

SST-2020-2

February 26, 2020



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 RECOMENDATIONS

GREEN = COMFORT RECOMENDATIONS

PURPLE = SOFT RECOMENDATIONS

20-21' 125 Race = Fork Spring Rate .41 kg
Oil level 320 cc
Pressure spring Rate 2.1 kg

Shock Spring Rate 4.8kg
Static Sag Range 25-45mm
Rider Sag Range 100-115mm

20-21' 200 Race = Fork Spring Rate .41 kg
Oil level 320 cc
Pressure spring Rate 2.1 kg

Shock Spring Rate 5.2kg
Static Sag Range 25-45mm
Rider Sag Range 100-115mm

125/200 Race Stock Fork Adjustment

Compression = 12 out 10 14 16

Rebound = 12 out 12 14 16

125/200 Race Stock Shock Adjustment

Low Speed Compression = 22 out 16 18 20

High Speed Compression = 20 out 12 14 16

Rebound = 15 out 14 15 18

20-21' 250 Race = Spring Rate .45 kg
Oil Level 330cc
Pressure Spring Rate 2.1 kg

Shock Spring Rate 5.2kg
Static Sag Range 25-45mm
Rider Sag Range 100-115mm

20-21' 300 Race = Spring Rate .45 kg
Oil Level 330 cc
Pressure Spring Rate 2.1 kg

Shock Spring Rate 5.2kg
Static Sag Range 25-45mm
Rider Sag Range 100-115mm

250/300 Race Stock Fork Adjustment

Compression = 12 out 10 14 16

Rebound = 12 out 12 14 16

250/300 Race Stock Shock Adjustment

Low Speed Compression = 22 out 16 18 20

High Speed Compression = 20 out 12 14 16

Rebound = 15 out 14 15 18

20-21' 350 Race = Spring Rate .48 kg Shock Spring Rate 5.4 kg
Oil Level 320 cc Static Sag Range 25-45mm
Pressure Spring Rate 2.1 kg Rider Sag Range 100-115mm

20-21' 390 Race = Spring Rate .48 kg Shock Spring Rate 5.4 kg
Oil Level 320 cc Static Sag Range 25-45mm
Pressure Spring Rate 2.1 kg Rider Sag Range 100-115mm

20-21' 430 Race = Spring Rate .48 kg Shock Spring Rate 5.4 kg
Oil Level 320 cc Static Sag Range 25-45mm
Pressure Spring Rate 2.1 kg Rider Sag Range 100-115mm

20-21' 480 Race = Spring Rate .48 kg Shock Spring Rate 5.4 kg
Oil Level 320 cc Static Sag Range 25-45mm
Pressure Spring Rate 2.1 kg Rider Sag Range 100-115mm

350/390/430/480 Race Stock Fork Adjustment

Compression = 12 out 10 14 16

Rebound = 12 out 12 14 16

350/390/430/480 Race Stock Shock Adjustment

Low Speed Compression = 22 out 14 16 18

High Speed Compression = 20 out 10 12 14

Rebound = 15 out 13 15 18