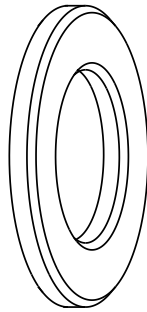


# FOX FACTORY

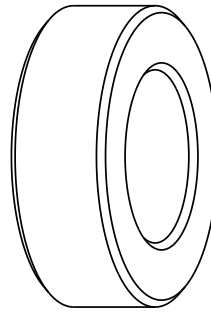
STREET PERFORMANCE SERIES  
FOR RC1 SPORTSTER SET-UP MANUAL



## ALIGNMENT KIT



018-05-046



213-01-376

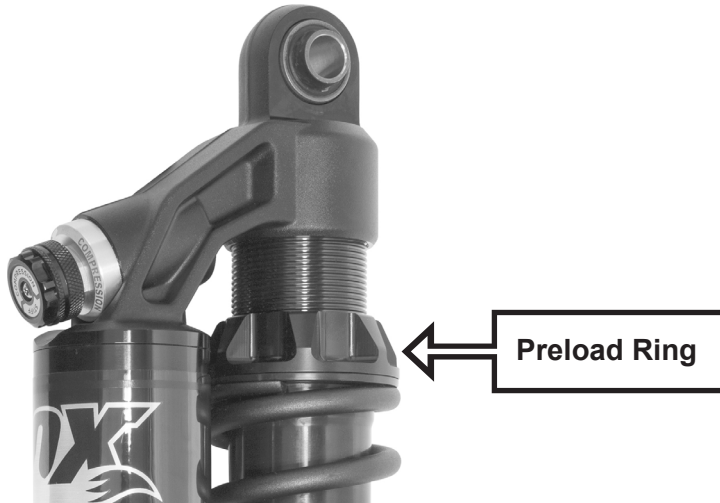
### Contents:

- (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. If shock is equipped with rebound feature, position the knob rearward.
2. Orient the reservoir towards the rear of the bike.
3. Add spacers to align upper shock mount.
4. Torque all hardware to manufacturers specifications.

## ADJUSTING SPRING PRELOAD



**398-00-656  
PRELOAD SPANNER**

FOX Street Performance Series RC1 shocks are equipped with spring preload adjusters. Use preload spanner to adjust spring preload. To adjust the spring preload, rotate the preload ring above clockwise to increase spring preload and counterclockwise to decrease spring preload. Measure the spring preload length while the bike is on a stand and the rear wheel is off the ground. Both shocks should be adjusted to the same position.

## SETTING RIDE HEIGHT



To set the ride height, the rider should be seated on the bike in riding position, while a helper or wheel chock holds the front end upright. With the rider seated, have a friend 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.

- 13.5 inch long shocks should measure 12.34 inches between eyelets with rider on bike.
- 14.0 inch long shocks should measure 12.75 inches between eyelets with rider on bike.
- 14.5 inch long shocks should measure 13.20 inches between eyelets with rider on bike.

## ADJUSTING LOW SPEED COMPRESSION



The compression adjust feature on your FOX Street Performance RC1 shocks gives you the ability to externally adjust the shocks compression damping. Adjustments are made by turning the black \ compression knob on the body cap end. The compression damping affects how quickly the rear shock compresses when the motorcycle travels over bumps and depressions on the road.

The compression 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 stiffer compression, turn the black \ compression knob clockwise.

## ADJUSTING REBOUND



The rebound adjust feature on your FOX Performance Series RC1 shocks gives you the ability to externally adjust the shocks' rebound damping. Adjustments are made by turning the 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 knob clockwise.

**NOTE: Check to make sure the shocks have adequate clearance to adjacent components before riding.**



13461 Dogwood Drive  
Baxter, MN 56425  
1.831.740.4619  
**RIDEFOX.COM**

## 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

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). 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](mailto: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