

## New Product Information



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.

(Vehicle)	(Model Year)	(Model)	(E/G Model)	(MSRP w/tax)	(MSRP)	(Code No.)	(JAN Code)
<b>MAZDA</b>							
MAZDA3 FASTBACK	19/05-	BP5P,BP8P, BPFP	P5-VPS,S8-DPTS, PE-VPS	¥181,500	¥165,000	92534	4959094925347
MAZDA3 SEDAN		BP8P,BPFP	S8-DPTS, PE-VPS				



Front: -31mm Down / Rear: -41mm Down

Product Specification		
	Front	Rear
Damping Force Adjustability	32 Levels	32 Levels
Length Adjustment	○	○
Shock Absorber Structure	Coilovers	Separate
Upright or Inverted	Upright	Upright
Upper Mount	Reinforced Rubber	Reinforced Rubber
Spring Rate kgf/mm	6.0	5.0
Free Length of Spring mm	180	185
Spring Type※	ST	BS
Ride Height Adjustability mm	-50 ~ 0	-55 ~ -30
Remarks	2WD Only	

※Abbreviation for Spring Types 「ST:ID62 Straight Spring」, 「BS:Barrel or Tapered, Vehicle Specific Springs」

※Adjustability in ride height may vary between vehicles.

Release Date: December 25<sup>th</sup>, 2019

<http://www.blitz.co.jp/>

## Information on Verification Test Vehicle

This product has been tested on the following vehicle.

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.

DAMPER仕様・車両情報 (DAMPER specification, vehicle information)		
	スプリングデータ (Spring Data)	
スプリングバネレート[kgf/mm] (Spring Rate)	6.0	5.0
スプリング自由長[mm] (Free Length of Spring)	180	185
スプリング内径【】は外径 (Spring Inner Diameter 【Outer】)	φ 62 - 【φ 115】 - φ 62	φ 78.5 - 【φ 120】 - φ 62.5
	減衰力データ (Damping Force Data)	
減衰力調整 【開発時減衰】 (Damping force adjustment)	32 [20]	32 [20]
	セッティングデータ (Damping Force Data)	
地面～フェンダー[mm] (Ground～Fender [mm])	642	660
純正からのダウン量[mm] (Difference from Stock [mm])	-31	-41
最大車高調整範囲[mm] (Maximum height adjustment range [mm])	-50 ~ 0	-55 ~ -30
レバー比 (Lever Ratio)	1.0	ショック:0.9      スプリング:1.1 (Shock Absorber)      (Spring)
	テスト車両情報 (Test vehicle information)	
車名/型式/グレード (Vehicle Name/Model/Grade)	MAZDA3 FASTBACK / BP8P / XD Burgundy Selection	
	フロント (Front)	リア (Rear)
車重[kg] (Vehicle Weight)	900	510
タイヤサイズ (Tire Size)	215/45 R18	215/45 R18
ホイールサイズ (Wheel Size)	18インチ × 7.0J インセット 45 (INCHES) (INSET)	18インチ × 7.0J インセット 45 (INCHES) (INSET)
	アライメントデータ (Alignment Data)	
トー 【純正值】 (Toe [Stock Measurements])	+0° 03' [1.0 ± 4.0mm]	+0° 10' [4.1 ± 5.0mm]
キャンバー 【純正值】 (Camber [Stock Measurements])	-0° 47' [-0° 11' ± 1° 00']	-1° 15' [-1° 29' ± 1° 00']
キャスター 【純正值】 (Caster [Stock Measurements])	+5° 11' [+5° 00' ± 0° 45']	-
	最低地上高データ (Vehicle Height Data)	
最低地上高場所【数値mm】 (Minimum ground elevation [Numerical data mm])	フロントメンバー中央 [107mm]	

### ■Precautions During Installation

- Only for 2WD vehicles.
- The rear damping force adjustment dials are located inside the wheel well.  
The wheels must be removed in order to make adjustments.

### ■Other Remarks

- Cornering performance has been improved by limiting vehicle body roll. Lower your vehicle for a stylish look.
- Make adjustments to the damping force depending on the number of passengers and road condition to optimize ride comfort.
- Increase the damping force in order to improve vehicle stability at high speeds.