

AGILITY CONTROL suspension with selective damping system (485)

In a nutshell



This suspension with selective passive damping system ensures balanced ride comfort by optimising ride characteristics, damping effect and stabilisation according to the road surface conditions.

Overview

AGILITY CONTROL suspension at a glance:

- Suspension with a selective passive damping system for balanced ride comfort
 - Optimisation of ride characteristics, damping effect and stabilisation depending on the road surface conditions
 - In the case of small bumps, reduced damping effect for better road roar and tyre vibration characteristics and improved sensitivity
 - in the case of larger bumps on poor road surfaces, full damping effect and better handling
-

Description

AGILITY CONTROL suspension – comfortable on every road surface

This suspension with selective passive damping system ensures balanced ride comfort by optimising ride characteristics, damping effect and stabilisation according to the road surface conditions. In the case of small bumps, the stroke-dependent damping function is reduced and therefore improves road roar and tyre vibration characteristics and sensitivity. In the case of larger bumps on poor road surfaces, the full effect of the passive damping is available and the vehicle is stabilised more strongly.

Function and Technology

Selective damping – more or less damping depending on the road surface

The function module of the selective damping consists of an elastomer piston which in the case of smaller bumps provides a bypass for the oil flow, which runs parallel to the conventional shock absorber plating. In the case of small bumps, the damping effect is therefore reduced within a range of between +/-10 mm. The road roar and tyre vibration characteristics and sensitivity of the suspension are thereby significantly improved in particular. In the case of larger suspension movements, the full damping function is enabled through the selective effect of the damper.

Availability (C-Class Saloon W205 2016 Modification year)

C 180 d	<input type="radio"/> Available as an option at no extra cost
C 200 d	<input type="radio"/> Available as an option at no extra cost
C 220 d	<input type="radio"/> Available as an option at no extra cost
C 220 d 4MATIC	<input type="radio"/> Available as an option at no extra cost
C 250 d	<input type="radio"/> Available as an option at no extra cost
C 250 d 4MATIC	<input type="radio"/> Available as an option at no extra cost
C 300 h	<input type="radio"/> Available as an option at no extra cost
C 350 e	— Not available
C 160	<input type="radio"/> Available as an option at no extra cost
C 180	<input type="radio"/> Available as an option at no extra cost
C 200	<input type="radio"/> Available as an option at no extra cost
C 200 4MATIC	<input type="radio"/> Available as an option at no extra cost
C 250	<input type="radio"/> Available as an option at no extra cost
C 300	<input type="radio"/> Available as an option at no extra cost
C 400 4MATIC	<input type="radio"/> Available as an option at no extra cost
Mercedes-AMG C 43 4MATIC	— Not available
Mercedes-AMG C 63	— Not available
Mercedes-AMG C 63 S	— Not available