

## HONDA XR650R

### 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. Position the fuel line so that it runs neatly and does not protrude or kink. Position the fuel line clamps and check for leaks.

#### Fitting Instructions

- 1) Drain the fuel from the standard tank, then remove the seat, standard tank and radiator shrouds.
- 2) Remove the two tank mounts from the stock tank.
- 3) Remove the seat locator screw from the back of the stock tank.
- 4) Remove the two 6x12mm bolts that are holding the alloy spacer plates to your new tank, and use them to secure the captive nuts at the bottom of both radiators – the nuts that secured the stock radiator shrouds to the radiators.
- 5) Fit the original tank mounts to the new tank, using the alloy spacer plates supplied with the tank to step the mounts away from the tank.
- 6) Fit the original seat locator screw to the new tank.
- 7) Remove the crossbrace from the new tank.
- 8) Note the fuel hose positions – the long hose leads to the left tap, the short hose to the right tap, and the mid-length hose runs to the carb. Now remove the hoses from the tank and fit the mid-length one to the carb using the large hose clamp provided.
- 9) Fit the supplied foam strips to the radiator side channels, so that they provide a buffer between the new tank and the radiators. Clean off the channels first, then peel the backing tape from the foam strips and press them in place.
- 10) Manoeuvre the new tank into place. Do not force.

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## HONDA XR650R CONTINUED

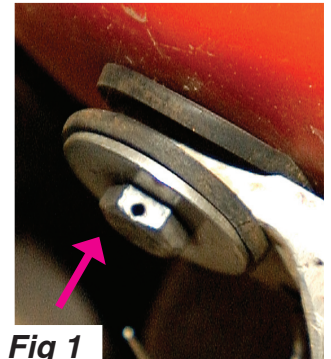
11) To refit the original mounting bolts to the front mounts, you will need a swivel head extension bar and a 10mm socket to reach through the tank vent holes. It may be easier to put the left hand bolt in first, as your hand will reach up under the tank to place the right hand bolt. You may have to push down on the tank a little to compress the foam and allow the bolts to line up.

12) Refit the fuel lines and clamps.

13) Refit the rubber strap to the rear of the tank.

14) Place the crossbrace against the front frame member. It is a snug fit, so you may need to give it a gentle tap with a hammer to seat it. The tank may need forward pressure to line up the tank's crossbrace bolt holes with the crossbrace itself.

15) Fit the crossbrace with the washers fitted in the order shown in Fig 1 – steel washer, rubber washer, crossbrace, rubber washer, then bolt it to the tank.



**Fig 1**

16) Check that all the fittings and hoses are secure, then put a small amount of fuel in the tank and **CHECK THE ENTIRE SYSTEM FOR LEAKS!**

### **NOTES:**

Typical range with the Safari tank is between 350 and 420km, but this may vary according the riding style and track conditions.

Most of the fuel held in the lower front chambers of the tank splashes back over to the tap area, although approximately 300ml may be left.

Some XR650Rs spill fuel out the carb bowl overflow tube. both when being ridden and trailered. To check if this is the case with yours, hold the front brake on and shake the bike back and forward for a minute or two, then check if any fuel has escaped from the overflow tube – near the swingarm pivot. If it has, the float level needs to be lowered just a little. If in doubt get a mechanic to do this.