

Additional applications for the DAMPER ZZ-R has been confirmed
TOYOTA GR86 (ZN8) / SUBARU BRZ (ZD8)

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 information on DAMPER ZZ-R](#)



(Vehicle)	(Model Year)	(Model)	(Motor Model)	(Code No.)	(JAN Code)
TOYOTA					
GR86	2023/11-	ZN8	FA24	92467	4959094924678
SUBARU					
BRZ	2023/11-	ZD8	FA24	92467	4959094924678

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.

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	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	-55～ 0	-55 ～ -5



※ AT/MT compatible, Trunk Side panel must be modified for proper installation.
Data on ride height adjustability from ZN8.

※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-C	15238	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	GR86	FA24	2023年11月	RZ

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)	1270		
	軸重(kg) (Axle Weight)	700	570	
	タイヤサイズ (Tire Size)	215/40 R18	215/40 R18	
	ホイールサイズ (Wheel Size)	18inch 7.5J Inset48	18inch 7.5J Inset48	
	レバー比 (Lever Ratio)	1.0	1.1	
アライメントデータ (Alignment Data)	トー (Toe)	+0°02'	+0°05'	
	キャンバー (Camber)	-2°56'	-2°39'	
	キャスター (Caster)	+5°56'	-	

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	4.0	
	スプリング自由長(mm) (Free Length of Spring)	150	200	
	スプリング内径(mm) (Spring Inner Diameter)	φ62	φ62	
	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)	650	648	
	基準車高(mm) (Difference from Stock)	-23	-29	
	車高調整範囲(mm) (Height Adjustment Range)	-55 ~ 0	-55 ~ -5	
	最低地上高(mm) (Minimum Ground Clearance)	102mm (マフラーパイプ)		

初めてご使用される際の推奨減衰力 (Recommended Damping force)	18段	20段	左記に記載の減衰に合わせて 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

- Compatibility has been confirmed for Manual Transmission vehicles equipped with Eye Sight.
- The pillow ball upper mount allows you to make camber adjustments to the front suspension.
Vehicle specific front stabilizer links are included to optimize roll control.
- Rear spring rate is set at 4kgf/mm to prevent harsh rebound.
However, by adjusting the damping force the suspension is capable of attacking circuits.
- By installing the optimal DSC PLUS, the damping force can be controlled form inside the vehicle.