

Additional applications for the DAMPER ZZ-R has been confirmed for the Toyota Granace (GDH303W)



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



Front : -36mm Down / Rear : -46mm Down

(Vehicle)	(Model Year)	(Model)	(E/G Model)	(MSRP w/tax)	(MSRP)	(Code No.)	(JAN Code)
TOYOTA							
GRANACE	2019/12-	GDH303W	1GD-FTV	¥242,000	¥220,000	92557	4959094925576

Product Description

- Utilizes $\phi 58\text{mm}$ Front, and $\phi 52\text{mm}$ Rear cartridges for greater durability and oil volume.
- Cornering performance has been improved by limiting vehicle roll.
- Sufficient compression and rebound strokes have been set for optimal ride quality.
- Lower your vehicle for a stylish look.
- For optimal ride quality make adjustments to the damping force depending on the number of passengers and road conditions.
- Includes short bump stop for the rear and shortened front stabilizer links.

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	8.0	10.5
Free Length of Spring mm	270	270
Spring Type※	BS	BS
Ride Height Adjustability mm	-55 ~ 0	-50 ~ -20



■ Remarks : Compatible with G, and Premium Models.

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

※Adjustability in ride height may vary between vehicles.

[Click here for further information on DAMPER ZZ-R](#)

Information on Verification Test 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.

DAMPER仕様・車両情報 (DAMPER specification, vehicle information)		
	スプリングデータ (Spring Data)	
スプリングバネレート[kgf/mm] (Spring Rate)	8.0	10.5
スプリング自由長[mm] (Free Length of Spring)	270	270
スプリング内径【】は外径 (Spring Inner Diameter 【Outer】)	φ 135.5 - φ 78.5	φ 100.5 - φ 99.5
	減衰力データ (Damping Force Data)	
減衰力調整 [開発時減衰] (Damping force adjustment)	32 [16]	32 [16]
	セッティングデータ (Damping Force Data)	
地面～フェンダー[mm] (Ground～Fender [mm])	735	776
車高純正比[mm] (Difference from Stock [mm])	-36	-46
最大車高調整範囲[mm] (Maximum height adjustment range)	-55 ~ 0	-50 ~ -20
レバー比 (Lever Ratio)	1.0	ショック:0.9 スプリング:1.2 (Shock Absorber) (Spring)
	テスト車両情報 (Test vehicle information)	
車名/型式/グレード (Vehicle Name/Model/Grade)	GRANACE / GDH303W / Premium	
	フロント (Front)	リア (Rear)
車重[kg] (Vehicle Weight)	1420	1320
タイヤサイズ (Tire Size)	235/60 R17	235/60 R17
ホイールサイズ (Wheel Size)	17インチ × 7.0J インセット 55 (INCHES) (INSET)	17インチ × 7.0J インセット 55 (INCHES) (INSET)
	アライメントデータ (Alignment Data)	
トー [純正值] (Toe [Stock Measurements])	-0° 05' [2.0 ± 2.0mm]	-0° 11' [-. - ± -. -mm]
キャンバー [純正值] (Camber [Stock Measurements])	-0° 21' [-0° 05' ± 0° 45']	-0° 06' [-° - -' ± -° - -']
キャスター [純正值] (Caster [Stock Measurements])	+4° 24' [+3° 19' ± 0° 45']	-
	最低地上高データ (Vehicle Height Data)	
最低地上高場所 [数値mm] (Minimum ground elevation [Numerical data mm])	フロントアンダーカバー左側 [142mm]	

■ Precaution during installation

- The front shock absorber is very heavy.
Please work on the car with at least 2 people to be safe.
- Stock upper mounts are utilized.
- Rear damping force adjustment dials are located inside the wheel well.