

FOX *REDEFINE YOUR LIMITS*

STREET PERFORMANCE SERIES SET-UP MANUAL



ADJUSTING SPRING PRELOAD



FOX Street Performance Series IFP and IFP R shocks are equipped with spring preload adjusters.

To adjust the spring preload rotate the preload ring above clockwise to increase spring preload and counter clockwise to decrease spring preload. Keep track of the spring preload by using the numbered preload increments as seen on the shock body above. Both shocks should be adjusted to the same position.

SPRING PRELOAD SETTING

Preload Chart for 997-27-000, 002, 004, 006 (Standard Spring)						
Combined Rider Weight (lbs.)	280	5	Spring Preload Position			
	255	4	5			
	230	3	4	5		
	205	2	3	4	5	
	180	1	2	3	4	5
		0	25	50	75	100
	Luggage Weight (lbs.)					

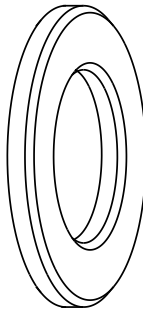
Preload Chart for 997-27-001, 003, 005, 007 (Heavy Spring)						
Combined Rider Weight (lbs.)	372	5	Spring Preload Position			
	339	4	5			
	306	3	4	5		
	273	2	3	4	5	
	240	1	2	3	4	5
		0	33	66	99	132
	Luggage Weight (lbs.)					

Use the appropriate tables with the correct shock part number above to estimate the required spring preload position for the spring adjusters.

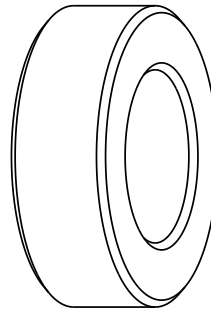
Example 230 lb. Combined Rider + 50 lbs. of luggage = The amount of spring preload required (5).

Example 306 lb. Combined Rider + 33 lbs. of luggage = The amount of spring preload required (4).

ALIGNMENT KIT



018-05-046



213-01-376

Contents:

- (4) 018-05-046 Fastener, Standard: Washer, [0.531 ID X 1.062 OD X .100 TH]
- (4) 213-01-376 Eyelet Parts: Spacer [0.500 ID X 0.87 OD X .30 TLG]



1. Install the shock eyelet on the swing arm first.
2. Add the necessary amount of spacers to fill the gap between the frame and upper shock eyelet as shown.
3. Torque all hardware to manufacturers specifications.

SETTING RIDE HEIGHT



All motorcycles and loading conditions can vary. It is best to confirm that the spring preload is set correctly after using the spring preload charts from page 2.

Load the motorcycle with both riders and luggage. With some assistance measure the distance between the center of the shock mounting eyelets.

12 inch long shocks should measure 11.25 inches between eyelets.

13 inch long shocks should measure 12.00 inches between eyelets.

ADJUSTING REBOUND



The rebound adjust feature on your FOX Performance Series IFP-R shocks gives you the ability to externally adjust the shocks rebound damping. Adjustments are made by turning the red knob on the eyelet, located on the end of the shock absorber. The rebound damping affects how quickly the rear shock extends (rebounds) after the motorcycle travels over bumps and depressions on the road.

The rebound adjuster has about 24 clicks of adjustment. Start counting clicks from the adjusters most clockwise limit. The factory setting is 12 clicks out from bottom. Both rear shocks should be adjusted to the same position.

For slower rebound, turn the red knob clockwise.

MAINTENANCE

PROPER INSPECTION AND MAINTENANCE IS ESSENTIAL TO MAINTAIN THE PERFORMANCE AND RELIABILITY OF YOUR SHOCK ABSORBERS.

To avoid corrosion, you should keep the shocks and springs clean and free of dirt and moisture. The wiper seal will clean deposits from the shaft, but the shock won't necessarily fully compress every time. This means you could accumulate dirt at the bottom of the shaft and underneath the bounce bumper. Make sure you clean these areas completely to prevent shaft corrosion. Avoid using a high-pressure washer near the shaft seals or adjusters, as this could drive dirt inside the shock.

Make sure the ends of the spring and shock threads are clean and free of dirt before adjusting the preload ring this will make the adjustment easier and reduce wear.

Ideally, the shocks should be clean around the adjusters when changing the rebound damping setting. A small blast of contact cleaner or brake cleaner before making adjustments will keep these parts clean and operating smoothly for years.

REBUILD / SERVICE INTERVALS

Just like the oil in your car engine, the oil in your shock absorber breaks down over time and must be replaced. The service interval depends on how frequently and severely the bike is ridden. For optimum performance racing applications the shocks may require rebuilding every 10-20 hours of use. In non-racing environments to keep your shocks performing at optimum performance we recommend at least every 10,000 miles or 700-1000 hrs of use.

WARNING: Shock rebuilds take special knowledge and tools. It is essential that this is performed by an authorized FOX technician or service center.

WARRANTY

All FOX products have a one-year warranty on defects in materials or workmanship. Please view the full warranty terms and conditions at www.ridefox.com/ps-warranty. Contact a FOX Warranty representative at 1.800.FOX.SHOX (1.800.369.7469).

SERVICE

Suspension Service Information on-line RA Request Form. <http://www.ridefox.com/service>
Contact a FOX Service Center at 1.831.740.4619 or psservicemw@ridefox.com

To receive a return authorization number before shipping the shocks to one of the following service centers:

FOX Powersports Service
130 Hanger Way
Watsonville, CA 95076

FOX Midwest Service Center
13461 Dogwood Drive
Baxter, MN 56425