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### SUSPENSION AND SHOCK ABSORBER Assy group 110

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## 1 Change front coil spring

### Tools:

Mounting device for vehicle spring 905.3.11.501.0  
Torque spanner 3/4" 75-400 Nm standard

### Removing:

- 1 Lift vehicle with jack at axle housing of front axle until wheels just clear of the ground.

- 2 Arrange resting trestle at foot pan stiffening (1).

**NOTE:** Use suitable support between resting trestle and foot pan (felt e.g.) in order to avoid damage to varnish and underseal resp.

- 3 Remove wheel.



Fig. 1

- 4 Insert mounting device (2/1) special tool pos. no. 905.3.11.501.0 into spring acc. to fig. 2 and tension a bit. Place movable jack under wheel drive and lift half-axle successively while compressing spring. Compress spring to at least 65 mm right and to 100 mm left (measured at mounting device).

- 5 Remove shock absorber retaining screw (2/2) and compress shock absorber.

- 6 Lower wheel drive and remove spring with bottom spring retainer.

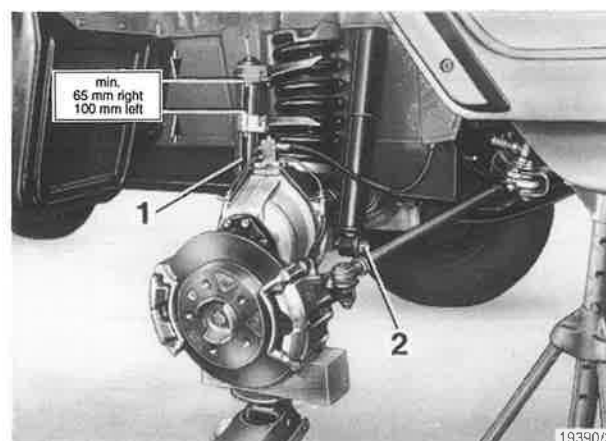


Fig. 2

### Fitting:

- 7 Compress coil spring to measures indicated in fig. 3 using mounting device special tool pos. no. 905.3.11.501.0 and check resp.

**NOTE:** Fig. 3 shows the compressed coil spring for mounting right. For mounting left apply mounting device in symmetrical position with respective measures.

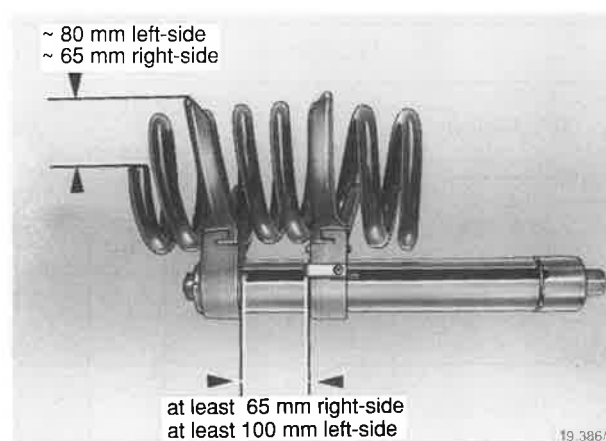
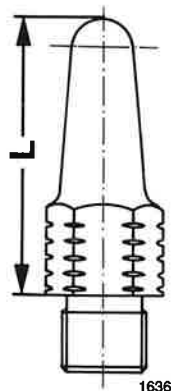


Fig. 3

Corresponding to the front axle load of the respective vehicle model, red or blue marked coil springs are made from different dia. material and are of different length. As there are tolerances from manufacturing, springs are grouped into classes acc. to their resilience and marked at the spring outer dia by one, two or three colour lines. For balancing these tolerances and for achieving optimum resilient properties, five spring support bolts of different lengths have been provided enabling up to five variations for combination acc. to each vehicle model. Taking this into account coil springs and spring support bolts must be mounted on both sides with the same marking. Therefore change coil springs with pertinent spring support bolts if possible only in pairs and observe the settling state of the remaining spring resp.

	spring support bolts	
	length in mm	number of marking grooves
	61.5 64 66.5 69 72	1 2 3 4 5

716 M/truck					
coil spring	spring support bolt/marking grooves				
	1	2	3	4	5
1 line - red				#	
2 lines - red			#		
3 lines - red			#		

718 M/truck					
coil spring	spring support bolt/marking grooves				
	1	2	3	4	5
1 line - red					#
2 lines - red				#	
3 lines - red			#		
1 line - blue	#				

718 K/truck and 718/RV-FAL					
coil spring	spring support bolt/marking grooves				
	1	2	3	4	5
2 lines - red					#
3 lines - red					#
1 line - blue			#		
2 lines - blue		#			
3 lines - blue	#				

716 K/truck					
coil spring	spring support bolt/marking grooves				
	1	2	3	4	5
1 line - blue				#	
2 lines - blue			#		
3 lines - blue		#			

718 T/SAN					
coil spring	spring support bolt/marking grooves				
	1	2	3	4	5
1 line - blue					
2 lines - blue					#
3 lines - blue					#

- 8 Check fastening nut (4/1) to spring cup (4/2) and cheese head screw (4/3) to hollow rubber suspension (4/4) for tight seat. Check spring support bolt (4/7) torque with 200 Nm. Check spring pad (4/6) for reusability. Fill ball-shaped cavity (4/5) in bottom spring retainer with Molykote Longterm No. 2.

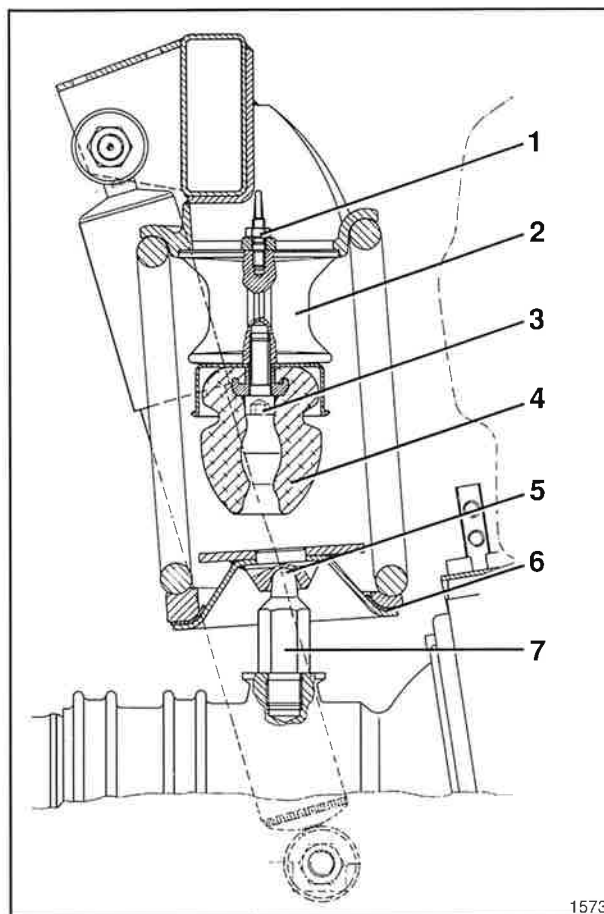


Fig. 4

- 9 Insert coil spring (5). Take care that spring ends at top and bottom spring retainer or centering ring resp. sit tight at stop. Put half-axle into horizontal position by lifting wheel drive with a movable jack. While doing this keep spring ends as mentioned in stop position and care for correct position of bottom spring retainer at spring support bolt.

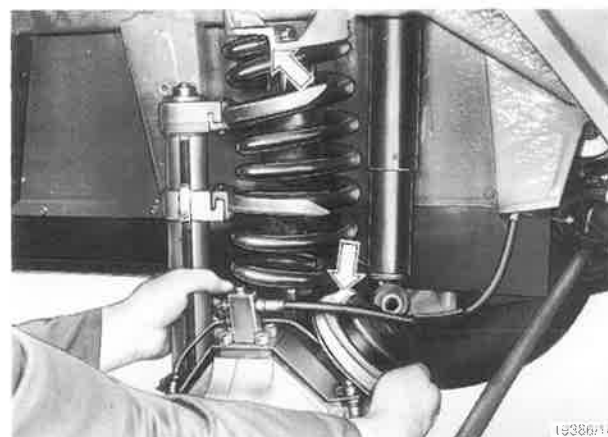


Fig. 5

- 10 Align shock absorber with distance sleeve (6/2) pointing to axle ball head. Check intermediate piece (6/1) for correct positioning. Smear shock absorber retaining screw along the whole length with Loctite-Anti-Seize and insert with screw head pointing backwards. Put on washer (6/3) and tighten nut to 200 Nm.
- 11 Release coil spring and screw off mounting device (6/4) resp. During this lower movable jack gradually.
- 12 Fit wheel.
- 13 Put vehicle on wheels and tighten wheel bolts or ball collar screws resp. to 200 Nm.

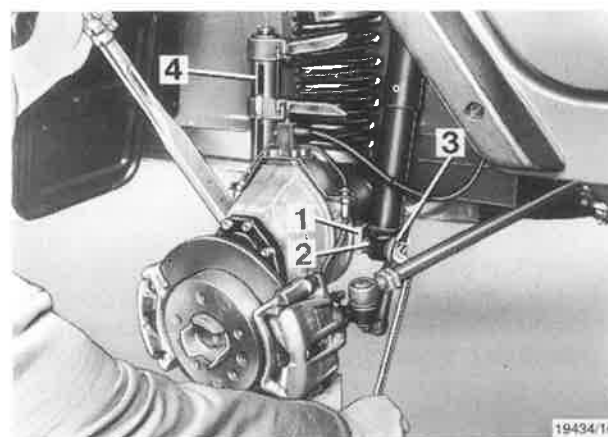


Fig. 6

## 2 Change front hollow rubber suspension

Includes:

Changing front coil spring see section 1/1-13

Removing:

- 1 Remove coil spring(s) see section 1/1-6.
- 2 Insert hexagon-socket offset screw key, size 10, into hollow rubber suspension or cheese head screw resp. Hold spring cup with quick grip pliers and screw off hollow rubber suspension with spring retainer (1).

Fitting:

- 3 Check fastening nut (2/1) of spring cup (2/2) for tight seat. Smear cheese head screw (2/3) thread with Loctite-Anti-Seize. Grease screw head outside with silicon paste and insert screw into hollow rubber suspension (2/4).
- 4 Fit hollow rubber suspension with spring retainer (2/5).
- 5 Fit coil spring(s) see section 1/7-13.

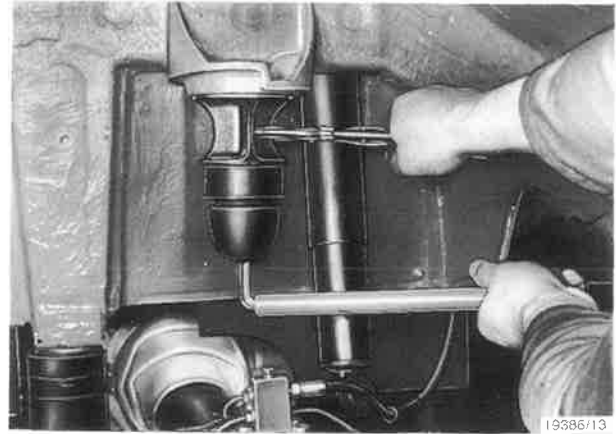


Fig. 1

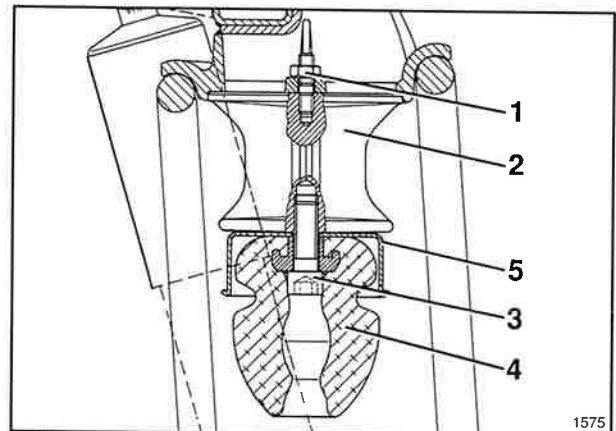


Fig. 2

## 3 Change bottom spring retainer of front coil spring

Includes:

Changing front coil spring see section 1-5,10-13

Removing:

- 1 Compress coil spring see section 1/1-5.
- 2 Lower wheel drive and remove spring retainer (1).

Checking:

- 3 Check spring pad (2/2), centering ring (2/3) and spring support bolt (2/4) for reusability (visual check).

Fitting:

- 4 Fill ball-shaped cavity at the new spring retainer's (2/1) bottom side with Molykote Longterm No. 2. Put on spring pad and centering ring.
- 5 Insert complete spring retainer acc. to fig. 1. Take care that spring ends at top and bottom spring retainer or centering ring resp. sit tight at stop. Put half-axle into horizontal position by lifting wheel drive with a movable jack. While doing so keep spring ends as mentioned in stop position and care for correct position of bottom spring retainer at spring support bolt.
- 6 Carry out further steps acc. to section 1/10-13.

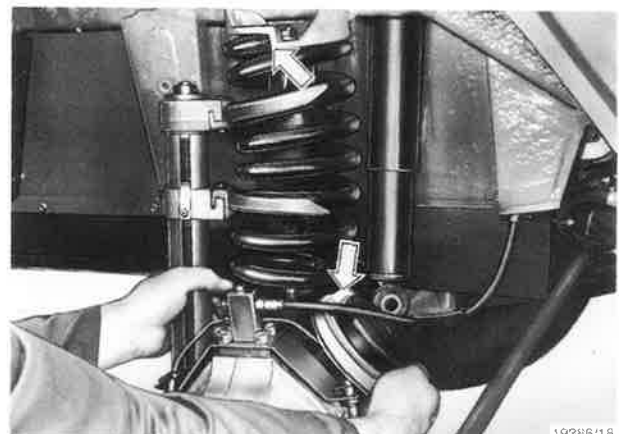


Fig. 1

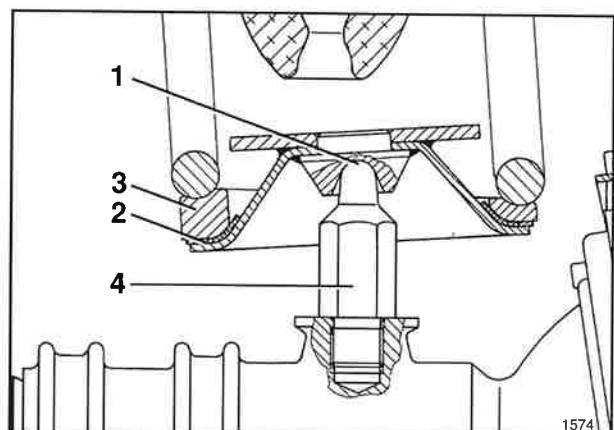


Fig. 2

4 Change spring support bolt to front coil spring

Includes:  
Changing, removing and fitting front coil spring see section 1/1-13

Tools:  
Torque spanner 3/4" 75-400 Nm standard

Removing:

- 1 Remove coil spring see section 1/1-6.
- 2 Remove spring support bolt (1).

Fitting:

**NOTE:** For balancing coil spring tolerances as well as for achieving optimum resilient properties five spring support bolts of different lengths are applied. When changing bolts observe respective length and classifying number of marking grooves (2).

- 3 Smear spring support bolt thread with Loctite-Anti-Seize, screw in and tighten to 200 Nm (3).
- 4 Fit coil spring see section 1/7-13.

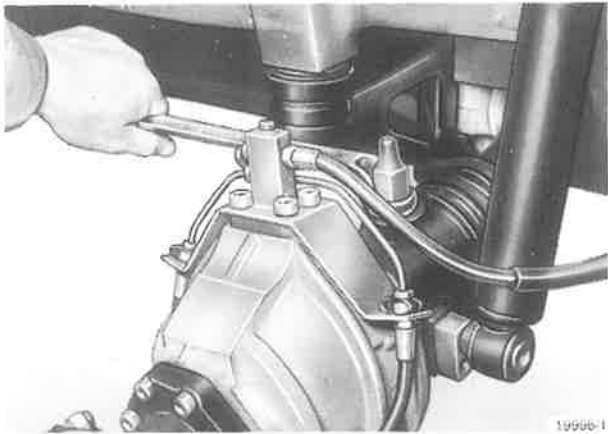


Fig. 1

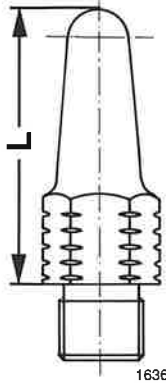
	spring support bolts	
	length in mm	number of marking grooves
	61.5	1
	64	2
	66.5	3
	69	4
	72	5

Fig. 2

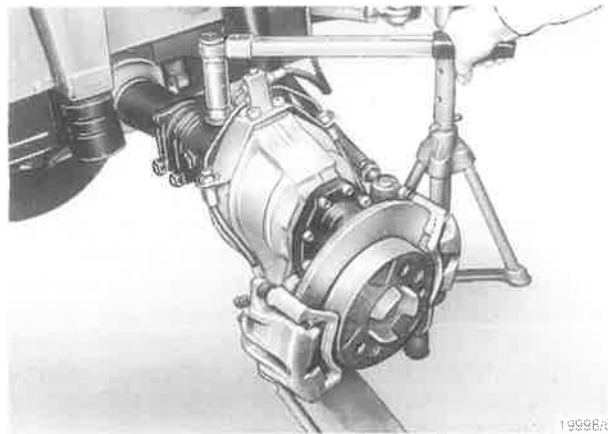


Fig. 3

## 5 Change, remove and fit coil spring of rear axle model 716

Tools:

Torque spanner 3/4"

75-400 Nm

standard

Removing:

- 1 Lift vehicle with jack at axle housing until wheels just clear of the ground (1).
- 2 Place resting trestles under fenders and lower vehicle.

**NOTE:** Use suitable support (felt e.g.) at fenders in order to avoid damage to varnish.

- 3 Unscrew wheel or wheels resp.

**NOTE:** Lift off wheels from centering (2/1) at brake disk in order not to distort splash guard (2/2).

- 4 Screw out spring support bolt (3/1) by 15-20 mm. Support wheel drive with movable jack. Loosen nut to bottom shock absorber retaining screw (3/3) and pull out screw. Lower jack or wheel drive resp. Screw out spring support bolt and remove coil spring with spring retainer and top centering ring together with spring pads.

**NOTE:** Do not position jack under brake disk in order not to distort splash guard.

Fitting:

**NOTE:** Corresponding to the rear axle load of the respective vehicle model (716 M or 716 K), coil springs marked with different colours are built in differing with regard to length and wire dia. As there are tolerances from manufacturing, springs are grouped into 3 classes acc. to their resilience and marked at the spring outer dia by one, two or three colour lines. Taking this into account coil springs must be mounted on both sides with the same marking. Therefore change coil springs if possible only in pairs and observe the settling state of the remaining spring resp.

model 716 M  
wire dia =  
15.46 mm

model 716 K  
wire dia =  
16 mm

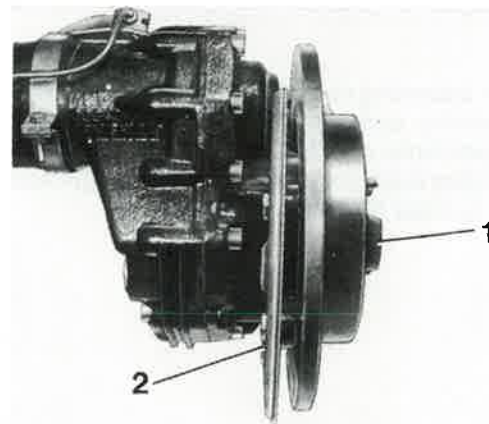
1 line - blue  
2 lines - blue  
3 lines - blue

1 line - red and 1 line white  
2 lines - red and 1 line white  
3 lines - red and 1 line white



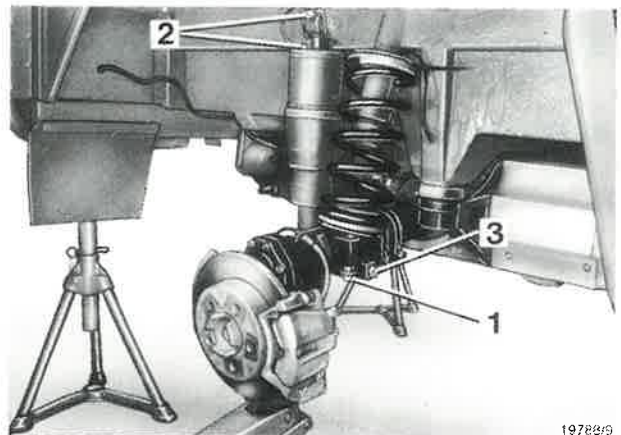
19785/2

Fig. 1



19.028/4

Fig. 2



19788/9

Fig. 3



- 5 Insert coil spring (4). Take care to insert two spring pads (4/2-rubbers) each between centering rings (4/3) and spring retainers (4/1). Before inserting fill ball-shaped cavity in bottom spring retainer (centering of spring support bolt) with Molykote Longterm No. 2. Smear spring support bolt thread with Loctite-Anti-Seize and screw in. Align centering rings so that spring ends are resting at stop (4/4).

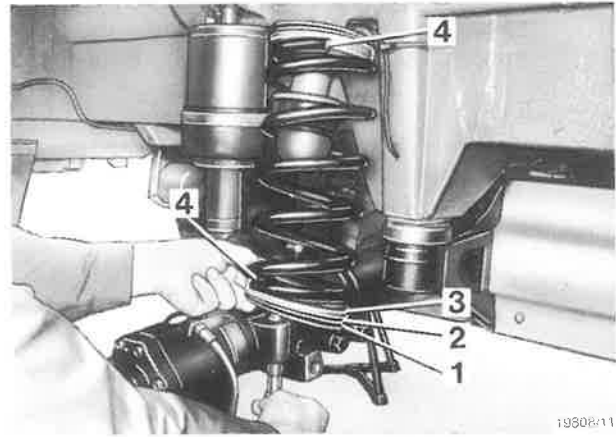


Fig. 4

- 6 Smear shock absorber retaining screw along whole length with Loctite-Anti-Seize. Align shock absorber so that distance sleeve (5/1) pressed into absorber is pointing to wheel drive. Lift wheel drive with movable jack and insert screw with screw head pointing forward. Attach washer (5/2) and nut (5/3).

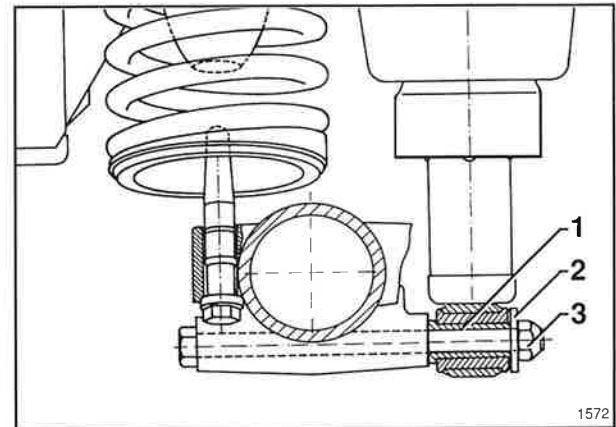


Fig. 5

- 7 Tighten shock absorber while half-axle being in horizontal position to 200 Nm (6).

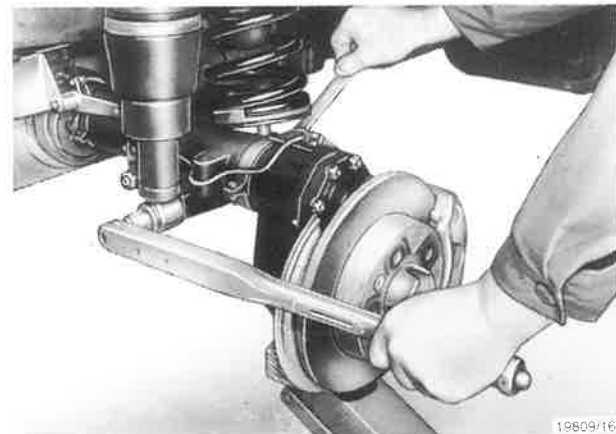


Fig. 6

- 8 Lower wheel drive and pull out jack. Tighten spring support bolt (7) to 200 Nm.
- 9 Fit wheel or wheels resp.
- 10 Put vehicle on wheels and tighten wheel bolts or ball collar screws resp. to 200 Nm.

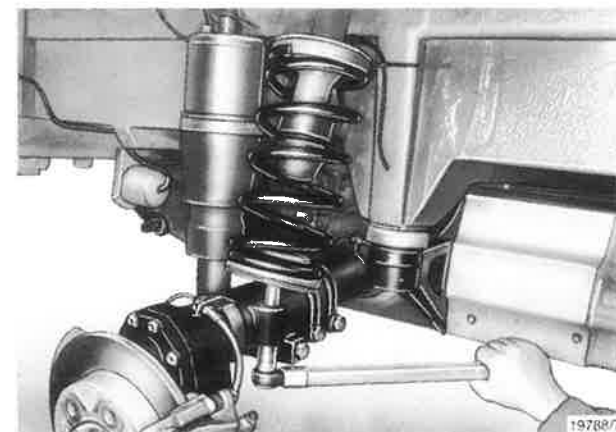


Fig. 7

## 6 Change, remove and fit hollow rubber suspension to rear coil spring model 716

Includes:

Changing, removing and fitting coil springs of rear axle model 716 see section 5/1-10

Removing:

- 1 Remove coil spring(s) see section 5/1-4.
- 2 Insert hexagon-socket offset screw key, size 10, into hollow rubber suspension (1/1) and cheese head screw resp. and unscrew with spring retainer (1/2).

Fitting:

- 3 Smear cheese head screw (2/2) thread with Loctite-Anti-Seize. Grease screw head outside with silicon paste and insert screw into hollow rubber suspension (2/3).
- 4 Fit hollow rubber suspension with spring retainer(2/1).
- 5 Fit coil spring(s) see section 5/5-10.

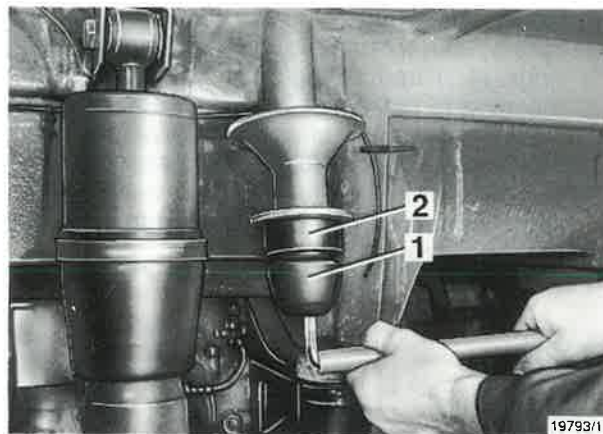


Fig. 1

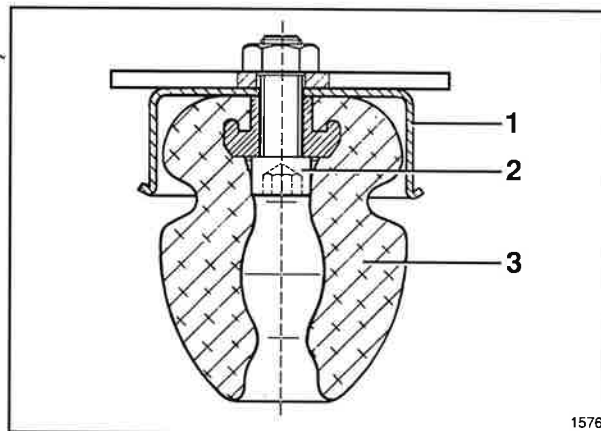


Fig. 2

## 7 Change bottom spring retainer of rear coil spring model 716

Includes:

Changing, removing and fitting coil spring of rear axle model 716 see section 5/1-10

## 8 Change, remove and fit leaf spring model 718

### Tools:

Bitholder socket spanner	905.0.15.008.1
Screwdriver bit size 6	905.0.15.009.1
Torque spanner 1/2"	
25-130 Nm	001 589 66 21 00
Torque spanner 3/4"	
75-400 Nm	standard

### Removing:

- 1 Lift vehicle with jack at axle housing of second rear axle until wheels of double axle just clear of the ground (1).

- 2 Place resting trestles under bumpers and lower vehicle.

**NOTE:** Use suitable support (felt e.g.) at fenders in order to avoid damage to varnish.

- 3 Screw out both spring support bolts to leaf spring by approx. 20 mm (2).

- 4 Remove spring U-bolt (3).

- 5 Remove leaf spring with spring tension plate (3/1) as well as top (3/2) and bottom (3/3) distance plate from spring bracket.

- 6 Clamp leaf spring into vice, insert suitable wedge (4/1) between 3<sup>rd</sup> and 4<sup>th</sup> spring leaf and open spring leaves as far as possible.

- 7 Unscrew spring seat (4/2). If necessary, lift off spring seat with a flat chisel.

**NOTE:** Clean well hexagon socket of screws because of small penetration depth of screw key.

### Checking:

- 8 Check spring seat and spring support bolt in wheel drive housing is servicable (visual check).



Fig. 1

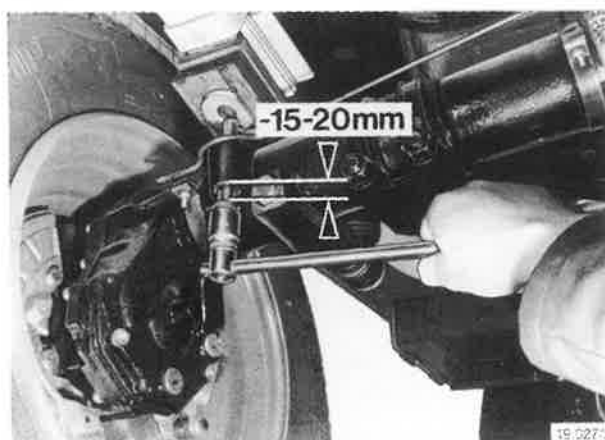


Fig. 2

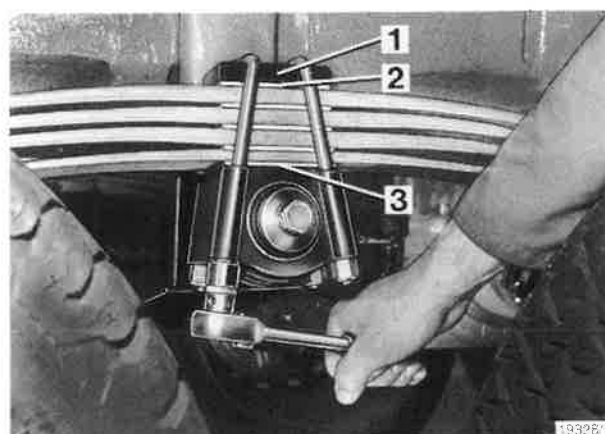


Fig. 3

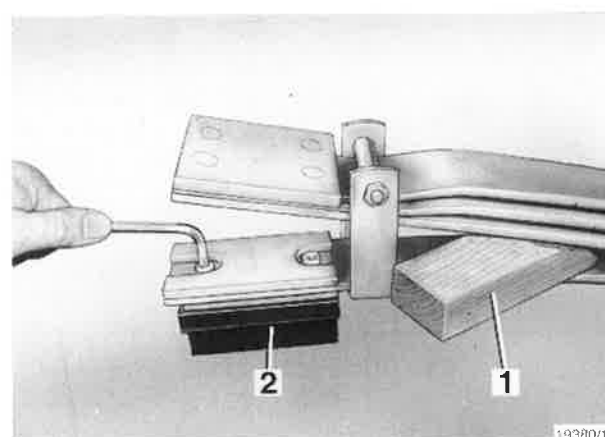


Fig. 4

Fitting:

- 9 Open new leaf spring as described in step 6.
- 10 Smear thread of spring seat retaining screws with Loctite-Anti-Seize and mount spring seat. Tighten screws with bitholder socket spanner special tool pos. no. 905.0.15.008.1 and screwdriver bit, size 6, special tool pos. no. 905.0.15.009.1 to 35 Nm (5).
- 11 Smear ball-shaped cavity of supporting shell in spring seat as well as centering collar of spring center bolt with Molykote Longterm No. 2.
- 12 Put on distance plate (3/3) at spring bracket. Insert leaf spring and centering collar of spring center bolt resp. into spring bracket. Put on top distance plate (3/2) and spring tension plate (3/1) with spring U-bolt. Apply Loctite 242 to hexagon nut thread, mount and tighten to 75 Nm (6).
- 13 Tighten spring support bolt to 200 Nm (7).
- 14 Put vehicle on wheels.

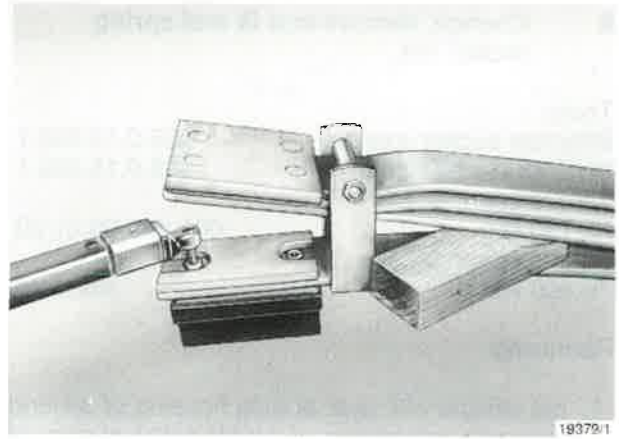


Fig. 5

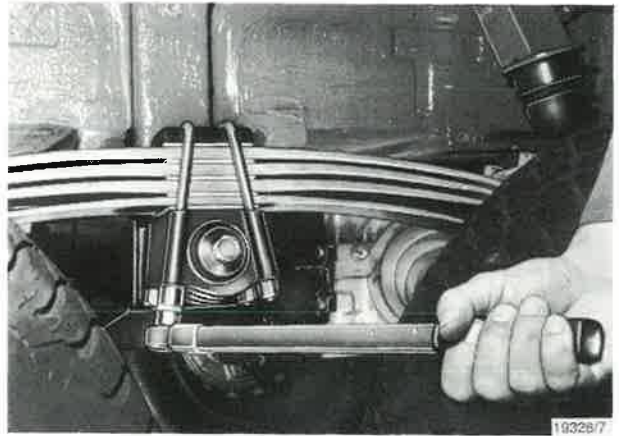


Fig. 6



Fig. 7

## 9 Change spring seat model 718

### Includes:

Changing ultra bush in spring bracket see section 11/1-6,10-14

### Tools:

Bitholder socket spanner	905.0.15.008.1
Screwdriver bit, size 6	905.0.15.009.1

### Removing:

- 1 Remove leaf spring see section 11/1-6.
- 2 Clamp leaf spring into vice. Insert suitable wedge (1/1) between 3<sup>rd</sup> and 4<sup>th</sup> spring leaf and open spring leaves as far as possible.
- 3 Unscrew spring seat (1/2). If necessary, lift off spring seat from spring leaf with a flat chisel.

**NOTE:** Clean well hexagon socket of screws because of small penetration depth of screw key.

### Checking:

- 4 Check spring support bolt in wheel drive housing is servicable (visual check).

### Fitting:

- 5 Smear thread of spring seat retaining screws with Loctite-Anti-Seize and mount spring seat. Tighten screws with bitholder socket spanner special tool pos. no. 905.0.15.008.1 and screwdriver bit, size 6, special tool pos. no. 905.0.15.009.1 to 35 Nm (2).
- 6 Carry out further steps acc. to section 11/10-14.

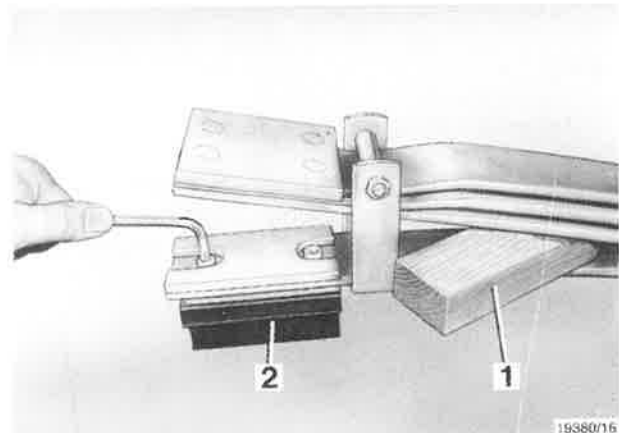


Fig. 1

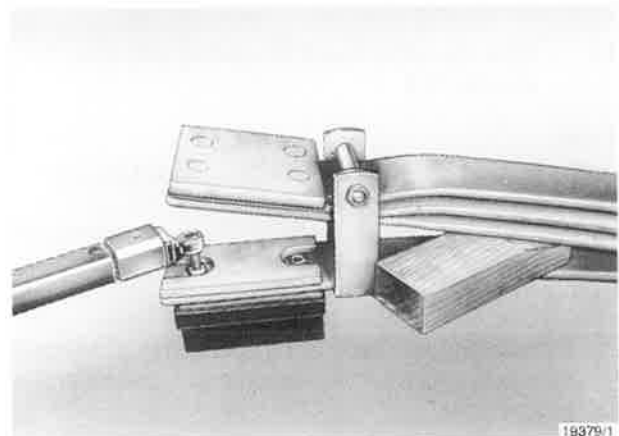


Fig. 2

## 10 Change supporting shell in spring seat model 718

Includes:

Changing spring seat see section 9/1-3, 5 and 6

Removing:

- 1 Remove spring seat (1/1) see section 9/1-3.
- 2 Press out supporting shell (1/2) with suitable drift punch (1/3) - dia 10 mm.

Checking:

- 3 Check spring seat and spring support bolt in wheel drive housing are servicable (visual check).

Fitting:

- 4 Remove Loctite residues in spring seat.
- 5 Put spring seat (2/1) onto suitable drift punch (2/2) - dia 30-34 mm. Apply Loctite 270 outside to supporting shell (2/3) and press in until stop.
- 6 Fit spring seat see section 9/5-6.

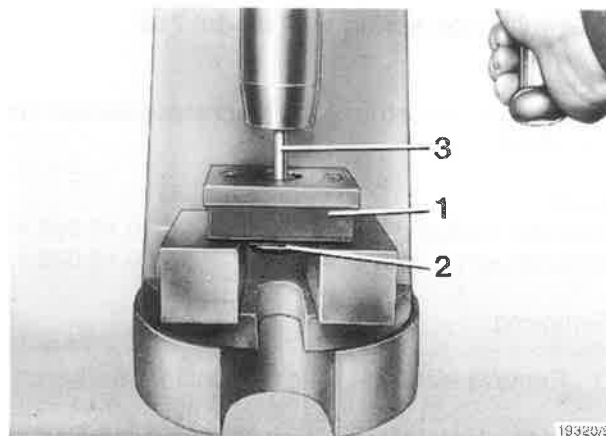


Fig. 1

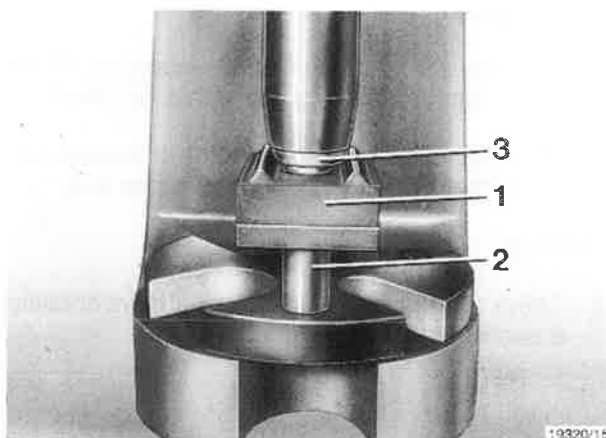


Fig. 2

## 11 Change ultra bush in spring bracket model 718

Tools:

Press-in and -out tool 905.3.33.305.1  
Torque spanner 3/4" 75-400 Nm standard

Removing:

- 1 Lift vehicle with jack at axle housing of second rear axle until wheels of double axle just clear the ground (1).
- 2 Place resting trestles under fenders and lower vehicle.

**NOTE:** Use suitable support (e.g. felt) at fenders in order to avoid damages to varnish.

- 3 Unscrew front or rear wheel of double axle.

**NOTE:** Lift off wheel from centering (2/1) at brake disk in order not to distort splash guard (2/2).



Fig. 1

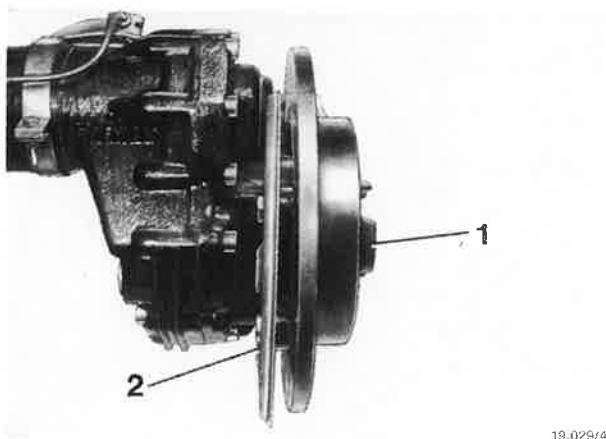


Fig. 2

- 4 Screw out both spring support bolts (3/1) to leaf spring by abt. 20 mm.
- 5 Loosen hexagon screw (3/2) to spring bracket and remove with disk (3/3).
- 6 Pull off leaf spring from bearing neck at short carrier tube.

**NOTE:** Compress spring ends in order not to damage brake pipes.

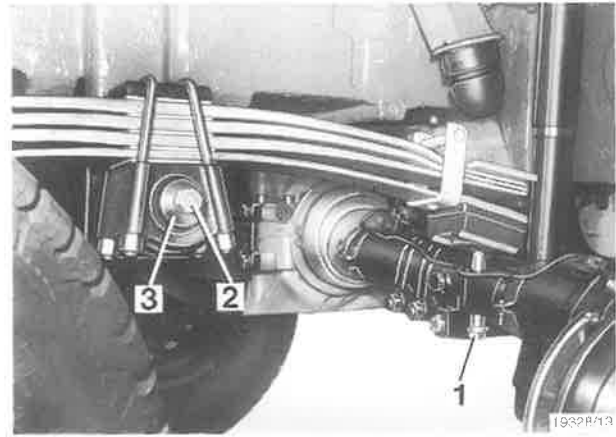


Fig. 3

- 7 Press out ultra bush (4/1) with press-in and -out tool (4/2) special tool pos. no. 905.3.33.305.1.

Checking:

- 8 Check spring seat and leaf spring are servicable (visual check).

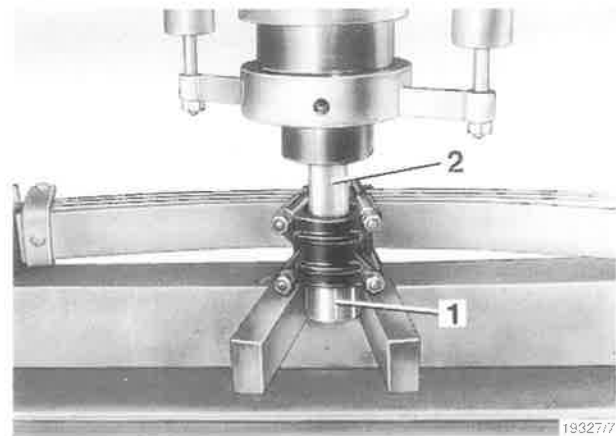


Fig. 4

Fitting:

- 9 Oil bore in spring bracket and bush outer surface. Press in bush (5/1) with bevelled side first and flush with spring bracket (5/3) using press-in and -out tool (5/2) special tool pos. no. 905.3.33.305.1.
- 10 Smear bearing neck at short carrier tube as well as ball-shaped cavity of supporting shell in spring seat with Molykote Longterm No. 2.
- 11 Slip on leaf spring and spring bracket resp. and mount hexagon screw with disk, but do not tighten yet.
- 12 Tighten both spring support bolts to 200 Nm (6).
- 13 Fit wheel and put vehicle on wheels.

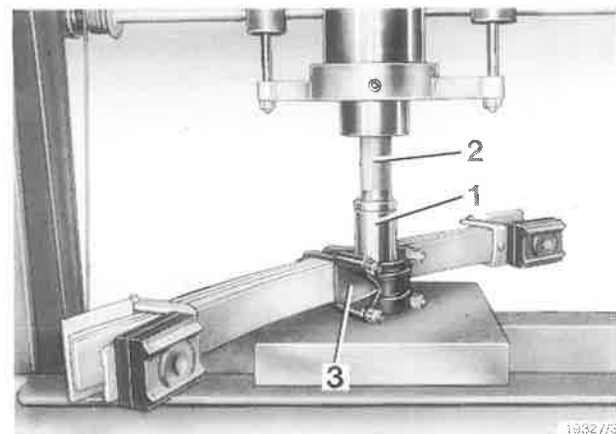


Fig. 5



Fig. 6



- 14 Tighten hexagon screw (7) to spring bracket to 160 Nm, wheel bolts or ball collar screws resp. to 200 Nm.



Fig. 7

## 12 Change rear hollow rubber suspension model 718

Removing:

- 1 Lift vehicle with jack at axle housing of second rear axle until wheels of double axle just clear of the ground (1).
- 2 Place resting trestles under bumpers and lower vehicle.

**NOTE:** Use suitable support (felt e.g.) at fenders in order to avoid damages to varnish.



Fig. 1

- 3 Insert hexagon-socket offset screw key, size 10, into hollow rubber suspension (2/1) and cheese head screw resp. and screw off with spring retainer (2/2).



Fig. 2

Fitting:

- 4 Smear cheese head screw (3/2) thread with Loctite-Anti-Seize. Grease screw head outside with silicon paste and insert screw into hollow rubber suspension (3/3).
- 5 Fit hollow rubber suspension with spring retainer (3/1).
- 6 Put vehicle on wheels.

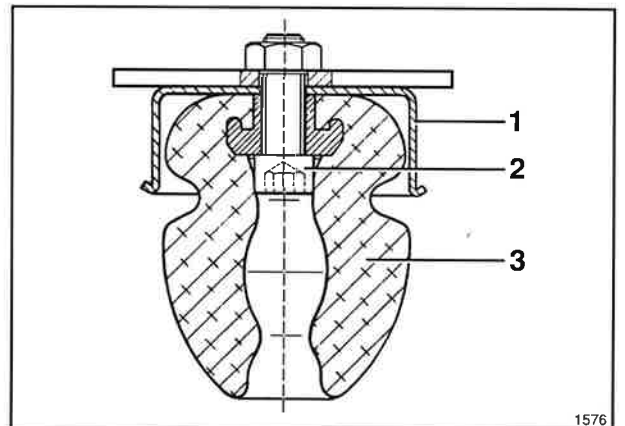


Fig. 3



## 13 Change spring support bolt to leaf spring model 718

### Tools:

Torque spanner 3/4"

75-400 Nm

standard

### Removing:

- 1 Lift vehicle with jack at axle housing of second rear axle until wheels of double axle are without ground contact (1).
- 2 Place resting trestles acc. to demand right or left, under fenders and lower vehicle.

**NOTE:** Use suitable support (felt e.g.) at fenders in order to avoid damages to varnish.

- 3 Screw out respective spring support bolt and check spring seat (2/1) and supporting shell (2/2) resp. for wear (visual check).

### Fitting:

- 4 Clean ball-shaped cavity of supporting shell and smear with Molykote Longterm No. 2.
- 5 Smear spring support bolt thread with Loctite-Anti-Seize, screw in and tighten to 200 Nm (3).
- 6 Put vehicle on wheels.



Fig. 1

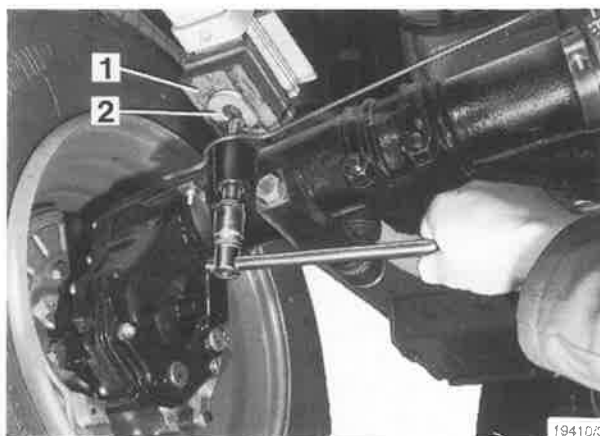


Fig. 2

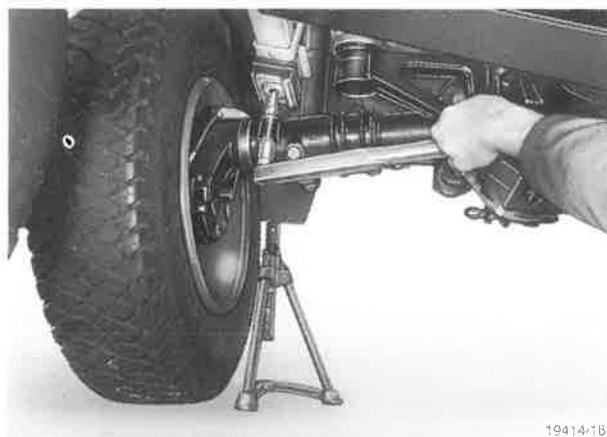


Fig. 3

## 14 Change, remove and fit shock absorber right front

### Tools:

Torque spanner 3/4"

75-400 Nm

standard

### Removing:

- 1 Loosen top retaining screw at bracket in engine room from below (1).
- 2 Loosen bottom retaining screw at axle ball head and remove shock absorber.

### Fitting:

- 3 Check intermediate piece (2/6) for correct position.
- 4 Smear thread and shaft of retaining screws with Loctite-Anti-Seize and mount shock absorber (2/2). For easier mounting insert top screw (2/1) with screw head pointing forward, bottom screw (2/4) pointing backward. Distance sleeves (3/1) pressed into absorber must point backward seen in driving direction. On top only attach nut, washer (3/2) and nut below.

- 5 Tighten top and bottom retaining screw (3 - left side being shown) to 200 Nm.

**NOTE:** When tightening bottom screw axle must be in extended position.



Fig. 1

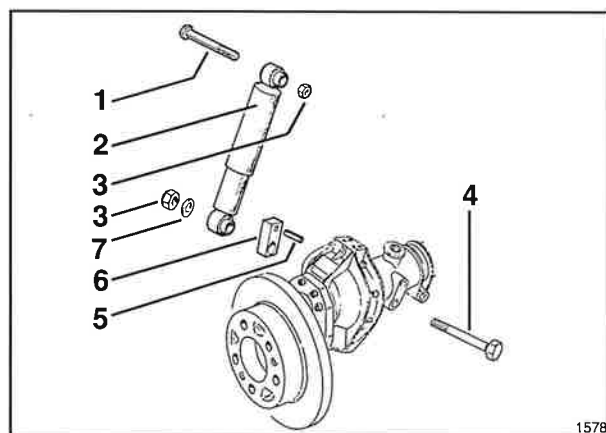


Fig. 2

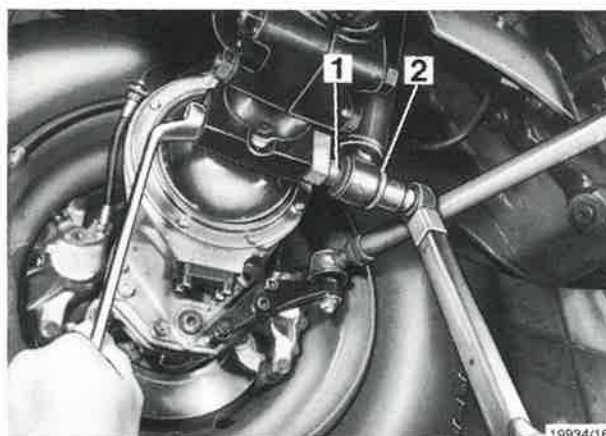


Fig. 3

## 15 Change, remove and fit shock absorber left front

Includes:

Removing and fitting driver's seat see group 171/section \*\*\*/1-5 and 8

Removing engine cover left-side and maintenance cover see group 171

Tools:

Torque spanner 3/4"

75-400 Nm

standard

Removing:

- 1 Remove driver's seat see group 171/section \*\*\*/1-5.
- 2 Remove covering and engine cover (1/1).
- 3 Remove engine cover left-side with maintenance cover see group 171
- 4 Loosen top retaining screw at bracket in engine compartment while second man backs up from below.
- 5 Remove bottom retaining screw at axle ball head and remove shock absorber.

Fitting:

- 6 Check intermediate piece (2/6) for correct position.
- 7 Smear thread and shaft of retaining screws with Loctite-Anti-Seize and mount shock absorber (2/2). For easier mounting insert top screw (2/1) with screw head pointing forward, bottom screw (2/4) pointing backward. Distance sleeves (4/1) pressed into absorber must point backward seen in driving direction. On top only attach nut, washer (4/2) and nut below.
- 8 Tighten top (3) and bottom retaining screw (4) to 200 Nm.

**NOTE:** When tightening bottom screw axle must be in extended position.

- 9 Fit engine cover see group 171/section\*\*\*
- 10 Attach engine cover and covering.
- 11 Fit driver's seat see group 171/section\*\*\*/8.

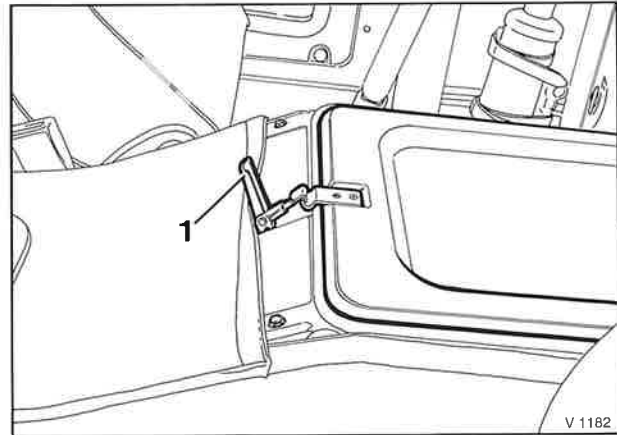


Fig. 1

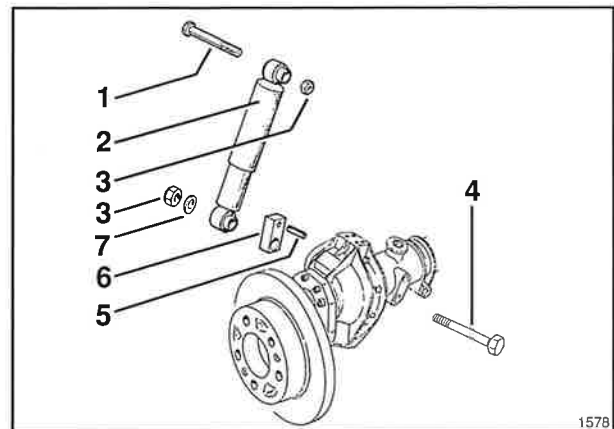


Fig. 2

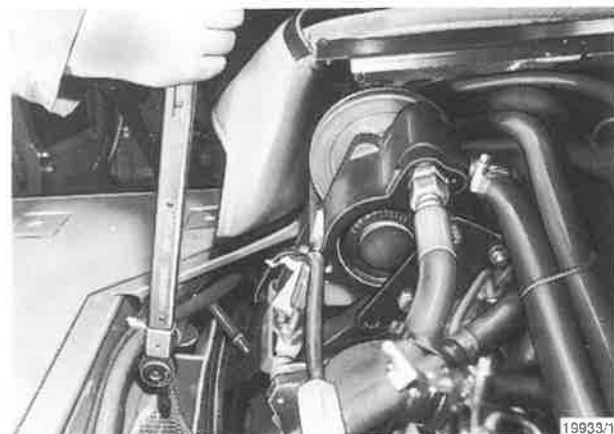


Fig. 3

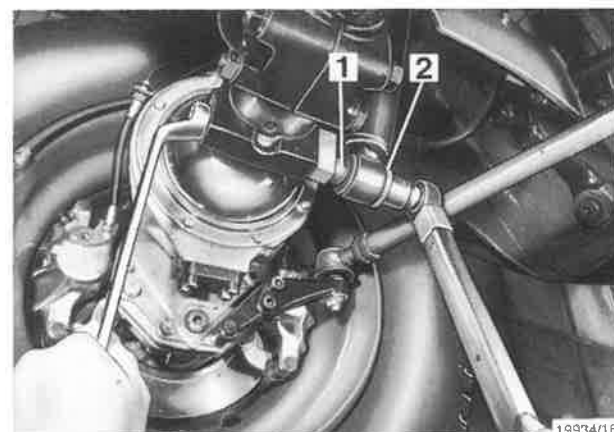


Fig. 4

## 16 Change, remove and fit shock absorber of rear axle model 716

Includes:

Checking function of level control see section \*\*\*

Tools:

Torque spanner 3/4"

75-400 Nm

standard

**NOTE:** When changing shock absorber using a mounting pit wheels need not to be removed.

Removing:

1 Lift vehicle with jack at axle housing of rear axle until wheels just clear of the ground (1).

2 Place resting trestles under bumpers and lower vehicle.

**NOTE:** Use suitable support (e.g. felt) at bumpers in order to avoid damages to paint finish.

3 Unscrew wheel or wheels resp.

**NOTE:** Lift off wheel from centering (2/1) at brake disk in order not to distort splash guard.

4 Lift wheel drive a bit with movable jack.

**NOTE:** Do not place jack under brake disk in order not to distort splash guard.

5 Loosen union nut (3/6) to pressure pipe (3/2).

6 Remove top (3/7) and bottom (3/8) shock absorber retaining screws and remove shock absorber.



Fig. 1

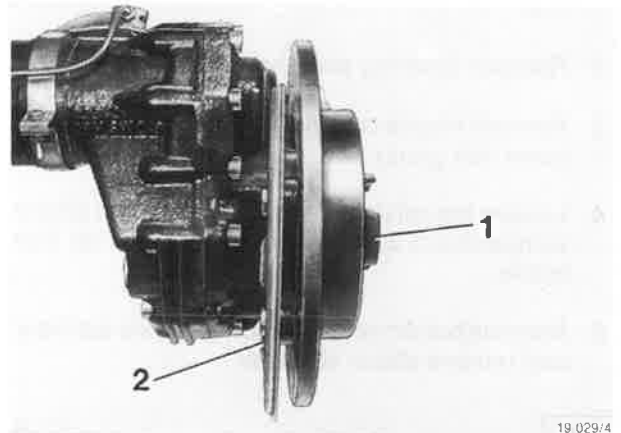


Fig. 2

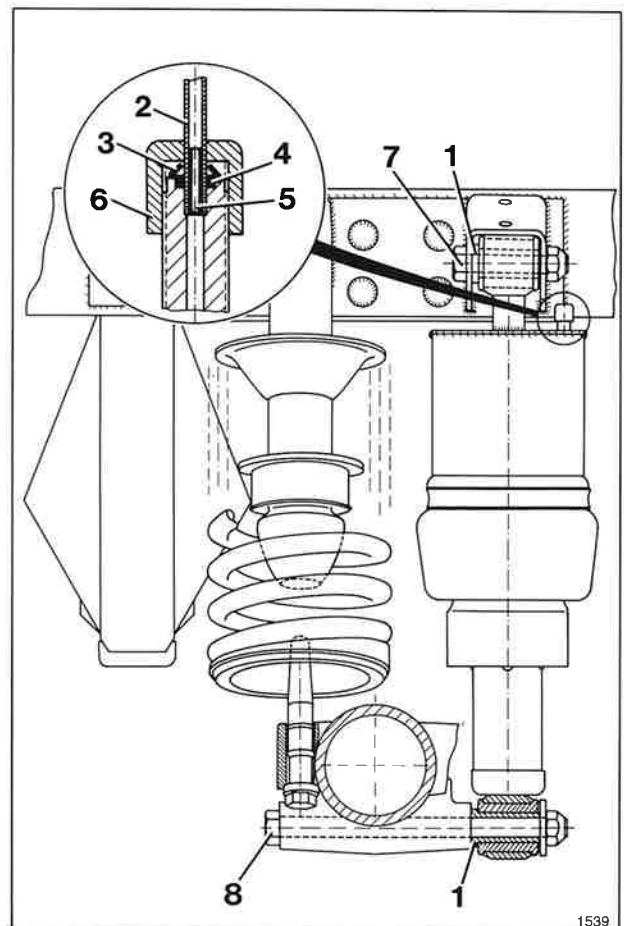


Fig. 3

## Fitting:

- 7 Insert shock absorber (4/1) into top bracket. Pressure connection (4/2) pointing backward and distance sleeves (3/1) pressed into shock absorber eyes pointing forward into wheel drive direction.
- 8 Smear retaining screws (3/7 and 3/8) along whole length with Loctite-Anti-Seize and insert with screw head pointing forward. On top only attach nut, washer and nut below.
- 9 Move half-axe into horizontal position by lifting wheel drive and tighten top (4) and bottom (5) retaining screw to 200 Nm.
- 10 Lower wheel drive and pull out jack.
- 11 Check sealing components of pressure pipe (3/2) to air suspension (clamping disk 3/3, O-ring 3/4 and end sleeve 3/5). Grease thread to union nut (3/6) at shock absorber slightly before connecting pressure pipe.
- 12 Fit wheel or wheels resp.
- 13 Put vehicle on wheels and tighten wheel bolts or ball collar screws resp. to 200 Nm.
- 14 Check function of level control see section \*\*\*/\*\*

## 17 Change, remove and fit shock absorber of rear axle(s) model 718

### Tools:

Torque spanner 3/4"

75-400 Nm

standard

### Removing:

- 1 Lift vehicle with jack at axle housing of rear axle until wheels just clear of the ground (1).
- 2 Place resting trestles acc. to demand right or left, under bumpers and lower vehicle.

**NOTE:** Use suitable support (e.g. felt) at bumpers in order to avoid damage to paint finish.

- 3 Unscrew respective wheel.

**NOTE:** Lift off wheel from centering (2/1) at brake disk in order not to distort splash guard (2/2).

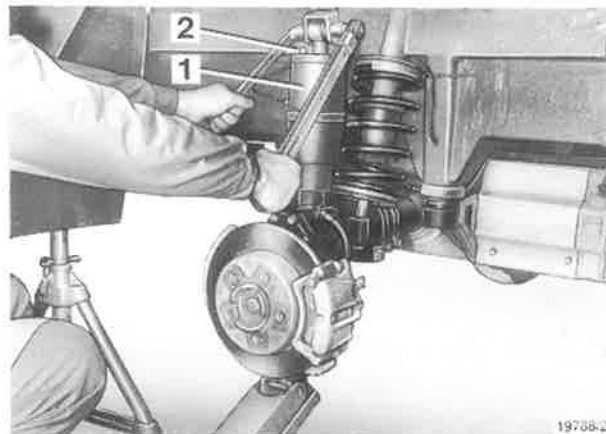


Fig. 4

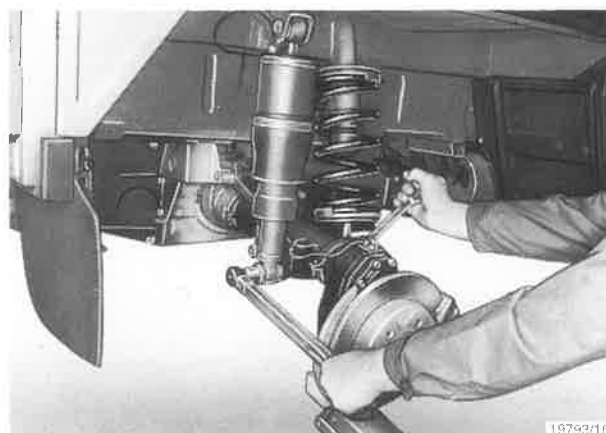


Fig. 5



Fig. 1

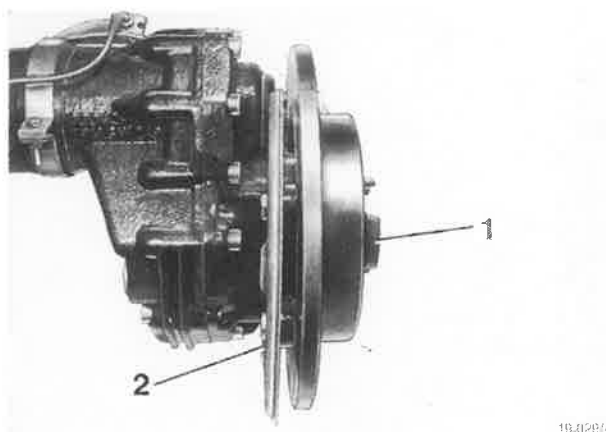


Fig. 2

- 4 Place movable jack under wheel drive housing and lift half-axle a bit.

**NOTE:** Do not place jack under brake disk in order not to distort splash guard.

- 5 Loosen top and bottom retaining screw and remove shock absorber.

Fitting:

- 6 Smear thread and shaft of retaining screws with Loctite-Anti-Seize.
- 7 Fit shock absorber acc. to fig. 3. Attach washer outside at bottom shock absorber eye.

**NOTE:** Regardless of the fact which shock absorber of the double axle is being changed, distance sleeves (3) pressed into absorber must always point to wheel drive housing.

- 8 Move half-axle into horizontal position by lifting wheel drive with jack. Tighten top and bottom retaining screw (4) to 200 Nm.
- 9 Fit wheel.
- 10 Put vehicle on wheels and tighten wheel bolts or ball collar screws resp. to 200 Nm.

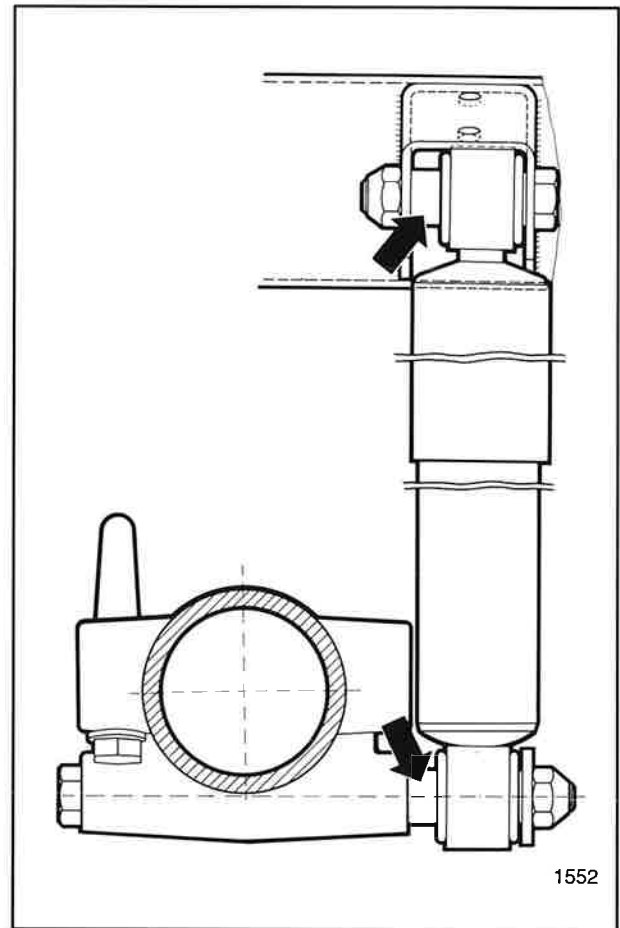


Fig. 3



Fig. 4