

Additional applications for the DAMPER ZZ-R has been confirmed for the TOYOTA GR YARIS 2024/04- (GXPA16)

# DAMPER ZZ-R

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

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



Front : 30mm Down / Rear : 25mm Down

(Vehicle)	(Model Year)	(Model)	(Engine Model)	(Code No.)	(JAN Code)
TOYOTA					
GR YARIS	2024/04-	GXPA16	G16E-GTS	92647	4959094926474

### Product Description

- Mono-tube adjustable coil over suspension kit.
- Employs 32 levels of damping force adjustability.
- Compatible with a wide range a circumstance from the street to the circuit.
- Aluminum upper mount, lock seat, and brackets have been utilized to maximize strength while minimizing weight.
- φ44 Mono-tube structure allows a fine balance of structural rigidity and smooth ride quality.

[Click here for price and availability](#)

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	Reinforced Rubber	Stock
Spring Rate kgf/mm	6.0	7.0
Free Length of Spring mm	220	220
Spring Type※	ST	BS
Ride Height Adjustability mm	-50 ~ 0	-55 ~ -5



■ Remarks : AT/MT Compatible. All grades compatible. Rear damping force located inside the wheel well.

Data on ride height adjustment from RZ "High performance" (AT).

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

※Adjustability in ride height may vary between vehicles.

Optional Parts		
Product Name	Code No.	Remarks
DSC PLUS Vehicle Specific Set TYPE-A	15236	Upgrade to the DSC Plus with the vehicle specific set

# DAMPER ZZ-R Spec & Vehicle Information



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.

メーカー (Manufacturer)	車名 (Vehicle Name)	型式 (Model)	年式 (Model Year)	グレード (Grade)
TOYOTA	GR YARIS	GXPA16	2024年5月	RZ"High performance"

確認車両情報		フロント (Front)	リア (Rear)	備考 (Remarks)
車両情報 (Vehicle Information)	車重(kg) (Vehicle Weight)	1300		AT車
	軸重(kg) (Axle Weight)	790	510	
	タイヤサイズ (Tire Size)	225/40 R18	225/40 R18	
	ホイールサイズ (Wheel Size)	18inch 8.0J Inset45	18inch 8.0J Inset45	
	レバー比 (Lever Ratio)	1.0	1.2	
アライメントデータ (Alignment Data)	トー (Toe)	+0°03'	+0°11'	
	キャンバー (Camber)	-2°06'	-2°24'	
	キャスター (Caster)	+5°50'	-	

DAMPER ZZ-R Spec.		フロント (Front)	リア (Rear)	備考 (Remarks)
DAMPER ZZ-R 仕様(Spec.)	スプリングレート(kgf/mm) (Spring Rate)	6.0	7.0	
	スプリング自由長(mm) (Free Length of Spring)	220	220	
	スプリング内径(mm) (Spring Inner Diameter)	φ62	φ62.5 - (φ104) - φ62.5	
	減衰力調整段数 (Damping force Adjustment)	1段 ~ 32段 (HARD) (SOFT)	1段 ~ 32段 (HARD) (SOFT)	DSC Plus装着時 32,64,96段へ変更可能
	地面〜フェンダー(mm) (Ground~Fender)	655	652	
	基準車高(mm) (Difference from Stock)	-30	-25	
	車高調整範囲(mm) (Height Adjustment Range)	-50 ~ 0	-55 ~ -5	
	最低地上高(mm) (Minimum Ground Clearance)	95mm (フロントメンバー右側)		

初めてご使用される際の推奨減衰力 (Recommended Damping force)	16段	16段	左記に記載の減衰に合わせて てからご使用ください
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※Product shipped at damping force of 16. Turn the dial all the way to the right for level 1 which is the hardest.  
 ※During installation turn the dial all the way to the right and then make adjustment towards the left accordingly.

## Product Description

- Setting made for vehicles made after 2024/04-.
- The ride height has been adjusted so the front end has more weight. This result in less understeer during corners.
- For detailed alignment settings to be made, optional Front pillow upper mount is available.
- Sufficient compression and rebound strokes have been set for optimal ride quality.
- Increase the damping force for greater stability during high speeds.
- Make adjustments to the damping force to optimize ride quality depending on number of passenger and road condition.
- By installing the Optional DSC PLUS, the damping force can be adjusted from inside the vehicle.

Additionally, G sensor and speed can be inputted for automated changes to the damping force.