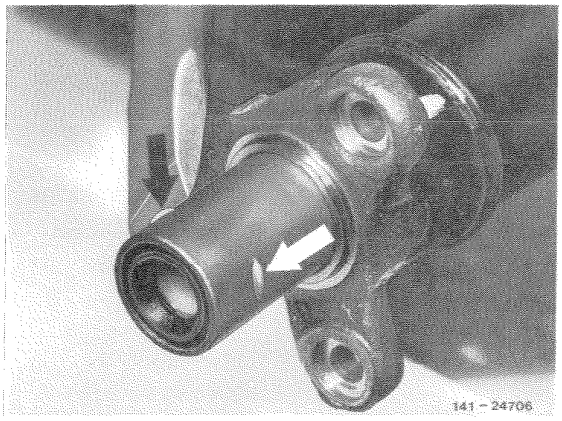
Installation note
Front and rear drive shaft are marked in relation to each other. When joined, make sure that the hump on front drive shaft is located in center of the two arrow-type humps of fork-type joint (arrows).



141-23660

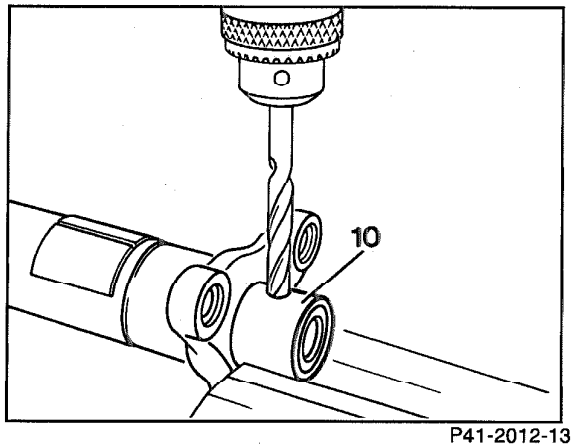
Removing centering sleeve

8 At low pulling force:
Knock centering sleeve uniformly out of drive shaft by means of a flat chisel (arrows).



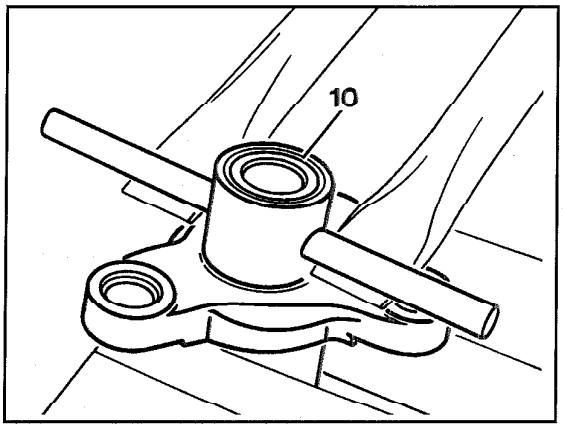
141-24706

9 At high pulling force:
Drill an approx. 10 mm dia. hole at a right angle through sleeve 15 mm from face of centering sleeve.



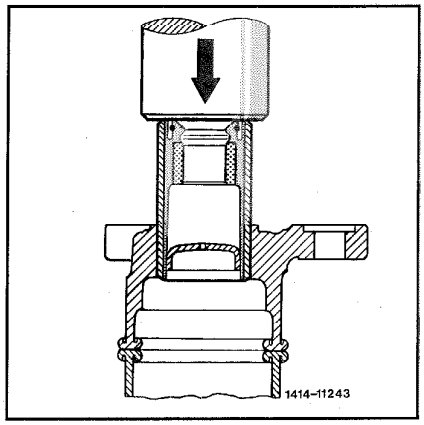
P41-2012-13

10 Insert a mandrel through bore and pull centering sleeve out of drive shaft by means of two assembly levers.



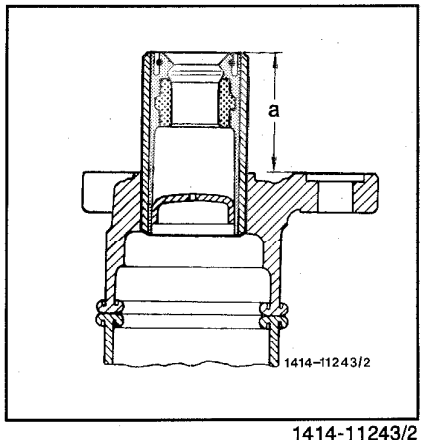
P41-2011-13

11 Press-in new centering sleeve with suitable mandrel. Pay attention to pressing-in dimension of centering sleeve (refer to table).



1414-11243

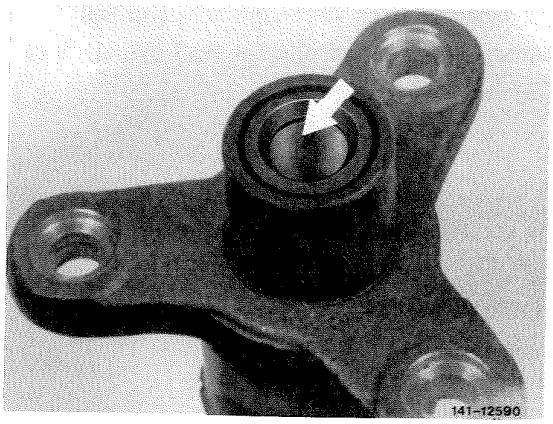
Model	Dimension "a" from face of centering sleeve to three-legged flange	
	front	rear
126.02	30	24.9
126.03/04 126.1	20.4	23.9



1414-11243/2

12 With bronze bushing, grease cavity of centering sleeve with Molykote grease and use multi-purpose grease with multi-component bushing (refer to factory approved service products list,
quantity per sleeve approx. 6 g).

13 For further installation proceed vice versa as of step 7.



141-12590