

Silvio Cruzbike – Front Suspension Adjustment using the KindShock Pump

The Silvio front suspension is adjusted by pressurizing the front shockabsorber with air using the KindShock pump, supplied with the bike. The pump attaches to the Schrader valve on the rear of the fork bridge immediately below the steering housing and the rubber boot on the shockabsorber.



The operation of the Schrader valve may be observed in Wikipedia.

[Schrader valve details \(Wikipedia\)](#)

The most important point about the KindShock pump is that the end that attaches to the Schrader valve has TWO positions:

The FIRST is the one used to attach the pump to the Schrader valve. See Fig.1 This position actually opens the Schrader valve as the centre brass fitting, seen in Fig.2, presses against the valve's centre pin.



Fig.1 Shows black end connector next to crimped fitting.



Fig. 2 Show brass part that opens Schrader valve

The SECOND position allows the Schrader valve to be closed while the pump hose is still attached to the valve body. This is achieved by winding the crimped fitting away from the black metal end fitting so that it looks like Fig.3:



Fig.3 Fitting wound out allows Schrader valve to close.



Fig. 4 Centre brass fitting in retracted position.

Fig. 4 shows the retracted brass fitting. This allows the Schrader valve to be closed while the pump hose is still attached to the schockabsorber.

To pressurize the fork:

Make sure the hose end of the pump looks like the pictures of the hose end in the FIRST position.

Now attach the hose to the Schrader valve body and it should look like this:



Next use the pump to inflate the fork to the desired pressure. The pressure will appear on the gauge (example 150 psi as shown)



Now one has to CLOSE the Schrader valve BEFORE removing the hose. If this step is not carried out, most, if not all the air pressure in the fork will be lost.

To achieve this the hose must be rotated anticlockwise relative to the end fitting until it is moved to the SECOND position. The attached pump should then look something like the next picture. Try to ensure that the black end fitting stays still relative to the Schrader valve, otherwise some of the air pressure may be lost.



Note that there is a section of brass thread now showing, but the end fitting is still attached to the Schrader valve.

If desired, the pressure in the hose may be released now by using the button on the pump directly below the gauge. See below. The button is being pressed by thumb in this case.



The gauge reading should drop to zero after a small "hiss" of escaping air has been heard.

You are now ready to remove the hose from the Schrader valve.

Unwind the end fitting from the Schrader valve by winding the end fitting, and indeed the whole pump, anticlockwise. It should come apart and there should be NO sound of escaping air.



Replace the metal valve cap on the Schrader valve to ensure no dirt or grit gets into the valve.



Also remember to rewind the end fitting on the hose of the pump back to the FIRST position ready for its next use.

Unless there are other problems with the seals of the fork shockabsorber, or the seal in the Schrader valve, the shockabsorber should now be inflated and ready to use.

Note: The maximum pressure for the shockabsorber is 185 psi.

For more information, visit:

<http://www.cruzbike.com/>

<http://www.cruzbike.com/forums/>

<http://sports.groups.yahoo.com/group/Cruzbike/>