

Additional application for the DAMPER ZZ-R Spec DSC Plus
has been confirmed for the TOYOTA COROLLA CROSS HYBRID (ZVG16 / MXGH15) 4WD

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 : 15mm Down / Rear : 32mm Down

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

(Vehicle)	(Model Year)	(Model)	(Engine Model)	(Code No.)	(JAN Code)
TOYOTA					
COROLLA CROSS HYBRID	2023/10-	ZVG16	2ZR-1VM-1WM	98584	4959094985846
	2025/08-	MXGH15	M20A-1VM-1WM		

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	5.0	5.0
Free Length of Spring mm	210	255
Spring Type※	BS	BS
Length Adjustment	-45 ~ 0	-55 ~ -5



■Remarks : 4WD only. Ride height data from MXGH15.

※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	COROLLA CROSS HYBRID	MXGH15	2025年9月	GR SPORT

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)	1520		
	軸重(kg) (Axle Weight)	860	660	
	タイヤサイズ (Tire Size)	225/45 R19	225/45 R19	
	ホイールサイズ (Wheel Size)	19inch 7.5J Inset40	19inch 7.5J Inset40	
	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°01'	+0°03'	
	キャンバー (Camber)	-1°32'	-1°35'	
	キャスター (Caster)	+6°18'	-	

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)	5.0	5.0	
	スプリング自由長(mm) (Free Length of Spring)	210	255	
	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)	724	725	
	基準車高(mm) (Difference from Stock)	-15	-32	
	車高調整範囲(mm) (Height Adjustment Range)	-45 ~ 0	-55 ~ -5	
	最低地上高(mm) (Minimum Ground Clearance)	125mm (マフラーパイプ(リアメンバー下))		

初めてご使用される際の推奨減衰力 (Recommended Damping force)	24段	22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 checked for 2nd generation 4WD vehicles.
- Lower the center of gravity to limit body roll and enhance cornering performance.
- Bump stroke, rebound stroke has been balanced for a more comfortable ride quality.
- 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.