

HUSABERG REAR 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

MOUNTING MATERIALS

2	Front mounts (L & R)	2	Fuel pipe fitting with plate	Only needed if the Safari front tank is NOT fitted
1	Rear long mount	2	Gaskets	
2	Rear mounts (L & R)	1	T piece	1 Fuel tap block
4	M6x12mm button head socket screw		Fuel hose clamps	1 Fuel tap
2	M8x16mm button head socket screw	1	Filler cap	1 Drilled bolt
4	M6x16mm counter sunk socket screw	1	Fuel line	1 O ring

FITTING INSTRUCTIONS

Removing & reinstalling the original fuel tank - If a Safari front tank is already fitted start at step 14

1. Remove the seat and tank side covers
2. Disconnect the fuel pump wiring and fuel lines at the dry brake **Photo 1**
3. Remove the air filter and cover the opening with a cloth to prevent dirt from entering the throttle body
4. Remove the rear and front sub-frame bolts **Photo 2**
5. Remove the front tank retaining bolt, remove the fuel tank/sub-frame assembly
6. Drain the fuel tank and remove the fuel pump housing **Photo 3** (photo shows fuel block mounted)

Fuel Tap Block

7. Cut out the template at the end of these instructions and use it to drill the fuel pump housing. Drill progressively from 3mm to 9mm. **Accurate hole placement is IMPORTANT**
8. Using a long 5mm allen key fit the supplied drilled bolt down through the fuel pump
9. Fit the supplied O-ring over the bolt on the outer side of the fuel pump housing
10. Fit fuel tap block, tighten and position as per **Photo 3**
11. Refit the fuel pump housing ensuring the self tapping screws follow the original threads
12. Fit the fuel tap ensuring the O-ring is correctly seated (refer to photo 3 for fuel tap positioning)



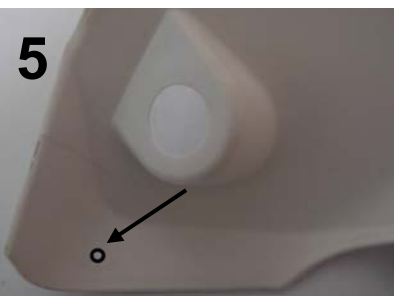


Now is a good time to check the seal on the fuel tap and block. Ensure the tap is turned off and add a small amount of fuel. Looking up past the rear shock will allow you to see and check the tap and block.

13. Refit the main tank ensuring the air cleaner seal is correctly seated

Preparation

The rear guard/side cover needs to be cut to give clearance for the tank on the left side



14. To do this mark the side cover along the line of the light grey plastic sub frame assembly as shown in **Photo 4**

15. Remove the rear guard/side cover and cut along the line marked

16. Drill a 3mm hole in the right side of the cover as shown in **Photo 5** feed the cable tie through from the inside and loosely fasten leaving enough loop for the fuel line to feed through



17. Refit the rear guard/side cover **Photo 6**

18. Remove the rear shock guard and drill two 3mms hole about halfway between the raised section **Photo 7**



19. Feed a cable tie through the lower hole from the shock side, loop it around and feed it back through the top hole, loosely fasten the cable tie leaving enough loop for the fuel line to feed through DO NOT REFIT

Safari Tank Mounts

20. Remove the rear sub frame bolts **Photo 8**

21. Remove the front sub frame bolt on the left and right side keep the bolts for use in step 23 **Photo 9**

22. Fit the front Safari rear tank mounts with bolts and spacers **Photo 10**

23. Fit the rear Safari tank mounts using the longer bolts removed in step 21 **Note:** the wiring must be positioned over the rear tank mount and bolts must be greased to prevent binding **Photo 8**



24. Fit the rear safari tank mounts to the tank as shown **Photo 11**

25. Fit the safari tank from the rear of the bike downwards sliding it on at 45°

26. Loosely bolt all mounts to the tank

27. Position the tank square on the bike and tighten all mounts





Fuel Lines - If a Safari front tank is NOT fitted go to step 29

28. Only if a Safari front tank is fitted cut the 31.5cm fuel line into 2 pieces 21cm and 10.5cm and connect the T piece as shown in line configuration at the bottom of the page
29. Feed the fuel line to the right tap through the cable tie in the shock guard and refit the shock guard DO NOT FASTEN THE CABLE TIE
30. Continue feeding the fuel line through the right side cover cable tie to the fuel tap and connect **Photo 12**
31. Route the fuel line away from the exhaust and shock then fasten the cable ties
32. Only if a Safari front tank is fitted Cut 140mm off the supply line from the front safari tank. Retain the cut portion, if the rear tank is removed it will need to be reconnected to the front tank fuel line with the straight joiner supplied with the front tank
33. Connect the fuel line as shown and check the positioning **Photo 13**
34. 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.

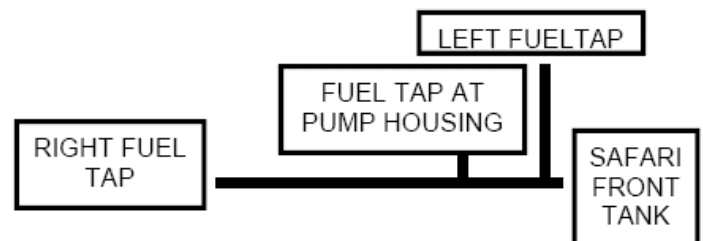
**FUEL PUMP HOUSING
DRILING TEMPLATE**

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PILOT DRILL 3MM

Fuel Line Configuration

If Safari Front Tank is fitted



If no Safari Fuel Tank is fitted

