


## 650GS Sidestand Pivot Bolt Replacement

The Kiwi Solution by Wpoll

The original thread is at <http://f650.com/forum/showthread.php?31686-CBOA-Day>

<p><b>Start with a replacement bolt</b></p> <p>Basically a STD 10x1.5 mm Metric countersunk Hex bolt</p>	<p>Bolt Length: 50mm          Bolt Diameter 10mm          Thread Pitch 1.5mm          Threaded Length: 28mm          Head Diameter: 19.8mm          Head Angle: 92 Degrees          Hex Key A/F: 6mm          Seating Torque: 47 Nm</p>	
	<p>Turn the bolt down to 45mm, take the length from the threaded end</p> <p>Turn down the last 18 mm of thread down to 6mm</p> <p>Put a circlip groove 15mm from the end of the thread</p> <p><b>Note</b>          The circlip is further from the end than the STD pivot bolt which ensures improved circlip retention than the STD pivot bolt</p>	
<p><b>Fabricate a new pivot bush</b></p>	<p>Material – 660 bearing bronze          Outside Dimension 16mm          Inside Dimension 10mm          Length 12mm</p>	
<p>The outside diameter of the bush can be tailored to the precise dimensions of the individual side stand</p>		
<p><b>Notes</b></p> <p>The operation of the side stand pivot is that the retaining bush is intended to be tensioned to turn with the stand and the outer surface of the bush has a a lubrication groove in the centre for grease so it rotates freely in the pivot mount hole. There is a lubricating hole in the rear of the side stand mount to spray lubricating fluid into the groove in the bush. Chain lube is one suggestion for lubricating the bush.</p>		
	<p><b>Side Stand Switch Retainers</b></p> <p>The washer to secure the switch is on the left. IDxOD=6x16mm</p> <p>The circlip is on the right, ID 6mm</p>	