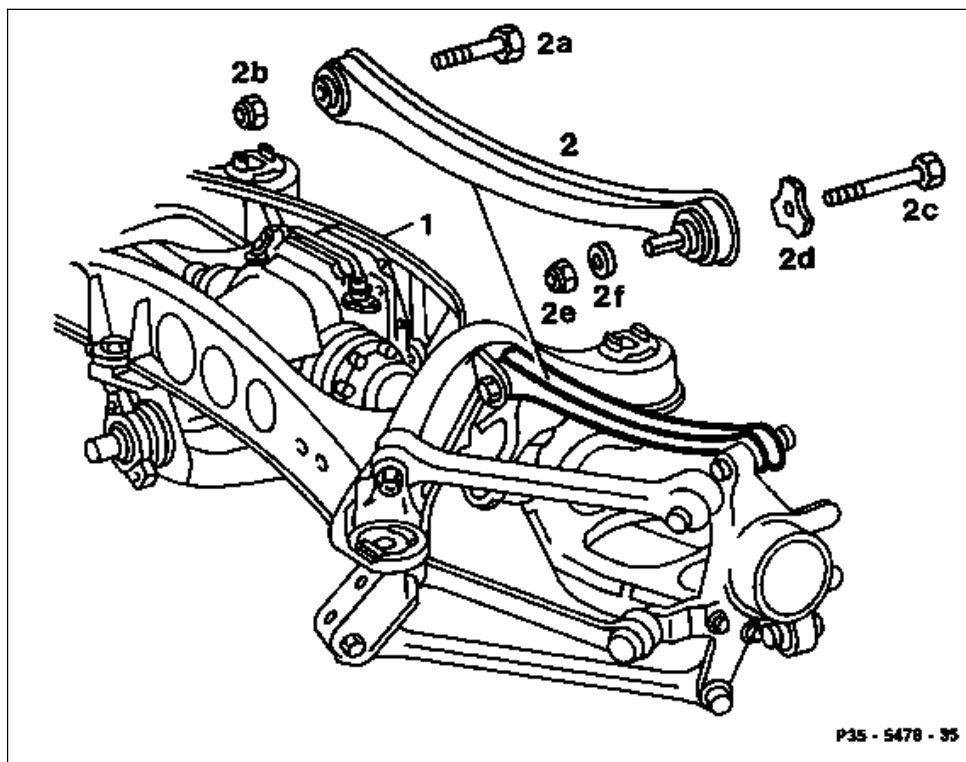


35-110 Removal and installation of camber strut

Preceding work:
Remove, install wheels 40-110.

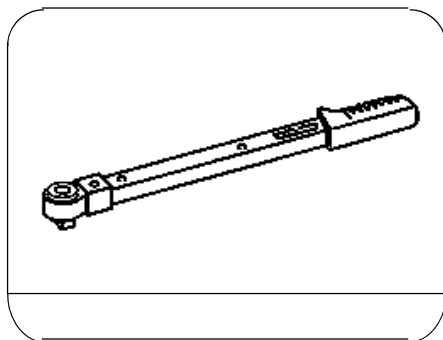
Operation no. of operation texts and work units
or standard texts and flat rates:
35-0044



P35-5478-35

- | | |
|---|---|
| Camber strut (2) on rear axle bracket | Unscrew, replace, screw on, self-locking hexagon nut (2b), 70 Nm, only tighten when the rear axle shaft is horizontal (number 1).
Torque wrench 001 589 66 21 00. |
| Camber strut (2) on wheel carrier | Unscrew, screw on self-locking hexagon nut (2e) (number 2). Remove hexagon bolt (2c), shaped washer (2d), washer (2f) and hexagon nut (2e) and replace. Press tensioning sleeves out of wheel carrier, remove camber strut (number 3, 4). Only tighten hexagon nut when rear axle shaft is horizontal, 45 Nm. Torque wrench 001 589 66 21 00. |
| Rubber mount..... | Check for damage, replace camber strut if required (number 5). |

Special tools



001 589 66 21 00

Note

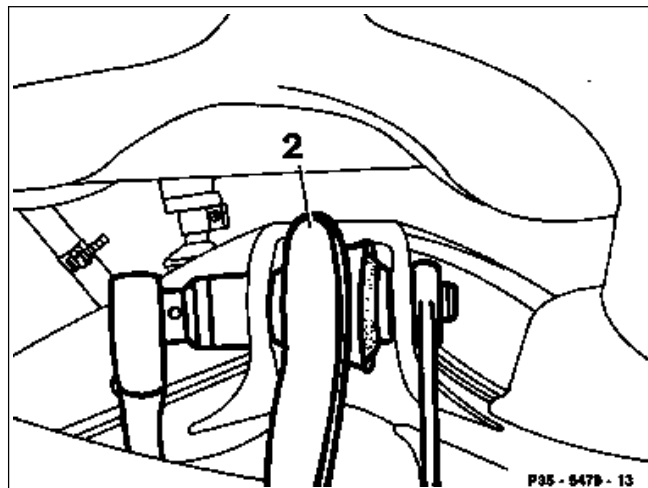
The rubber mounts of the camber strut cannot be replaced individually. The camber strut is only available as a replacement part with rubber mount. The mounts can be removed or installed when the rear axle is installed.

Removal, installation

- 1 Loosen self-locking hexagon nut of camber strut (2) on rear axle bracket. Remove hexagon bolt.

Installation note

Replace hexagon nut and hexagon bolt. Before tightening, position the rear axle shaft horizontally. Tightening torque 70 Nm. Torque wrench 001 589 66 21 00.



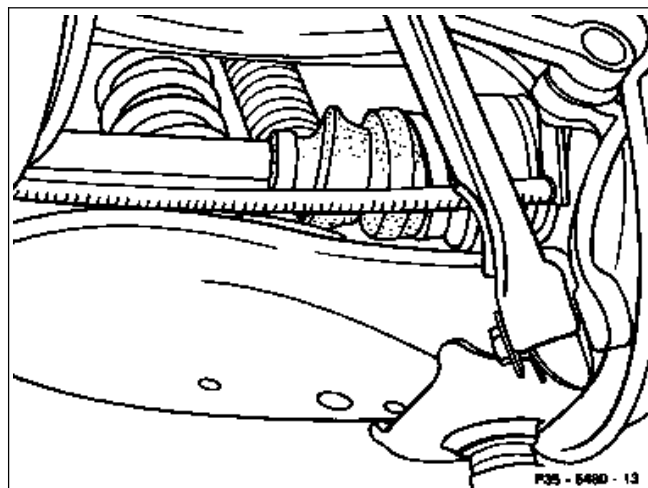
P35 - 5479 - 13

P35-5479-13



When raising one side of the rear axle until the rear axle shaft is horizontal, ensure that the vehicle does not lift off the supporting surface of the hoist - risk of accident.

If necessary, load up the trunk.



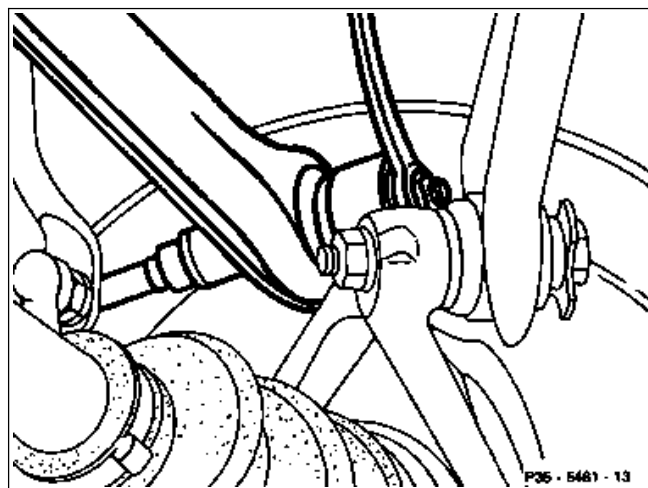
P35-5480-13

- 2 Loosen self-locking hexagon bolts on the wheel carrier. Remove hexagon nut, hexagon bolt, shaped washer and washer.

Installation note

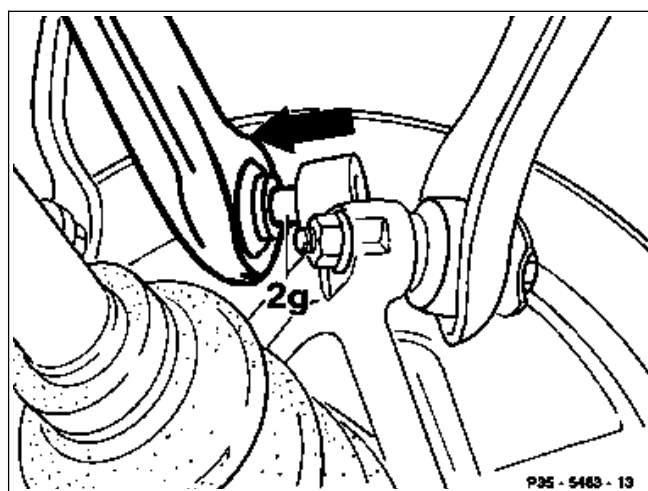
Replace hexagon nut, hexagon bolt and shaped washer. The rear axle shaft should be horizontal before tightening. Tightening torque 45 Nm.

Torque wrench 001 589 66 21 00.



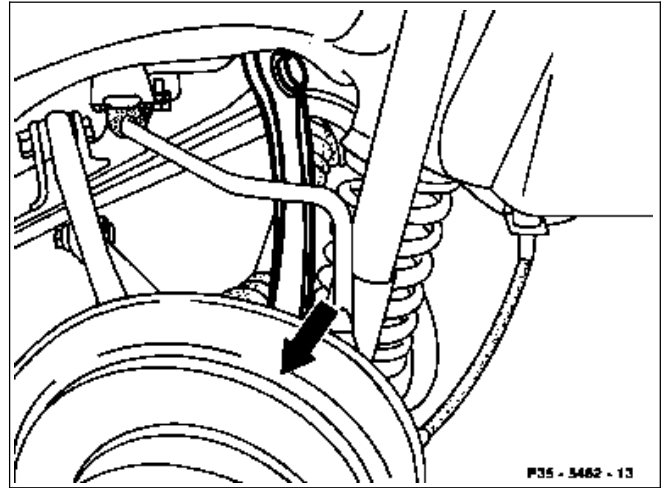
P35-5481-13

- 3 Press tensioning sleeve (2g) out of wheel carrier (arrow).



P35-5483-13

- 4 Press camber strut upwards out of rear axle bracket mounting, press wheel carrier outwards slightly (arrow), remove camber strut downwards.



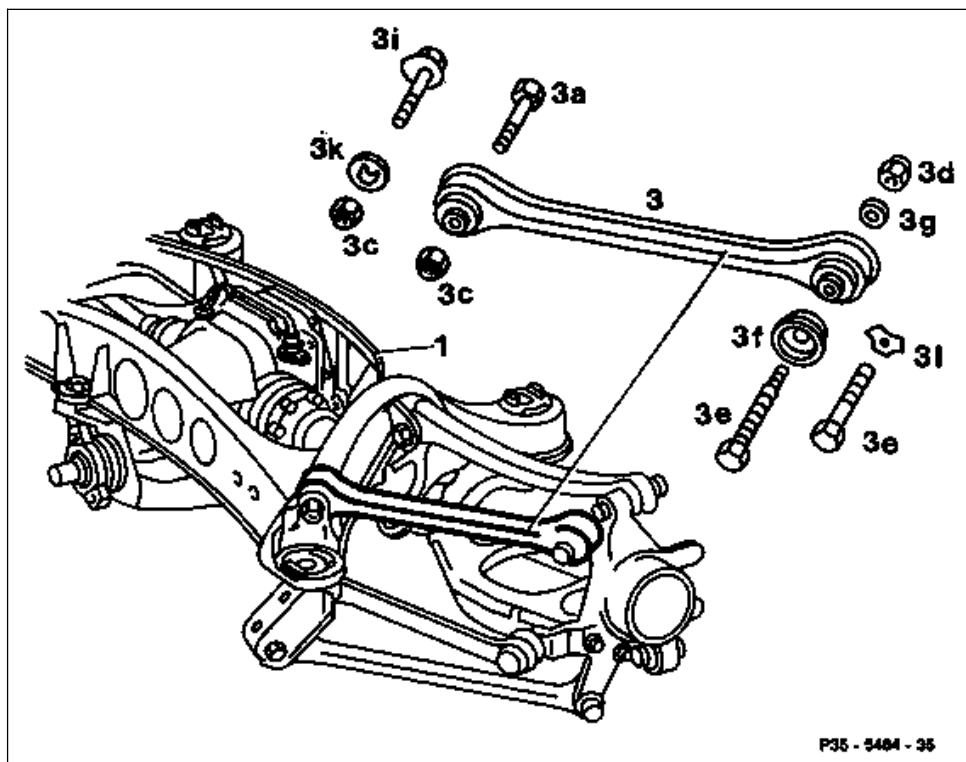
P35-5482-13

- 5 Check rubber mount, replace camber strut complete in the event of damage.
- 6 Install in reverse sequence.

35-111 Removal and installation of torque strut

Preceding work:
Remove, install wheels 40-110.

Operation no. of operation texts and work units
or standard texts and flat rates:
35-0047 35-0048 35-0049



P35-5484-35

Note

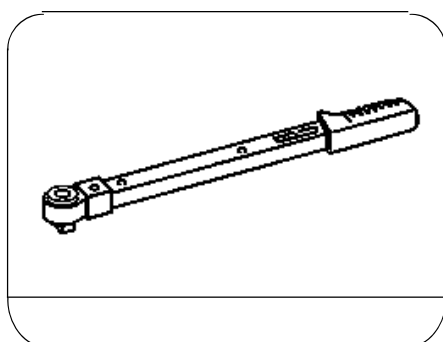
On vehicles up to 03/86, the position of the eccentric bolt (3i) must be marked in relation to the rear axle bracket before the hexagon nut is loosened. Remove hexagon nut (3c) and eccentric disk (3k), replace (number 1).

As of 04/86, the eccentric adjustment has been dispensed with, due to rationalization.

Torque strut (3) on rear axle bracket	Loosen, replace, tighten self-locking hexagon nut (3c). 70 Nm or 50 Nm when using the special ring wrench 201 589 00 03 00. Remove hexagon bolt (3a). Only tighten when rear axle shaft is in horizontal position. On vehicles up to 03/86, the markings of the eccentric bolt of rear axle bracket must be noted (number 2). Torque wrench 001 589 66 21 00.
---	---

Torque strut (3) on wheel carrier	Loosen, tighten self-locking hexagon nut (3d). Remove hexagon bolt (3e), shaped washer (3f, 3i up to 03/86 or 3i) and remove washer (3g). If fitted, press tensioning sleeve out of wheel carrier (up to 08/86). Replace self-locking hexagon nut (3d), M10 x 1 = 45 Nm, M12 x 1.5 = 70 Nm. (numbers 3, 4, 4a). Only tighten self-locking hexagon nut when rear axle shaft is horizontal. Torque wrench 001 589 66 21 00 Special ring wrench 201 589 00 03 00.
Inclination of wheel carrier and toe-in	Check, on vehicles up to 03/86 (number 6).
Torque strut rubber mount	Check, replace torque strut complete in event of damage.

Special tools



001 589 66 21 00

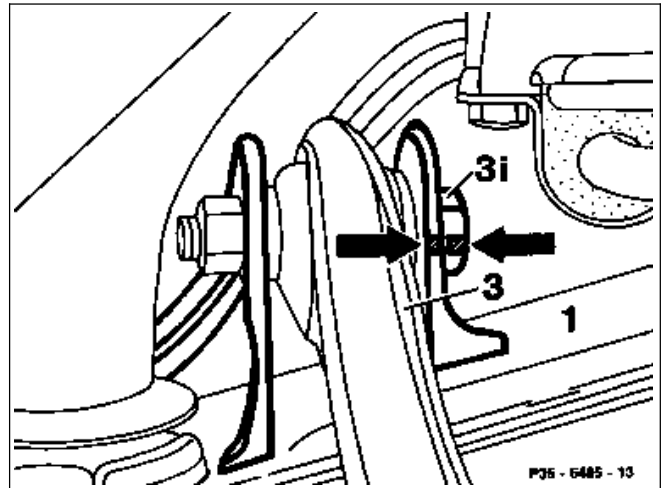
Note

The rubber mounts of the torque strut are not to be replaced individually. The torque strut is only available as a special part with rubber mount.

The torque strut can be removed or installed when the rear axle is installed.

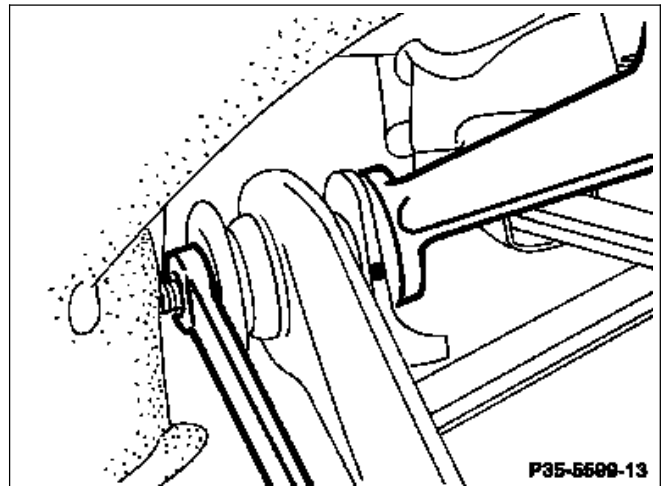
Removal, installation

- 1 On vehicles up to 03/86, the position of the eccentric bolt (3i) to the rear axle bracket (1) must be marked (arrows).



P35-5485-13

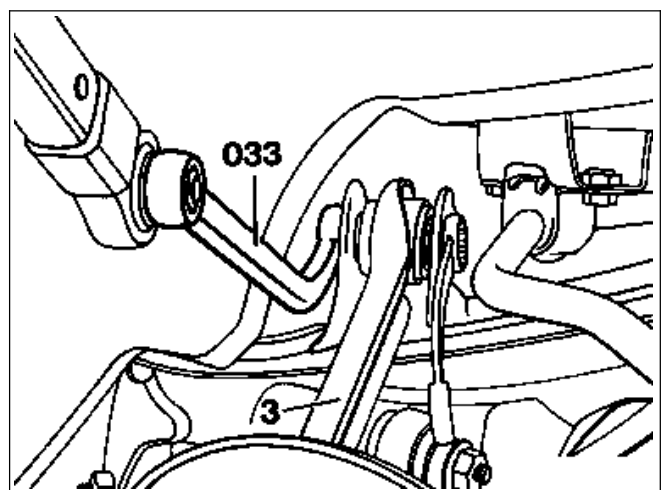
- 2 Unscrew self-locking hexagon nut on rear axle bracket. Press wheel carrier forwards, release load. Remove hexagon bolt or eccentric bolt with eccentric washer and hexagon nut.



P35-5599-13

Installation note

Replace self-locking hexagon nut. Before tightening, the rear axle shaft should be horizontal. On vehicles with eccentric bolt, it should be ensured that the markings of the eccentric bolt to the rear axle bracket align. Tightening torque 70 Nm or 50 Nm when using the special ring wrench (033) 201 589 00 03 00. Torque wrench 001 589 66 21 00

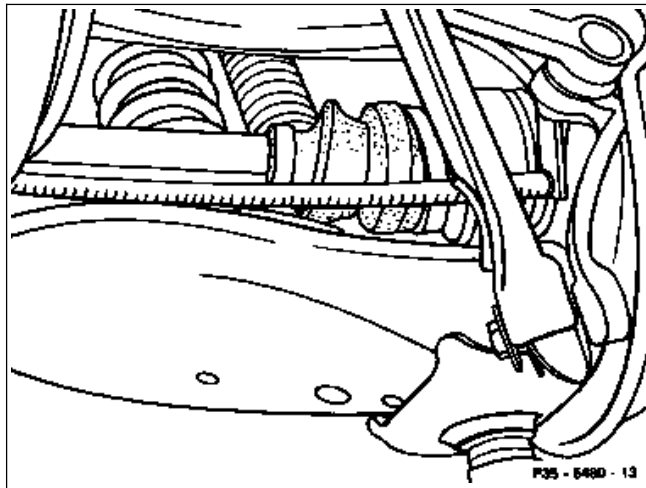


P35-2009-13



When raising one side, ensure that the vehicle does not lift off the supporting surface of the hoist - risk of accident.

If necessary, load up the trunk.



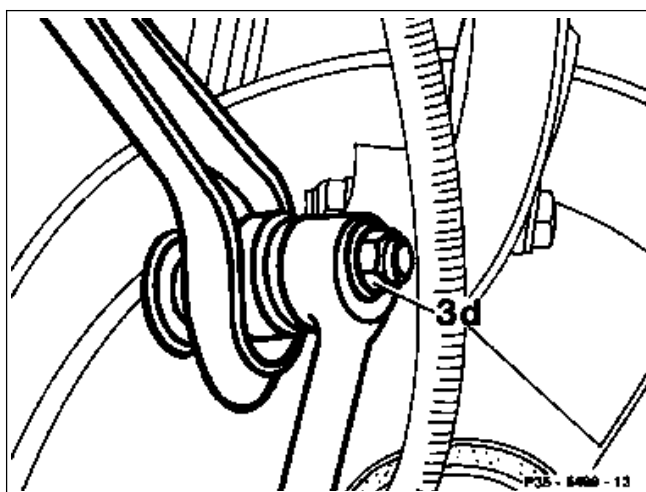
P35-5480-13

- 3 Unscrew self-locking hexagon nut (3d) on wheel carrier and remove with washer.

Installation note

Replace hexagon nut. Tighten when rear axle shaft is horizontal, refer to table for tightening torques.

Torque wrench 001 589 66 21 00.



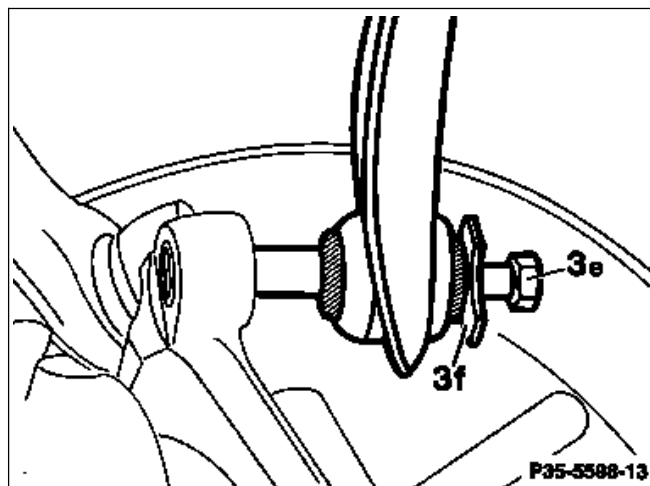
P35-5488-13

Tightening torques

Model	Hexagon bolt M10×1	Hexagon bolt M12×1.5
201 up to 08/86 except 201.03	45 Nm	-
Model 201.03	-	70 Nm
Model 124 and 201 as of 09/86	-	70 Nm

- 4 Remove hexagon bolt (3e) with shaped washer (3f) and press torque strut with tensioning sleeve out of wheel carrier.

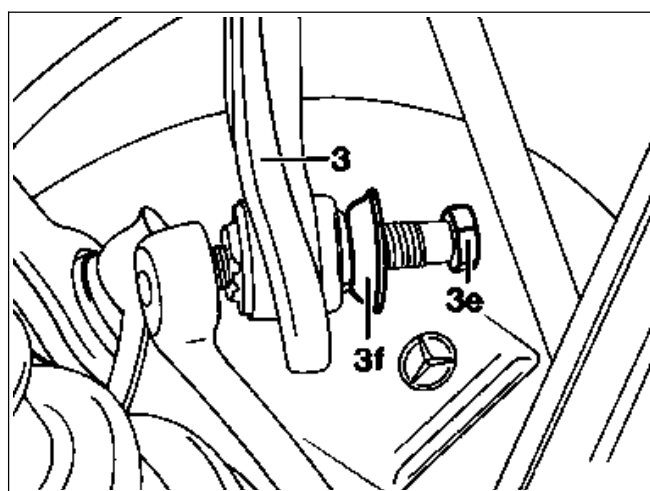
1st version up to 08/86



P35-5598-13

- 4a Press hexagon bolt (3e) forwards out of wheel carrier and remove complete with torque strut. Remove hexagon bolt (3e) and shaped washer (3f).

2nd version as of
09/86



P35-2011-13

- 5 On vehicles up to 03/86 with eccentric bolt, the inclination of the wheel carrier and the toe-in is to be checked.

Checking

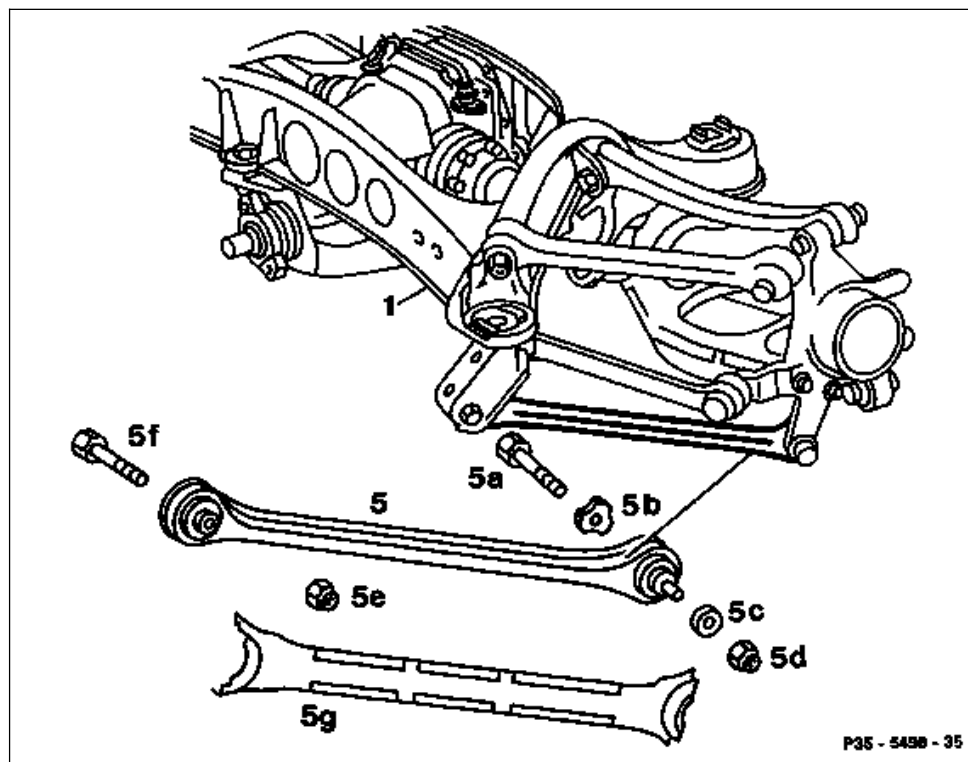
In the event of damaged rubber mounts, replace torque strut complete.

- 6 Install in reverse sequence.

35-113 Removal and installation of thrust arm

Preceding work:
Remove, install wheels (40-110).

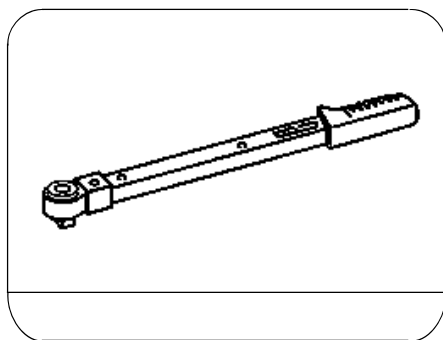
Operation no. of operation texts and work units
or standard texts and flat rates:
35-0053, 35-0054, 35-0055



P35-5498-35

- | | |
|---|--|
| Thrust arm lining (5g)..... | Remove, install, replace in the event of damage (number 1). |
| Thrust arm (5) on rear axle bracket | Loosen self-locking hexagon nut (5e), replace and remove with hexagon bolt (5f) (number 2). Before tightening, the rear axle shaft should be horizontal. Tightening torque 70 Nm. Torque wrench 001 589 66 21 00. |
| Thrust arm (5) on wheel carrier | Loosen self-locking hexagon nut (5d), tighten. Remove hexagon bolt (5a), shaped washer (5b) and washer (5c) (number 3). Turn thrust arm on rear axle bracket downwards and press tensioning sleeve out of wheel carrier, install (number 4). Replace self-locking hexagon nut. Before tightening, the rear axle shaft should be horizontal. Tightening torque 45 Nm. Torque wrench 001 589 66 21 00. |
| Thrust arm rubber mount | Check for damage, replace thrust arm complete if required. |

Special tools



001 589 66 21 00

Note

The rubber mounts of the thrust arm cannot be replaced individually. The thrust arm is only available as a replacement part with rubber mounts. The thrust arm can be removed or installed when the rear axle is installed.

Removal, installation

- 1 Detach thrust arm lining (5g).

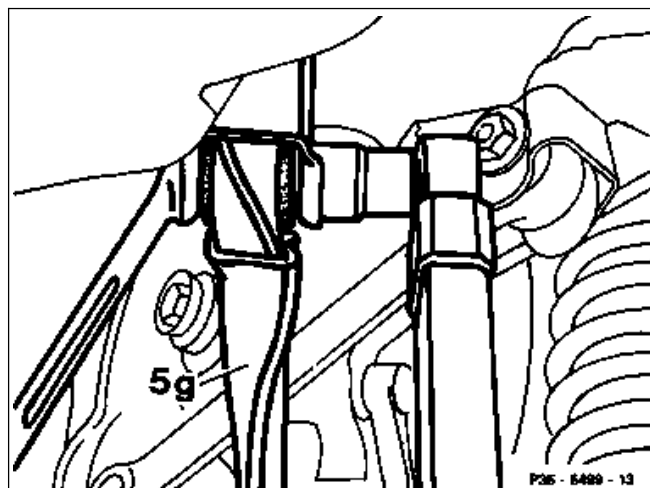
Installation note

Replace damaged thrust arm lining.

- 2 Loosen self-locking hexagon nut on rear axle bracket and remove hexagon bolt.

Installation note

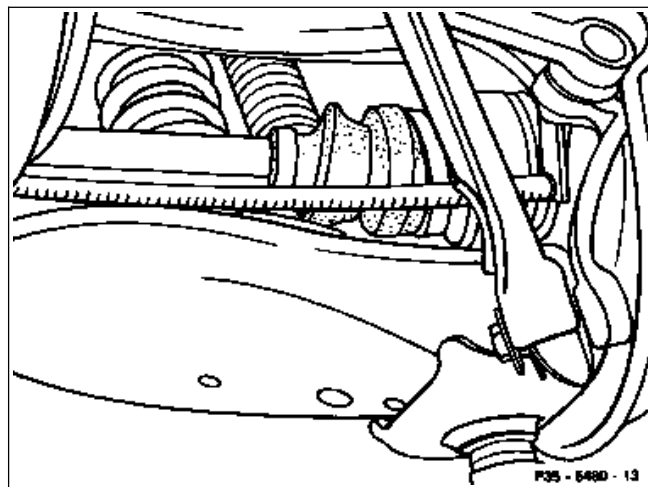
Replace self-locking hexagon nut. Before tightening, the rear axle shafts should be horizontal. Tightening torque 70 Nm.
Torque wrench 001 589 66 21 00.



P35-5499-13



When raising one side, ensure that the vehicle does not lift off the supporting surface of the hoist - risk of accident.
If necessary, load up the trunk.



P35-5480-13

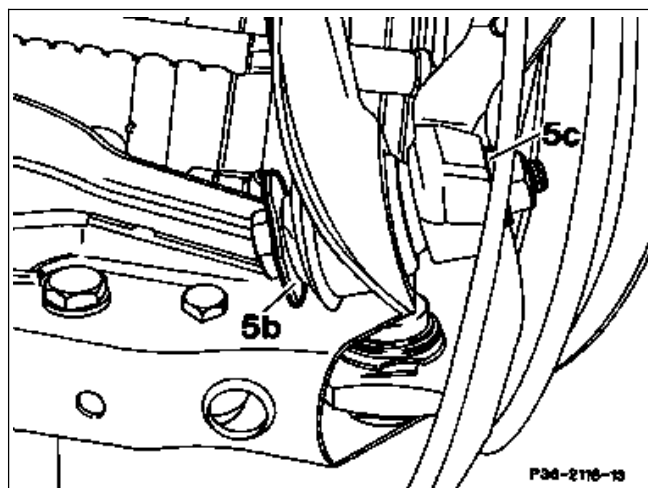
- 3 Loosen self-locking hexagon nut on wheel carrier, remove hexagon bolt, shaped washer (5b) and washer (5c).

Installation note

Replace self-locking hexagon nut. Before tightening the rear axle shaft should be horizontal.

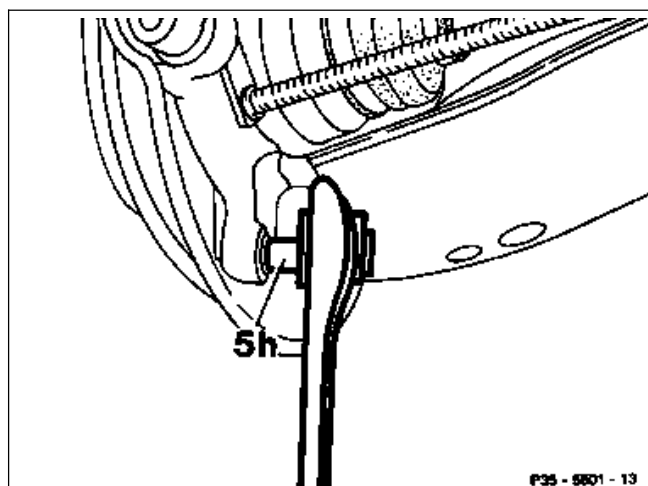
Tightening torque 45 Nm.

Torque wrench 001 589 66 21 00.



P35-2118-13

- 4 Turn thrust arm on rear axle bracket downwards and press tensioning sleeve (5h) out of wheel carrier.



P35-5501-13

Testing

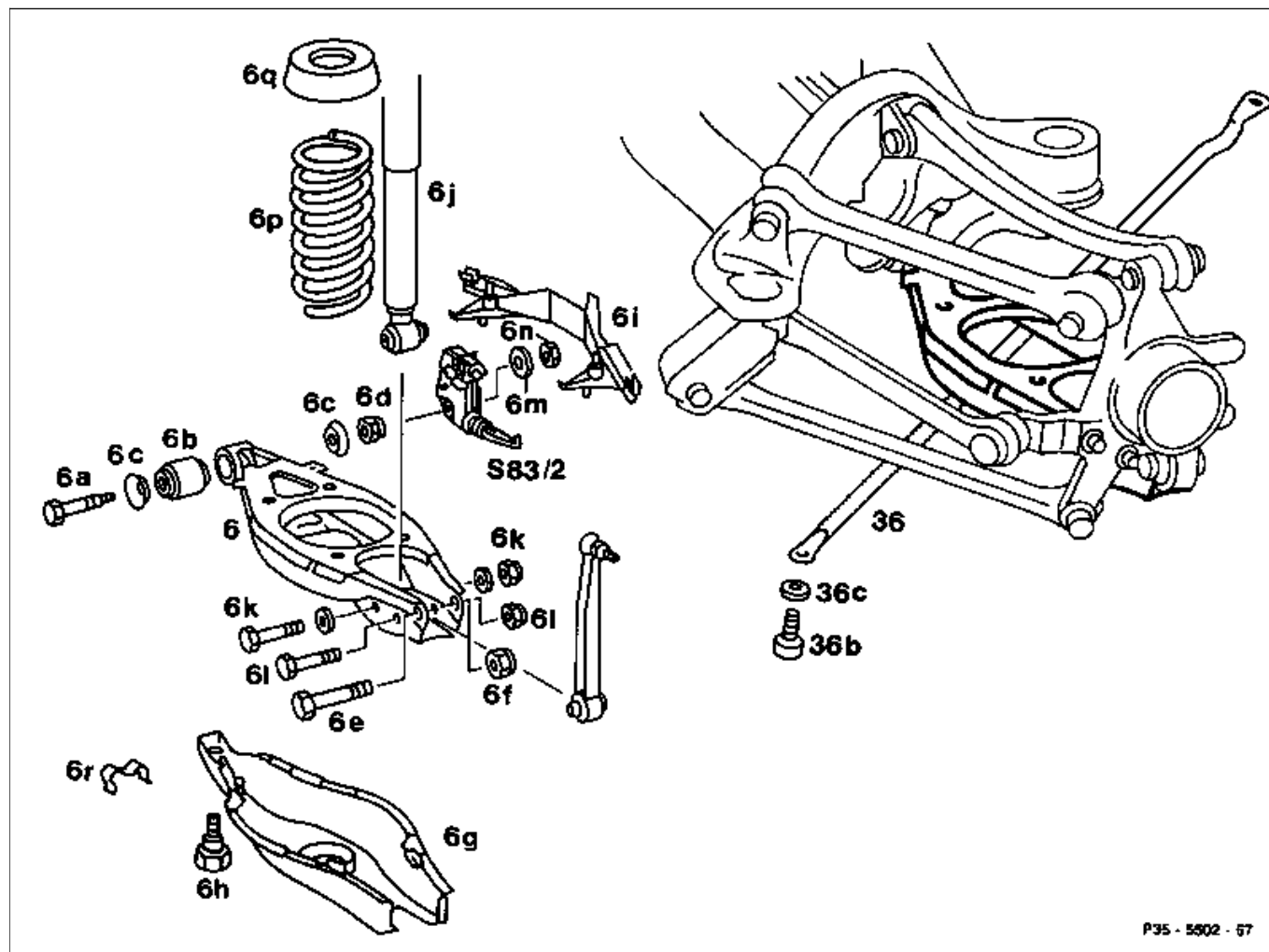
In the event of damaged rubber mounts, replace thrust arm.

- 5 Install in reverse sequence.

35-114 Removal and installation of spring link, replacement of rubber mount

Preceding work:
Removal and installation of wheels (40-110).

Operation no. of operation texts and work units
or standard texts and flat rates:
35-0038, 35-0043, 35-0320, 35-0321, 35-0325.



P35 - 5502 - 57

P35-5502-57

Model 124.06 (convertible)

- | | |
|--|---|
| Cross brace (36), left side only..... | Remove, install, replace self-locking polygon head bolts, 120 Nm (number 1).
Torque wrench 001 589 66 21 00. |
| Left rear axle switch, roll-over bar (□) (S83/2) | Remove, install, readjust (91-860), replace self-locking hexagon nut (6n) (number 2). |
| Spring link lining (6g)..... | Remove, install (number 3). |

Note

On model 201 up to 12/83, the retaining clamp (6r) must be removed. On models 124 and 201 as of 01/84, the sheet metal screws (6h) must be removed.

On vehicles with ASR

Electric cable of brake lining wear indicator	Unclip, press in at the spring link (number 4).
Plastic guide rail (6i).....	Remove, install at spring link (number 5).
Rear spring (6p).....	Remove, install (32-230, number 6).
Shock absorber attachment (6k)	Remove, install at spring link. Loosen self-locking hexagon nut (6k), replace, tighten to 60 Nm (number 7). Torque wrench 001 589 66 21 00.
Torsion bar attachment (6l).....	Remove, install at spring link. Loosen self-locking hexagon nut, replace, tighten to 20 Nm (number 8). Torque wrench 001 589 72 21 00.
Spring link on rear axle bracket (6a-6d)	Remove, install. Replace self-locking hexagon nut and only tighten when rear axle shaft is horizontal. Tightening torque 70 Nm (number 9). Torque wrench 001 589 66 21 00.
Spring link on wheel carrier (6e-6f)	Remove, install. Replace self-locking hexagon nut (6f). Remove spring link, install and only tighten when rear axle shaft is horizontal. Tightening torque 120 Nm (number 10). Torque wrench 001 589 66 21 00.

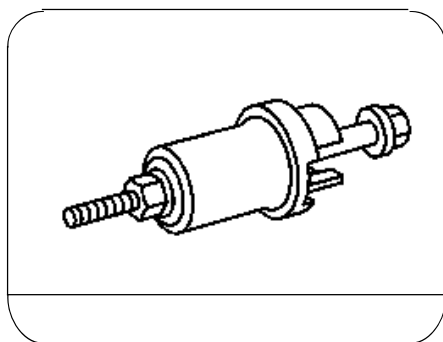
A. Replacement of rubber mount on model 201

Rubber mount (6b).....	Using extractor/pulling-in equipment 201 589 03 43 00, pull out, pull in at spring link (number 11). Coat rubber mount with lubricant. Both ends of the rubber mount must be the same distance from the spring link bush.
------------------------	--

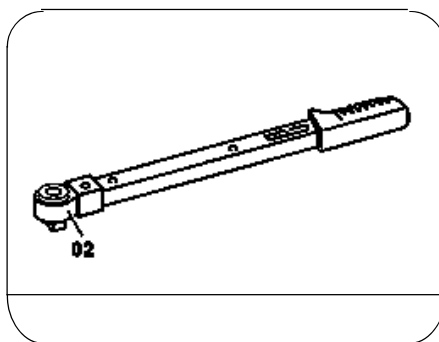
B. Replacement of rubber mount on model 124

Rubber mount (6b).....	Using extractor/pressing-in equipment 129 589 01 43 00, press out, press in at spring link. Both ends of the steel-cased sleeve must be the same distance from the spring link bush (number 12).
------------------------	--

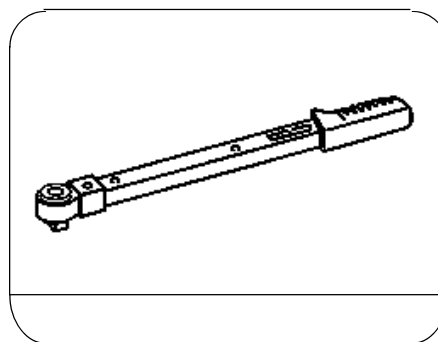
Special tools



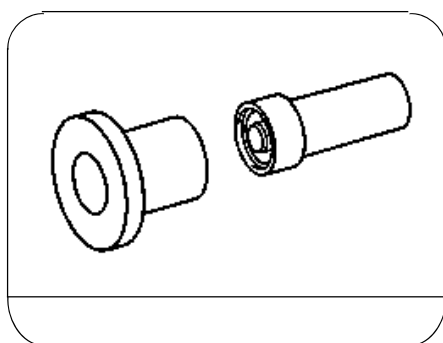
201 589 03 43 00



001 589 72 21 00



001 589 66 21 00



129 589 01 43 00

Note

The spring link can be removed or installed when the rear axle is installed.

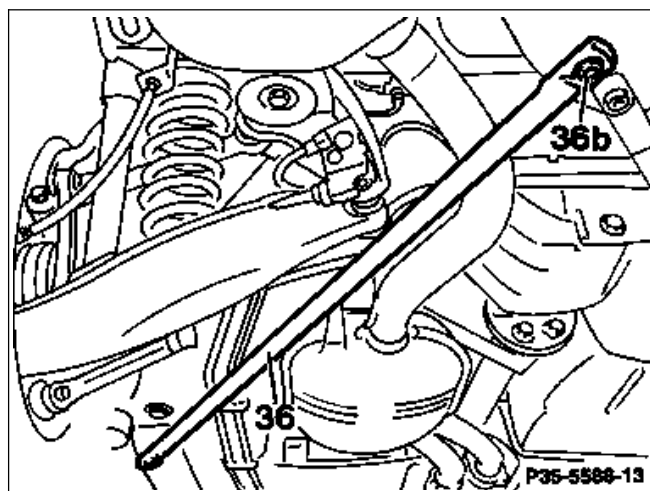
Removal, installation

Model 124.06 (convertible)

- 1 Unscrew self-locking polygon head bolts (36b) of cross brace (36) and remove. On the left side only.

Installation note

Replace self-locking polygon head bolts.
Tightening torque 120 Nm.
Torque wrench 001 589 66 21 00.

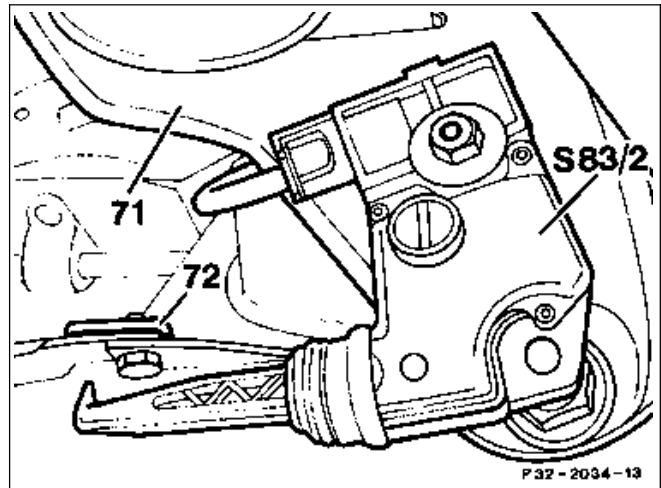


P35-5588-13

- 2 Unscrew self-locking hexagon nut from left rear axle switch, roll-over bar (üRB) (S83/2) and remove complete.

Installation note

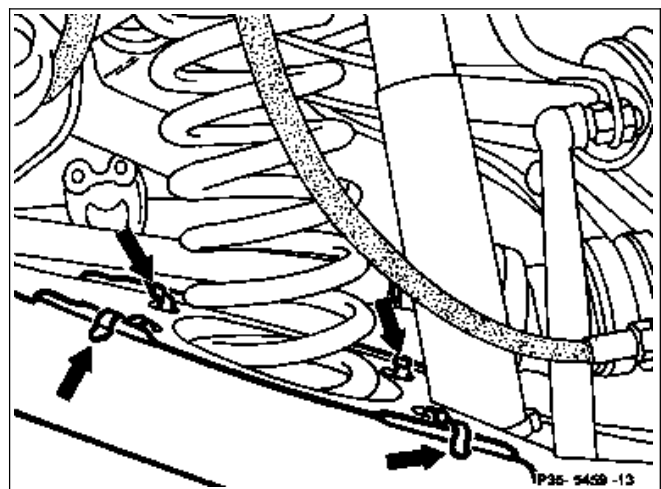
Replace self-locking hexagon nut. Readjust left rear axle switch, roll-over bar (üRB) (91-860).



P32-2034-13

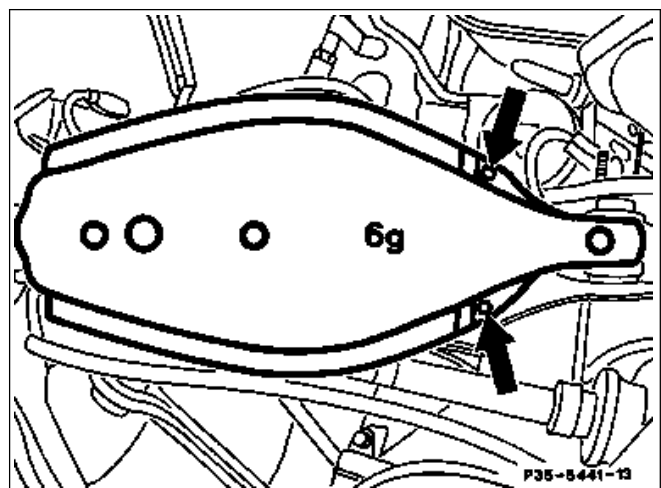
- 3 Detach spring link lining (6g) on spring link (arrows).

Version on model 201 up to 12/83



P35-5459-13

Version on model 201 as of 01/84 and model 124



P35-5441-13

4 On vehicles with ASR

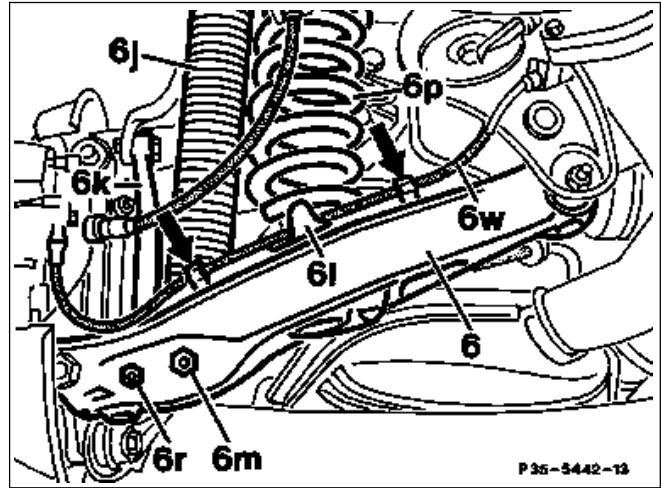
Unclip electrical cable (6w) of brake lining wear indicator (arrows).

- 5 Remove plastic guide rail (6l) from spring link. To do this, press through the plastic pin, pull guide rail (6l) rearwards and remove upwards.

Installation note

Check for correct cable routing (arrows).

- 6 Remove, install rear spring (6p) (32-230).



P35-5442-13

- 7 Remove self-locking hexagon nut (6m) of shock absorbers at spring link. Remove hexagon bolt (6p) and washers.

Installation note

Replace self-locking hexagon nut.

Tightening torque 60 Nm.

Torque wrench 001 589 66 21 00.

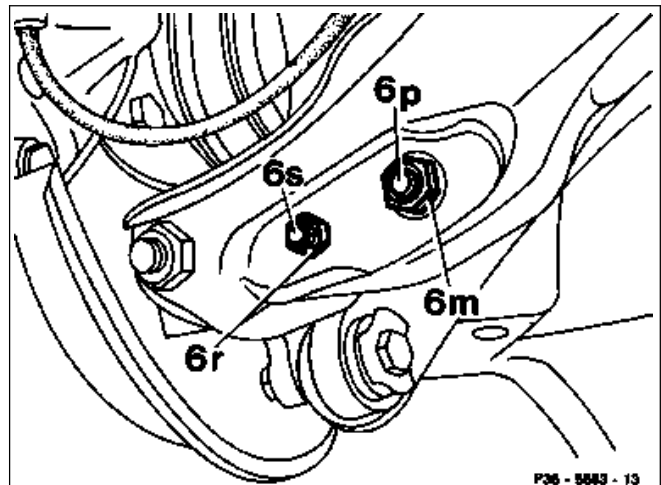
- 8 Remove torsion bar attachment (6r, 6s) on spring link.

Installation note

Replace self-locking hexagon nut (6r).

Tightening torque 20 Nm.

Torque wrench 001 589 72 21 00.



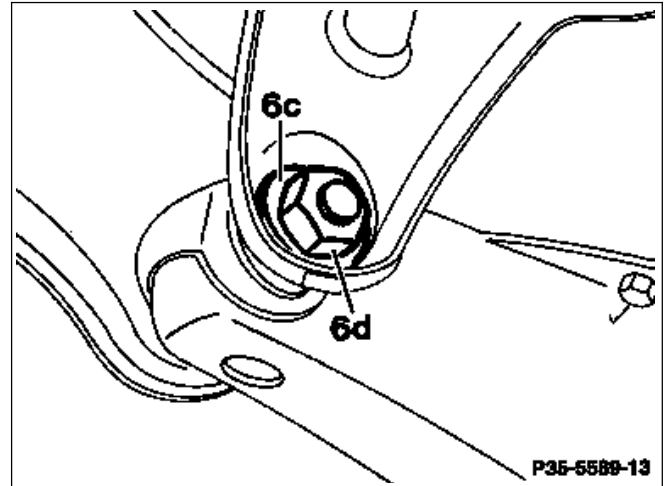
P35-5503-13

- 9 Remove self-locking hexagon nut (6d) of spring link on rear axle bracket and remove hexagon bolt, shaped washer or washer (6c).

Installation note

Replace self-locking hexagon nut. Only tighten when rear axle shaft is horizontal. Tightening torque 70 Nm.

Torque wrench 001 589 66 21 00.

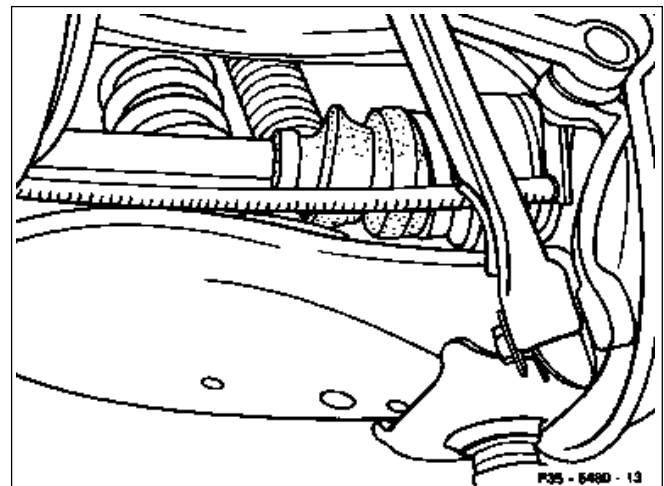


P35-5589-13



When raising one side of the rear axle, ensure that the vehicle does not lift off the supporting surface of the hoist - risk of accident.

If necessary, load up the trunk.



P35-5480-13

- 10 Unscrew self-locking hexagon nut of spring link (6) on wheel carrier and remove with hexagon bolt.

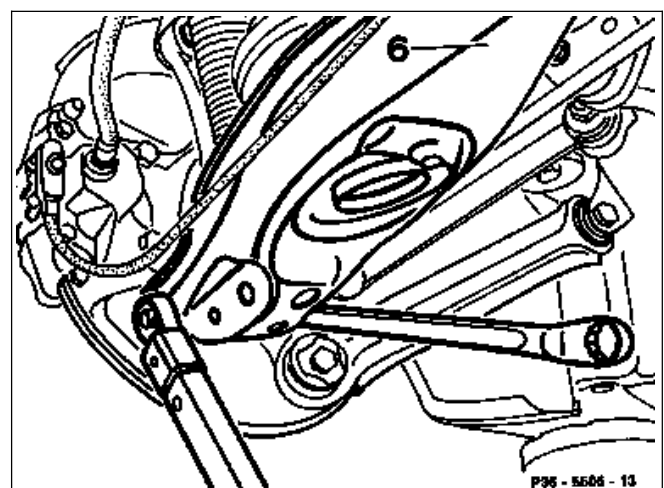
Installation note

Replace hexagon nut. Only tighten when rear axle shaft is horizontal.

Tightening torque 120 Nm.

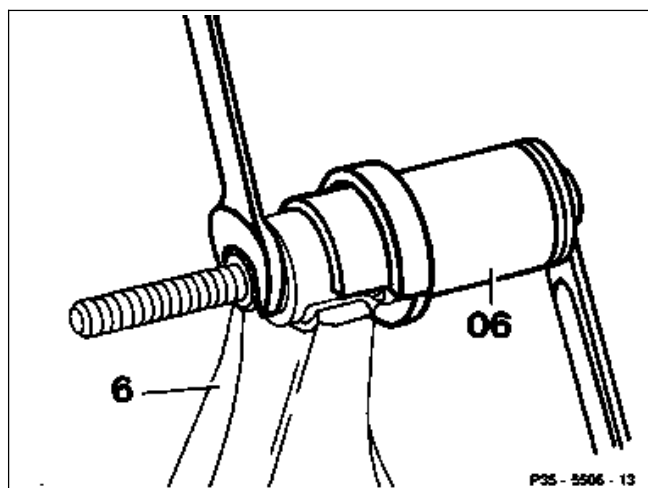
Torque wrench 001 589 66 21 00.

- 11 Remove spring link.



A. Replacement of rubber mount on model 201

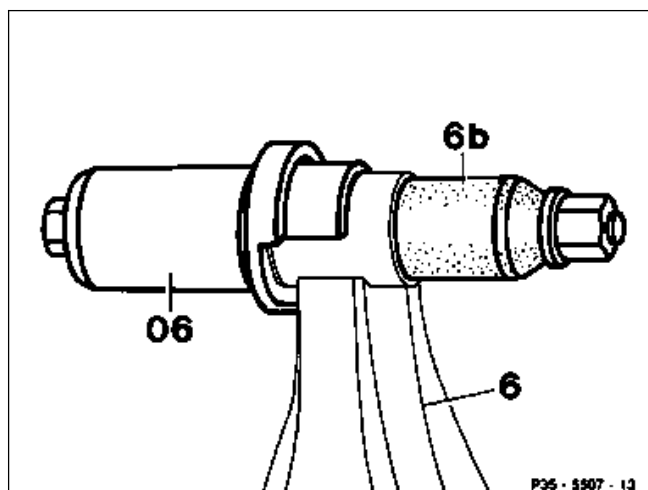
12 Using extractor/pulling-in equipment (06) 201 589 03 43 00, pull rubber mount out of spring link (6).



P35-5506-13

Installation note

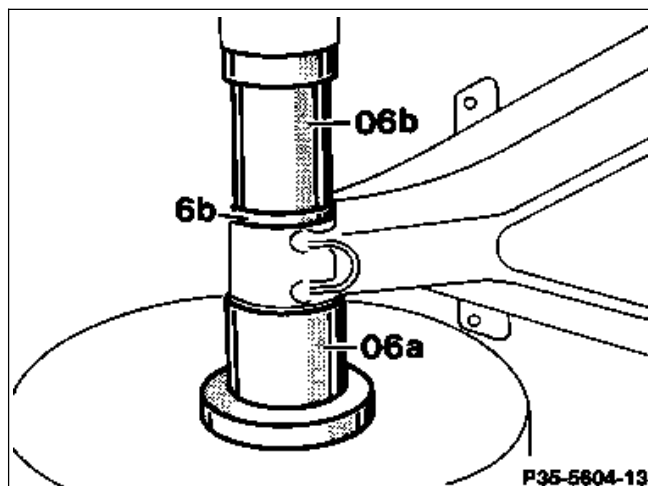
Coat rubber mount (6b) with lubricant and using extractor/pulling-in equipment (06) 201 589 03 43 00 draw into spring link (6). Both ends of the rubber mount must be the same distance from the spring link bush.



P35-5507-13

B. Replacement of rubber mount on model 124

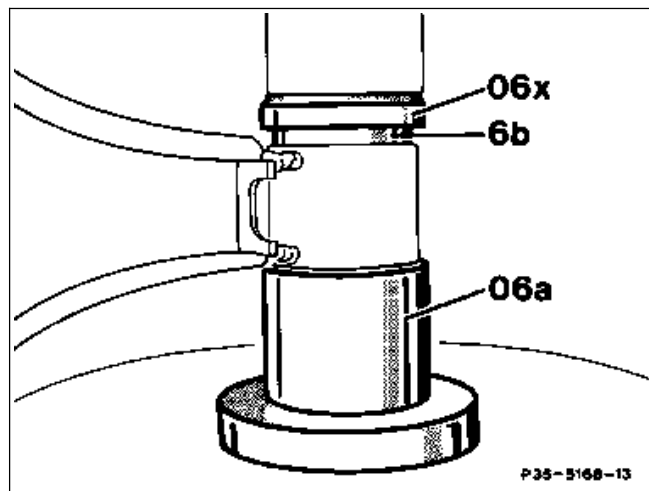
13 Using extractor/pressing-in equipment (06a-06b) 129 589 01 43 00 press rubber mount (6b) out of spring link.



P35-5604-13

Note

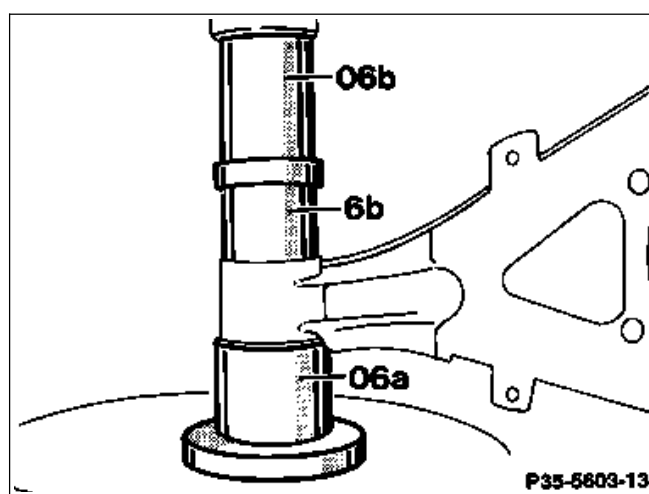
In order to be able to press out accurately rubber mounts (6b) which are a tight fit, it is recommended that a small projection of the rubber mount up to the spring link bush is pressed out first using a flat thrust washer (06x).



P35-5168-13

Installation note

Replace rubber mount. Using the extractor/pressing-in equipment (06a-06b) 129 589 01 43 00, press rubber mount (6b) into spring link. Both ends of the steel-cased sleeve must be the same distance from the spring link bush.



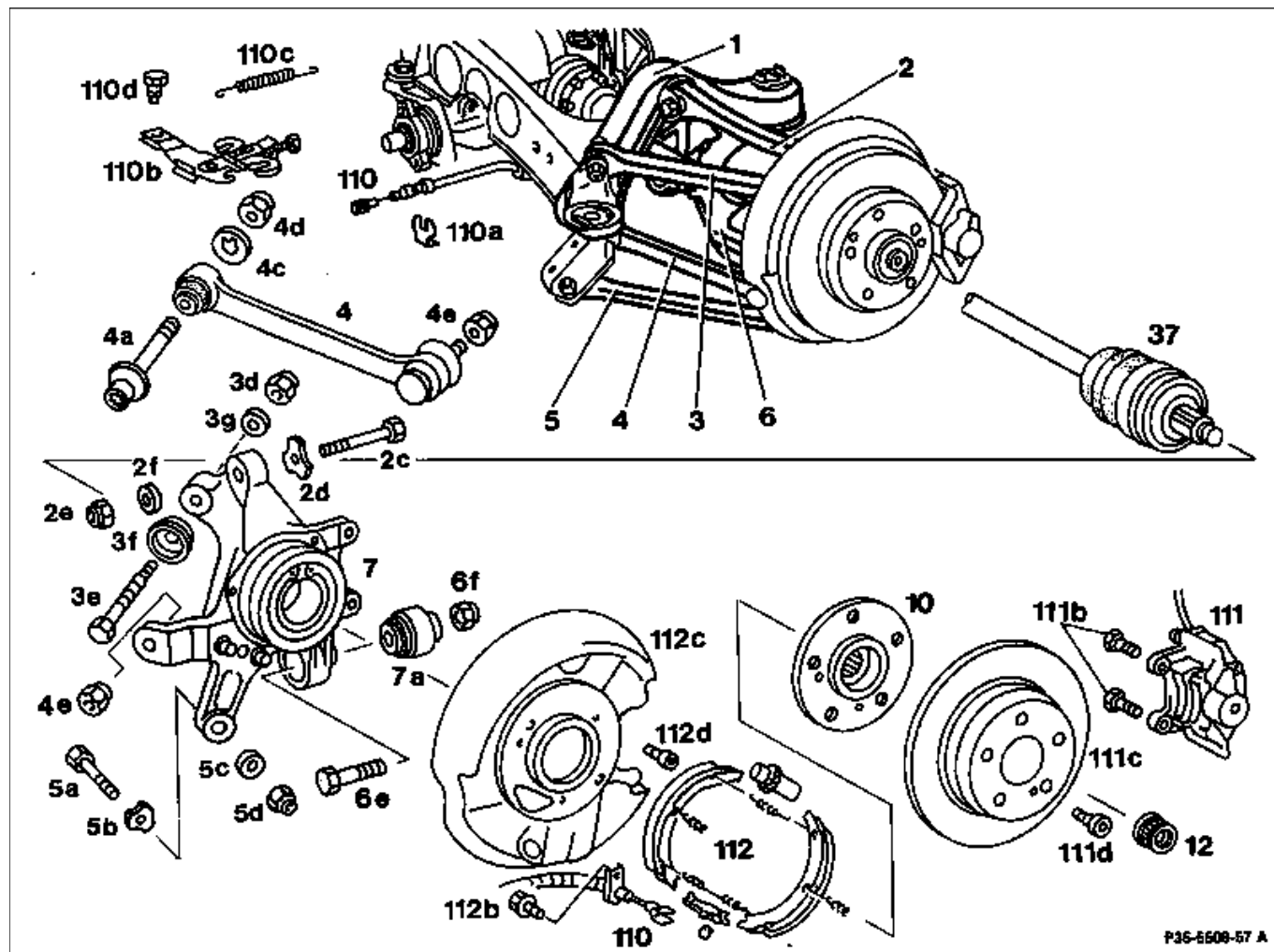
P35-5603-13

14 Install in reverse sequence.

35-115 Removal and installation of wheel carrier

Preceding work:
Removal and installation of wheels 40-110.

Operation no. of operation texts and work units
or standard texts and flat rates:
35-0263, 35-0264, 35-0265.



P35-5508-57 A

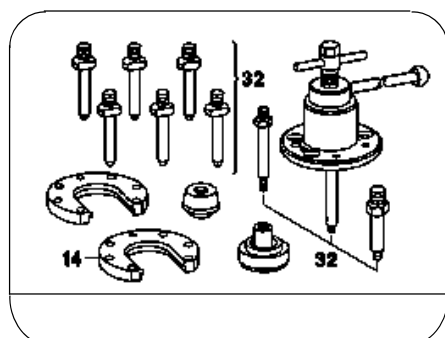
P35-5508-57A

- | | |
|-------------------------------------|--|
| Twelve-point collar nut (12) | Unscrew, replace, screw on. Lubricate thread and bearing surface of twelve-point collar nut, secure (numbers 1 and 2). Tightening torque 200 - 240 Nm.
Torque wrench 001 589 74 21 00. Socket wrench insert 30 mm 126 589 02 09 00. |
| Rear axle shafts (37) | press tightly seated rear axle shaft out of rear axle shaft flange with extractor/pulling-in equipment
140 589 03 61 00, pull in (number 2). |
| Cables (110) of parking brake | Disengage, engage at intermediate lever (110b) (42-525, number 3). |

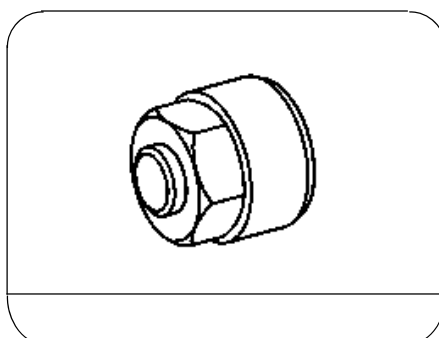
Brake caliper (111).....	Remove, install (42-120, number 4). Secure brake caliper to prevent it falling down. On vehicles with ASR, do not subject electrical cable of brake lining wear indicator to tension. Replace self-locking hexagon bolts (111b). Mount brake hose or ASR cable without twisting. Torque wrench 001 589 66 21 00.
Brake disk (111c).....	Remove, install (42-228, number 5). Replace self-locking hexagon socket bolt (111d).
Brake shoes of parking brake (112).....	Remove, install (42-530, number 6). Remove, install cable (110) at wheel carrier (number 7).
Brake shield (112c).....	Loosen, secure at wheel carrier (7). Replace self-locking hexagon socket bolts (112d) (number 8).
Camber strut (2).....	Remove, install only at wheel carrier (7). Replace self-locking hexagon nut (2e). Only tighten when rear axle shaft is horizontal (number 9). Tightening torque 45 Nm. Torque wrench 001 589 66 21 00.
Torque strut (3).....	Remove, install at wheel carrier (7). Replace self-locking hexagon nut (3d) (number 10, 11). Only tighten when rear axle shaft is horizontal. Tightening torque with hexagon bolt M10 x 1 = 45 Nm, with M12x1.5 = 70 Nm. Torque wrench 001 589 66 21 00.
Tie rod (4).....	Remove, install (35-112). Using puller 201 589 01 33 00 and thrust piece 201 589 05 63 00, press tie rod out of wheel carrier. Mark position of eccentric bolt (4a) in relation to rear axle bracket (numbers 12 and 15).
	Replace self-locking hexagon nuts (4e and 4d). Only tighten when rear axle shaft is horizontal. Tightening torque on wheel carrier 35 Nm, on rear axle bracket 35 Nm. Check toe-in, adjust if required. Torque wrench 001 589 66 21 00.
Thrust arm (5).....	Remove, install at wheel carrier (7) (35-113). Replace self-locking hexagon nut (5d). Press tensioning sleeve out of wheel carrier (7) (number 16, 17). Only tighten when rear axle shaft is horizontal. Tightening torque 45 Nm. Torque wrench 001 589 66 21 00.
Spring link (6).....	Remove, install at wheel carrier (7) (35-114, number 18). Replace self-locking hexagon nut (6f). Only tighten when rear axle shaft is horizontal. When installing the spring link, do not damage the cup seal of the spring link. Tightening torque 120 Nm. Torque wrench 001 589 66 21 00.

Wheel carrier (7).....	Remove, install, replace supporting joint (35-116, numbers 19, 20).
Inclination of wheel carrier and toe-in	Check, adjust if required (40-330, number 21).

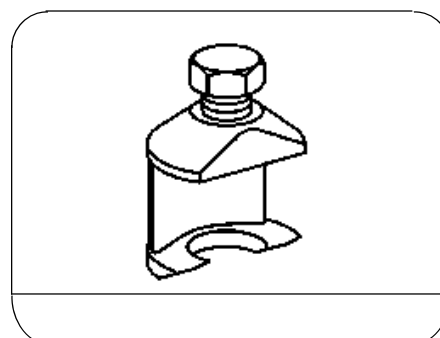
Special tools



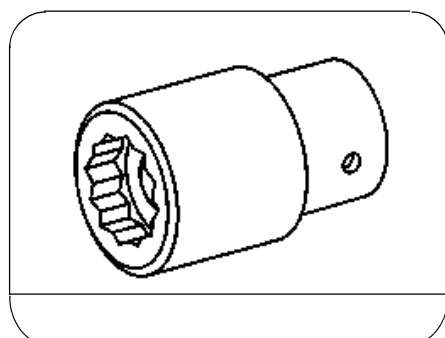
140 589 03 61 00



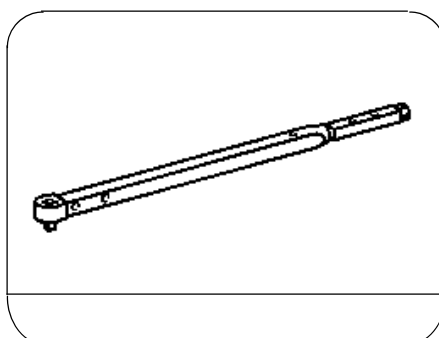
201 589 05 63 00



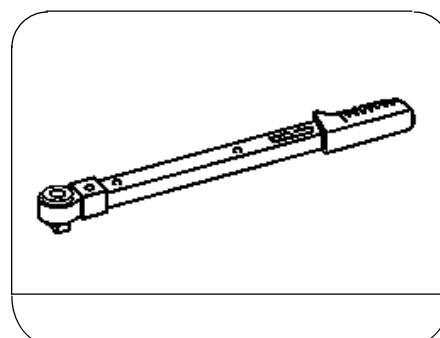
201 589 01 33 00



126 589 02 09 00



001 589 74 21 00



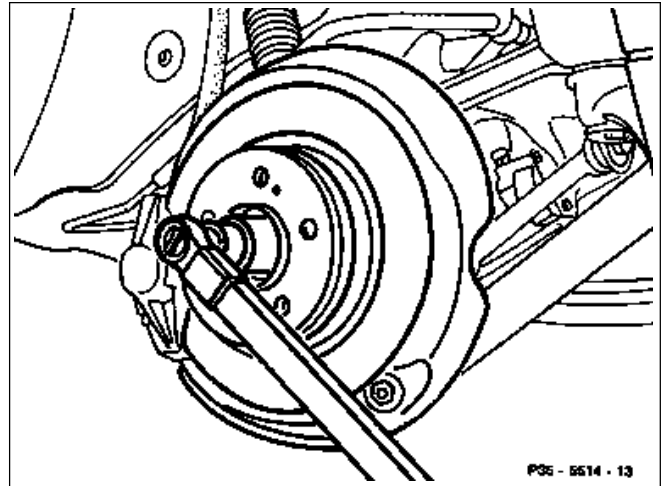
001 589 66 21 00

Note

The wheel carrier can be removed or installed when the rear axle is installed.

Removal, installation

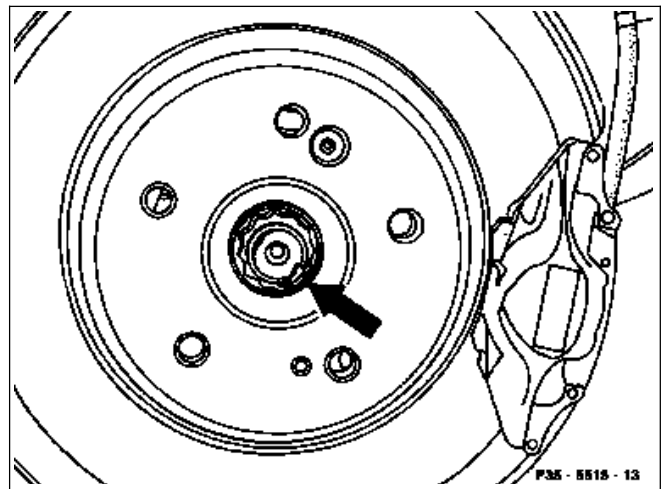
- 1 Apply parking brake. Loosen twelve-point collar nut for attaching rear axle shaft using socket wrench 30 mm 126 589 02 09 00 and remove.



P35-5514-13

Installation note

Replace twelve-point collar nut. Lubricate thread and contact surface of twelve-point collar nut. Secure twelve-point collar nut after tightening (arrow). Tightening torque 200-240 Nm. Socket wrench insert 30 mm 126 589 02 09 00. Torque wrench 001 589 74 21 00.

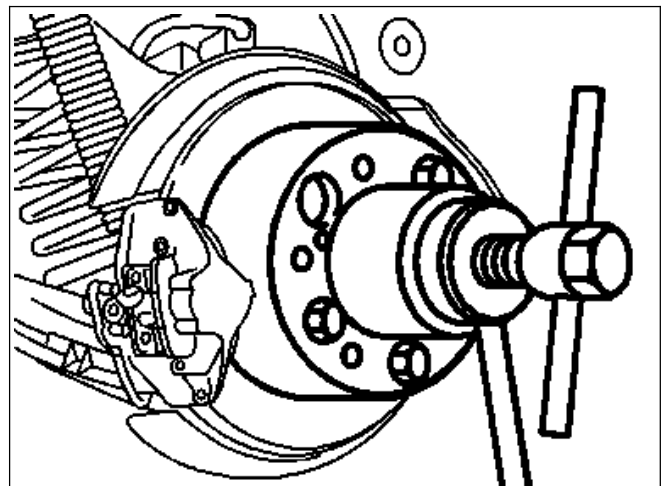


P35-5515-13

- 2 Press tight seated rear axle shaft out of rear axle shaft flange with extractor/pulling-in equipment 140 589 03 61 00, part 26.

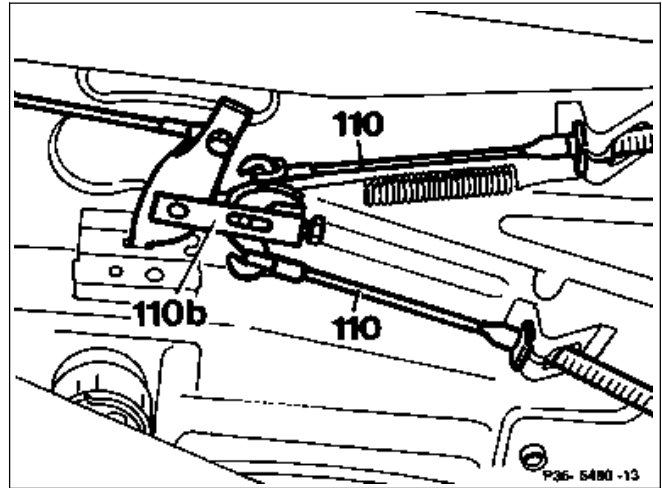
Note

Observe locating pin if brake caliper and brake disc have already been removed.



P35-5897-13

- 3 Disengage cable (110) of parking brake at intermediate lever (110b) (42-525).



P35-5460-13

- 4 Remove brake caliper (111) (42-120). Secure brake caliper to prevent it from falling down.

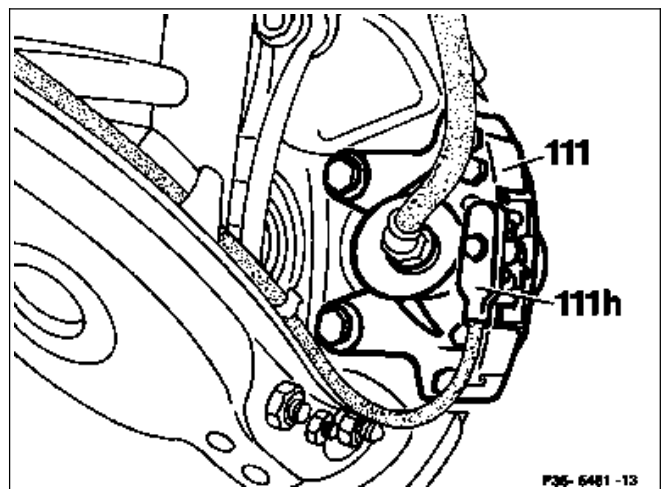
On vehicles with ASR

Do not tension electrical cable of brake lining wear indicator (111h).

Installation note

Replace self-locking hexagon bolts. Assemble brake hose or ASR cable without twisting.

Torque wrench 001 589 66 21 00.

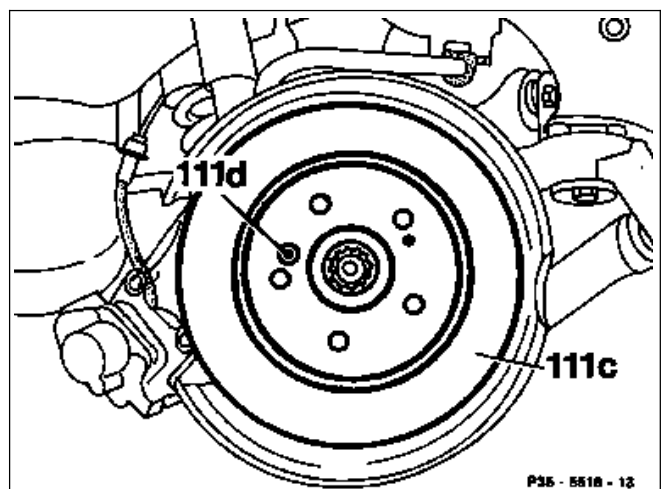


P35-5461-13

- 5 Remove, install brake disk (111c) (42-228).

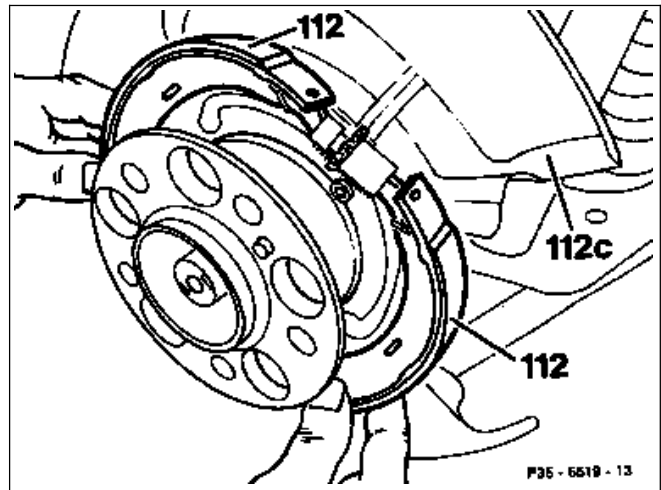
Installation note

Replace self-locking hexagon bolt (111d).



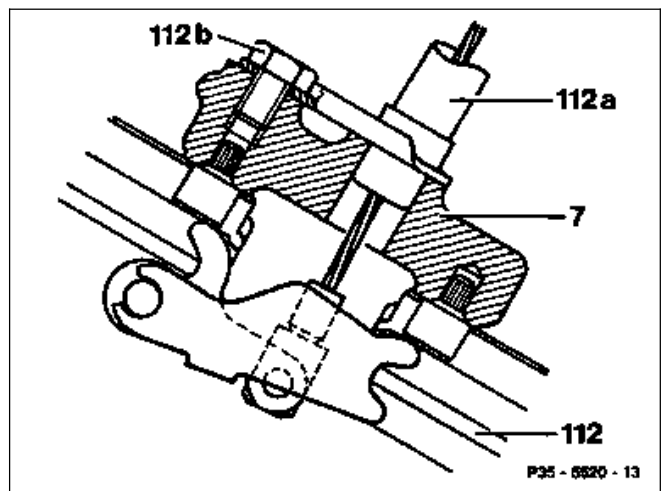
P35-5518-13

- 6 Remove, install brake shoes (112) of parking brake (42-530).



P35-5519-13

- 7 Remove cable (112a) of parking brake at wheel carrier (7).

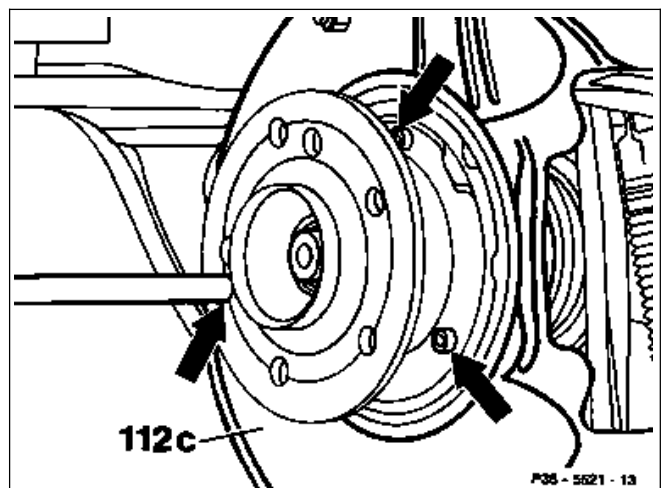


P35-5520-13

- 8 Unscrew hexagon socket bolts (arrows) for attaching the brake shield (112c).

Installation note

Replace self-locking hexagon bolts. Check for damage and good seating.



P35-5521-13

Note

Turn the shield so that the attachment points of the struts, tie rod and spring link are more accessible.

- 9 Unscrew self-locking hexagon nut (2e) of camber strut (2) on wheel carrier and remove washer (2f), shaped washer (2d) and hexagon bolt (2c). Press tensioning sleeve out of wheel carrier.

Installation note

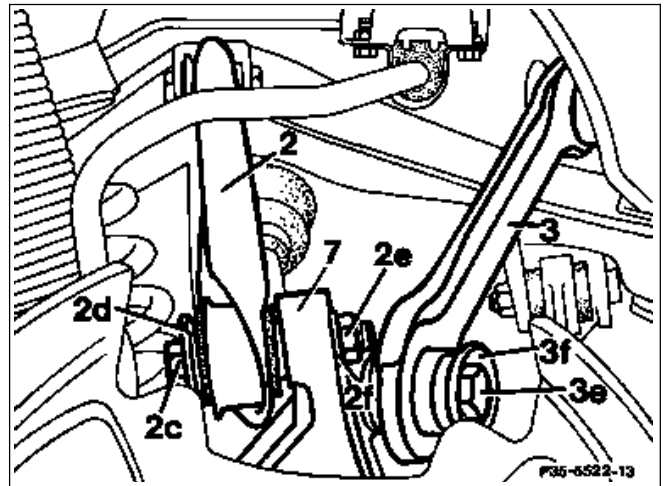
Replace self-locking hexagon nut (2e). Mount shaped washer (2d) on the rubber bearing side and washer (2f) on the wheel carrier side. Only tighten when the rear axle shaft is horizontal. Tightening torque 45 Nm.
Torque wrench 001 589 66 21 00.

- 10 Unscrew self-locking hexagon nut of torque strut (3) on wheel carrier. Remove washer, shaped washer (3f) and hexagon bolt (3e).

Installation note

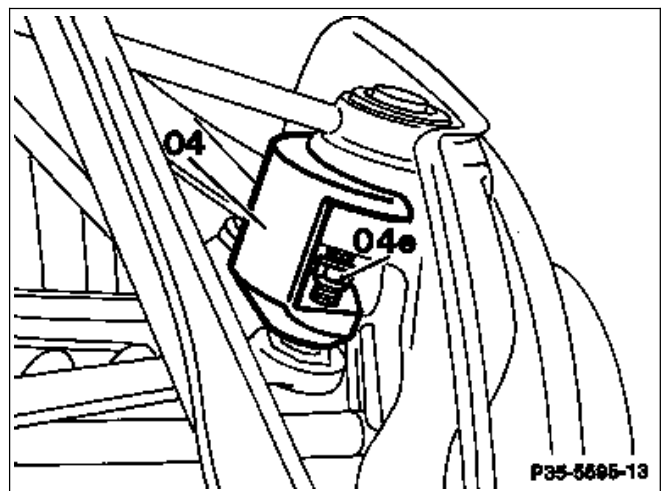
Replace self-locking hexagon nut. Mount shaped washer (3f) on the rubber bearing side and the washer on the wheel carrier side. Only tighten when rear axle shaft is horizontal. Tightening torque with M10x1 hexagon bolt 45 Nm, with M12x1.5 hexagon bolt 70 Nm.
Torque wrench 001 589 66 21 00.

- 11 Press torque strut upwards.



P35-5522-13

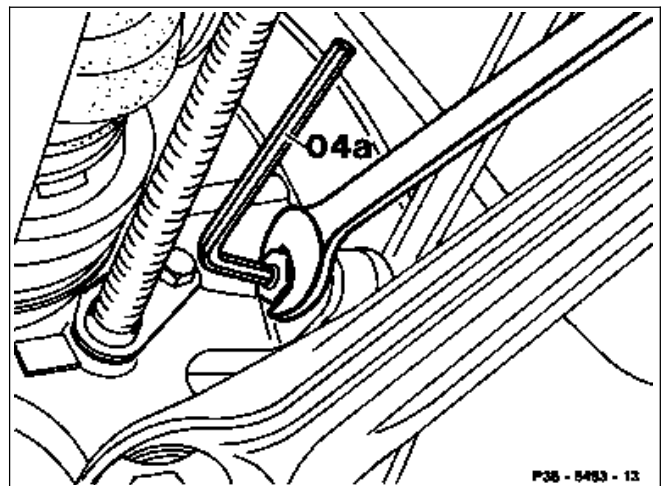
- 12 Loosen self-locking hexagon nut of tie rod on wheel carrier and remove.
- 13 Using puller (04) 201 589 01 33 00 press tie rod out of wheel carrier. To do this, use thrust piece 201 589 05 63 00 to avoid damage to the thread on the ball pin.



P35-5595-13

Installation note

Replace self-locking hexagon nut. Clean conical seat of ball pin in wheel carrier, press ball pin securely into taper and tighten self-locking hexagon nut. Steady ball pin using hexagon socket wrench (04a), tightening torque 35 Nm.
Torque wrench 001 589 66 21 00.

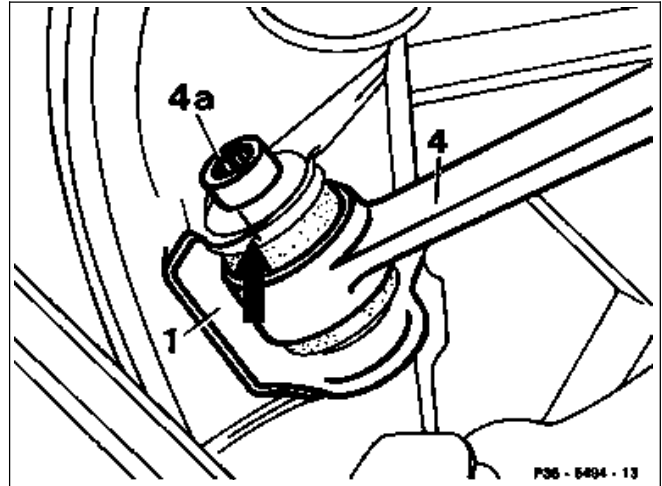


P35-5493-13

- 14 Mark position of eccentric bolt (4a) to rear axle bracket (1) (arrow).
- 15 Unscrew self-locking hexagon nut of tie rod at rear axle bracket and remove complete.

Installation note

Replace self-locking hexagon nut.
Tightening torque 70 Nm.
Torque wrench 001 589 66 21 00

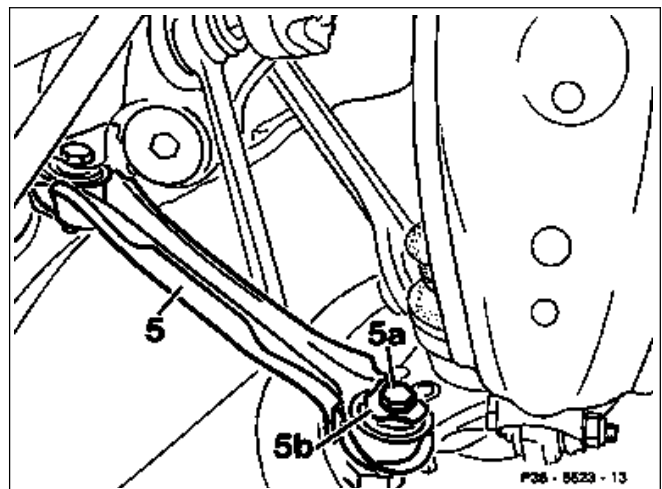


P35-5494-13

- 16 Unscrew self-locking hexagon nut of torque arm (5) on wheel carrier and remove with washer, shaped washer (5b) and hexagon bolt (5a).
- 17 Press tensioning sleeve out of wheel carrier.

Installation note

Replace self-locking hexagon nut. Only tighten when rear axle shaft is horizontal. Tightening torque 45 Nm.
Torque wrench 001 589 66 21 00.



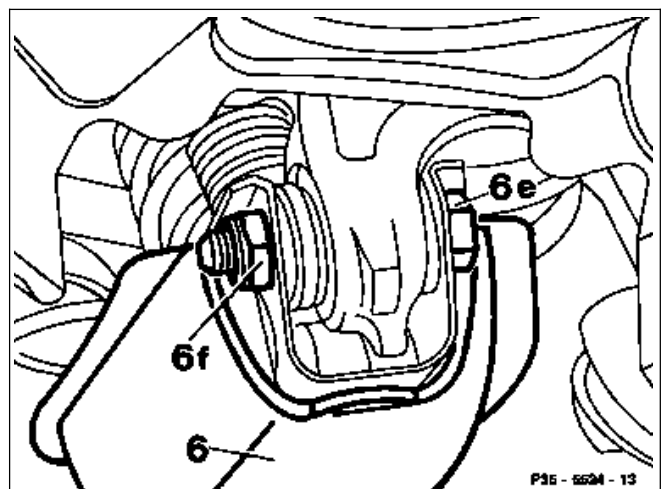
P35-5523-13

- 18 Remove spring link (6) at wheel carrier (35-114).

Installation note

Replace self-locking hexagon nut (6f). Only tighten when rear axle shaft is horizontal. When installing the spring link, do not damage the cup seal of the supporting joint. Tightening torque 120 Nm.
Torque wrench 001 589 66 21 00.

- 19 Detach complete wheel carrier from rear axle shaft and remove.
- 20 Replace supporting joint (35-116).
- 21 Check toe-in and adjust if required (40-330).



P35-5524-13

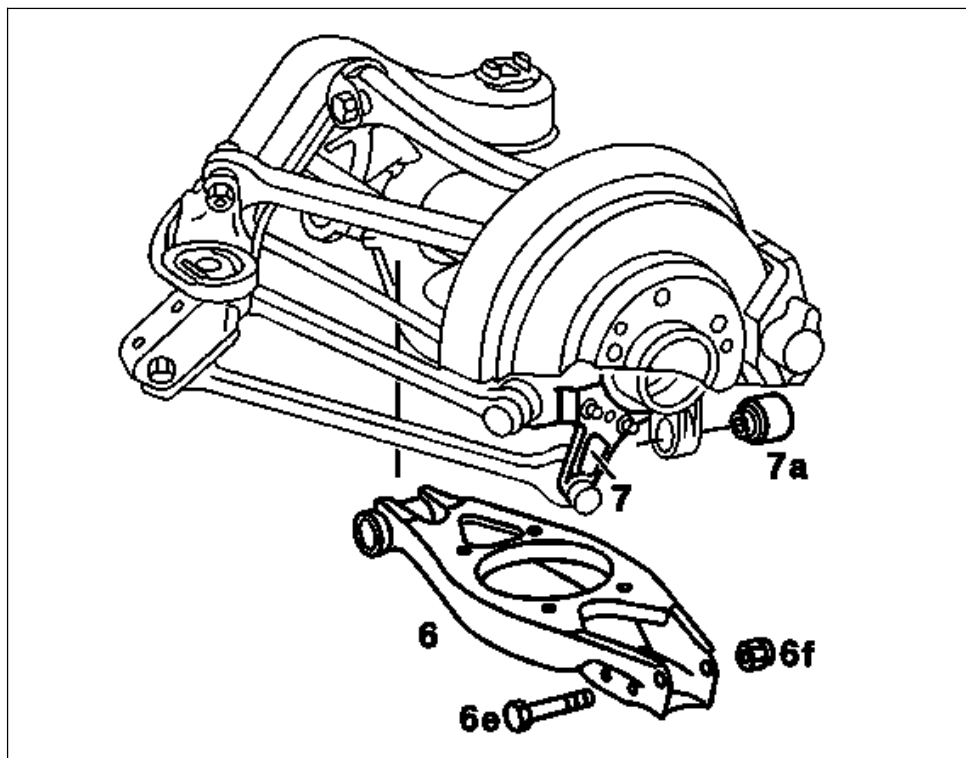
22 Install in reverse sequence.

35-116 Replacement of supporting joint on wheel carrier (wheel carrier installed)

Preceding work:
Remove, install wheels 40-110

Operation no. of operation texts and work units
or standard texts and flat rates:
35-0300, 35-0301, 35-0305

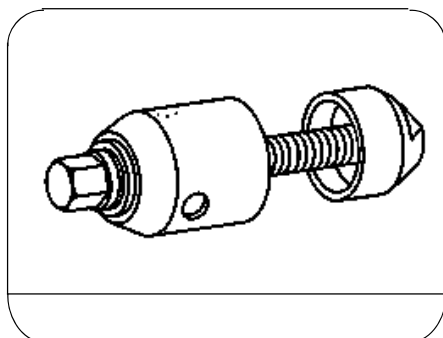
A. Model 124, 201 (except 124.034/036/08/09/18/19/29/39)



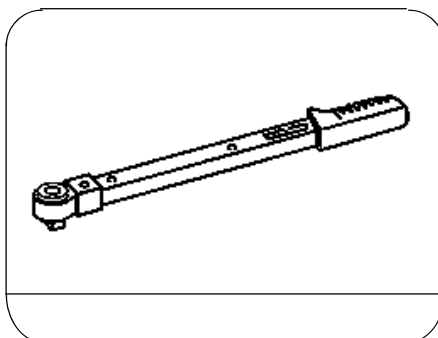
P35-5844-35

Self-locking hexagon nut (6f).....	screw off, replace, screw on, 120 Nm (number 1). Torque wrench 001 589 66 21 00.
Hexagon bolt (6e).....	remove from spring link, install.
Wheel carrier (7).....	press upwards, when inserting into spring link do not damage cup seal on supporting joint (number 2).
Supporting joint (7a).....	remove, install. Extractor/pulling-in equipment 202 589 43 00. Pull supporting joint into wheel carrier so that supporting joint is located in center of the wheel carrier eye (number 3, 4, 5).

Special tools



202 589 00 43 00



001 589 66 21 00

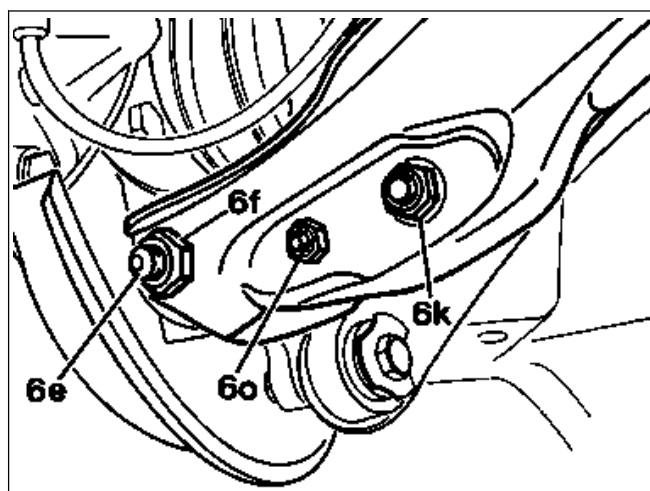
- 1 Screw self-locking hexagon nut (6) off of spring link and remove hexagon bolt (6e).

Installation note

Replace self-locking hexagon nut.

Tightening torque 120 Nm.

Torque wrench 001 589 66 21 00.

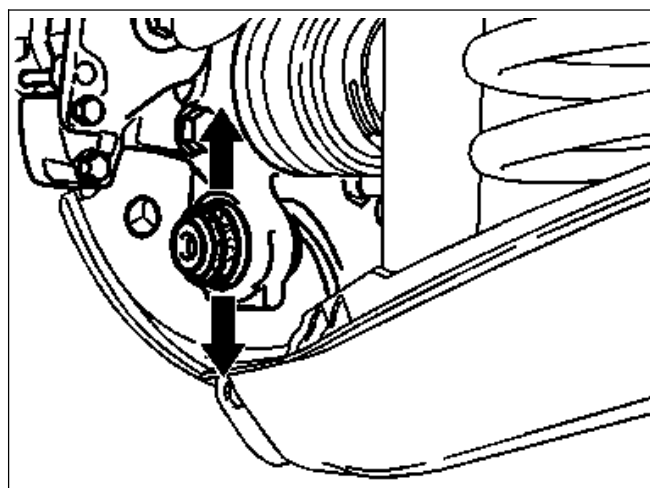


P35-2039-13

- 2 Press wheel carrier upward out of spring link (arrow).

Installation note

When inserting wheel carrier into spring link ensure that rubber cup seals on supporting joint are not damaged.



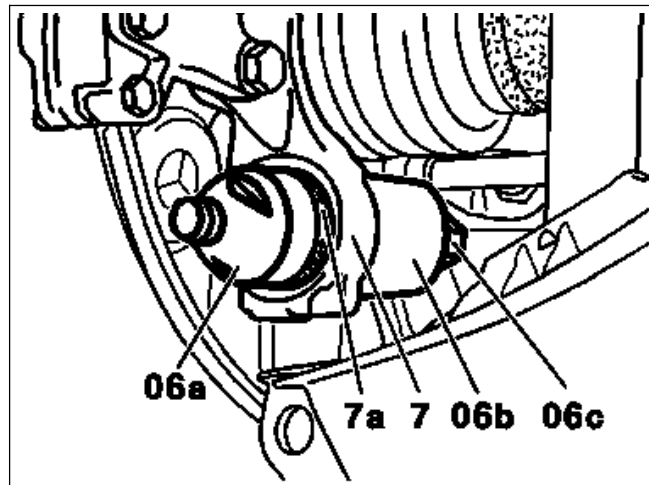
P35-5847-13

- 3 Pull supporting joint (7a) out of wheel carrier (7) with extractor/pulling-in equipment 202 589 00 43 00 consisting of thrust piece (06a), steadying bush (06b) and clamping bolt (06c).

Note

The cut-out in the steadying bush (06b) must point outward toward wheel carrier.

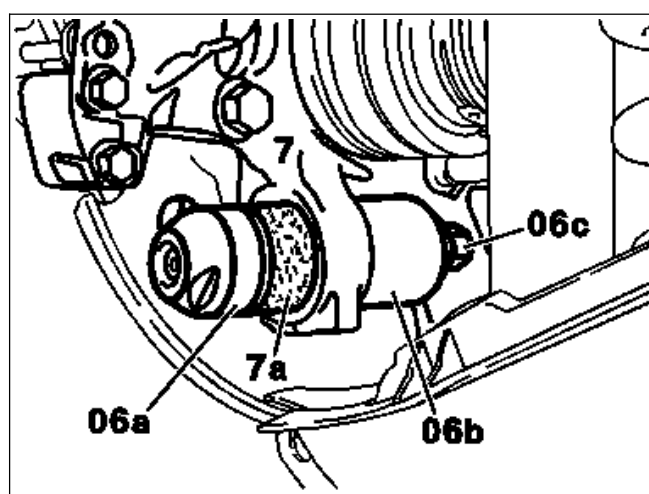
- 4 Take off extractor/pulling-in equipment together with supporting joint.



P35-5845-13

- 5 Pull supporting joint (7a) into wheel carrier with extractor/pulling-in equipment 202 589 00 43 00 (06a-06c).

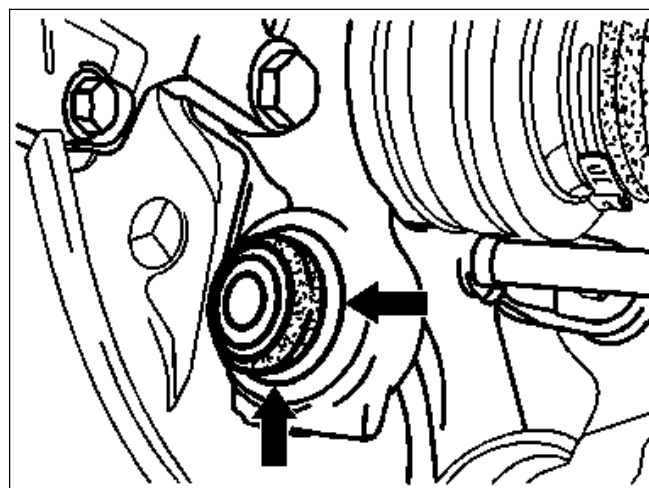
- | | |
|-----|------------------|
| 06a | Thrust piece |
| 06b | Steadying bush |
| 06c | Clamping bolt |
| 7 | Wheel carrier |
| 7a | Supporting joint |



P35-5849-13

Installation note

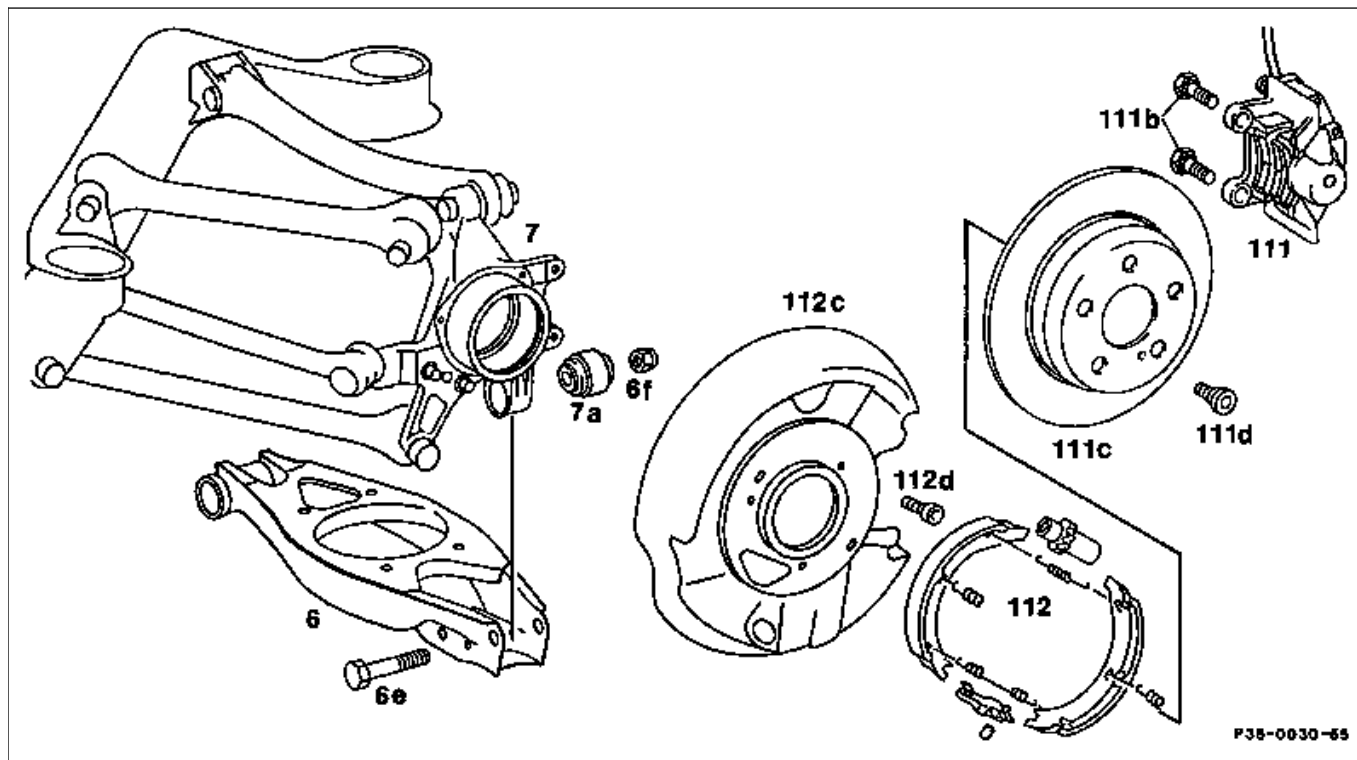
The supporting joint is correctly seated on the wheel carrier when the supporting joint is located in the center of the eye of the wheel carrier chamfer (arrows).



P35-5848-13

- 6 Reinstall in opposite order.

B. Model 124.034/036/08/09/18/19/29/39



P35-0030-55

Brake caliper (111)..... remove, install (42-120, number 1).

On vehicles with ASR

Cable for brake lining wear indicator remove, clip in on spring link (number 2).

Brake disc (111c)..... remove, install (42-228, number 3).

Brake shoes (112) on parking brake..... remove, install and adjust (42-530, number 4).

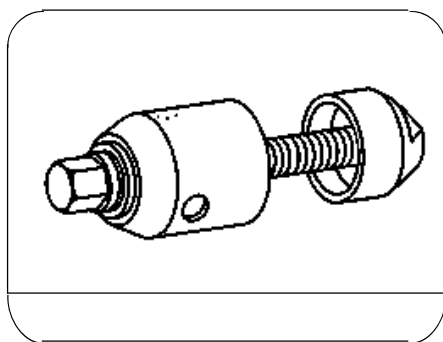
Hexagon socket bolt (112d) on brake shield (112c) screw out, screw in and turn brake shield (number 5).

Self-locking hexagon nut (6f)..... screw off, replace, 120 Nm (number 6).
Torque wrench 001 589 66 21 00.

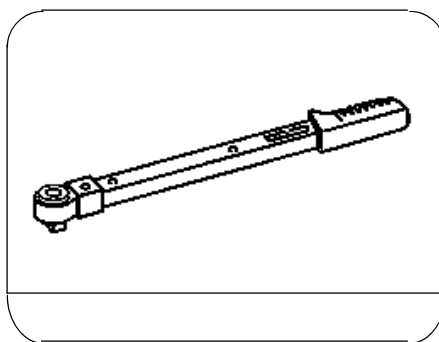
Wheel carrier (7)..... press upwards, when installing in spring link, do not damage cup seal on supporting joint (number 7).

Supporting joint (7a)..... pull out, pull in with extractor/pulling-in equipment 202 589 00 43 00. Pull supporting into wheel carriers so that supporting joint is located in the center of the wheel carrier eye (numbers 8, 9, 10).

Special tools



202 589 00 43 00



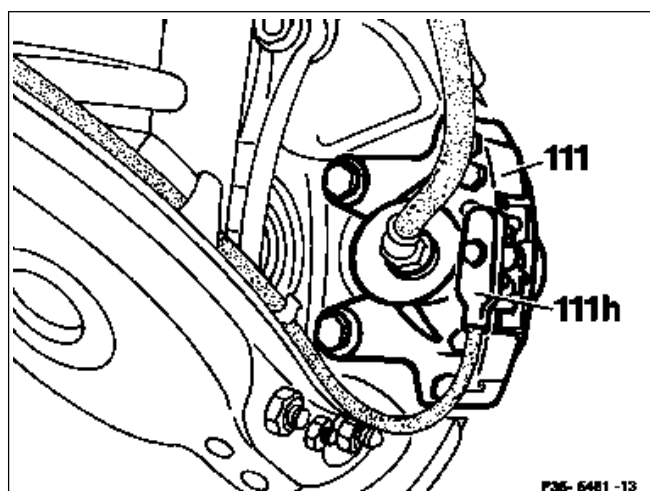
001 589 66 21 00

Removal, installation

- 1 Remove brake caliper from wheel carrier and hang on hook (42-120).

2 On vehicles with ASR

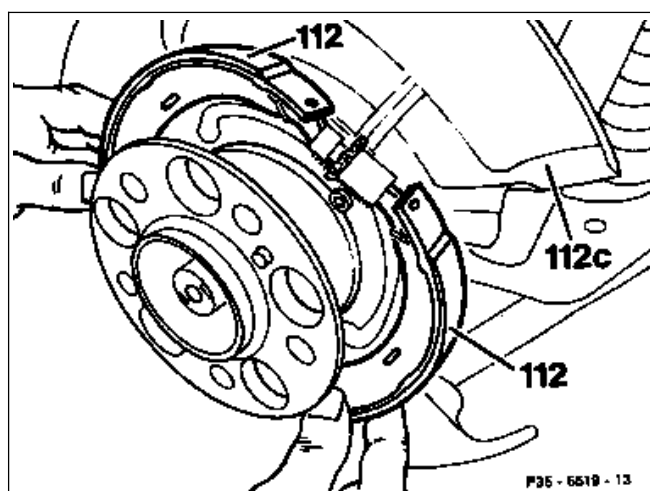
Unclip cable (111h) for brake lining wear indicator from cable rail.



P35-6481-13

P35-5461-13

- 3 Remove brake disc (42-228).
- 4 Remove brake shoes (112) for parking brake (42-530).



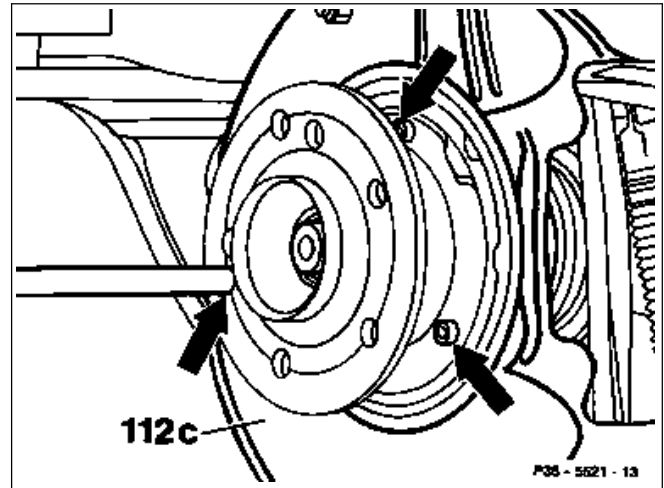
P35-6519-13

P35-5519-13

- 5 Unscrew hexagon socket bolts (arrows) for attaching brake shield (112c) and turn shield so that its cut-out exposes the supporting joint.

Installation note

Check for damage and good seating. Replace self-locking hexagon socket bolts.



P35-5521-13

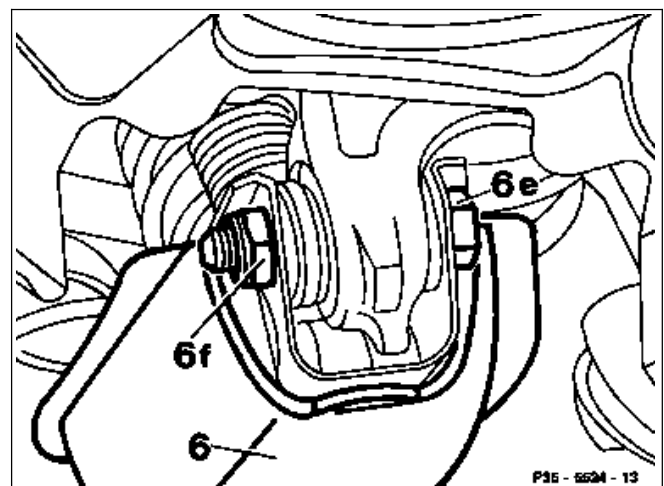
- 6 Unscrew self-locking hexagon nut (6f) on spring link and remove with hexagon bolt (6e).

Installation note

Replace self-locking hexagon nut.

Tightening torque 120 Nm.

Torque wrench 001 589 66 21 00.

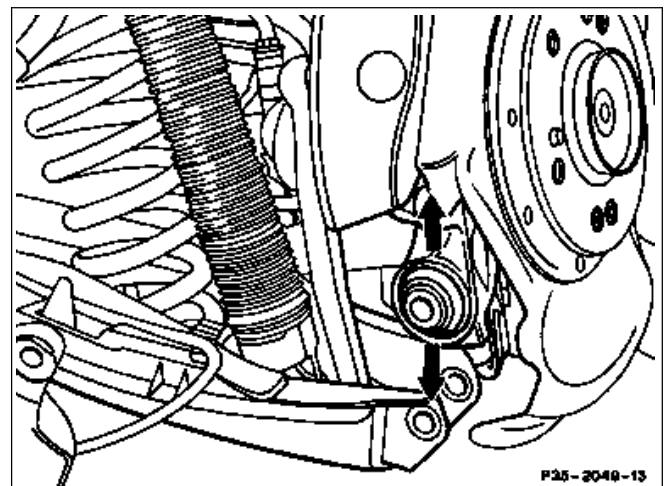


P35-5524-13

- 7 Press wheel carrier upwards out of spring link (arrows).

Installation note

When installing wheel carrier in spring link ensure that rubber cup seals on supporting joint are not damaged.



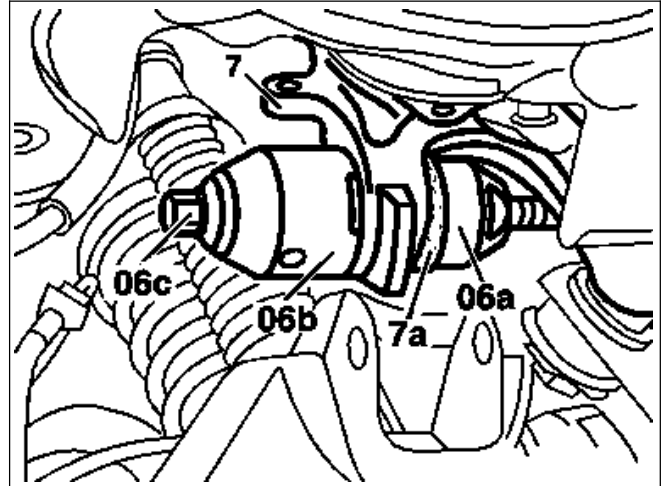
P35-2049-13

- 8 Pull supporting joint (7a) out of wheel carrier (7) with extractor/pulling-in equipment 202 589 00 43 00 consisting of thrust piece (06a), steadying bush (06b) and clamping bolt (06c).

Note

The cut-out in the steadying bush (06b) must point outward toward the wheel carrier (7).

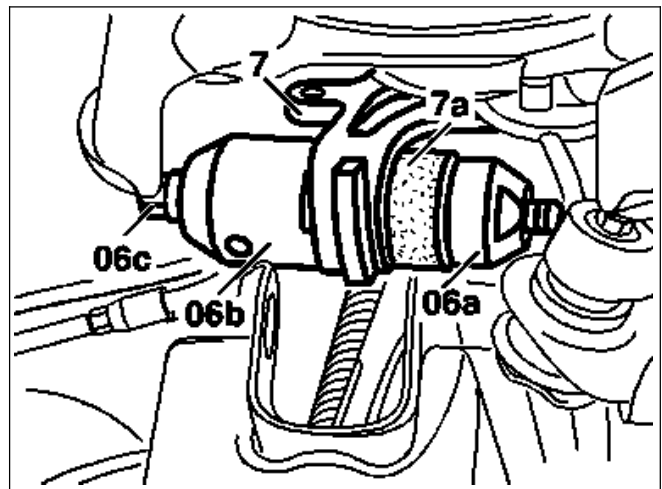
- 9 Take off extractor/pulling-in equipment together with supporting joint.



P35-5898-13

- 10 Pull supporting joint (7a) into wheel carrier (7) with extractor/pulling-in equipment 202 589 00 43 00 (06a-06c).

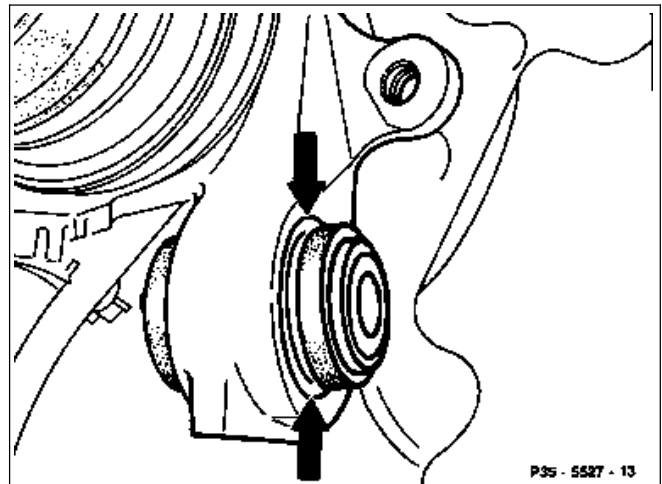
- | | |
|-----|------------------|
| 06a | Thrust piece |
| 06b | Steadying bush |
| 06c | Clamping bolt |
| 7 | Wheel carrier |
| 7a | Supporting joint |



P35-5899-13

Installation note

The supporting joint is correctly seated in the wheel carrier when the supporting joint is located in the center of the eye of the wheel carrier chamfer (arrows).



P35 - 5527 - 13

P35-5527-13

- 11 Reinstall in opposite order.