

Additional applications for the DAMPER ZZ-R has been confirmed for the Toyota Yaris (1.0L)



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)
TOYOTA							
YARIS	2020/02-	KSP210	1KR-FE	¥165,000	¥150,000	92551	4959094925514

Product Description

- Cornering performance has been improved by limiting vehicle role.
  - Lower your vehicle for a stylish look.
  - Make adjustments to the damping force to optimize ride quality depending on number of passenger and road condition.
  - Compatible with DSC PLUS.
  - Has been tested to work with vehicles equipped with Toyota Safety Sense.
- ※ This does not mean that we ensure the vehicle manufacturer's safety function will function properly.

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	Stock	Stock
Spring Rate kgf/mm	4.0	2.5
Free Length of Spring mm	220	245
Spring Type※	ST	BS
Ride Height Adjustability mm	-65 ~ 0	-60 ~ -15



■ Remarks: 2WD

※ 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.	MSRP w/tax	MSRP	Remarks
DSC PLUS Vehicle Specific Set TYPE-I	15244	¥75,460	¥68,600	Upgrade to the DSC Plus with the vehicle specific set

### 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. 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)	4.0	2.5
スプリング自由長[mm] (Free Length of Spring)	220	245
スプリング内径【】は外径 (Spring Inner Diameter 【Outer】)	φ 62	φ 80.5 - (φ 120) - φ 64.5
	減衰力データ (Damping Force Data)	
減衰力調整 [開発時減衰] (Damping force adjustment)	32 [16]	32 [16]
	セッティングデータ (Damping Force Data)	
地面～フェンダー[mm] (Ground～Fender [mm])	624	621
車高純正比[mm] (Difference from Stock [mm])	-22	-36
最大車高調整範囲[mm] (Maximum height adjustment range [mm])	-65 ~ 0	-60 ~ -15
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)	YARIS / KSP210 / G	
	フロント (Front)	リア (Rear)
車重[kg] (Vehicle Weight)	650	340
タイヤサイズ (Tire Size)	175/70 R14	
ホイールサイズ (Wheel Size)	14インチ × 5.5J インセット 40 (INCHES) (INSET)	14インチ × 5.5J インセット 40 (INCHES) (INSET)
	アライメントデータ (Alignment Data)	
トー [純正值] (Toe [Stock Measurements])	-0° 04' [0.0 ± 1.0mm]	+0° 09' [5.1 ± 3.7mm]
キャンバー [純正值] (Camber [Stock Measurements])	-1° 42' [0° 00' ± 0° 45']	-1° 04' [-0° 45' ± 0° 45']
キャスター [純正值] (Caster [Stock Measurements])	+5° 26' [+5° 10' ± 1° 00']	-
	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])	フロントサスペンションメンバー下マフラーパイプ [110mm]	

#### ■ Precautions During Installation

- 2WD Only
- The suspension can be installed without modifying the rear interior panels.  
However without modifications the panels must be removed in order to adjust the damping force.