# 1090 Adventure (2017 - 2019)



## Product Compatibility

- vSystem
- xSystem
- eSystem
- REP Connect + Hex ezCAN for KTM/Denali CANsmart
- Traveller Expansion Bag
- Scorpion Dual Injector

- Magnum HCR

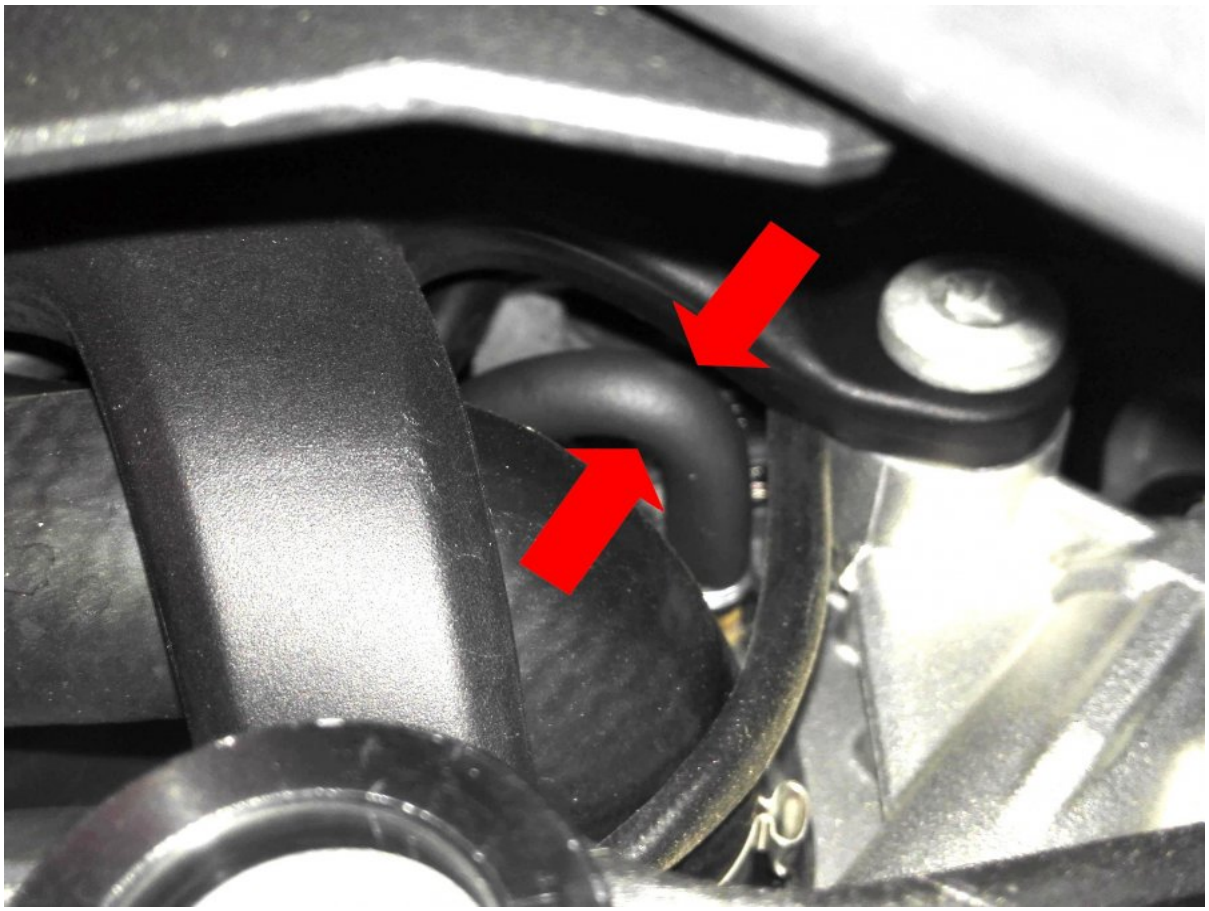
1. Go to vSystem Installation
2. Go to xSystem Installation
3. Go to eSystem Installation

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# vSystem Installation

## Step 1 - Find a vacuum source

There is a vacuum pipe from the inlet tract, leading to the EVAP "PURGE" valve. You can read more about the EVAP System and how to identify the correct vacuum pipe here. Cut this pipe and insert the 6mm Tee Connector. Push the thin black vacuum tubing into the Vacuum Damper elbow and push the elbow firmly onto the third leg of the Tee Connector.



Note: View from **Right** side



**Note : View from LEFT side.**

## Step 2 - Find a place for the reservoir

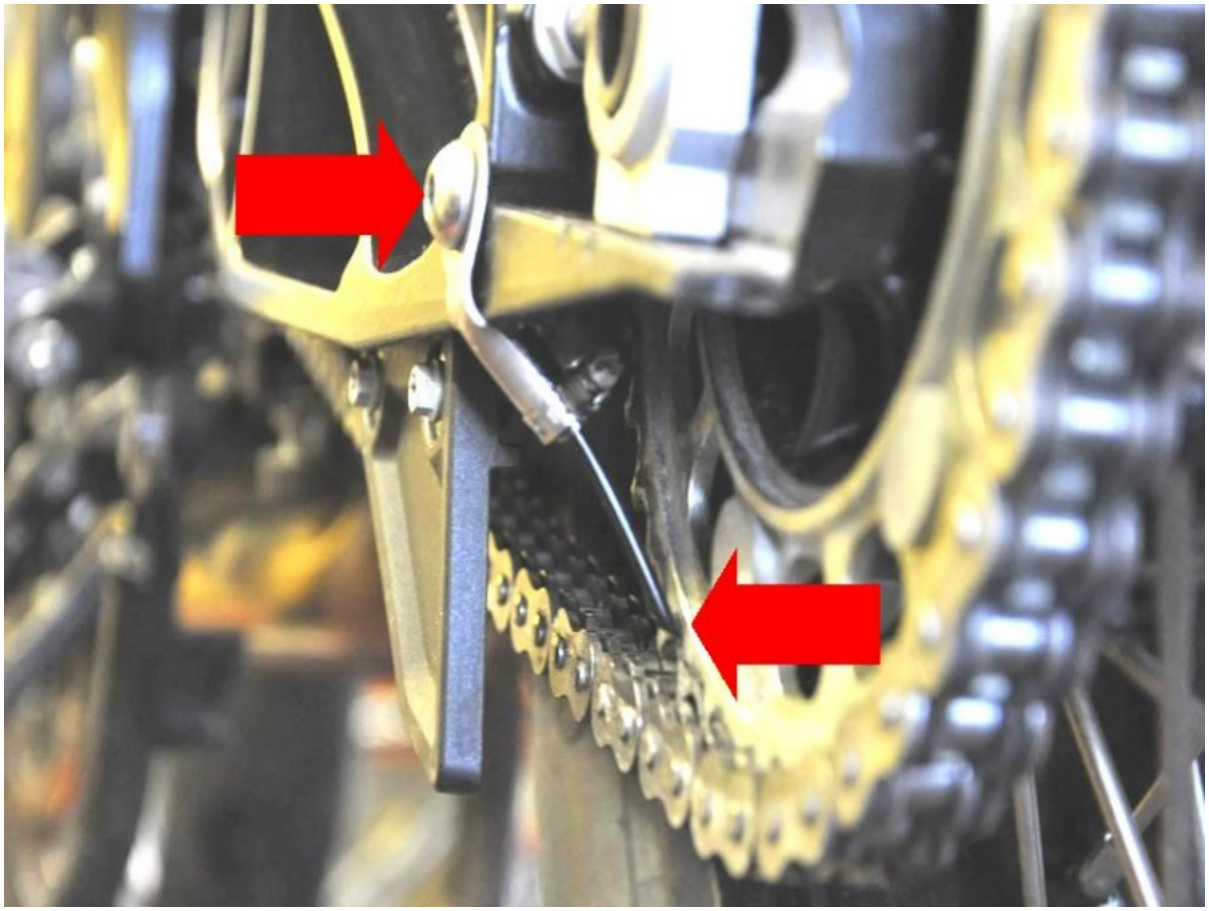
The reservoir can be mounted to the frame. The more vertical the reservoir is mounted the better. Avoid positioning the reservoir completely horizontally, as this will limit the available range. Remember to avoid exhaust and engine components. For further information, see our easy step installation guide – Reservoir Positions.

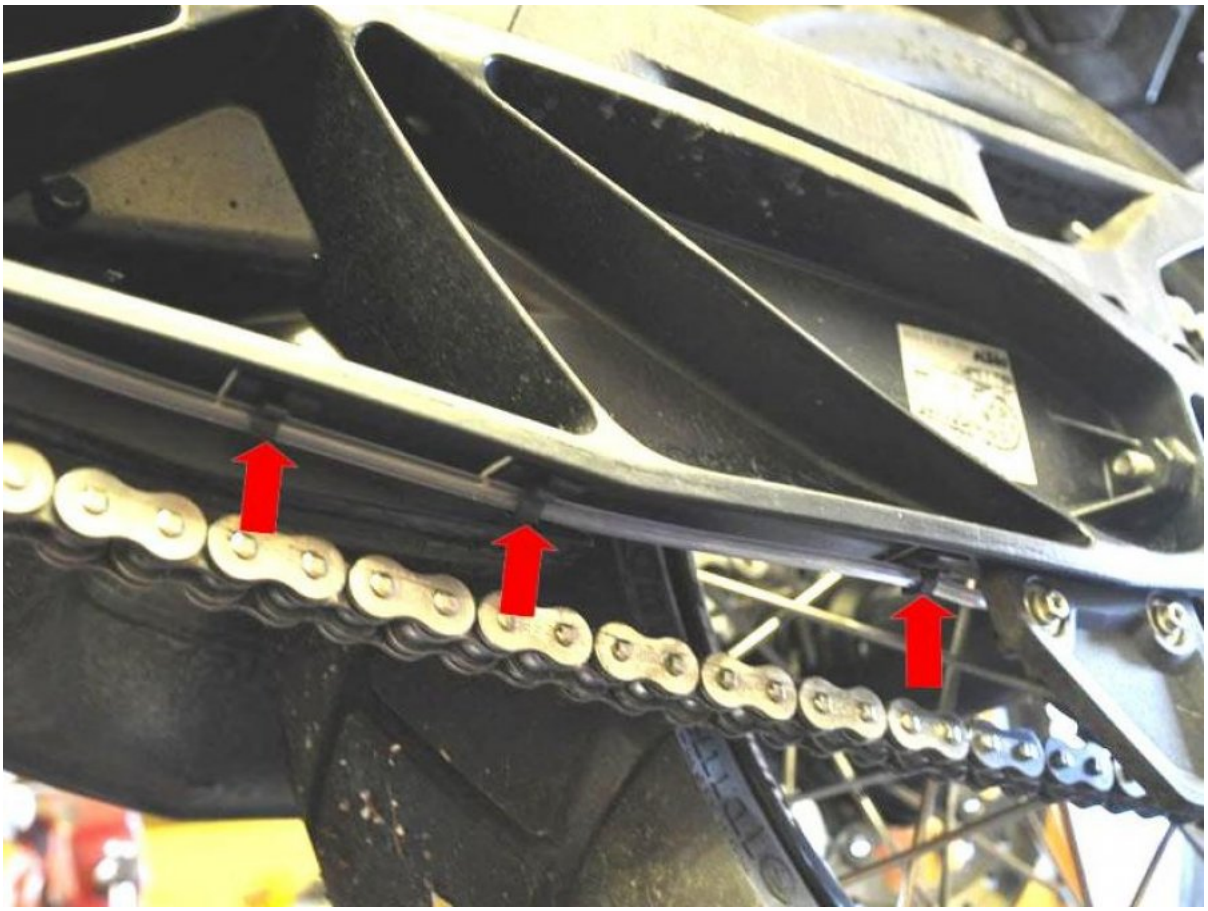


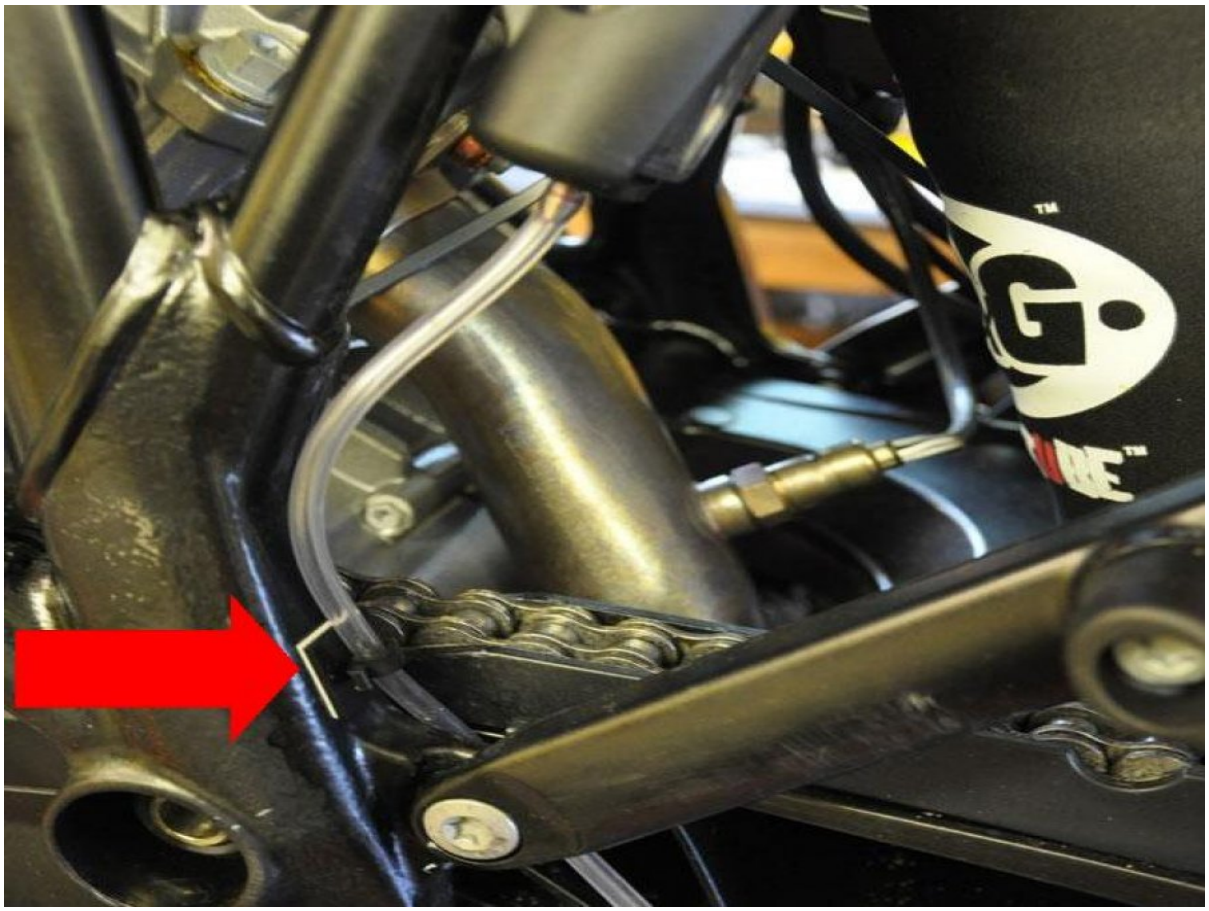
## Step 3 - Mount the dispenser and connect the system

The Dispenser Assembly can be secured to the paddock stand bobbin mount using the small Dispenser Plate & Clip. The delivery tubing can be routed along the swing arm using self- adhesive cable clips. For further information see our easy step installation guide - Dispenser Positioning. The nib should feed the rear sprocket with the cut face facing outwards.









## Step 4 - Fill, prime and set up your vSystem

Once fitted, fill and prime the system and set the adjuster knob to 'prime'. Start the engine and turn the adjuster knob until a flow of between 1 and 2 drops per minute is achieved. Check the condition of your chain after a ride, and then adjust as required.

For best results clean your chain before fitting the Scottoiler using paraffin or similar. Then lightly oil the chain from the bottle using a rag or a brush, this

allows the oil from the Scottoiler to reach both sides of the chain. 1 to 2 drops per minute will maintain this film of oil on the chain.

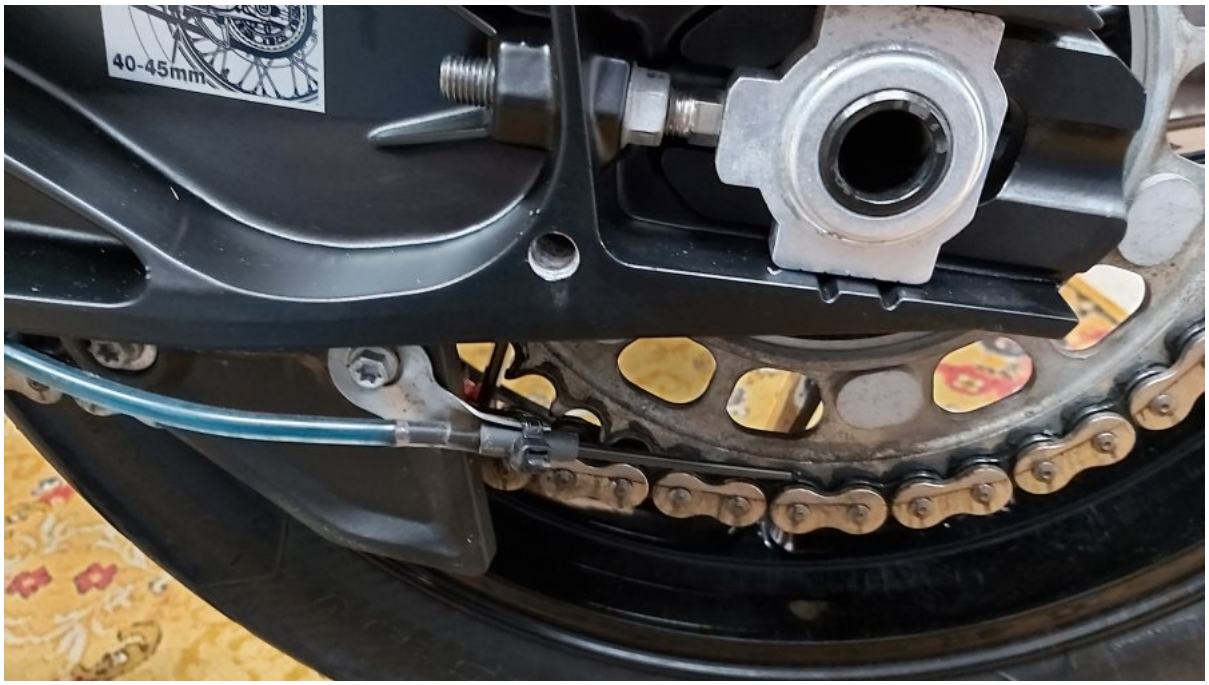
## xSystem Installation

**below is an example of Reservoir position**



**Route Delivery tubing and position dispenser**






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# eSystem Installation

## Step 1 - Find a place for the display

The Display Bracket (Part 5) can be rotated through 360° to give 4 mounting options and can also be flipped to provide 4 further options. The bracket can be secured to any M5/M6 bolt e.g. brake or clutch lever, brake cylinder or fairing mountings, in some cases you might need to trim the supplied bolt. It is possible to bend the bracket to shape, do so before fitting the Display Unit, part 1, to prevent damage to the unit. Alternatively, the sticky fasteners (Part 4) can be used to securely fasten the Display Unit to any flat surface e.g. the fork yokes.




**Note: Generic image**

## Step 2 - Find a space for the reservoir

The reservoir can be mounted to the frame. The more vertical the reservoir is mounted the better. Avoid positioning the reservoir completely horizontally, as this will limit the available range. Remember to avoid exhaust and engine components. For further information, see our easy step installation guide – Reservoir Positions.




## Step 3 - Mount dispenser on your rear sprocket

The Dispenser Assembly can be secured to the paddock stand bobbin mount using the small Dispenser Plate & Clip. The delivery tubing can be routed along the swing arm using self- adhesive cable clips. For further information see our easy step installation guide - Dispenser Positioning. The nib should feed the rear sprocket with the cut face facing outwards.




## Step 4 - Connect system to your battery

The eSystem must be wired directly to the battery. Attach the red wire to the +ve terminal and attach the black wire to the -ve terminal.

If you want to learn more about the eSystem Battery Connection and Power Consumption please click here.

Once fitted, fill the REP and prime the pump. Attach the delivery tubing and prime until the oil reaches the point where you want to install the check valve. Stop the priming process and cut and insert the check valve at the chosen position. Continue priming the system until oil reaches the sprocket.

For further information you can also watch our installation video that shows the setup steps. How to fill and prime my eSystem?

Set the flow rate, using the 'Driving Screen' on the Display Unit, to 60-70 seconds per drop (s/dp), check the condition of your chain after a ride, and adjust as required.

**eSystem fitting video for this bike from AndyManCam on Youtube**

Online URL:
https://marketingengineer.de/article/1090-adventure-2017-2019-447.html