



Our Precision, Your Advantage

Application List

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KAWASAKI

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KYB

PERFORMANCE

KYB GAS SHOCK ABSORBER

KYB
1
YEAR
or 20,000 Km.
WARRANTY

K-Ultimate

High Quality Aluminum Material

Lightweight, good heat dissipation, and durable



Spring Preload Adjuster

High Grade Spring Material

More durable and flexible



Cylinder size 35 mm.

Improves driving smoothness



Strong And Long-lasting Ø 15 mm. Piston rod

with hard chrome coating



Length Adjuster

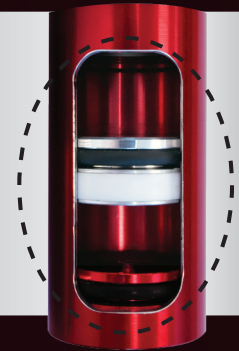
can be adjusted to fit your driving style



Compression Adjuster

Fine-tune your ride's comfort and handling to perfectly match your driving style, ensuring a more exhilarating and enjoyable experience.

Note: Available only in the K-Ultimate model.



Racing Technology, Free Piston System In Gas Reservoir Tank

Responds to shock absorber work more quickly and accurately.



Rebound Adjuster 16 Steps

Remark : Only K-Elite or superior series

Spring Color



Ruby Red



Metallic Black

BY RACING TECHNOLOGY



Japan Quality & Technology

Lets you challenge all journey



www.kyb.co.th



KYB Motorcycle Thailand



WORLD CLASS SUSPENSION SOLUTIONS: PREMIUM & HEAVY DUTY SERIES



Japan Quality & Technology

For Daily Comfort
and Everyday Style
(PREMIUM SERIES)



World Class Suspension

**PREMIUM
SERIES**



Japan Quality & Technology

High quality
natural grade bushing

Japan high quality
oil grade

High protection
with double
seal block
OE Quality

Stronger shaft
rod with hard
chrome coating



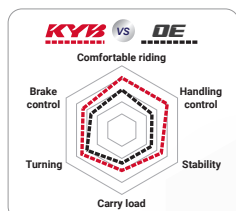
**DAMPING FORCE
AND LOAD
MAXIMUM 15%
FROM OE**



Basic performance balanced
for daily commutes.
Enhanced rebound and
comfort.

Why KYB Premium?

- ▶ Easier control
- ▶ Reduced vehicle bounce
- ▶ Durable OE-grade seals
- ▶ Long life bushing



Comfortable feeling for daily ride

For Superior Strength
and Heavy Loads
(HEAVY DUTY SERIES)



**PREMIUM
HEAVY DUTY
SERIES**



Japan Quality & Technology

High quality
natural grade bushing

High
protection with
dust cover

Long life time
with double
seal block OE quality

Japan high quality
oil grade and twin-tube
system

Bigger and stronger
shaft rod

High grade
spring material
more durable
and flexible

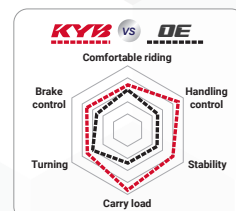
**DAMPING FORCE
AND LOAD
MAXIMUM 20%
FROM OE
(UPTO 280 KG.)**



Built to last. Withstands
strain. Genuine shape design
for heavy load.

Why KYB Premium?

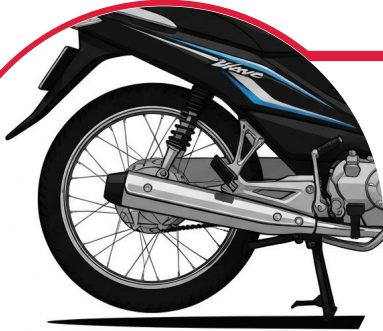
- ▶ Confident on heavy load
- ▶ Maximum load 280 kg.
- ▶ 40% bigger coil spring size
- ▶ Stronger shaft rod



Upgrade heavy load for daily ride



How Important of Spring Preload Best Way to Adjust



Put the motorcycle on its center stand, use a rear stand (or paddock stand), or find someone to lift the rear wheel so that the shock absorber can fully extend.

First, you need to know the length of your shock spring. This information can be found in the first set of numbers on the spring (e.g., 190-xx-xxxxxx xxxxx), which is measured in millimeters.



Use a tape measure to measure from the top edge of the spring to the bottom edge. Subtract this measured value from the spring's initial length found in the first step. For example, if the spring's length is 190 mm and you measure 185 mm, the shock preload is 5 mm.

The preload setting we are currently using will determine the approximate carrying capacity (or load weight). If you want to adjust the preload to carry a heavier load, you can refer to this table and adjust the setting to match your intended use.

Check the data to see the appropriate spring preload setting for each shock absorber model to suit the rider. For more information, please visit Facebook: KYB Motorcycle Thailand or www.KYB.co.th

KYB

PERFORMANCE

KYB GAS SHOCK ABSORBER

Setup Guide

KYB high-performance shock absorbers are engineered to allow riders to perfectly tune their motorcycle to match their riding style and road conditions. These adjustments will help you find the ideal balance between riding comfort and road-holding handling.



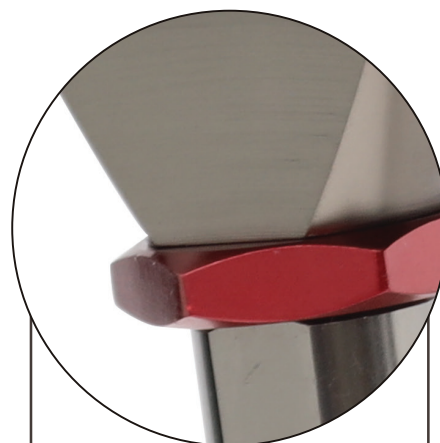
REBOUND ADJUSTER

Adjusts the speed at which the shock returns after being compressed (to counteract recoil). "Fast": Quicker return (suitable for smooth roads or needing quick response). "Slow": Slower return (helps reduce kickback/bounce, making the bike more stable).



THREAD SPRING PRELOAD

Used to set the initial spring tension to suit the load (rider and luggage weight). Adjusted by turning the threaded ring on the spring.



LENGTH ADJUSTER

Used to adjust the overall length of the shock (and thus the vehicle's ride height) to suit the rider's preference and physique.



COMPRESSION

Adjuster

Adjusts the stiffness/softness as the wheel compresses (e.g., when hitting a pothole or cornering).

"Soft": Ideal for comfortable riding on uneven roads.

"Firm": Suitable for track riding or high-speed cornering to reduce wallowing/excessive lean.

APPLICATION & PRELOAD GUIDE

FITMENT LIST & SPRING PRELOAD RANGE

MODEL	PART NO.	PRELOAD LENGTH (mm)						
		0-5	5-10	10-15	15-20	20-25	25-30	30-35

YAMAHA

X-MAX	SG2-1001-2,4 RG2-1001-2,4	<100 kg	100-110 kg	110-125 kg	125-140 kg	140-150 kg	150-165 kg	165-180 kg
X-MAX LOW DOWN	SG2-1007-2,4 RG2-1007-2,4	<130 kg	100-110 kg	110-125 kg	125-140 kg	140-150 kg	150-165 kg	165-180 kg
N-MAX 2021-2023	SG2-1008-2,4 RG2-1008-2,4	< 120 kg	120-140 kg	140-135 kg	135-150 kg	150-165 kg	165-185 kg	185-198 kg
MIO 125	SG2-1006-2,4 RG2-1006-2,4	<120 kg	120-140 kg	140-155 kg	155-180 kg	180-205 kg	205-185 kg	185-198 kg
NMAX155 2014-2020	SG2-1009-2,4 RG2-1009-2,4	<120 kg	120-135 kg	135-140 kg	135-150 kg	150-165 kg	165-185 kg	185-195 kg
AEROX155	SG2-1004-2,4 RG2-1004-2,4	<95 kg	95-105 kg	105-125 kg	125-135 kg	135-145 kg	145-160 kg	160-175 kg

HONDA

FORZA 350	SG2-1006-2,4 RG2-1006-2,4	< 95 kg	95-120 kg	120-130 kg	130-140 kg	140-150 kg	150-160 kg	160-170 kg
FORZA LOW DOWN	SG2-1007-2,4 RG2-1007-2,4	<110 kg	110-135 kg	135-145 kg	145-165 kg	165-175 kg	175-185 kg	185-200 kg
ADV 350	SG2-1011-2,4 RG2-1011-2,4	< 95 kg	95-115 kg	115-125 kg	125-140 kg	140-155 kg	155-170 kg	170-185 kg
PCX 160	SG2-1002-2,4 RG2-1002-2,4	< 110 kg	110-125 kg	125-140 kg	140-155 kg	155-165 kg	165-180 kg	180-195 kg
CLICK 160	SG1-1000-2,4 RG1-1000-2,4	<95 kg	95-120 kg	120-135 kg	135-152 kg	152-165 kg	165-185 kg	185-195 kg
CLICK 110i-RL	SG1-1001-2,4 RG1-1001-2,4	<98 kg	98-120 kg	120-140 kg	140-155 kg	155-170 kg	170-185 kg	185-200 kg
WAVE 110/125	SG2-1000-2,4 RG2-1000-2,4 RG2-1000-2,4	<80 kg	80-100 kg	100-110 kg	110-130 kg	130-150 kg	150-170 kg	170-180 kg
Monkey	SG2-1018-2,4 RG2-1018-2,4	<65 kg	65-80 kg	80-95 kg	95-105 kg	105-120 kg	120-135 kg	135-155 kg

HONDA

■ **NEW FORZA 350 '20-On / FORZA 300 '18-On**

UG2-1006 **K-Ultimate**

Length

420 mm.

Spring Color



K-Elite

SG2-1006

Length

420mm.

Spring Color



K-Alpha

RG2-1006

Length

420 mm.

Spring Color



K-Elite **LOWDOWN 30 mm.**

SG2-1005

Length

390 mm.

Spring Color



K-Alpha **LOWDOWN 30 mm.**

RG2-1005

Length

390 mm.

Spring Color



■ **FORZA 300 '18-On**



K-Elite

SG2-1005

Length

390 mm.

Spring Color



K-Alpha

RG2-1005

Length

390 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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HONDA

ADV 350 '22-On

K-Ultimate

UG2-1011

Spring Color



Length

440 mm.



K-Elite

SG2-1011

Length
440 mm.

Spring Color



K-Alpha

RG2-1011

Length
440 mm.

Spring Color



K-Elite

LOWDOWN
10 mm.

SG2-1006

Length
420 mm.

Spring Color



ADV 160 '22-On / ADV 150 '20-On

K-Elite

SG2-1010

Length
390 mm.

Spring Color



K-Alpha

RG2-1010

Length
390 mm.

Spring Color



K-Alpha

LOWDOWN
10 mm.

RG2-1006

Length
420 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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HONDA

■ PCX 160i '21-On

SG2-1002 **K-Elite**

Length

365 mm.

Spring Color



K-Alpha

RG2-1002

Length

365 mm.

Spring Color



■ PCX 150i '18-On

K-Elite

SG2-1012

Length

355 mm.

Spring Color



K-Alpha

RG2-1012

Length

355 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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HONDA

PCX 150i '14-17



K-Elite

SG2-1003

Spring Color



Length

310 mm.



16 Steps



Upto 10 mm.

K-Alpha

RG2-1003

Length

310 mm.

Spring Color



PREMIUM SERIES

SR2-1001

Length

310 mm.

Spring Color



LEAD 125 '21-On

K-Elite

SG1-1003

Length

330 mm.

Spring Color



K-Alpha

RG1-1003

Length

330 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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HONDA

■ **CLICK 160 '22-On / CLICK 150i '18-20 / CLICK 125i '12-20**

SG1-1000 **K-Elite**

Length
330 mm.

Spring Color  



K-Alpha

RG1-1000

Length
330 mm.

Spring Color



**PREMIUM
HEAVY DUTY
SERIES**

HD1-1000

Length
330 mm.

Spring Color



■ **CLICK 110 '06-12**

K-Elite

SG1-1001

Length
300 mm.

Spring Color



K-Alpha

RG1-1001

Length
300 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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HONDA

GIORNO 125 '23-On

K-Ultimate UG1-1004

Spring Color



Length

320 mm.



K-Elite

SG1-1004

Length
320 mm.

Spring Color



K-Alpha

RG1-1004

Length
320 mm.

Spring Color



SCOOPIY-i '10-19

PREMIUM SERIES

SR1-1001

Length
317 mm.

Spring Color



AIR BLADE 110 '06-12 / AIR BLADE 125 '13-16

PREMIUM SERIES

SR2-1001

Length
310 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



HONDA

■ **WAVE 125i '23-On / WAVE 110i '21-On**

SG2-1019 **K-Elite**

Length

330 mm.

Spring Color



K-Alpha

RG2-1019

Length

330 mm.

Spring Color



SR2-1008

Length

330 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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HONDA

■ WAVE 125i '05-20 / WAVE 125X '07-On / WAVE 125S '04-On
/ WAVE 125R '05-On / WAVE 125i '05-On



K-Ultimate

UG1-1000

Spring Color



Length

330 mm.



12 Steps



16 Steps



Upto 10 mm.

K-Elite

SG2-1000

Length
330mm.

Spring Color



16 Steps



Upto 10 mm.



K-Alpha

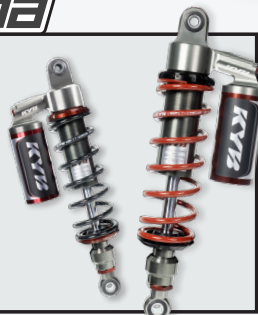
RG2-1000

Length
330 mm.

Spring Color



Upto 10 mm.



PREMIUM HEAVY DUTY SERIES

HD2-1330

Length
330 mm.

Spring Color



Upto 10 mm.



■ WAVE 125i '05-On / WAVE 110i '09-20 / WAVE 100,S,Z '05-07 / CZ-I 110i

PREMIUM SERIES

SR2-1000

Length
330 mm.

Spring Color



PREMIUM SERIES

SR2-1003

Length
320 mm.

Spring Color



PREMIUM SERIES

SR2-1004

Length
335 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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HONDA

MONKEY 125 '18-On

SG2-1018

K-Elite

Length

330 mm.

Spring Color



K-Alpha

RG2-1018

Length

330 mm.

Spring Color



DAX 125 '23-On

K-Elite

SG2-1015

Length

340 mm.

Spring Color



K-Alpha

RG2-1015

Length

340 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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HONDA

CT 125 '20-On

K-Ultimate UG2-1016

Spring Color



Length

362 mm.



K-Elite

SG2-1016

Length
362 mm.

Spring Color



K-Alpha

RG2-1016

Length
362 mm.

Spring Color



MSX 125 SF '13-20

RS150 '15-On

PREMIUM SERIES

SD1-3000

Length
245 mm.

Spring Color



PREMIUM SERIES

SD1-3003

Length
232 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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YAMAHA

■ X-MAX 300 '17-20

UG2-1001 **K-Ultimate**

Length
350 mm.

Spring Color



K-Elite

SG2-1001

Length
350 mm.

Spring Color



K-Alpha

RG2-1001

Length
350 mm.

Spring Color



K-Elite

LOWDOWN
20 mm.

SG2-1007

Length
330 mm.

Spring Color



K-Alpha

LOWDOWN
20 mm.

RG2-1007

Length
330 mm.

Spring Color



PREMIUM SERIES

SD2-1000

Length
350 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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YAMAHA

■ NMAX155 '20-On

K-Ultimate UG2-1008

Spring Color



Length

310 mm.



K-Elite

SG2-1008

Length

310 mm.

Spring Color



K-Alpha

RG2-1008

Length

310 mm.

Spring Color



■ NMAX 155 '15-19

K-Elite

SG2-1009

Length

335 mm.

Spring Color



K-Alpha

RG2-1009

Length

335 mm.

Spring Color



PREMIUM SERIES

SR2-1005

Length

336 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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YAMAHA

■ NMAX 155 TURBO '24-On

SG2-1017

K-Elite

Length

320 mm.

Spring Color



K-Alpha

RG2-1017

Length

320 mm.

Spring Color



■ MIO 125i '18-On / MIO 115 '03-10

K-Elite

SG1-1002

Length

300 mm.

Spring Color



K-Alpha

RG1-1002

Length

300 mm.

Spring Color



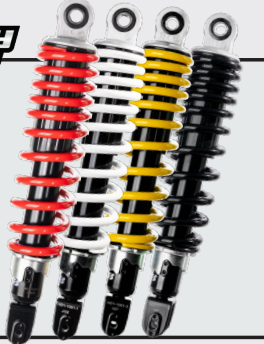
PREMIUM HEAVY DUTY SERIES

HD1-1001

Length

300 mm.

Spring Color



PREMIUM SERIES

SR1-1000

Length

320 mm.

Spring Color



■ MIO 125i '20-On / MIO 115 '03-10

PREMIUM SERIES

SR1-1008

Length

320 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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YAMAHA

■ AEROX 155 '17-20



K-Elite

SG2-1004

Spring Color



Length

305 mm.



K-Alpha

RG2-1004

Length
305 mm.

Spring Color



PREMIUM SERIES

SR2-1002

Length
305 mm.

Spring Color



■ AEROX 155 '2017-2020

HEAVY DUTY
SPRING

K-Elite

HEAVY DUTY
SPRING

SG2-1014

Length
305 mm.

Spring Color



K-Alpha

HEAVY DUTY
SPRING

RG2-1014

Length
305 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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YAMAHA

■ FAZZIO '22-On

SG1-1000

K-Elite

Length

330 mm.

Spring Color



K-Alpha

RG1-1000

Length
330 mm.

Spring Color



■ EXCITER 150 '15-On
/ SNIPER 150 '04-19

PREMIUM SERIES

SD1-3002

Length
207 mm.

Spring Color



■ GRAND FILANO 125 '14-22
/ FINO 125 / 115 '16-19

PREMIUM SERIES

SR1-1000

Length
320 mm.

Spring Color



■ M-SLAZ 150 '15-17

PREMIUM SERIES

SD1-3004

Length
264 mm.

Spring Color



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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KAWASAKI

FURY 125 '11-On



**PREMIUM
SERIES**

SD1-3001

Spring Color



Length

245 mm.



ZONTES

350E '24-On

SG2-1013

K-Elite

Length

360 mm.

Spring Color



16 Steps



Upto 10 mm.

K-Alpha

RG2-1013

Length

360 mm.

Spring Color



Upto 10 mm.



FEATURE ICON



Compression Adjuster 12 Steps



Length Adjuster



Step Spring Preload



Rebound Adjuster 16 Steps



Spring Preload Adjuster



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