CB500X, CB500F and CBR500R - (2013 - 2016)



Product Compatibility

- xSystem
- eSystem
- Traveller Expansion Bag
- Scorpion Dual Injector

- vSystem
- Magnum HCR

1. Go to vSystem Installation

2. Go to xSystem Installation

3. Go to eSystem Installation

vSystem Installation

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.

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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 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.

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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

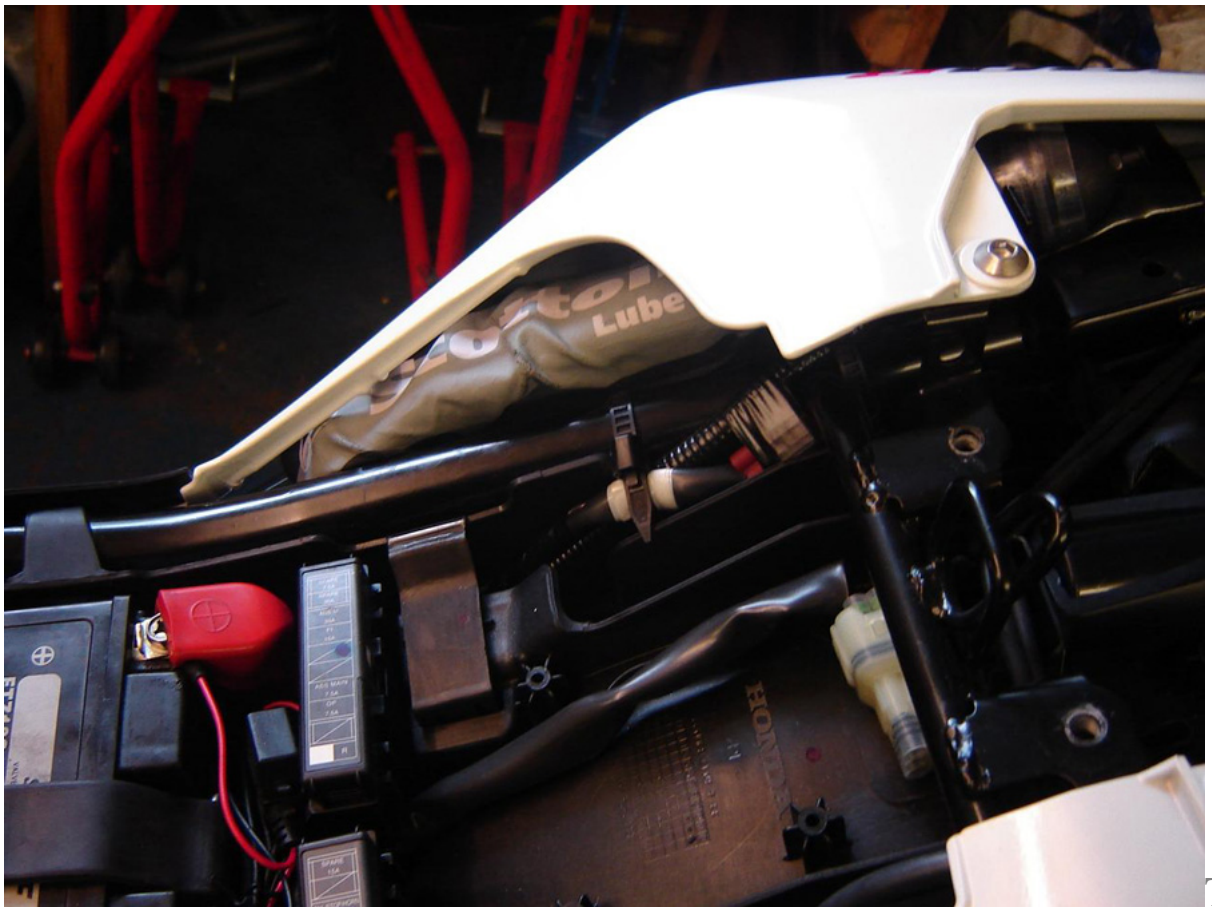
can be secured to any M5/M6 bolt e.g. brake or clutch lever, brake cylinder or fairing mountings, in some cases you might need to trim the supplied bolt. It is possible to bend the bracket to shape, do so before fitting the Display Unit, part 1, to prevent damage to the unit. Alternatively, the sticky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



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.





The Lube Tube can be mounted inside the side panels for extra capacity.

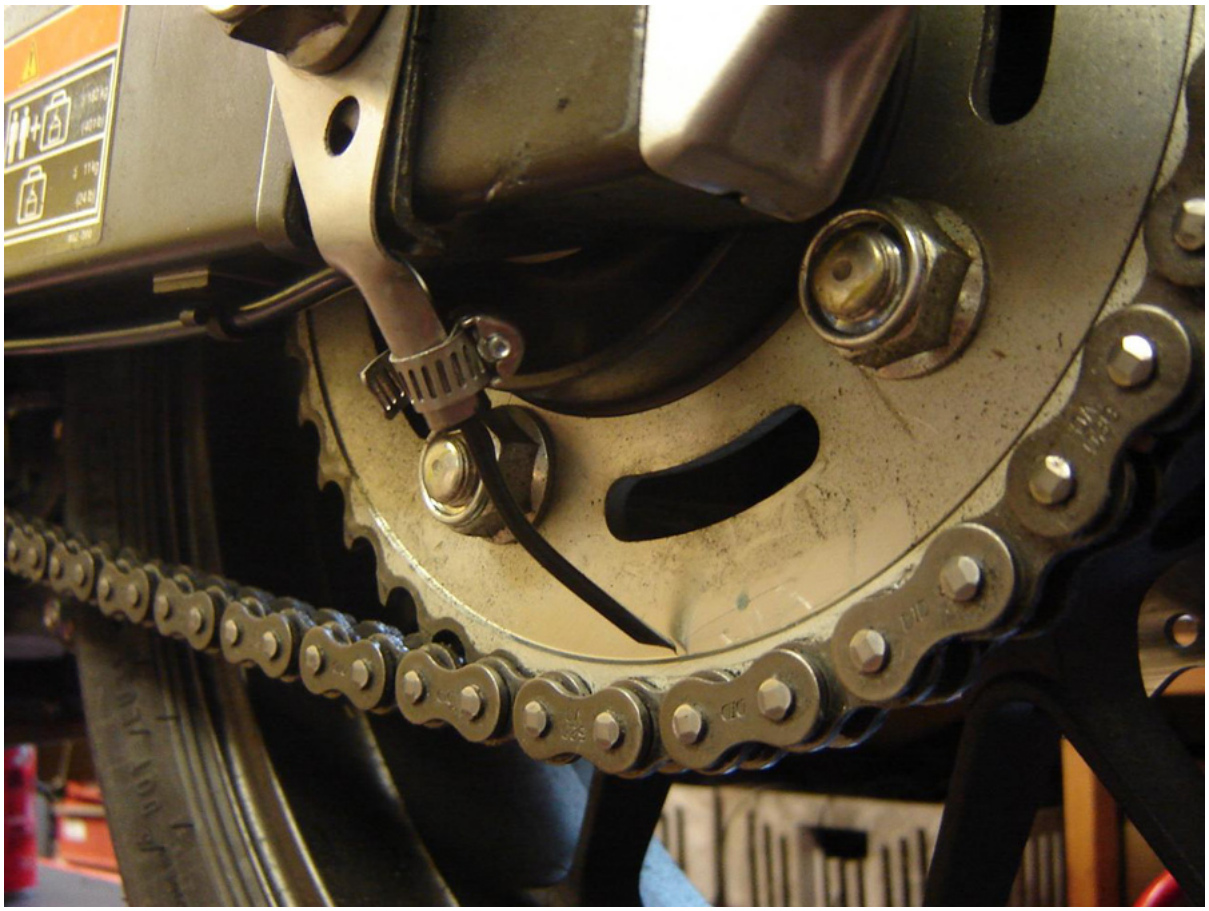
Step 3 - Mount dispenser on your rear sprocket

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.



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/cb500x-cb500f-and-cbr500r-2013-2016-6.html