

MAXIVGT

for FC1/FC3 CIVIC Si

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

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	1 year Warranty



■ Features

- The single tube inverted type was utilized for the front side to maintain sufficient stroke to provide a better drivability.
- The vehicle body roll is reduced so the reliable ride quality and fun to drive are able to be provided while maintaining the factory's supple ride feeling.
- Setting was performed exclusively for Si model; therefore, adequate traction and accurate line trace performance are provided.
- The way of adjusting the damping force is very simple with a standardly equipped cable; it does not require lifting a vehicle or removal of a damper for damping force adjustment.

■ Kit Parts

PRODUCT INSTALLATION			
Parts List			
	Front Suspension Assy	2	
	Rear Shock Absorber Assy	2	
	Rear Spring	2	
	Rear Ride Height Adjuster Assy	2	
	Upper Seat	2	
	Lower Seat	2	
	Guide Bolt	2	
	Flange Nut	2	
	Tie Wrap	8	
	Washer	2	
	Allen Wrench	1	
	Spanner Wrench (Slotted)	1	
	Spanner Wrench (Large)	1	
	Installation Guide	1	
	Adjustment Cable	2	
	Dial	2	
	Outer Case	2	
	Wire Cable	2	
	Screw	4	

Suspension Components	
FRONT	REAR
FLANGE NUT (Torque Spec: 54N·m)	FLANGE NUT (Torque Spec: 25N·m)
PLATE	PLATE
UPPER MOUNT ASSY	UPPER MOUNT ASSY
PLATE (YELLOW) Make sure the plate is positioned in center. The upper of a hole used for fixed determined (in the left view).	DUST BOOT
THRUST BEARING	BUMP STOP PLATE Make sure to install this plate in the proper direction. (The side with a groove must face toward the spring.)
RETAINER SPRING	C-RING
DUST BOOT	BUMP RUBBER
SPRING	LOCKING BRACKET (Torque Spec: 50N·m)
SPRING	UPPER SEATKIT PARTS
SPRING	REAR RIDE HEIGHT ADJUSTER PARTS
SPRING	LOCKING SPRING (Torque Spec: 60N·m)
SPRING	REAR RIDE HEIGHT ADJUSTER
SPRING	REAR SPRING (KIT PARTS)
SPRING	LOWER SEATKIT PARTS
SPRING	BRACKET

CODE NO.	PRODUCT	PRICE	REMARKS
80230-KH001	MAXIVGT CIVIC Si (FC1/FC3) SEDAN/COUPE FULL KIT		
80230-KH001C	MAXIVGT CIVIC Si (FC1/FC3) SEDAN/COUPE FULL KIT With Error Cancellor		
45012-AH001	Suspension Error Cancellor Type-H		

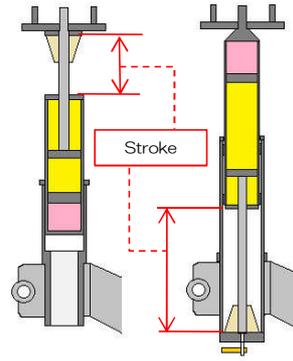
VEHICLE	MODEL	ENGINE	YEAR	SPRING RATE [N/mm (kgf/mm)]	FREE LENGTH	VEHICLE'S HEIGHT Default(High-Low)	UPPER MOUNT	UPPER MOUNT CHANGE BEFORE SHIPMENT
CIVIC Si SEDAN/COUPE	FC1/FC3	L15B	17/05~	F=39(4) R=39(4)	220(Barrel) /220(Barrel)	F=-27(-17 - -48) R=-26(-1 - -36)	F=Rubber R=Rubber	N/A

SPRING RATE CHANGE BEFORE SHIPMENT	REMARKS
F=Available R=Available	※ CEL comes on if the stock suspension is removed. CEL can be canceled by a canceler available separately. Only for Civic Si Sedan and Coupe models. Not compatible with other grade models.

■ Features of MAX IV GT for New Civic



● **Front: Single Tube Inverted Type**
For the front side, instead of the shock body length adjustable type, inserting the cylinder into the knuckle insertion achieves high rigidity and secures the stroke quantity that cannot be provided by a shock body length adjustable type. A high level of ride quality and handling are provided.



Shock Body Length Adjustable Type

MAXIVGT



Knuckle

● **Rear: Single Tube Shock Body Length Adjustable Type**
High-strength billet aluminum bracket reduces the unsprung weight. This single tube shock absorber with a large-diameter piston provides comfortable riding quality without unpleasant



● The reinforced rubber upper mount for the front side enables direct steering responses. Ride comfort over rough road surfaces is securely maintained.

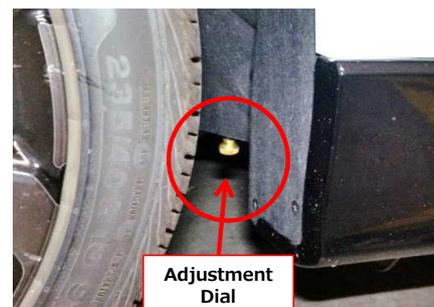
● High rigidity single tube inverted type is utilized for the front side to support sufficiently its weight and large bending load that is caused during acceleration, deceleration, and/or turning. It delivers outstanding durability that was achieved through our continued

● Camber positioning bolt nut is included with the front upper mount. With this bolt nut, the camber position is set to the stock position. Without it, the position can be adjusted by $\pm 0.5^\circ$.



● The rear side is equipped with HKS original upper and high-strength billet aluminum bracket. Because of the way the force travels through the upper mount is different from stock suspension; other products that utilize stock upper mount are prone to develop noises overtime and malfunction. HKS uses a specially designed billet aluminum upper mount to ensure product quality and customer safety.

● The adjuster for the rear ID 65mm barrel spring allows the spring rate change which is usually impossible with the specially-developed spring. In addition to the original upper, the damping adjustment cable is included. Locating a dial of the cable to the inside of the wheel housings allows the damping force adjustment without lifting a vehicle that is usually required.



Adjustment Dial

ADS Error Canceller

Civic Si and Type R are equipped with ADS (Adaptive Damper System).



Once the stock suspension is removed, the control unit detects it as an error, and an error message appears as shown above.

HKS has developed a device to cancel this error message by HKS own analysis.

With this device, the error message won't appear even after replacing the stock suspension with HKS suspension.

