

DT SWISS

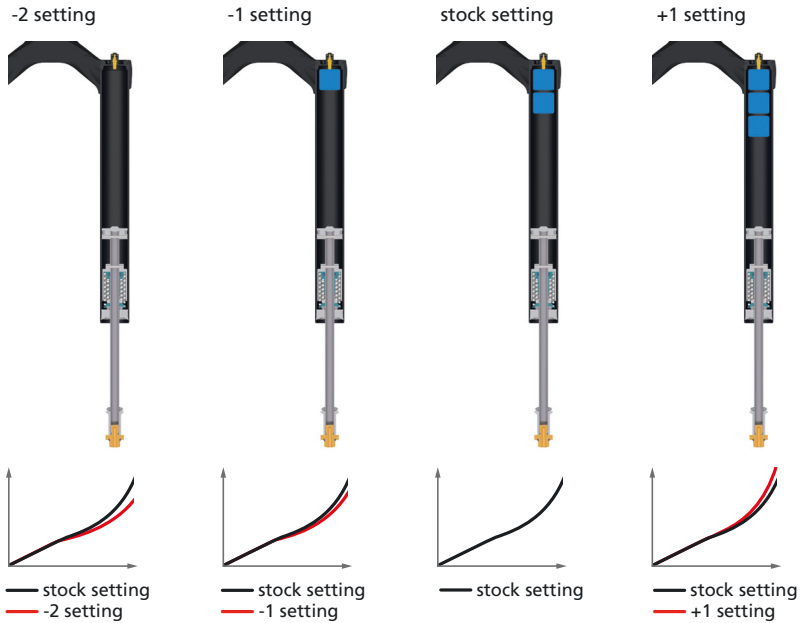
APT Volume Spacer Kit

User Manual

V2015.10

APT (Adaptable Progression Tune)

The APT system offers the possibility to change the progression of the spring curve by easily adding or removing one or more volume spacers to/from the air chamber of your fork.



The **-2 setting** offers a comfortable and linear spring curve and suits the light rider and comfort seekers.

The **-1 setting** offers a rather comfortable and rather linear spring curve and suits the average rider seeking a softer riding feel.

The **stock setting** offers a supportive, rather progressive spring curve and suits the sporty rider seeking support.

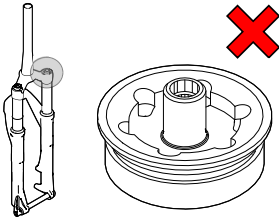
The **+1 setting** offers a very supportive and progressive spring curve and suits the aggressive rider seeking a very direct riding feel.



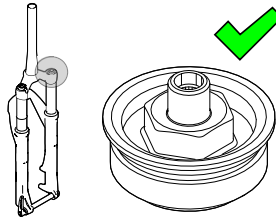
NOTICE

The APT system only fits with forks with a hexagonal air chamber cap!

non hexagonal air chamber cap



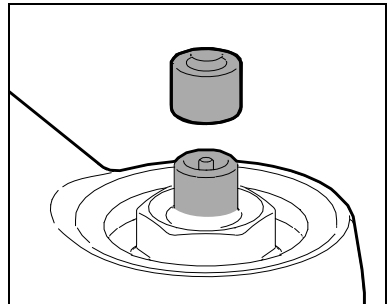
hexagonal air chamber cap



1 Deflating the Fork

Preparatory Steps: Clean the area of the air chamber cap.

1. Unscrew the valve cap.

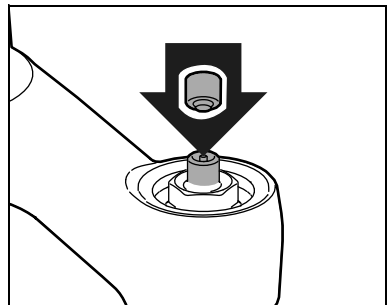


DANGER

Risk of injury due to high air pressure!

→The valve must face away from your face while releasing the air!

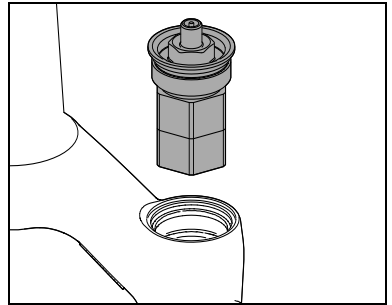
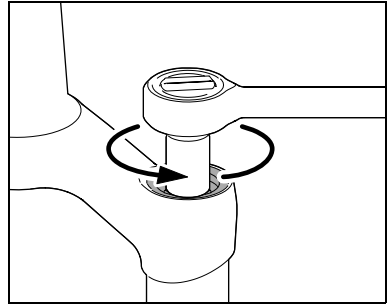
2. Push in the valve insert carefully using the backside of the valve cap and slowly release the air.



2 Opening the Air Chamber

Required Material: 15 mm socket wrench

1. Ensure, the valve cap is removed and the air is released.
2. Unscrew the air chamber cap using a 15 mm socket wrench.
3. Remove the air chamber cap. Ensure that no dirt gets into the air chamber.



3 Adding / Removing Volume Spacer(s)



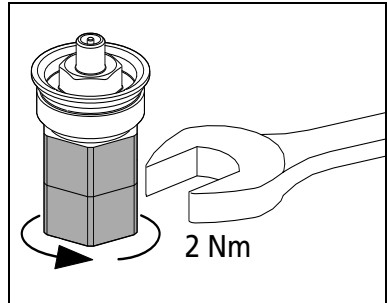
NOTICE

If more than three volume spacers are installed, the fork cannot compress fully and the spring unit will get damaged!

→ Never install more than three volume spacers!

Required Material: 25 mm wrench

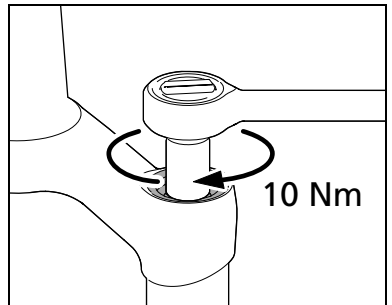
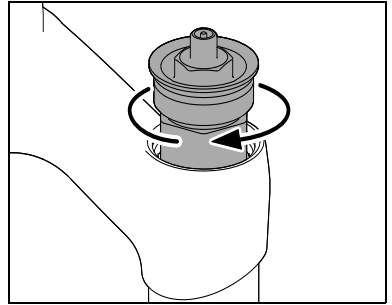
1. Add or remove volume spacer(s) using a 25 mm wrench.
The maximum amount of volume spacers is three!
2. Tighten the volume spacer(s) with a torque of 2 Nm using a 25 mm wrench.



4 Closing the Air Chamber

Required Material: Torque wrench with 15 mm socket

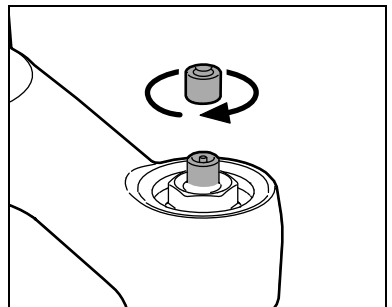
1. Clean the thread of the air chamber cap and the thread of the air chamber.
2. Slightly grease the thread and the O-ring of the air chamber cap.
3. Screw the air chamber cap onto the air chamber by hand.
4. Tighten the air chamber cap with a torque of 10 Nm using a torque wrench with a 15 mm socket.



5 Inflating the Fork

Required Material: DT Swiss shock pump

1. Inflate the fork.
The air pressure should be set to your personal preferences and to the correct SAG (see Technical Manual at www.dtswiss.com).
2. Screw on the air chamber cap.



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