

Additional applications for the DAMPER ZZ-R have been confirmed for the TOYOTA CROWN SPORT (AZSH36W)

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 : 33mm Down / Rear : 27mm Down

| (Vehicle) | (Model Year) | (Model) | (Motor Model) | (Code No.) | (JAN Code) |
|-------------|--------------|---------|---------------|------------|---------------|
| TOYOTA | | | | | |
| CROWN SPORT | 2023/11- | AZSH36W | A25A-3NM-4NM | 92633 | 4959094926337 |

[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 | 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 | 7.0 | 6.0 |
| Free Length of Spring mm | 220 | 245 |
| Spring Type※ | BS | BS |
| Ride Height Adjustability mm | -55 ~ 0 | -50 ~ -15 |



■Remarks : Rear damping force adjustment dials located inside wheel well. Unchecked with PHEV.

※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) |
|------------------------|----------------------|---------------|--------------------|-----------------|
| TOYOTA | CROWN SPORT | AZSH36W | 2023年11月 | SPORT Z |

| 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) | 1820 | | |
| | 軸重(kg) (Axle Weight) | 1010 | 810 | |
| | タイヤサイズ (Tire Size) | 235/45 R21 | 235/45 R21 | |
| | ホイールサイズ (Wheel Size) | 21inch 8.5J Inset35 | 21inch 8.5J Inset35 | |
| | レバー比 (Lever Ratio) | 1.0 | 1.3 | |
| アライメントデータ (Alignment Data) | トー (Toe) | +0°03' | -0°02' | |
| | キャンバー (Camber) | -1°40' | -1°58' | |
| | キャスター (Caster) | +5°48' | - | |

| 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) | 7.0 | 6.0 | |
| | スプリング自由長(mm) (Free Length of Spring) | 220 | 245 | |
| | スプリング内径(mm) (Spring Inner Diameter) | φ62 - (φ104) - φ62 | φ62 - (φ115) - 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) | 758 | 768 | |
| | 基準車高(mm) (Difference from Stock) | -33 | -27 | |
| | 車高調整範囲(mm) (Height Adjustment Range) | -55 ~ 0 | -50 ~ -15 | |
| | 最低地上高(mm) (Minimum Ground Clearance) | 125mm (アンダーパネル固定ボルト) | | |

| | | | |
|---|-----|-----|----------------------------|
| 初めてご使用される際の推奨減衰力 (Recommended Damping force) | 26段 | 24段 | 左記に記載の減衰に合わせて からご使用ください |
|---|-----|-----|----------------------------|

※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

- New setting for CROWN SPORT.
- Lower the vehicle for a more stylish form.
- Increase the damping force for better stability during higher speeds.
- Make adjustments to the damping force to optimize ride quality depending on number of passenger and road condition.
- The suspension has been made to allow sufficient bump and rebound stroke for optimal ride comfort.
- By installing DSC PLUS the damping force can be adjusted from inside the vehicle.
- Optional GPS sensor is available to allow the system to make adjustment according to speed.