

STT-2023-1

October 24, 2024



Service Tech Tip:
KYB Fork & Shock suspension
Settings list

ADJUSTMENT KEY:

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

2025 125/200 RR Race

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

125/200 RR Race Fork Adjustment

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

125/200 RR Race Shock Adjustment

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

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

ADJUSTMENT KEY:

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

2025 250/300 RR Race

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

250/300 RR Race Fork Adjustment

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

250/300 RR Race Shock Adjustment

Shock Spring Rate 5.3 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

ADJUSTMENT KEY:

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

2025 RX300

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

RX300 Fork Adjustment

Compression = 12 out 10 14 16
Rebound = 11 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

ADJUSTMENT KEY:

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

2025 350/390/430/480 RR Race

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

350/390/430/480 RR Race Fork Adjustment

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

350/390/430/480 RR 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

ADJUSTMENT KEY:

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

2025 450RX

Fork Spring Rate .50 kg
Oil level 350 cc
Pressure spring Rate 2.1 kg

450 Fork Adjustment

Compression = 10 out 7 14 16
Rebound = 14 out 12 14 16

450 Shock Adjustment

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

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