

Additional applications for the DAMPER ZZ-R Spec DSC Plus has been confirmed for the MAZDA CX-80 (KL3R3P) 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 : 31mm Down / Rear : 35mm Down

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

(Vehicle)	(Model Year)	(Model)	(Engine Model)	(Code No.)	(JAN Code)
MAZDA					
CX-80	2024/10-	KL3R3P	T3-MR	98667	4959094986676

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.

Produce Specification		
	Front	Rear
Damping Force Adjustability	○	○
Length Adjustment	Coilovers	Coilovers
Shock Absorber Structure	Upright	Upright
Upright or Inverted	Reinforced Rubber	Stock
Upper Mount	11.0	9.0
Spring Rate kgf/mm	220	280
Free Length of Spring mm	ST	BS
Spring Type※	-40 ~ 0	-70 ~ 0



- Remarks : 4WD Diesel hybrid model only. Unchecked with other models. Interior panel must be modified to install adjustment dial.
- ※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	Vehicle speed can be easily inputted
DSC PLUS Remote Switch	15219	Allows you to conveniently switch settings.

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)
MAZDA	CX-80	KL3R3P	2024年10月	XD-HYBRID Premium Sports

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)	2120		
	軸重(kg) (Axle Weight)	1130	990	
	タイヤサイズ (Tire Size)	235/50 R20	235/50 R20	
	ホイールサイズ (Wheel Size)	20inch 7.5J Inset45	20inch 7.5J Inset45	
	レバー比 (Lever Ratio)	1.3	1.3	
アライメントデータ (Alignment Data)	トー (Toe)	+0°01'	+0°05'	
	キャンバー (Camber)	-1°00'	-1°24'	
	キャスター (Caster)	+4°14'	-	

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)	11.0	9.0	
	スプリング自由長(mm) (Free Length of Spring)	220	280	
	スプリング内径(mm) (Spring Inner Diameter)	φ62	φ89.5 - (φ122) - φ67	
	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)	778	786	
	基準車高(mm) (Difference from Stock)	-31	-35	
	車高調整範囲(mm) (Height Adjustment Range)	-40 ~ 0	-70 ~ 0	
	最低地上高(mm) (Minimum Ground Clearance)	139mm (マフラー遮熱版)		

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

- Lower the center of gravity to limit body roll and enhance cornering performance.
- Make adjustments to the damping force to optimize ride quality depending on number of passenger and road condition.
- Lower the vehicle for a more stylish form.
- Bump stroke, rebound stroke has been balanced for a more comfortable ride quality.
- Increase the damping force by 4~6 click for speeds above 80km/h to improve vehicle stability.