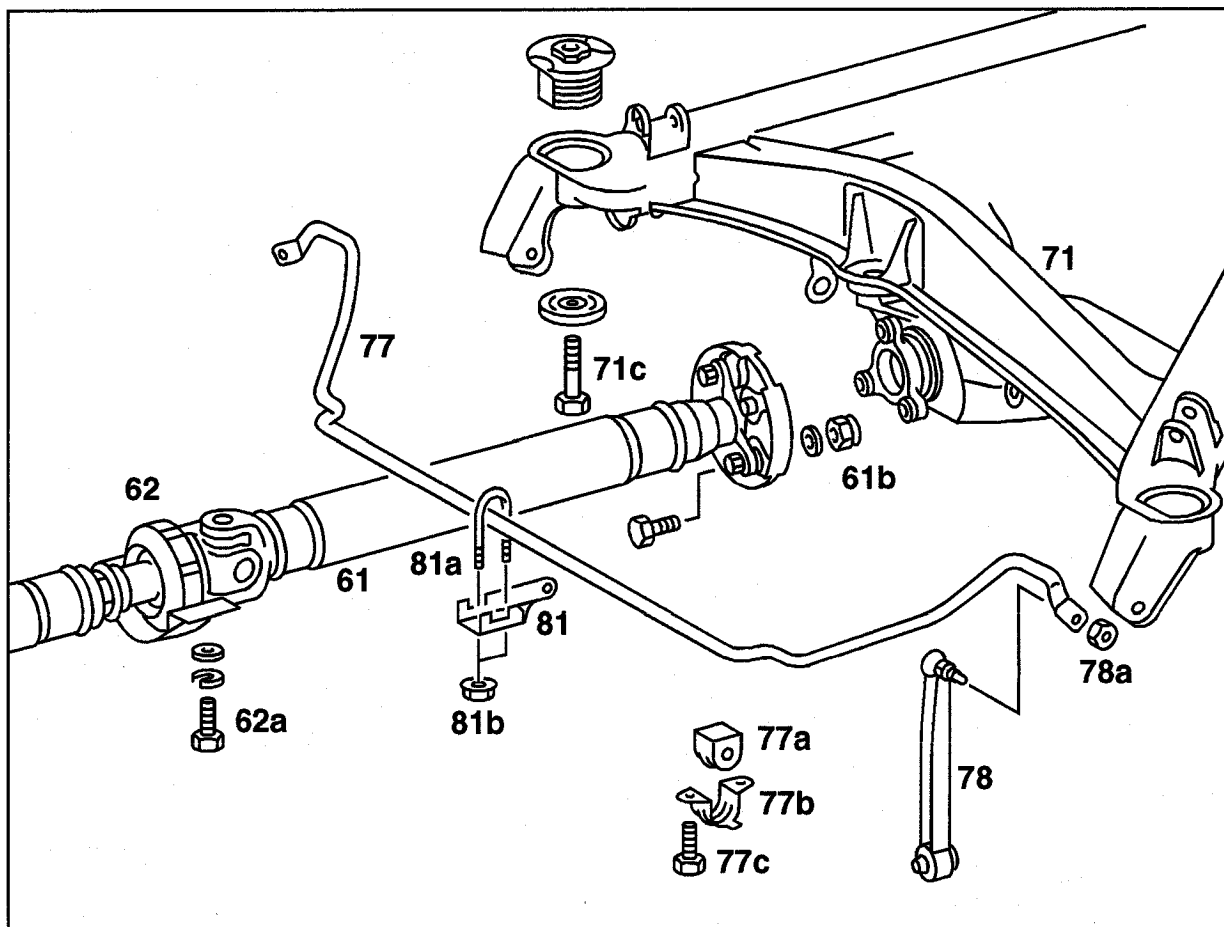


32-310 Removing and installing rear torsion bar



P32.20-0220-57

Vehicle	lift at rear, lower, remove rear wheels, reinstall. Lug bolts 110 Nm.
Connecting rod (78)	unscrew of torsion bar (77), screw on (items 2, 9, 17). Replace self-locking hex. nut (78a), 30 Nm.
Mounting bracket (77b)	unscrew of frame floor, screw on (items 3, 12). Replace self-locking hex. bolts (77c), 28 Nm.
Propeller shaft intermediate bearing (62)	unscrew of frame floor, screw on (items 4, 15). Replace self-locking bolts (62a), 25 Nm.
Propeller shaft (61)	unscrew of rear axle center assembly, screw on (items 5, 14). Replace self-locking hex. nuts (61b), tightening torque M10 = 40 Nm, M12 = 60 Nm.

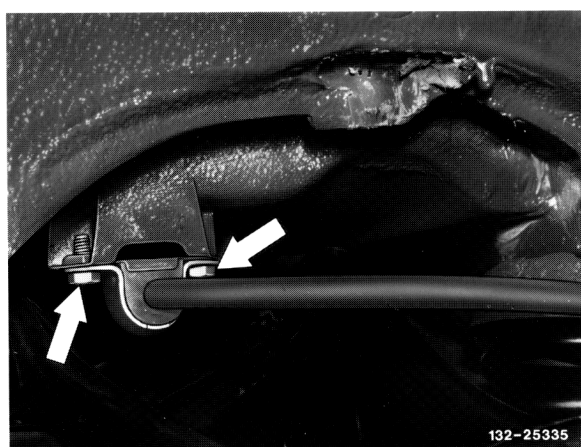
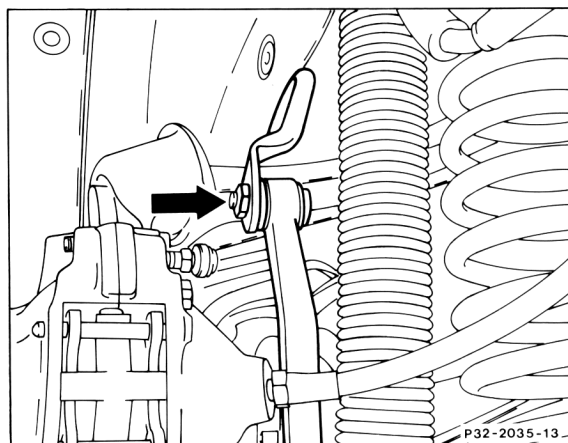
ABS speed sensor	remove, install (item 6, 16). Replace self-locking Allen bolts, 8 Nm.
Rear axle center assembly	support with car jack or pit lift.
Rear axle (71)	screw both front mounts off of frame floor, screw on and lower rear axle slightly (items 7, 13). Replace self-locking hex. head bolts (71c), 70 Nm.
Torsion bar (77)	remove, install (items 8, 11).

Vehicles with level control

Self-locking nut (81b)	unscrew, screw on, replace. Remove mounting bracket (81a) and lever (81), reinstall. When assembling ensure that lever (81) is properly seated on surface on torsion bar (77)!
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Removal

- 1 Lift vehicle at rear, remove rear wheels.
- 2 Unscrew both hex. nuts (arrow) for left and right connecting rods.
- 3 Unscrew hex. head bolts for torsion bar mount on frame floor, remove rubber mount.



- 4 Loosen propeller shaft intermediate bearing.

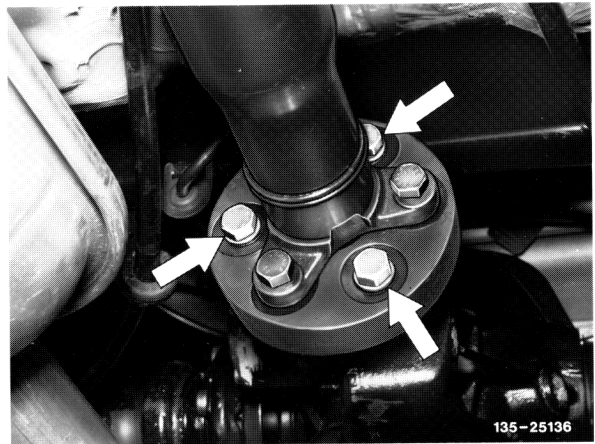
Note: This step
can be skipped.

-dm



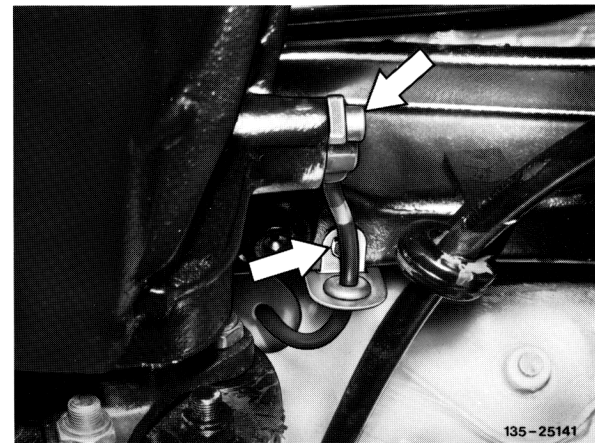
- 5 Separate propeller shaft from rear axle center assembly.

Note: After
removing the 3
bolts you must
pry the drive
shaft forward. It
will not be easy!
-dm



- 6 On vehicles with ABS remove speed sensor together with cable (arrows) after loosening Allen screw.

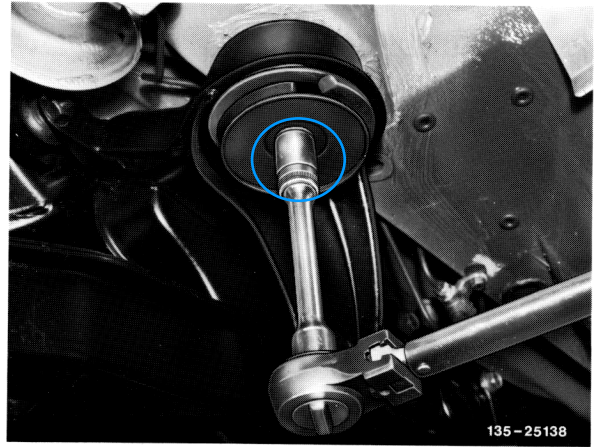
Note: This step
can be skipped.
Just watch the
cable when
lowering the
subframe.



- 7 Unscrew both hex. head bolts for rear axle front mount on frame floor while supporting rear axle center assembly with car jack.

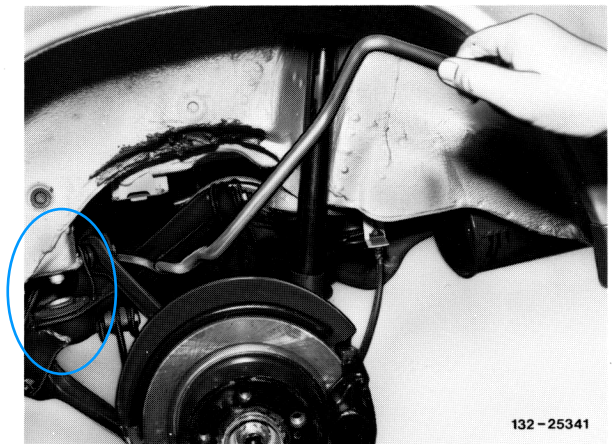


Note: These 2 bolts were installed with threadlocker and require quite a bit of force to remove!

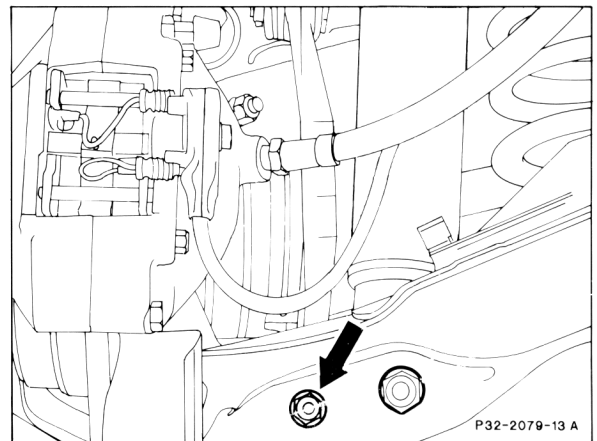


8 Lower rear axle slightly and remove torsion bar to left after turning as required.

Note: Notice gap between subframe mount and the body, lower it as little as required to remove the bar.



9 If it is also necessary to remove the connecting rod, remove it after screwing off the hex. head bolt with nut (arrow) (spring link cover removed).



Installation

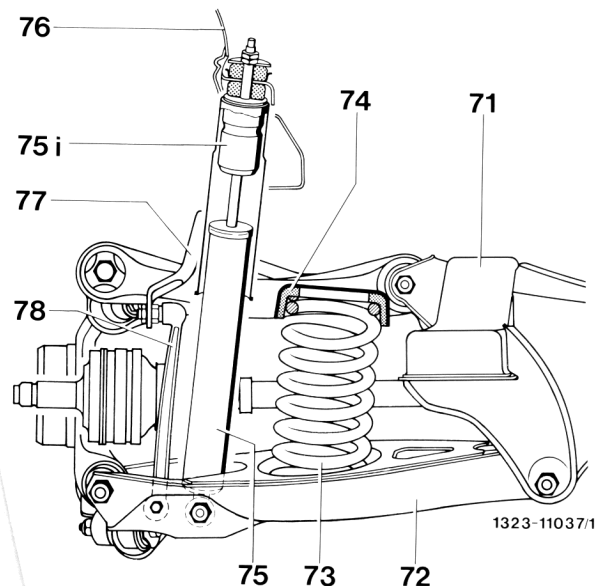
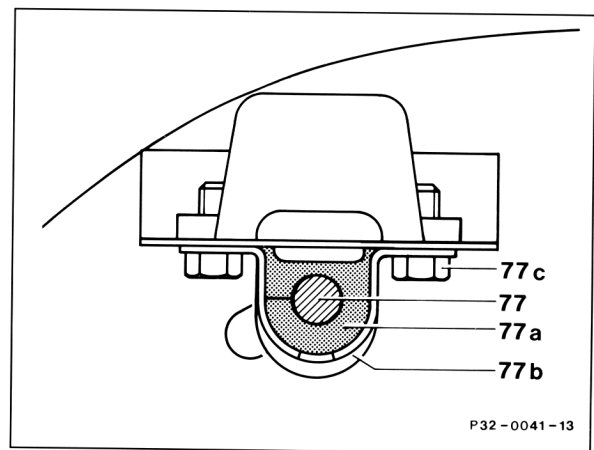
10 Check rubber mounts for torsion bar and connecting rods, and replace if necessary.

11 Insert torsion bar so that torsion bar arm offset points downwards and toward rear of vehicle (arrow).

Slide on left and right rubber mounts (slit toward front).

12 Fasten torsion bar to frame floor with mounting bracket on left and right. Tightening torque for new self-locking hex. head bolts 20 Nm.

- 77 Torsion bar
- 77a Rubber mount
- 77b Mounting bracket
- 77c Hex. head bolt



- 71 Rear axle carrier
- 72 Spring link
- 73 Rear spring
- 74 Rear spring rubber mount
- 75 Shock absorber
- 75i Rebound stop
- 76 Dome on frame floor
- 77 Torsion bar
- 78 Connecting rod for torsion bar

Installation

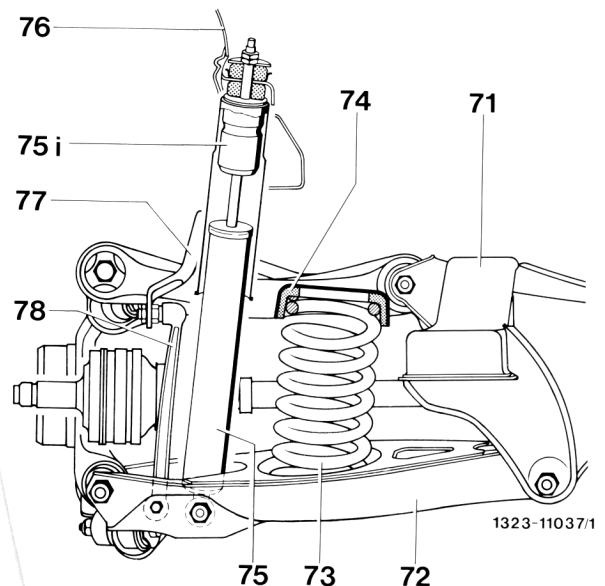
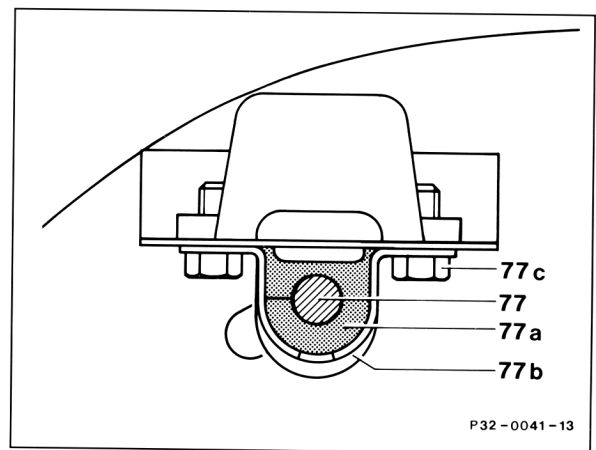
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- 73 Rear spring
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- 75 Shock absorber
- 75i Rebound stop
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- 77 Torsion bar
- 78 Connecting rod for torsion bar

Revisions, steel spring suspension, models 124, 201

This microfiche replaces microfiche 07 102 2230 02.
Destroy the previous microfiche, which is no longer valid.

Model 124.06 (convertible) has been newly included.
The "match-up tables for shock absorber struts/shock absorber/spring struts" as well as "spring settings" for the vehicle model can be found with the aid of the parts microfiche.
The operation numbers for repair orders are given on the microfiche "Operation texts and times allowed or standard texts and flat rates".

A survey of the changes and supplements is given below in key words. Some are already familiar from introduction into service documents and service information bulletins published previously. The affected operation numbers are given.

Coordinates

Socket 124 589 00 09 00 for installing shock absorber struts newly included

32-100	Removing and installing shock absorber strut	A	2
32-200	Removing and installing front spring	A	6

Socket wrench 202 589 00 09 00 for installing shock absorber newly included

32-110	Removing and installing rear shock absorber	A	3
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New front spring compressor 202 589 01 31 00 and tensioning plates 202 589 13 63 00

32-100	Removing and installing shock absorber strut	A	2
32-200	Removing and installing front spring	A	6

New front spring compressor 202 589 02 31 00 and tensioning plates 202 589 13 63 00

32-230	Removing and installing rear spring	A	7
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Other revised work descriptions (text revised, supplemented)

32-120	Checking shock absorber struts (front)	A	4
32-121	Checking shock absorbers (rear)	A	5
32-250	Test values for springs	A	8
32-300	Removing and installing front torsion bar	A	9
32-310	Removing and installing rear torsion bar	A	10

Contents, steel spring suspension, models 124, 201

	Technical modifications	A	1
	Shock absorber struts – shock absorbers		
32-100	Removing and installing shock absorber strut	A	2
32-110	Removing and installing rear shock absorber	A	3
32-120	Checking shock absorber struts (front)	A	4
32-121	Checking shock absorbers (rear)	A	5
	A. Version up to 11/86	A	5
	B. Version as of 12/86	K	5
	Springs		
32-200	Removing and installing front spring	A	6
32-230	Removing and installing rear spring	A	7
32-250	Test values for springs	A	8
	Torsion bars		
32-300	Removing and installing front torsion bar	A	9
32-310	Removing and installing rear torsion bar	A	10
	Revisions	L	18