

Additional Applications



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
TOYOTA							
86 GR	2017/12-	ZN6	FA20	¥170,640	¥158,000	92467	4959094924678



Front: -22mm Down / Rear: -22mm Down

Product Specification		
	Front	Rear
Damping Force Adjustability	32 Levels	32 Levels
Length Adjustment	○	○
Shock Absorber Structure	Coilovers	Coilovers
Upright or Inverted	Upright	Upright
Upper Mount	Adjustable Pillow Ball	Reinforced Rubber
Spring Rate kgf/mm	6.0	4.0
Free Length of Spring mm	150	200
Spring Type※	ST	ST
Ride Height Adjustability mm	-52 ~ 0	-55 ~ -15
Remarks	2WD Specific	

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

※Adjustability in ride height may vary between vehicles.

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)	86 GR / ZN6 / GR	
	フロント (Front)	リア (Rear)
車重[kg] (Vehicle Weight)	680	560
レバー比 (Lever Ratio)	1.0	1.1
タイヤサイズ (Tire Size)	215/45 R17	235/45 R17
ホイールサイズ (Wheel Size)	17インチ × 7.5J インセット 47 (INCHES) (INSET)	17インチ × 8.5J インセット 50 (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	4.0
スプリング自由長[mm] (Free Length of Spring)	150	200
スプリング内径【】は外径 (Spring Inner Diameter 【Outer】)	φ 62	φ 62
アライメントデータ (Alignment Data)		
トー [純正值] (Toe [Stock Measurements])	+0° 02' [0 ± 3.0mm]	+0° 07' [2.0 ± 3.0mm]
キャンバー [純正值] (Camber [Stock Measurements])	-3° 13' [-0° 00' ± 0° 45']	-2° 11' [-1° 12' ± 0° 45']
キャスター [純正值] (Caster [Stock Measurements])	-5° 30' [-5° 54']	-
車高データ (Vehicle Height Data)		
地面～フェンダー[mm] (Ground～Fender [mm])	660	661
純正からのダウン量[mm] (Difference from Stock [mm])	-22	-22
車高調整範囲[mm] (Ride Height Adjustability [mm])	-52 ~ 0	-55 ~ -15
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 trunk side panel must be modified in order to install the rear shock absorbers.

■Other Remarks

- Installation has been tested on the 86 GR.
- Camber can be adjusted with the pillow ball front mount.
- The suspension has been mainly developed for comfort during daily driving.

However, the suspension will have no problem attacking the circuit if the damping force is increased.