

New Product Information



Suspension Kit equipped with Full Length Adjustability and 32 Levels of Damping Force Adjustments. Wide range adjustability can finely balance driving performance and ride quality to meet your needs from the street to the circuit.

(Vehicle)	(Model Year)	(Model)	(E/G Model)	(MSRP w/tax)	(MSRP)	(Code No.)	(JAN Code)
Mercedes Benz							
A180	12/11-	W176	270	¥183,600	¥170,000	92517	4959094925170



Front: -12mm Down / Rear: -24mm Down



Product Specification		
	Front	Rear
Damping Force Adjustability	32 Levels	32 Levels
Length Adjustment	○	○
Shock Absorber Structure	Coilovers	Separate
Upright or Inverted	Upright	Upright
Upper Mount	Stock	Stock
Spring Rate kgf/mm	6.0	6.0
Free Length of Spring mm	180	160
Spring Type※	BS	BS
Ride Height Adjustability mm	-65 ~ 0	-35 ~ 0
Remarks	2WD Only	

※Abbreviation for Spring Types 「ST:ID62 Straight Spring」, 「BS: Barrel or Tapered, Vehicle Specific Springs」

※Adjustability in ride height may vary between vehicles.

Release Date January 23rd, 2019 (Wednesday)

Information on Verification Test Vehicle

This product has been tested on the following vehicle.

Data taken from in house measurements.

Measurements for the vehicle height may differ depending on the vehicle's grade and options.

The distance from the ground to fender may differ even when your vehicle is set at the same measurements as the test vehicle.

Please use the following data as a reference and adjust your vehicle height accordingly.

確認車両データ (Information on Verification Test Vehicle)		
車名/型式/グレード (Vehicle Name/Model/Grade)	A180 / W176 / A180 AMG Style	
	フロント (Front)	リア (Rear)
車重[kg] (Vehicle Weight)	910	530
レバー比 (Lever Ratio)	1.0	ショック:0.9 スプリング:1.2 (Shock Absorber) (Spring)
タイヤサイズ (Tire Size)	225/40/18	225/40/18
ホイールサイズ (Wheel Size)	18インチ × 7.5J インセット 52 (INCHES) (INSET)	18インチ × 7.5J インセット 52 (INCHES) (INSET)
スプリングデータ (Spring Data)		
スプリングバネレート[kgf/mm] (Spring Rate)	6.0	6.0
スプリング自由長[mm] (Free Length of Spring)	180	160
スプリング内径【】は外径 (Spring Inner Diameter 【Outer】)	φ 62	φ 62 - (φ 115) - φ 62
アライメントデータ (Alignment Data)		
トー 【純正值】 (Toe 【Stock Measurements】)	+0° 09' [- ± -mm]	+0° 04' [- ± -mm]
キャンバー 【純正值】 (Camber 【Stock Measurements】)	-1° 24' [-° -' ± ° -']	-2° 19' [-° -' ± ° -']
キャスター 【純正值】 (Caster 【Stock Measurements】)	-6° 39' [-° -' ± ° -']	-
車高データ (Vehicle Height Data)		
地面～フェンダー[mm] (Ground～Fender [mm])	647	656
純正からのダウン量[mm] (Difference from Stock [mm])	-12	-24
車高調整範囲[mm] (Ride Height Adjustability [mm])	-65 ~ 0	-35 ~ 0
減衰力データ (Damping Force Data)		
開発時減衰力 (Damping Force during Development)	16	16

■Precautions During Installation

- The rear damping force adjustment dials are located inside the wheel well.
Therefore the wheels must be removed in order to access them.

■Other Remarks

- Lower your vehicle for a stylish form.
- Cornering performance is enhanced by limiting vehicle roll.