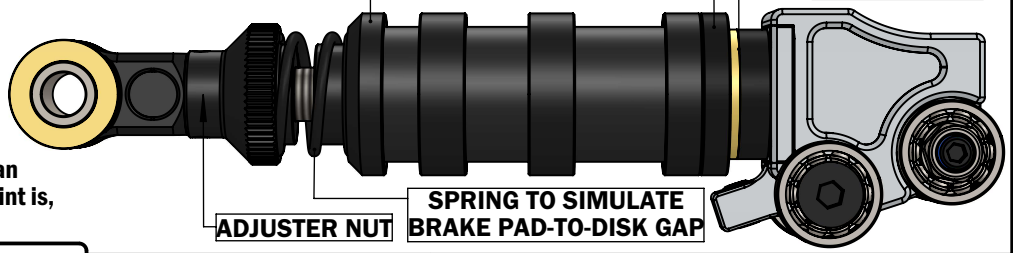


Our MultiStage brake system are fully customisable. The first stage simulates the real brake system Pad-to-Disk gap with a spring. The second stage simulates the flex of brake calipers and brake lines. On the third stage Your Brake pedal stiffens up completely. The force and position of this "stiff up point" (3rd stage) are completely adjustable. With a proper setup, it will give You an exact indication, where Your initial threshold point is, at the beginning of an braking zone.

**ELASTOMER PACK  
STARTER DISK**

**SPACER WASHER**

**TWO PIECE  
BALL WASHER**

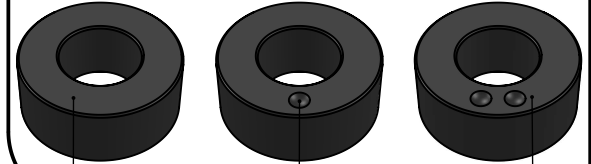
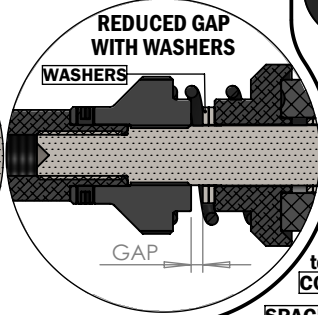
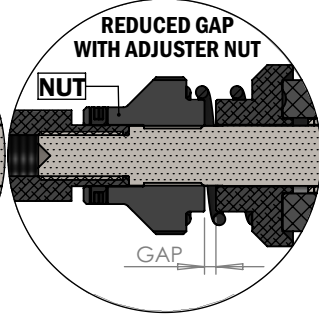
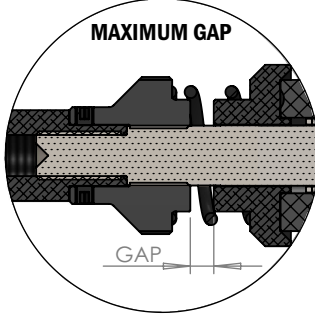


**ADJUSTER NUT**

**SPRING TO SIMULATE  
BRAKE PAD-TO-DISK GAP**

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

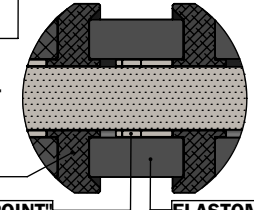


**60# Soft Elastomer without marking dot**

**80# Hard Elastomer with 2pcs marking dot**

**70# Medium Elastomer with 1pcs marking dot**

Very important!  
 Always use a cone separator between elastomers! The conic surface must point towards the elastomer.



**SPACER TO ADJUST "STIFF UP POINT"**

**ELASTOMER**

This guide describe how much percent of Pedal force required, to compress an elastomer until it reach it's "stiff up point". If You use more travel for an elastomers then described in this guide, You have the risk to damage them!!!

**Elastomer Thickness: 10mm  
Elastomer Travel: 1,5mm**

**Spacers Total: 5mm**

20% Force - 60# Soft (without dot)  
 25% Force - 70# Medium (1 dot)  
 40% Force - 80# Hard (2 dot)

**Elastomer Thickness: 10mm  
Elastomer Travel: 2,5mm**

**Spacers Total: 4mm**

45% Force - 60# Soft (without dot)  
 55% Force - 70# Medium (1 dot)  
 75% Force - 80# Hard (2 dot)

**Elastomer Thickness: 15mm  
Elastomer Travel: 1,5mm**

**Spacers Total: 10mm**

4% Force - 60# Soft (without dot)  
 12% Force - 70# Medium (1 dot)  
 18% Force - 80# Hard (2 dot)

**Elastomer Thickness: 15mm  
Elastomer Travel: 2,5mm**

**Spacers Total: 9mm**

13% Force - 60# Soft (without dot)  
 23% Force - 70# Medium (1 dot)  
 33% Force - 80# Hard (2 dot)

**Elastomer Thickness: 15mm  
Elastomer Travel: 3,5mm**

**Spacers Total: 8mm**

23% Force - 60# Soft (without dot)  
 38% Force - 70# Medium (1 dot)  
 56% Force - 80# Hard (2 dot)

**Elastomer Thickness: 15mm  
Elastomer Travel: 4,5mm**

**Spacers Total: 7mm**

35% Force - 60# Soft (without dot)  
 50% Force - 70# Medium (1 dot)  
 68% Force - 80# Hard (2 dot)

**Elastomer Thickness: 20mm  
Elastomer Travel: 1,5mm**

**Spacers Total: 15mm**

2% Force - 60# Soft (without dot)  
 4% Force - 70# Medium (1 dot)  
 12% Force - 80# Hard (2 dot)

**Elastomer Thickness: 20mm  
Elastomer Travel: 2,5mm**

**Spacers Total: 14mm**

5% Force - 60# Soft (without dot)  
 10% Force - 70# Medium (1 dot)  
 24% Force - 80# Hard (2 dot)

**Elastomer Thickness: 20mm  
Elastomer Travel: 3,5mm**

**Spacers Total: 13mm**

12% Force - 60# Soft (without dot)  
 17% Force - 70# Medium (1 dot)  
 36% Force - 80# Hard (2 dot)

**Elastomer Thickness: 20mm  
Elastomer Travel: 4,5mm**

**Spacers Total: 12mm**

19% Force - 60# Soft (without dot)  
 28% Force - 70# Medium (1 dot)  
 49% Force - 80# Hard (2 dot)

**Elastomer Thickness: 20mm  
Elastomer Travel: 5,5mm**

**Spacers Total: 11mm**

23% Force - 60# Soft (without dot)  
 36% Force - 70# Medium (1 dot)  
 62% Force - 80# Hard (2 dot)

**Elastomer Thickness: 20mm  
Elastomer Travel: 6,5mm**

**Spacers Total: 10mm**

27% Force - 60# Soft (without dot)  
 43% Force - 70# Medium (1 dot)  
 68% Force - 80# Hard (2 dot)