



WP XPLOR

FA48 Flow Adjuster Kit

INSTALL

KROOZATUNE



Full Kit parts Left to Right

Hydro Stop / Cartridge top

Mid-valve post assembly, Fitted to RHS

Flow adjuster post assembly, fitted to LHS

Base Compression Valves



Strip fork down and lay out cartridge parts.

In Pic:

Rebound / RHS side fork internals are laid out in the top of the pic, Compression / LHS side at bottom

LHS Fork setup / install. All parts fitted to the OEM LHS compression cartridge.



Locate KROOZR parts to install to LHS fork:

Hydro Stop

1 x Base Compression valve (either one, both are the same)

FA Flow adjuster Post assembly



Using our 12mm Shaft clamp, mount the LHS cartridge rod into a vise. We recommend a clean dry rod for best clamping.

*Use contact or parts cleaner to remove slippery oil surface from the oem rod before clamping.



Use gentle action with a small screwdriver or such tool and remove the oem Piston band, gently.

Use a heat gun to warm the assembly and loosen the oem Loctite to ensure an easy undo. Using 21mm Spanner undo the OEM compression assembly from the OEM cartridge rod.



Oem Compression assembly removed and oem piston band

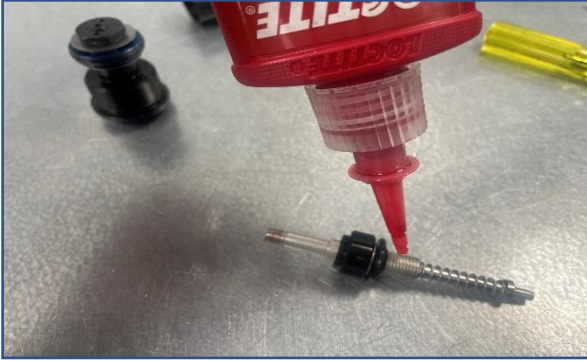


Install Oem piston band to the FA flow adjuster assembly.



Undo the top nut from our FA post assembly and remove all parts taking care to not mix up any part / install order. We simply slip all shims in correct order onto a small screwdriver or zip tie for ease of reassembly.

Right to Left - Nut, washer, rebound shim stack Piston, Comp Mid-valve shim stack, Mid-valve spring, Post



Apply Loctite to the FA Flow Adjuster post.

Shown here with spring and adjuster pin still inserted into it as shipped out.

*Note this pin and spring simply sits into the assembly and can fall out if shaken or such



Ensuring the spring and adjuster pin are still inserted to the FA adjuster post wind into the cartridge rod.

Next using special shape in our clamping blocks, mount into a vise to tighten firm

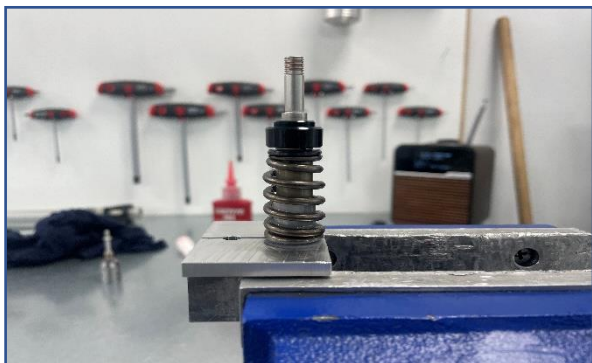


For tightening our post onto the rod using our clamping block you can simply use a 24mm spanner, the OEM spring guide and OEM cap, without sourcing special tools.



With the FA post securely clamped into the vise use the spring guide and cap, tighten and lock them together on the rod.

Now use cap spanner to tighten firmly the FA post onto the cartridge rod as shown.



Mount cartridge rod with the FA post installed back into a vice using our 12mm clamping blocks



Reassemble all parts back onto the post. See specification for exact order if unsure or have mixed up part order.

FYI - The piston faces flat side up / small ports (Rebound side)

The shim face with a recess on the piston installs down towards the compression side shims.



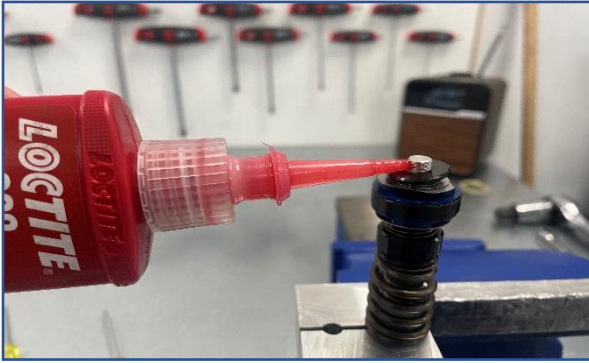
Fit washer and nut gently by hand and check that the lower comp shims float via flicking them down via such tool.

Do not snag these shims in between the post and the piston. This will damage the shims and bend them out of shape. They should float up and down freely on the spring.

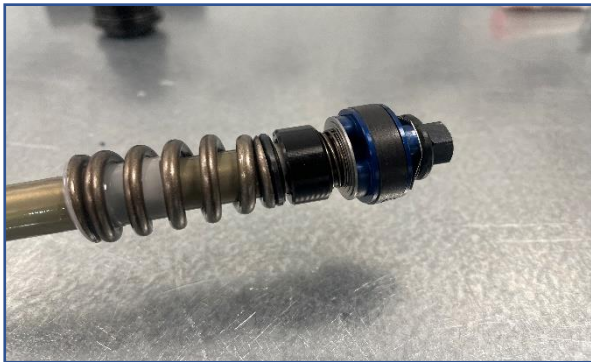


Align all rebound delta shims directly over the piston ports on the rebound face.

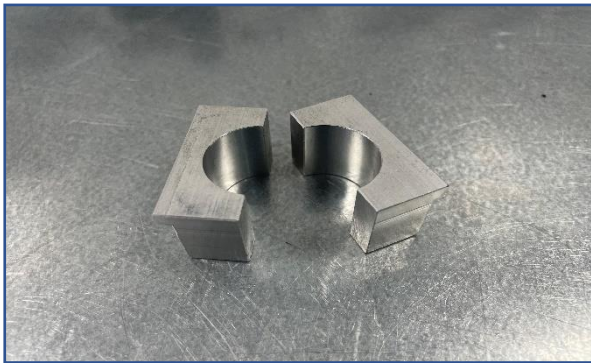
Take care they don't spin when tightening the nut. If so gently hold them with tool as shown in pic to avoid any spin/turn when you tension the nut.



Use Loctite on threads and tension to max 5n or simply nip up gently tight if no torque wrench is available.



Complete fitted FA post onto LHS cartridge rod.



KROOZR cartridge clamp tool



Clamp LHS cartridge in vise as shown. Ensure alloy surfaces of the clamp and cartridge are oil free and dry to allow for a secure clamp.



Heat the OEM Cartridge top Hydro stop.



Once quite hot this will loosen the oem Loctite and allow an easy undo using a 32mm spanner.



Use Loctite and install our KROOZR Hydro stop



Insert rod back into cartridge making sure the oem piston band does not fall off during assembly.



Fit spring seat parts, rebound adjuster rod and wind back on the oem spring guide. This side is ready to install to fork along with our already setup Compression base valve.

RHS Fork Setup / Install. All parts fitted to the RHS rebound side fork internals.



This RHS fork is a lot simpler install. Locate KROOZR Mid-valve post assembly.



Clamp rod in a vise much like we have done before on the LHS.

Using heat gun warm up the oem mid-valve assembly and undo / remove the assembly and adjuster needle and spring.



Insert the oem rebound adjuster needle and spring into our Mid-valve post assembly.



Use Loctite and wind onto the cartridge rod.



Mount in the clamps in a vise. Tighten using the 17mm flats via spanner.



Assemble the rod back into the cartridge and layout ready to install back into the fork outers with our KROOZR compression base valve.



Oem parts no longer required

Fork Oil Level –

Note- Set fully compressed, no springs fitted both outer leg and cartridge bottomed out.

120mm oil height - Most trail setups

110mm oil height – More bottoming resistance to suit fast big jumps or hits