



CLICK HERE TO REGISTER YOUR OSO

BOSCH SYSTEM CONTROLLER

⏻ POWER ON/OFF

CHARGE LEVEL LEDS

⊕ PLUS BUTTON
Increase support level



⊖ RIDE MODE

⊖ MINUS BUTTON
Reduce support level

BOSCH MINI REMOTE

⊕ PLUS BUTTON
Increase support level/ switch
light on and off (3 sec. press)



⊖ MINUS/WALK ASSIST BUTTON
Reduce support level/ activate walk
assistance by holding down for
1 second while moving the bike

USE ⊕/⊖ BUTTONS TO SELECT ONE OF FOUR ASSISTED RIDING MODES

- ECO

Efficient support for maximum range
- TOUR+

Consistent support for longer rides

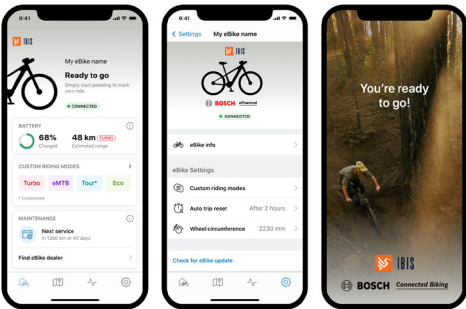
- eMTB

Dynamic support for a natural feel
- TURBO

Maximum support for challenging rides

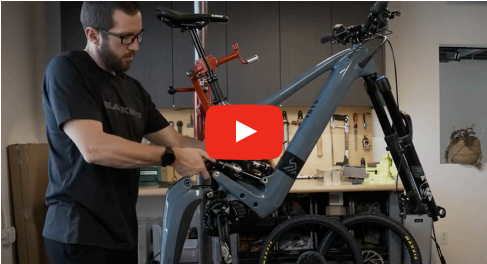
BOSCH FLOW APP

[Download the Bosch Flow App](#)



ADDITIONAL SUPPORTING LINKS

- [How to Remove and Install Battery](#)
- [Oso Linkage Overhaul Guide](#)
- [Oso Service Series](#)



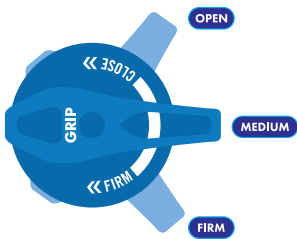
THE DIALS EXPLAINED

FORK COMPRESSION ADJUST

The Performance 38 has a grip damper with a range of micro compression adjustments that increases as you turn the lever clockwise, combining low and high speed damping adjustment.

Start in the open position and adjust clockwise from there to counteract bob or increase damping control.

FOX PERFORMANCE FLOAT 38 GRIP
Fork Compression Dials



LSC (LOW-SPEED COMPRESSION)

Affects how the suspension feels in the first 1/3 of its travel as the suspension componentry tracks the trail. This adjustment is associated with small bump compliance and off-the-top sensitivity. Many riders aim to run minimal **LSC** while still maintaining a supported feel over smaller trail chatter.

HSC (HIGH-SPEED COMPRESSION)

Affects how the suspension feels in the last 2/3 of its travel as the componentry tracks the trail. This adjustment is associated with larger trail impacts and rough or rowdy terrain. Many riders find additional **HSC** to aid in heavy bottom-out scenarios and larger jumps/drops. There is a balance to be struck with this adjustment between compliance and support in the last portion of the suspension travel.

FOX PERFORMANCE ELITE
FLOAT X2
Shock Compression Dials



2-POSITION LEVER

The Fox Factory Float X2 **2-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.

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.

HSR (HIGH-SPEED REBOUND)

Affects how the suspension rebounds in the last 2/3 of its travel as the suspension recovers from a larger trail impact or feature. Many riders aim to run minimal **HSR**, this allows the suspension to recover from big hits at a moderate rate and support the rider while not functioning like a pogo stick on rebound.

FOX PERFORMANCE
FLOAT 38 GRIP
Fork Rebound Dials



FOX PERFORMANCE ELITE
FLOAT X2
Shock Rebound Dials



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.



[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.

FOX PERFORMANCE
FLOAT 38 GRIP
Fork Volume Spacers



FOX PERFORMANCE ELITE
FLOAT X2
Shock Volume Spacers



SET FORK SAG

- Reference the suspension setup guide, install the appropriate volume spacer for your rider weight. The Fox 38 on the Oso ships with 3x volume spacers installed.
- Set your sag with riding gear on. Sag should be set while standing in your aggressive riding 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 **170mm =31mm to 43mm**.
- Once you have the sag set, use the charts to set compression and rebound settings.

SET FORK DAMPING

- Turn your damper 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.

← FEEL →

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

FOX PERFORMANCE FLOAT 38: 29 | GRIP: AIR PRESSURES

RIDER WEIGHT (with gear)			FORK DIALS		SPACERS BY RIDING STYLE	
LB	KG	PSI	REBOUND	COMPRESSION	SMOOTH ↔ SMASH	
120-130	54-59	56-70	20	OPEN	1	2
130-140	59-64	60-75	19	OPEN	1	2
140-150	64-68	65-79	18	OPEN	1	2
150-160	68-73	69-85	17	OPEN	1	2
160-170	73-77	75-90	16	OPEN	2	3
170-180	77-82	80-97	15	OPEN	2	3
180-190	82-86	87-103	14	OPEN	2	3
190-200	86-91	93-110	13	OPEN	2	3
200-210	91-95	100-118	12	OPEN	2	3
210-220	95-100	108-126	11	OPEN	3	4
220-230	100-104	116-134	10	OPEN	3	4
230-240	104-109	124-140	10	OPEN	3	4
240-250	109-113	133-140	10	OPEN	3	4
MAX		140	22	CLOSED	5	5

▲ DO NOT EXCEED MAXIMUM AIR PRESSURE.

SET SHOCK SAG

- Reference the suspension setup guide, install the appropriate volume spacer for your rider weight. The Fox Float X2 on the Oso ships with NO volume spacer installed.
- Set the blue climb switch lever to open (clockwise).
- The Float X2 requires cycling to equalize pressure between the two air chambers. With the air pump attached to the shock, slowly cycle your shock several times through its travel as you reach your desired pressure. This will equalize the positive and negative air chambers and will change the pressure on the pump gauge.
- Set your sag with riding gear on. Sag should be set while standing in your aggressive riding 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, **60mm stroke = 16.5mm to 17.5mm.**
- Once you have the sag set, use the charts to set compression and rebound settings.

SET SHOCK DAMPING

- Turn your rebound and compression 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.

← FEEL →

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

FOX PERFORMANCE ELITE FLOAT X2 | AIR PRESSURES

RIDER WEIGHT (with gear)			SHOCK DIALS				SPACERS BY RIDING STYLE	
LB	KG	PSI	LSR	HSR	LSC	HSC	SMOOTH↔SMASH	
120-130	54-59	147-155	17	8	16-14	7	0	1
130-140	59-64	155-163	17	8	15-13	7	0	1
140-150	64-68	163-172	16	8	14-12	6	0	1
150-160	68-73	172-181	15	8	13-11	6	1	2
160-170	73-77	181-189	15	8	12-10	5	1	2
170-180	77-82	189-198	14	8	11-9	5	1	2
180-190	82-86	198-206	14	8	10-8	4	1	2
190-200	86-91	206-213	13	8	9-7	4	1	2
200-210	91-95	213-222	13	7	8-6	3	1	2
210-220	95-100	222-230	12	7	7-5	3	1	2
220-230	100-104	230-239	12	7	6-4	2	2	3
230-240	104-109	239-247	11	7	5-3	2	2	3
240-250	109-113	247-256	11	6	4-2	1	2	3
MAX		300	18	8	18	8	3	3

▲ DO NOT EXCEED MAXIMUM AIR PRESSURE.