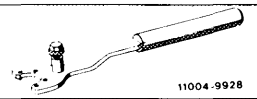
Locking means		
Omnifit Rapid M 100	to lock threads against ball joint	002 989 23 71

Tightening torque	Nm
Ball joint on spring strut	65

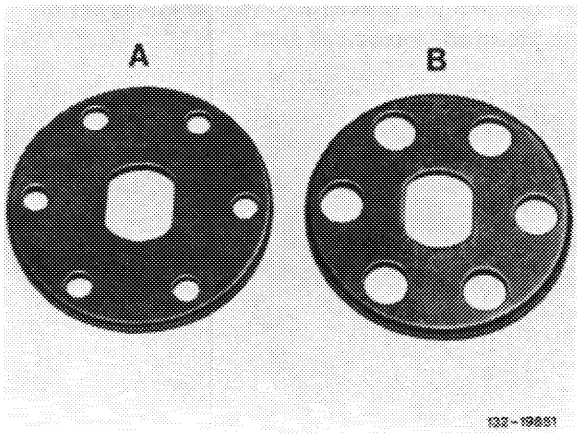
Special tool		
Open end wrench 19 mm for holding piston rod on spring strut	 11004-9927	123 589 00 01 00
Pin spanner for disc to assemble ball joint on spring strut	 11004-9928	123 589 05 07 00

Note

The ball pin should be movable back and forth without play, but also without binding and without creaking noises, but care must be taken that the releasing torque is higher than the torque required for moving back and forth.

Ball joints which were operating with defective sleeves must be replaced on principle.

Always use a disc of the 2nd version (b) with bores of 8 mm dia.

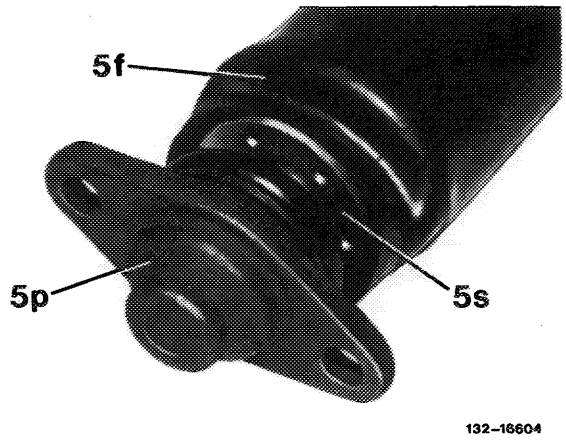


A 1st version with bores 6 mm dia. (up to February 1980)

B 2nd version with bores 8 mm dia. (starting March 1980)

Removal

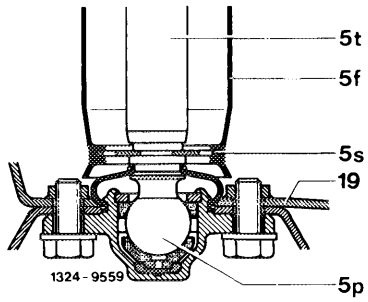
1 Push dust guard of spring strut from disc.



5f Dust guard
5p Ball joint
5s Disc

2 Heat piston rod (5t) in range of screw-in threads of ball joint (5p) with suitable tool (if possible, hot air blower or the like) as quickly as possible to 80–100 °C.

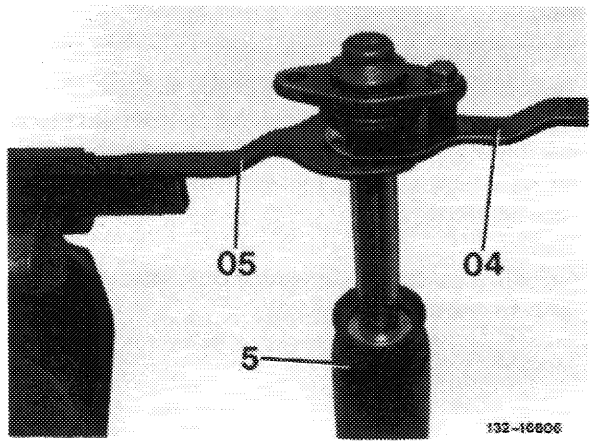
The locking compound on threads of ball joint will become liquid upon heating.



3 Clamp open end wrench (05) into vise.

Place spring strut into tool in such a manner that the piston rod enters in-between the two flat surfaces of the open end wrench.

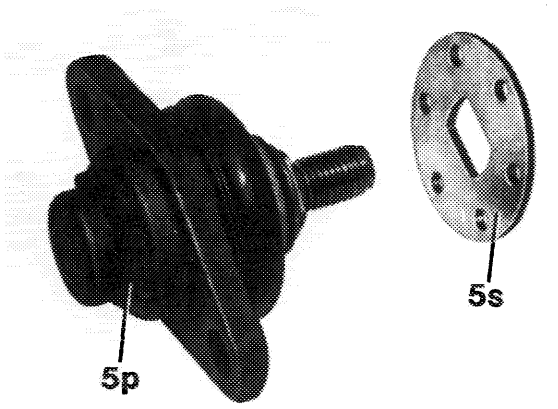
Note: On spring struts, on which the disc of the 1st version is mounted, release ball joint upon heating by turning disc by means of suitable pipe wrench.



4 Connect pin spanner (04) with fastening eye of ball joint and loosen ball joint.

5 Check components and replace ball joint, if required.

Note: Always use a disc and 2nd version with bores of 8 mm dia. on principle.



5p Ball joint
5s Disc

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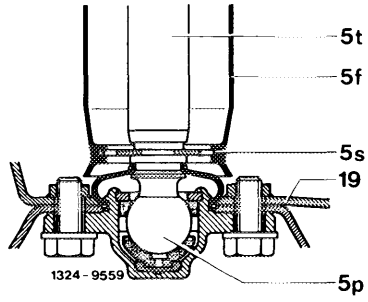
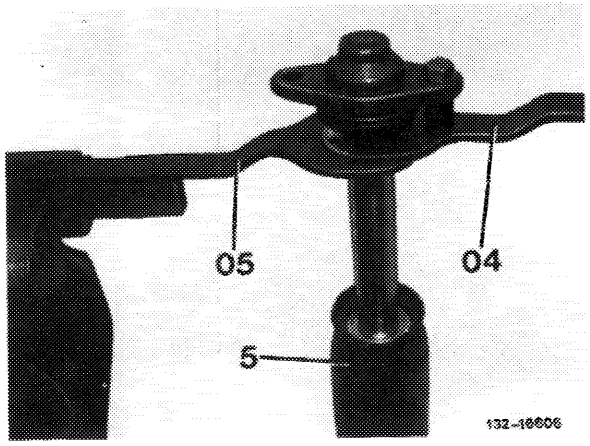
Installation

6 Coat threads of ball joint with locking compound and screw-in joint.



5f Dust guard
5p Ball joint
5s Disc
5d Piston rod

7 Tighten ball joint to specified tightening torque with special tool (04, 05).



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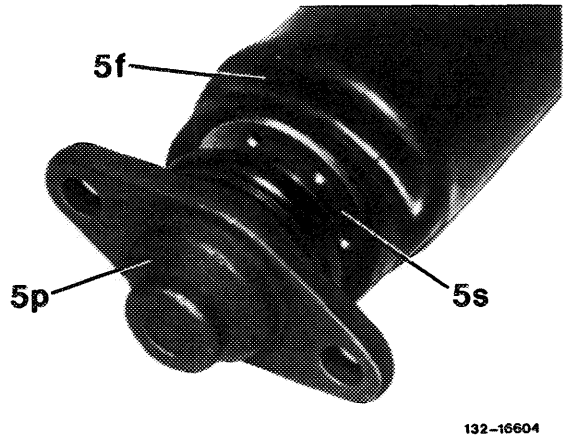
8 Mount dust guard (5f) on disc (5s).



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