

## 6-pot Performance Brake Kit Information Pack and Fitting Instructions



**Please read all the following documentation prior to ordering.**

### What's contained in your package?

The brake comprises the following and is suitable for wheels of 15" diameter and above:

- One pair of grooved and slotted 286mm x 26mm rotors
- One pair lightweight aluminium centre hats
- One pair 6-pot callipers available in a range of colours
- One pair of calliper mounting brackets
- One pair of stainless steel brake hoses
- One pack (4 pieces) of high performance sport brake pads (race pads are an option)
- One fitting kit and full instruction booklet

---

### Which models of smart will this kit fit?

We have fitted this kit to our smart **Roadster**.

If you are planning to purchase the kit for a smart **fortwo**, note we have checked with XYZ Racing and fitting is identical to that for the Roadster.

## What's involved in fitting this kit?

If you are experienced in carrying out reasonably large DIY tasks on your car, there should be no issue fitting this kit yourself. Note that thesmartclub advocates that as this is a braking system and, therefore, a critical component in your car's overall safety package, you should carefully follow the instructions or have an experienced technician assist or carry out the work on your behalf.

On the following pages, we have included XYZ's full (generic) fitting instructions that come with the kit. We have included these in this information pack to help you understand the nature of the task and the steps involved. Please note that the pages are straight from the original installation manual and thesmartclub has had no input into these generic instructions.

However, in addition to these formal instructions, thesmartclub would advise you of the following minor tweaks we had to make during installation:

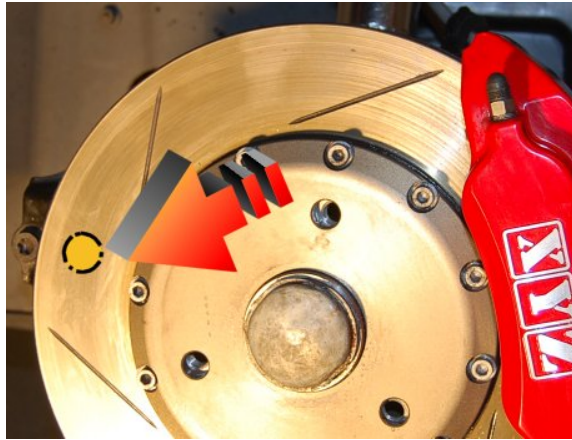
- The small protective plate (pictured below) will require to be removed to enable the disc to be fitted. It's worth checking, on a regular basis, that there is no build up of mud and grit around the ABS toothed wheel post fitment of the kit



- We did not use the brake hose mounting brackets supplied as the suggested replacement bracket supplied with the kit meant the hose was too close to our suspension strut – as such, we retained the use of the existing hose mounting bracket (see below)



- There is a hex bolt on each side of the car holding the back-plate. We found that the end of this bolt was possibly too close to the back of the new disc assembly and we removed around 1mm from the end of this bolt.



- Pictures below are the original parts that were removed from each side of the Roadster:



### What size of spacers are required?

Our Roadster is fitted with Brabus Monoblock VI wheels and we fitted 25mm spacers front and rear. 20mm would have been 'just' possible for clearance but again, we wished a certain degree of tolerance on the wheel/brake setup.

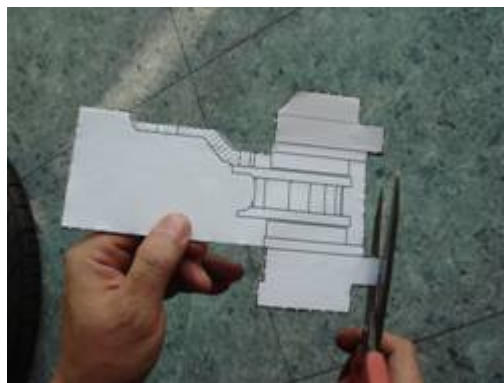
The good news is that XYZ provide a template (included within this document) that you can use on your own existing wheels and this will determine the width of spacer you will require on each wheel. Note that the template refers to a 2007 onwards fortwo but the template is applicable to all smart models.

### To use the Template:

Stick the drawing to a stiff piece of paper and check if size on the drawing is the same as original measurements shown.



Cut the drawing along the dashed line



Please put the template inside the wheel (as shown below – note that these are generic XYZ Racing images and not those of a smart wheel)



Edge of calliper

Check if the edge of the calliper touches the rim. XYZ recommend minimum clearance to be 2mm between the calliper and the wheel.

