OWNER'S MANUALS

FORK- 2014 36 FLOAT 180MM 26



TRAVEL

6.7 in./170mm

7.1 in./180mm

FEATURES/ADJUSTMENTS

FACTORY FIT RC2; 170, 180; Kashima Coated or anodized upper tubes, 1-1/8" straight or 1.5" tapered steerer, low-speed compression, high-speed compression, rebound, air spring pressure.

PERFORMANCE R; 170, 180; Anodized upper tubes, 1-1/8" straight or 1.5" tapered steerer, rebound, air spring pressure.

LOWER LEG

20QR thru axle system, post style disc brake mounting

SPRING

Air

RIDING STYLE

Freeride, Downhill

SECTIONS

BEFORE YOU RIDE >
SETTING FORK AIR PRESSURE >
ADJUSTING REBOUND >
USING THE RC2 HIGH AND LOW SPEED COMPRESSION ADJUSTERS >
SERVICE INTERVALS >

For general information and installation instructions click here »

Before You Ride

MAKE SURE THAT YOUR FORK IS READY TO RIDE

1. Check that quick-release levers are properly adjusted and tightened.
2. Inspect the entire exterior of your fork. The fork should not be used if any of the exterior parts appear to be damaged. Contact your local dealer or FOX for further inspection and repair.
3. Check your headset adjustment. If loose, adjust it accordingly to your bicycle manufacturer's recommendations.
4. Check that all brake cables or hoses are properly fastened.
5. Test the proper operation of your front and rear brakes on level ground.
6. Before every race or ride, clean the outside of your fork with only mild soap and water, and wipe dry with a soft dry rag. Do not spray water directly into the seal/upper tube junction. Do not use a high pressure washer on your fork.

Setting Fork Air Pressure

36 FLOAT maximum air pressure is 105psi

SAG SHOULD BE SET TO 15 - 20% OF TOTAL FORK TRAVEL

1. Unscrew the blue air cap on top of the left fork leg counter-clockwise to expose the schrader valve.



2. Attach a FOX High Pressure Pump to the schrader valve.
3. Pump your fork to the appropriate pressure as listed in the 'Suggested starting points for setting sag' table below, then remove the pump.
4. Using your forks sag setting o-ring on the left upper tube (or temporarily install a zip tie to the upper tube), slide the o-ring (or zip tie) down against the fork dust wiper.



5. Make sure your RC2 adjusters are in the open position (both fully counter-clockwise).
6. Dressed to ride (including a filled hydration pack, if you use one), position your bike next to a wall or table to support yourself. Mount your bicycle. Assume your riding position for at least 10 seconds, allowing the suspension to fully settle. Make sure you distribute your weight evenly between the saddle, handlebars and pedals.
7. While in your riding position, slide the o-ring (or zip tie) down against the fork dust wiper.
8. Dismount your bike without bouncing, to avoid further moving the o-ring or zip tie. Measure the distance between the dust wiper and the o-ring or zip tie. This is your sag measurement. Suggested sag measurements are listed in the table below.
9. Add or remove air pressure until your sag measurement is between 15-20% of your forks total travel.
10. Repeat steps 2-8 and recheck sag measurement.
11. When sag measurement is correct, screw the blue air cap on clockwise until snug.

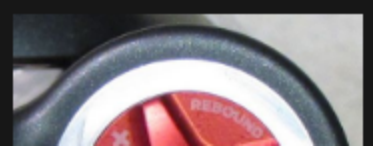
Suggested Starting Points for Setting Sag			
Rider Weight lbs/kgs		170mm	180mm
≤125	≤57	45psi	45psi
125 - 135	57 - 61	45psi	45psi
135 - 145	61 - 66	50psi	50psi
145 - 155	66 - 70	55psi	55psi
155 - 170	70 - 77	60psi	60psi
170 - 185	77 - 84	65psi	65psi
185 - 200	84 - 91	70psi	70psi
200 - 215	91 - 98	75psi	75psi
215 - 230	98 - 104	80psi	80psi
230 - ≥250	104 - ≥113	85psi	85psi

Suggested Sag Measurements		
Travel	15% sag (Firm)	20% sag (Plush)
6.7 in./170mm	1.0 in./26mm	1.3 in./34mm
7.1 in./180mm	1.1 in./27mm	1.4 in./36mm

Adjusting Rebound

REBOUND CONTROLS HOW FAST THE FORK EXTENDS AFTER COMPRESSING









The red rebound adjuster is located at the bottom of the right fork leg (the rebound knob for Performance R forks is located at the right topcap). Rebound controls the rate of speed at which the fork extends after compressing. Turning the knob clockwise (in) slows down rebound; turning the knob counter-clockwise (out) speeds up rebound. Rebound damping should only be set after first setting your air pressure by measuring sag.

1. Make sure your RC2 adjusters are in the open position (both fully counter-clockwise).
2. Starting with the rebound adjuster fully open (counter-clockwise) push on the fork to compress it and feel its return speed.
3. Increase rebound damping by turning the red rebound knob in clockwise until when tested, the fork returns quickly but does not top out.

Top out is felt when a fork fully extends too quickly and comes to an abrupt stop when it reaches full extension (you will hear/feel a small noise). Top out should be avoided through proper rebound setting.

Using the RC2 High and Low Speed Compression Adjusters

INDEPENDENTLY CONTROL HIGH AND LOW SPEED COMPRESSION

Adjusting your high and low speed compression setting controls how the fork feels as it's compressed through its travel under various types of hits. Use your high and low speed compression adjusters to tune the fork to meet your riding style and terrain.

Low-speed compression:



Low-speed compression damping controls how the fork feels when being compressed slowly. This adjustment is useful to control fork performance under rider weight shifts, brake dive, G-outs, and other slow inputs into. Turning your low-speed compression dial clockwise increases low-speed compression damping and will make your fork feel stiffer when being compressed slowly. Turning your low-speed compression dial counter-clockwise decreased compression damping and will make your fork feel softer when being compressed slowly.

High-speed compression:



High-speed compression damping controls how the fork feels when being compressed quickly. This adjustment is useful to control fork performance under bigger hits, landings, and square-edged bumps. Turning your hihg-speed compression dial clockwise increases high-speed compression damping and will make your fork feel stiffer when being compressed quickly. Turning your high-speed compression dial counter-clockwise decreases compression damping and will make your fork feel softer when being compressed quickly.

Service Intervals

MAKE SURE TO PROPERLY MAINTAIN YOUR FORK

Air Spring Forks (all 32, 34, 36 FLOAT, TALAS, DRCV, 40 FLOAT)

Service item	New	After each ride or race	Every 30 hours	Every 100 hours
Set sag	●			
Check sag; reset if necessary		●		
Set damping adjustments	●			
Clean fork exterior with mild soap and water only; wipe dry with soft towel		●		
Inspect dropout thickness (9mm)			●	
Inspect bushings			●	
Change oil in lower legs (visit FOX Technical Help for more info)			●	
Change FLOAT fluid in air chamber of FLOAT, TALAS, and DRCV forks				●
Service damper: 32, 34, and 36 FIT; open cartridge (OC) and Terralogic®				●