CBR250R & CBR300R (2011 - 2017)



Product Compatibility

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

- vSystem
- Magnum HCR

1. Go to xSystem Installation

2. Go to eSystem Installation

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xSystem Installation

The xSystem reservoir unit can be mounted in various locations on your motorcycle such as frame tubes or under the seat. The reservoir must be at least at a a slight angle with the outlet facing downwards.



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

Slightly loosen the battery terminal screws to slip in the spade connectors.

The multiform dispenser block can be manipulated and cut to fit most swing arms. Assemble the dispenser unit as per instructions. Identify the exact location before taking of the adhesive. Match up the adjustment of your chain with the adjustment of the multiform block to allow for forward/backward adjustment in line with your chain variance.

Before taking off the adhesive thoroughly clean the area and then wipe it down with the included IPA Alcohol Wipes to remove any residue.

Alternatively you can use the micro dispenser plate by itself on any other mounting point on your rear swing arm / sprocket location such as bobbin mounts or toe guards.

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.



Identify a desired location for the check valve in the delivery line. The location of the check valve can be anywhere along the delivery line and should be protected from outside elements. Fill the reservoir and prime the pump until oil reaches your desired check valve location. Cut and insert the check valve with the arrow facing in the direction of the oil flow. Repeat priming the pump until oil reaches the sprocket.

To turn the system on, press and hold the on/off button (at the bottom) until the LEDs light from the bottom , upwards. It will settle on the chosen flow rate.

To turn off, again, hold the on/off button and the LEDs will light up and turn off, one by one, downwards.

To increase the flow rate, make sure it's switched on and press the upwards pointing arrow and the LED will move one position higher.

To reduce the flow rate, press the downward pointing arrow.

Set the flow rate on the middle section and adjust if required up/down depending on your riding conditions.

The xSystem will automatically switch on/off and no manual activation is necessary. You can manually turn the system on/off if you transport the motorcycle on a ferry or trailer.

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eSystem Installation

Step 1 - Find a place for the display

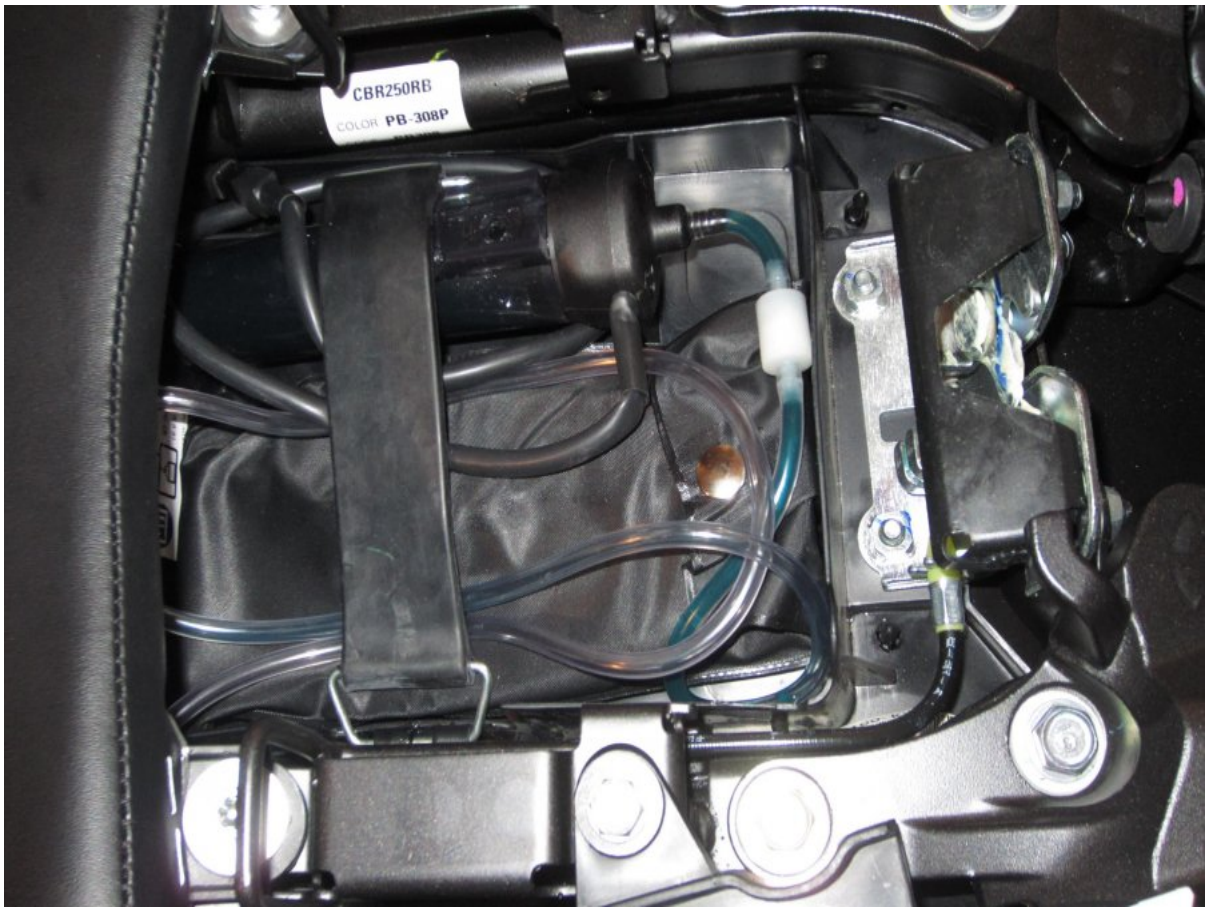
The Display Bracket (Part 5) can be rotated through 360° to give 4 mounting options and can also be flipped to provide 4 further options. The bracket can be secured to any M5/M6 bolt e.g. brake or clutch lever, brake cylinder or fairing mountings, in some cases you might need to trim the supplied bolt.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

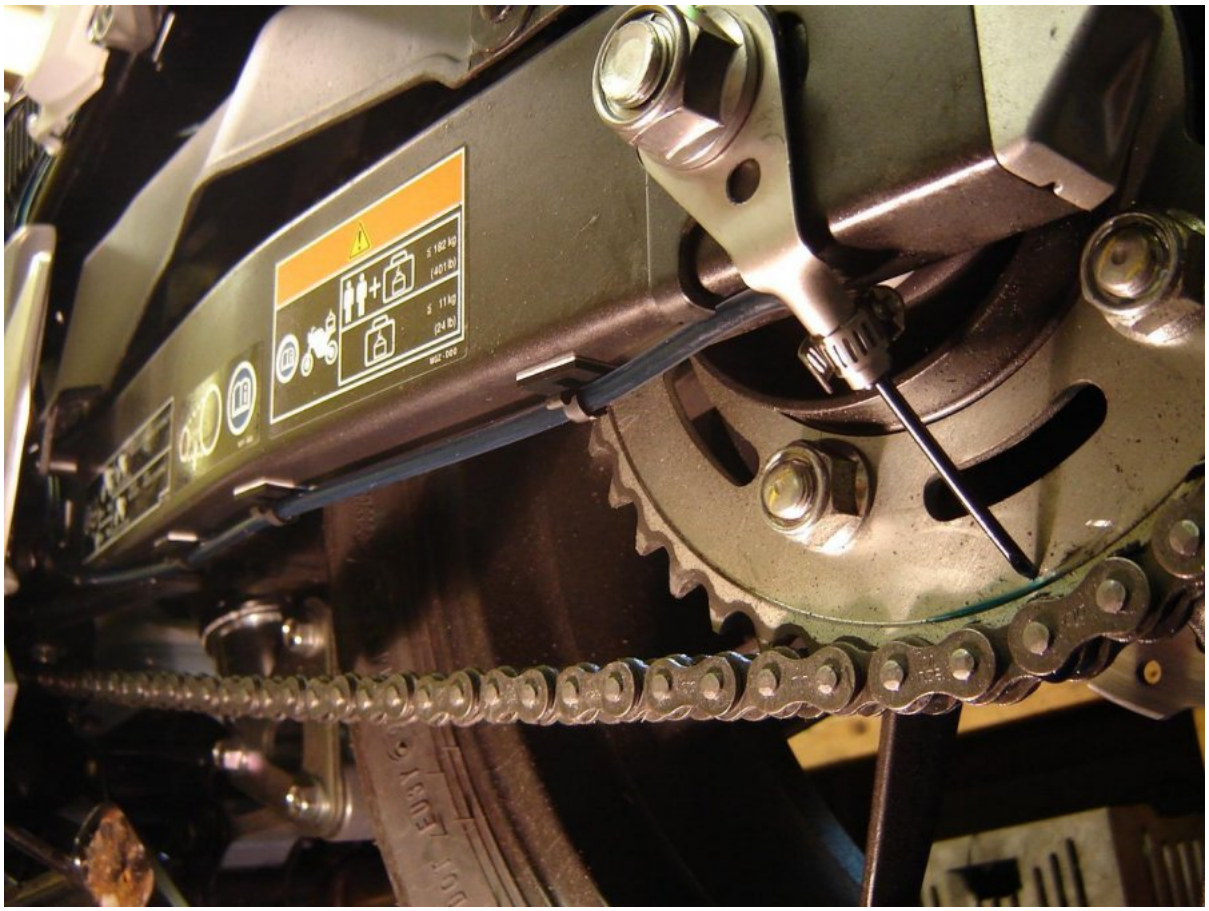




Step 3 - Mount dispenser on your rear sprocket

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.





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/cbr250r-cbr300r-2011-2017-434.html