

C Supplement 1987

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Pedals

Models 201.028/1029

Due to the increased contact pressure of the clutch pressure plate, a stronger over-center spring is installed.

The clutch pedal travel is 150 mm.

Suspension

Models 124.026, 201.028/029/128

Springs

The front springs and rubber mounts are adapted to the increased front axle load (see testing and adjusting values).

Torsion bars

On models 201.029/1128, a new front torsion bar is installed. As in model 124, the torsion bar diameter is reduced at each of the wishbone bearings.

Model	Torsion bar diameter (mm)	
	Front Axle	Rear Axle
201.028	22	13
201.029	25	14
201.128	24	13

Damper (shock absorber) struts - front axle

On models 201.029 and 201.128, the front damper strut is adapted to the increased front axle load.

Color code = 4 red stripes

The wire stop ring used to hold the bellows (sleeve) in place on the damper strut is replaced with a plastic ring.

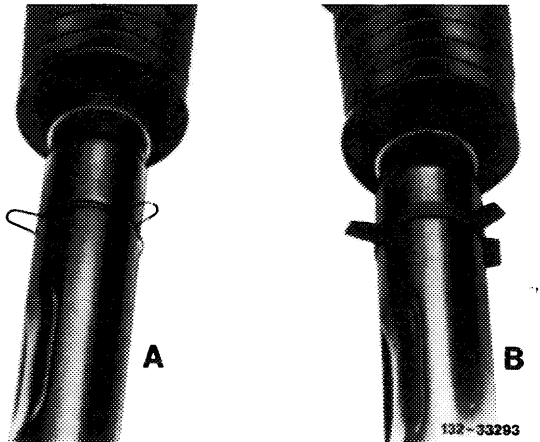


Fig. 32/1

A previous version
B new version

The plastic ring (B) replaces the wire stop ring (A) on all models.

Models 201.028/029/128

Cross reference, springs – shock absorbers

Model	Front spring Part Number	Damper strut Part Number	Rear spring Part Number	Rear shock absorber Part Number
201.028	201 321 22 04 201 321 23 04	201 320 14 30	201 324 25 04	201 326 08 00
201.029 201.128	201 321 23 04	201 320 20 30		

When installing springs, refer to tables "Adjustment of Springs"!

Front springs – number of points

Base points ¹⁾ (standard vehicle)	Model 201.028	37 ²⁾
	Model 201.029	46 ³⁾
	Model 201 .128	53
Additional points for option	Anti-lock brake system (ABS)	2
	Sliding roof	2
	Headlamp cleaning system	1

¹⁾ The base points include: Automatic transmission, Tempmatic climate control, anti-lock brake system (ABS) only models 201.029/128, supplemental restraint system (SRS).

²⁾ With 5-speed manual transmission 33 base points.

³⁾ With 5-speed manual transmission 42 base points.

Adjustment of front springs

Total points	Front spring Part Number	Height of rubber mounts (mm) according to total points and spring color code	
		blue	red
31–35	201 321 22 04	13	18
36–40	201 321 22 04	18	23
41–46	201 321 23 04	8	13
47–51	201 321 23 04	13	18
above 51	201 321 23 04	18	23

Wear springs - number of points

Basic points') (standard vehicle)	Model 201.028	8 ²⁾
	Model 201.029	9 ³⁾
	Model 201 .128	14
Additional points for option	Sliding roof	3

1) The base points include: Automatic transmission.

2) With 5-speed manual transmission 7 base points.

3) With 5-speed manual transmission 8 base points.

Adjustment of rear springs

Total points	Rear spring Part Number	Height of rubber mounts (mm) according to total points and spring color code	
		blue	red
up to 10	201 324 25 04	8	13
11–16	201 324 25 04	13	18
above 16	201 324 25 04	18	23

Front axle

Models 201

Wishbone (control arm)

The wishbones are the same as in model 124.

The front and rear torsion rubber bushings for the wishbones are also from model 124.

Steering knuckle

The steering knuckle arms (arrow) were reinforced.

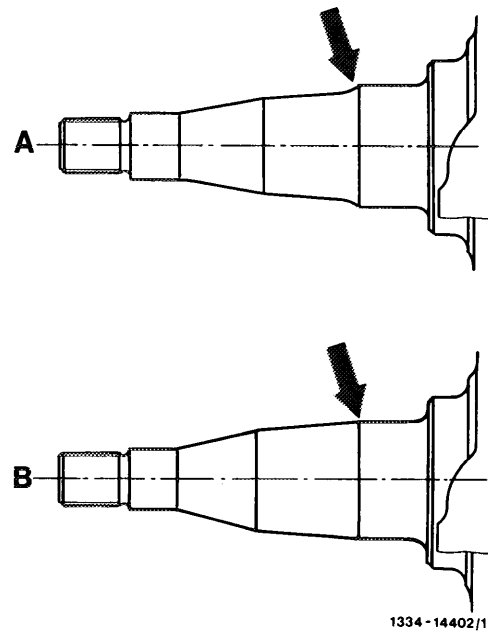


Fig. 33/1

A Version up to July 1986
B Version as of August 1986

The bearing dimensions remain unchanged.

In the future, the new version steering knuckle will be phased into production on all 201 models and will supersede the existing replacement part.

Rear axle

Models 124.026, 201.028/029/128**General information**

The rear axle is similar to that of model 201.034, however, without the limited slip differential.

Models 124,201**Wheel guidance**

During Model Year 1986, the reinforced pulling link from the 124 Station Wagon was also phased into production on the above models (material thickness = 3.0 mm, previously 2.75 mm). The previous prevention marks (2 bumps) are no longer present.

Gear set and rear axle shaft

Model	Transmission	Rear axle center piece		Number of teeth	Pinion shaft flange dia. mm	Rear axle shaft with constant velocity joints	
		Ring gear dia. mm	Ratio			Ball dia. mm	Inner bolt circle dia. mm
124.026	All	185	3.27	49:15	90	22.225	94 ²⁾
201.028						19.05	86 ¹⁾
201.029						22.225	94 ²⁾
201.128			2.65	45:17			

¹⁾ The grease capacity is 100 g.

²⁾ The grease capacity is 120 g.

Wheels, chassis measurements

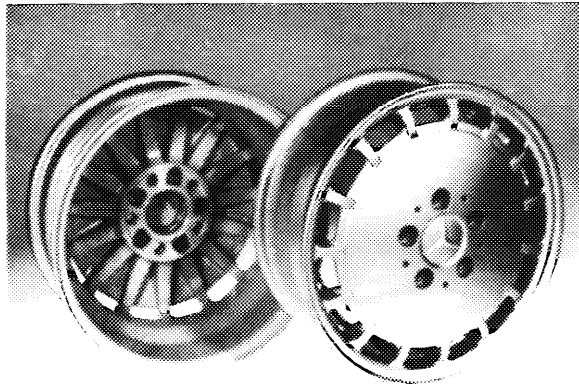
Models 124.026, 201.028/029/128**Cross-reference, rims – tires – recommended tire brands**

Model	Rim designation Part. Number	Summer tires Belted (radial) tubeless		Winter tires Belted (radial) tubeless	
		Tire size	Tire brand	Tire size	Tire brand
124.026	6 ½ J x 15 H2 ET 49 light alloy 1244001802 (124 400 19 02)	195/65 VR 15	CONTINENTAL CV 51 GOODYEAR EAGLE NCT 65 MICHELIN MXV PIRELLI P 6 UNIROYAL rallye 340/65	195/65 R 15 91 T M+S	CONTINENTAL SUPER CONTACT TS 740 PIRELLI MS WINTER 190
201.028 201.128	6 J x 15 H2 ET 49 light alloy 201 400 15 02 (201 400 16 02)	185/65 R 15 87 H	CONTINENTAL CH 51 DUNLOP D8 MICHELIN MXV PIRELLI P6	185/65 R 15 87T M+S	CONTINENTAL TS 740 GOODYEAR ULTRA GRIP 3
201.029		185/65 VR 15	MICHELIN MXV UNIROYAL rallye 340/65		

Light alloy rims

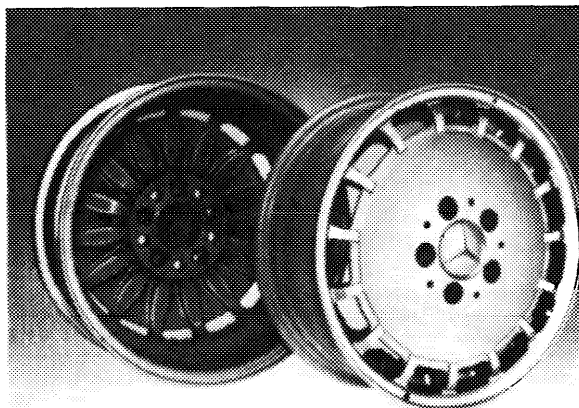
Models 201.028/029/128 are equipped with vented front disc brakes requiring new light alloy rims with modified ribs on the inside of the rim.

This version of the light alloy rim replaces the previous version for all model 201 vehicles.



140-29439

Fig. 40/1 Previous version



140-33395

Fig. 40/2 New version

Note:
14" rims must not be used.

Tire inflation pressure

Tire pressure label:

Models 201.028

Basic color red, color of lettering silver.

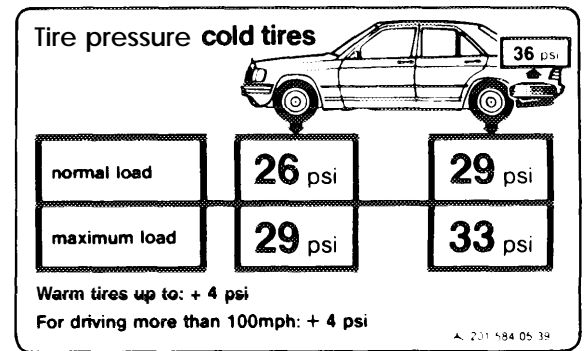


Fig. 40/4

Models 201.029/128

Basic color silver, color of lettering red.

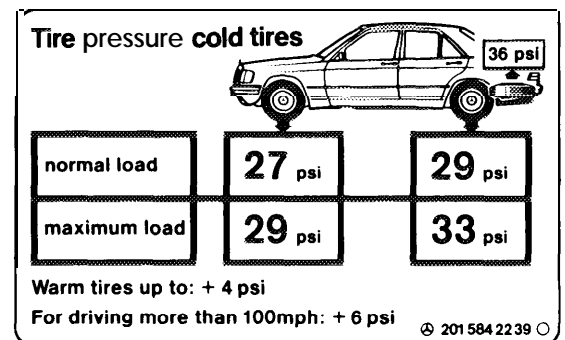


Fig. 40/5

Models 124 and 201

Additional mechanical chassis alignment

As in model 124, the transmission tunnel cross-member is attached to the frame floor with screws, thus requiring special tool 124 589 27 63 00 with the central check bore "K" for chassis measurement and alignment.

The attachment is adjustable and fits model 124 as well as 201.

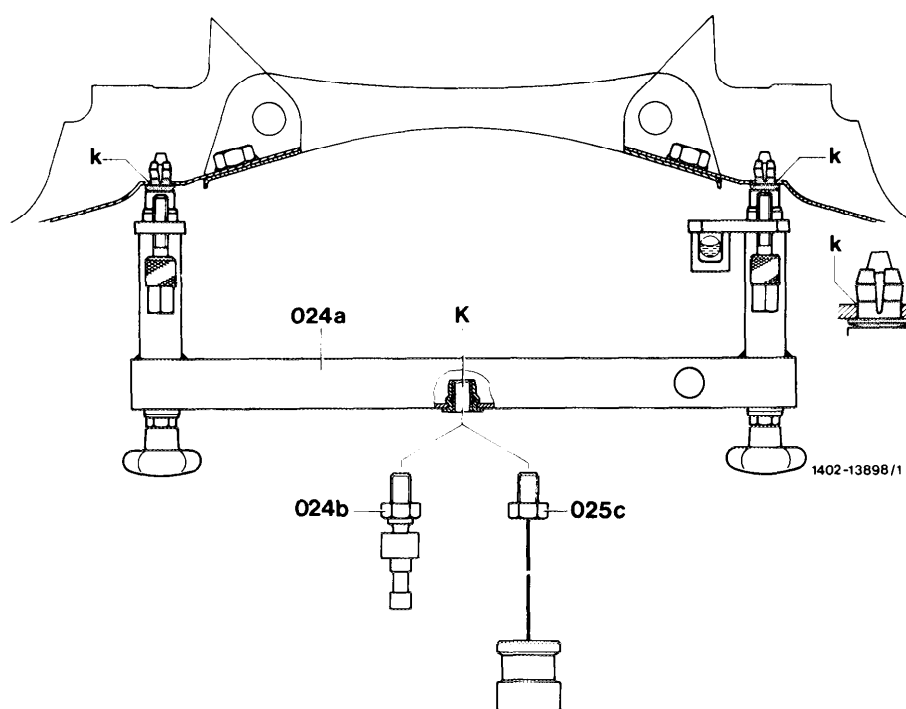


Fig. 40/6

024 a Attachment with alignment level
 024 b Retaining pin for telescopic measuring rod for wheel base measurement

025 c Plumb bob for chassis alignment
 K Check bore in special tool
 k Check bore in frame floor

Propeller shaft

Model 201.028/029/128

The tube diameter of the front and rear shaft is 60 mm. The bolt circle diameter of the shaft flange is 90 mm.

Models equipped with manual transmission have vibration dampers with metal sleeves.

Model 201.028 with automatic transmission has a vibration damper without metal sleeves.

Model 201.029 with automatic transmission does not have a vibration damper.

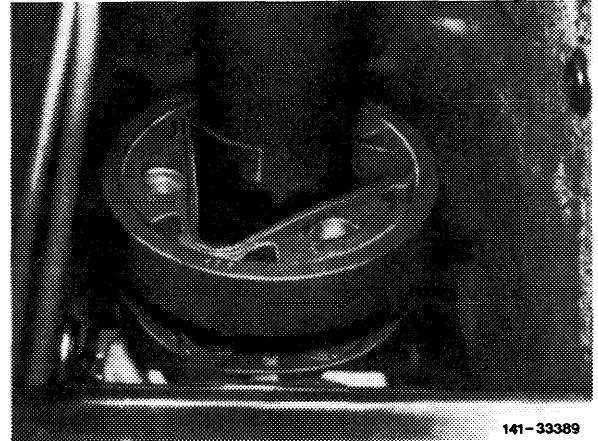


Fig. 41/1 Vibration damper with rollers

Flexible couplings

A soft flexible coupling is used on the transmission side to cushion acceleration and deceleration shock loads. A standard flexible coupling is used on the rear axle.

Brakes

Model 201.028/029/128

Front wheel brake

The vented brake disc dia. is 262 mm, its thickness is 22 mm.

The floating calipers have a piston dia. of 54 mm. The brake pads are sound absorbing.

Model 201.029/128

Brake booster and tandem master cylinder

A dual diaphragm brake booster with respective diameters of 8" and 9", is installed.

The tandem master cylinder bore diameter for the primary circuit is 23.81 mm and for the secondary circuit 19.05 mm.

Steering

Model 201.029/128

Power steering pump

The pressure relief valve opens at 85 ± 5 bar.

Exhaust system

Model 201.028

The catalyst system is identical to model 201.024.

Center and rear mufflers

To provide sufficient noise suppression, the mufflers were specifically adapted to the engine. The rear muffler tailpipe is bent downwards.

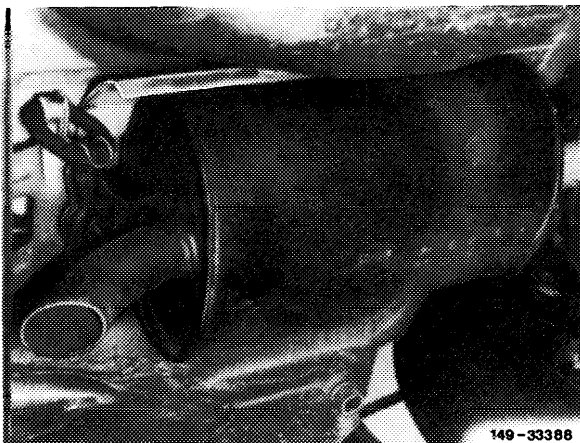


Fig. 49/1

Model 201.029

The catalyst system consists of two primary catalysts with a diameter of 90 mm each and a 9" long under-floor catalyst.

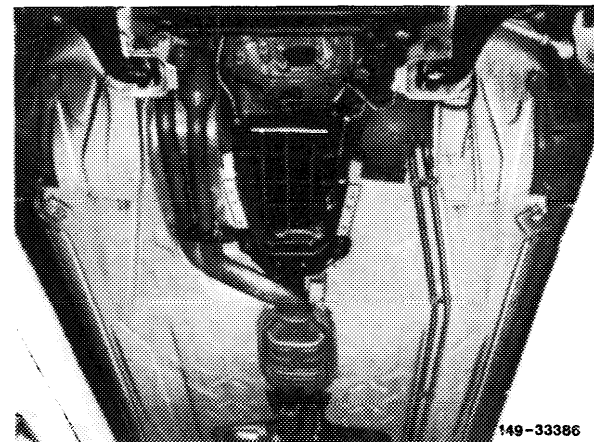


Fig. 49/2