

Additional applications for the DAMPER ZZ-R has been confirmed for the SUBARU FORESTER (SK9 / SKE / SK5 / SL5) / LEVORG LAYBACK (VN5) / LEGACY OUTBACK (BT5)

# 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 : 32mm Down / Rear : 44mm Down

(Vehicle)	(Model Year)	(Model)	(Engine Model)	(Code No.)	(JAN Code)
SUBARU					
FORESTER	2018/07-2021/09	SK9	FB25	92681	4959094926818
	2018/09-2025/04	SKE	FB20-MA1		
	2020/10-2025/04	SK5	CB18		
	2025/04-	SL5	CB18		
LEVORG LAYBACK	2023/10-	VN5	CB18		
LEGACY OUTBACK	2021/11-	BT5	CB18		

### Product Description

[Click here for price and availability](#)

- 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	Coilovers
Upright or Inverted	Upright	Upright
Upper Mount	Reinforced Rubber	Reinforced Rubber
Spring Rate kgf/mm	5.5	5.0
Free Length of Spring mm	230	240
Spring Type※	BS	ST
Ride Height Adjustability mm	-70 ~ 0	-70 ~ 0



■Remarks : Low down suspension. Rear interior panel and Luggage board must be removed or modified for installation.

※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)
SUBARU	FORESTER	SL5	2025年6月	SPORT EX

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)	1640		
	軸重(kg) (Axle Weight)	980	660	
	タイヤサイズ (Tire Size)	225/55 R18	225/55 R18	
	ホイールサイズ (Wheel Size)	18inch 7.0J Inset48	18inch 7.0J Inset48	
	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°02'	
	キャンバー (Camber)	-1°36'	-2°13'	
	キャスター (Caster)	+5°47'	-	

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)	5.5	5.0	
	スプリング自由長(mm) (Free Length of Spring)	230	240	
	スプリング内径(mm) (Spring Inner Diameter)	φ62 - (φ109) - φ62	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)	746	747	
	基準車高(mm) (Difference from Stock)	-32	-44	
	車高調整範囲(mm) (Height Adjustment Range)	-70 ~ 0	-70 ~ 0	
	最低地上高(mm) (Minimum Ground Clearance)	168mm (マフラータイコ)		

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 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

- The spring rate, cylinder rod length, and other components have been optimized to further improve ride comfort.
- By lowering the vehicle height, the typical high center-of-gravity feel and body roll of SUVs are reduced.
- Combined with the low center of gravity of the horizontally opposed engine, cornering performance is improved.
- The front and rear lowering amounts have been adjusted to achieve a balanced and flat vehicle silhouette.
- The 32-level damping force adjustment allows the ride quality to be optimized according to road conditions and the number of passengers.
- Compatible with DAMPER ZZ-R Spec.DSC PLUS.
- By installing the optional DSC PLUS vehicle-specific set, damping force can be adjusted from inside the cabin, and automatic adjustments based on vehicle speed and G-sensor input are also possible.
- A LIFT UP MODEL is also available separately. (Excluding some vehicle models.)