



**STREET PERFORMANCE**  
**TOURING SHOCK SET-UP**  
IFP, IFP-R

## STREET PERFORMANCE SERIES TOURING SET-UP IFP, IFP-R

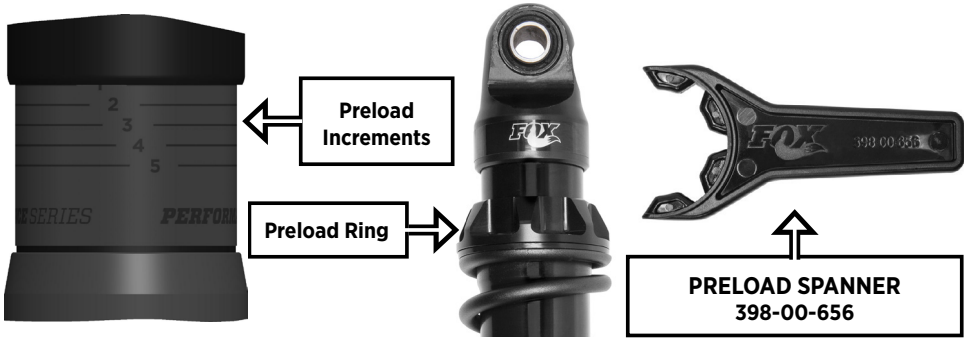
### SHOCK INSTALLATION

Use a motorcycle floor jack when installing shock absorbers to remove the load on the mounting hardware.



1. Loosen the upper and lower mounting hardware that secures your stock shocks.
2. Adjust your floor jack so that the hardware and shock come off easily.
3. Inspect the mounting hardware and replace any hardware that's been damaged.
4. Install your new Fox shocks with the shock eyelet on the swing arm first.
5. If the shock is equipped with a rebound feature, position the knob rearward.
6. Apply a dab of red Loctite on the lower mounting threads and tighten the hardware to the manufacturer's specifications.
7. Hold the shock to line up the upper shock mount. You may need to use one or more of the supplied spacers between the frame and shock to keep the shock aligned.
8. Adjust your floor jack so the new shock and upper hardware mount easily.
9. Apply a dab of red Loctite on the upper mounting threads and tighten the hardware to the manufacturer's specifications.
10. Carefully lower your bike to the ground and remove the floor jack.
11. Check to make sure shocks have adequate clearance to adjacent components before riding.

# ADJUSTING SPRING PRELOAD



FOX Street Performance Series IFP and IFP-R shocks are equipped with spring preload adjusters. Use the preload spanner to adjust spring preload. 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 997-27-100, 102, 200, 202 (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 997-27-101, 103, 201, 203 (HEAVY DUTY 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. Rider(s) + 50 lbs. of luggage = The amount of spring preload required (5).  
 Example 306 lb. Rider(s) + 33 lbs. of luggage = The amount of spring preload required (4).

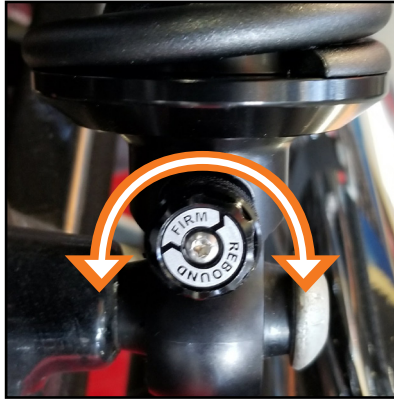
## SETTING RIDE HEIGHT

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 on page 3.



To set the ride height, the rider (passenger and luggage) should be seated on the bike in riding position, while an assistant or wheel chock holds the front end upright. With the rider (passenger and luggage) seated, have an assistant measure the eye to eye length of the shock and adjust the spring preload to obtain the target shock lengths listed below. (Rider not shown).

- 12 inch long shocks should measure  $11.31 \pm 0.10$  inches between eyelets with rider + passenger on bike.
- 13 inch long shocks should measure  $12.02 \pm 0.14$  inches between eyelets with rider + passenger on bike.



## ADJUSTING REBOUND

The rebound adjust feature on your FOX Street Performance IFP-R shocks gives you the ability to externally adjust the shocks rebound damping.

Adjustments are made by turning the black rebound 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 black rebound knob clockwise.

TUNING REBOUND DAMPING	
SYMPTOM	REMEDY
Harsh over bumps	Decrease Position
Bottoms out often	Increase Position
Wallows in corners	Increase Position
Excessive weight transfer	Increase Position
Suspension not using full travel	Decrease Position



## **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, 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 jounce 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. Use a small amount of contact cleaner or brake cleaner before making adjustments will keep these parts clean and operating smoothly for years.

## **REBUILD / SERVICE INTERVALS**

Under normal road use conditions the shock absorbers should last for the lifetime of the vehicle. Only in race or extreme use, service may be required.

**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](http://www.ridefox.com/ps-warranty). For more information or to file a warranty claim, contact a FOX Warranty representative at 1.800.FOX.SHOX (1.800.369.7469).

## **SERVICE**

Suspension Service Information and online Return Authorization can be found at <http://www.ridefox.com/service>

Contact a FOX Service Center at 1.831.740.4619 or [psservicemw@ridefox.com](mailto:psservicemw@ridefox.com) to receive a return authorization number before shipping the shocks to one of the following service centers:

### **FOX Midwest Service Center**

13461 Dogwood Drive  
Baxter, MN 56425

1.831.740.4619

# NOTES

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