

KTM 790 10L Rear Tank Set (DRAFT)

Pre-fitting Instructions for Safari Fuel Tanks

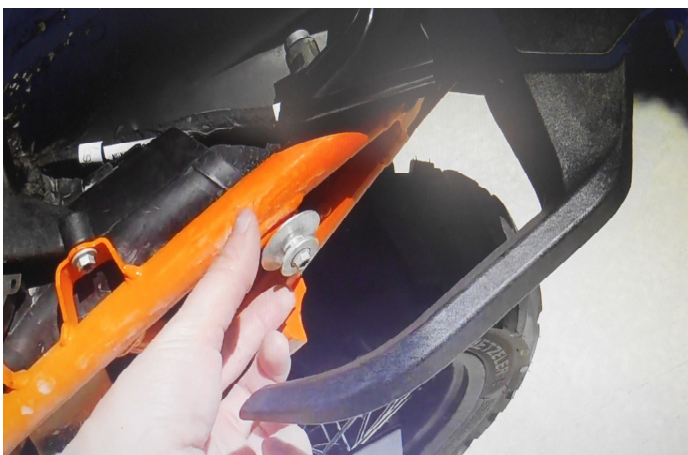
1. Rinse tank out with a small amount of petrol and then discard the petrol. This needs to be done to remove any plastic trimmings that may be left in the tank after manufacturing.
2. Before attaching the screws and bolts to the brass inserts, insure that an anti-seize compound – grease will do – is applied to the threads.
3. **Do not use thread locking compounds.** If there is a risk of the screws and bolts working loose, use lock wire to secure them – mainly for endurance competition events
4. Position the fuel line so that it runs neatly and does not protrude or kink. Position the fuel line clamps and check for leaks.

Parts List

- 1 x Button Fuel tap (each side)
- 2 x M6 x 12 Hex Screw (each side)
- 1 x Breather Line (6mm) assembly: 40cm, 40cm, 185cm & 6mm T connector
- 1 x Fuel line assembly (6mm): 19cm, 40cm, 48cm, 6 x spring hose clamps & 2 x 6mm T connector.
- 2 x 12mm Hose clamps (HC3) for the front fuel line connection to the OEM tanks.
- 6 x M6 40mm Button Soc Screw
- 6 x Recessed washer
- 4 x M6 Captive Nut

Installing the rear tanks

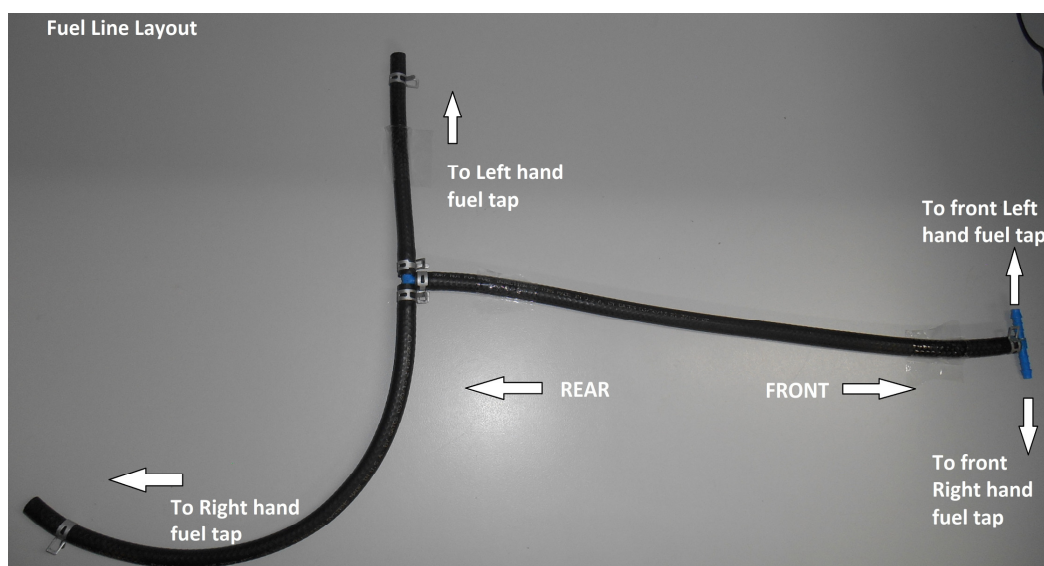
1. Remove the seat and rear shrouds, left hand side EFI pump cover and battery cover. (refer to YouTube video 'HOW TO REMOVE KTM 790 PLASTICS IN 10 MINUTES')
2. Remove the plastic shroud mount from the left hand (LH) side.



3. Install 2 captive nuts in locations 2 & 3 on the LH side (right hand side shown in photo) ready to install the tank.



4. Using the above sequence, install LH tank with the 3 off M6 x 40mm screws and recessed washers. Repeat for the RH side.
5. Install the fuel line assembly.

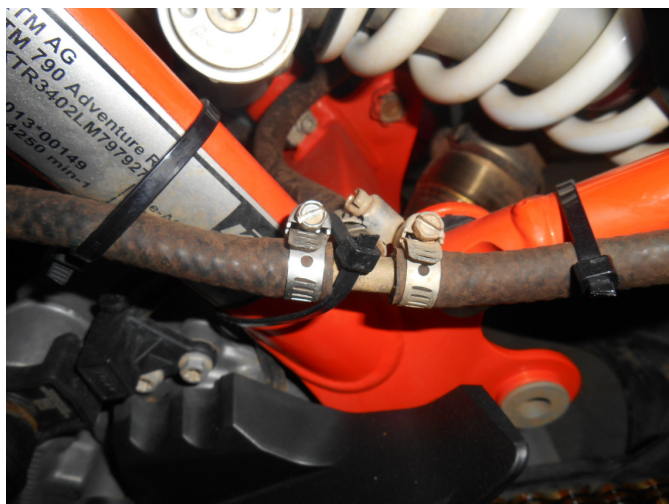


- Turn the fuel taps off on the 2 front (OEM) fuel tanks.
- Cut the fuel line that joins the LH and RH fuel taps on the front (OEM) tanks, near the LH fuel tap to allow the rear tanks to be connected into the main fuel system.

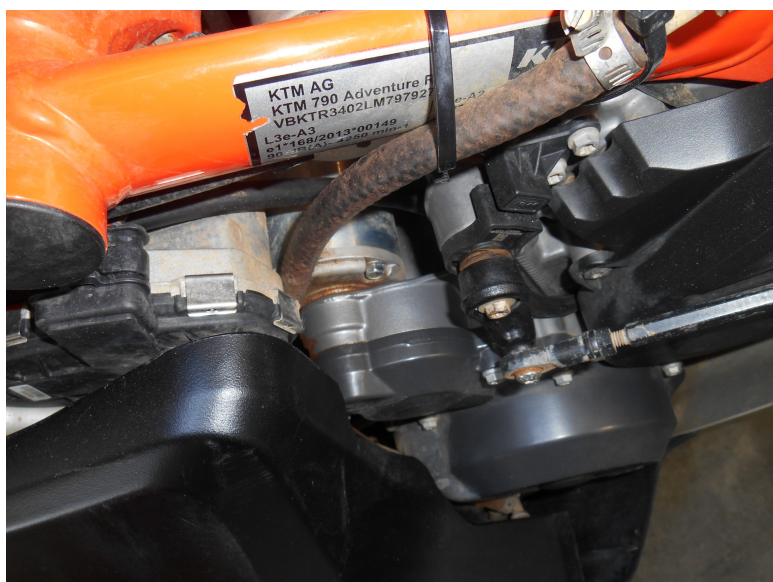
(The following shows the 'T' connector and fuel line from the rear Safari tanks connected to the front tanks fuel system).



- Connect the LH & RH fuel lines to the rear Safari tanks with the 'T' connector on the LH side near the rear suspension shock absorber and cable tie in place.



- Route the fuel line to the front LH tank (OEM tank) and cable tie in place.



- Connect the fuel line from the rear Safari tanks to the cut fuel line near the front LH OEM fuel tank, using the 'T' connector and hose clamps.
- Cable tie the fuel line in place.



6. Install the Safari fuel tanks breather line from the rear fuel caps to the front of the motorcycle.

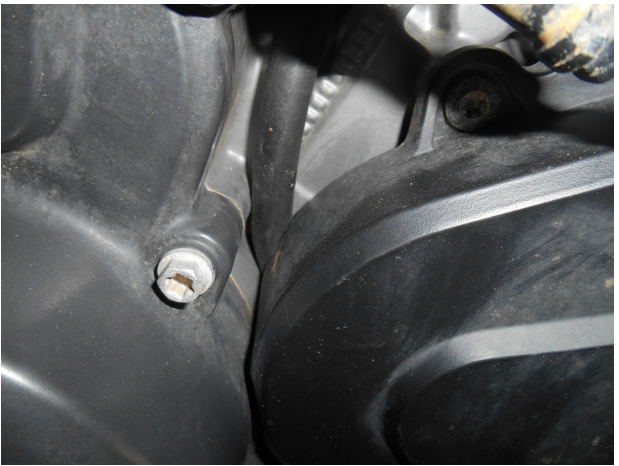
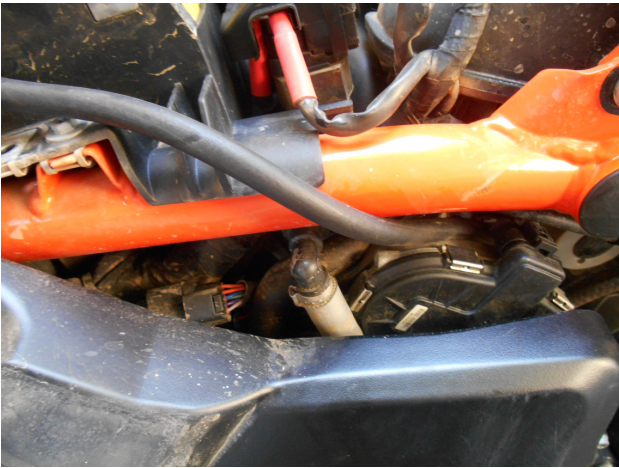
- Route the breather lines under the luggage/pillion grip bracket to each fuel tank fuel cap.



- Route the longer length of breather line along the inner RH side of the motorcycle frame to the battery location.



- Loop the breather line as indicated and cable tie in place and route down beside the battery to the rear of the LH crank cover.



7. Check for fuel leaks before taking the motorcycle for a test ride.