



## Installation guide for KTM 1050/1190/1290

Thank you for your Camel Tank purchase.

Installation of this fuel tank should take approximately one hour. Installation should only be attempted by qualified persons. On top basic hand tools you will need medium strength thread lock compound and an M8x1.25 thread tap. Prior to beginning this install you must remove your front body panels and factory fuel tank.

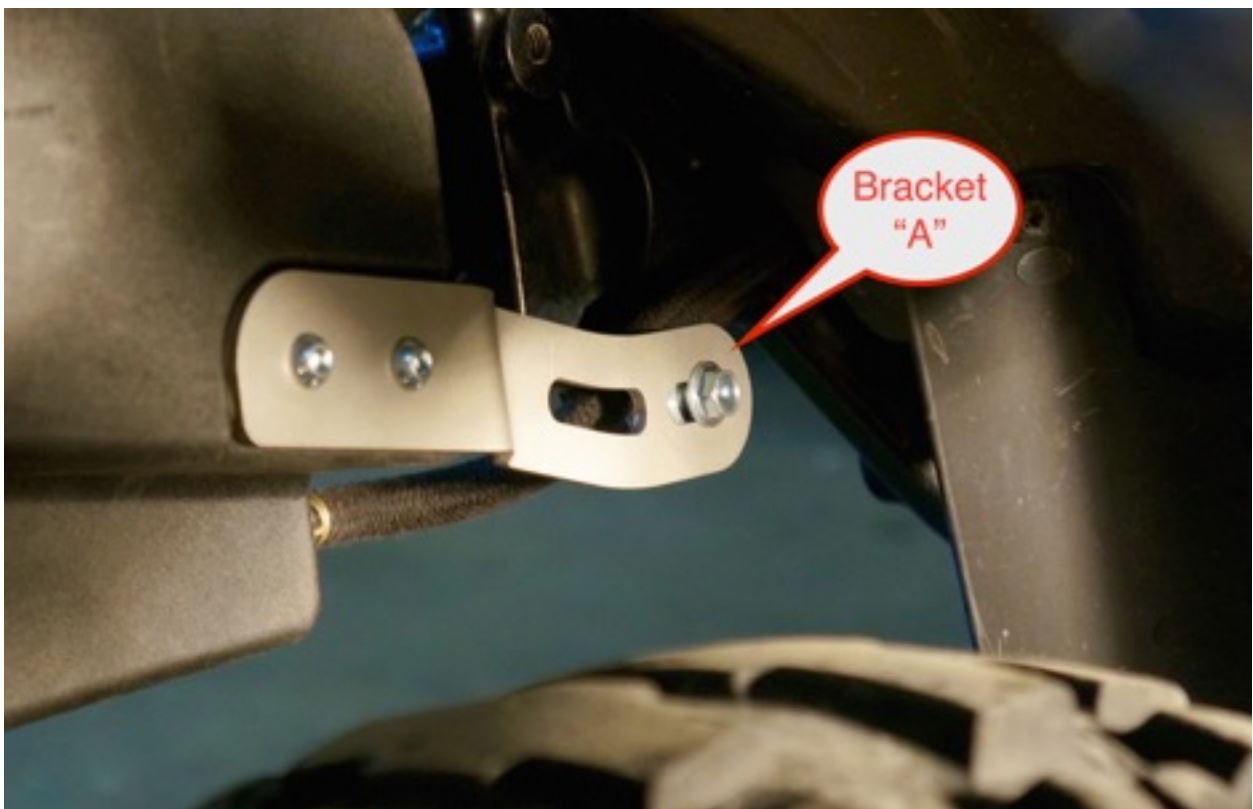
Step 1, prep the tank.

- Install stainless washer and Nitrile sealing washer on ORB fitting then install assembly into the embedded brass fitting in the front of the fuel tank. There is a 45 degree bevel on one side of the stainless washer, this bevel mates with the o-ring on the ORB fitting. Tighten until the Nitrile washer expands to approximately 1/16" outside of the stainless washer. **DO NOT OVER TIGHTEN!**
- Attach bracket "A" and "B" to tank using supplied M6x10 button head bolts, apply thread lock to bolts first.



Step 2:

- Remove factory KTM pannier mounts if applicable.
- Clean old thread locking compound from pannier mounting holes
- Attach tank to the subframe location #2 using supplied M8x25 hex head bolt. Apply thread lock to bolt. Insert stainless steel horseshoe shim between bracket "B" and location #2
- Place 12mm thick spacer between the subframe and bracket "A" and attach with M8x25 hex head. Apply thread lock on this bolt.



Step 3, routing the fuel line.

- Attach fuel line to barb installed in Step 1 using supplied hose clamp
- Remove body bolts in red circled locations shown below. Route fuel line behind subframe tubes and secure with zip ties. Reinstall body bolts.
- Route fuel line behind vertical frame supports and secure with zip ties.





- Route fuel line under left side air intake duct and under diagonal frame support, then cross over to the right side. The hose should come out under the right side diagonal support but over the front brake hose hard lines.



- Secure hose to right side diagonal support with a zip tie. Trim all zip ties.
- Check hose length. Once zip tied, the hose should reach the top of the upper handle bar triple clamp. Trim if too long.
- Insert double ended brass splice barb into fuel hose.
- Re-install factory gas tank.

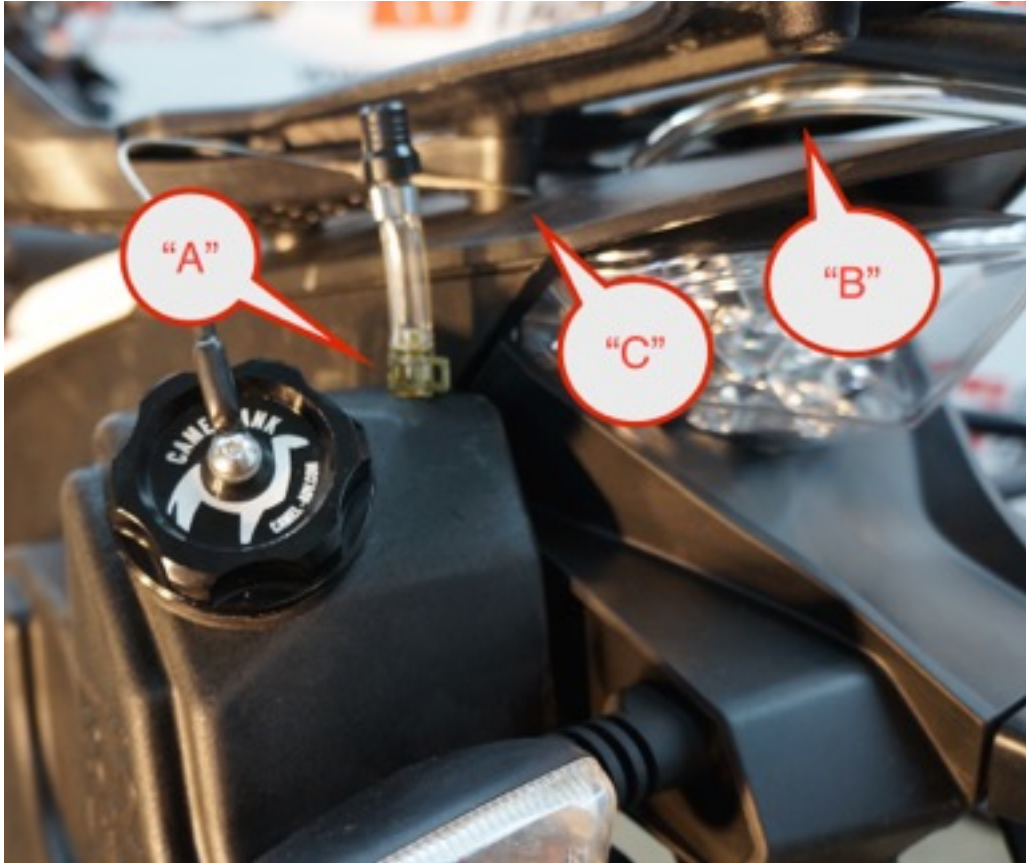


- Cut a piece of your factory vent line (or line to charcoal canister) to approximately 25cm or 10" then attach it to the other end of the brass splice barb you installed in the Camel Tan fuel line.
- Route this hose to the main tank's vent port located on the right hand side of the main tanks filler cap. Arrange to ensure a kink free bend and secure with spring hose clamp.



Step 4a, fuel tank venting, no charcoal canister.

- If your bike doesn't have a charcoal canister, simply attach the supplied MX style vent cap and hose to the Camel Tank's vent fitting. The hose will be very tight on the barb, spraying it with a lubricate will help installing it. Secure with spring hose clamp. Wear safety glasses in this step. See "A" in picture below.



- If you are using our optional tethered fuel cap, "C" below shows the intended location for the cable loop attachment point.



Step 4b, venting with a charcoal canister.

- Remove rear cargo plate and grab handles
- Remove small Torx screws holding rear tail cover on.
- Remove hose from center rear of charcoal canister and install supplied clear vent line. This hose is very tight on this barb, silicon spray or WD40 type lubricant is recommend. Route clear hose under the canister purge solenoid hose (top black hose as shown in pic)



- Cut out supplied drilling template and lay it over the rear tail cover, using a punch or nail, mark the center of the "X". Drill a small pilot hole then enlarge to 14mm or 9/16". A step bit works best for this operation. Wear safety glasses during this step. **DO NOT** drill cover plate while it is on the bike.





- Route clear vent hose through the hole just drilled and reinstall tail cover, grab handles and cargo plate. Vent hose will now be under the cargo plate on the left side of the bike.
- Attach vent hose to Camel Tank vent fitting and secure with spring hose clamp. We suggest wearing safety glasses when working with the spring clamp.





- Insert the M6x45mm bolts through the left side holes in the license plate holder. Place 26mm spacer on the lower bolt and 19mm spacer on the upper. Place "C" bracket on top of the spacers and loosely install M6 flat washers and Nyloc nuts.
- Apply thread lock to M6 button head bolts, place through the slots in rear bracket and thread into fuel tank.
- Tighten M6x45mm bolts then M6 button heads.



### Step 5, FILLING YOUR TANK

- Remove the gas cap and fill with gasoline until fluid level reaches the bottom of the gas cap threads.
- **DO NOT OVERFILL.** Over filling can lead to fuel leakage through the vent hose.
- Re-install fuel cap and tighten until snug. **DO NOT OVER-TIGHTEN.** Thread damage may occur!

### STEP 10: GO ON YOUR NEXT ADVENTURE!

- a. Enjoy your ride and get home safely.
- b. Find us online! Share your photos and travel stories with other adventure riders on Facebook. Search for Camel ADV Products.

## **DISCLAIMER**

*Gasoline is dangerous as it is flammable and toxic. Inspect fuel tank, hose, fittings, fasteners and brackets for damage or wear before every use and after any upset, collision or other event likely to negatively affect the tank. Replace damaged components immediately. If you are unsure if the product's condition is acceptable, consult a qualified professional.*

*Camel ADV Products Ltd. will accept unused returns for 30 days from the date of purchase, subject to a 20% re-stocking fee. Purchaser must contact Camel ADV Products Ltd. via email at [info@cameltank.com](mailto:info@cameltank.com) prior to returning product. Customer will be responsible for shipping, taxes and any customs fees/duties where applicable. Camel ADV Products Ltd warrants the Camel Tank against manufacturer defects for a period of 30 days.*

*No warranty will be given for damage caused by incorrect install, physical contact or collision.*

*Do not attempt to remove fuel suction tube or vent fitting from tank. These fittings have been sealed from the factory and attempting to remove them will cause damage to the tank causing fuel leakage. Damaged inserts in the tank are not covered by warranty.*

*As regulations for fuel tanks varies vastly between different countries, it is up to the end user to ensure that the Camel Tank meets your local jurisdiction's laws and requirements. If Camel Tank does not meet these requirements, do not install this product.*

*In no event shall Camel ADV Products Ltd. be liable to the purchaser or user whether in contract, warranty, tort (including negligence or strict liability) or otherwise for any special, indirect, incidental, or consequential damages of any kind or nature whatsoever. Should any disputes arise, they shall be settled in a court of law located in the province of Alberta, Canada.*

**Do you have an idea about how we can improve our product or service? Let us know by sending us an email at [info@cameltank.com](mailto:info@cameltank.com)**