

2015-17 Kawasaki Versys 650 Lowering Kit Installation Instructions

Items Included



Lowering Kit Body
Spacer
M12 Bolt
M12 Nylon Locknut
M12 Washer



Preload Adjuster Relocation Block
2 Screws 20 mm long
2 Screws 10 mm long
2 M6 Washers
Loctite Threadlocker
Bending Plate

Tools needed (some can be found in your motorcycle toolkit)

Scissor Car Jack

6 mm Allen hex wrench

10 mm Open Wrench

Adjustable Wrench

17 mm Open Wrench

17 mm Socket Wrench or Torque Wrench

Note: *instruction photos below show parts in silver color for a more clear view*

INSTRUCTIONS

1. In order to remove the pressure from the rear shock absorber, you will need to place the car scissor jack on top of the rear tire, with a piece of plywood located underneath the seat, as shown. Then, preload the jack by hand.



2. Steps for relocating the preload adjuster

2A. Unscrew the 2 socket head cap screws with the 6 mm hex wrench from the preload adjuster cover as shown – **caution: they are loctited.**





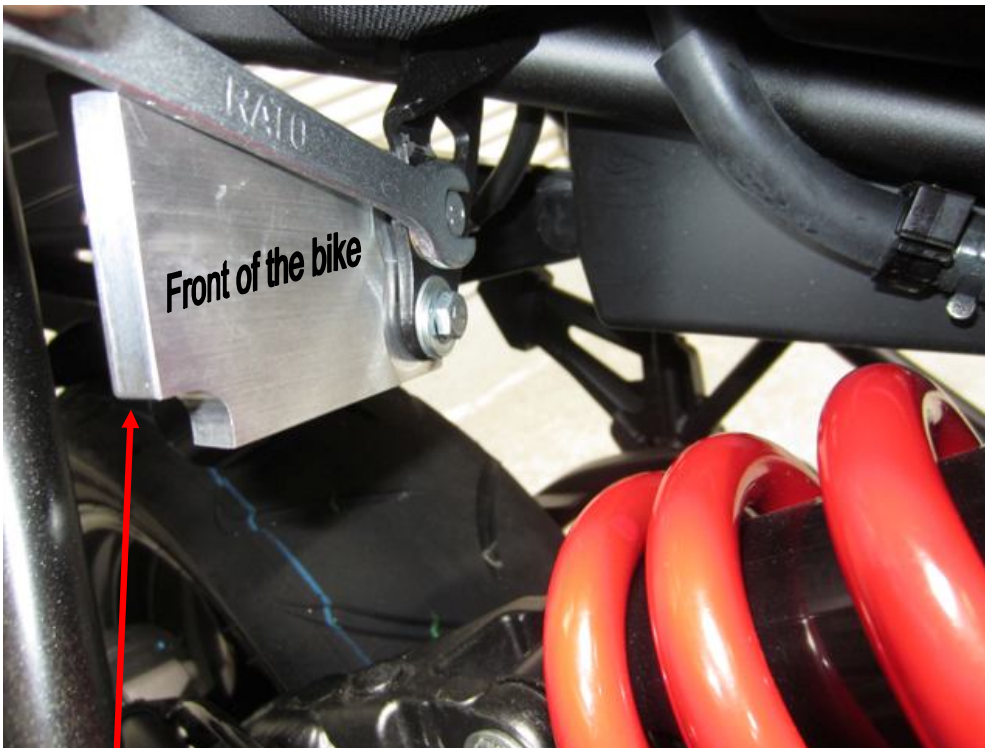
Put the cover with the screws aside – they will be reused later on

2B. Swing the preload adjuster underneath the bracket it was mounted to and away from the shock absorber, as shown



2C. Remove the 2 metal sleeves and 2 rubber grommets from the preload adjuster mounting bracket and put them aside, as they will be reused later on.

2D. Install the silver bending plate provided to the preload adjuster mounting bracket with The 2 M6 washers and 2 M6 20 mm screws provided. Use a 10 mm open wrench to lightly tighten them.



Make sure that the chamfer with the red mark is on the bottom.

2E. Grab the bending plate with an adjustable wrench, as shown

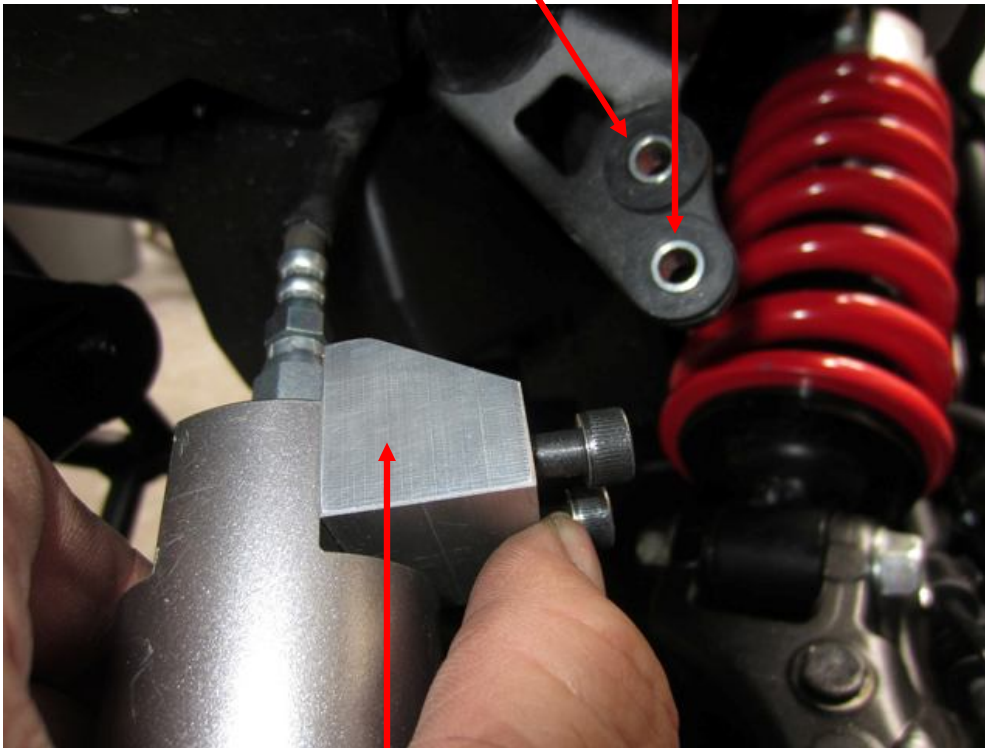


and pull it backwards until the red marked chamfer on the bending plate touches the bike's trellis

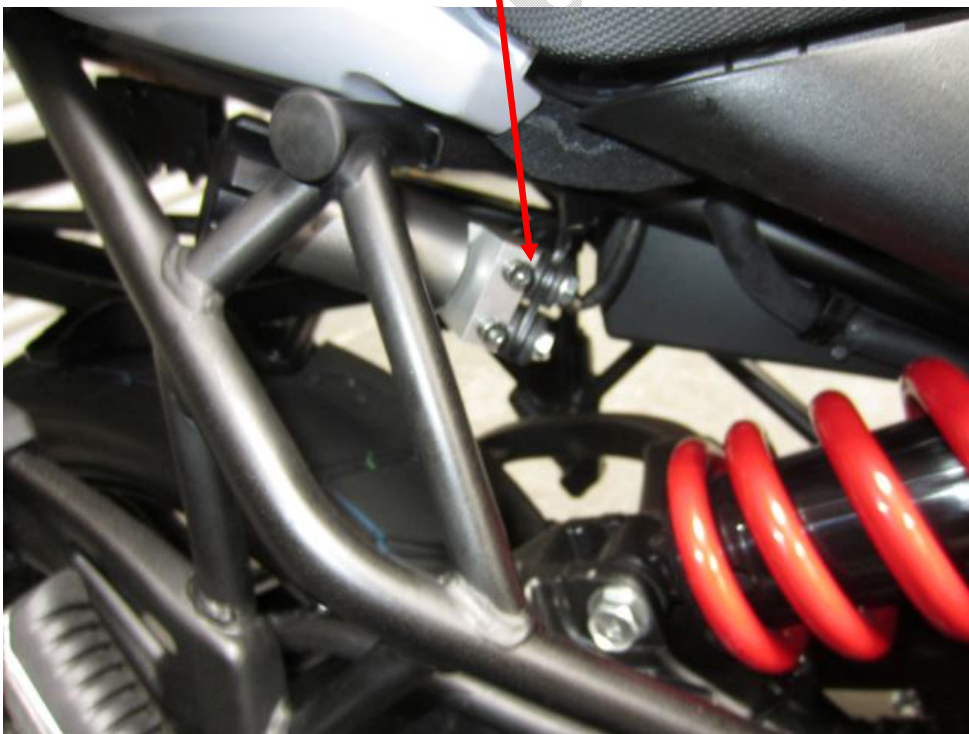


2F. Remove the bending plate from the bike. Make sure to put the two M6 screws and M6 washers aside – they will be reused later.

2G. Reinstall the rubber grommets and metal sleeves to the preload adjuster mounting bracket

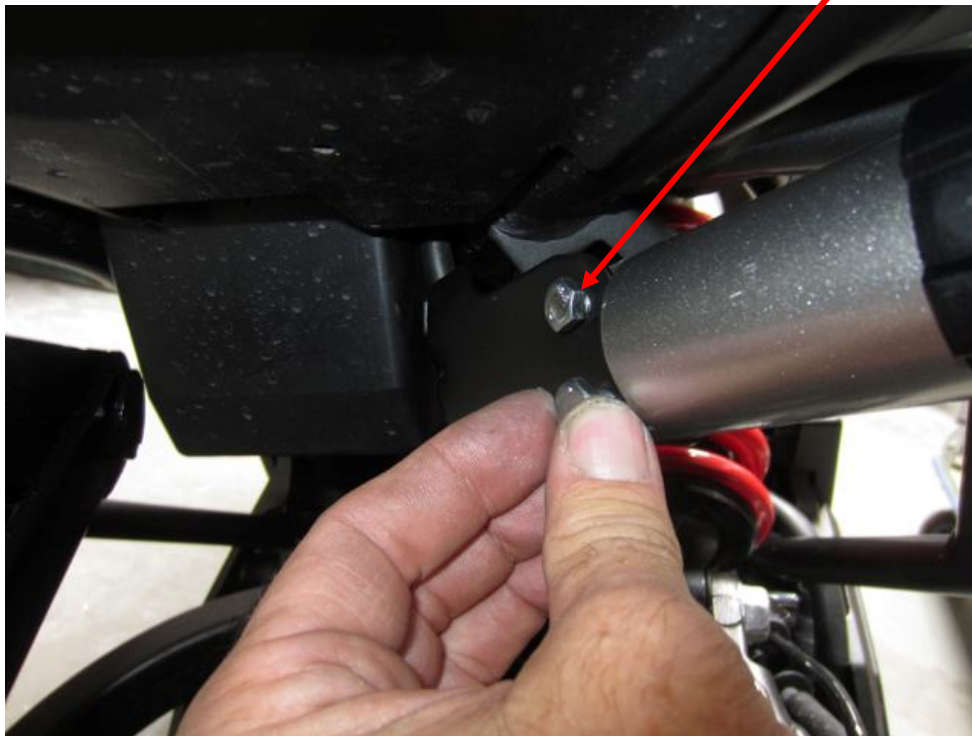


Then attach the **relocation block** to the preload adjuster with the 2 original socket head cap screws from step 2A by using a 6 mm hex wrench. **Note: apply Loctite to all M6 screws.** Now, take the two 20 mm screws and 2 M6 washers (from the bending plate) to attach the relocation block to the bent mounting bracket – with the 10 mm open wrench



**tighten
everything
well**

2H. Use a 10 mm open wrench to install the preload adjuster cover to the preload adjuster with the two 10 mm M6 screws provided

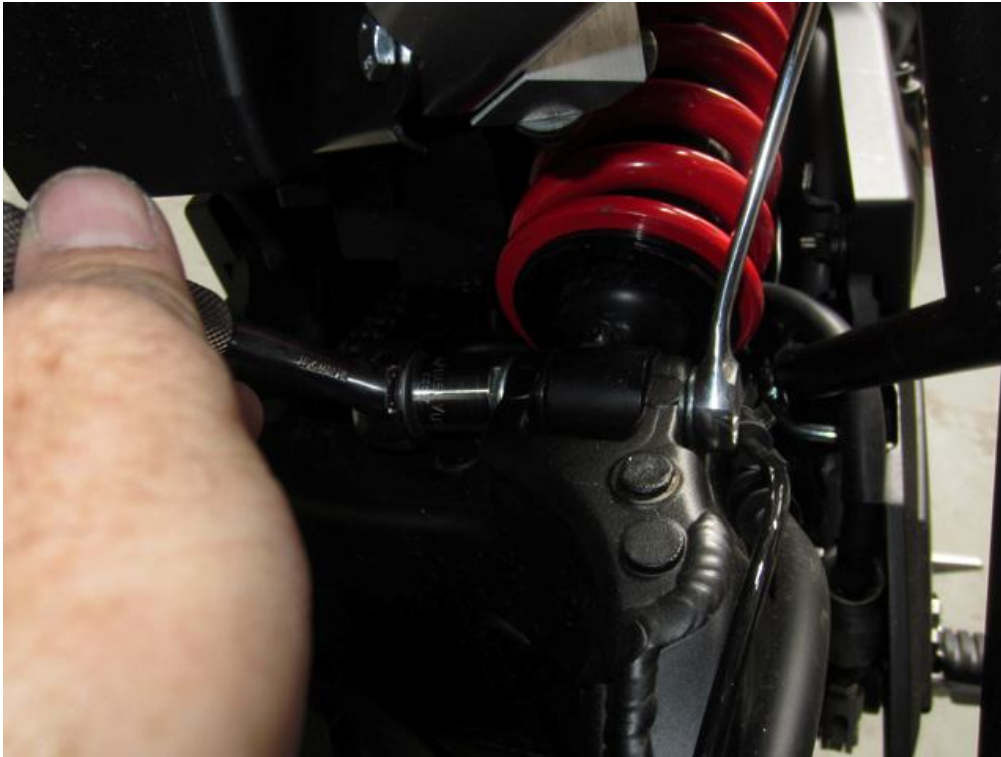


The preload adjuster has now been relocated – you should be able to barely fit a finger between it and the bottom of the seat.



3. Steps for installing the lowering kit

3A. Loosen up the main bolt with a 17 mm open wrench and the locknut with a 17 mm socket wrench, as shown



3B. Now, preload the jack to neutralize the shock pressure on the bolt and pull the bolt out.

3C. Install the lowering kit to the swingarm with the M12 bolt provided, by sliding the bolt from the outside, through the black **spacer** placed inside the swingarm.



3D. Attach the shock absorber to the other hole of the **Main Body** with the original bolt – the top bolt will go only **from the inside out**



Remove the jack.

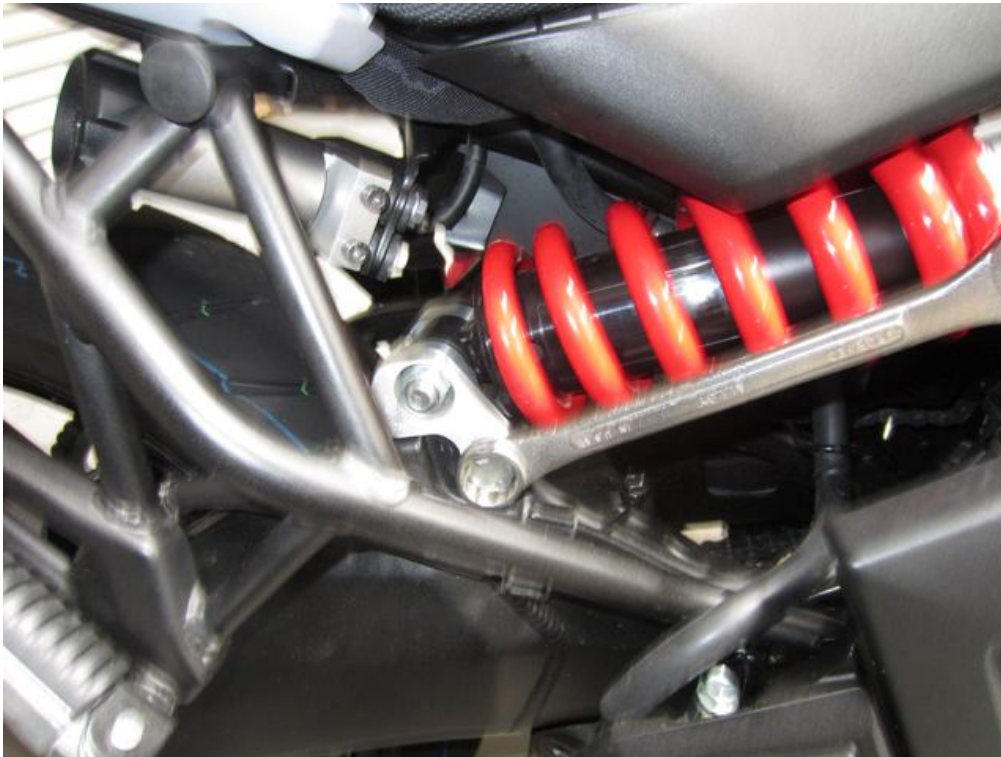
3E. **Use your hand** to screw the provided **M12 washer** and the **M12 nylon locknut** to the **bottom bolt**.

Then, screw the **original locknut** to the **top bolt by hand**.

3F. After tightening both bolts by hand, now use

- **for the bottom bolt**, a 19 mm open wrench and a 19 mm socket wrench or torque wrench – preferably with extension – has to be tightened really hard.
- **for the top bolt**, use two 17 mm socket wrenches.

Tighten the two bolts as hard as you can, or if you have a torque wrench then tighten them at 59 N/m (6.0 kgf/m) (44 ft/lb).



3F. Now, adjust your chain to proper setting, so that the slack of the chain is between 1.0" and 1.4" (between 25.40 mm and 35.56 mm).

Next, we recommend that you shorten the kickstand and afterwards lower the front suspension.

Instructions for both can be found at www.motowerk.com