S1000XR (2015 - 2019)



Product Compatibility

- vSystem (2017 Euro 4 onwards)
- xSystem
- eSystem
- REP Connect + Hex ezCAN K1600/Denali CANsmart
- Scorpion Dual Injector
- Traveller Expansion Bag

- vSystem (2015 - 2017)
- Magnum HCR

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

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vSystem Installation

For models produced before 2017

vSystem not compatible with this model

Unfortunately we have not found a way of installing a Scottoiler vSystem on this model. Either no vacuum connection is available or accessing the vacuum connection takes professional help and a lot of time. For the moment we can only recommend fitting our electronic operated Scottoiler eSystem or xSystem instead.

For models produced 2016 (euro4) on

Motorbikes after 2016 also have an EVAP System to control the emissions. This is operated by the engine vacuum and you can connect into the vacuum line between the throttle bodies and purge valve. Once you have identified your vacuum source connect it with the vacuum damper elbow and black vacuum line to your Scottoiler.

Getting to the throttle bodies and vacuum lines is a long process that requires time and/or a professional workshop. Consider our electronic systems as an alternative to the vacuum system.



Step 2 - Find a space for the reservoir

The reservoir can be mounted under the seat or on a frame spar. Ensure that the top of the reservoir is at least slightly raised (ideally above 15° from

horizontal) to maximise the available range.

See xSystem and eSystem guides below for location examples

Step 3 - Mount dispenser on your rear sprocket

Make sure that the Injector lightly touches the face of the sprocket. Use spindle mounts, bobbin mounts or chain guards to install the dispenser assembly.





After you are happy with the placement of both the reservoir and the dispenser secure all parts before starting with the routing of the oil delivery tube. Take your time to find the best and most secure routing, avoiding hot engine and exhaust parts and taking suspension movement into account.

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.

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xSystem Installation

General xSystem guide

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

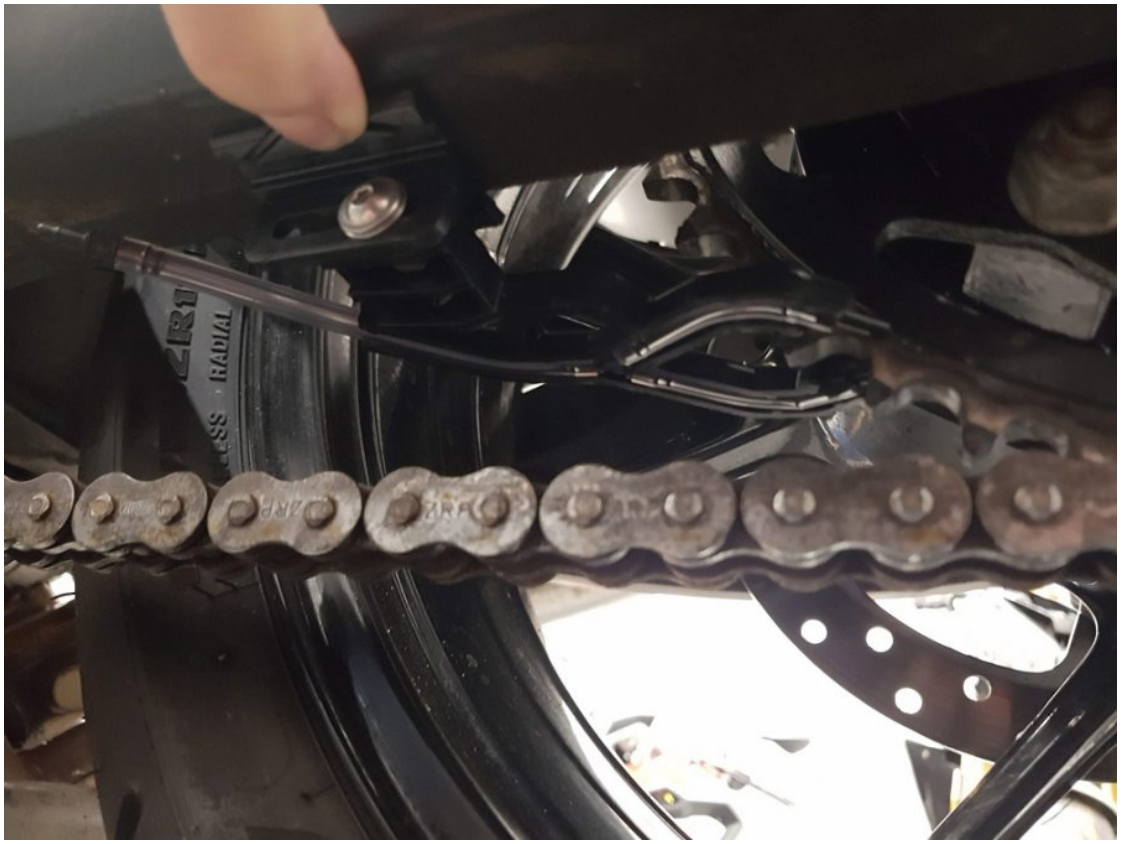
- Find a place for the reservoir, either on the frame or under the seat
- Connect the reservoir to your battery
- Route the dispenser to your rear sprocket

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

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.






RADIAL



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.


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Step 2 - Find a space for the reservoir

The reservoir can be mounted under the seat or on a frame spar. Ensure that the top of the reservoir is at least slightly raised (ideally above 15° from horizontal) to maximise the available range.

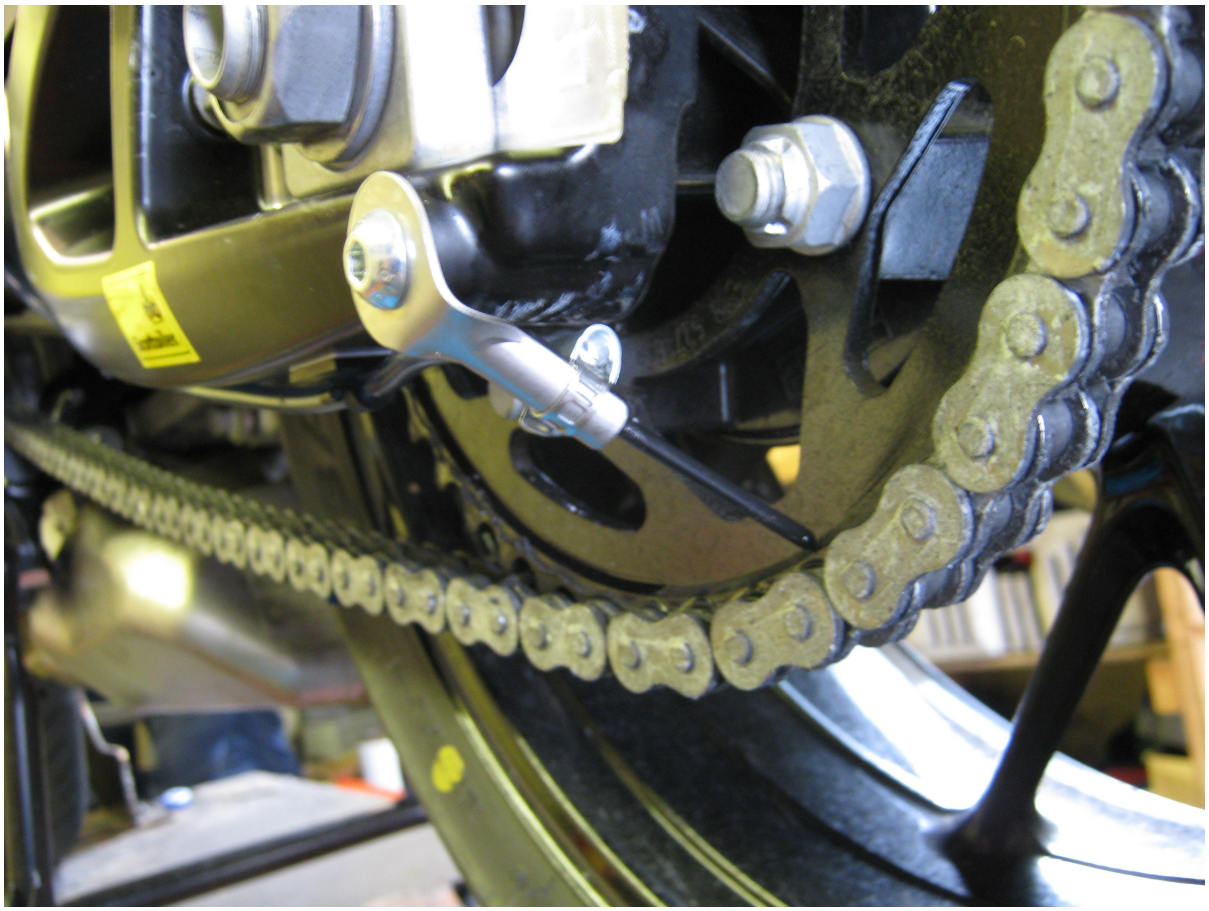




Step 3 - Mount dispenser on your rear sprocket

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.

Older style swingarm





Use the supplied sticky clips to lead the delivery tubing to the REP.

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/s1000xr-2015-2019-323.html