

marzocchi

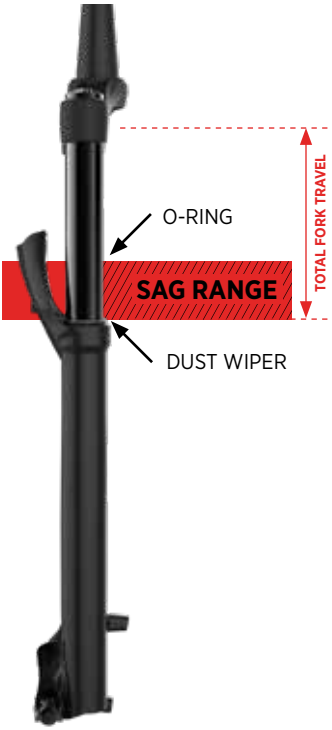
BOMBER Z2

TUNING GUIDE

SAG SETTING

To achieve the best performance from your Marzocchi suspension, adjust the air pressure to attain your proper sag setting. Sag is the amount your suspension compresses under your weight and riding gear. Sag range should be set to 15–20% **of total fork travel**.

Make sure to set sag with the compression lever in the OPEN mode, see page 5.



Suggested Sag Measurements

Travel	15% sag (Firm)	20% sag (Plush)
100 mm (3.9 in)	15 mm (0.6 in)	20 mm (0.8 in)
110 mm (4.3 in)	17 mm (0.65 in)	22 mm (0.85 in)
120 mm (4.7 in)	18 mm (0.7 in)	24 mm (0.9 in)
130 mm (5.1 in)	19.5 mm (0.7 in)	26 mm (1.0 in)
140 mm (5.5 in)	21 mm (0.8 in)	28 mm (1.1 in)
150 mm (5.9 in)	22 mm (.9 in)	30 mm (1.2 in)

Your fork has a 4 digit ID code on the back of the lower leg. Use this number at www.Marzocchi.com to find out more information about your fork, including fork travel.

The recommended settings in this tuning guide are designed to be a **starting point**, in order to get you out on your first ride in as few steps as possible. Consult your bike manufacturer's instructions for setup recommendations.

As you ride and get used to your new fork, adjust your settings as needed. Detailed information and videos can be found in the online owner's manual.

Suggested Starting Points for Setting Sag

Rider Weight (lbs)	Rider Weight (kgs)	BOMBER Z2 Pressure (psi)	BBOMBER Z2 E-Bike+ Pressure (psi)
120-130	54-59	58	65
130-140	59-64	63	70
140-150	64-68	68	74
150-160	68-73	72	80
160-170	73-77	77	85
170-180	77-82	82	90
180-190	82-86	86	96
190-200	86-91	91	101
200-210	91-95	96	106
210-220	95-100	100	111
220-230	100-104	105	116
230-240	104-109	110	121
240-250	109-113	114	126

Do not exceed maximum air pressure:
BOMBER Z2 maximum air pressure is **120 psi.**
BOMBER Z2 E-Bike+ maximum air pressure is **140 psi**

REBOUND ADJUSTMENT

The rebound adjustment is dependent on the air pressure setting. For example, higher air pressures require slower rebound settings. Use your air pressure to find your rebound setting.

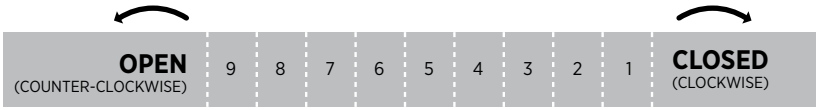
Turn your rebound knob to the closed position, clockwise until it stops. Then turn it counter-clockwise to the number of clicks shown in the table below.

REBOUND

Rebound controls the rate of speed at which the fork extends after compressing.



Rider Weight (lbs)	Rider Weight (kgs)	BOMBER Z2	BOMBER Z2 E-Bike+
120-130	54-59	13	10
130-140	59-64	10	9
140-150	64-68	9	9
150-160	68-73	9	8
160-170	73-77	8	8
170-180	77-82	8	7
180-190	82-86	8	7
190-200	86-91	7	6
200-210	91-95	7	5
210-220	95-100	6	3
220-230	100-104	4	2
230-240	104-109	3	1
240-250	109-113	2	1



LEAST AMOUNT OF REBOUND DAMPING, FORK REBOUNDS **FASTEST**

MOST AMOUNT OF REBOUND DAMPING, FORK REBOUNDS **SLOWEST**

RAIL COMPRESSION ADJUST

The **2-Position Sweep Adjust** lever is useful to make on-the-fly adjustments to control fork performance. Use the positions between OPEN and FIRM modes to fine-tune your compression damping.

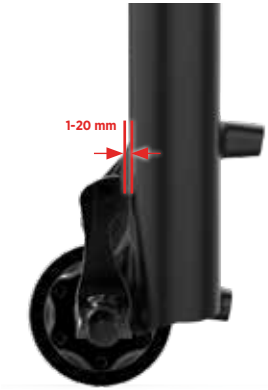


INSTALLING THE FRONT WHEEL- 15QR

1. Install the front wheel into the fork dropouts. Slide the axle through the non-drive side dropout and hub.
2. Open the axle lever.



3. Turn the axle clockwise 5-6 complete turns into the axle nut.
4. Close the lever. The lever **must** have enough tension to leave an imprint on your hand.
5. The closed lever position **must** be between 1-20 mm in front of the fork leg.
6. If the lever does not have enough tension, or has too much tension when closed at the recommended position (1-20 mm in front of the fork). See the next page for adjustment instructions.



KABOLT INSTALLATION

1. Install the front wheel into the fork dropouts. Slide the Kabolt axle through the non-drive side dropout and hub.
2. Use a 6 mm hex wrench to torque the Kabolt axle clockwise to the torque specification etched on the head of the Kabolt.



WARNING: Use hand pressure only. Never use any tool to tighten the 15QR levers onto the lower legs. Over-tightening the levers can damage the axle or fork dropouts, leading to a sudden failure with one or more of these components, resulting in SERIOUS INJURY OR DEATH.

WARNING: Failure to secure the axle properly can cause the wheel to become detached from the bicycle, resulting in SERIOUS INJURY OR DEATH.

ADJUSTING THE LEVER POSITION

1. Note which direction the axle lever needs to turn to achieve proper orientation.
2. Open the axle lever in the fork.
3. While holding the QR lever open and stationary so it cannot rotate, use a 4mm hex wrench in the center of the end of the axle to adjust lever position. With the 4mm adjuster set properly, you should start to feel tension in the axle when the QR lever is 90 degrees before full closure in the vertical position.
4. Repeat the axle installation instructions to verify proper installation and adjustment.



4mm hex adjuster at center of threaded axle end.

MOUNTING DISC BRAKES

The BOMBER Z2 uses 160 mm post mounts that allow you to bolt your caliper directly to the fork and utilize a 160 mm rotor.

If using a rotor larger than 160 mm you will need to source the appropriate caliper spacer and bolts. Contact the brake manufacturer for further information.

WARNING: Follow your brake manufacturer's installation instructions for proper installation and adjustment of the brake system. Failure to properly install and adjust your brakes can lead to a loss of control of the bicycle which can result in SEVERE INJURY OR DEATH.



2x M6 x 1,0-6H

(full thread 12mm)

Disc brake caliper mount bolts must have 10-12mm of thread engagement.

Torque bolts to manufacturer's specification. Bolt torque must not exceed 90 in-lb.

ADDITIONAL TUNING OPTIONS

CLIP-ON VOLUME SPACERS

Changing volume spacers in the BOMBER Z2 fork is an easy internal adjustment that allows you to change the amount of mid stroke and bottom out resistance.

If you have set your sag correctly and are using full travel (bottoming out) too easily, then you could install one or more spacers to increase bottom out resistance.

If you have set your sag correctly and are not using full travel, then you could remove the spacer to decrease bottom out resistance.

Installation procedure and tuning options are available online at:
www.Marzocchi.com

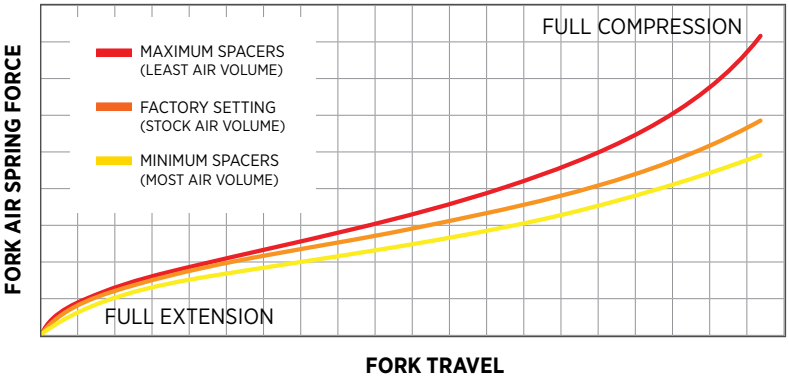
BOMBER Z2 Volume Spacer Configurations

Travel	Volume Spacers Factory Installed	*Max Volume Spacers
150 mm	0	4
140 mm	0	4
130 mm	1	5
120 mm	2	5
110 mm	3	6
100 mm	4	6

BOMBER Z2 E-Bike+ Volume Spacer Configurations

Travel	Volume Spacers Factory Installed	*Max Volume Spacers
150 mm	2	4
140 mm	3	4
130 mm	4	5
120 mm	4	5
110 mm	5	6
100 mm	6	6

TYPICAL AIR SPRING CURVES



SEE ADDITIONAL INFORMATION AND VIDEOS:

MARZOCCHI.COM

NOTES



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