



BRITISH CUSTOMS

# Street Twin Flat Gauge Mounting Bracket

## & Billet Headlight Ears

### BC509-006 & BC504-003



#### Parts Needed:

- 2 BC Billet Headlight Ears
- BC Flat Gauge Mounting Bracket
- Supplied and stock hardware

#### Weekend Project Category:

- Lighting

#### Fits The Following Motorcycles:

- Triumph Street Twin

#### Difficulty:



#### Tools Required:

- 3mm, 5mm, 6mm Allen wrench
- T20, T25, T40 wrench
- 38mm socket wrench
- 11/32 drill bit & power drill
- M10-1.5 flat tap

**Time Required:** 1 hour

**WARNING:** Laws concerning this product vary from state/province to state/province. Your state/province may prohibit its use on public roads or restrict its use to novelty, show use, off-road areas, or race facility areas only. In some states/provinces off-road uses are also prohibited. The manufacturer and retailer assume no responsibility for any use or application of this product in violation of any applicable law. Before installing this product, please check your state/province and

**WARNING:** It is recommended that this kit be installed by a certified Triumph technician, following the Triumph service manual to aid in proper fitting. Verify all torque specs in Triumph service manual.

## Other Items We Think You May Like



Bar End Mirrors



Direct Mount Reservoir



Four Bolt Risers



Retro Turn Signals



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### Step 1:

First, you must remove your handlebar and handlebar risers. If you're unsure how to remove any of those parts, please refer to the guides on our site's Resource Center: <http://www.british-customs.com/resource-center>



### Step 2:

Lift the front of the headlight out, and note where the tab hooks connect.



### Step 3:

Use a T20 to remove screws inside of headlight bucket to unplug the ignition. Disconnect the ignition from the harness.



### Step 4:

Pull ignition wires out the back of the headlight bucket.



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### **Step 5:**

Use a T40 wrench to unscrew the headlight bucket from the headlight ears.



### **Step 6:**

Clip the cable tie holding the wires to the ignition switch.



### **Step 7:**

Use a 6mm Allen wrench to loosen bolts holding triple clamp to forks.



### **Step 8:**

Use a 38mm socket wrench to remove triple tree nut.

**Pro Tip:** Cover your triple tree nut with painter's tape to protect it from getting scratched during removal.





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## Step 9:

Place jack under bike to stabilize it if you haven't done so already.



## Step 10:

Use a mallet to remove the triple tree clamp.



## Step 11:

Flip your triple tree clamp over. Remove rubber covers from roll pins.



## Step 12:

Use a vice grip to remove the roll pins. Remove them by clamping down and closing the gap.



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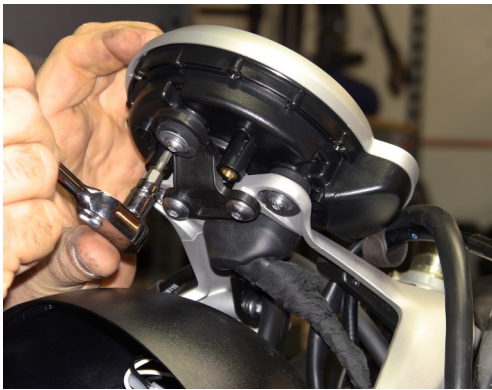
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### **Step 13:**

To begin removing the speedometer, use an 3mm Allen wrench to remove the screws on the bottom of the speedometer bucket.



### **Step 14:**

Use a T20 wrench to remove the three T20 screws on the bottom of the speedometer bracket.



### **Step 15:**

Lift speedometer off bracket. Pull rubber boot back and unplug speedometer.



### **Step 16:**

Pull speedometer off.



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## Step 17:

Use an 11/32 drillbit (8.8mm) to enlarge the size of the pin hole. Tap the pin holes with an M10-1.5 flat tap. Do not make the hole deeper, only wider. Be sure to use tap lubricant when tapping. Use a bottom tap to thread the hole for the bolt in order to install the flat gauge bracket.



## Step 18:

Make sure the hole is clean of debris. Apply Loctite to bolts and install flat gauge bracket into newly tapped holes, mounting the Flat Gauge Bracket to the triple tree clamp. Make sure the bolts are snug, but do not overtighten.



## Step 19:

To remove headlight bracket, first move control cables out of the way.



## Step 20:

Use a T25 to remove screws on bottom of lower triple clamp securing headlight bracket to forks.





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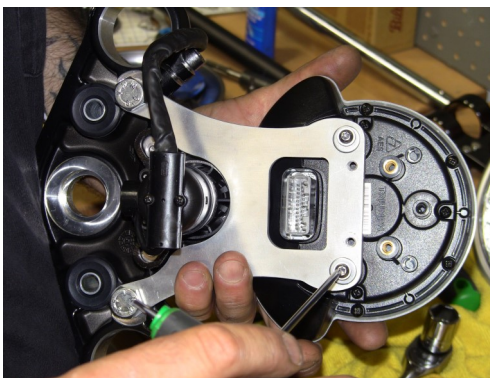
### Step 21:

Pull headlight bracket off of mounts.



### Step 22:

Use an 5mm Allen to remove speedometer bracket from headlight bracket.



### Step 23:

Use a T20 to mount speedometer to flat gauge bracket.



### Step 24:

Mount speedometer bracket to flat gauge bracket



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### **Step 25:**

Loosen screws on BC Billet Headlight Ears with a 4mm Allen wrench.



### **Step 26:**

Slide BC Billet Headlight Ears onto front forks.



### **Step 27:**

Place triple tree clamp on forks.



### **Step 28:**

Reconnect speedometer.





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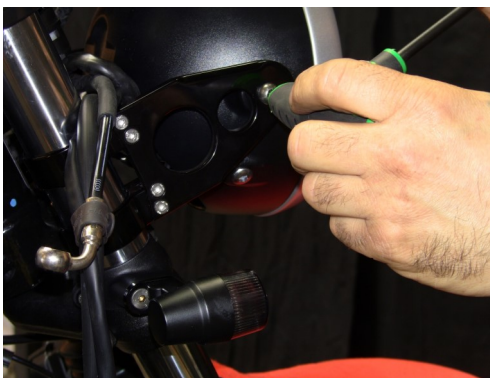
### Step 29:

Use a 38mm socket wrench to tighten triple tree nut. Use a torque wrench and ensure that it is tightened to Triumph's torque specifications.



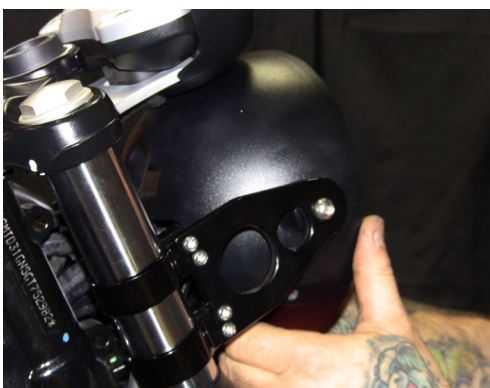
### Step 30:

Use a 6mm Allen wrench to secure triple tree clamps to forks. Use a torque wrench and ensure that they are tightened to Triumph's torque specifications.



### Step 31:

Use a T40 wrench to secure headlight to headlight ears.



### Step 32:

Position headlight underneath gauge bracket to desired location. Tighten headlight ears to secure them in place with a 4mm Allen wrench.



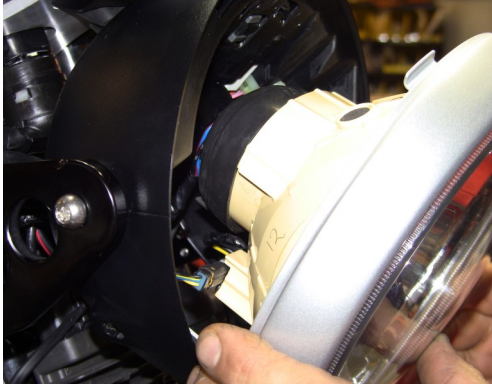
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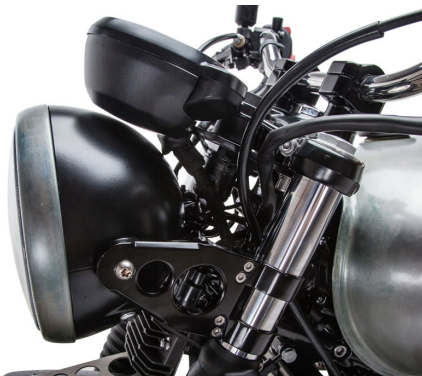
### **Step 33:**

Reconnect ignition wire harness and place headlight into headlight bucket. Click into place.



### **Step 34:**

Use a 5mm Allen wrench to tighten screws on bottom of headlight bucket.



### **End:**

Congratulations, you have just successfully installed your Street Twin Flat Gauge Mounting Bracket & Billet Headlight Ears!

If you have questions about how to reinstall your handlebars or handlebar risers, please refer to the guides on our site's Resource Center!