

35-680 Removal and installation of ring-shaped weight on inner joints of rear axle shafts

Distance	Model	Distance mm	Remarks
Distance between beaded edge and ring-shaped weight	107.045	23-24	1st version up to August 1981
	126.02		1st version -- if required only
	126.032/033		--
	126.02	13-14	2nd version if required only
	107.045 126.036/37	19-20	2nd version starting September 1981
Distance between hex. screw head and ring-shaped weight	107.046	9-10	--
	126.036/37		1st version up to August 1981

Tightening torque

Nm

Hex. socket screw for fastening ring-shaped weight to rear axle shaft

20

Note

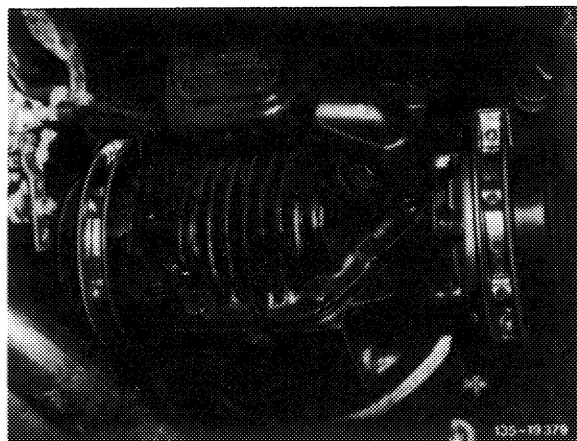
To reduce wheel assembly noise (whining) of rear axle center piece, the inner joints of the rear axle shaft are provided with split ring-shaped weights. On model 126.036/037, 107.045/046, 126.032/033 starting September 1981 standard and on model 126.032/033 up to August 1981 optional.

On model 126.02 optional.

Removal and installation of ring-shaped weights are described on one side only.

Removal

1 Loosen hex. socket screws and remove together with self-locking hex. nuts and split ring-shaped weight.



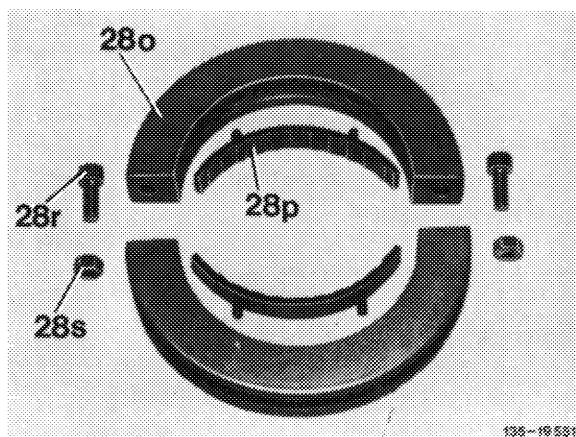
2 Check rubber (28p) in ring-shaped weight halves for cracks and replace, if required.

3 Clean protective sleeve of inner joints along circumference.

Installation

4 Force rubber (28p) into ring-shaped weight halves (28o).

28o Ring-shaped weight halves
28p Rubber
28r Hex. socket screw
28s Self-locking hex. nut

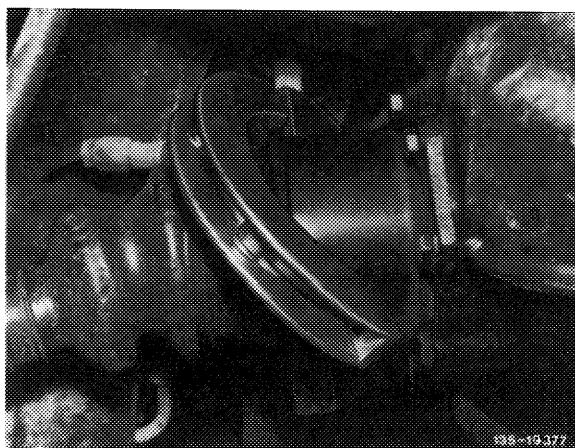


5 Connect ring-shaped weight halves by means of a hex. socket screw, while screwing-on self-locking hex. nut for one thread only.

Attention!

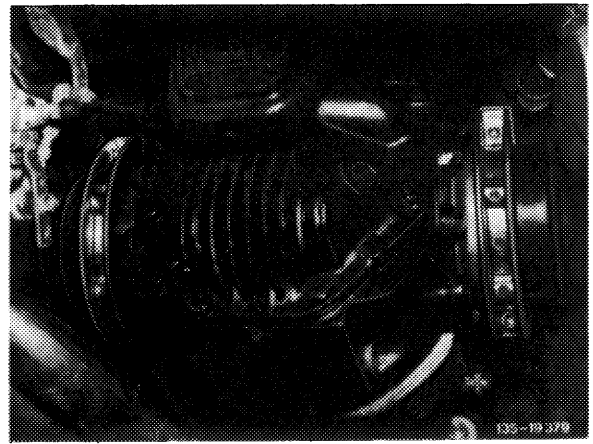
Renew self-locking nuts on principle.

6 Twist ring-shaped weight halves in relation to each other (open up) and insert from the front over inner joint.



7 Replace second hex. socket screw with a self-locking hex. nut, but do not yet tighten.

8 Align ring-shaped weight in such a manner that the specified distance from hex. screw heads of lateral bearing caps or from beaded edge of rear axle shaft to ring-shaped weight is provided.



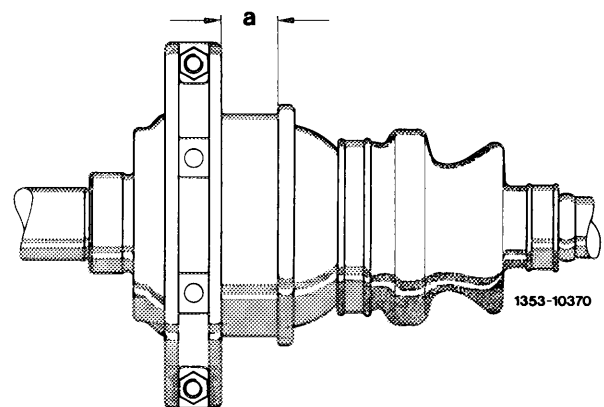
Model 107.045 up to August 1981 $a = 23-24$ mm

Model 126.02 1st version

Model 126.032/033

Model 107.045 starting September 1981 $a = 19-20$ mm

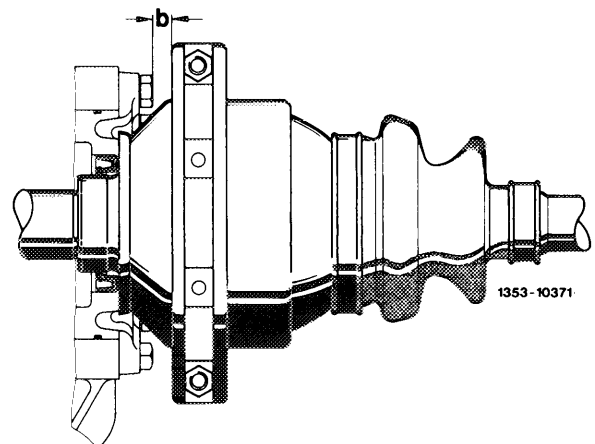
a = distance between beaded edge and ring-shaped weight .



Model 107.046 $b = 9-10$ mm

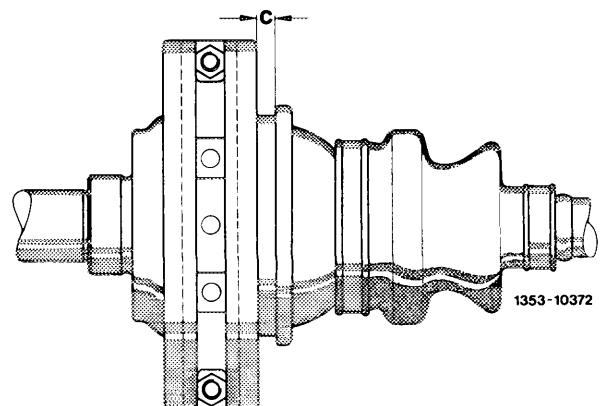
Model 126.036/037 up to August 1981 1st version

b = distance between hex. screw head and ring-shaped weight .



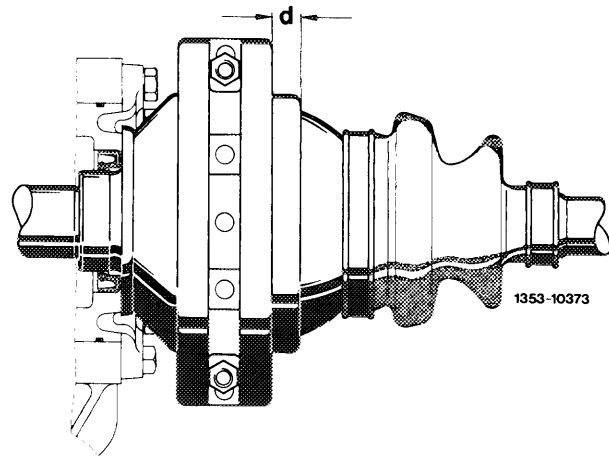
Model 126.02 2nd version $c = 13-14$ mm

c = distance between beaded edge and ring-shaped weight.



Model 126.036/037 $d = 19-20 \text{ mm}$
starting September 1981 2nd version

d = distance between beaded edge and ring-shaped weight.



Attention!

On righthand rear axle shaft make sure that enough clearance is available between ring-shaped weight and fuel delivery hose. If required, turn connection of fuel line accordingly (arrow).

9 Tighten hex. socket screws to a tightening torque of 20 Nm.

