

STT-2024-1

June 01, 2024



Beta
motorcycles

Service Tech Tip

23-24' Sachs ZF Suspension Set Up

Model:

Sachs ZF Separate Function Fork

Sachs ZF 46mm Rear Shock

CONFIDENTIALITY NOTICE

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

Page 1 of 3

ADJUSTMENT KEY:

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

2023-24 125cc/200cc Standard Edition

Fork Spring Rate .40 kg
Standard Air Gap 120 mm
Air Gap Range 100-135mm
Fluid Type 5 wt.

125cc/200cc Standard Edition Fork Adjustment

Compression (RH) = 10 out 5 12 16
Spring pre-load = 09 revolutions out 4 8 9
Rebound (LH) = 10 out 8 12 16

125cc/200cc Standard Edition Shock Adjustment

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

Low Speed Compression = 21 out 10 14 18
High Speed Compression = 19 clicks out 12 16 20
Rebound = 17 out 15 18 20

ADJUSTMENT KEY:

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

2023-24 250cc/300cc Standard Edition

Fork Spring Rate .42 kg
Standard Air Gap 120 mm
Air Gap Range 100-135mm
Fluid Type 5 wt.

250cc/300cc Standard Edition Fork Adjustment

Compression (RH) = 10 out 5 12 16
Spring pre-load = 09 revolutions out 4 8 9
Rebound (LH) = 10 out 8 12 16

250cc/300cc Standard Edition Shock Adjustment

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

Low Speed Compression = 21 out 9 14 18
High Speed Compression = 19 clicks out 11 16 20
Rebound = 17 out 15 18 20

ADJUSTMENT KEY:

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

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

Fork Spring Rate .48 kg
Standard Air Gap 120 mm
Air Gap Range 100-135mm
Fluid Type 5 wt.

Shock Spring Rate 5.4 kg
Static Sag Range 25-45mm
Rider Sag Range 100-115mm

350/390/430/500 Standard Edition Fork Adjustment

Compression (RH) = 10 out 5 12 16
Spring pre-load = 09 revolutions out 4 8 9
Rebound (LH) = 10 out 8 12 16

350/390/430/500 Standard Edition Shock Adjustment

Low Speed Compression = 21 out 8 14 18
High Speed Compression = 19 clicks out 10 14 20
Rebound = 17 out 14 18 20