

THE DIALS EXPLAINED

3-POSITION COMPRESSION

The Fox Factory Float 34 SL **3-position** lever is frequently used as a climb switch throughout a ride. Use the **OPEN** mode during rough descending and the **FIRM** mode for smooth climbing.

FOX FACTORY FLOAT 34 SL - GRIP SL
Fork 3-Position Compression

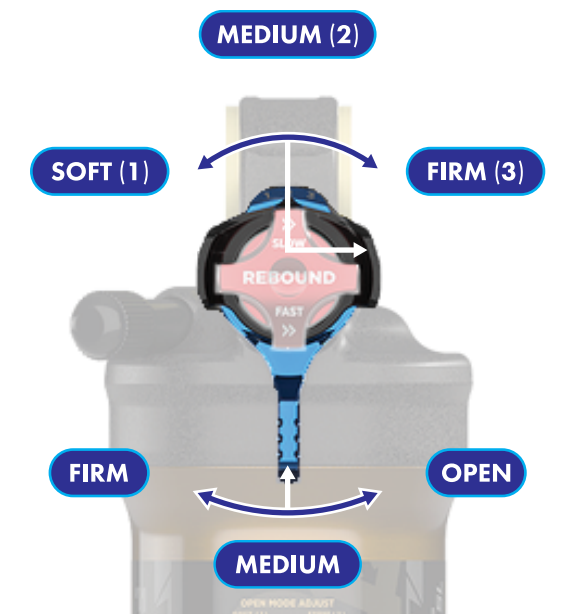


3-POSITION LEVER WITH OPEN MODE ADJUST

The Fox Factory Float SL **3-position lever** is frequently used as a climb switch throughout a ride. Use the **OPEN** mode during rough descending and the **FIRM** mode for smooth climbing.

Open mode adjust provides 3 additional fine tuning adjustments for the **OPEN** mode. Lift the open mode adjuster, rotate it to the **1, 2, or 3 position**, and press it in to lock the position.

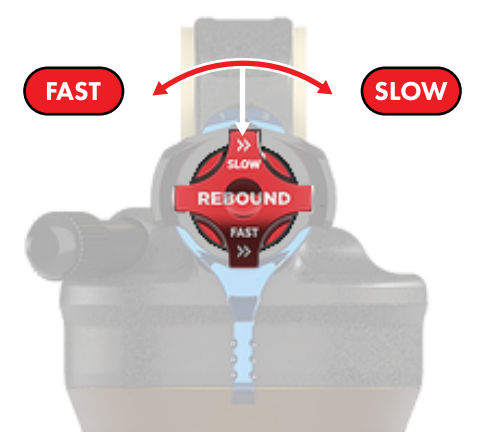
FOX FACTORY FLOAT SL
Shock 3-Position Compression



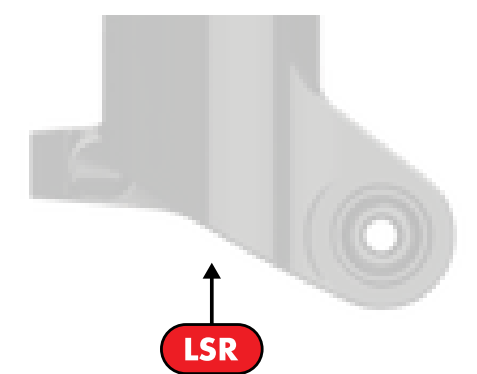
LSR (LOW-SPEED REBOUND)

Affects how the suspension rebounds in the first 1/3 of its travel as it recovers from smaller trail impacts. Many riders aim to run as little **LSR** as tolerable, this increases wheel and suspension speed allowing the suspension to quickly rebound from repetitive trail impacts and chatter.

FOX FACTORY FLOAT SL
Shock Rebound Dial



FOX FACTORY FLOAT 34 SL - GRIP SL
Fork Rebound Dial



VOLUME SPACERS

Volume spacers are an optional step to fine-tune your suspension's air spring. The stock volume spacer configuration will work for most riders. See the charts below for volume spacer recommendations based on riding style.

FOX FACTORY FLOAT 34 SL - GRIP SL
Fork Volume Spacers



FOX FACTORY FLOAT SL
Shock Volume Spacers



[Fork volume spacer installation video.](#)

This procedure applies to all Fox Float forks.



[Shock volume spacer installation video.](#)

This procedure applies to all Fox Float shocks.

SET FORK SAG

- Make any desired changes to volume spacers before setting sag. The Fox 34 SL on the Ripley SL ships with **1 volume spacer installed**.
- Set your sag in **OPEN** mode with riding gear on. Sag should be set while standing in your descending position. Carefully dismount the bike without further compressing the suspension. Measure the distance between the sag indicator o-ring and the rubber air sleeve seal.
- Optimum Sag: **18-25%** of full travel at **130mm = 23.4mm to 32.5mm**.
- Once you have the sag set, use the charts to set compression and rebound settings.

SAG: 18-25%



SET FORK DAMPING

- Turn your rebound adjuster to the closed position (full clockwise) until it stops. You will hear and feel clicks as you turn the knob.
- These are just suggestions, so experiment until you find the settings that work for you.
- More clicks is less damping and faster suspension speed.

More clicks and less air provides greater traction and a more plush suspension feel.



Less clicks and more air provides a more supportive and controlled suspension feel.

FOX FACTORY FLOAT 34 SL : 29 | GRIP SL : AIR PRESSURES

RIDER WEIGHT (with gear)		FORK DIALS			SPACERS BY RIDING STYLE	
LB	KG	PSI	REBOUND	3-POSITION LEVER	SMOOTH ←	→ SMASH
100-110	44-49	48-53	13-11	OPEN	0	1
110-120	49-54	53-58	13-11	OPEN	0	1
120-130	54-59	58-63	11-9	OPEN	0	1
130-140	59-64	63-68	11-9	OPEN	0	1
140-150	64-68	68-72	11-9	OPEN	0	1
150-160	68-73	72-77	10-8	OPEN	0	1
160-170	73-77	77-82	10-8	OPEN	0	1
170-180	77-82	82-86	9-7	OPEN	1	2
180-190	82-86	86-91	9-7	OPEN	1	2
190-200	86-91	91-96	8-6	OPEN	1	2
200-210	91-95	96-100	8-6	OPEN	1	2
210-220	95-100	100-105	7-5	OPEN	1	2
220-230	100-104	105-110	7-5	OPEN	1	2
230-240	104-109	110-114	6-4	OPEN	1	2
240-250	109-113	114-120	6-4	OPEN	1	2
MAX		120	13	CLOSED	4	4

▲ DO NOT EXCEED MAXIMUM AIR PRESSURE.

SET SHOCK SAG

- Make any desired changes to volume spacers before setting sag.
The Fox Float SL on the Ripley SL ships with **no volume spacer installed**.
- When making air pressure changes, the Float SL requires periodic actuation to equalize pressure between the two air chambers. With the air pump attached to the shock, slowly compress your shock several times through its travel as you reach your desired pressure.
- Set your sag in **OPEN** mode with riding gear on. Sag should be set while standing in your descending position. Carefully dismount the bike without further compressing the suspension. Measure the distance between the sag indicator o-ring and the rubber air sleeve seal.
- Optimum Sag: **25-30%** of full travel, **50mm** stroke = **12.25mm** to **15mm**.
- Once you have the sag set, use the charts to set compression and rebound settings.



SET SHOCK DAMPING

- Turn your rebound adjuster to the closed position (full clockwise) until it stops. You will hear and feel clicks as you turn the knob.
- These are just suggestions, so experiment until you find the settings that work for you.
- More clicks is less damping and faster suspension speed.

More clicks and less air provides greater traction and a more plush suspension feel.



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FOX FACTORY FLOAT SL | AIR PRESSURES

RIDER WEIGHT [with gear]			SHOCK DIALS		SPACERS BY RIDING STYLE	
LB	KG	PSI	REBOUND	OPEN AJUST MODE	SMOOTH ←	→ SMASH
100-110	44-49	105-115	11-9	1	0	0
110-120	49-54	115-125	11-9	1	0	0
120-130	54-59	125-135	11-9	1	0	0
130-140	59-64	135-145	10-8	1	0	0
140-150	64-68	145-155	10-8	1	0	.2
150-160	68-73	155-165	9-7	1	0	.2
160-170	73-77	165-175	9-7	1	0	.2
170-180	77-82	175-185	8-6	1	0	.2
180-190	82-86	185-195	8-6	1	0	.2
190-200	86-91	195-205	7-5	1	0	.2
200-210	91-95	205-215	7-5	1-2	0	.2
210-220	95-100	215-225	6-4	1-2	0	.2
220-230	100-104	225-235	6-4	1-2	0	.2
230-240	104-109	235-245	5-3	1-2	0	.2
240-250	109-113	245-255	5-3	2	0	.2
MAX		350	11	3	1	1

▲ DO NOT EXCEED MAXIMUM AIR PRESSURE.