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Design programme **SL-Class R230**

based on Mercedes-Benz SL-Class R230



# Avalange I programme SL R230



## Aerodynamics

### 1 Avalange I front spoiler bumper

The worldwide first front bumper with integrated LED daytime running lights for the Mercedes-Benz SL designed by PIECHA is the trademark for sporty and elegant tuning and unites elements of the DTM and the facelift of 2008. The Avalange 1 front bumper is usable for every SL R230 up 2001 till facelift 2008. The scope of delivery contains LED daytime running lights, fog lights and the light cleaning flaps.

PIECHA Avalange 1 front bumper with PDC brackets* up 2001 till facelift 06	230-1-120
PIECHA Avalange 1 front bumper with PDC brackets* up facelift 2006 till facelift 2008	230-1-121

### 2 Avalange RS side skirts \*

Usable for every SL R230 up 2001 including facelift 2008 models

PIECHA Avalange RS side skirt right side	230-1-201
PIECHA Avalange RS side skirt left side	230-1-202

### 3 Avalange AMG rear diffuser insert \*

Rear diffuser insert for original AMG rear bumper for SL 55 or SL 65 up 2001 till FL 2008.

4-pipe version usable for AMG and PIECHA QUADRO exhausts

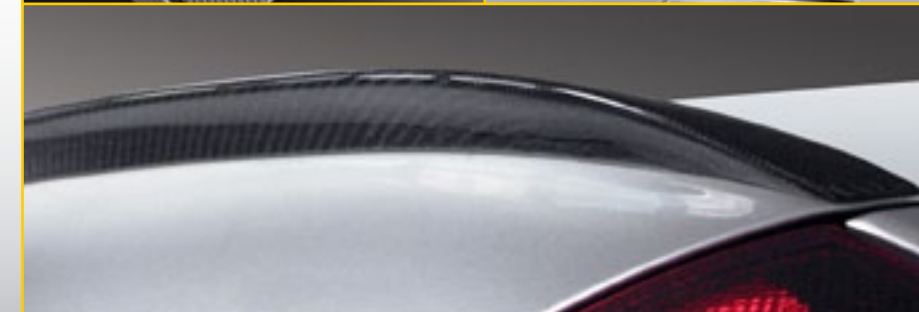
PIECHA Avalange AMG rear diffuser insert	primed version	230-1-303
PIECHA Avalange AMG rear diffuser insert	additional charge	L230-1-303
PIECHA Avalange AMG rear diffuser insert	in real carbon surface	C230-1-303

### 4 Avalange trunk lid spoiler \*

The aerodynamically styled trunk lid spoiler lip is usable for every SL R230.

It causes an extra down force on the rear axle and integrates elegantly into the rear end.

PIECHA Avalange trunk lid spoiler primed	230-1-400
PIECHA Avalange trunk lid spoiler in real carbon surface	C230-1-400



\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.



# Avalange RS programme SL R230



## Aerodynamics

### 1 Avalange RS front spoiler bumper \*

The timeless elegant and sportive design of the PIECHA Avalange RS front spoiler bumper is for all 4-eyes SL R230 up 2001 till facelift 2008.  
Newly designed front spoiler in distinctive SL63 AMG look with integrated single-lamella-grill, double gill inserts, LED daytime running lights and fog lights with chrome rings.

PIECHA Avalange RS front spoiler bumper with PDC brackets	230-1-130
Optional front lip in real	additional charge C230-1-133
Optional original front fixing brackets (not necessary for standard bumper up facelift 2006)	230-9-138

### 2 Avalange RS side skirts \*

Usable for every SL R230 up 2001 including facelift 2008 models  
PIECHA Avalange RS side skirt right side  
PIECHA Avalange RS side skirt left side

230-1-201
230-1-202

### 3 Avalange RS rear skirt \*

Striking elegant Design without protective moldings usable for all SL R230 including Facelift 2008 models.  
Only in 4-pipe version for AMG or PIECHA QUADRO exhausts. With separate diffuser and wide grid insert.

PIECHA Avalange RS rear skirt with PDC brackets till facelift 2008	230-1-310
PIECHA Avalange RS rear skirt with PDC brackets up facelift 2008	230-1-311
Optional diffuser insert in real carbon surface	additional charge C230-1-312

### 4 Avalange trunk lid spoiler \*

The aerodynamically styled trunk lid spoiler lip is usable for every SL R230.  
It causes an extra down force on the rear axle and integrates elegantly into the rear end.  
PIECHA Avalange trunk lid spoiler primed  
PIECHA Avalange trunk lid spoiler in real carbon surface

230-1-400
C230-1-400



\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.



# Facelift programme SL R230



## Aerodynamics after facelift 2008

### 1 Front spoiler lip for standard bumper

PIECHA RS front spoiler lip 3 pieces for standard bumper up facelift 2008 230-1-100  
Optional Middle part of the front spoiler lip 230-1-100 covered in real carbon additional charge C230-1-100

### 2 Front spoiler lip for SL63/65 AMG bumper (not usable for AMG-Styling bumper)

PIECHA RS front spoiler lip 3 pieces for SL 63/65 AMG front bumper up facelift 2008 230-1-101

### 3 Avalange RS-R rear skirt \* (usable for all SL R230 up 2001 including Facelift 2008 models)

Rear bumper with side grill inserts, without protective moldings. Only in 4-pipe version for AMG or PIECHA QUADRO exhausts.

The big separate diffuser contains a complete under floor paneling. The exhaust mufflers are totally covered and the long fins are optimal for the aerodynamic down force airflow.

PIECHA Avalange RS-R rear skirt with PDC brackets till facelift 2008 230-1-313

PIECHA Avalange RS-R rear skirt with PDC brackets up facelift 2008 230-1-314

### 4 Double gill insert for SL 63/65 AMG

PIECHA double gill insert for the right side in SL 63/65 AMG front bumpers 230-4-101

PIECHA double gill insert for the left side in SL 63/65 AMG front bumpers 230-4-102



\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.

# Accessoires SL R230



## Accessoires

- |   |                                                                                                                                                                                                                                                                                                              |                        |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 1 | <b>Side skirt illumination to upgrade in AVALANGE RS side skirts *</b><br>4 LED's on each side including a special cable harness. The LED side skirt illumination is connected with the interior light and shows a very interesting optical illumination of the floor. While driving the LED lights are off. | 000-5-200              |
| 2 | <b>SL-R fender side fins</b><br>For all SL R230 till facelift 2008. The longer chromed SL-R fender side fins with door extensions are simple fastening on existing side fins. They produce a much more dynamic line.                                                                                         | 230-4-500              |
| 3 | <b>Aerowings chromed</b><br>The 6-part chromed Aerowings are a perfect combination to the SL-R side fins. Usable for all SL R230. Simple fastening on original fins.                                                                                                                                         | 230-4-501              |
| 4 | <b>AMG rear lights in clear glass design</b> (usable for all SL R230 up 2001)<br>AMG rear lights with LED technology in smoked glass red including the 3rd break light in smoked glass black.<br>3-part set with 2 rear lights and 3rd break light<br>3rd break light separately in smoked glass black       | 230-5-300<br>230-5-301 |
| 5 | <b>Floor set Avalange RS</b><br>Fit vehicle carpet kit 2-part set in black PREMIUM-STAR velour with color-coordinated mercerized cotton. Original MB attachments and silver/yellow Avalange RS Logo                                                                                                          | 230-4-552              |

\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.



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# Design programme SL R230



## LED daytime running light retrofitting and complete solutions

PIECHA Design is worldwide the only manufacturer who had developed LED daytime running light inserts for retrofit in facelift 2008 SL R230 models.

The car special inserts enclosures are simply exchanged against the serial grid inserts including the fog lights. In order to make the installation as easy as possible, the control module and cable sets are shipped preconfigured and the inserts are painted with a UV resistant special black structure surface.

A detailed installation manual is also included in every set. The LED daytime running lights are alight 100% (very bright) as soon as the ignition is on. When the headlight is switched on, also by automatic control, the LED daytime running lights are dimmed to 20% and act as position lights. The steered headlight function for the fog lights remains. The daytime running lights have an E approval and do not need to be certified by the Technical Control Board.

### The advantages:

- OEM supplier quality
- No Technical Control Board certificate needed
- Simple installation
- Ready-to-install kit, already coated inserts with fog lights
- The LED light sticks are available in black.

### LED daytime running light inserts

- |                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| 1 Daytime running light inserts for SL 63/65 AMG bumper up facelift 2008 | 230-5-110 |
| 2 Daytime running light inserts for standard bumpers up facelift 2008    | 230-5-100 |

### Complete solutions

Front spoiler bumper with integrated LED daytime running lights usable for all SL R230 models up 2001 till facelift 2008

- |                                                                                               |                              |
|-----------------------------------------------------------------------------------------------|------------------------------|
| 3 Avalange I front spoiler bumper *                                                           |                              |
| PIECHA Avalange 1 front spoiler bumper with PDC brackets* up 2001 till facelift 06            | 230-1-120                    |
| PIECHA Avalange 1 front spoiler bumper with PDC brackets* up facelift 2006 till facelift 2008 | 230-1-121                    |
| 4 Avalange RS front spoiler bumper *                                                          |                              |
| PIECHA Avalange RS front spoiler bumper with PDC brackets                                     | 230-1-130                    |
| Optional front lip in real carbon                                                             | additional charge C230-1-133 |
| Optional original front fixing brackets (not necessary for standard bumper up FL2006)         | 230-9-138                    |

\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.





# Design programme SL R230



## Aluminium rim programme

<b>1 PIECHA MP1 MONOBLOCK</b>			
High-Tech rim in brand new interpreted convex turbine-design. Developed and designed for maximum 8 piston break system. Delicate and hidden wheel connection zone. Lightweight construction and maximum wheel strength. No body work required. Fine Titan satin matt surface with polished racks and outline rims.			
PIECHA MP1 Monoblock front axle 9.5 x 19 offset 30	Tyres: 255/35 R19		MP1-951930-3
PIECHA MP1 Monoblock rear axle 10.5 x 19 offset 35	Tyres: 285/30 R19 or 295/30 R19		MP1-1051935-3
PIECHA MP1 Monoblock front axle 9.5 x 20 offset 25	Tyres: 255/30 R20		MP1-952025-3
PIECHA MP1 Monoblock rear axle 11 x 20 offset 35	Tyres: 295/25 R20 or 305/25 R20		MP1-112035-3
<b>2 PIECHA DP1 CC</b>			
3-part high-end rim with extremely stable 2.5 mm Radinox stainless steel high gloss polished outer rim; center in high gloss silver with central lid			
PIECHA DP1 CC 3-part (Compleat set of 4 wheels)			DP1-9510520-1
Front axle 9.5 x 20 offset 27 for 255/30 R20	rear axle 10.5 x 20 offset 32 for 305/25 R20		
PIECHA DP1 CC 3-part (Compleat set of 4 wheels)			DP1-9511520-1
Front axle 9.5 x 20 offset 27 for 255/30 R20	rear axle 11.5 x 20 offset 32 for 305/25 R20		
<b>3 PIECHA DP2 Phantom</b>			
Single-part rims in multipart appearance with stainless steel panel and deep well, silver or silk mat black.			
PIECHA DP2 Phantom front axle 8.5x19 offset 20 silver	Tyres 255/35 R19		DP2-851920-1
PIECHA DP2 Phantom rear axle 9.5x19 offset 20 silver	Tyres 285/30 R19		DP2-951920-1
PIECHA DP2 Phantom front axle 8.5x19 offset 20 black	Tyres 255/35 R19		DP2-851920-2
PIECHA DP2 Phantom rear axle 9.5x19 offset 20 black	Tyres 285/30 R19		DP2-951920-2
PIECHA DP2 Phantom front axle 9.5x20 offset 30; outer rim 2.5" silver	Tyres 255/30 R20		DP2-952030-1
PIECHA DP2 Phantom rear axle 10.5x20 offset 30; outer rim 3.5" silver	Tyres 305/25 R20		DP2-1052030-1
PIECHA DP2 Phantom front axle 9.5x20 offset 30; outer rim 2.5" black	Tyres 255/30 R20		DP2-952030-2
PIECHA DP2 Phantom rear axle 10.5x20 offset 30; outer rim 3.5" black	Tyres 305/25 R20		DP2-1052030-2
<b>4 PIECHA DP3 Avalange</b>			
Single-part rims in multipart appearance with stainless steel panel and deep well (stainless steel panel is exchangeable), silver or silk mat black			
PIECHA DP3 Avalange front axle 8.5x19 offset 20 silver	Tyres 255/35 R19		DP3-851920-1
PIECHA DP3 Avalange rear axle 9.5x19 offset 20 silver	Tyres 285/30 R19		DP3-951920-1
PIECHA DP3 Avalange front axle 8.5x19 offset 20 black	Tyres 255/35 R19		DP3-851920-2
PIECHA DP3 Avalange rear axle 9.5x19 offset 20 black	Tyres 285/30 R19		DP3-951920-2
PIECHA DP3 Avalange front axle 9.5x20 offset 30; outer rim 2.5" silver	Tyres 255/30 R20		DP3-952030-1
PIECHA DP3 Avalange rear axle 10.5x20 offset 30; outer rim 3.5" silver	Tyres 305/25 R20		DP3-1052030-1
PIECHA DP3 Avalange front axle 9.5x20 offset 30; outer rim 2.5" black	Tyres 255/30 R20		DP3-952030-2
PIECHA DP3 Avalange rear axle 10.5x20 offset 30; outer rim 3.5" black	Tyres 305/25 R20		DP3-1052030-2



\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.



# Design programme SL R230



## 4-pipe QUADRO stainless steel exhaust mufflers

- 1

**PIECHA QUADRO 4-pipe tips**  
4-pipe tips for right and left side for welding on serial silencers.  
Sporty and elegant design made of stainless steel with two oval chrome end pipes in 115 x 85 mm.

230-2-300
- 2

**PIECHA QUADRO 4-pipe stainless steel systems**  
Powerful sonorous sound; polished mufflers and stainless steel tubes up cat; each side with two oval end pipes; in 115 x 85 mm with long stainless steel elongated black absorber inserts.  
PIECHA QUADRO 4-pipe stainless steel systems for SL 280; SL 350; SL 500; SL 500 (5,5l)  
PIECHA QUADRO 4-pipe stainless steel systems for SL 55 / SL63 AMG,  
PIECHA QUADRO 4-pipe stainless steel systems for SL 600 12 cylinder  
PIECHA QUADRO 4-pipe stainless steel systems for SL 600 / SL 65 AMG with flap control

230-2-301  
230-2-302  
230-2-303  
230-2-304



## Suspension technology

- 3

**Spacers** (for all SL R230 models)  
20 mm wheel spacers (per axle) for front axle, without screws  
20 mm wheel spacers (per axle) for rear axle, without screws  
30 mm wheel spacers (per axle) for rear axle, without screws  
30 mm wheel spacers set (per axle) for rear axle with ABE, including 43 mm screws  
Ball band wheel screws M14 x 1.5 x length (xx = original length + spacer thickness)

000-3-1-10  
000-3-2-10  
000-3-2-15  
000-3-3-1514  
1415 xx-MB
- 4

**PIECHA ABC - lowering module**  
For SL R230 and CLS 219 with ABC suspension; front axle 30 mm, rear axle 25 mm  
(Individual lowering can be programmed in our company)

230-3-801
- 5

**Suspension lowering**  
Sporty spring set 30 mm for SL 280/350 with coil springs

230-3-800



\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.



# Design programme SL R230

1



## Power-Converter

### 1 PIECHA Power-Converter Intermedia-RC \* (for all models after 2000)

000-7-701

The Power-converter RC is suitable for all Mercedes-Benz passenger cars up 2000 with electronic gas pedal.

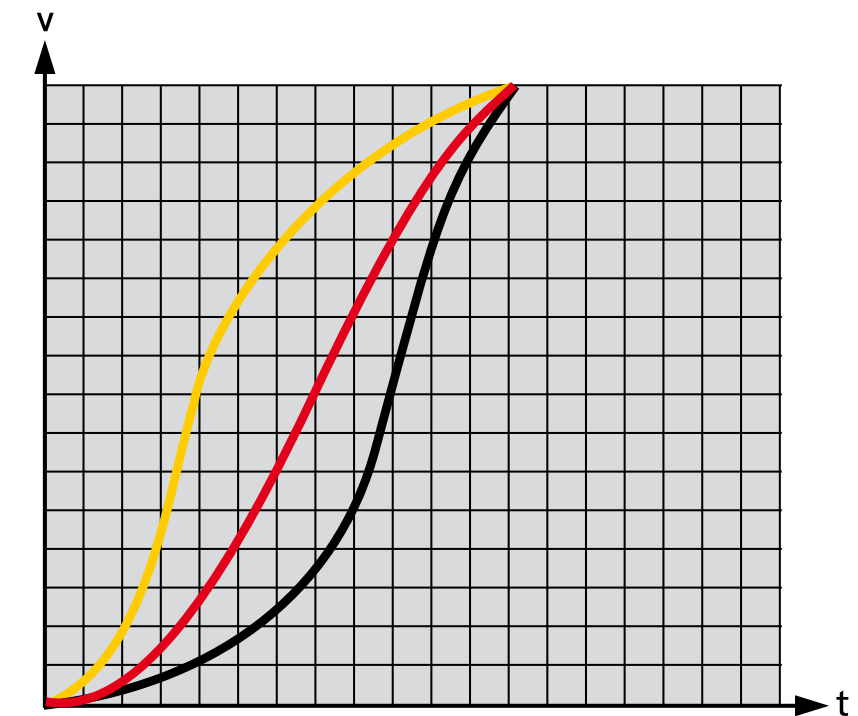
It is suitable for all transmission versions and diesel vehicles.

The module is inserted into the electronic control of the gas pedal. The slow reaction time and the moment of inertia are completely suspended. The acceleration is significantly improved. The response behavior can be adjusted individually by an integrated potentiometer. Moreover a separate switch enables "off" respectively city or sport modes.

The advantages at a glance:

- Significant improvement of the performance potential
- Powerful draft already from low revolutions within the whole speed range
- Very fast response behavior
- Significantly better acceleration and more agile driving behavior
- Simple installation through plug and play connection
- No disadvantage for engine or electronics
- It can be built-back anytime and used in a different Mercedes car. Ideal for leased cars

Also suitable as "CS-RC" version for C-Class W204, E-Class W212 and W207, CLS 218, SL 231, GLK, VITO and VIANO.



— Acceleration without Power-Converter

— Acceleration with Power-Converter in city-mode

— Acceleration with Power-Converter in sport-mode

\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.

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# Design programme SL R230

1



## Convertible smart top

### 2 Comfort vario roof module

000-7-600

The comfort-varioroof-module enables pure driving comfort with many additional features.

The roof can be opened and closed while driving up to 60 km/h (SLK and SL) respectively 40 km/h (CLK).

The advantages at a glance:

- Simple installation (20 minutes respectively) and individual module settings
- Roof functionality is started by a single tipping onto the roof button.
- The roof button does not have to be held anymore.
- Opening and closing via the serial radio key from a distance up to 50 m (no infrared remote control needed)
- Deluxe setting enables the starting of the engine via the ignition lock while the roof is opening or closing.
- Acoustic alarm signal when opening or closing the car (optionally adjustable)
- Going Home Setting: The fog lights can be set to shine for 30 seconds after locking the car.
- Display of all module settings via the instrumental menu
- USB port for updates via the internet to anytime
- LED installation help for an error-free connection

\* Assembly instructions, Technical Control Board certificates respectively EC approval and installation material are included.



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PIECHA Design on YouTube:



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