

STT-2023-1
JULY 8, 2024



Beta
motorcycles

Service Tech Tip KYB Fork Set Up

Model:
KYB AOS Front Fork

CONFIDENTIALITY NOTICE

This message (including any attachments) contains information that may be confidential and is for authorized Beta Dealer's use only.

ADJUSTMENT KEY:

RED = FACTORY SETTINGS BLUE = RACING RECOMMENDATIONS GREEN = COMFORT RECOMMENDATIONS PURPLE = SOFT RECOMENDATIONS

2023-24' 125/200 Race Edition

Fork Spring Rate .42 kg
Oil level 300 cc
Pressure spring Rate 2.1 kg

125/200 Race Edition Fork Adjustment

Compression = 14 out 10 14 16
Rebound = 14 out 12 14 16

Shock Spring Rate 4.9 kg
Static Sag Range 25-45mm
Rider Sag Range 95-110mm

125/200 Race Shock Adjustment

Low Speed Compression = 15 out 7 12 15
High Speed Compression = 1.5 turns out 1.25 1.5 1.75
Rebound = 13 out 7 9 12

ADJUSTMENT KEY:

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2023-24' 250/300 Race Edition

Fork Spring Rate .45 kg
Oil level 300 cc
Pressure spring Rate 2.1 kg

250/300 Race Edition Fork Adjustment

Compression = 14 out 10 14 16
Rebound = 14 out 12 14 16

Shock Spring Rate 5.3 kg
Static Sag Range 25-45mm
Rider Sag Range 95-110mm

250/300 Race Shock Adjustment

Low Speed Compression = 13 out 7 12 15
High Speed Compression = 1.5 turns out 1.25 1.5 1.75
Rebound = 13 out 7 9 12

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2023-24' RX300

Fork Spring Rate .44 kg
Oil level 300 cc
Pressure spring Rate 2.1 kg

RX300 Fork Adjustment

Compression = 14 out 10 14 16
Rebound = 14 out 12 14 16

RX300 Shock Adjustment

Shock Spring Rate 5.3 kg
Static Sag Range 25-45mm
Rider Sag Range 95-110mm

Low Speed Compression = 14 out 8 12 16
High Speed Compression = 1.5 turns out 1.25 1.5 1.75
Rebound = 14 out 12 14 16

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2023-24' 350/390/430/480 Race Edition

Fork Spring Rate .48 kg
Oil level 300 cc
Pressure spring Rate 2.1 kg

350/390/430/480 Race Edition Fork Adjustment

Compression = 14 out 10 14 16
Rebound = 14 out 12 14 16

350/390/430/480 Race Shock Adjustment

Shock Spring Rate 5.5 kg
Static Sag Range 25-45mm
Rider Sag Range 95-110mm

Low Speed Compression = 13 out 7 12 15
High Speed Compression = 1.5 turns out 1.25 1.5 1.75
Rebound = 13 out 7 9 12