OSO S

CLICK HERE TO REGISTER

BOSCH SYSTEM CONTROLS

MINI REMOTE

More in-depth instructions on the Bosch Mini Remote can be found here.

RIDING MODES
Use +/− buttons to select 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

1. + PLUS BUTTON
Increase support level/activate lights (if appliclable) by holding down for 3 seconds

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

KIOX 400c

More in-depth instructions on the Bosch Kiox 400c can be found here.

1. POWER BUTTON
A brief press turns on the e-bike, while holding for 3 seconds shuts it down

2. USB-C CHARGE PORT
Use to charge external devices

3. MODE BUTTON
Use the +/− button to select riding modes *(see* **RIDING MODES** *next to Mini Remote)*

4. SELECTION BUTTON
Use to switch screens and to access settings

PRECONFIGURED RIDE MODES

The Oso V2 ships with the following four modes preconfigured:

• ECO • TOUR+ • eMTB • TURBO

Bosch has five additional modes: **Eco+, Tour, Sport, Auto**, and **eMTB+** that can be installed onto the bike via the Bosch Flow App. Riders can customize within the four installed ride modes as desired. All of these adjustments are made within the Bosch Flow App.

BOSCH FLOW APP
DOWNLOAD

SUPPORTING LINKS

Dropout Install / Changing Rear Wheel Sizes

Converting between HD / TR / S

Motor Removal and Installation

Battery Removal and Installation

THE DIALS EXPLAINED

COMPRESSION

Compression damping adjustment controls compression stroke speed, or the rate at which the suspension compresses. Compression affects bump absorption and efficiency during rider weight shifts, transitions, cornering, bump impacts, and braking.

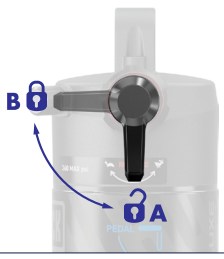
ROCKSHOX PIKE
BASE | Fork Compression Adjust

SHOCK LOCKOUT

When the lockout adjuster lever is in the **(A) Open position** the shock is able to compress quickly and freely through its full range of travel.

When the lockout adjuster lever is in the **(B) Lock position** the shock will resist compressing into its travel until significant bump impact or downward force occurs.

ROCKSHOX DELUXE
(w/LINEAR XL AIRCAN)
SELECT+ | Shock Lockout Lever



REBOUND

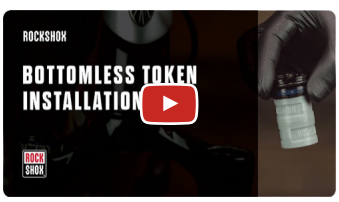
Affects how quickly the suspension recovers from trail impacts. Many riders aim to run as little rebound as tolerable, this increases wheel and suspension speed allowing the suspension to quickly rebound from repetitive trail impacts and chatter.

ROCKSHOX PIKE
BASE | Fork Rebound Dial

ROCKSHOX DELUXE
(w/LINEAR XL AIRCAN)
SELECT+ | Shock 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.



Fork volume spacer installation video.
This procedure applies to all Rockshox forks.

ROCKSHOX PIKE
BASE | Fork Bottomless Tokens

ROCKSHOX DELUXE
(w/LINEAR XL AIRCAN)
SELECT+ | Shock Volume Spacers

THE DIALS EXPLAINED

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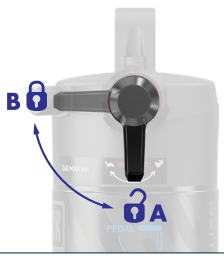
ROCKSHOX DELUXE
(w/LINEAR XL AIRCAN)
SELECT+ | Shock Lockout Lever



REBOUND

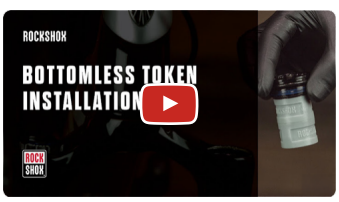
Affects how quickly the suspension recovers from trail impacts. Many riders aim to run as little rebound as tolerable, this increases wheel and suspension speed allowing the suspension to quickly rebound from repetitive trail impacts and chatter.

ROCKSHOX PIKE
BASE | Fork Rebound Dial

ROCKSHOX DELUXE
(w/LINEAR XL AIRCAN)
SELECT+ | Shock 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.



Fork volume spacer installation video.
This procedure applies to all Rockshox forks.

ROCKSHOX PIKE
BASE | Fork Bottomless Tokens

ROCKSHOX DELUXE
(w/LINEAR XL AIRCAN)
SELECT+ | Shock Volume Spacers

SET FORK SAG

- Make any desired changes to volume spacers before setting sag. The Rockshox Pike Base on the Oso S ships with **zero volume spacers 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 **140mm = 25.2mm to 35mm**.
- Once you have the sag set, use the charts to set compression and rebound settings.

SET FORK DAMPING

- Turn your damper adjuster to the open position (full counter 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.

ROCKSHOX

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.

ROCKSHOX PIKE : 29 | BASE : AIR PRESSURES

RIDER WEIGHT (with gear)			FORK DIALS		SPACERS BY RIDING STYLE	
LB	KG	PSI	REBOUND	COMPRESSION	SMOOTH ↔	SMASH
100-110	44-49	50-55	12-16	OPEN	0	1
110-120	49-54	55-60	11-15	OPEN	0	1
120-130	54-59	60-65	10-14	OPEN	0	1
130-140	59-64	65-70	9-13	OPEN	0	1
140-150	64-68	70-75	8-12	OPEN	0	1
150-160	68-73	75-80	7-11	OPEN	0	1
160-170	73-77	80-85	6-10	OPEN	0	1
170-180	77-82	85-90	5-9	OPEN	0	1
180-190	82-86	90-95	4-8	OPEN	0	1
190-200	86-91	90-95	3-7	OPEN	0	2
200-210	91-95	95-100	2-6	OPEN	0	2
210-220	95-100	95-100	1-5	OPEN	0	2
220-230	100-104	100-105	1-5	OPEN	0	2
230-240	104-109	105-110	1-5	OPEN	0	2
240-250	109-113	110-115	1-5	OPEN	0	2
MAX		163	24	CLOSED	8	8

⚠ **DO NOT EXCEED MAXIMUM AIR PRESSURE.**

SET SHOCK SAG

- Make any desired changes to volume spacers before setting sag. The Rockshox Deluxe on the Oso S ships with a **1 volume spacer installed**.
- Set the climb switch lever to open (towards the drive side).
- 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, **52.5mm stroke** = **13.25mm to 15.75mm.**
- Once you have the sag set, use the charts to set compression and rebound settings.

SET SHOCK DAMPING

- Turn your rebound and open adjustment mode knobs clockwise to the closed position, the last click. Then back them out to the number of clicks shown in the table below.
- These are just suggestions, so experiment until you find the settings that work for you.
- More clicks is less damping and faster suspension speed.

ROCKSHOX

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.

ROCKSHOX DELUXE (w/LINEAR XL AIRCAN) | SELECT+ : AIR PRESSURES

RIDER WEIGHT (with gear)			SHOCK DIALS		SPACERS BY RIDING STYLE	
LB	KG	PSI	REBOUND	COMPRESSION	SMOOTH ⟷ SMASH	
100-110	44-49	110-120	8-10	OPEN	0	1
110-120	49-54	120-130	7-9	OPEN	0	1
120-130	54-59	130-140	7-9	OPEN	0	1
130-140	59-64	140-150	6-8	OPEN	0	1
140-150	64-68	150-160	6-8	OPEN	0	1
150-160	68-73	160-170	5-7	OPEN	0	1
160-170	73-77	170-180	5-7	OPEN	1	2
170-180	77-82	180-190	4-6	OPEN	1	2
180-190	82-86	190-200	4-6	OPEN	1	2
190-200	86-91	200-210	3-5	OPEN	1	2
200-210	91-95	210-230	3-5	OPEN	1	3
210-220	95-100	220-240	2-4	OPEN	1	3
220-230	100-104	230-250	2-4	OPEN	1	3
230-240	104-109	240-260	1-3	OPEN	1	3
240-250	109-113	250-270	1-3	OPEN	1	3
MAX		360	11	CLOSED	5	5

⚠ **DO NOT EXCEED MAXIMUM AIR PRESSURE.**