

INSTALLATION INSTRUCTIONS FOX 36 EVOL LT



FOX 36 FLOAT EVOL Factory and Elite Series for 160-180 mm travel (2018, all wheel sizes)

The FOX 36 AWK is not compatible with TALAS forks!

Tools needed

- 32 mm socket
- Torque wrench
- 24 mm spanner
- Clean rag
- Slick Honey grease, r.s.p. Slick Kick or similar
- Shock pump

Please read these instructions carefully!
In case of doubt do not install the AWK unit.
Improper installation may cause malfunction, resulting in serious injury or death!
Modifying the AWK unit may cause system failure, resulting in serious injury or death!
Wear safety glasses and protective gloves during installation and maintenance!

Service and Maintenance	Each Ride	Every 10 hours	After 150 hours/annually*
Clean exterior with mild soap and water	x		
Inspect for visual damage and function	x		
Check the main chamber and AWK chamber pressure		x	
AWK internal service. Must be performed by an authorized Chickadeehill service center**			x

* Whichever comes first ** www.chickadeehill.de



STEP 1

Be sure to depressurize your Float Air chamber first.

Remove the original Float Air topcap as described in the Fox Racing Shox manual.



STEP 2

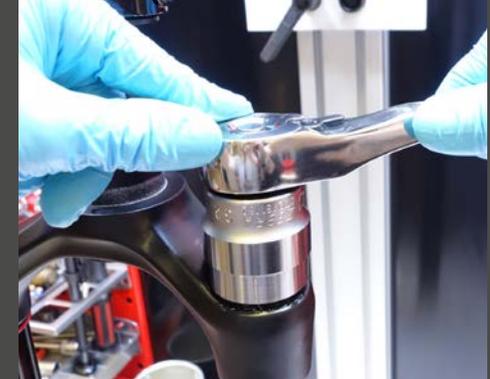
Remove both air valve caps from the AWK unit top cap.

Apply Slick Honey grease, r.s.p. SlickKick or similar to the AWK top cap seal and thread.



STEP 3

Carefully push the AWK unit into the crown to the beginning of the threads. Turn the unit 2-3 rev. by hand. Be careful not to strip the threads of your topcap and/or crown.



STEP 4

Use a torque wrench with a 32 mm socket to tighten the top cap to 25 Nm.

Advice: A thin piece of plastic bag between socket and AWK protects the black anodized surface. Make sure the outside edge of your socket doesn't damage the fork crown.



STEP 5

Before you pressurize the fork you can adjust the orientation of the blue anodised valve head (clockwise only!), use a 24 mm spanner.

Note: Due to higher construction height a collision check between frame and AWK is required!

Note: Do not change the valve head orientation when main air chamber is pressurized. This could cause damage to the AWK unit.



STEP 6

Pressurize the AWK chamber (marked) according to the pressure chart below.

- 60-70 kg -> 88-117 psi
- 70-80 kg -> 113-135 psi
- 80-90 kg -> 125-146 psi
- 90-100 kg -> 139-162 psi

Note: Do not exceed 165 psi when main air chamber is unpressurized. This could result in damage to the AWK unit.



STEP 7

Pressurize the main air chamber (the unlabeled valve) according to the pressure chart below.

- 60-70 kg -> 44-56 psi
- 70-80 kg -> 54-65 psi
- 80-90 kg -> 64-73 psi
- 90-100 kg -> 72-82 psi

Note: A pressure difference between AWK chamber and main air chamber greater than 160 psi is not permitted! Do not exceed 185 psi in the AWK chamber and 105 psi in the main air chamber!



Fine-tuning the main air chamber pressure:

Adjust the SAG to 20-26% to identify the final main air chamber pressure.

Fine-tuning the AWK air chamber pressure:

The best pressure ratio between AWK chamber and main air chamber is:

- 1.85-2.2 for 160 mm travel
- 1.8-2.15 for 170 mm travel
- 1.7-2.1 for 180 mm travel

STEP 8

Install the air valve caps on both valves.

Note: Operation without air valve caps is not allowed!