

Additional applications for the DAMPER ZZ-R SpecDSC Plus have been confirmed for the TOYOTA VOXY HYBRID / NOAH HYBRID (ZWR95W)

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 : 28mm Down / Rear : 59mm Down

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

(Vehicle)	(Model Year)	(Model)	(E/G Model)	(Code No.)	(JAN Code)
TOYOTA					
VOXY HYBRID	2022/01-	ZWR95W	2ZR-1VM-1WM	98643	4959094986430
NOAH HYBRID					

商品Product Description

- 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	Product Specification	
	Front	Rear
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	210
Spring Type※	BS	BS
Length Adjustment	-50 ~ 0	-75 ~ -35



■ Remarks : HYBRID 4WD only. Unchecked with Gasoline, Well-cab.

※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-G	15242	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

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	NOAH	ZWR95W	2022年4月	HYBRID S-Z

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)	1720		
	軸重(kg) (Axle Weight)	950	770	
	タイヤサイズ (Tire Size)	205/60 R16	205/60 R16	
	ホイールサイズ (Wheel Size)	16inch 6.0J Inset40	16inch 6.0J Inset40	
	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°04'	+0°15'	
	キャンバー (Camber)	-1°00'	-1°19'	
	キャスター (Caster)	+6°46'	-	

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	210	
	スプリング内径(mm) (Spring Inner Diameter)	φ62 - (φ115) - φ62	φ62 - (φ115) - 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)	702	703	
	基準車高(mm) (Difference from Stock)	-28	-59	
	車高調整範囲(mm) (Height Adjustment Range)	-50 ~ 0	-75 ~ -35	
	最低地上高(mm) (Minimum Ground Clearance)	110mm (フロントメンバー中央)		

初めてご使用される際の推奨減衰力 (Recommended Damping force)	24段	20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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※出荷時には減衰力を一番ハード（右回り）なところから16段に設定して出荷しております（右回りで止まった部分が1段が一番ハードです）
 ※取り付けの際は、減衰ダイヤルを一番ハード側（右回り）へしてから、ソフト側（左回り）へ回して上記記載の推奨減衰へ合わせてください
 ※詳しくは減衰力調整方法のページを参照してください

Product Description

- Rear spring has been updated specifically for the 4WD models.
- Body roll has been limited for improved cornering performance.
- Make adjustments to the damping force to optimize ride quality depending on number of passenger and road condition.
- The suspension has been made to allow sufficient bump and rebound stroke for optimal ride comfort.
- Rear suspension optimized for comfortable ride quality for 2nd and 3rd row seats.
- The ride height has been adjusted to make the vehicle silhouette look flatter.
- Increase the damping force by 4~6 clicks when traveling at speed higher than 80km for a more stable ride.