

BMW G450X FRONT TANK FITTING INSTRUCTIONS

IMPORTANT!

Pre-fitting Instructions for Safari Fuel Tanks

1. Rinse tank out with a small amount of petrol and then discard the petrol. This needs to be done to remove any plastic trimmings that may be left in the tank after manufacturing.
2. Before attaching the screws and bolts to the brass inserts, insure that an anti-seize compound – grease will do – is applied to the threads. Do not use thread retaining compounds. If there is a risk of the screws and bolts working loose, use lock wire to secure them – mainly for endurance competition events
3. Recommendation: As with all fuel injection systems clean fuel is a must for continued trouble free operation, therefore always ensure all parts are clear before re-assembly

MOUNTING MATERIALS

| | | | | | |
|---|-----------------------------------|---|------------------------------|---|-----------------------------|
| 4 | 12 x 6mm hex bolts | 6 | Fuel hose clamps | 2 | Long tank mounts |
| 2 | M8x20mm button head socket screw | 1 | T piece | 2 | M8x50mm button socket screw |
| 4 | M8x25mm button head socket screw | 1 | Filler cap and breather hose | 8 | M8 silver washer |
| 4 | SOC CAP Electro Zinc M6 x 30 | 1 | Fuel line | 4 | M8 spring lock washer |
| 8 | M6x16mm counter sunk socket screw | 4 | Tank mounts | 2 | Spacer |
| 2 | Fuel taps with O-rings | 2 | Tank bar clamps | | |

FITTING INSTRUCTIONS



Preparation

1. Remove the shrouds, the left hand side cover and the seat
2. Remove the front sub frame bolts on both sides of the bike see **Photo 1**
3. Add the 2 safari tank mounts to each side of the tank and align as per **Photo 2**



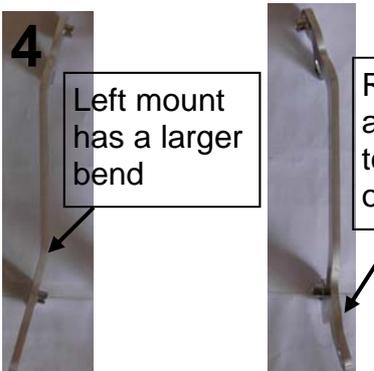
Safari Tank Mounts

4. Loosely fit the Safari Tank bar clamps around the frame and position as shown **Photo 3**
5. *Note: The left and right long tank mounts are different see **Photo 4***
Loosely fit the Safari Tank mounts to the front of the sub frame where the bolts were removed in step 2. using the supplied bolt (M8x50mm) and spacer. Bolt the lower end of it to the bar clamp **Photo 5**



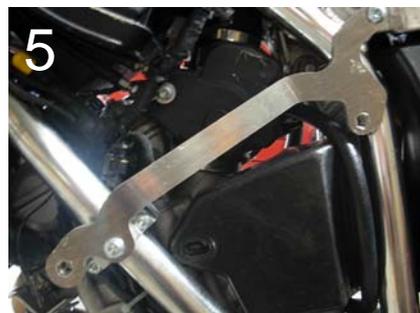
Fuel Lines

6. Remove the sub frame cross brace and disconnect the main tank breather hose and leave it in the original position **Photo 6**



Left mount has a larger bend

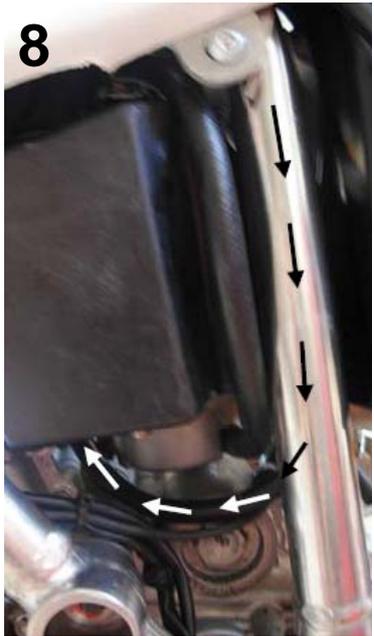
Right mount has a smaller bend towards the end of bracket





- Using the longest piece of fuel line supplied connect it to the main tank breather outlet and position alongside the main tank breather hose

Photo 7

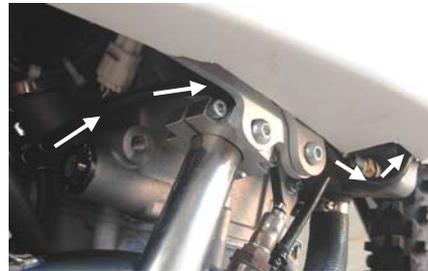


- Route this fuel line behind the main frame tube and then under the main tank next to the fuel pump **Photo 8**

- Refit the left hand side cover

- Install the shorter fuel line on the T piece through from the left hand side of the bike between the fuel tank and engine and position the T piece as shown **Photo 10**

- Route the fuel lines over the Safari Tank bar clamps between the frame and the mounts



RIGHT SIDE OF BIKE



LEFT SIDE OF BIKE

- Fit the Safari Tank and loosely bolt it to the mounts

- Position the Safari Tank square on the bike and tighten all of the mounts

- Connect the fuel line to the taps

- Refit the sub frame cross brace and the seat

- Check that all of the fittings and hoses are secure and that the fuel line runs neatly and does not protrude. Put a small amount of fuel in the tank and check for leaks.



Tank Removal

When removing the tank for servicing only the 2 bolt shown need to be removed on each side **Photo 10**