Scrambler Sixty 2 (2016 - 2018)



Product Compatibility

- vSystem
- xSystem
- eSystem
- Traveller Expansion Bag

- Scorpion Dual Injector
- Magnum HCR

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

---

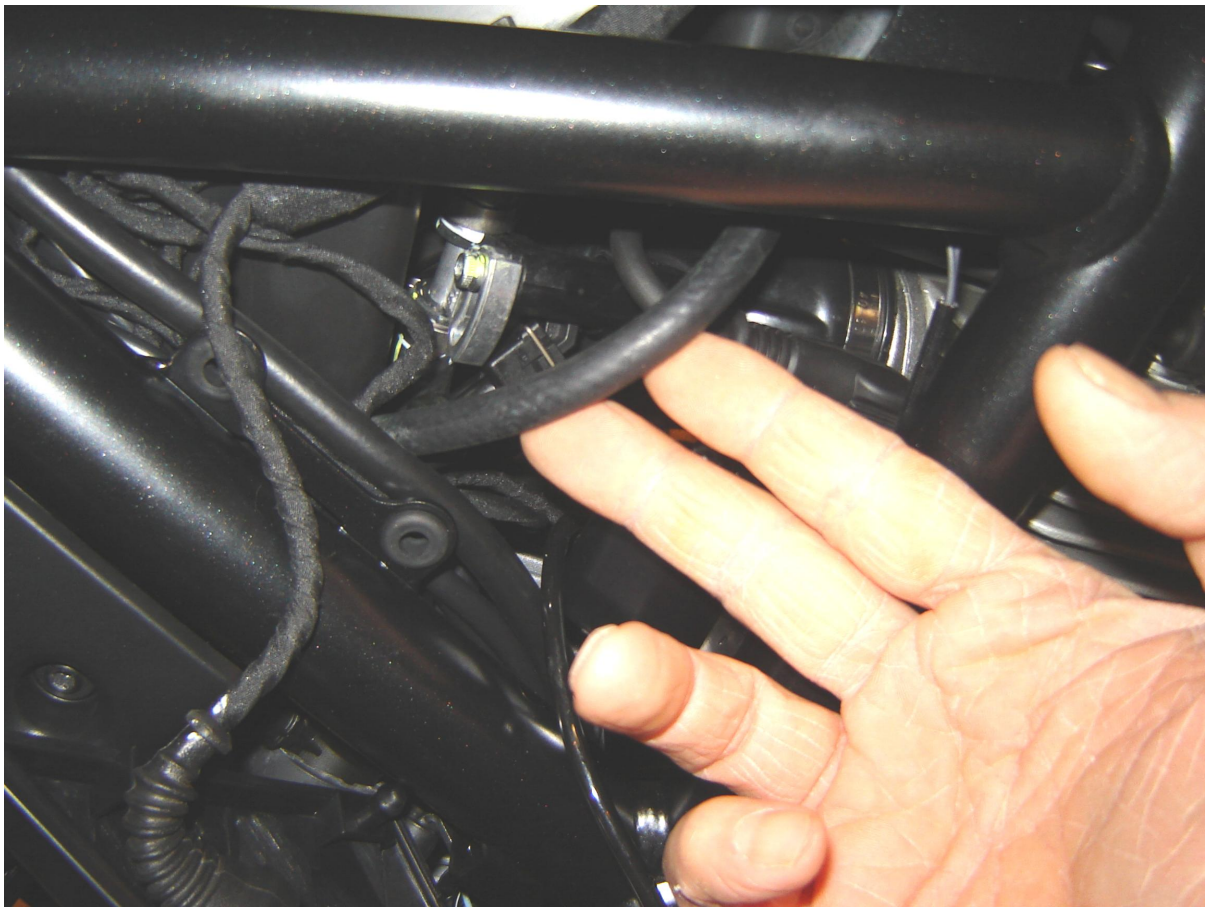
vSystem Installation

Step 1 - Find a vacuum source

There is a vacuum pipe from the inlet tract on the cylinder head 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 4mm Tee connector, and push the vacuum damper elbow onto the third leg of the tee.



Remove panel on the left side of the bike.

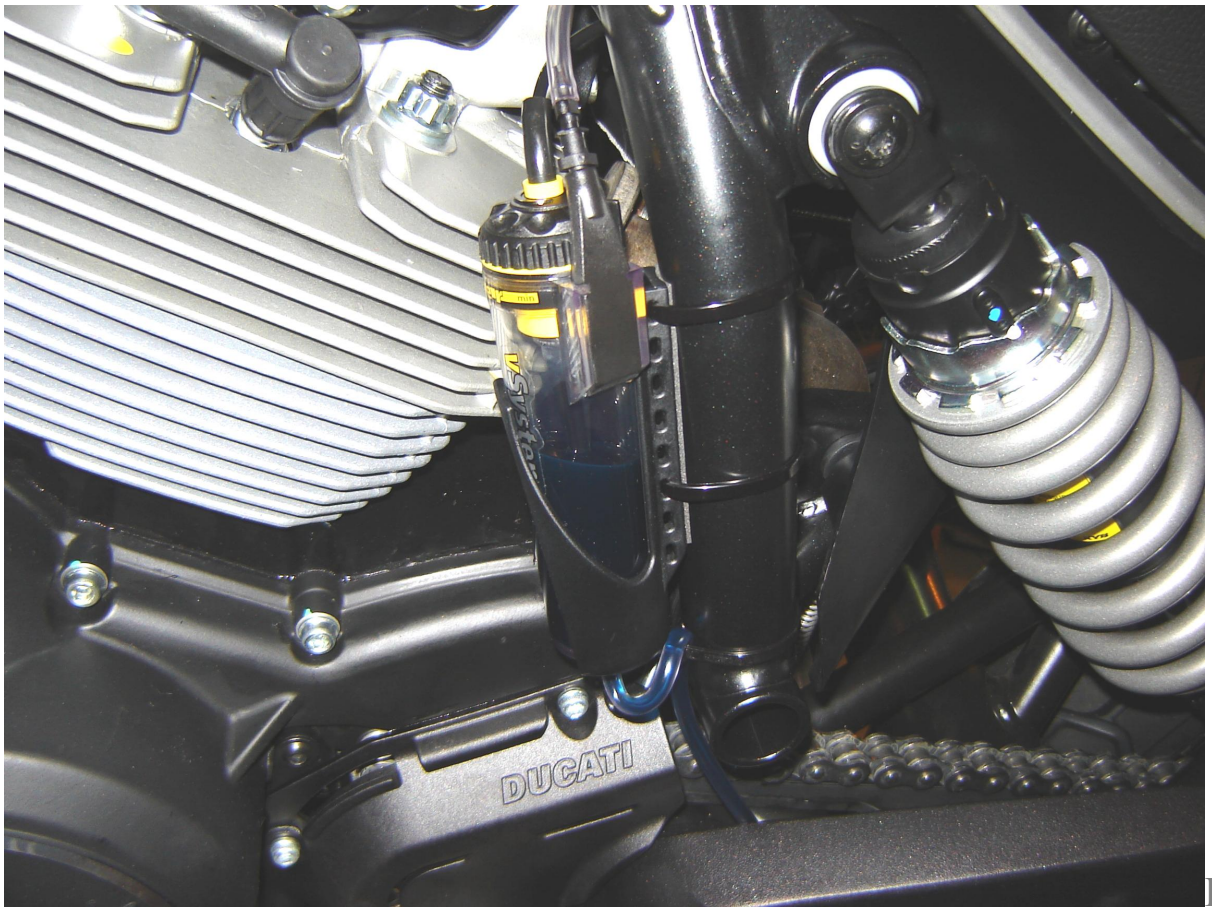

Locate the vacuum pipe.

The vacuum pipe comes from the inlet tract and leads to the EVAP system "purge valve"

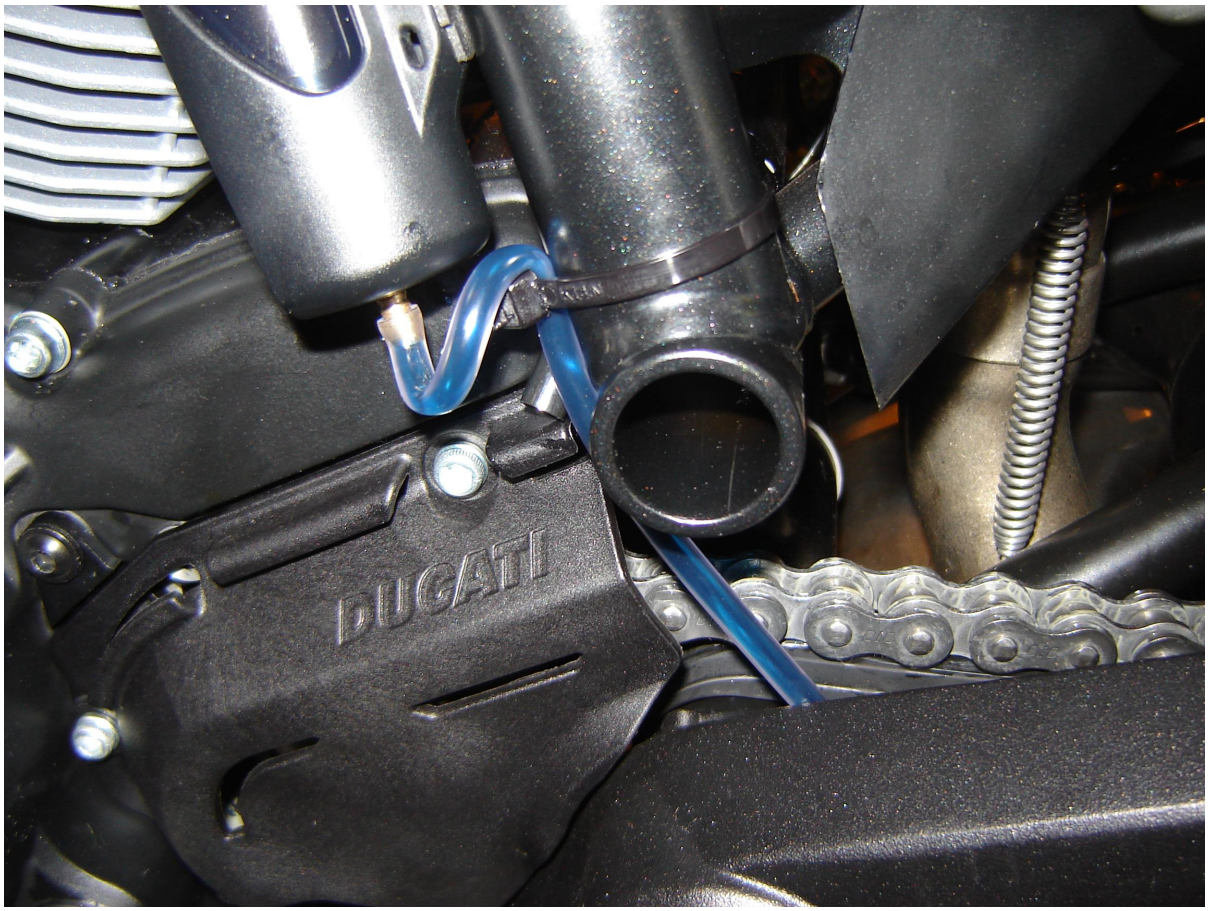

Cut vacuum pipe and insert 4mm tee piece.

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.



RMV mounted on the left side of the bike on frame section.



Loop the delivery tubing to allow for movement then cable tie to the frame. Don’t overtighten the cable tie - it is important not to crush or constrict the tubing.

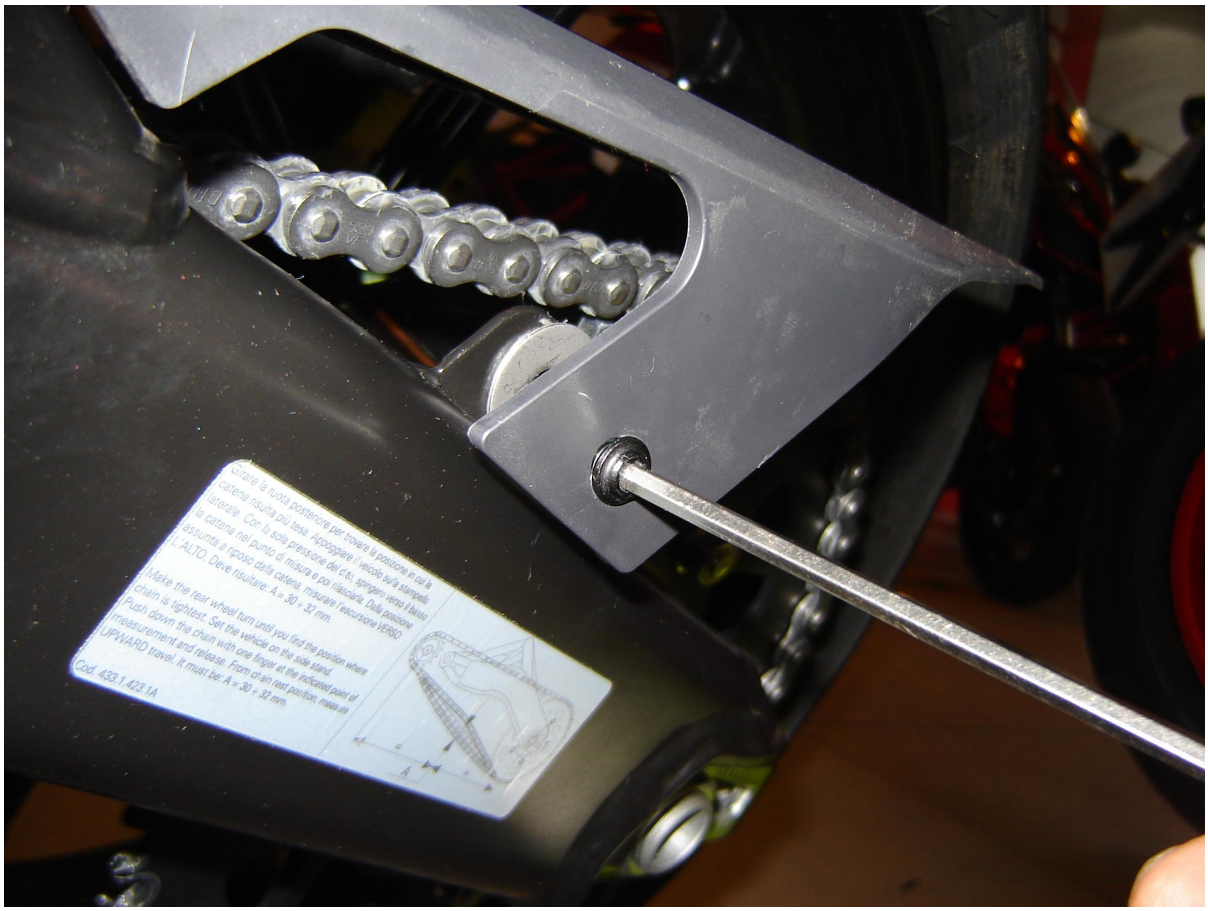


Thoroughly degrease an area on the swing arm with the IPA wipe, and apply one of the self adhesive clips. Route the delivery tubing through the clip and towards the rear of the bike.

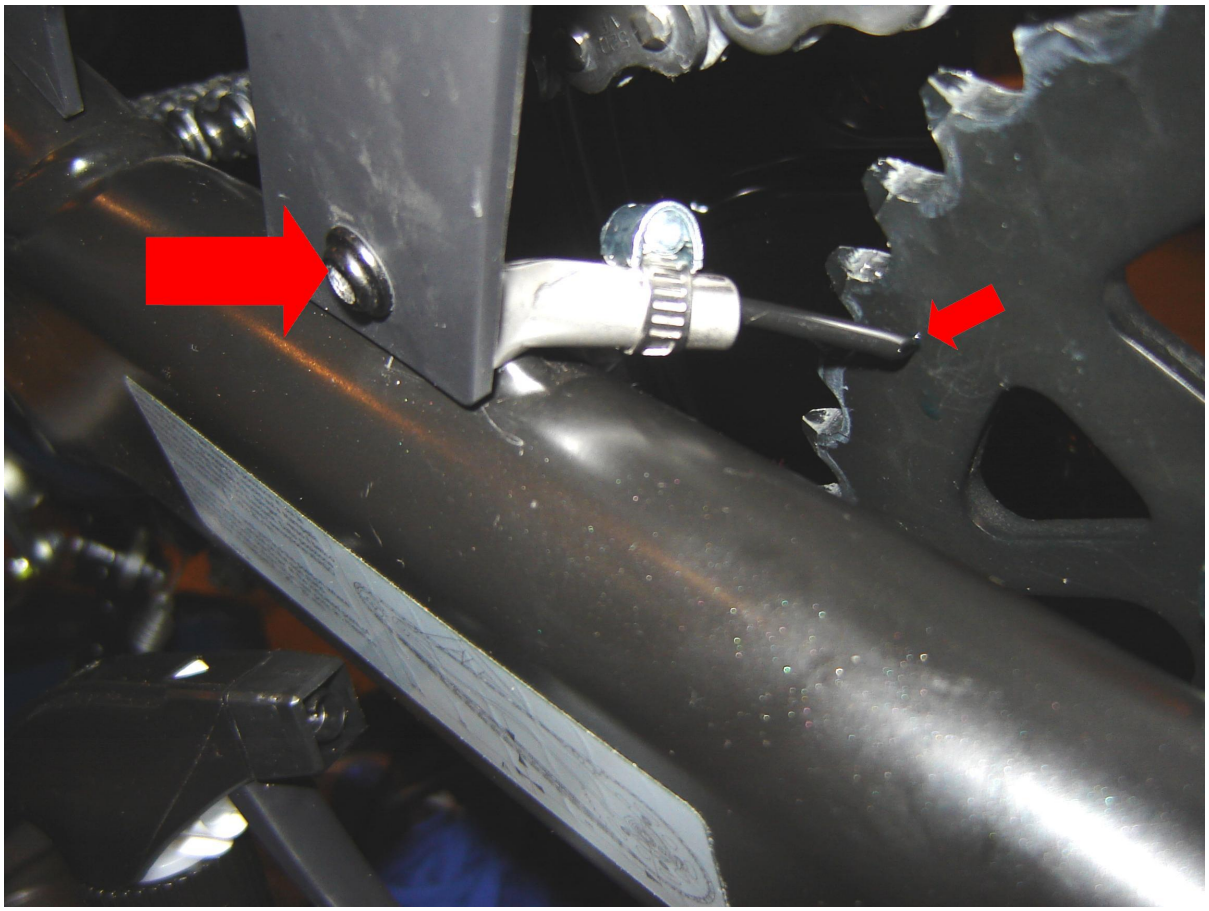
Step 3 - Mount the dispenser and connect the system

The Dispenser assembly can be secured on the chain guard bolt using the small dispenser plate and clip. The delivery tubing can be routed along the swing arm using self - adhesive cable clips. See our easy step installation guide - Dispenser Positioning. The nib should lightly touch the face of the rear sprocket, with the slash cut facing outwards.

It is important to put a sharp bend into the small dispenser plate.



Remove the bolt which secures the chain guard.



Mount the bent plate using the existing bolt, and trim the nib so that it's lightly touching the sprocket face with the slash cut 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

General xSystem guide

The xSystem chain oiler is really easy to install and can be mounted on your bike in less than 1 hour. The installation consists of the three simple steps:

- Find a place for the reservoir
- Connect the xSystem wiring harness directly to your battery
- Route the dispenser to your rear sprocket

For an example of the installation see our xSystem Installation guide.

If you have our system installed on this specific motorcycle model, we would appreciate if you could send us pictures. With more pictures we can make the Installation even easier for all motorcyclists. Please send us your feedback and photos to technical@scottoiler.com.

eSystem Installation

Step 1 - Find a place for the display

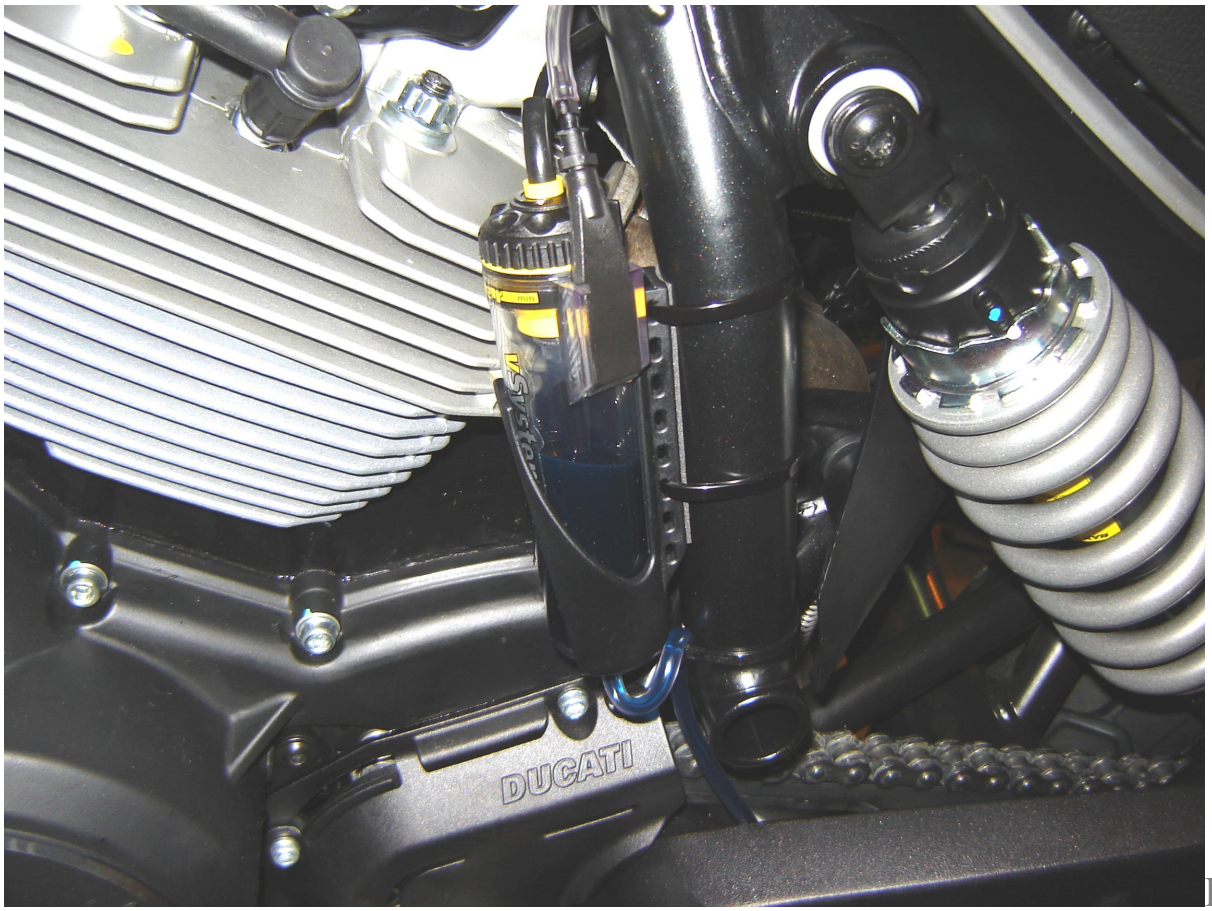
The Display Bracket (Part 5) can be rotated through 360° to give 4 mounting options and can also be flipped to provide 4 further options. The bracket can be secured to any M5/M6 bolt e.g. brake or clutch lever, brake cylinder or fairing mountings, in some cases you might need to trim the supplied bolt. 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.



Please 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.



Please note: although this image shows the RMV, the REP can be fitted in the same position. Remember that the tubing will come from the top of the REP and can be routed downwards and cable tied to the to the frame in the same position beneath the REP.



Thoroughly degrease an area on the swing arm with the IPA wipe, and apply one of the self adhesive clips. Route the delivery tubing through the clip and towards the rear of the bike.

Step 3 - Mount dispenser on your rear sprocket

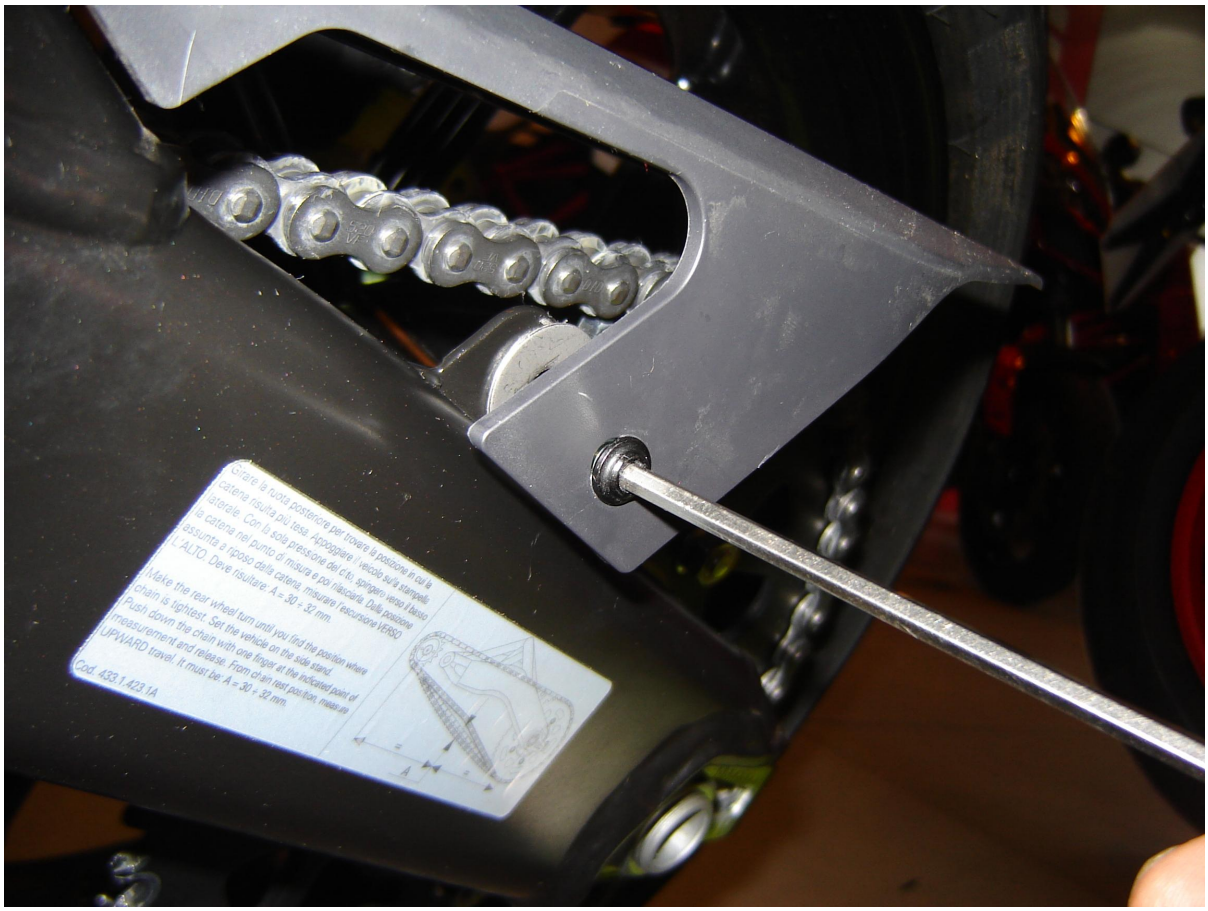
Assemble the dispenser mounting block and bolt the dispenser plate to the mounting block. Secure the dispenser on the dispenser plate using the dispenser clip. Clean the underside of the swing arm thoroughly, and prepare the area by wiping in one direction with the alcohol wipe and then firmly press the block on - with

pressure, for 5 seconds. Ensure that the tip of the Injector touches the sprocket face, with the slash cut facing outwards.

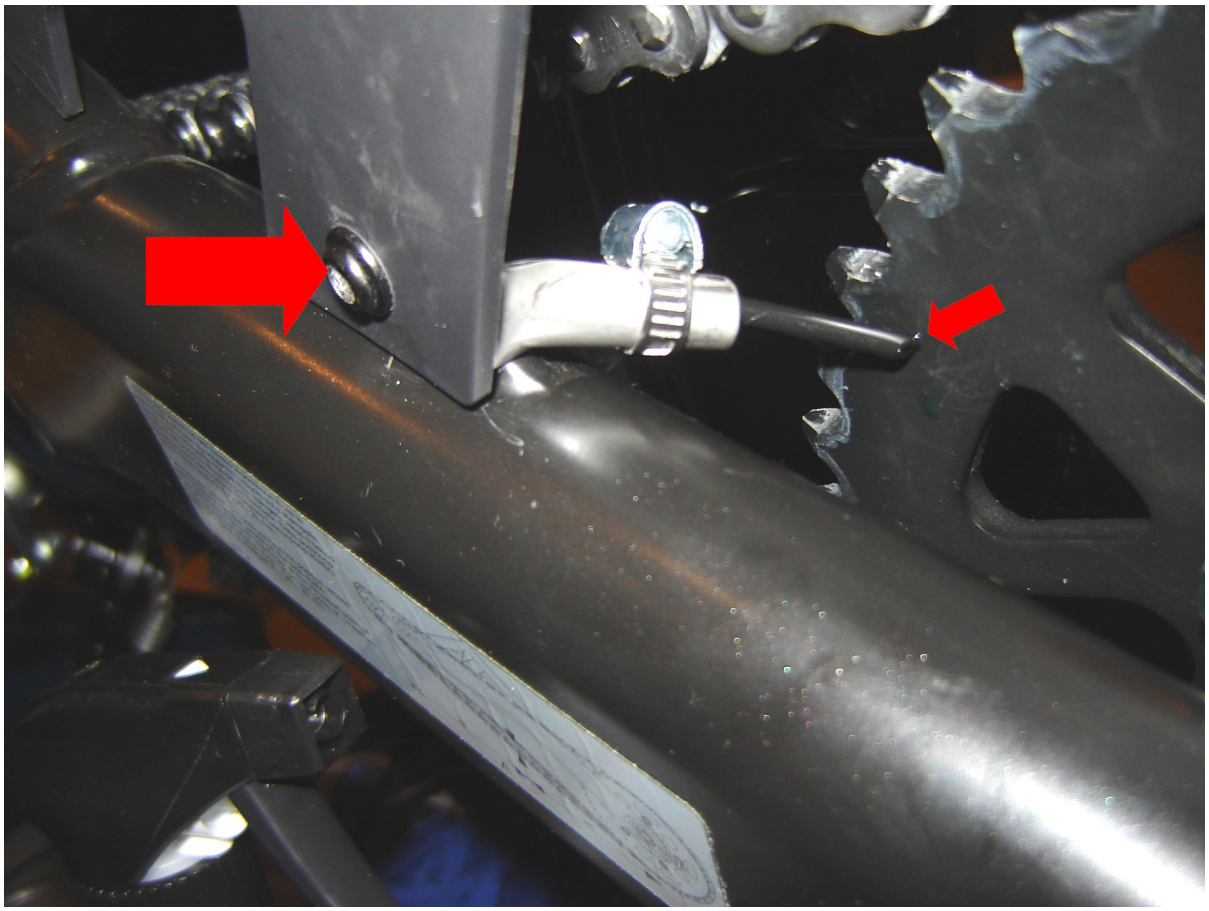
The Dispenser assembly can be secured on the chain guard bolt using the small dispenser plate and clip. The delivery tubing can be routed along the swing arm using self - adhesive cable clips. See our easy step installation guide - Dispenser Positioning. The nib should lightly touch the face of the rear sprocket, with the slash cut facing outwards.



It is important to put a sharp bend into the small dispenser plate.



Remove the bolt which secures the chain guard.



Mount the bent plate using the existing bolt, and trim the nib so that it's lightly touching the sprocket face with the slash cut 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.

Step 5 - Fill, prime, and set up your new eSystem

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.

Online URL:
https://marketingengineer.de/article/scrambler-sixty-2-2016-2018-346.html