

# HUSQVARNA TR650

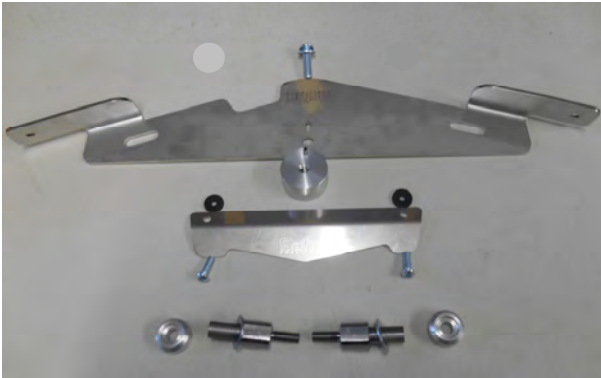
## **IMPORTANT!**

### Pre-fitting Instructions for Safari Fuel Tanks

1. Rinse the tank's 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. Position the fuel line so that it runs neatly and does not protrude or kink. Check for leaks.

## FITTING INSTRUCTIONS

1. Ensure you have all parts for the installation.



- 1 x Bottom cross brace
- 1 x M8 x 30mm bolt and washer
- 1 x Round aluminium locating nut
- 1 x Top cross brace
- 2 x M6 x 16mm bolts with rubber washers
- 2 x Bolt standoff's
- 2 x Recessed washers
- 2 x 12mm washers

Fig 1.

2. Remove the seat, left and right top shrouds.



Fig. 2

3. Install the bottom cross brace.
  - a. Place the round aluminium locating nut on the frame in front of the engine below the radiator with the lock pin facing forward. Ref Fig 3.
  - b. Assemble the bottom cross brace to the lock nut, ensuring the lock pin is positioned in the associated slot on the cross brace (Fig 4).

**DO NOT TIGHTEN BOLT.**



Fig 3.



Fig 4

**Important. Ensure that the clutch cable moves freely when turning the handle bars from lock to lock.**

4. Install the fuel tap block and fuel line assembly. You may need to disconnect the fuel line from the tap block assembly to route the fuel line from the cross brace to the fuel block assembly. Ref Fig 5, 6 & 7.
5. To attach the tap block assembly to the engine, remove the standard M6 bolt from the engine case and replace with the M6 bolt and spacer supplied in the tap block assembly (Fig 5 & 6).



Fig 5



Fig 6



Fig 7

6. Connection of the fuel line to the original fuel tank.
  - a. Empty your fuel tank (or close to empty).
  - b. Measure and mark location, A= 25mm; B=20mm (ref Fig 8.) to be drilled.
  - c. Carefully drill a pilot hole (1/8" or 3mm).

**To minimise the risk of debris falling into the fuel tank, always drill slowly ensuring that the waste from the drill bit is a continuous spiral, once the drill bit has reached the inside of the tank, stop the drill immediately and withdraw it. This will minimise the risk of plastic waste entering the inside of the tank.**

**Do not allow the drill bit to protrude into the tank by more than 20mm otherwise you could damage the EFI pump/ fuel filter.**

- d. Repeat the same with a 1/2" drill bit (**must be 1/2" drill bit**).
- e. Remove the rubber bush for the fuel line assembly and press into the 1/2" hole.
- f. Route the fuel line correctly (re Fig 7.) and press the fuel line elbow into the rubber bush.

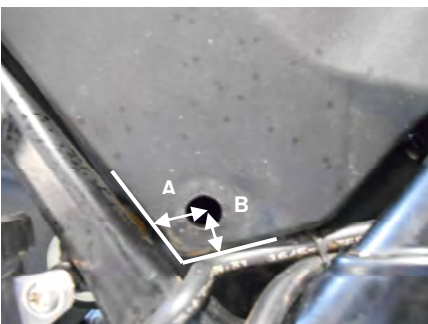


Fig 8

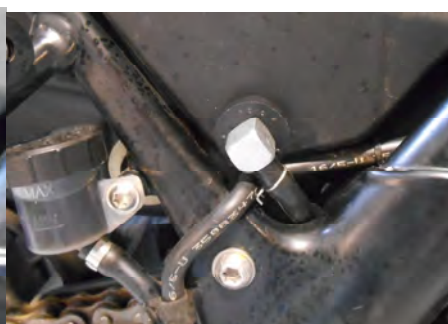


Fig 9

7. Install one side of the tank set by removing the M8 bolt from the frame and install the standoff bolt using the M8 washer removed previously as well as using the washer supplied. Ref Fig



Fig 10



Fig 11

8. Place one of the tanks on the motorcycle and attach loosely by using:
- 1 x M8 Torx bolt (removed previously from motorcycle) through the tank using the recessed washer (Fig 12).
  - 1 x M6 hex bolt and washers (2 x rubber, 1 x metal) from the bottom cross brace (Fig 13). The rubber washers attach to each side of the cross brace.
  - M5 Torx bolt (removed previously from motorcycle) to attach the front shroud (Fig 14).



Fig 12

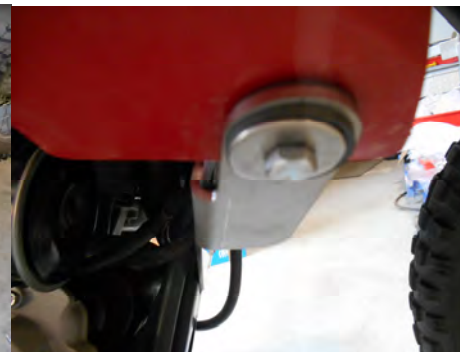


Fig 13



Fig 14

9. Repeat for the tank on the other side
10. Attach the top cross brace using the M6 bolts and rubber washers (washer is position between the cross brace and the tank).



Fig 15

11. Tighten all mounting bolts.
12. Ensure all fuel lines are connected correctly before adding fuel to the tanks. Check for any fuel leaks.

*Enjoy the new adventures with your new Safari tank!*

