

MAX IV GT

for ZN6 / ZC6

TOYOTA 86/SUBARU BRZ

Next generation suspension with high controllability for sporty driving and improved ride quality for street driving.

Reinforced Rubber Upper Mount SPEC.

| | | | | |
|------------------|---------------------------|--|--------------------|-------------|
| Single Tube | 30-way Adjustable Damping | Shock-body Length Adjustable (Rear Only) | Special Oil | PNE Coating |
| Aluminum Bracket | Rubber Upper Mount | Spec. Change Available | Overhaul Available | |



■ Features

[Damping Force Setup Dedicated to Reinforced Rubber Upper]

- This product is not just a HIPERMAX IV GT for 80 with rubber upper mount instead of pillow upper mount.
- The product was completely redesigned to take full advantages of the rubber upper mount. The ride comfort of a vehicle on a street was especially emphasized; it is comfortable not only for a driver but also for passengers even on rough road surfaces. Reliability achieved by the inverted strut and the delicate characteristics of damping force by the single tube shock absorber deliver a refined driving performance for fun driving. Choose your best damping force from 30 steps.
- HKS designed and completed this product with the best setup and no compromise.

■ Kit Parts & Damper Structure

| Parts List | | | Suspension Components | | |
|------------|-----------------------|---|-----------------------|--------------------------|---|
| | Front Suspension Assy | 2 | | | |
| | Rear Suspension Assy | 2 | | | |
| | Stabilizer Link | 2 | | Spanner Wrench (Slotted) | 1 |
| | Nut (M12) | 4 | | Spanner Wrench (Large) | 1 |
| | Washer | 4 | | Tie Wrap | 8 |
| | Spacer | 4 | | Installation Guide | 1 |
| | Adjustment Dial | 1 | | | |

| VEHICLE | MODEL | ENGINE | YEAR | SPRING RATE [N/mm] | FREE LENGTH | VEHICLE'S HEIGHT Default(High-Low) | CODE NO. | PRICE |
|-------------------------|------------|--------|-------|--------------------|---------------------------------|------------------------------------|-------------|-------|
| TOYOTA 86 SUBARU BRZ | ZN6 ZC6 | FA20 | 12/4~ | F=59(6) R=39(4) | 170(Straight) /170(Straight) | F=-32(0 - -50) R=-31(0 - -53) | 80230-KT001 | |

| UPPER MOUNT | UPPER MOUNT CHANGE BEFORE SHIPMENT | SPRING RATE CHANGE BEFORE SHIPMENT | REMARKS |
|----------------------|------------------------------------|------------------------------------|--|
| F=Rubber R=Rubber | N/A | F=Available R=Available | ※HKS original reinforced rubber upper mount is equipped on both front and rear sides. ※Modification of the rear vehicle interior is required in order to install the damping force adjustment dial. |



• Product Target

In overseas countries, driving on a rough road surface is more often than in Japan. The existing HIPERMAX IV GT for 80 is equipped with pillow upper mounts; it may not be the best for driving on a rough road surface and for those who concern about damage to a vehicle. But, this HIPERMAX IV GT for 80 with rubber upper mounts can ease concern over driving on rough road surface and vehicle damage.

• Damping Force Setup Dedicated to Reinforced Rubber Upper

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Spring Rate

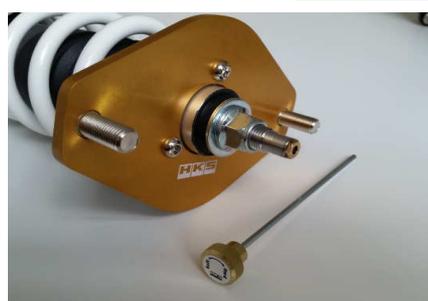
Front: 6 kgf/mm (336 lbs/inch)
Rear: 4 kgf/mm (224lbs/inch)

Default Vehicle Height Setting (Upper Limit - Lower Limit)

Front: -32 (0 to -50) mm (-1.3 (0 to -2.0) inch)
Rear: -31 (0 to -53) mm (-1.2 (0 to -2.1) inch)

Product Features

- 30-way Adjustable Damping
- Shock-body Length Adjustable
- Single Tube Shock Absorber
- 40mm Front & 46mm Rear Large Diameter Pistons
- Original Reinforced Rubber Mount for Both Front & Rear
- Original Front Short Stabilizer Link



Rubber Upper Mount for Both Front and Rear

HKS original rubber upper mounts are utilized for both front and rear sides. The reinforced rubber delivers characteristics of sportiness and comfortability.

Especially for the vehicles often drive on rough road surface, the rubber upper mount can provide better ride comfort than the pillow upper mount.



Suspension Lower Bracket

A highly-rigid steel bracket is utilized for the front strut the original short stabilizer link is connected. A lightweight aluminum bracket is utilized for the rear side to reduce the unsprung weight. Selection of the right material in the right part was performed based on HKS design concept.