

Additional applications for the DAMPER ZZ-R BB has been confirmed for the Toyota GR86 (ZN8)/ Subaru BRZ (ZD8)



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 : -30mm Down / Rear : -37mm Down

| (Vehicle) | (Model Year) | (Model) | (E/G Model) | (MSRP w/tax) | (MSRP)   | (Code No.) | (JAN Code)    |
|-----------|--------------|---------|-------------|--------------|----------|------------|---------------|
| TOYOTA    |              |         |             |              |          |            |               |
| GR86      | 2021/10-     | ZN8     | FA24        | ¥242,000     | ¥220,000 | 92208      | 4959094922087 |
| SUBARU    |              |         |             |              |          |            |               |
| BRZ       | 2021/08-     | ZD8     | FA24        | ¥242,000     | ¥220,000 | 92208      | 4959094922087 |

**Product Description**

- Mono-tube adjustable coil over suspension kit upgraded from the DAMPER ZZ-R.
- Structurally enhanced to be able to pursue greater lowering capability and freedom in styling your vehicle.
- Employs 32 levels of damping force adjustability.
- Compatible with a wide range a circumstance from the street to the circuit.
- Aluminum pillow ball 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.

| Production Specification     |                        |                        |
|------------------------------|------------------------|------------------------|
|                              | Front                  | Rear                   |
| Damping Force Adjustability  | 32 Levels              | 32 Levels              |
| Length Adjustment            | ○                      | ○                      |
| Shock Absorber Structure     | Coilovers              | Coilovers              |
| Upright or Inverted          | Upright                | Upright                |
| Upper Mount                  | Adjustable Pillow Ball | Adjustable Pillow Ball |
| Spring Rate kgf/mm           | 8.0                    | 7.0                    |
| Free Length of Spring mm     | 135                    | 150                    |
| Spring Type ※                | ST                     | ST                     |
| Ride Height Adjustability mm | -70 ~ -15              | -75 ~ -25              |



- Remarks : AT/MT compatible. The trunk side panels must be drilled for proper installation.  
The tire and inner fender may come in contact when lowering the vehicle.  
The shock absorber may emit some noise since it utilizes a pillow upper mount.

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

※Adjustability in ride height may vary between vehicles.

# 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<br>(Manufacturer) | 車名<br>(Vehicle Name) | 型式<br>(Model) | 年式<br>(Model Year) | グレード<br>(Grade) |
|------------------------|----------------------|---------------|--------------------|-----------------|
| TOYOTA                 | GR86                 | ZN8           | 2021/11-           | RZ              |

| 確認車両情報                        |                             | フロント<br>(Front)     | リア<br>(Rear)        | 備考<br>(Remarks) |
|-------------------------------|-----------------------------|---------------------|---------------------|-----------------|
| 車両情報<br>(Vehicle Information) | 車重 (kg)<br>(Vehicle Weight) | 1290                |                     |                 |
|                               | 軸重(kg)<br>(Axle Weight)     | 720                 | 570                 |                 |
|                               | タイヤサイズ<br>(Tire Size)       | 235/40R18           | 235/40R18           |                 |
|                               | ホイールサイズ<br>(Wheel Size)     | 18inch 8.5J Inset45 | 18inch 8.5J Inset45 |                 |
|                               | レバー比<br>(Lever Ratio)       | 1.0                 | 1.1                 |                 |
| アライメントデータ<br>(Alignment Data) | トー<br>(Toe)                 | -0°03'              | +0°06'              |                 |
|                               | キャンバー<br>(Camber)           | -2°36'              | -2°41'              |                 |
|                               | キャスター<br>(Caster)           | +5°58'              | -                   |                 |

| DAMPER ZZ-R Spec.        |   | フロント<br>(Front)        | リア<br>(Rear) | 備考<br>(Remarks) |
|--------------------------|---|------------------------|--------------|-----------------|
| DAMPER ZZ-R<br>仕様(Spec.) | スプリングレート(kgf/mm)<br>(Spring Rate)       | 8.0                    | 7.0          |                 |
|                          | スプリング自由長(mm)<br>(Free Length of Spring) | 135                    | 150          |                 |
|                          | スプリング内径(mm)<br>(Spring Inner Diameter)  | Φ62                    | Φ62          |                 |
|                          | 減衰力調整段数<br>(Damping force Adjustment)   | 1~32段                  | 1~32段        |                 |
|                          | テスト時減衰力<br>(Tested Damping force)       | 16段                    | 16段          |                 |
|                          | 地面~フェンダー(mm)<br>(Ground~Fender)         | 650                    | 645          |                 |
|                          | 基準車高(mm)<br>(Difference from Stock)     | -30                    | -37          |                 |
|                          | 車高調整範囲(mm)<br>(Height Adjustment Range) | -70~-15                | -75~-25      |                 |
|                          | 最低地上高(mm)<br>(Minimum Ground Clearance) | 100mm (リアメンバー下マフラーパイプ) |              |                 |

### Other Remarks

- Camber can be adjusted with the pillow ball front mount.
- The spring rate has been increased from the DAMPER ZZ-R. Body roll has been minimized for daily driving and for the circuit.
- Adjustable front stabilizer links are included for proper installation during different ride heights.