

Additional application for the DAMPER ZZ-R has been confirmed
MINI MINI COOPER S (3BA-22GD20 (F66))

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](#)



(Vehicle)	(Model Year)	(Model)	(Engine Model)	(Code No.)	(JAN Code)
MINI					
MINI COOPER S	2024/07-	3BA-22GD20 (F66)	B48A20P	92660	4959094926603

[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
Length Adjustment	○	○
Shock Absorber Structure	Coilovers	Separate
Upright or Inverted	Upright	Upright
Upper Mount	Stock	Reinforced Rubber
Spring Rate kgf/mm	6.0	5.0
Free Length of Spring mm	180	170
Spring Type※	BS	BS
Ride Height Adjustability mm	-55 ~ 0	-30 ~ -5



■ Remarks : Rear damping force dials located inside wheel well. Only for vehicles without active suspension.

※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

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)
MINI	MINI COOPER S	3BA-22GD20 (F66)	2024年7月	FAVOURED TRIM Mパッケージ

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)	1320		
	軸重(kg) (Axle Weight)	830	490	
	タイヤサイズ (Tire Size)	215/40R18	215/40R18	
	ホイールサイズ (Wheel Size)	18inch 7.0J Inset47	18inch 7.0J Inset47	
	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°09'	+0°18'	
	キャンバー (Camber)	-0°38'	-2°15'	
	キャスター (Caster)	+3°54'	-	

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	5.0	
	スプリング自由長(mm) (Free Length of Spring)	180	170	
	スプリング内径(mm) (Spring Inner Diameter)	Φ95 - Φ62.5	Φ74.5 -(Φ110)- Φ57.5	
	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)	647	641	
	基準車高(mm) (Difference from Stock)	-28	-21	
	車高調整範囲(mm) (Height Adjustment Range)	-55 ~ 0	-30 ~ -5	
	最低地上高(mm) (Minimum Ground Clearance)	110mm (マフラータイコ前側)		

初めてご使用される際の推奨減衰力 (Recommended Damping force)	16段	22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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※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

- Increase the damping force for greater stability during high speeds.
- Lower your vehicle for a stylish form.
- Shortened front stabilized link is included.
- 5mm wheel spacers are included to make adjustment to the clearance between the wheel and suspensions.
- By installing the Optional DSC PLUS, the damping force can be adjusted from inside the vehicle.

Additionally, G sensor and speed can be inputted for automated changes to the damping force.