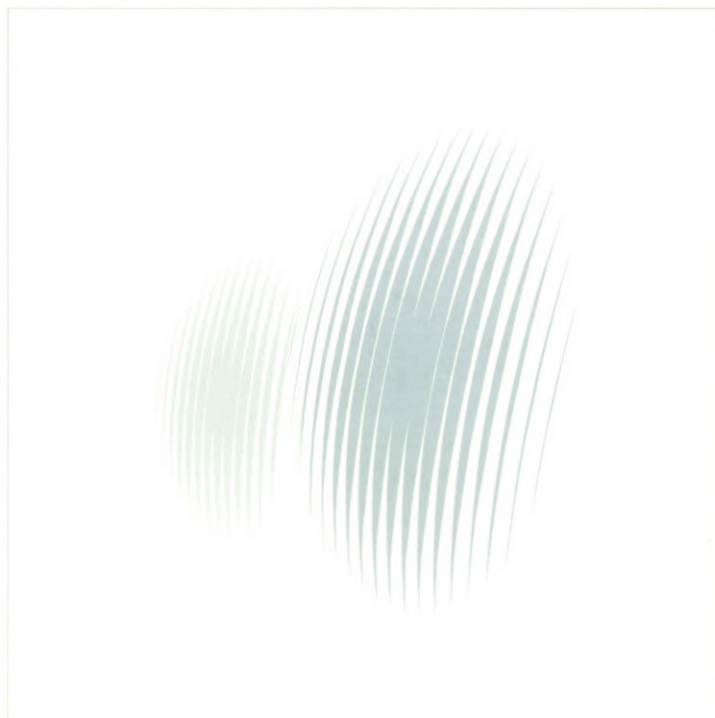
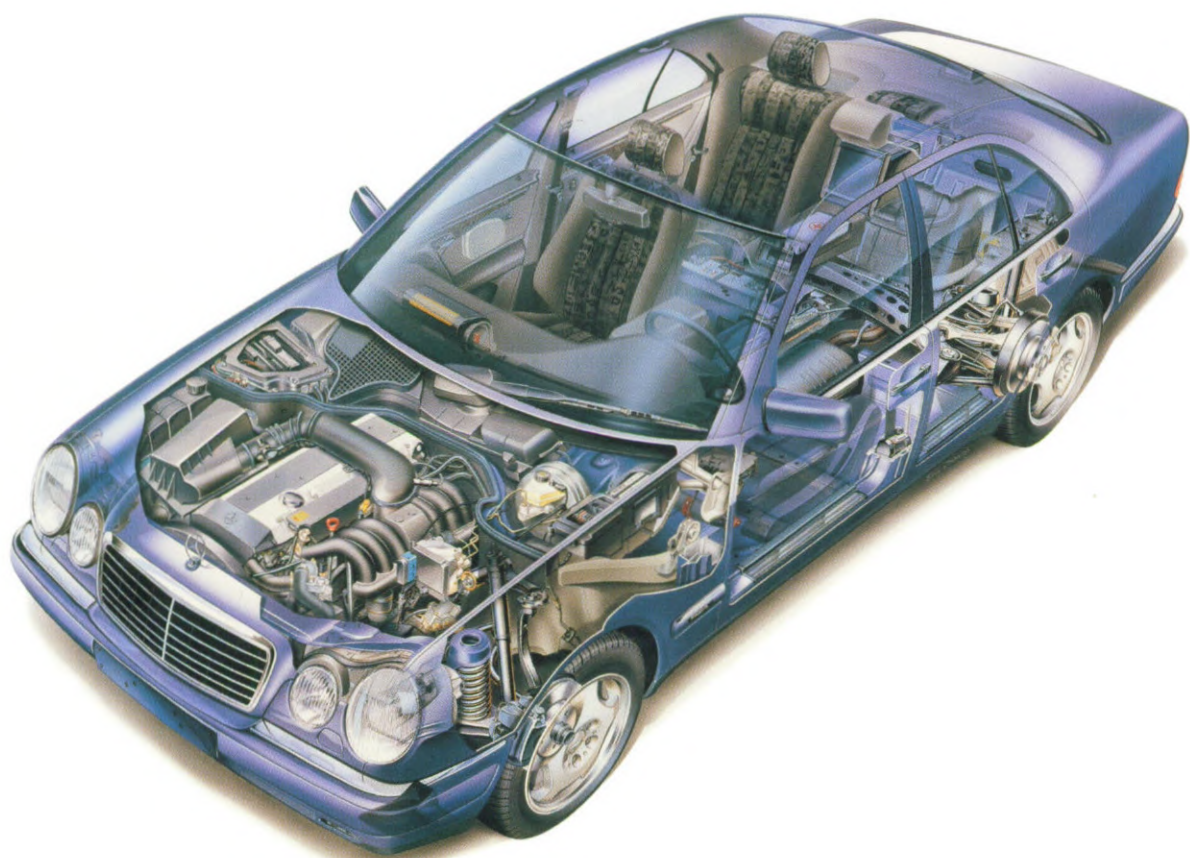




TECHNISCHE GRAFIKEN TECHNICAL ILLUSTRATIONS GRAPHIQUES TECHNIQUES



Mercedes-Benz
E 320
AVANTGARDE

Phantomzeichnung

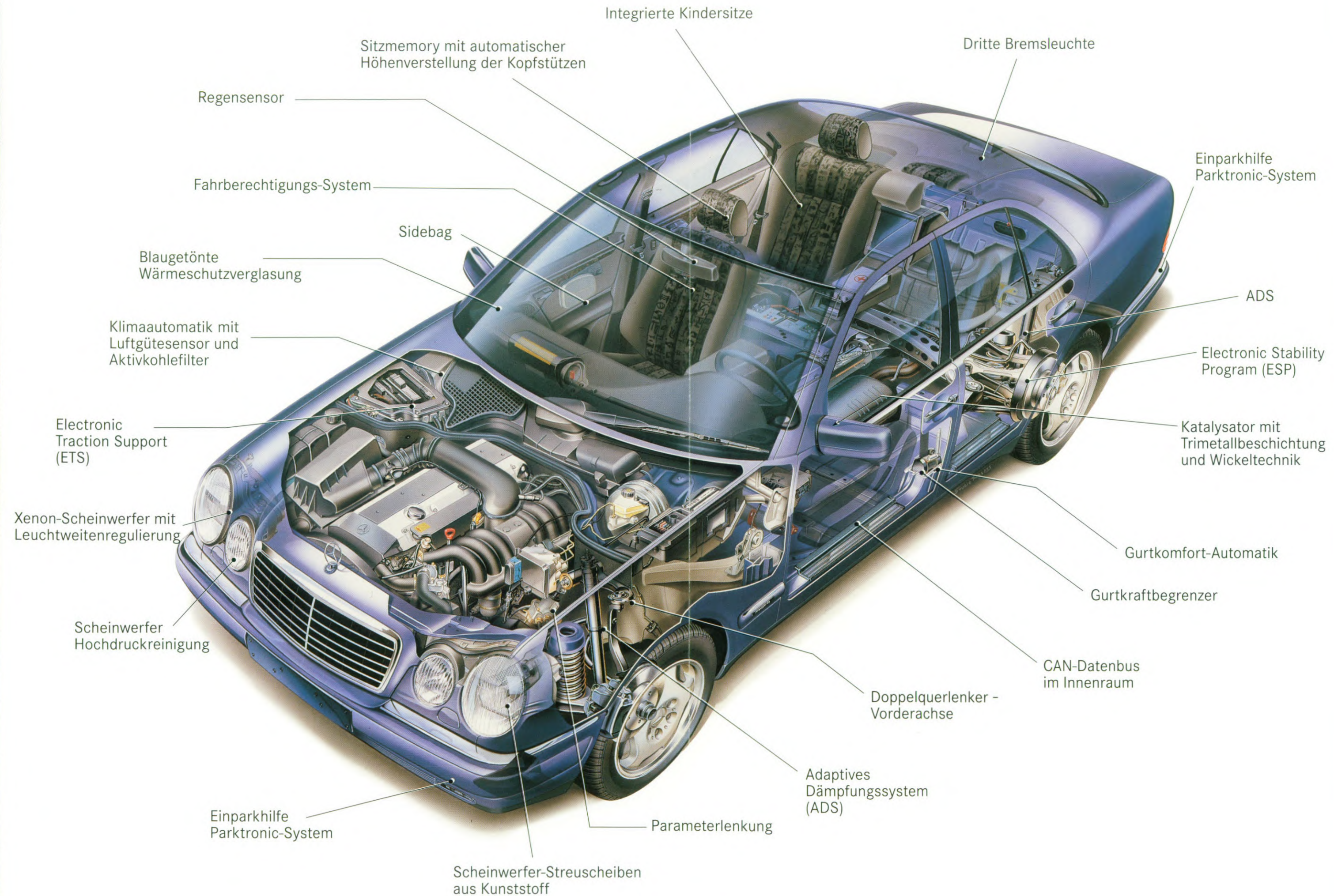
Phantom view

Ecorché



Mercedes-Benz
E 320
AVANTGARDE

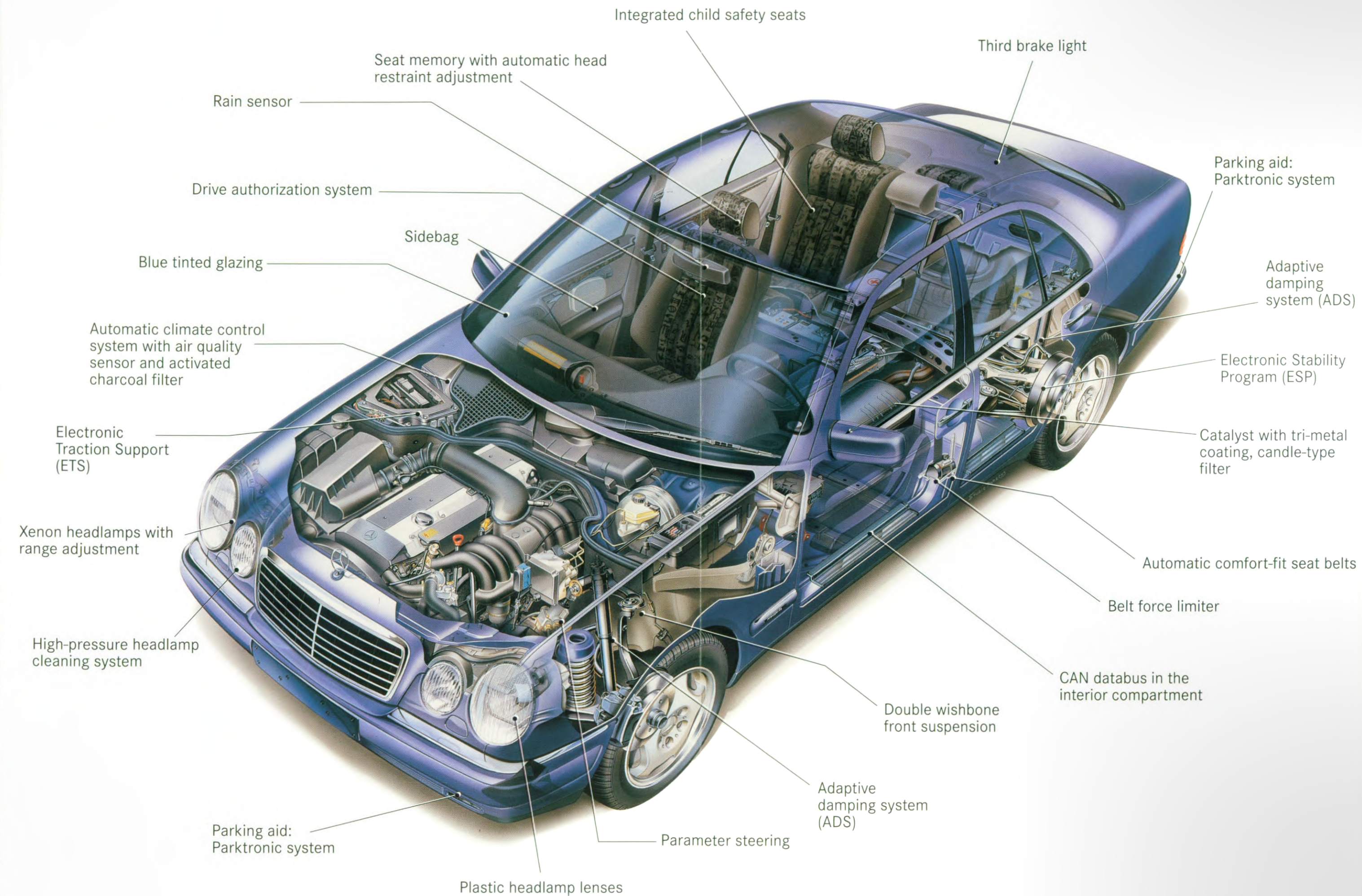
Innovationen





Mercedes-Benz
E 320
AVANTGARDE

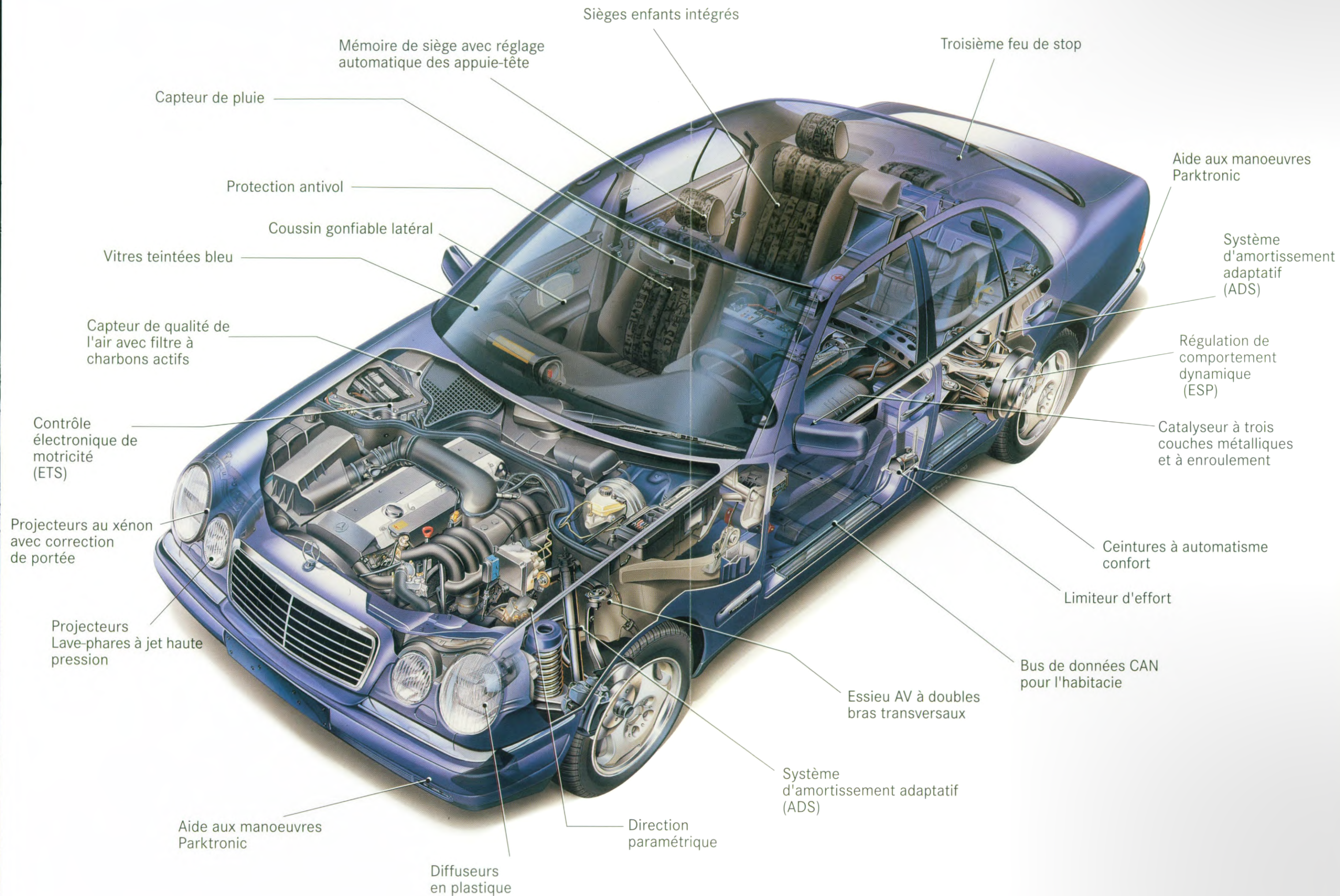
Innovations

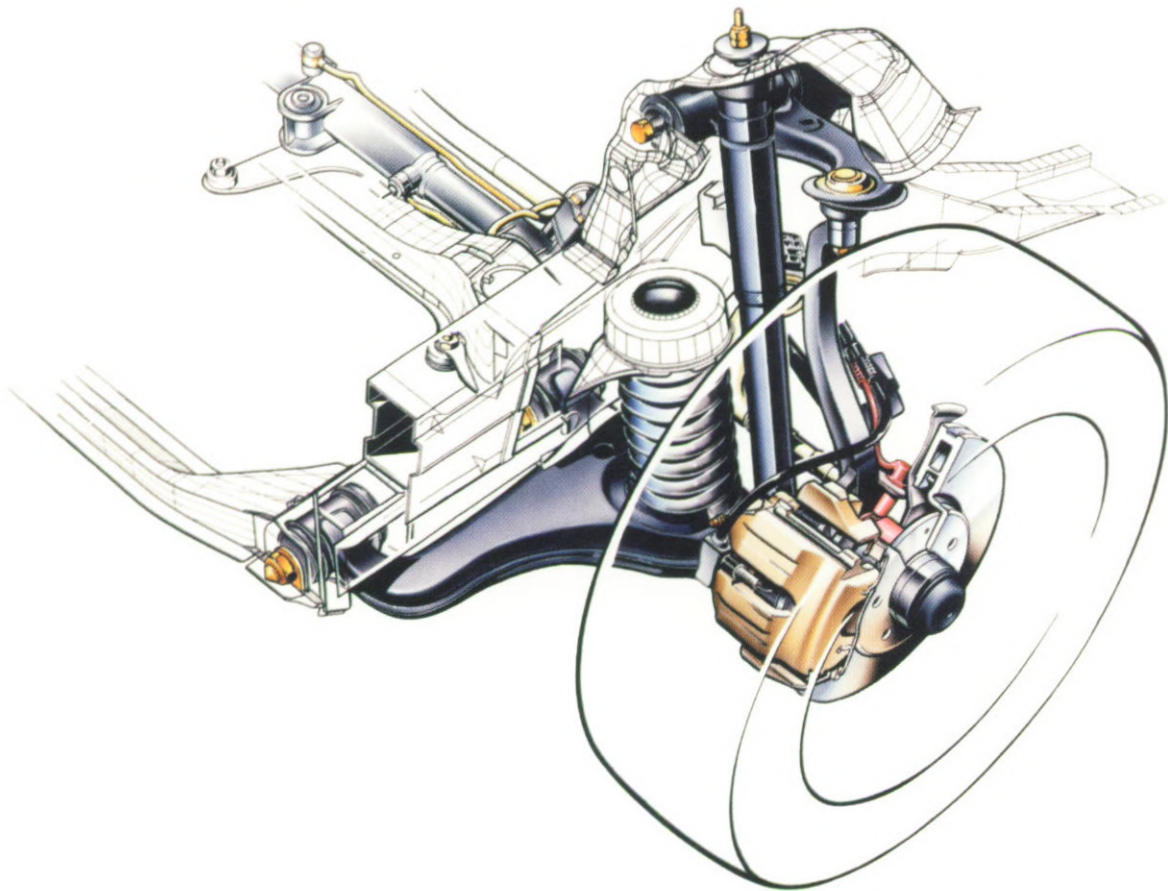




Mercedes-Benz
E 320
AVANTGARDE

Innovations



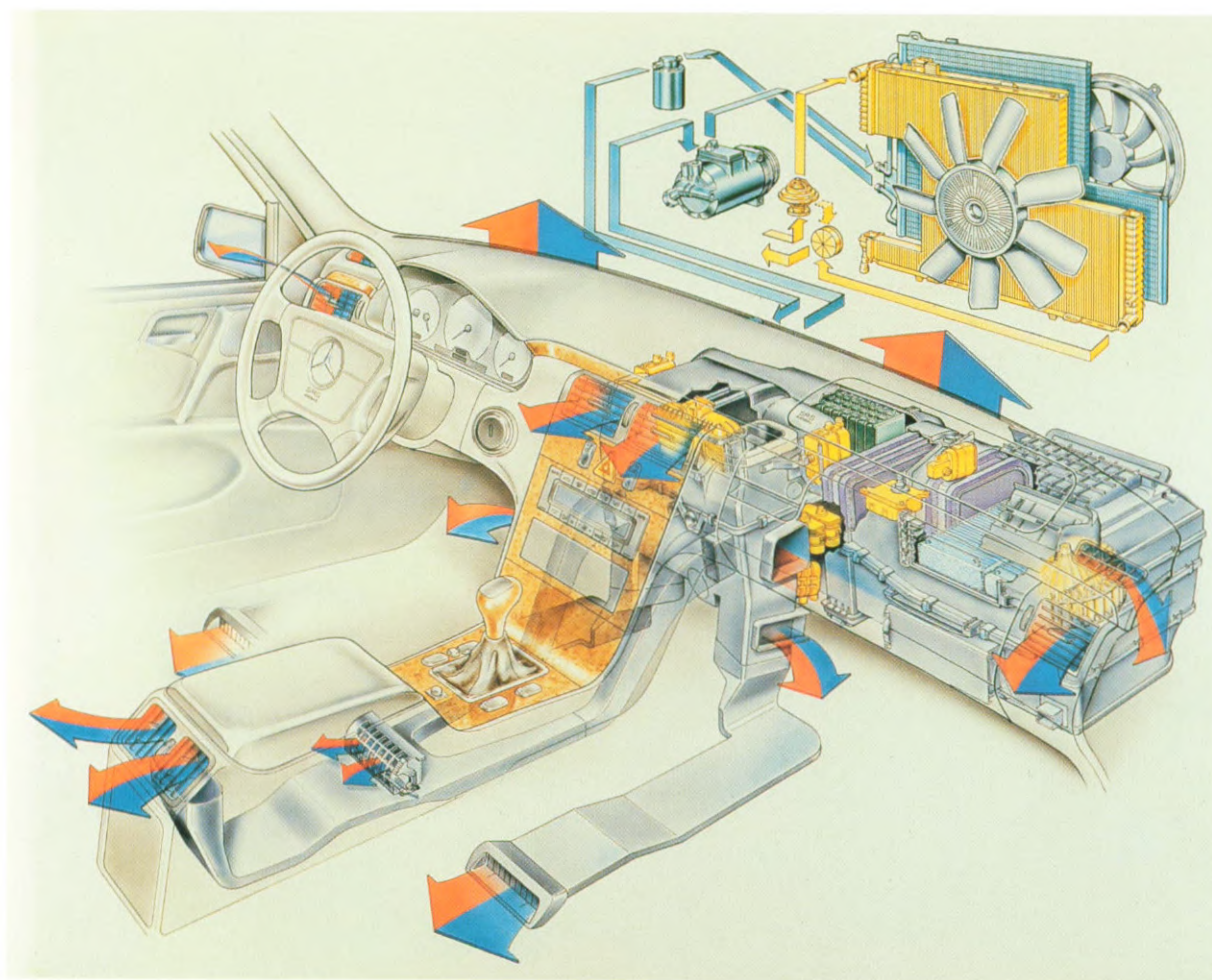


Mercedes-Benz
E 220 DIESEL –
E 320

Doppelquerlenker-
Vorderachse

Double wishbone
front suspension

Essieu avant à
doubles bras
transversaux

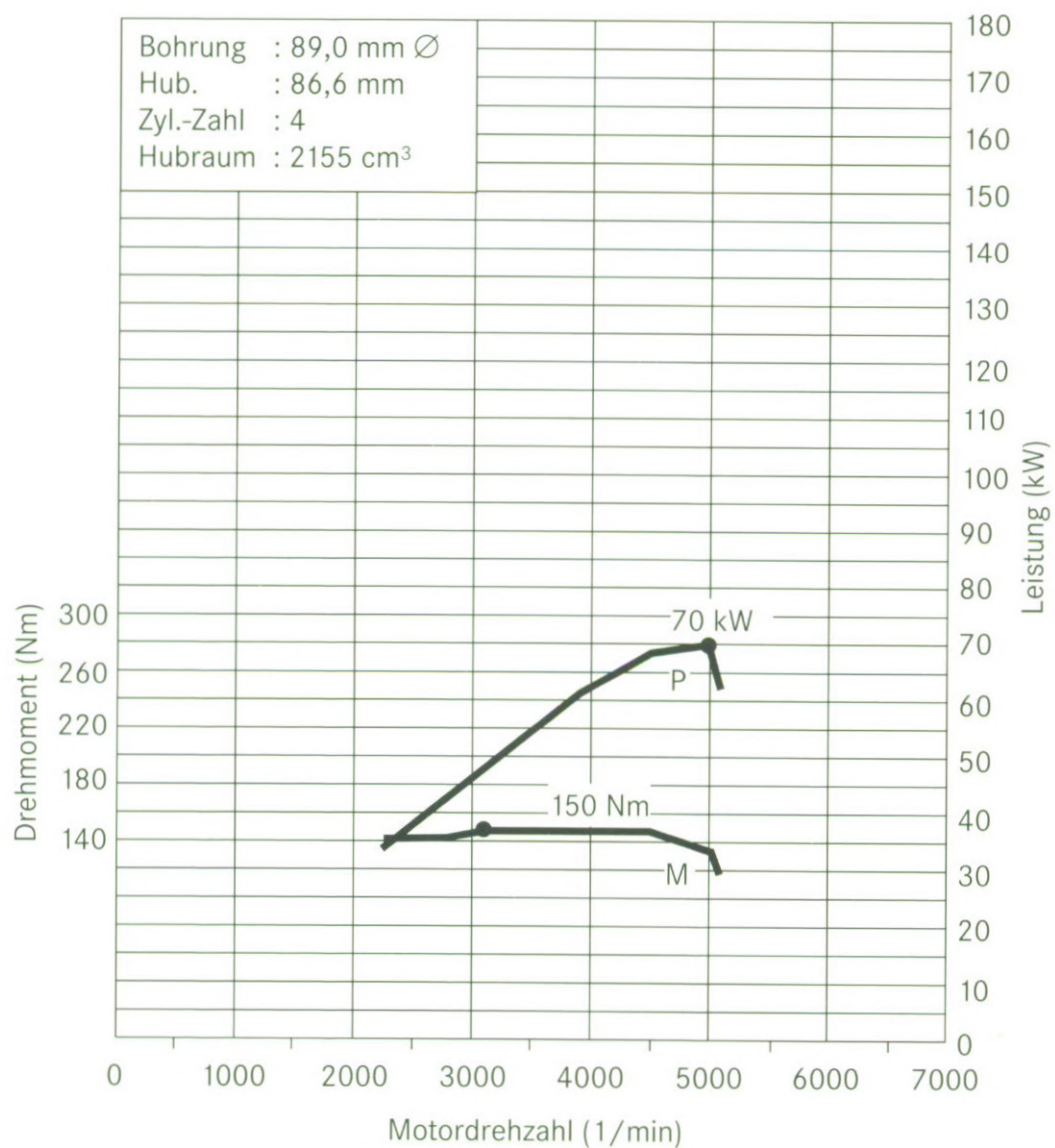


Mercedes-Benz
E 220 Diesel-
E 420

Klimatisierungs-
automatik

Automatic climate
control

Climatiseur
automatique

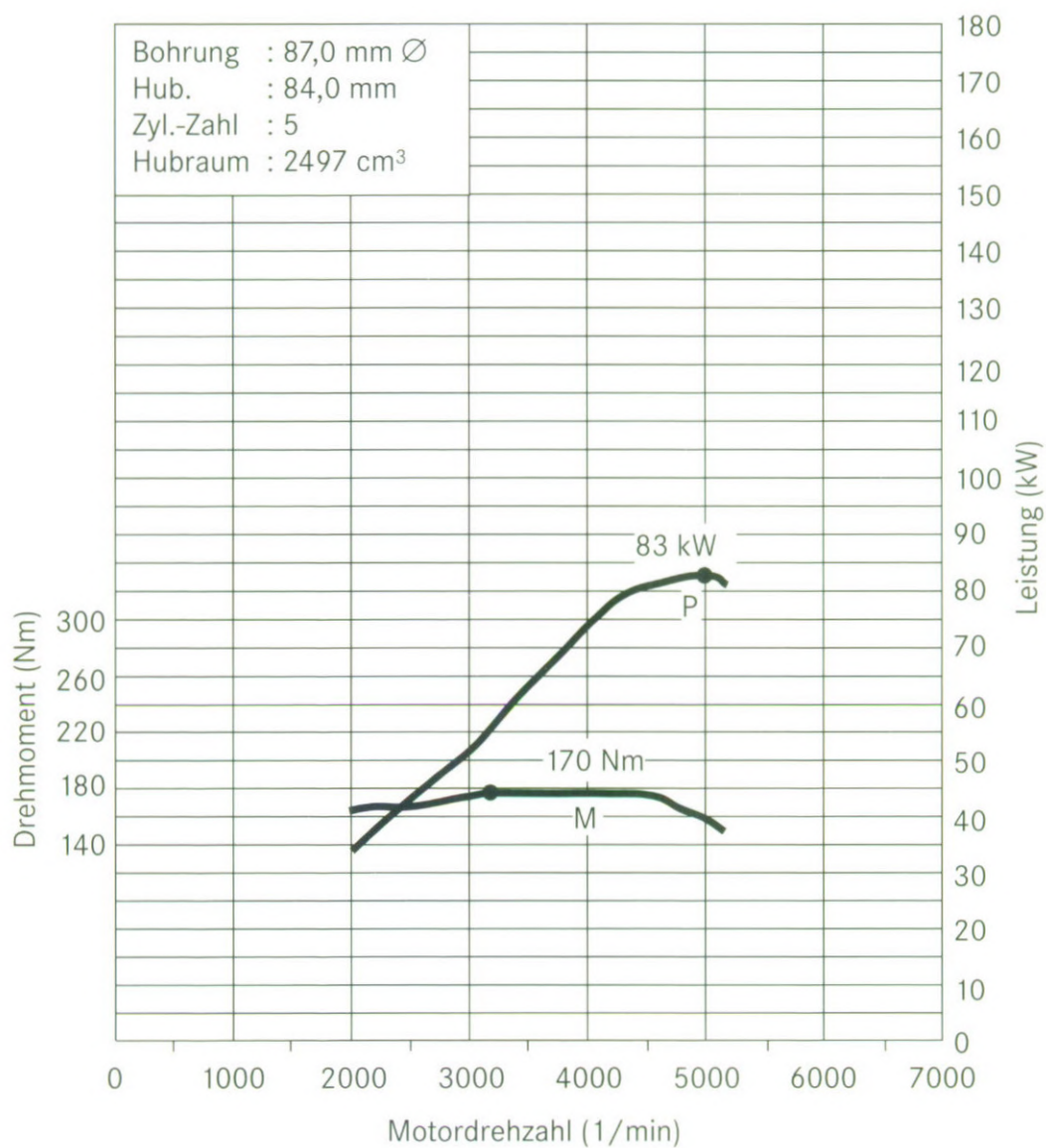


Mercedes-Benz
E 220 DIESEL

Leistungsdiagramm
Motor OM 604

Power output diagram
OM 604 engine

Diagramme de puis-
sance moteur OM 604

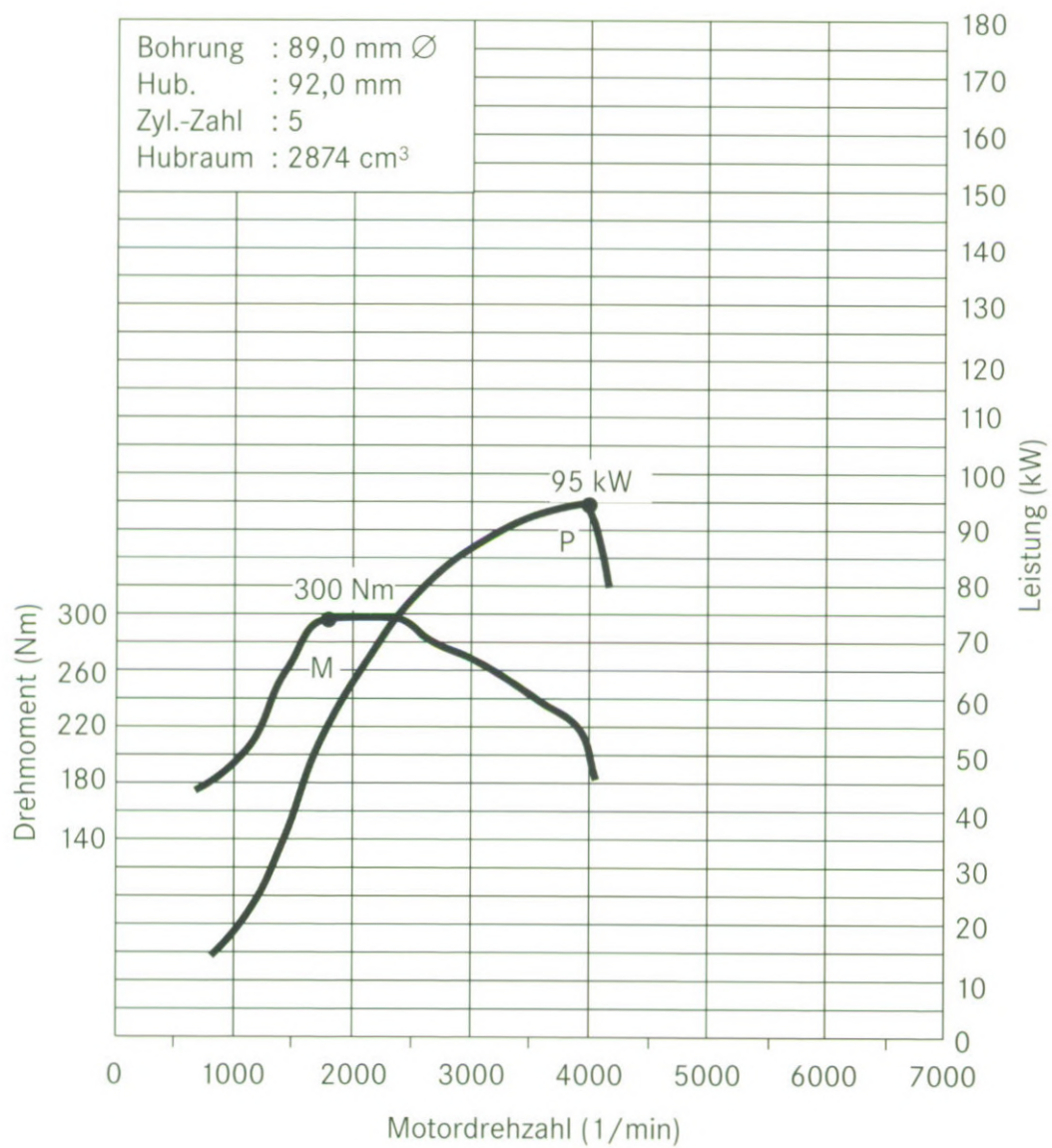


Mercedes-Benz
E 250 DIESEL

Leistungsdiagramm
Motor OM 605

Power output diagram
OM 605 engine

Diagramme de puis-
sance moteur OM 605

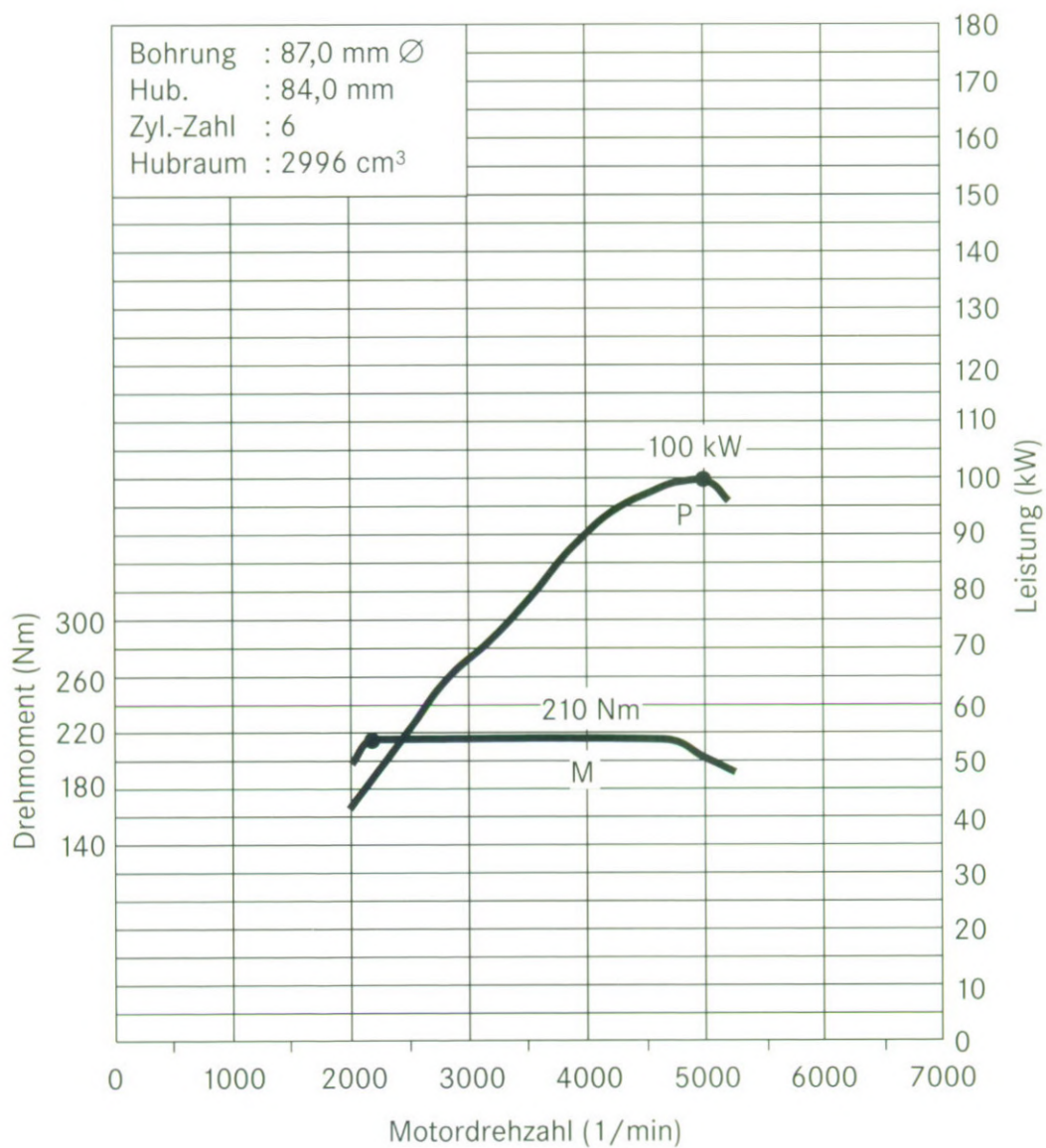


Mercedes-Benz
E 290 TURBODIESEL

Leistungsdiagramm
Motor OM 602

Power output diagram
OM 602 engine

Diagramme de puis-
sance moteur OM 602

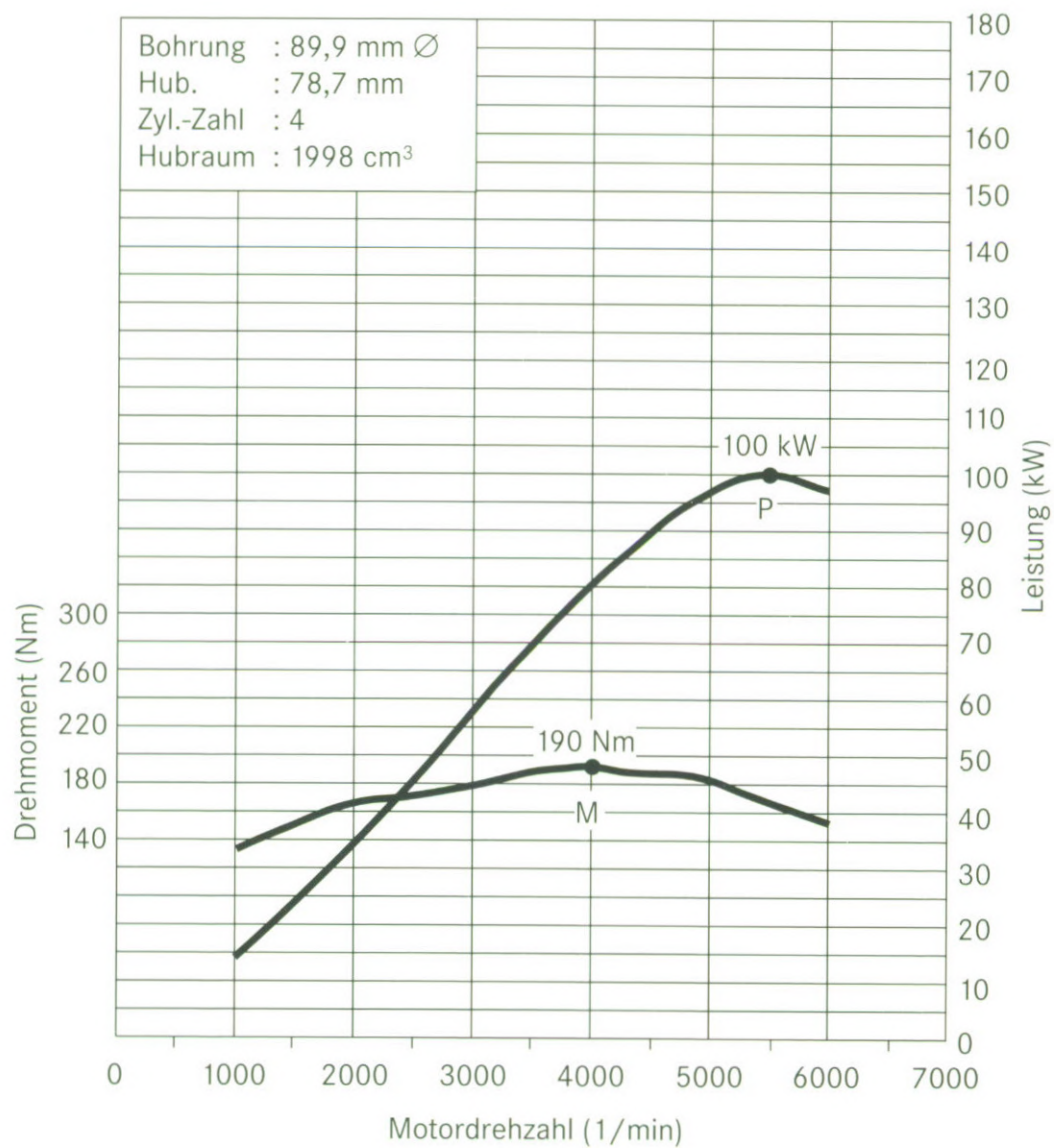


Mercedes-Benz
E 300 DIESEL

Leistungsdiagramm
Motor OM 606

Power output diagram
OM 606 engine

Diagramme de puis-
sance moteur OM 606

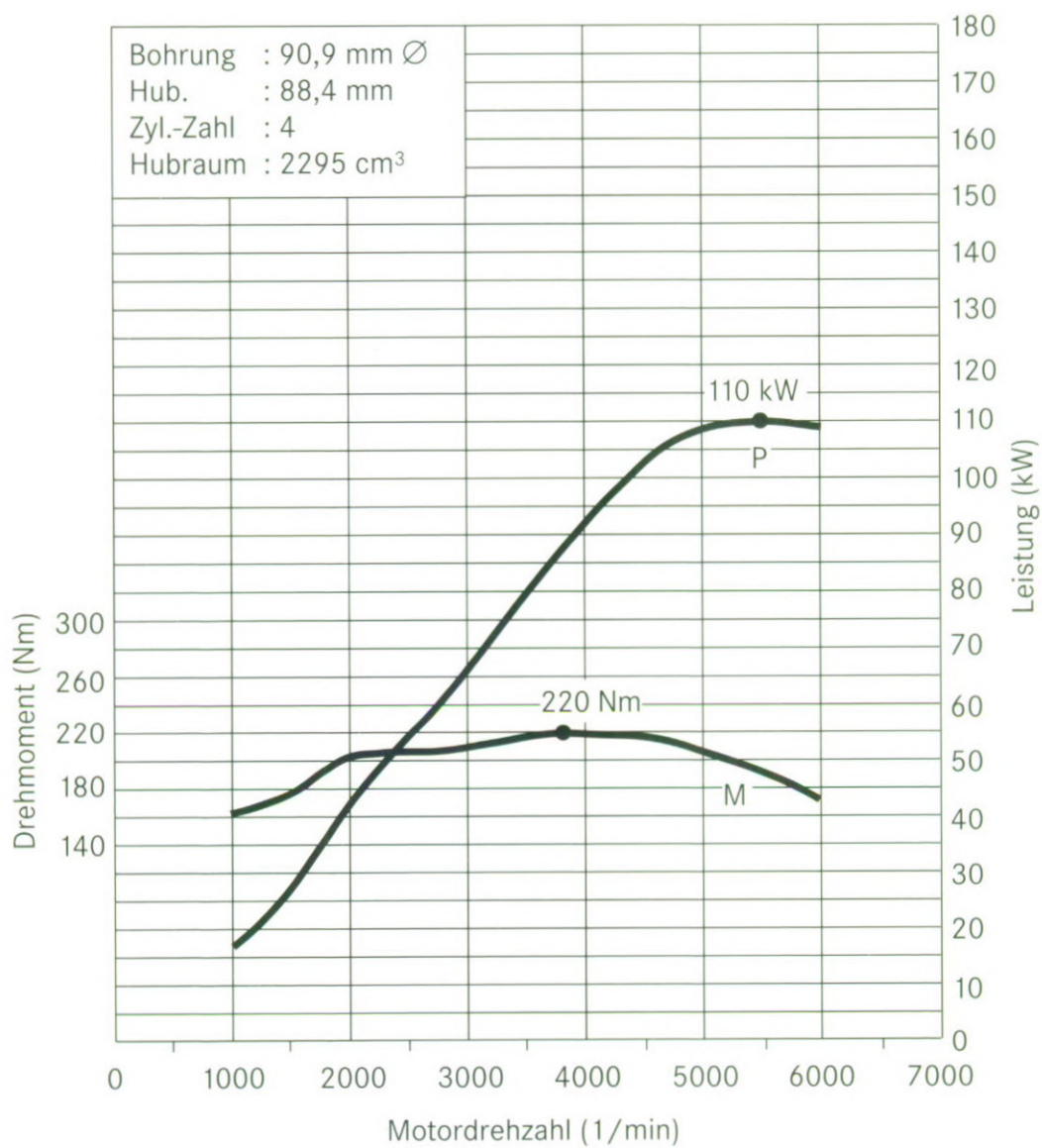


Mercedes-Benz
E 200

Leistungsdiagramm
Motor M 111

Power output diagram
M 111 engine

Diagramme de puis-
sance moteur M 111

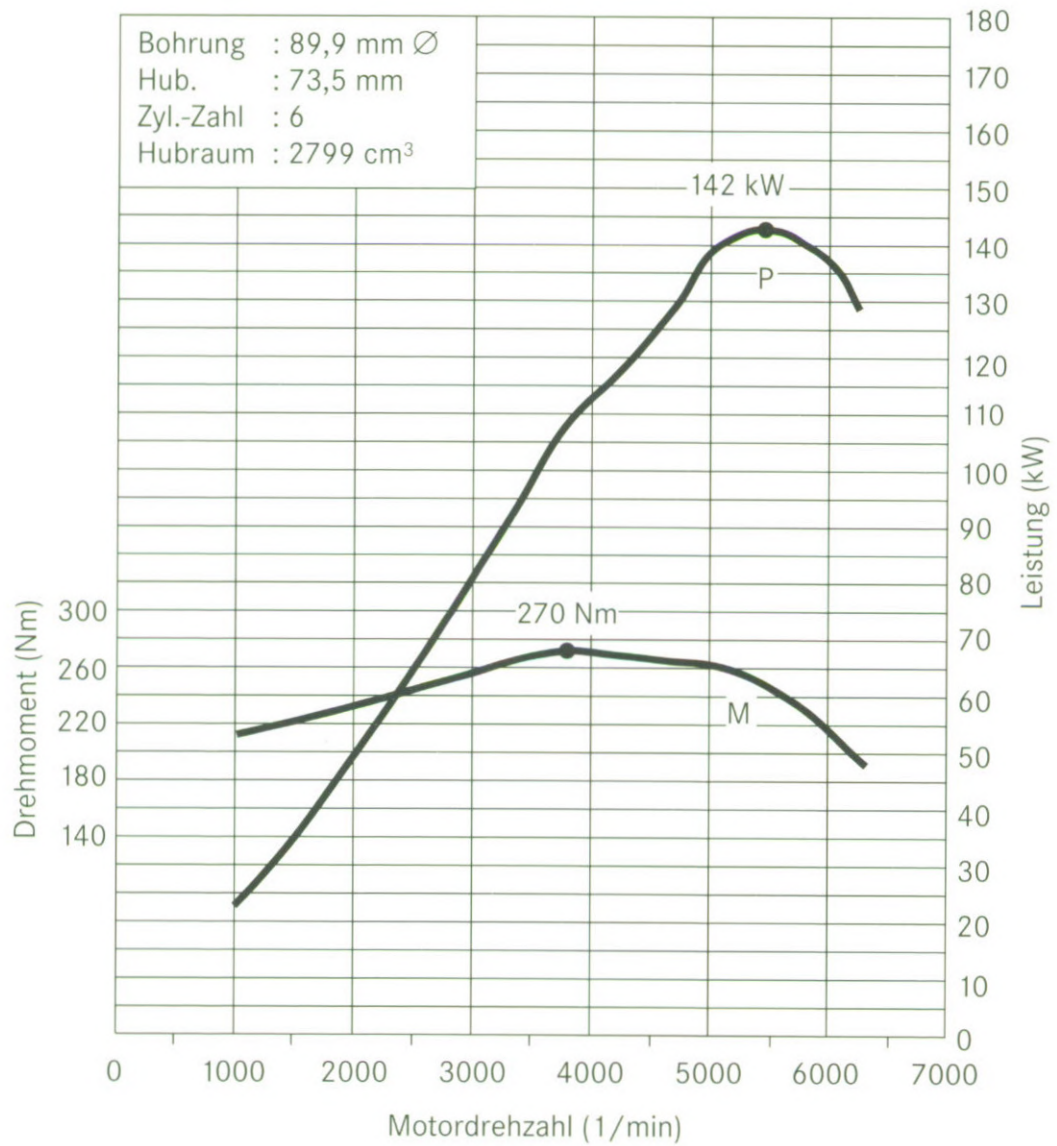


Mercedes-Benz
E 230

Leistungsdiagramm
Motor M 111

Power output diagram
M 111 engine

Diagramme de puis-
sance moteur M 111

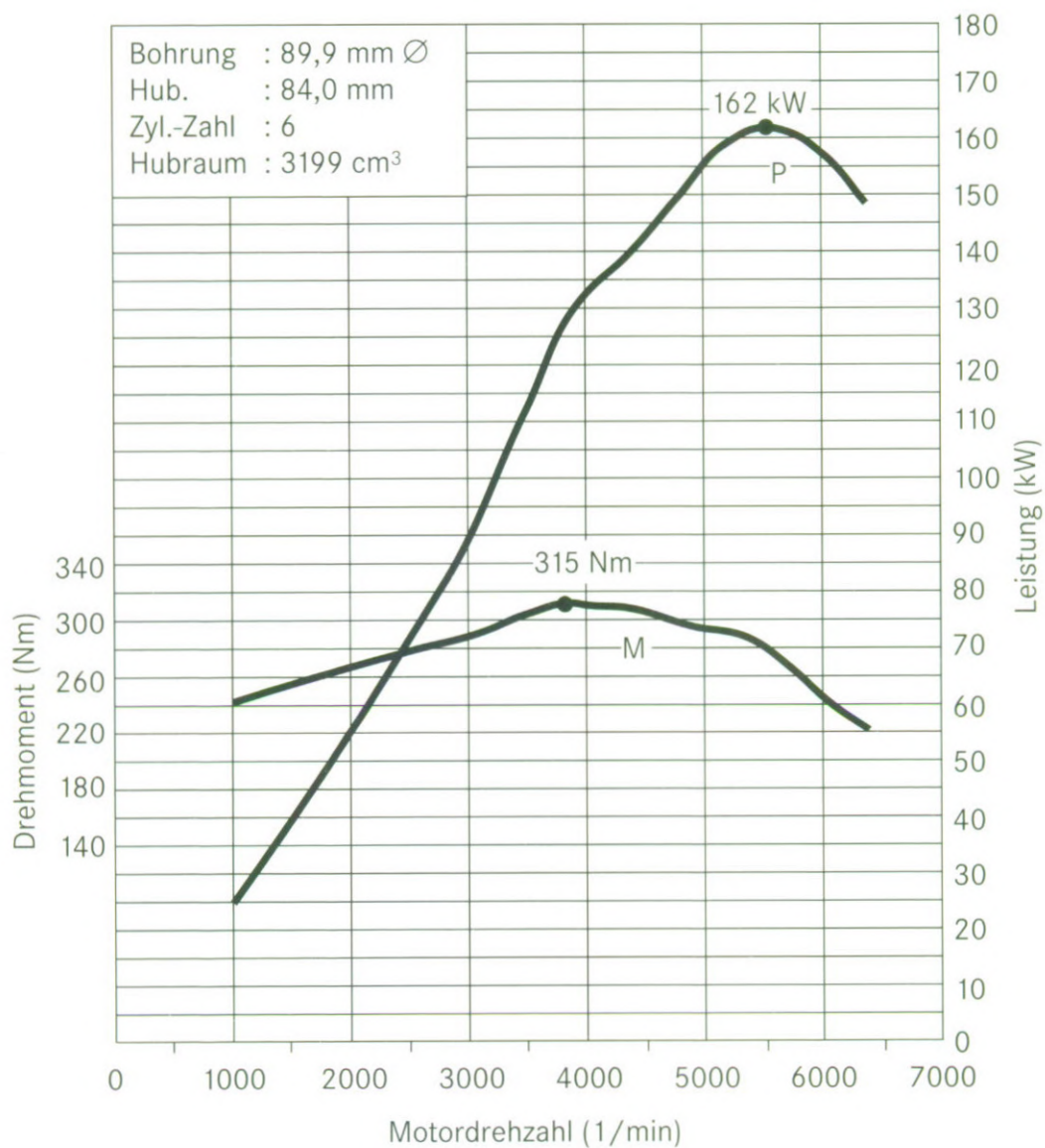


Mercedes-Benz
E 280

Leistungsdiagramm
Motor M 104

Power output diagram
M 104 engine

Diagramme de puis-
sance moteur M 104

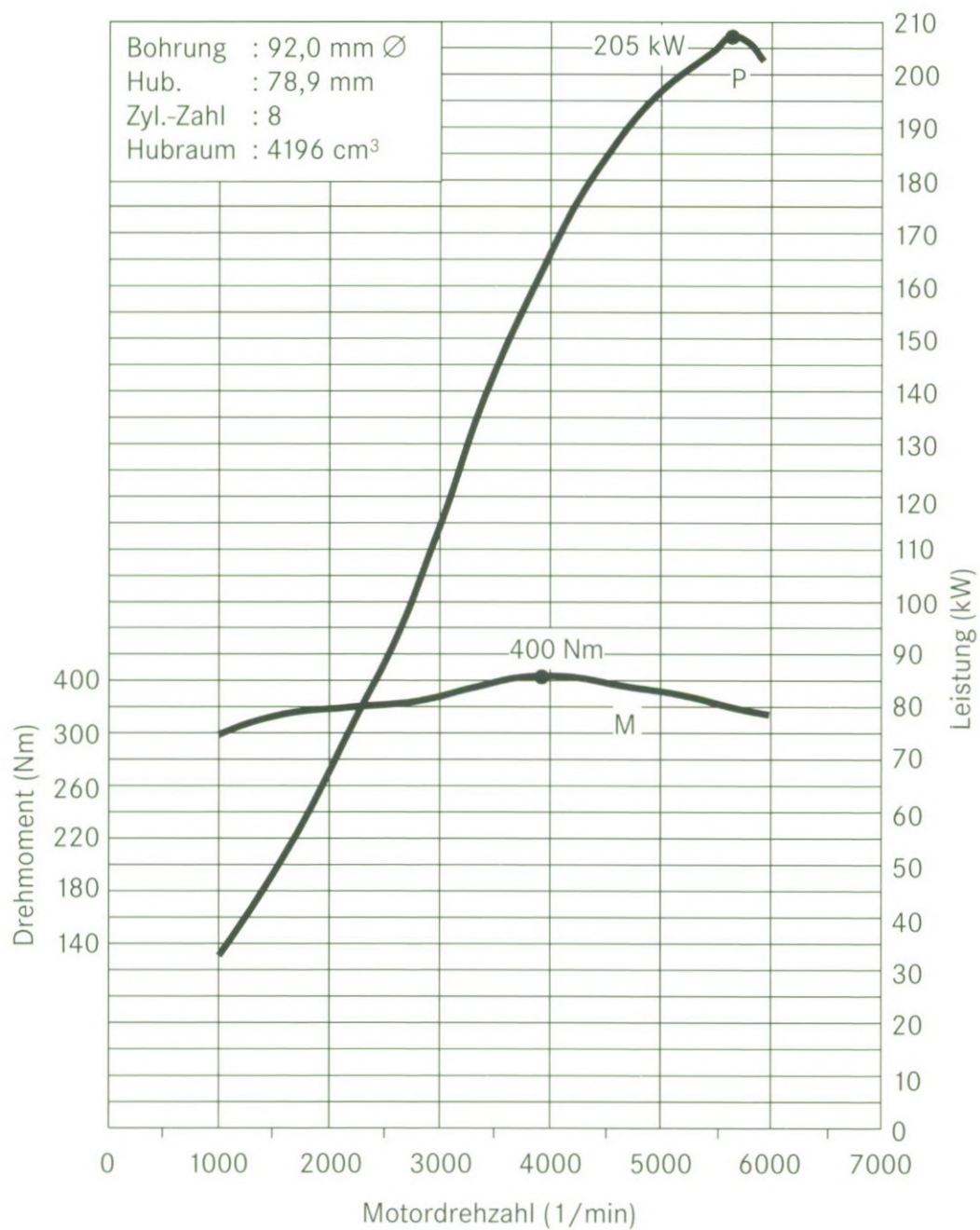


Mercedes-Benz
E 320

Leistungsdiagramm
Motor M 104

Power output diagram
M 104 engine

Diagramme de puis-
sance moteur M 104

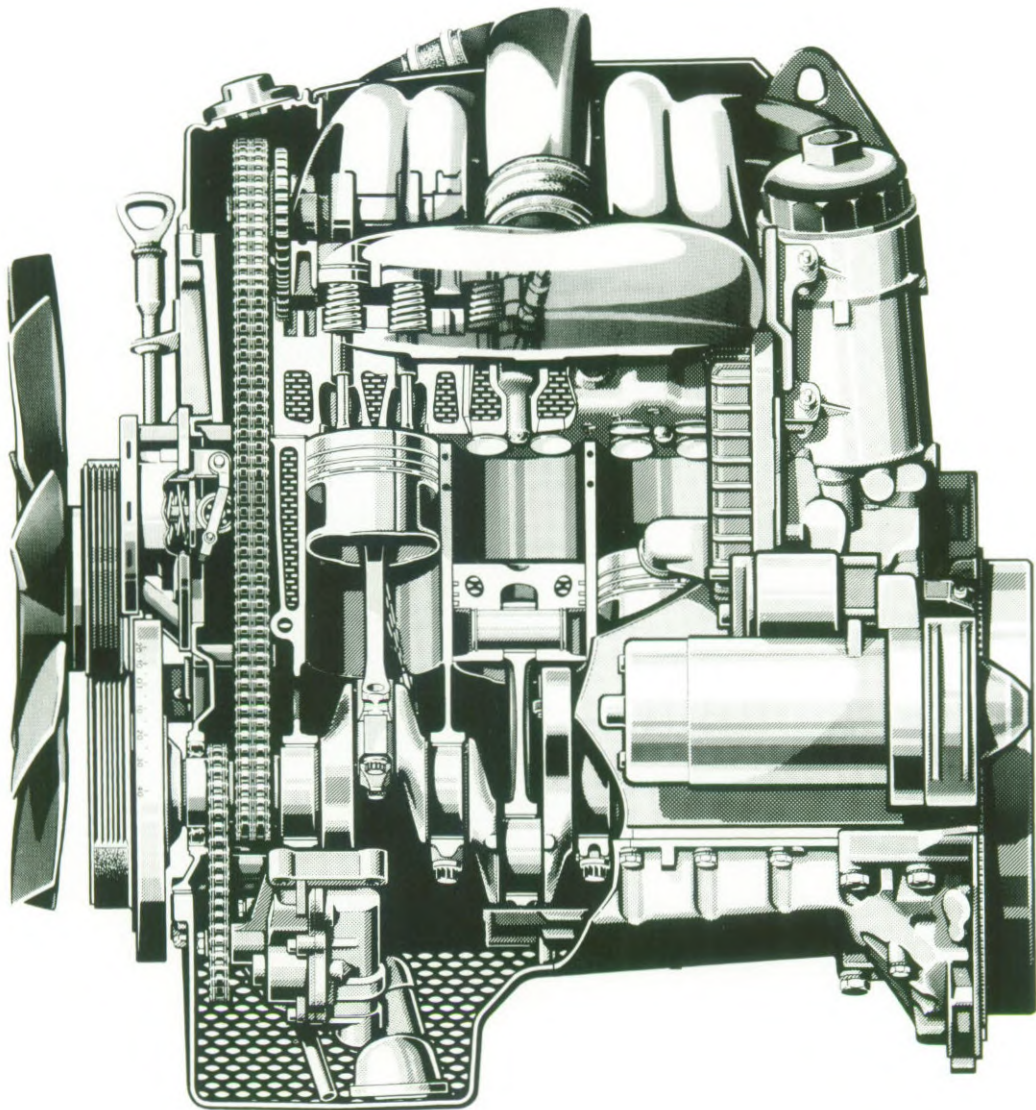


Mercedes-Benz
E 420

Leistungsdiagramm
Motor M 119

Power output diagram
M 119 engine

Diagramme de puis-
sance moteur M 119

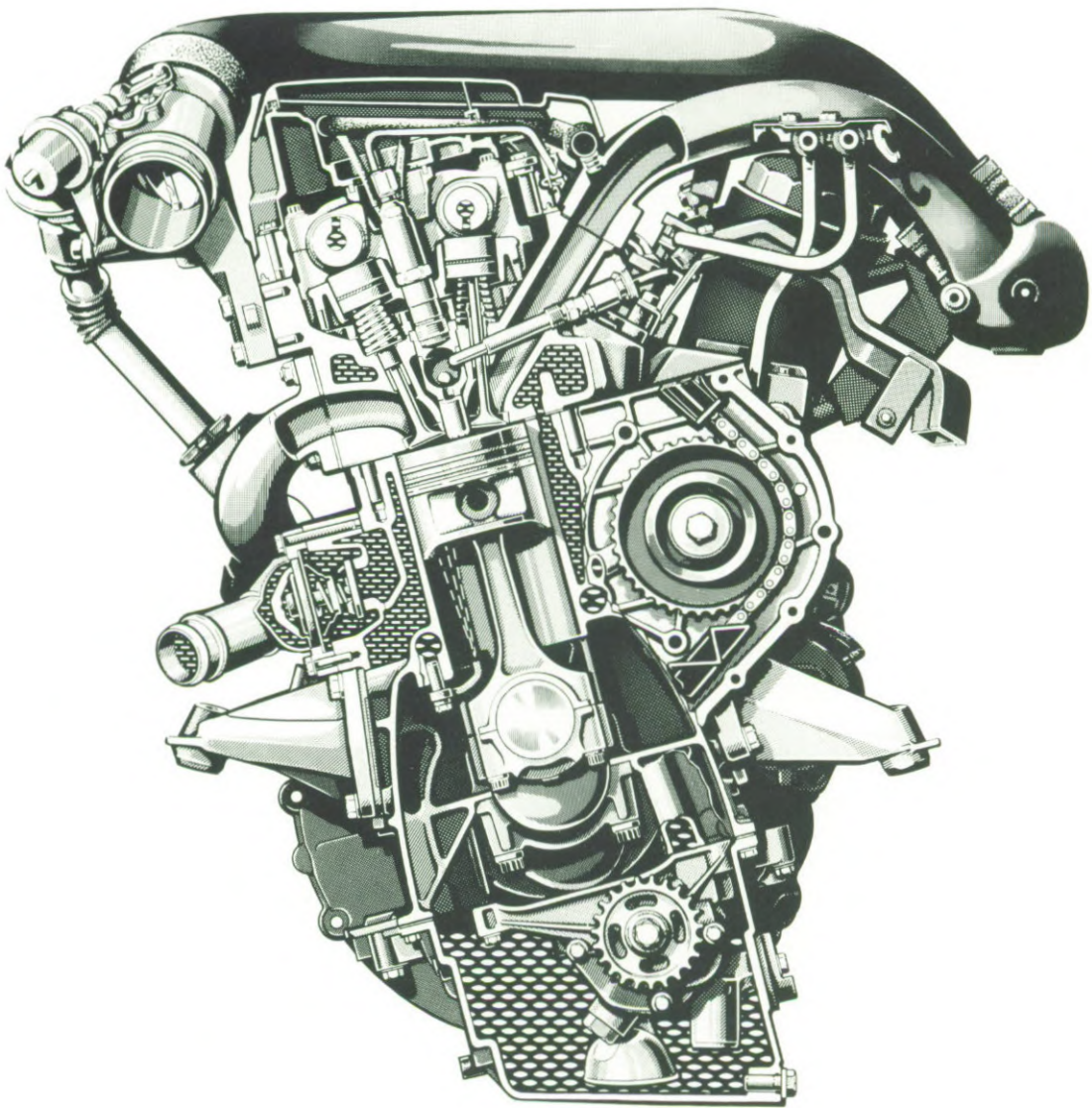


Mercedes-Benz
E 220 DIESEL

Motor-Längsschnitt
OM 604

Engine OM 604
longitudinal section

Coupe longitudinale
du moteur OM 604

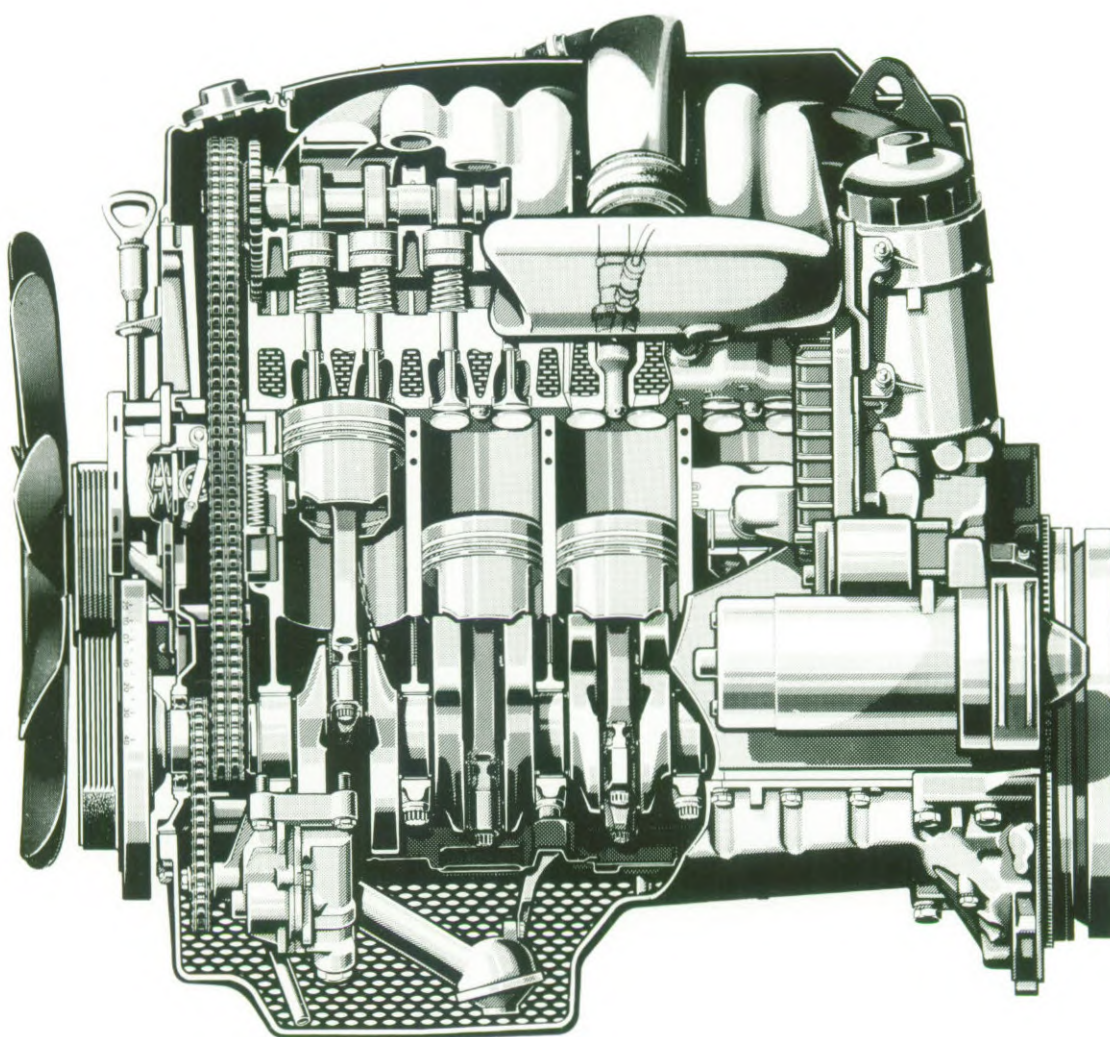


Mercedes-Benz
E 220 DIESEL

Motor-Querschnitt
OM 604

Engine OM 604
cross-section

Coupe transversale
du moteur OM 604



**Mercedes-Benz
E 250 DIESEL ***

Motor-Längsschnitt
OM 605

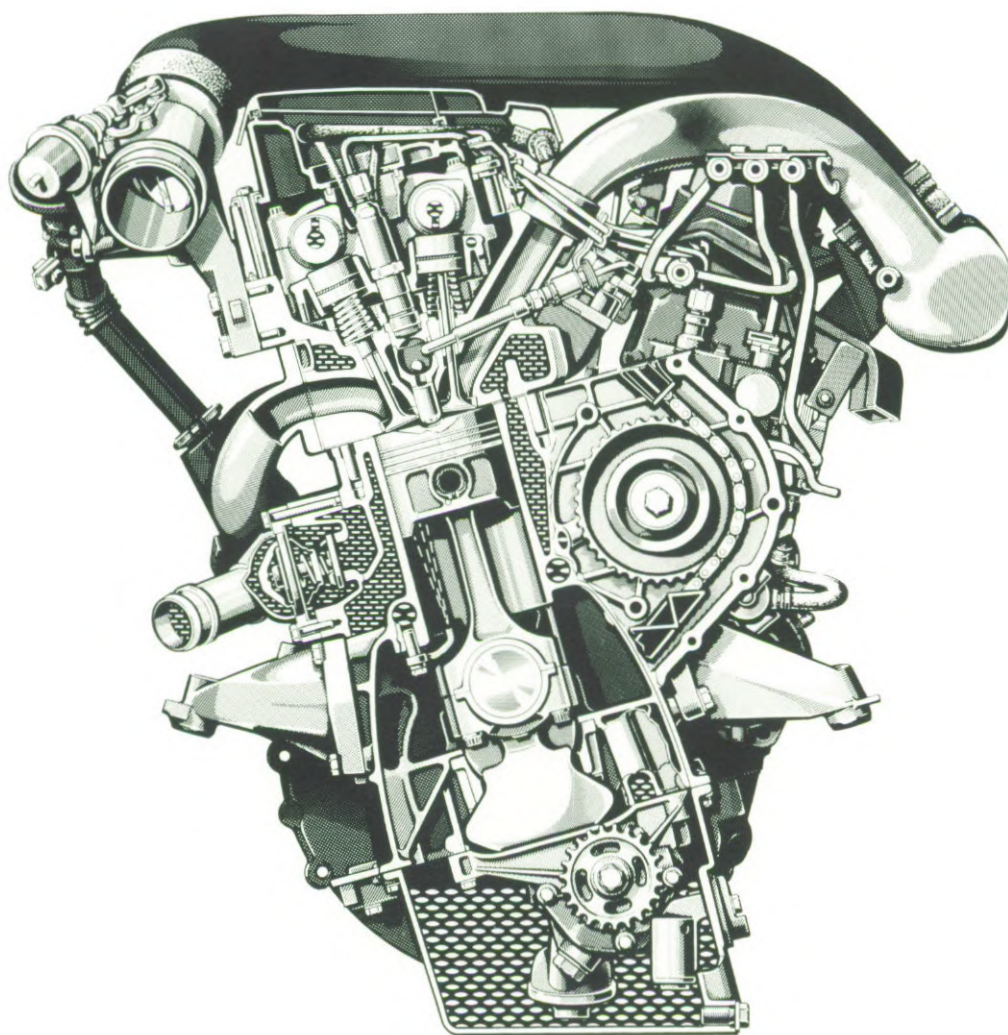
Engine OM 605
longitudinal section

Coupe longitudinale
du moteur OM 605

* nur in Italien,
Griechenland,
Portugal

* only in Italy,
Greece and Portugal

* seulement en Italie,
Grèce et Portugal



**Mercedes-Benz
E 250 DIESEL ***

Motor-Querschnitt
OM 605

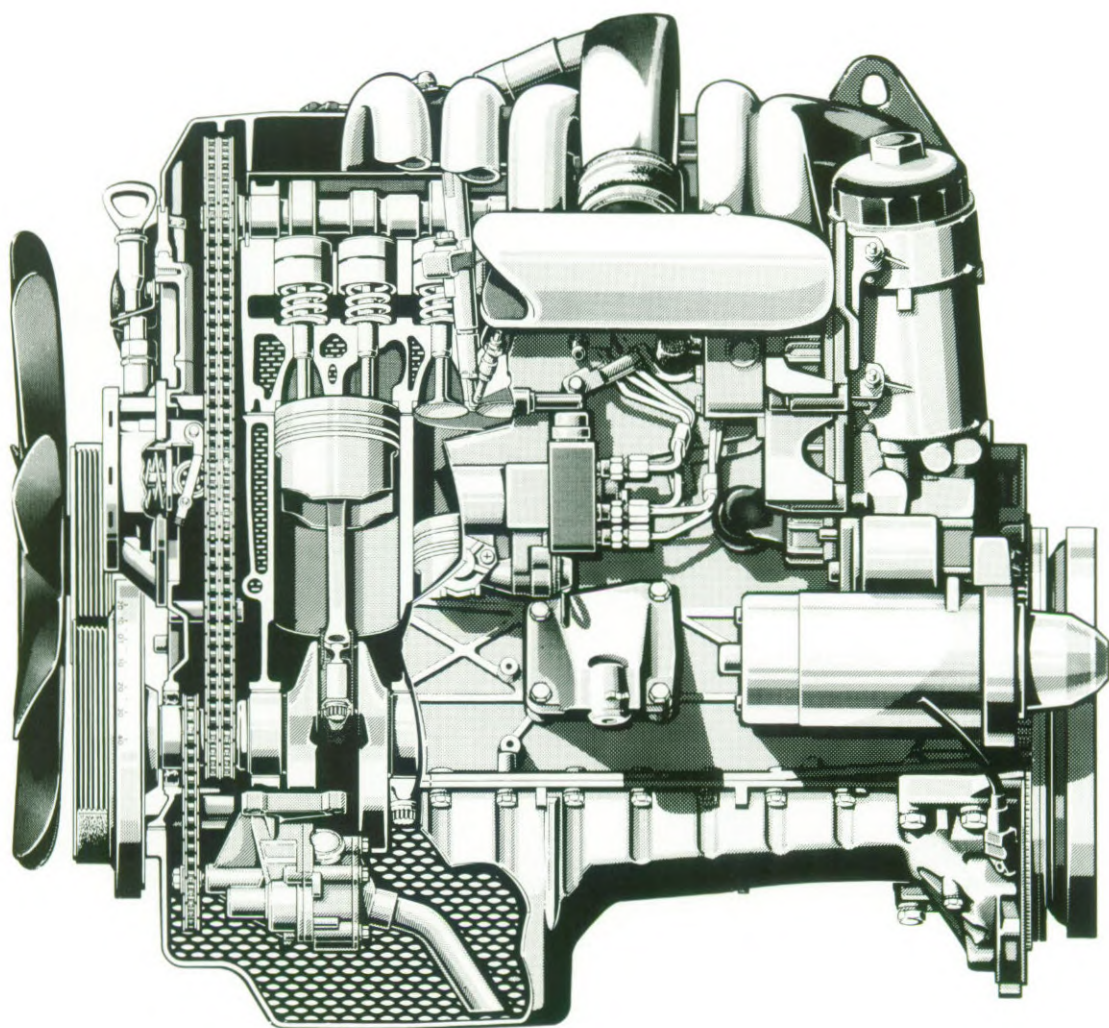
Engine OM 605
cross-section

Coupe transversale
du moteur OM 605

* nur in Italien,
Griechenland,
Portugal

* only in Italy,
Greece and Portugal

* seulement en Italie,
Grèce et Portugal

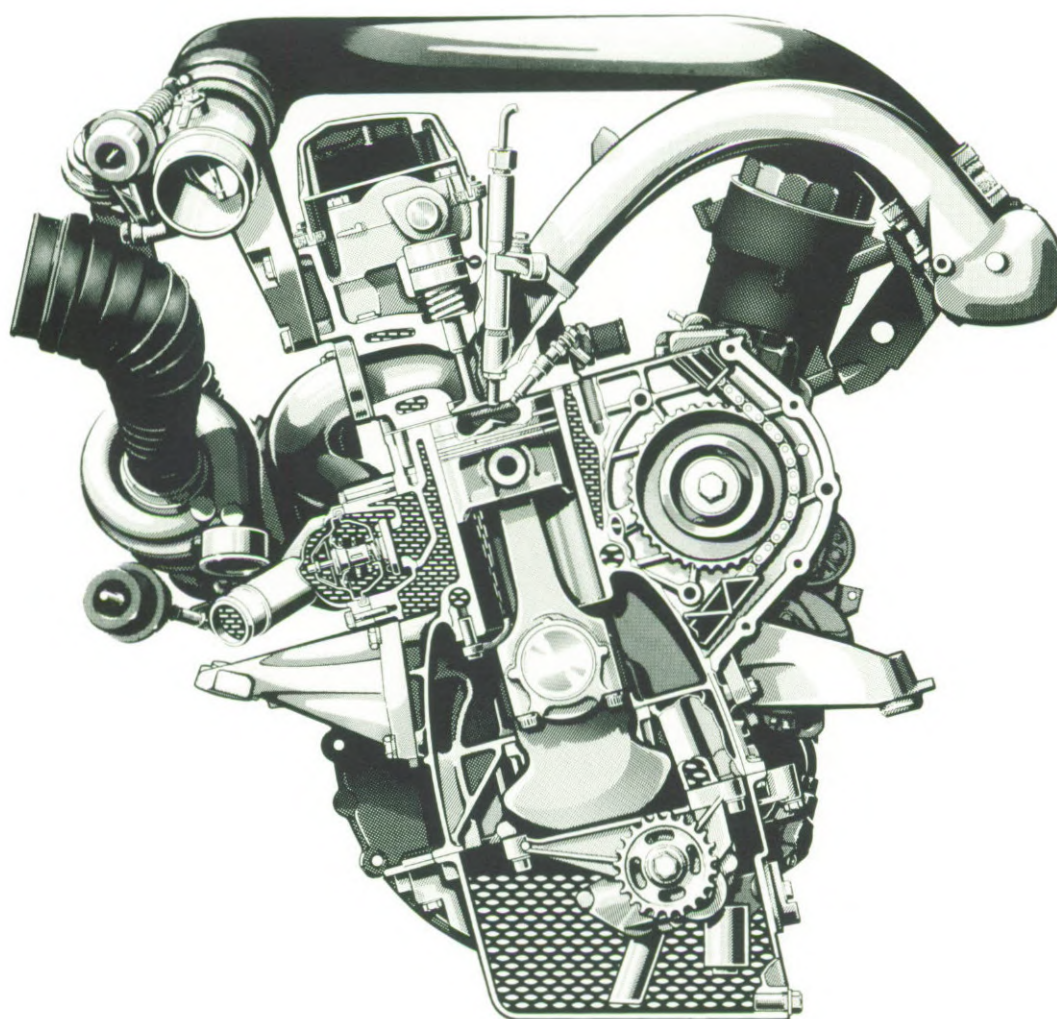


Mercedes-Benz
E 290 TURBODIESEL

Motor-Längsschnitt
OM 602

Engine OM 602
longitudinal section

Coupe longitudinale
du moteur OM 602

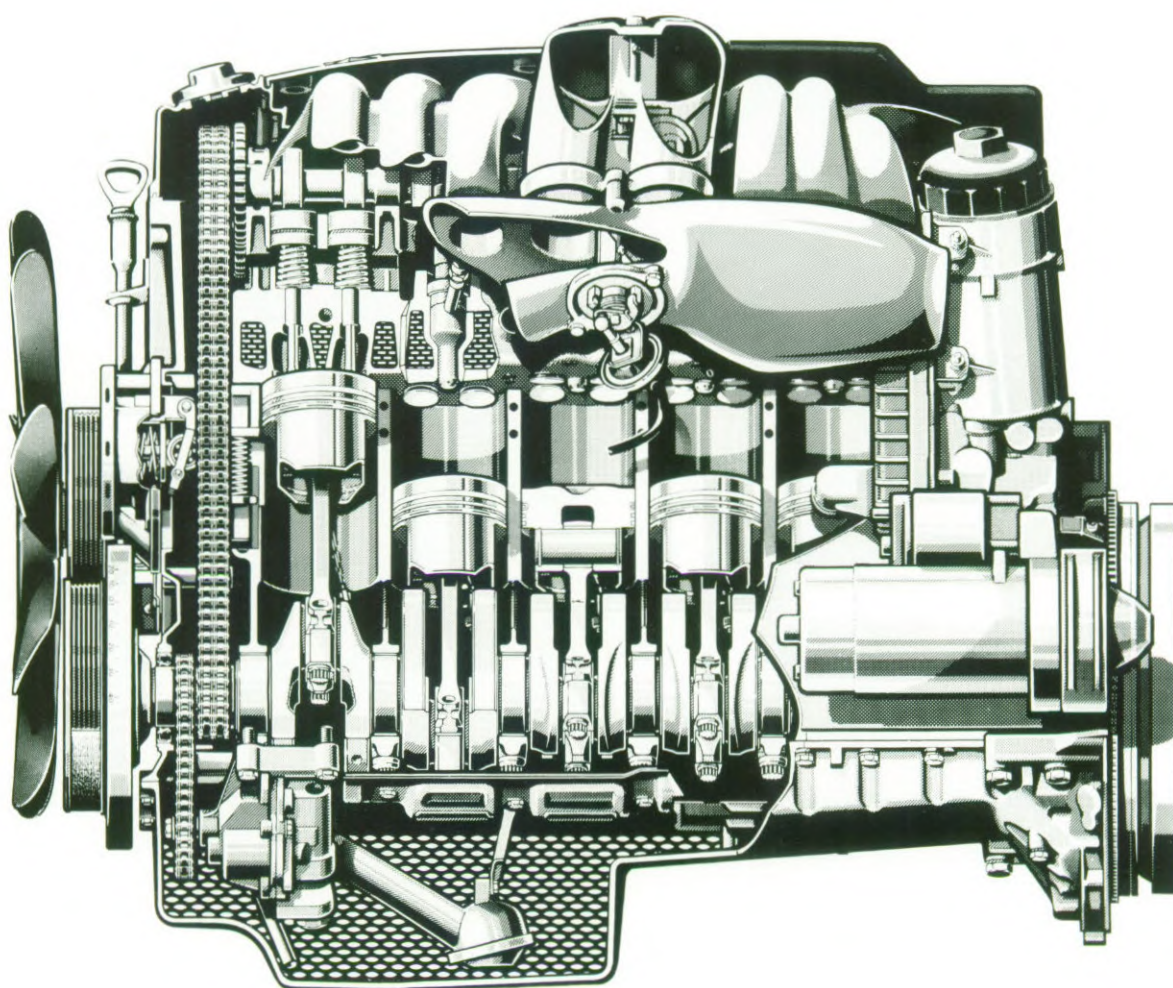


Mercedes-Benz
E 290 TURBODIESEL

Motor-Querschnitt
OM 602

Engine OM 602
cross-section

Coupe transversale
du moteur OM 602

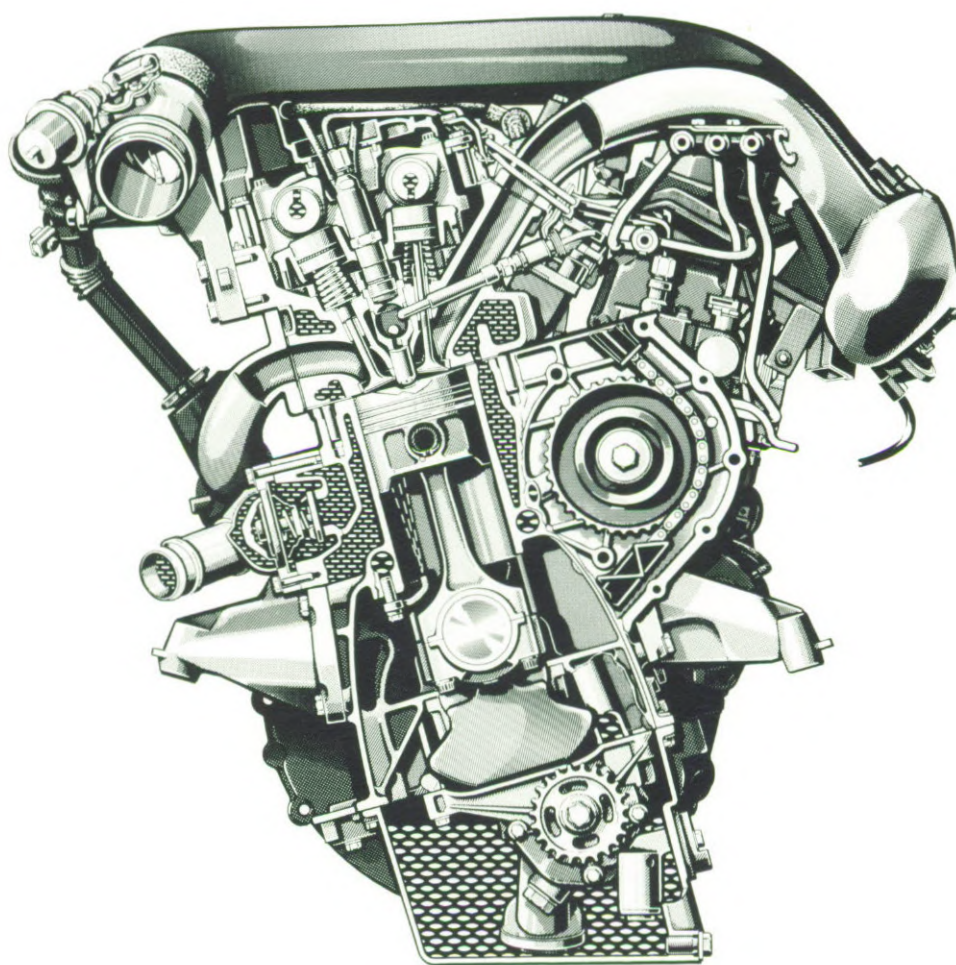


Mercedes-Benz
E 300 DIESEL

Motor-Längsschnitt
OM 606

Engine OM 606
longitudinal section

Coupe longitudinale
du moteur OM 606

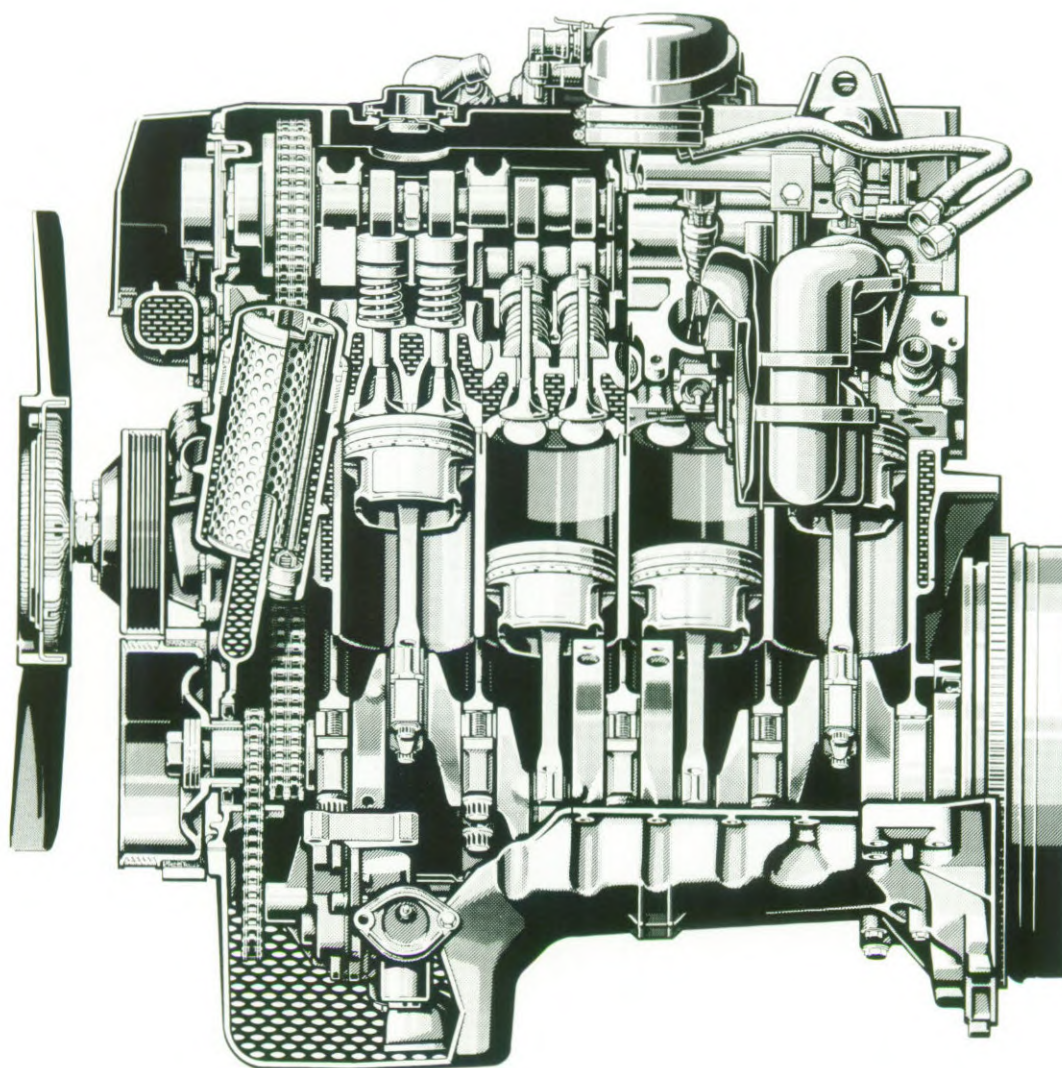


Mercedes-Benz
E 300 DIESEL

Motor-Querschnitt
OM 606

Engine OM 606
cross-section

Coupe transversale
du moteur OM 606

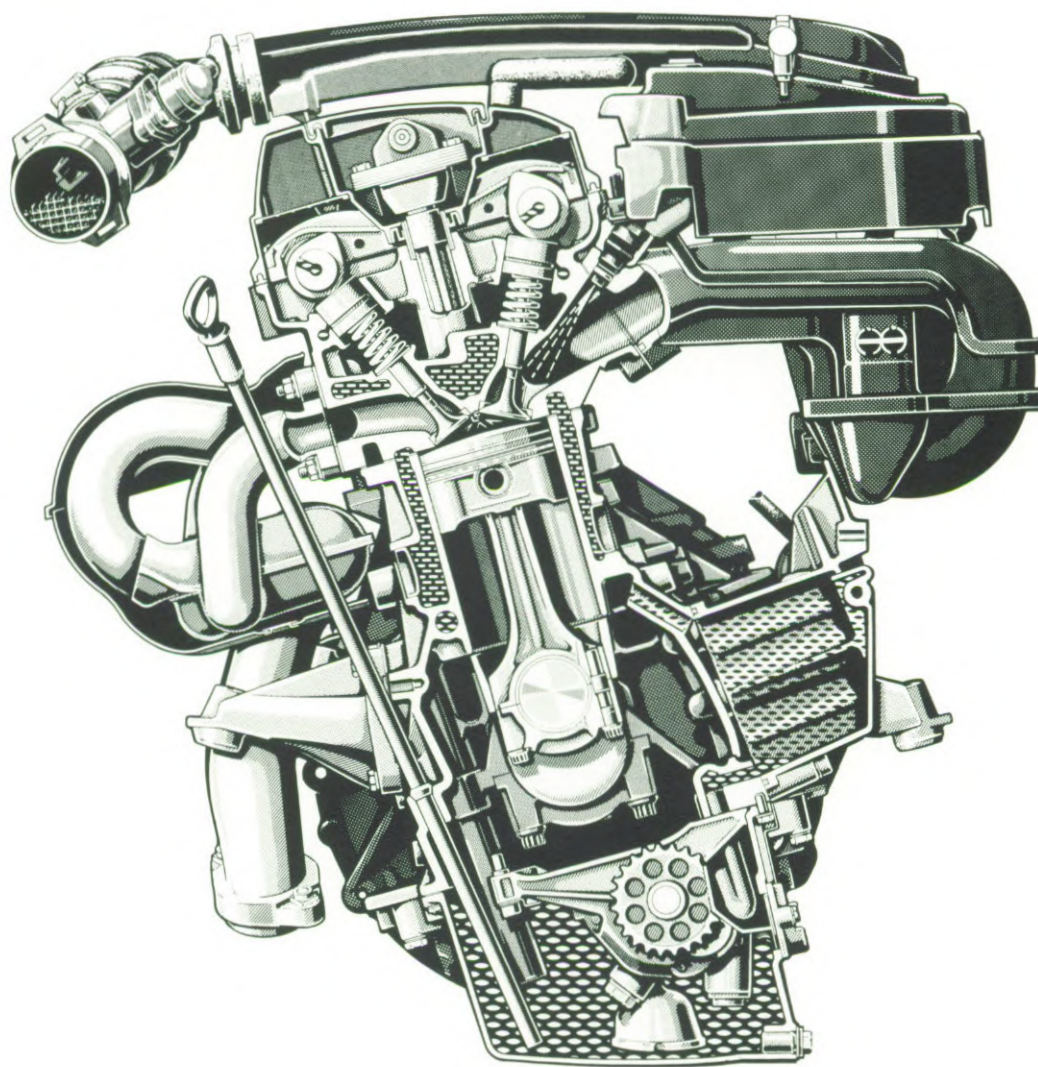


**Mercedes-Benz
E 200, E 230**

Motor-Längsschnitt
M 111
(E 200 ohne Nocken-
wellenverstellung)

Engine M 111
longitudinal section
(E 200 without cam-
shaft adjustment)

Coupe longitudinale
du moteur M 111
(E 200 sans arbre
à cames à calage
variable)

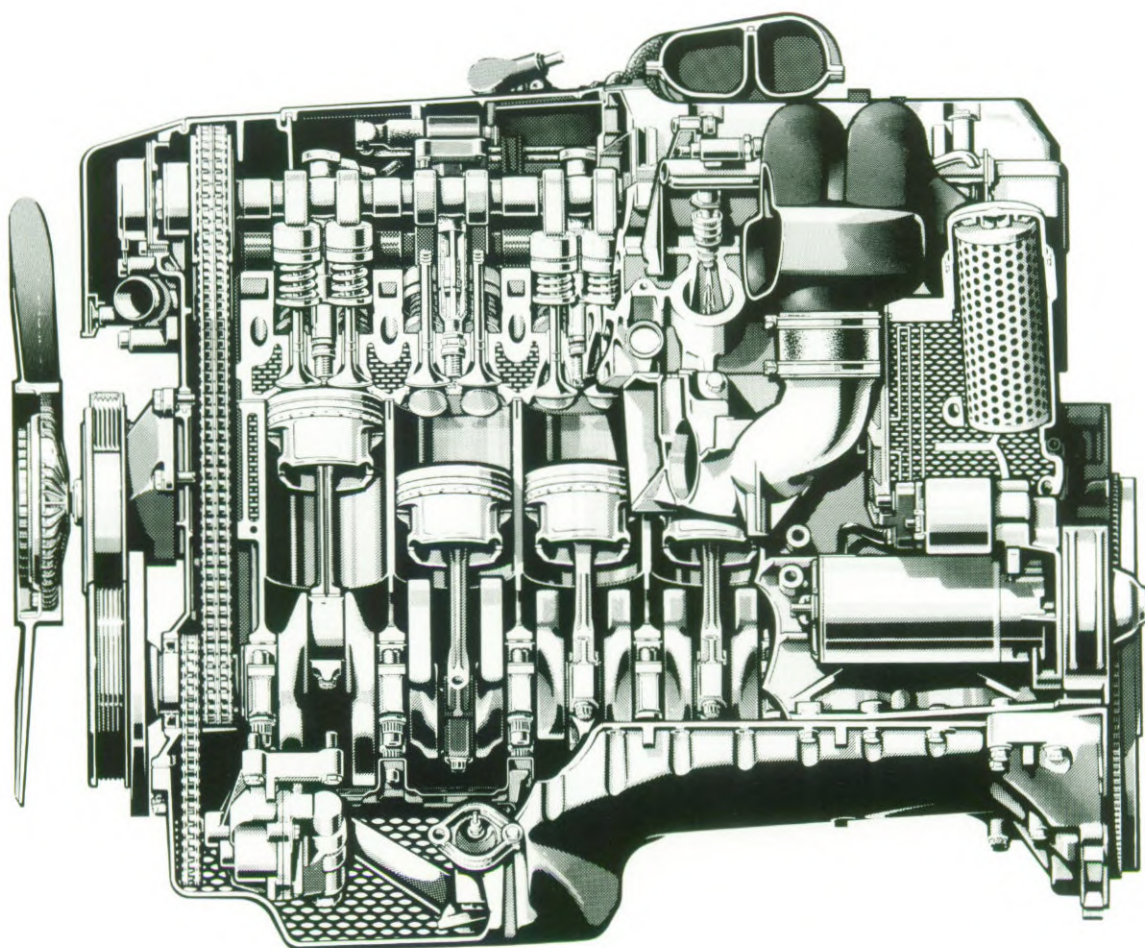


Mercedes-Benz
E 200, E 230

Motor-Querschnitt
M 111

Engine M 111
cross-section

Coupe transversale
du moteur M 111

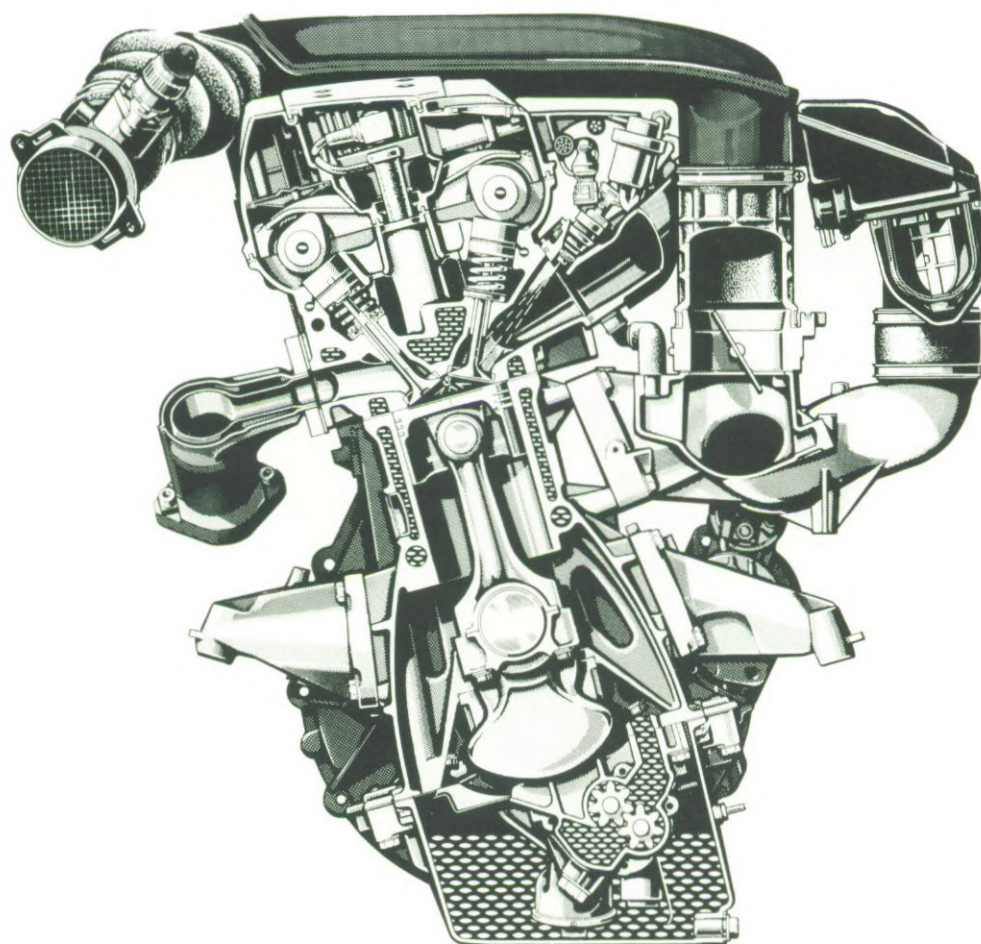


Mercedes-Benz
E 280, E 320

Motor-Längsschnitt
M 104

Engine M 104
longitudinal section

Coupe longitudinale
du moteur M 104

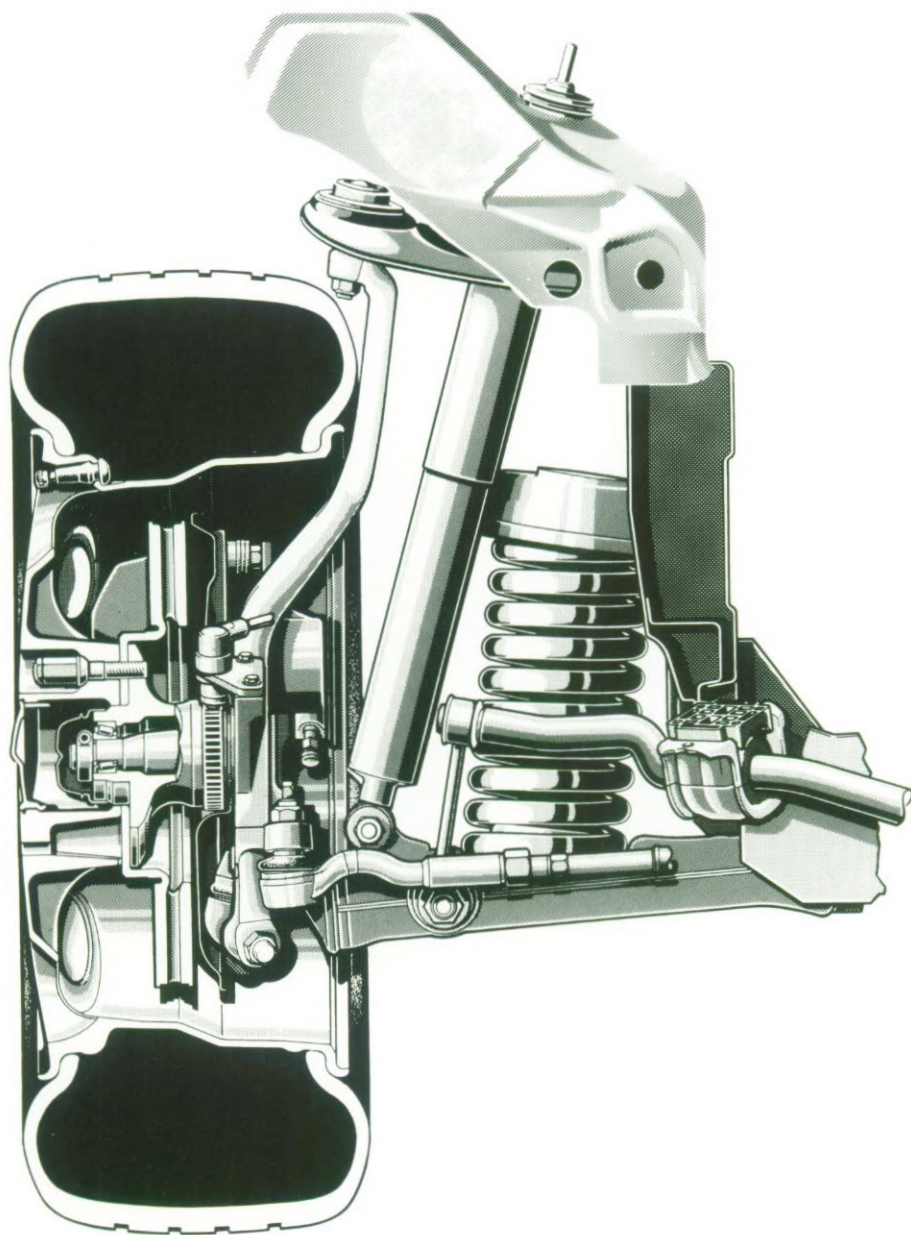


Mercedes-Benz
E 280, E 320

Motor-Querschnitt
M 104

Engine M 104
cross-section

Coupe transversale
du moteur M 104

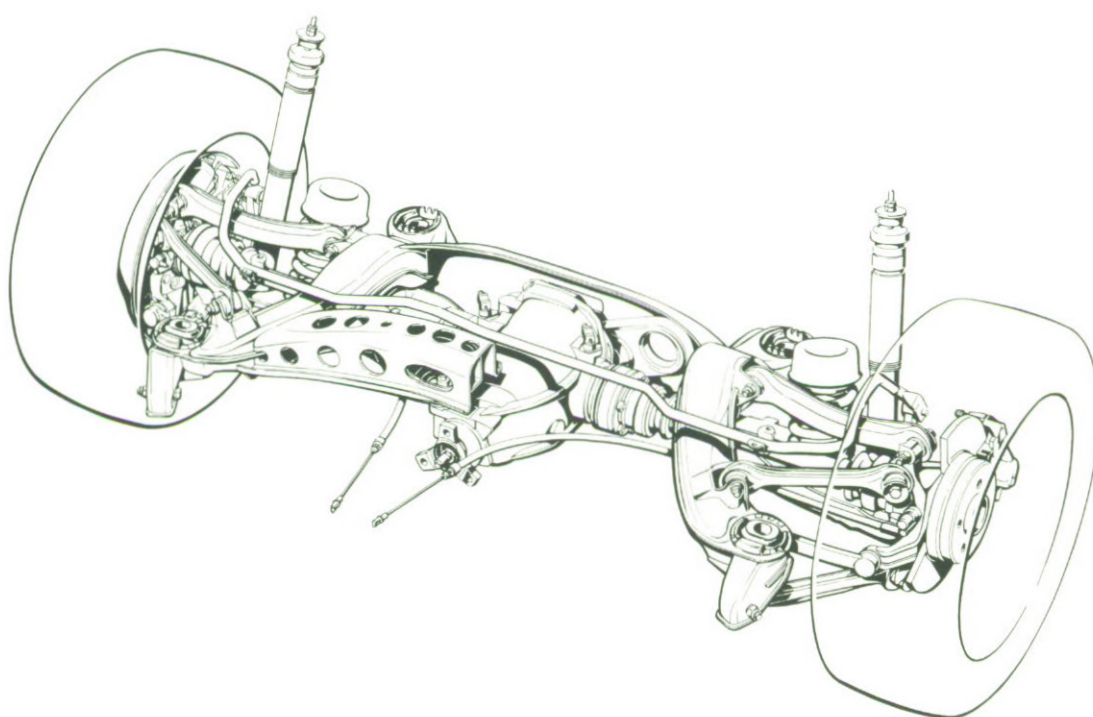


Mercedes-Benz
E 420

Vorderachse

Front suspension

Essieu avant

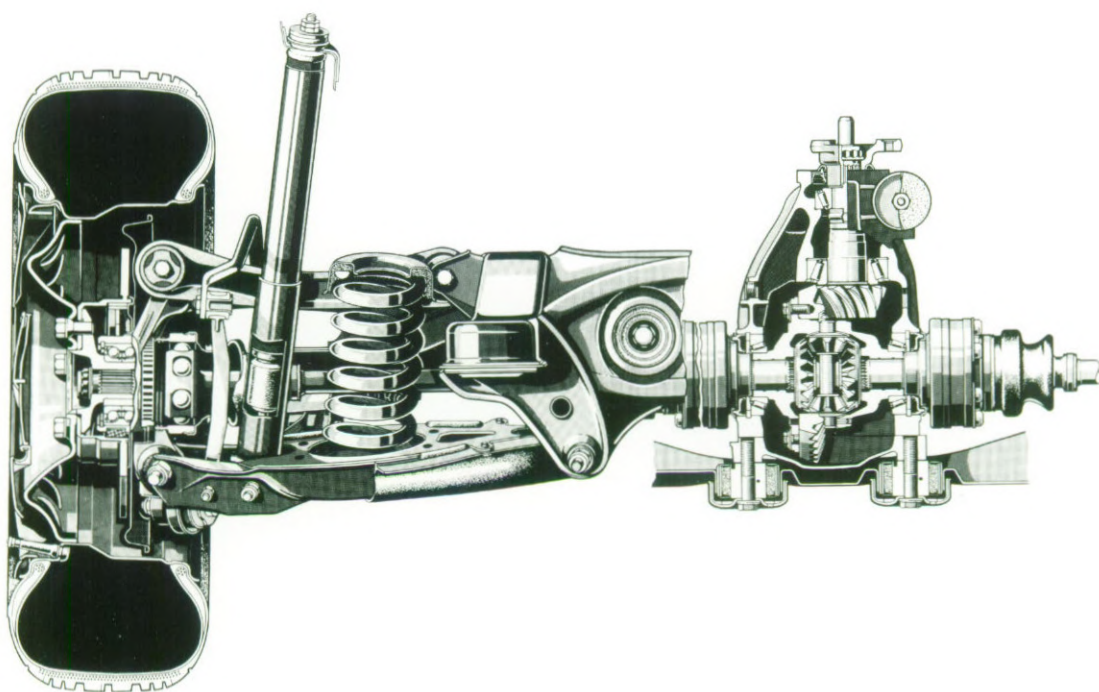


Mercedes-Benz
E 220 DIESEL –
E 420

Raumlenker-
Hinterachse

Multi-link
independent
rear suspension

Essieu arrière
multibras

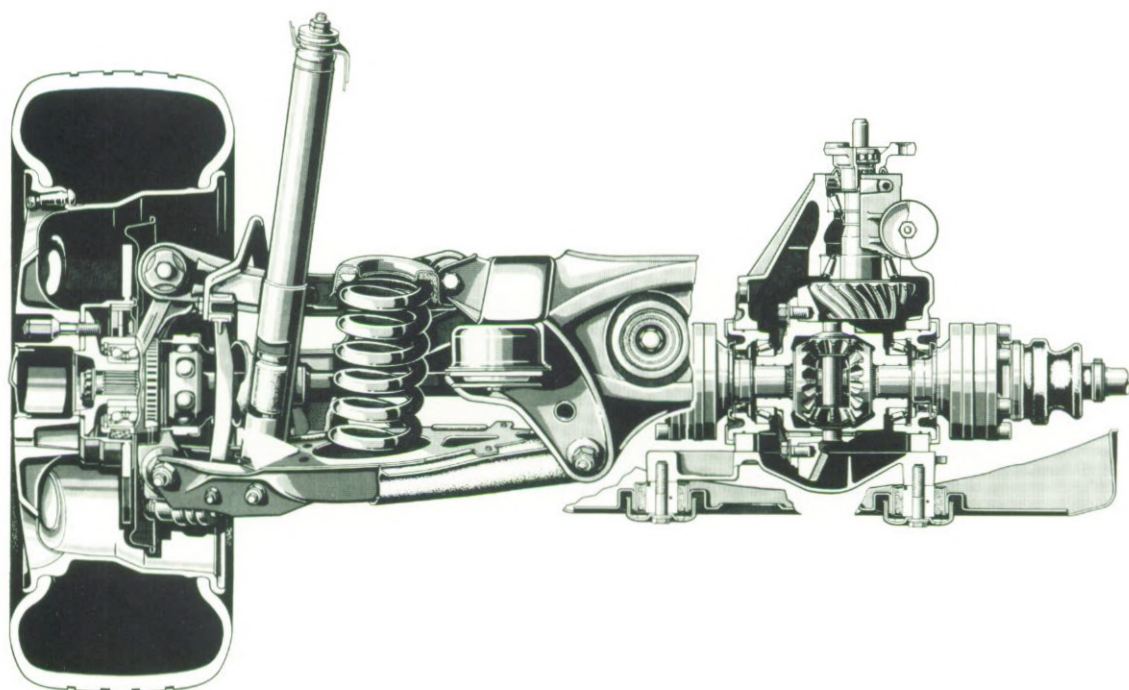


Mercedes-Benz
E 220 DIESEL –
E 320

Hinterachse

Rear suspension

Essieu arrière

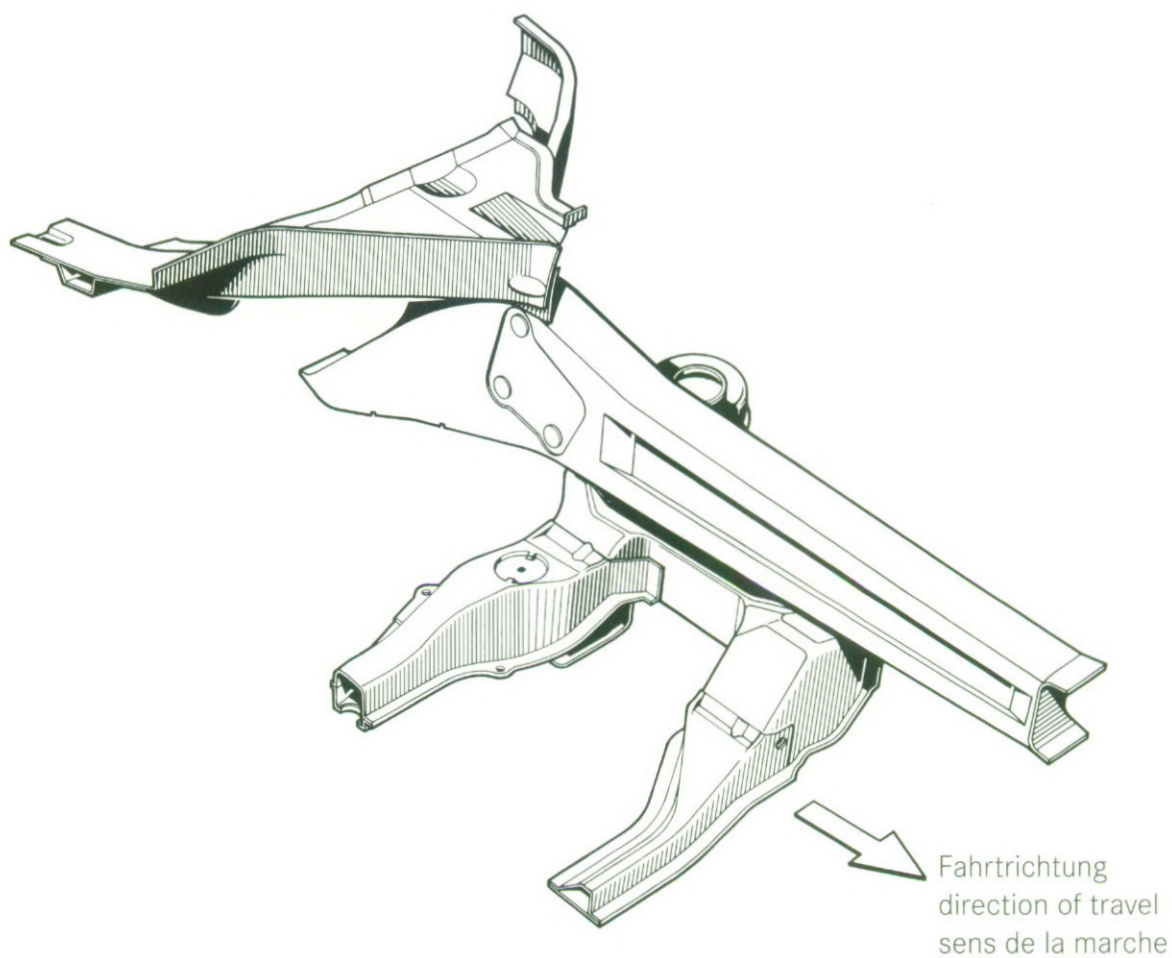


Mercedes-Benz
E 420

Raumlenker-
Hinterachse

Multi-link
independent
rear suspension

Essieu arrière
multibras

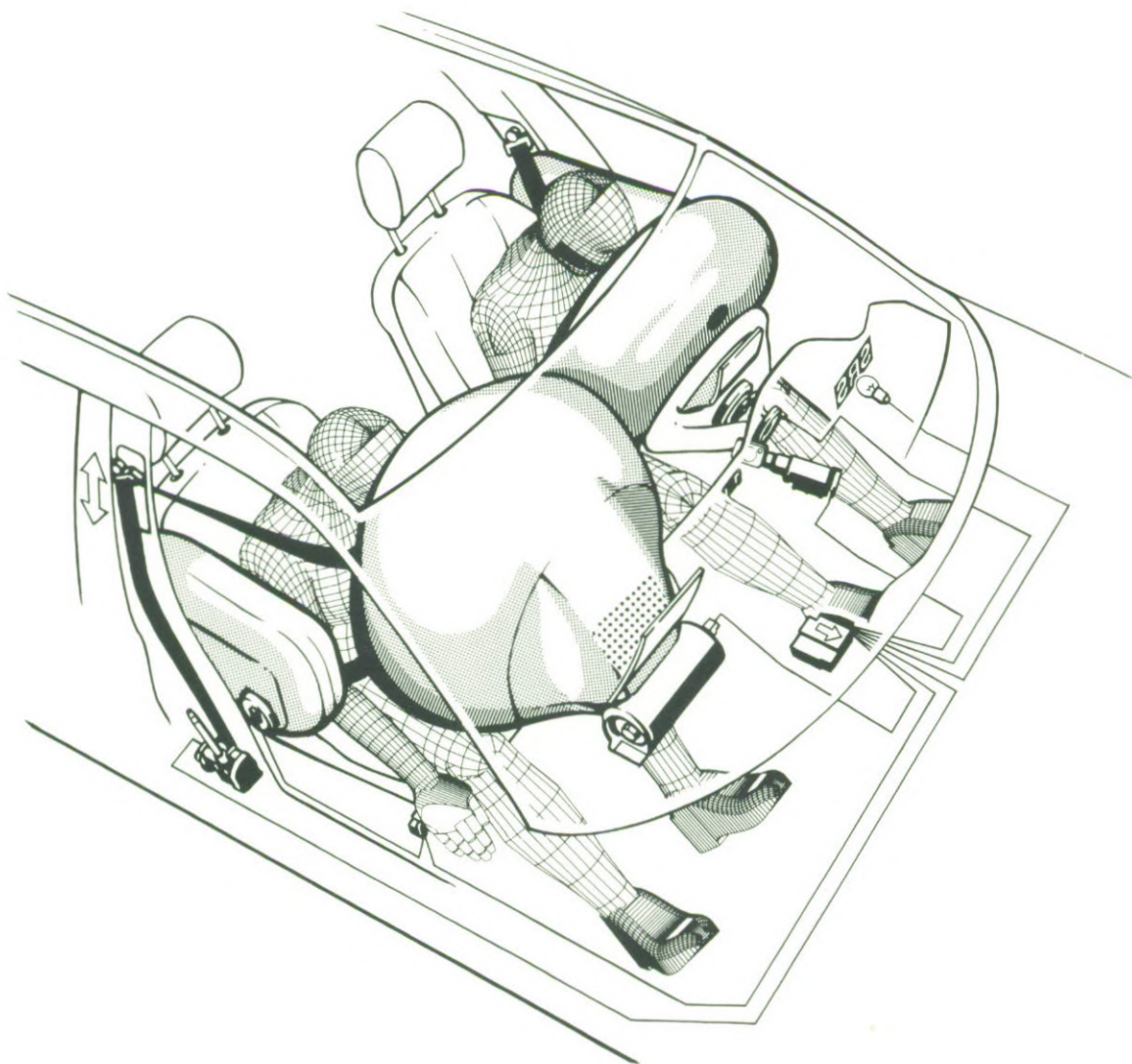


Mercedes-Benz
E 220 DIESEL –
E 420

Vorbaustruktur:
Längsträger und
Integralträger

Front-end structure:
frame side members
and integral support
frame

Structure avant:
Longerons et support
intégral

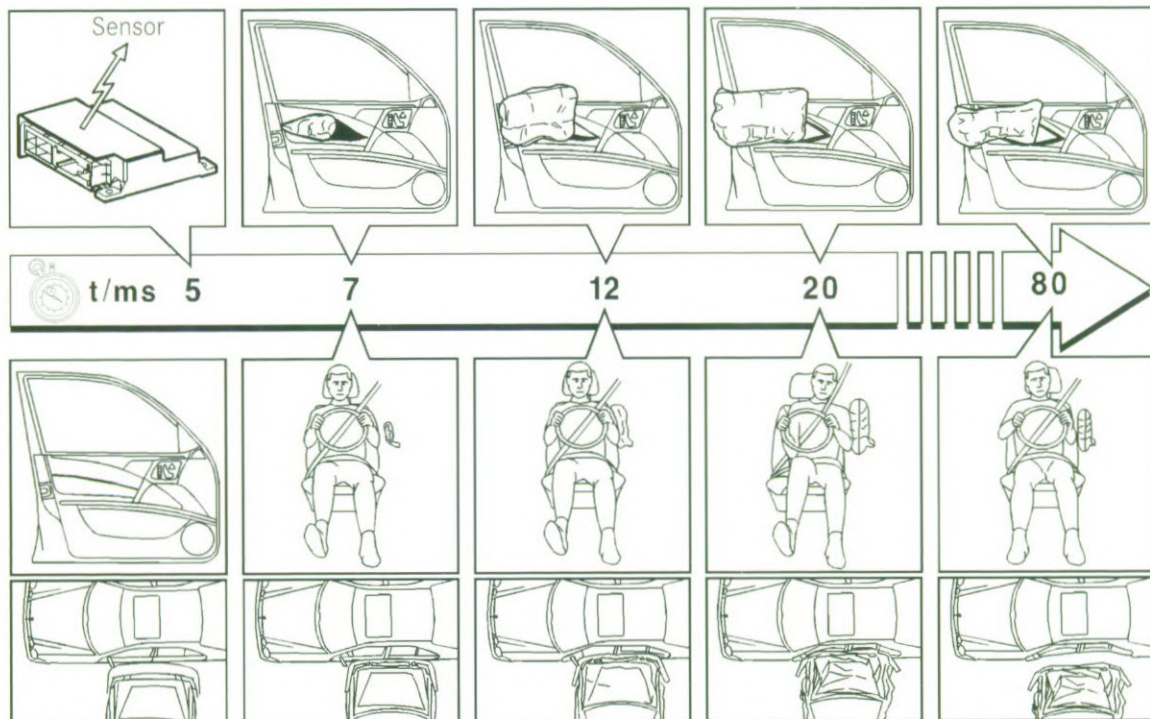


Mercedes-Benz
E 220 DIESEL –
E 420

Fahrer- und Beifahrer-
airbag serienmäßig

Driver and front
passenger airbag as
standard

Airbag
(coussin gonflable)
conducteur et
passager de série

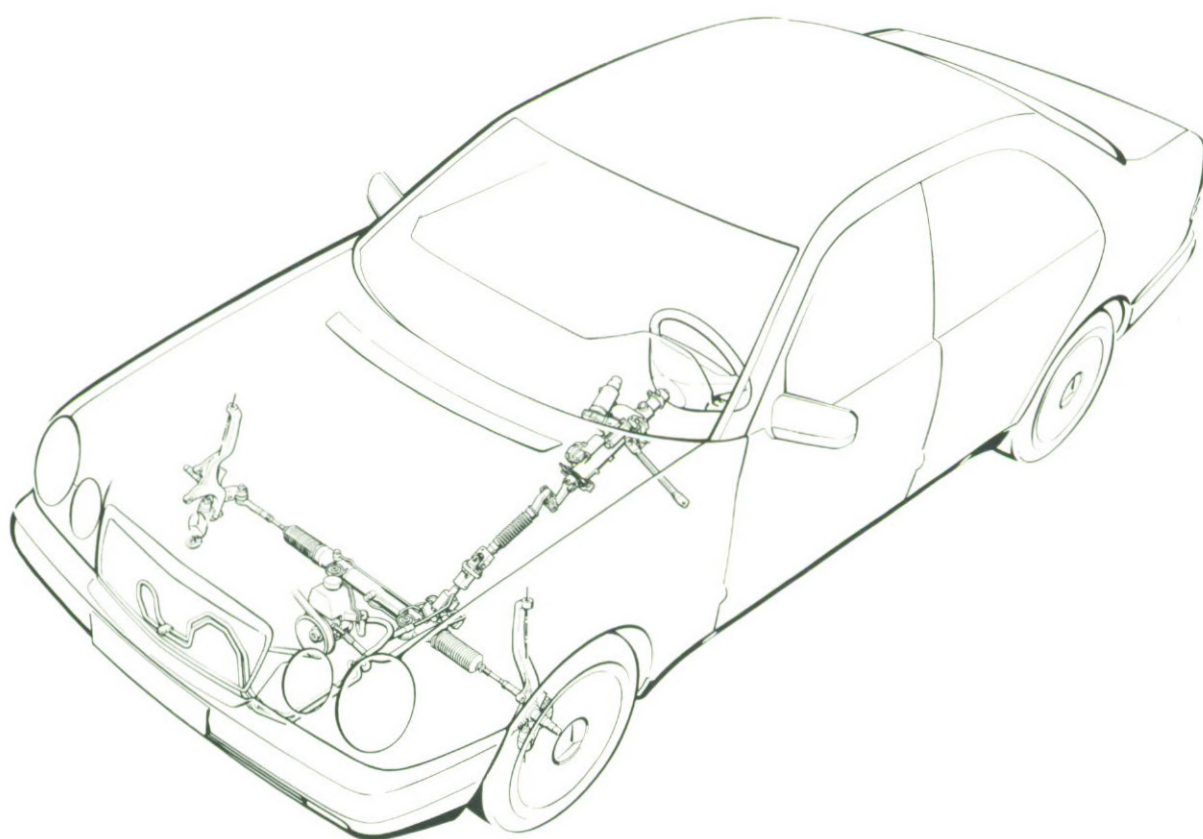


**Mercedes-Benz
E 220 DIESEL –
E 420**

Auslösessequenzen
Sidebag

Sidebag triggering
sequences

Séquences de
déclenchement
airbag latéral

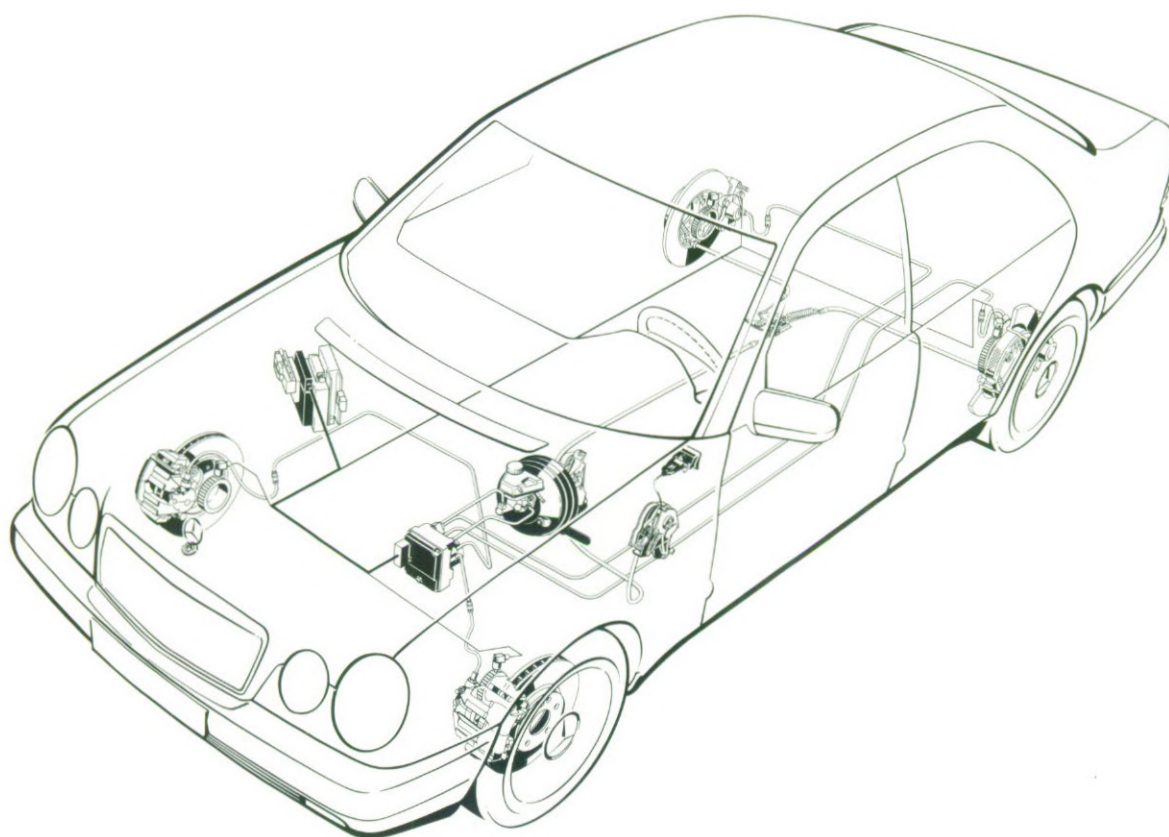


Mercedes-Benz
E 220 DIESEL –
E 420

Zahnstangenlenkung

Rack-and-pinion
steering

Direction à
crémaillère

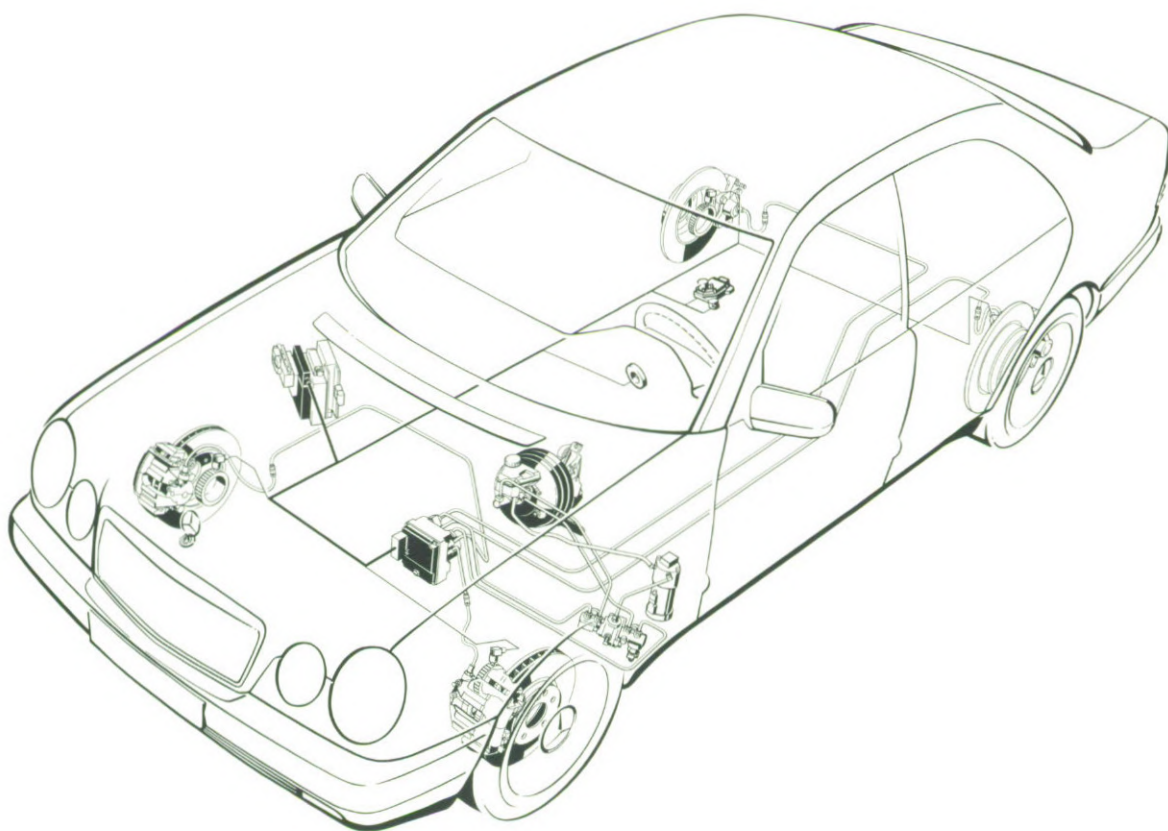


Mercedes-Benz
E 280, E 320, E 420

ABS/ASR

ABS/ASR

ABS/ASR

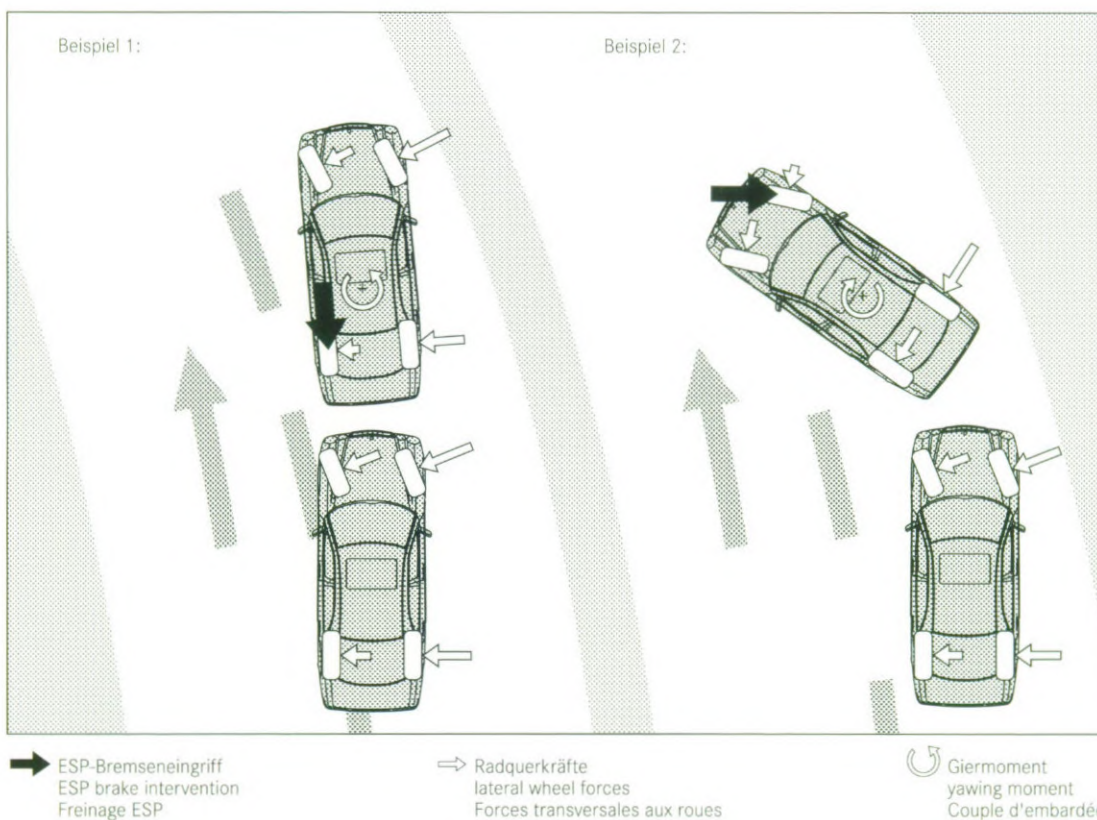


**Mercedes-Benz
E 420**

Electronic Stability
Program (ESP):
Kurvenfahrt ohne
Schleuderrisiko

Electronic Stability
Program (ESP):
cornering without the
risk of skidding

Régulation de com-
portement dynamique
(ESP): prendre les
virages sans dérapage



Beispiel 1:
Die Vorderräder schieben untersteuernd nach außen
Fahrzeugstabilisierung durch automatischen Bremseneingriff am linken Hinterrad

1st example:
Understeering: the front wheels push towards the outside.
The car is stabilised by means of automatic brake intervention at the left-hand side rear wheel.

Exemple 1:
Sous-virage: le train avant se déporte vers l'extérieur
Stabilisation du véhicule par freinage automatique de la roue arrière gauche

Beispiel 2:
Das Fahrzeugheck bricht übersteuernd aus
Fahrzeugstabilisierung durch automatischen Bremseneingriff am rechten Vorderrad

2nd example:
Oversteering: the rear of the car breaks away.
The car is stabilised by means of automatic brake intervention at the right-hand side front wheel.

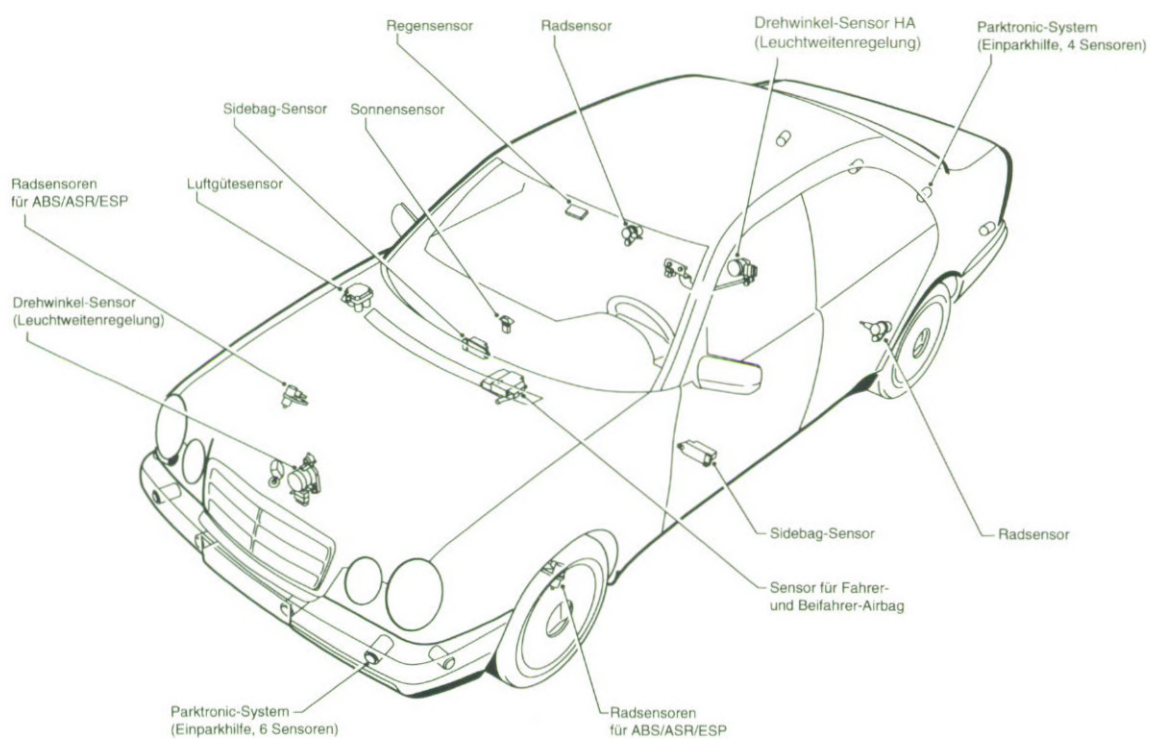
Exemple 2:
Sur-virage: le train arrière chasse vers l'extérieur
Stabilisation du véhicule par freinage automatique de la roue avant droite

**Mercedes-Benz
E 420**

Electronic Stability
Program (ESP):
Kurvenfahrt ohne
Schleuderrisiko

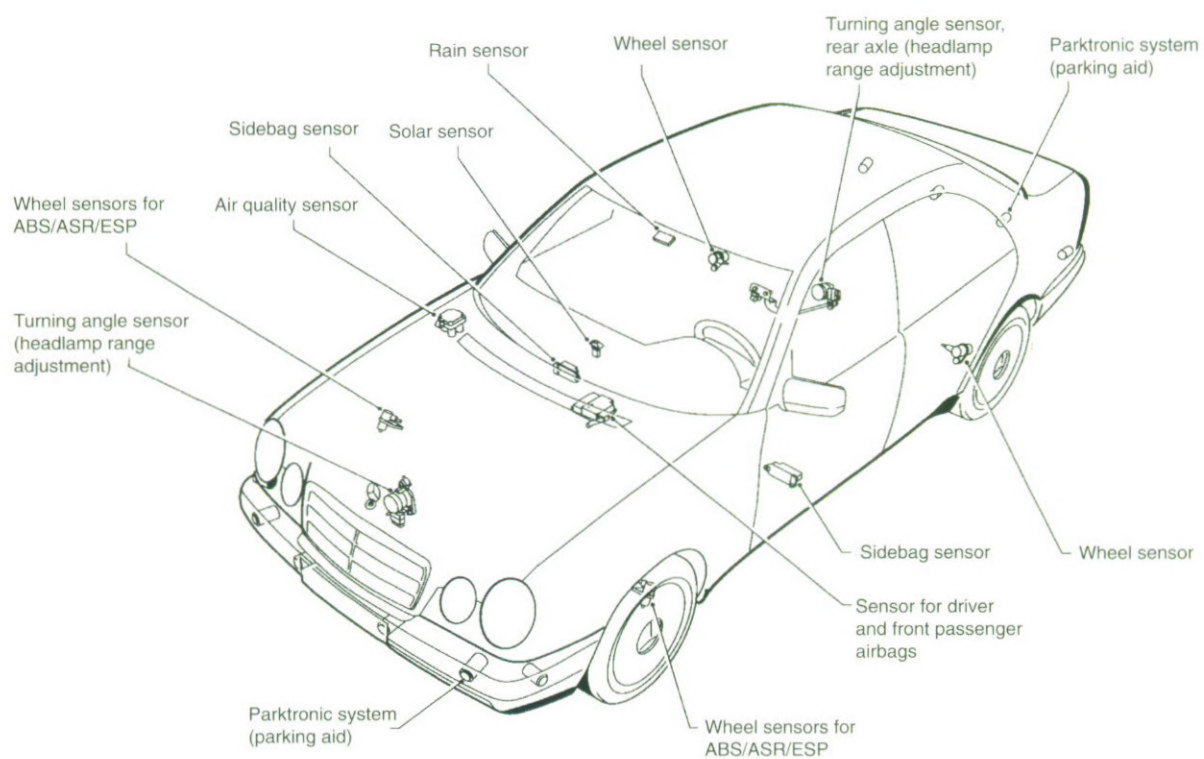
Electronic Stability
Program (ESP):
cornering without the
risk of skidding

Régulation de com-
portement dynamique
(ESP): prendre les
virages sans dérapage



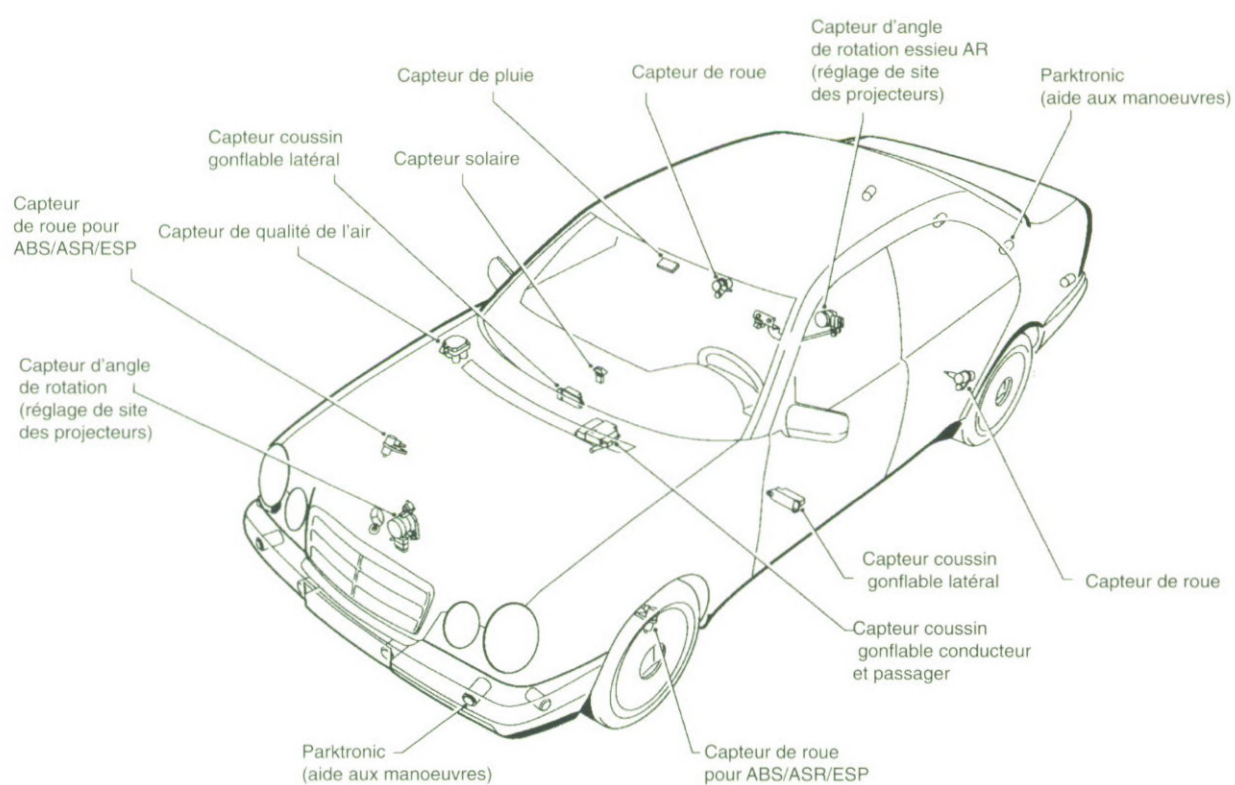
Mercedes-Benz
E 220 DIESEL –
E 420

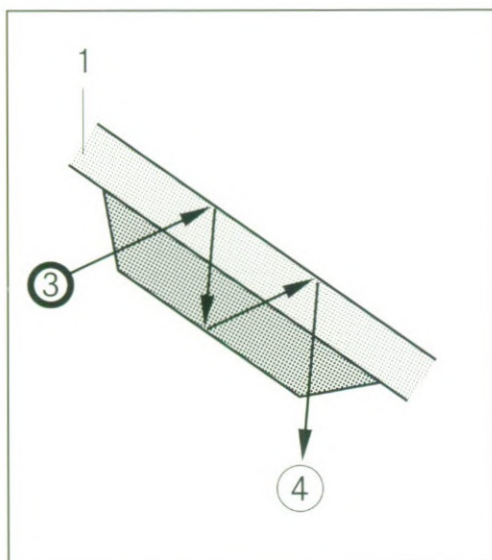
Sensoren



Mercedes-Benz
E 220 DIESEL –
E 420

Sensors

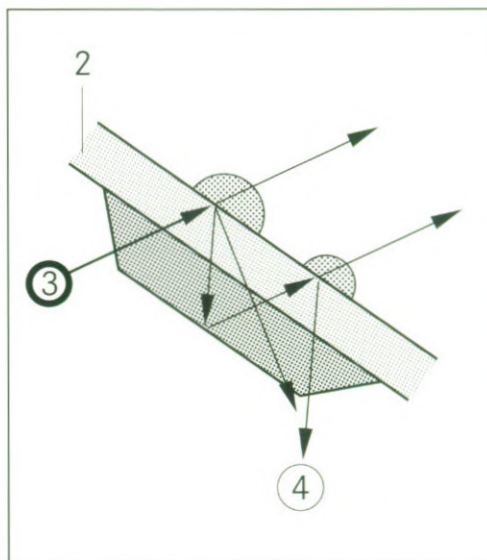




- 1) Frontscheibe trocken
vollständige Lichtreflexion
Dry Windscreen
complete light refraction
Pare-brise sec réflexion
totale de la lumière

- 3) Senderdioden
Sender diodes
diodes émettrices

- 4) Empfängerdioden
Receiver diodes
diodes réceptrices



- 2) Frontscheibe naß
verringerte Lichtreflexion
Wet windscreen
reduced light refraction
Pare-brise mouillé
réflexion partielle de la lumière

- 3) Senderdioden
Sender diodes
diodes émettrices

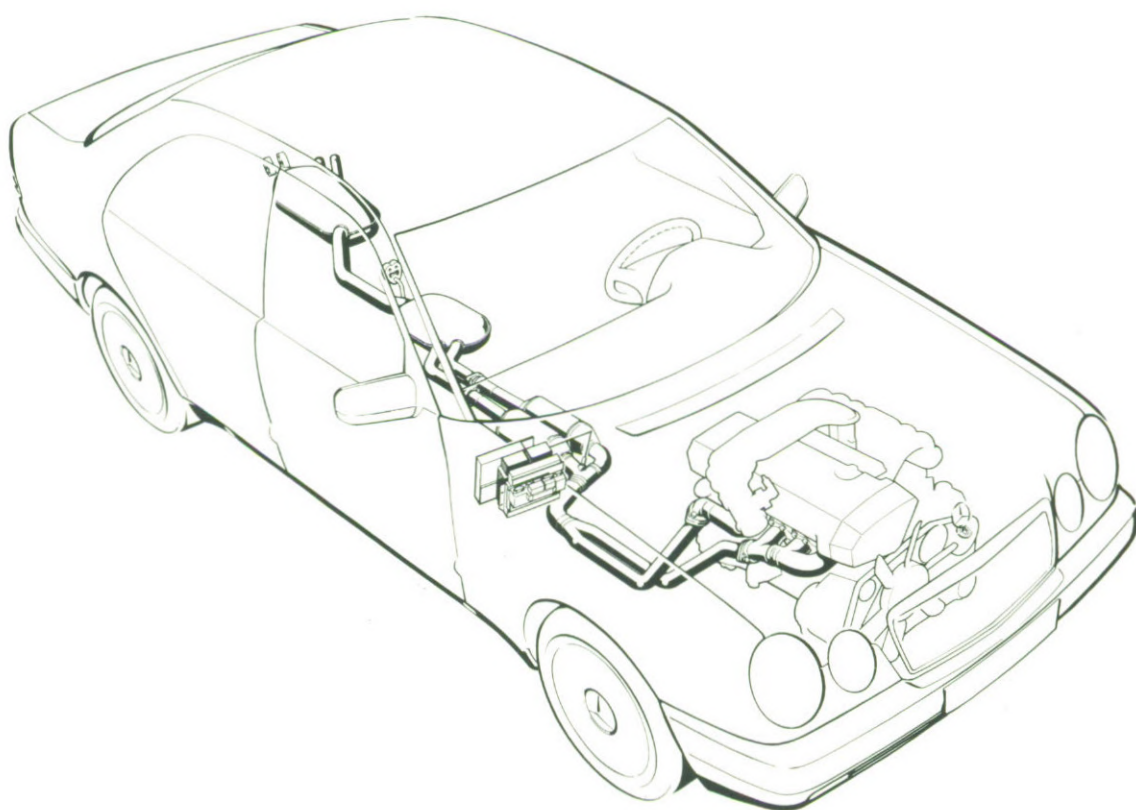
- 4) Empfängerdioden
Receiver diodes
diodes réceptrices

Mercedes-Benz
E 220 DIESEL –
E 420

Regensensor:
Infrarotlicht mißt die
Regenintensität

Rain sensor:
intensity of rainfall
measured by infrared
light

Capteur de pluie:
l'intensité de la pluie
est mesurée par
lumière infrarouge

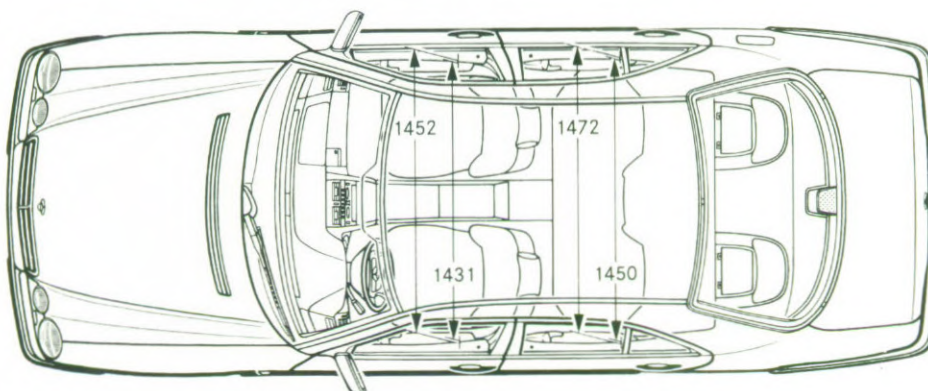
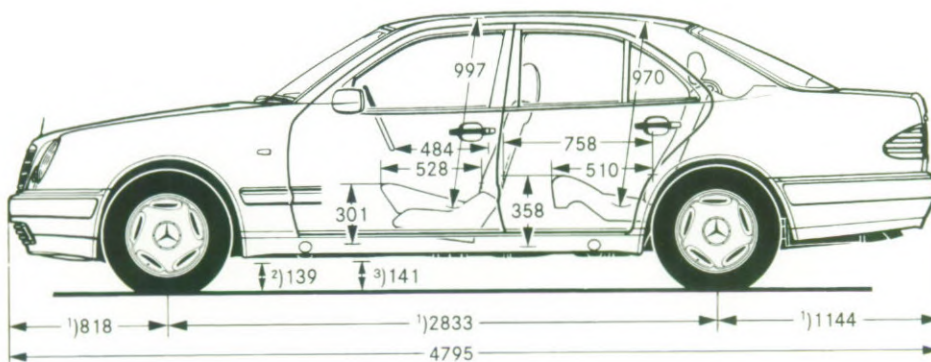
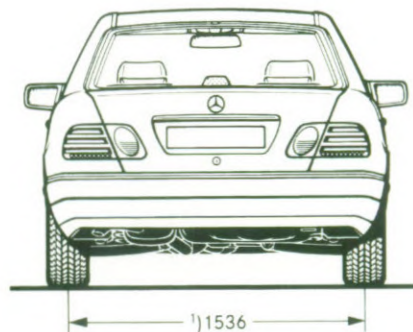
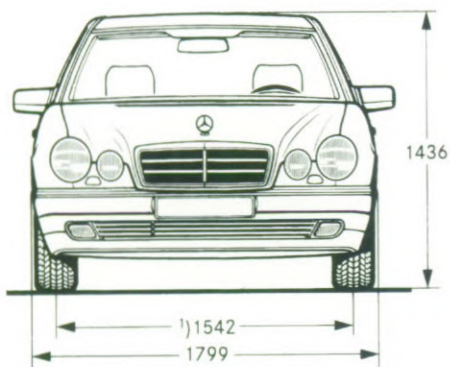


Mercedes-Benz
E 280, E 320

Auspuffanlage mit
Katalysator

Exhaust system with
catalytic converter

Système d'échappe-
ment avec catalyseur



Maße unbelastet

- 1) Bei Belastung mit 3 Personen à 68 kg
- 2) Bei Belastung mit 3 Personen à 68 kg, Benzinfahrzeuge
- 3) Bei Belastung mit 3 Personen à 68 kg, Dieselfahrzeuge

Ground clearance, unladen

- 1) laden with 3 persons @ 68 kg
- 2) laden with 3 persons @ 68 kg, petrol-engine vehicles
- 3) laden with 3 persons @ 68 kg, diesel-engine vehicles

Cotes (poids à vide)

- 1) avec 3 personnes de 68 kg
- 2) avec 3 personnes de 68 kg (modèles essence)
- 3) avec 3 personnes de 68 kg (modèles diesel)

Mercedes-Benz
E 220 DIESEL -
E 420

Maßzeichnungen

Dimensional drawings

Plans des cotes

