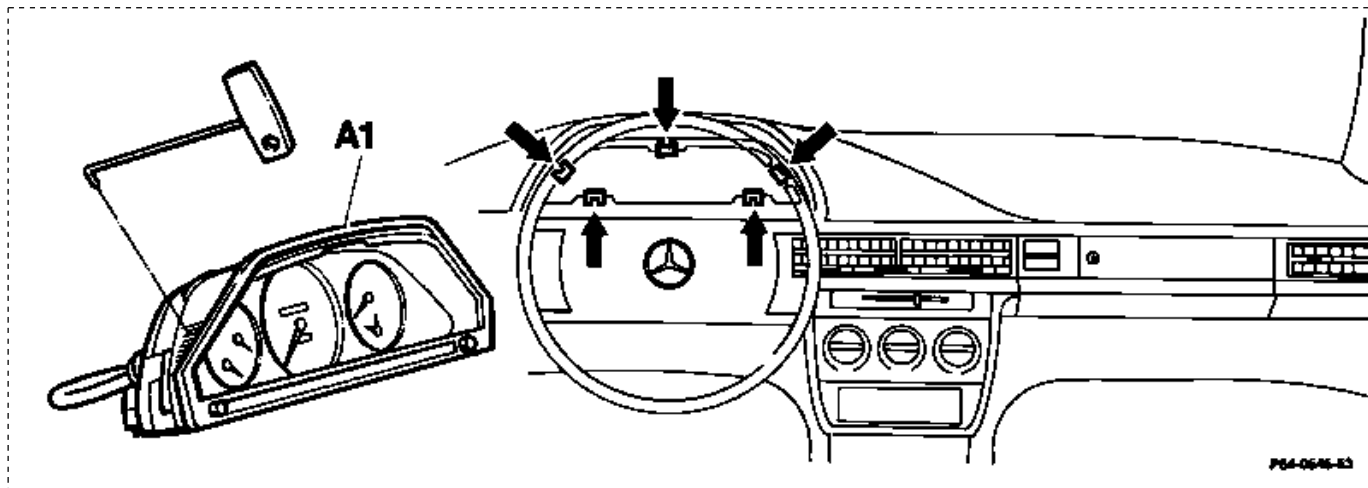


54-0250 Removal and installation of instrument cluster

Preceding work:

Cover below instrument panel left removed (68-0150).



Ground lead to battery..... disconnect, reconnect.

Hose from left ventilation nozzle..... remove, install.

Speedometer cable from below..... unscrew, screw on.

Note

This must positively be done before pulling out the instrument cluster, even if the instrument cluster is only pulled out half, e. g. for replacing bulbs.

The speedometer cable must not be kinked or stretched.



Place a cloth on the jacket tube in order to avoid scratches.

Instrument cluster (A1)..... pull out with extractor hook 140 589 03 33 00. Carefully insert extractor hook with the offset facing down between instrument cluster and instrument panel and turn by 90°.

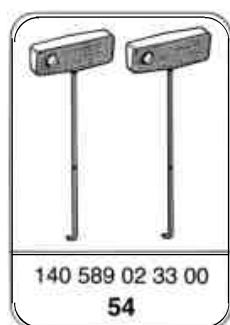
Carefully pull out extractor hook until it engages in the recess on the instrument cluster. The instrument cluster is held in place by five spring clips (arrows) attached to the instrument panel. When installing the instrument cluster, uniformly push into the instrument panel.

Electrical connections..... disconnect, reconnect.

Line for oil pressure gauge..... unscrew, screw on (up to 10/84).

Instrument cluster (A1)..... remove, reinstall.

Special tool

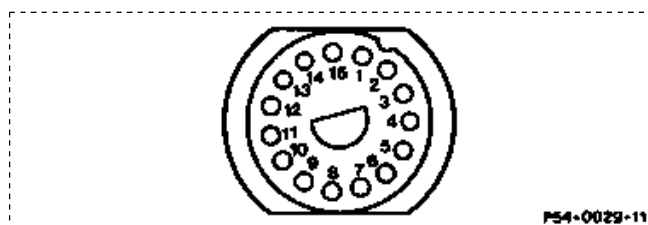


A. Assignment of 15-pole coupling of instrument cluster

Note

2nd version and model 201.034 of 1st version are equipped with engine oil, coolant and wind-shield washing water level indication.

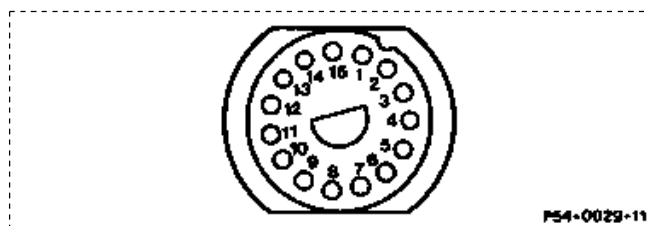
1st version up to 09/84



No.	Designation	Wire cross section	Wire color coding
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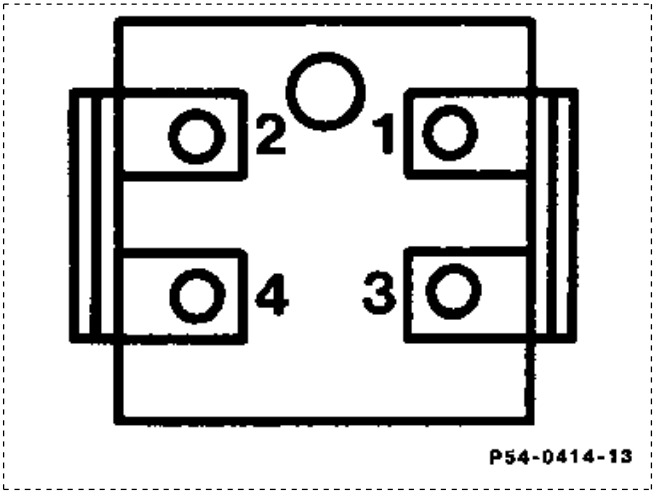
1	Ground	0.5	brown
2	Fuel tank reserve indication sensor	0.5	blue/green
3	High beam indicator lamp	0.5	white/blue
4	Vacant	-	-
5	Brake lining wear indicator lamp	0.5	brown/red
6	Terminal 15 protected	0.5	black/blue
7	Terminal 15 unprotected	0.5	blue/red
8	Indicator lamp ignition terminal 61	0.5	blue
9	Brake fluid indicator lamp	0.5	brown/red/white
10	Preglow system indicator lamp (only diesel vehicles)	0.5	black
11	Right turn-signal indicator	0.5	black/green
12	Left turn-signal indicator	0.5	black/white
13	Instrument lighting terminal K	0.5	grey/green/purple
14	Coolant temperature sensor	0.5	green
15	Fuel gauge sensor	0.5	blue/black

1st version Model 201.034 up to 09/84



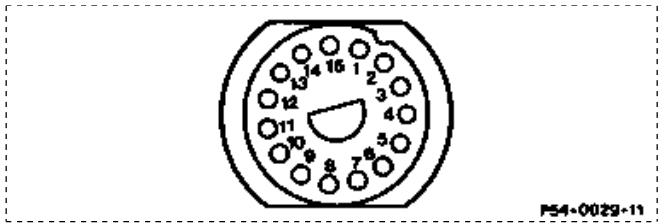
No.	Designation	Wire cross section	Wire color coding
1	Ground	0.5	brown
2	Coolant temperature sensor	0.5	green
3	Fuel gauge sensor	0.5	blue/black
4	Fuel tank reserve indicator sensor	0.5	blue/green
5	Engine oil level indication switch	0.5	brown/blue/yellow
6	Fuse 9, terminal 15, oil temperature gauge/voltmeter/clock	0.5	black/blue
7	High beam indicator	0.5	white/blue
8	Terminal 15 unprotected ignition starter switch	0.5	blue/red
9	Charge indicator lamp terminal 61	0.5	blue
10	Contact sensor brake lining wear indication	0.5	brown/red
11	Brake fluid indicator lamp switch	0.5	brown/red/white
12	Coolant level indicator switch	0.5	brown/green
13	Right turn-signal indicator	0.5	black/green
14	Left turn-signal indicator	0.5	black/white
15	Rotary light switch terminal K	0.5	grey/green/purple

Assignment of 4-pole coupling of instrument cluster 1st version



No.	Designation	Wire cross section	Wire color coding
1	Windshield washer system tank	0.5	brown/blue/white
2	Terminal block terminal 58d	0.5	grey/blue
3	Parking brake switch	0.75	brown/red/white
4	Warning buzzer contact	0.75	brown/green

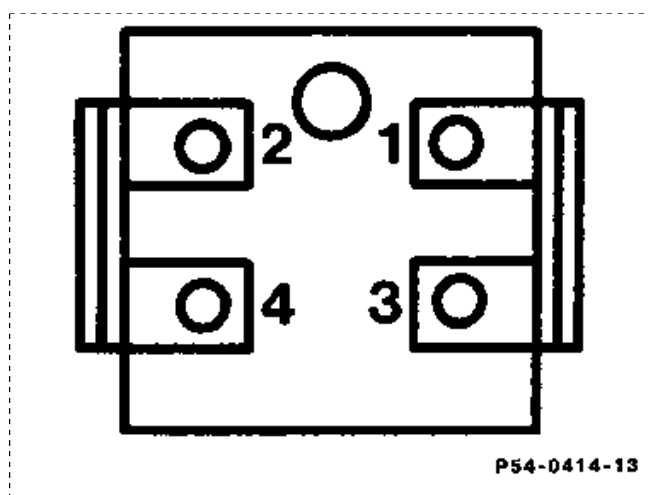
2nd version as of 10/84



No.	Designation	Wire cross section	Wire color coding
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1	Ground	0.5	brown
2	Coolant temperature sensor	0.5	green
3	Immersion tube sensor fuel gauge	0.5	blue/black
4	Immersion tube sensor fuel reserve indication	0.5	blue/green
5	Switch engine oil level gauge	0.5	brown/blue/yellow
6	Fuse 9, terminal 15,	0.5	black/blue
	oil temperature gauge/voltmeter/stop clock	0.5	black/blue
7	High beam indicator lamp	0.5	white/blue
8	Terminal 15 unprotected ignition starter switch	0.5	blue/red
9	Charge indicator lamp terminal 61	0.5	blue
10	Contact sensor brake lining wear indication	0.5	brown/red
11	Switch brake fluid indicator lamp	0.5	bronw/red white
	Switch parking brake	0.5	brown/red white
12	Switch coolant level indication	0.5	brown/green
13	Rotary light switch terminal K	0.5	grey/green
14	Left turn-signal indicator	0.5	black/white
15	Right turn-signal indicator	0.5	black/green

Assignment of 4-pole coupling of instrument cluster 2nd version



No.	Designation	Wire cross section	Wire color coding
1	Windshield washer system tank	0.5	brown/blue white
2	Terminal block terminal 58d	0.5	grey/blue
3	Warning buzzer contact	0.75	brown/green
4	Oil pressure sensor	0.75	brown/white