

Additional application for the DAMPER ZZ-R Spec DSC Plus has been confirmed for the TOYOTA GR YARIS 2024/04- (GXPA16)

DAMPER ZZ-R Spec DSC Plus

Coil-over suspensions kit with electronically adjustable damping force. Wide range adjustability can finely balance driving performance and ride quality to meet your needs from the street to the circuit.



Front : 30mm Down / Rear : 25mm Down

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

(Vehicle)	(Model Year)	(Model)	(Engine Model)	(Code No.)	(JAN Code)
TOYOTA					
GR YARIS	2024/04-	GXPA16	G16E-GTS	98647	4959094986478

Product Description

[Click here for price and availability](#)

- Industry first Full Auto Mode is able to automatically adjust the damping force depending on how the vehicle's balance changes depending on variables such as road condition and number of passengers.
- The UP/Down switch has been enlarged and an additional rotary switch has been employed to make complex operations easier.
- The damping force can be easily adjusted from a controller inside your vehicle (Choose from 96/64/32 levels of adjustment). By utilizing a stepping motor, a maximum of 96 levels of adjustment is possible to finely tune the vehicle setup for your desired ride quality.
- During map control mode, variables such as rotational G, acceleration G, and vehicle speed are taken into account when automatically adjusting the damping force. G can be displayed in real time and its peak value can be shown as well.
- Total of 22 presets can be saved. The ADVANCED mode allows complex and detailed management of the damping force.
- With the separately sold GPS sensor kit, the vehicle speed can be easily inputted.

Product Specification		
	Front	Rear
Length Adjustment	○	○
Shock Absorber Structure	Coilovers	Separate
Upright or Inverted	Upright	Upright
Upper Mount	Reinforced Rubber	Reinforced Rubber
Spring Rate kgf/mm	6.0	7.0
Free Length of Spring mm	220	220
Spring Type※	ST	BS
Length Adjustment	-50 ~ 0	-55 ~ -5



■ Remarks : MT/AT compatible. All grades compatible. Ride height data 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
DSC PLUS GPS Sensor Kit	15214	Easily input speed
DSC PLUS Remote Switch	15219	Separate switch to change modes

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
- Increase the damping force by 4~6 click for speeds above 80km/h to improve vehicle stability.