

Additional application for the DAMPER ZZ-R has been confirmed for the TOYOTA LANDCRUISER (FJA300W/VJA300W)

# 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 : 20mm Down / Rear : 30mm Down

(Vehicle)	(Model Year)	(Model)	(Engine Model)	(Code No.)	(JAN Code)
TOYOTA					
LANDCRUISER	2021/08-	FJA300W, VJA300W	F33A-FTV, V35A-FTS	92589	4959094925897

[Click here for price and availability](#)

## 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	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	10.0	4.5
Free Length of Spring mm	280	260
Spring Type※	ST	BS
Ride Height Adjustability mm	-45 ~ 0	-35 ~ 0



- Remarks : Low Down. Compatible with Gasoline, Diesel, all grades. Front and rear damping force adjustment dial located inside the wheel well.  
Ride height data from FJA300W (ZX Grade)

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

※Adjustability in ride height may vary between vehicles.

# 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	LANDCRUISER	FJA300W	2023年5月	ZX

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)	2570		
	軸重(kg) (Axle Weight)	1430	1140	
	タイヤサイズ (Tire Size)	265/55 R20	265/55 R20	
	ホイールサイズ (Wheel Size)	20inch 8.0J Inset60	20inch 8.0J Inset60	
	レバー比 (Lever Ratio)	1.1	1.1	
アライメントデータ (Alignment Data)	トー (Toe)	+0°01'	+0°10'	
	キャンバー (Camber)	-0°36'	-0°05'	
	キャスター (Caster)	+4°04'	-	

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)	10.0	4.5	
	スプリング自由長(mm) (Free Length of Spring)	280	260	
	スプリング内径(mm) (Spring Inner Diameter)	φ62	φ135 - (φ172) - φ100.5	
	減衰力調整段数 (Damping force Adjustment)	1段 ~ 32段 (HARD) (SOFT)	1段 ~ 32段 (HARD) (SOFT)	
	地面~フェンダー(mm) (Ground~Fender)	871	891	
	基準車高(mm) (Difference from Stock)	-20	-30	
	車高調整範囲(mm) (Height Adjustment Range)	-45 ~ 0	-35 ~ 0	
	最低地上高(mm) (Minimum Ground Clearance)	187mm (アンダーパネル右側)		

初めてご使用される際の推奨減衰力 (Recommended Damping force)	16段	24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

- New setting for LAND CRSUIER ZX grade.
- As stock, the vehicle has a lower front end. The suspension balances the front and rear ride height to be more even
- Lower your vehicle for a stylish form.
- By limiting the body roll, cornering performance is enhanced for a sporty feel.
- Increase the damping force for a improve stability during high speeds.
- Depending on the number of passenger adjust the damping force for optimal ride quality.