-Product Release Information- No.2025-00292 2025/11/25

Additional applications for the DAMPER ZZ-R has been confirmed for the LEXUS GX550 (VJA252W)

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 : 24mm Down / Rear : 39mm Down

(Vehicle)	(Model Year)	(Model)	(Engine Model)	(Code No.)	(JAN Code)
LEXUS					
GX550	2025/04-	VJA252W	V35A-FTS	92661	4959094926610

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		
	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	10.5	4.5
Free Length of Spring mm	280	240
Spring Type※	BS	BS
Ride Height Adjustability mm	-55 ～ 0	-50 ～ -10

■ Remarks : Low Down Model. OVERTRAIL unconfirmed.
Front and rear damping force dials located inside the wheel well.

※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.	MSRP w/tax
DSC PLUS Vehicle Specific Set TYPE-V	15301	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)
LEXUS	GX550	VJA252W	2025年8月	Version L

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)	2510		
	軸重(kg) (Axle Weight)	1330	1180	
	タイヤサイズ (Tire Size)	265/50 R22	265/50 R22	
	ホイールサイズ (Wheel Size)	22inch 7.5J Inset60	22inch 7.5J 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°03'	+0°09'	
	キャンバー (Camber)	-1°46'	-0°08'	
	キャスター (Caster)	+4°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/㎜) (Spring Rate)	10.5	4.5	
	スプリング自由長(㎜) (Free Length of Spring)	280	240	
	スプリング内径(㎜) (Spring Inner Diameter)	φ62 - (φ115) - 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)	DSC Plus装着時 32,64,96段へ変更可能
	地面～フェンダー(mm) (Ground～Fender)	887	907	
	基準車高(mm) (Difference from Stock)	-24	-39	
	車高調整範囲(㎜) (Height Adjustment Range)	-55 ～ 0	-50 ～ -10	
	最低地上高(㎜) (Minimum Ground Clearance)	183mm (アンダーパネル取り付けボルト)		

初めてご使用される際の推奨減衰力 (Recommended Damping force)	20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

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 confimred with GX550（Version L).
- Lower the ride height for a stylish form.
- The ride height has been set to balance the front and rear to be parallel to the ground.
- Eliminate body roll to improve cornering performance.
- Make adjustments to the damping force to optimize ride quality depending on number of passenger and road condition
- By installing the optimal DSC PLUS, the damping force can be controlled form inside the vehicle.

  The DSC PLUS can adjust the damping force depending on the G force.