

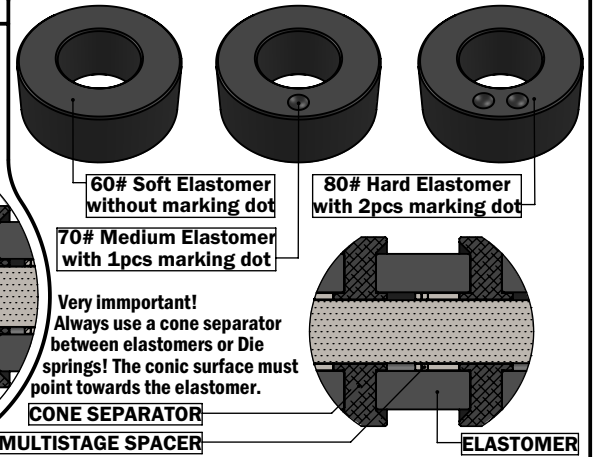
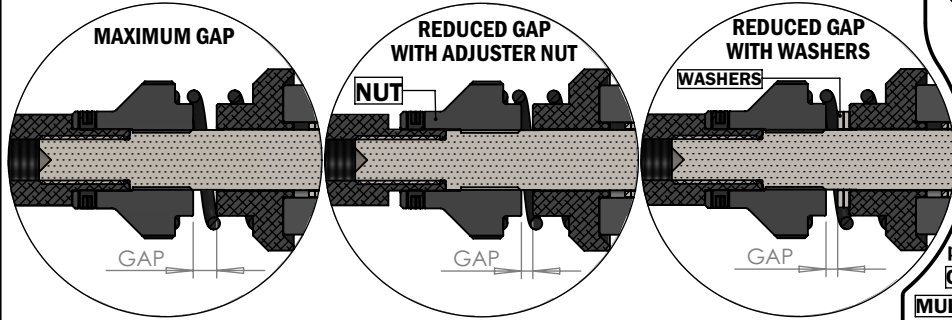
Our MultiStage brake system are fully customisable. The first stage simulates the real brake system Pad-to-Disk gap with a spring. The second stage simulates the flex of brake calipers and brake lines. On the third stage Your Brake pedal stiffens up completely. You can set Your barke to behave progressively, like in a real car, with a defined but soft "stiff up point", or lineary, with a defined and hard "stiff up point". With the MultiStage spacers You can adjust the "stiff up point" in 1mm increment.

The Pad-to-Disk gap can be set by two ways.

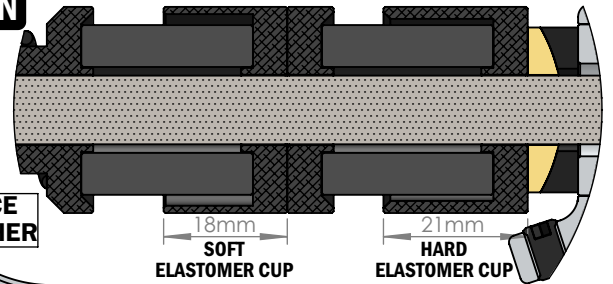
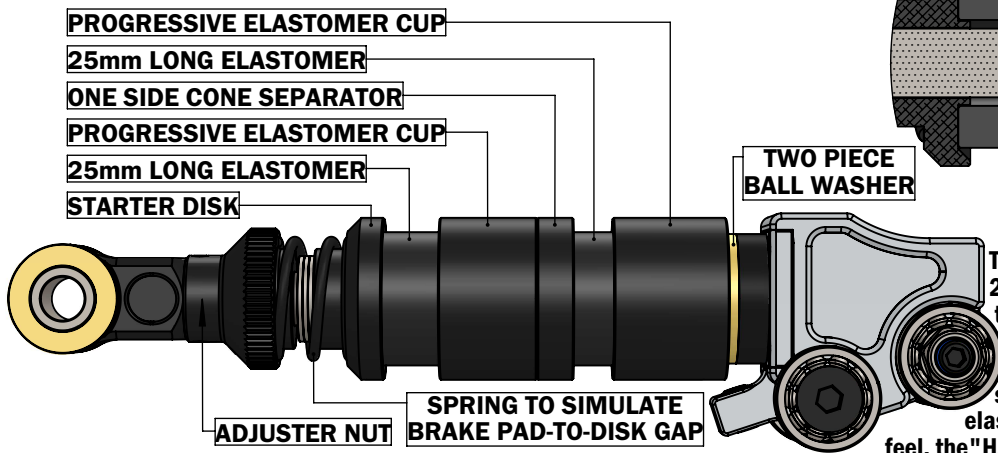
1: Reduce or increase the gap by the adjuster nut. Please note, this method gives preload of the spring too.

2: By adding spacers between the adjuster nut and the first disk of the elastomer pack.

When Your pedal left Our factory, it has the following configuration:
Basic setup: 3pcs washer - Zero preload

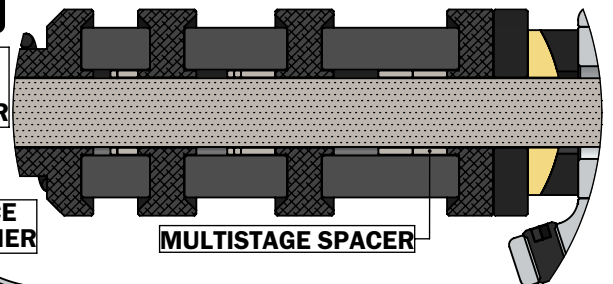
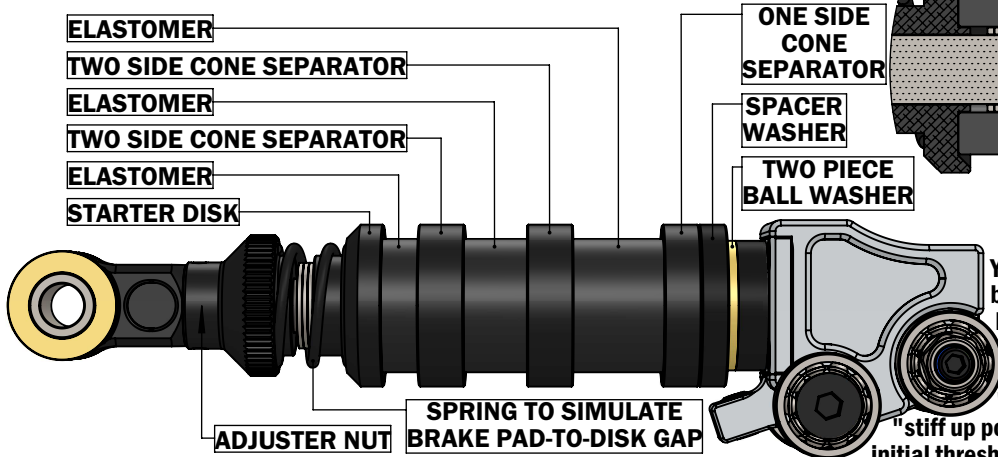


PROGRESSIVE ELASTOMER BASED BRAKE STACK EXPLANATION



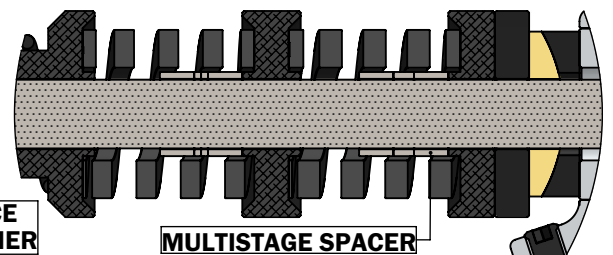
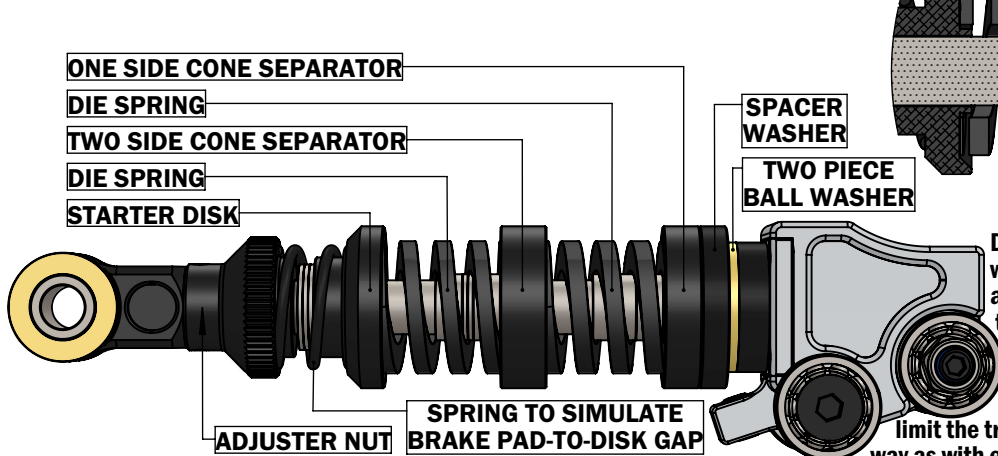
The elastomer cups are only compatible with 25mm length elastomers, never use them without the cups. You can use 1 or 2 in one brake stack, 2pcs elastomer with cups will result longer travel and softer pedal feel, 1pcs gives you shorter travel and harder feel. The use of "Soft" elastomer cup results longer travel but softer pedal feel, the "Hard" cup gives you shorter travel but harder feel.

MULTISTAGE ELASTOMER BASED BRAKE STACK EXPLANATION



You can use 1, 2 or 3 pcs elastomer to set the brake for your liking. More elastomer will give You longer travel. With our unique MultiStage spacers you can set the travel of each elastomer individually, creating an exact defined "stiff up point". With a proper setup, this "stiff up point" will give You an exact indication, where Your initial threshold point is, at the beginning of an barking zone.

MULTISTAGE DIE SPRING BASED BRAKE STACK EXPLANATION



Die Springs feels more "mechanical" while elastomers a bit "spongy". The modulation and repeatability feel easier with Die Springs, trail-braking may be more accurate compared to elastomers. You can use 1 or 2 pcs Die Springs in one brake stack, 1pcs gives shorter, 2pcs a longer travel. With MultiStage spacers you can limit the travel and adjust the "stiff up point" in the same way as with elastomers.