

## F80X Supplement

FOX FORX F80X with TerraLogic Technology represents the ultimate in cross country racing front suspension. The F80X features a lockout that is controlled by an inertia valve. The F80X remains locked out until it receives input from the trail. The inertia valve is then opened which allows the damper and subsequently the fork to function normally. When there is no longer input from the trail, the inertia valve closes and the fork again locks out. The lockout on the F80X is quite firm but not "rock solid". This an important design characteristic and is normal. Featured adjustments on the F80X are Rebound and Bump Threshold.

### Setting up the F80X

Since the F80X is always locked out, setting sag in the conventional manner is challenging. It is best to do this procedure with an assistant in a controlled environment. It is best to set sag at home or at your local bike shop prior to heading out on the trail. It is also a good idea to ride the fork on a familiar loop and grow accustomed to when and how the fork reacts to bumps. Riders wanting a solid cross country platform with superior bump performance will find the F80X to be the perfect suspension fork. Riders expecting ultra plush, comfy couch style front suspension should consider the Vanilla, FLOAT 100 or TALAS lines of FOX FORX.

#### Setting Sag

Consult the FLOAT Air Spring Guidelines chart below and set the air pressure accordingly.

Install a zip tie on the upper tube of the fork.

Sit on the bike in a normal riding position.

Okay, here's the tricky part. Pick the front of the bike up and drop it to open the inertia valve.

Sit back in a normal riding position. This should compress the fork slightly as the inertia valve closes and the fork becomes locked out again. There will be 2-3 seconds of active time to perform this operation.

Have your assistant or, if you are more coordinated than this writer you can do it yourself, push the zip tie down to the seal.

Carefully dismount from the bicycle.

Measure the distance from the seal to the zip tie. This distance is the sag.

If there is not enough sag, decrease air pressure by 5psi and repeat the steps above. If there is too much sag, increase air pressure by 5psi and repeat the above steps.

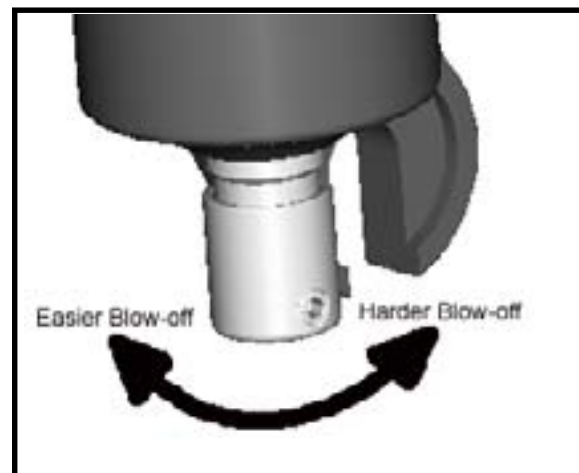
### Rebound Adjustment

Please see page 12 for instructions on setting rebound. Because of the F80X's TerraLogic technology, it is necessary to tap the wheel on the ground before cycling the fork. This opens the inertia valve and allows the damper to function.

### Bump Threshold Adjustment

Similar to FOX FORX with the RLC damper, the F80X features an adjustment for the size of bump required to overcome the lockout of the fork. The bump threshold adjustment on the TerraLogic damper features twenty-two (22) clicks of adjustment. The bump threshold adjustment is factory set at fully counter-clockwise minus one full rotation. This is close to the most sensitive tuning position. Turning the knob clockwise will make the inertia valve less sensitive thus requiring a more significant bump to activate.

FLOAT Air Spring Guidelines	
Rider Weight	Air Pressure F80
Under 125 lbs	40 psi
125 - 135 lbs	45 psi
135 - 145 lbs	50 psi
145 - 155 lbs	55 psi
155 - 170 lbs	60 psi
170 - 185 lbs	65 psi
185 - 200 lbs	70 psi
200 - 215 lbs	75 psi
215 - 230 lbs	80 psi
230 - 250 lbs	85 psi



**Bump Threshold Adjustment**