

KTM 2019 690 ENDURO 18L

IMPORTANT!

Pre-fitting Instructions for Safari Fuel Tanks

1. These instructions assume that the installer is familiar with removing and installing the OEM fuel tank that comes standard with this motorcycle. These instructions will highlight the unique steps to install the Safari tank. Please read the complete instruction before starting to install the fuel tank.
2. 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.
3. Before attaching the screws and bolts to the brass inserts, ensure 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.

Parts listing

- | | |
|--|--|
| <input type="checkbox"/> 1 x Fuel Adapter | <input type="checkbox"/> 1 x Bottom RH Bracket |
| <input type="checkbox"/> 4 x M5x30 Socket screws | <input type="checkbox"/> 1 x M6 x 20 Hex |
| <input type="checkbox"/> 1 x Large O-ring (Adapter) | <input type="checkbox"/> 1 x M6 x 16 Button Socket |
| <input type="checkbox"/> 1 x Fuel block asm | <input type="checkbox"/> 2 x 13mm Washer |
| <input type="checkbox"/> Fuel Line:1 x 33cm,1 x 23cm, 1 x 32cm,1 x 48cm, | <input type="checkbox"/> 1 x Spacer 10mm x 8mm |
| <input type="checkbox"/> 8 x Wire Hose clamps | <input type="checkbox"/> 1 x Bottom LH Bracket |
| <input type="checkbox"/> 1 x T piece | <input type="checkbox"/> 1 x M6 x 20 Hex |
| <input type="checkbox"/> 1 x Standoff bolt RH | <input type="checkbox"/> 1 x M6 x 16 Button Socket |
| <input type="checkbox"/> 1 x M6 x 12 But Soc | <input type="checkbox"/> 2 x 13mm Washer |
| <input type="checkbox"/> 1 x 25mm Washer | <input type="checkbox"/> 1 x Spacer 10mm x 8mm |
| <input type="checkbox"/> 1 x 30mm Washer | <input type="checkbox"/> 1 x Top Bracket |
| <input type="checkbox"/> 1 x Standoff bolt LH | <input type="checkbox"/> 2 x M6 x 16 But Soc |
| <input type="checkbox"/> 1 x M6 x 12 But Soc | <input type="checkbox"/> 2 x 13mm Washer |
| <input type="checkbox"/> 1 x 25mm Washer | <input type="checkbox"/> 2 x Recessed Washer |
| <input type="checkbox"/> 1 x 30mm Washer | <input type="checkbox"/> 2 x M6 x 35 But Soc |
| | <input type="checkbox"/> 2 x Plastic spacer (OD – 10mm x Length -15mm) |

Illustration of the key parts



Installing the tank set

1. Remove the seat, shrouds, bottom bash guard, tool box holder and empty fuel from the sub-frame fuel tank.
2. Remove the fuel pump located forward of the rear wheel (in front of the small mud flap), by removing the mud flap, the four bolts and lower the pump assembly (fuel will leak) sufficiently to allow access to the 2 upper tabs to release fuel pump.



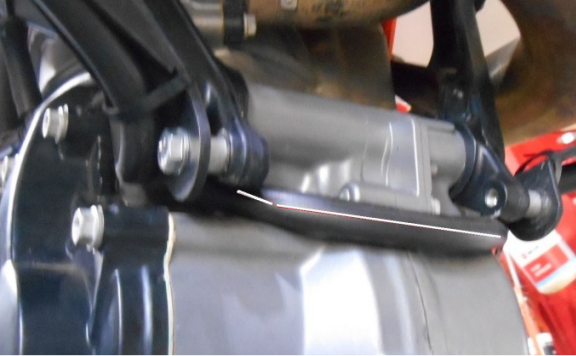
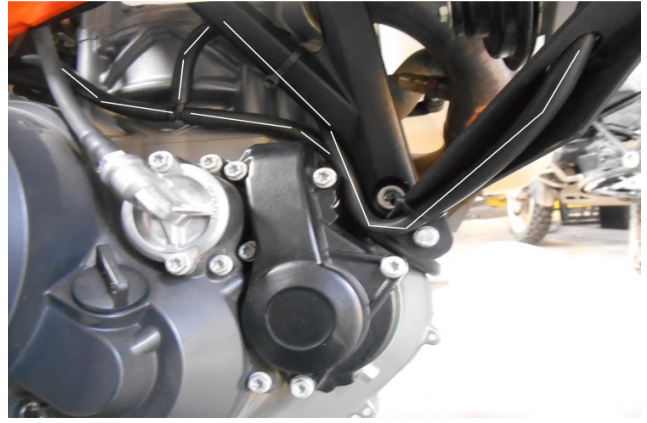
2. Remove the black fuel pump holder.
3. Mark and drill @ 6mm hole in the base of the fuel pump holder, central to the 4 holes (for mounting the fuel pump holder), corresponding to the fuel line connector elbow in the Fuel Adapter assembly.



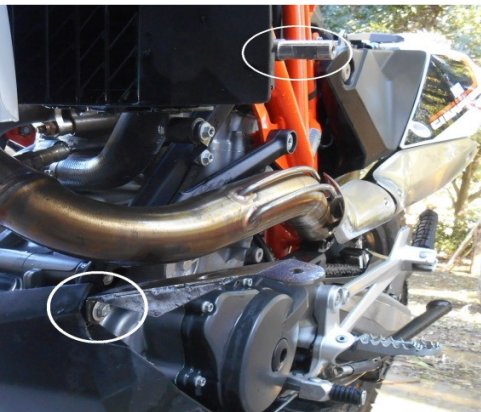
4. Clean the holder and reinstall with the Fuel Adapter attached to the bottom of the holder by using the supplied 4 x M5 x 30mm socket screws.

Note: Fuel outlet on adaptor exits on RH side

5. Remove the rear brake reservoir mounting bolt and mount the fuel tap block assembly. Connect fuel hose and clamps.
6. Route the fuel line similar to the photos below. Routing will be from fuel taps (LH & RH sides) through the bottom mounting brackets to the 'T' section and then to the tap block onto the fuel adapter assembly. Ensure the fuel lines do not kink.



7. Install the tank mounting brackets (LH & RH bracket, top bracket and both standoff bolts) with the associate bolts and washers.



8. Install the top bracket.

9. Install Left Hand and Right Hand tanks onto the mounting brackets with the associated mounting bolts and washers.

The following is the installation sequence for both the left hand (LH) and right hand (RH) tanks.

1. Install the tank onto the central stand-off bolt,
2. install top bracket mounting
3. install the bottom mount bracket
4. install the recessed washer and bolt at the rear of tank.

Note the rear of the tank may need some sideway pressure to install the recessed washer and bolt.

Ensure all bolts are loose and only tighten bolts when all are installed and then tension all bolts.



10. Connect fuel lines to the fuel taps on the tanks and check for fuel leaks.