CRF1000 Africa Twin - (2016)

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

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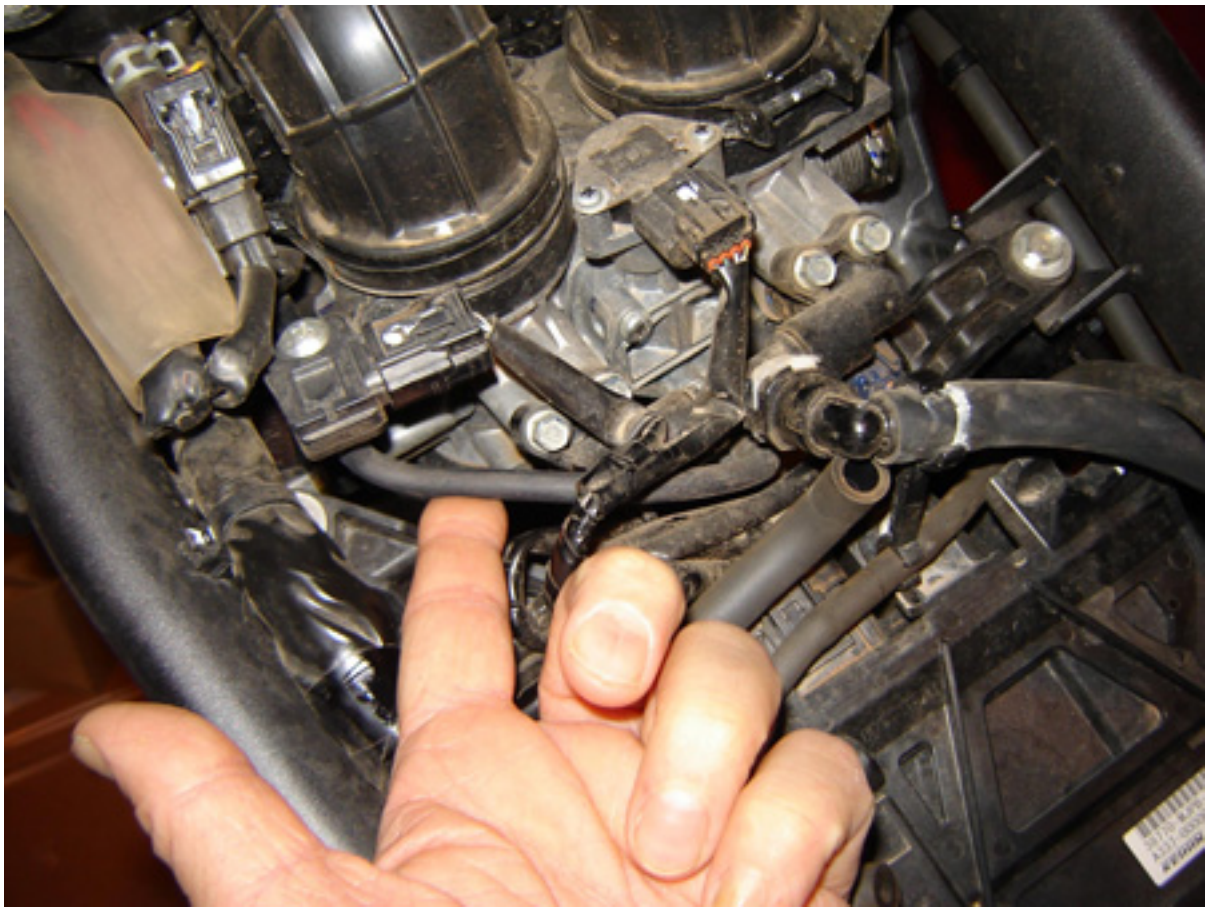
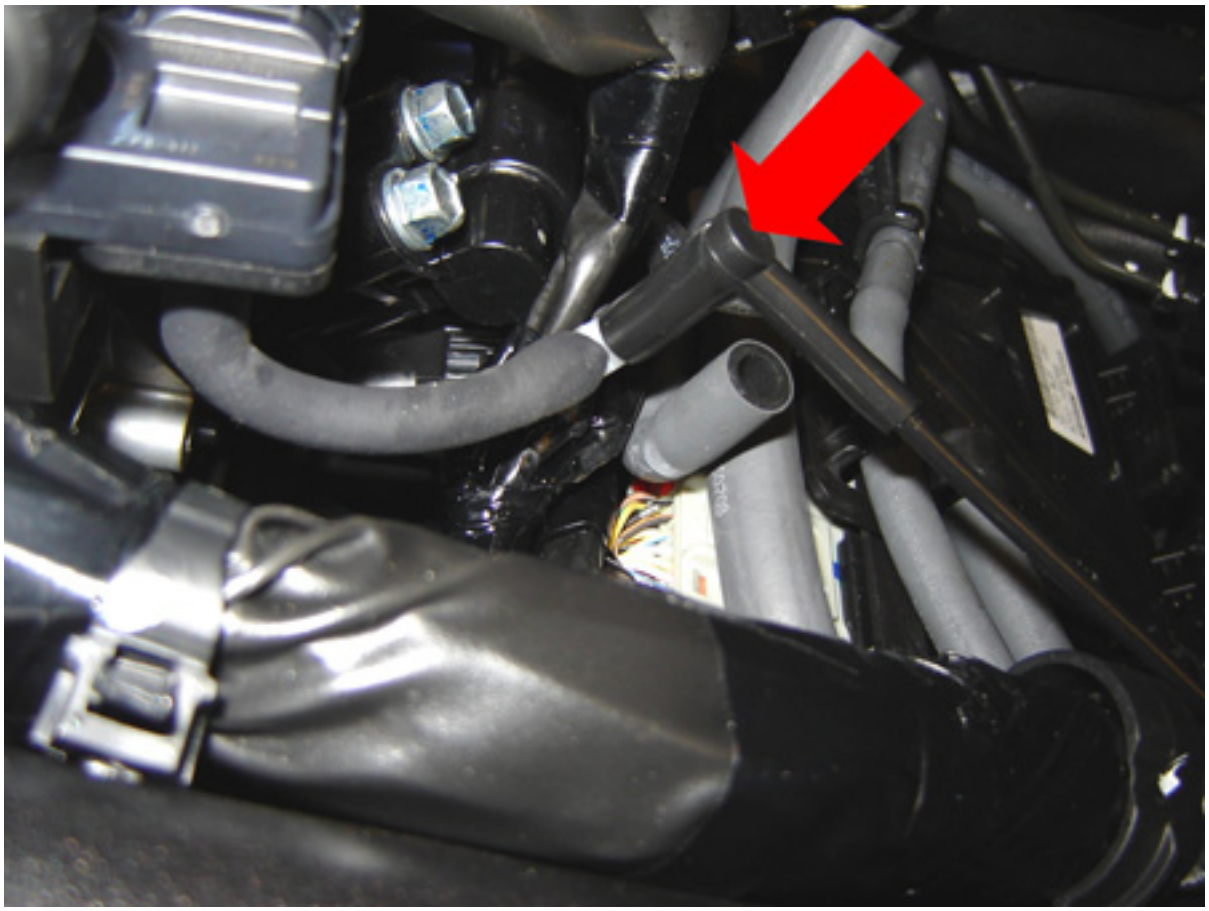
vSystem Installation

Step 1 - Find a vacuum source


There is a vacuum pipe from the throttle bodies to the MAP sensor. Cut into this pipe and insert the T-Piece from the Scottoiler kit. Then press the Damper Elbow, part number 4, onto the third leg of the tee.

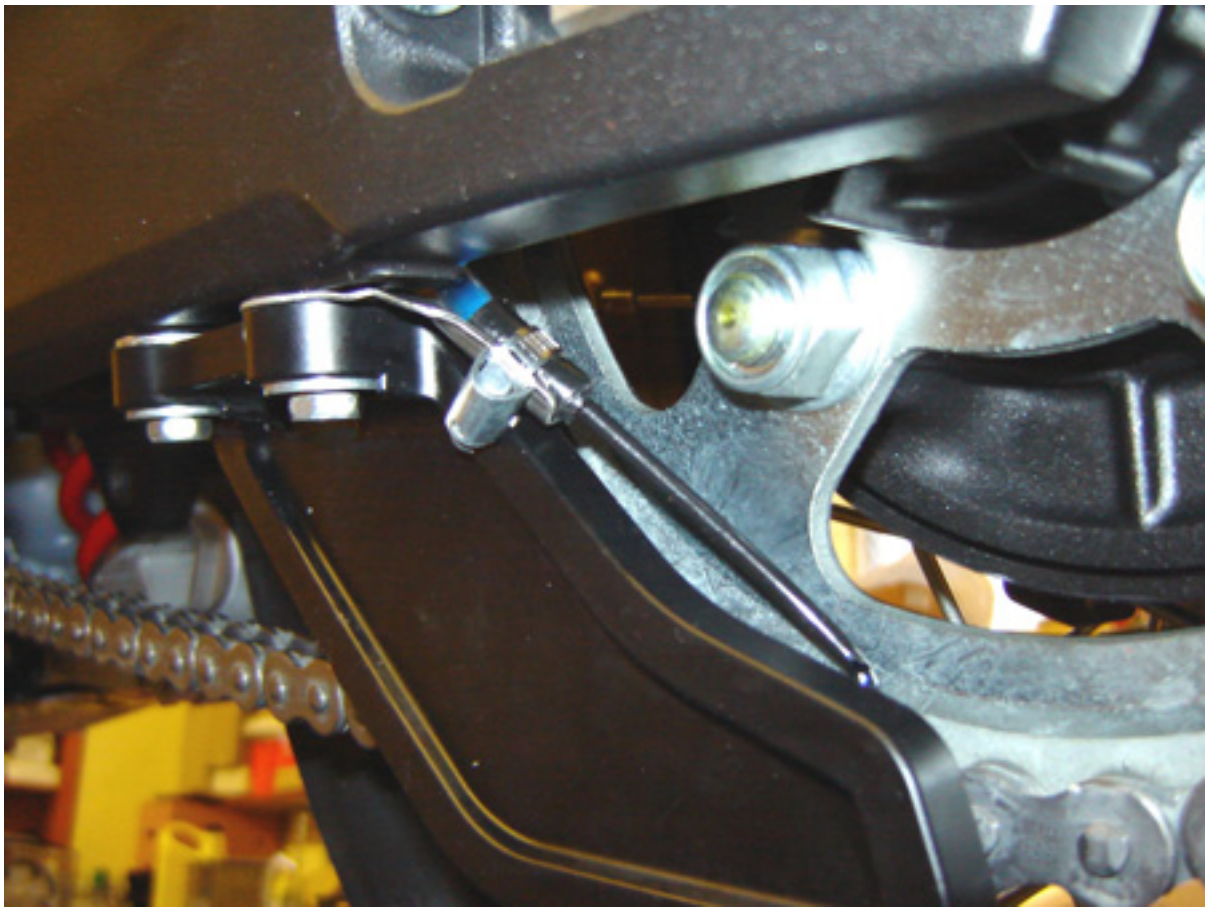


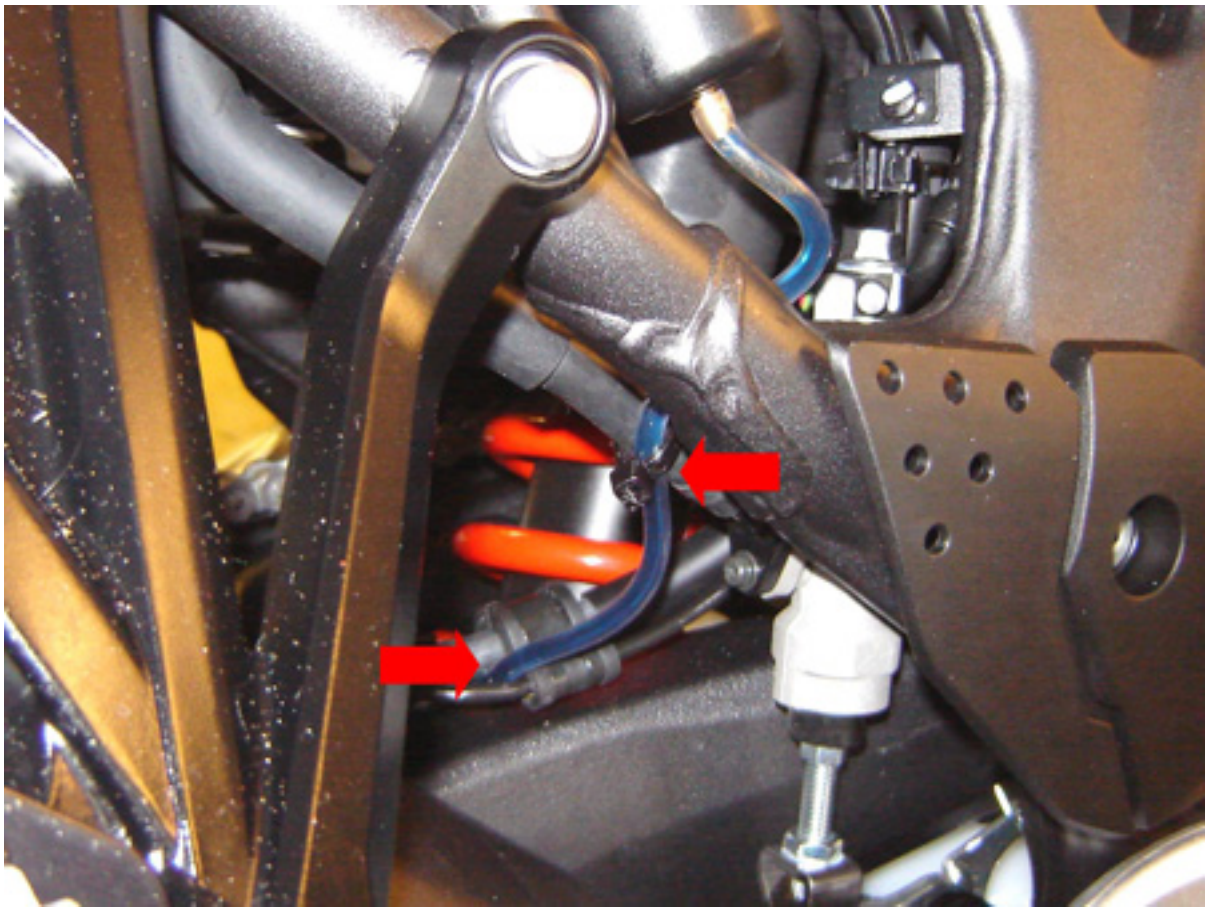
Step 2 - Find a place for the reservoir

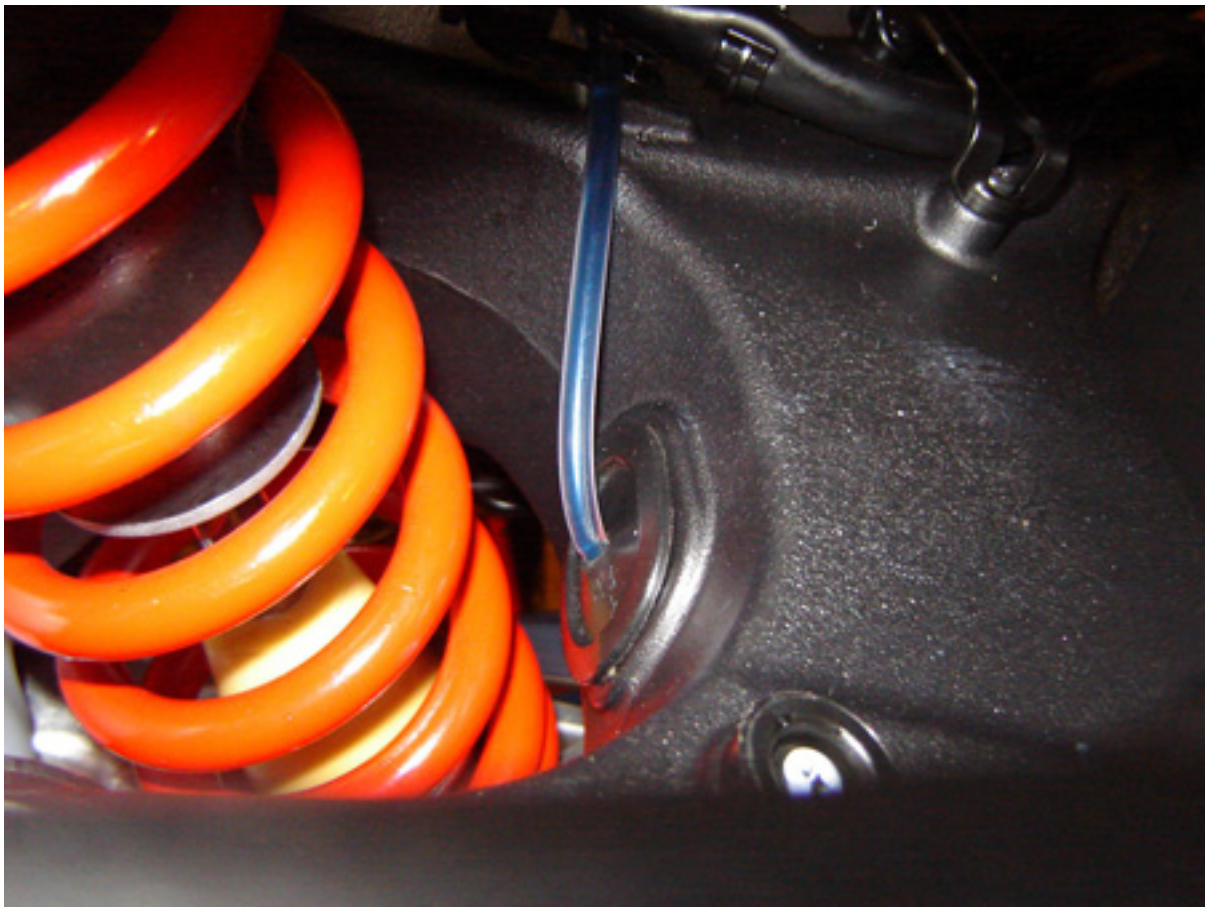
The RMV can be mounted on the frame or under the seat. The more vertical the RMV the better and remember to avoid exhaust and engine components.

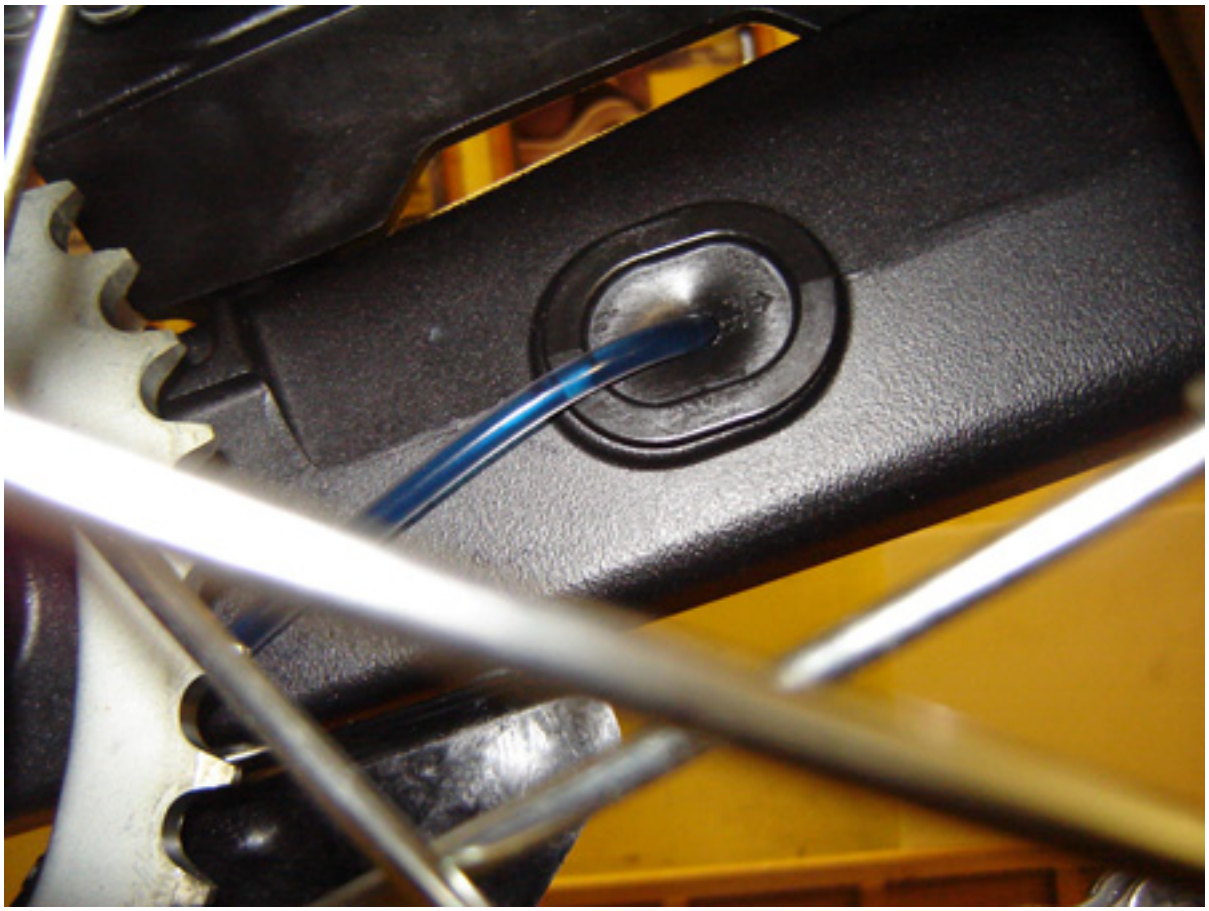
For further information, see – Reservoir Positions

Step 3 - Mount the dispenser and connect the system


The dispenser can be held using the small dispenser plate and clip, secured by the rear sprocket guard bolt. The tip of the injector should lightly touch the face of the sprocket, with the slash cut facing outwards.






The delivery tubing can be routed inside the swing arm to the rear of the suspension unit, and up to the RMV on the sub frame.

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

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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.

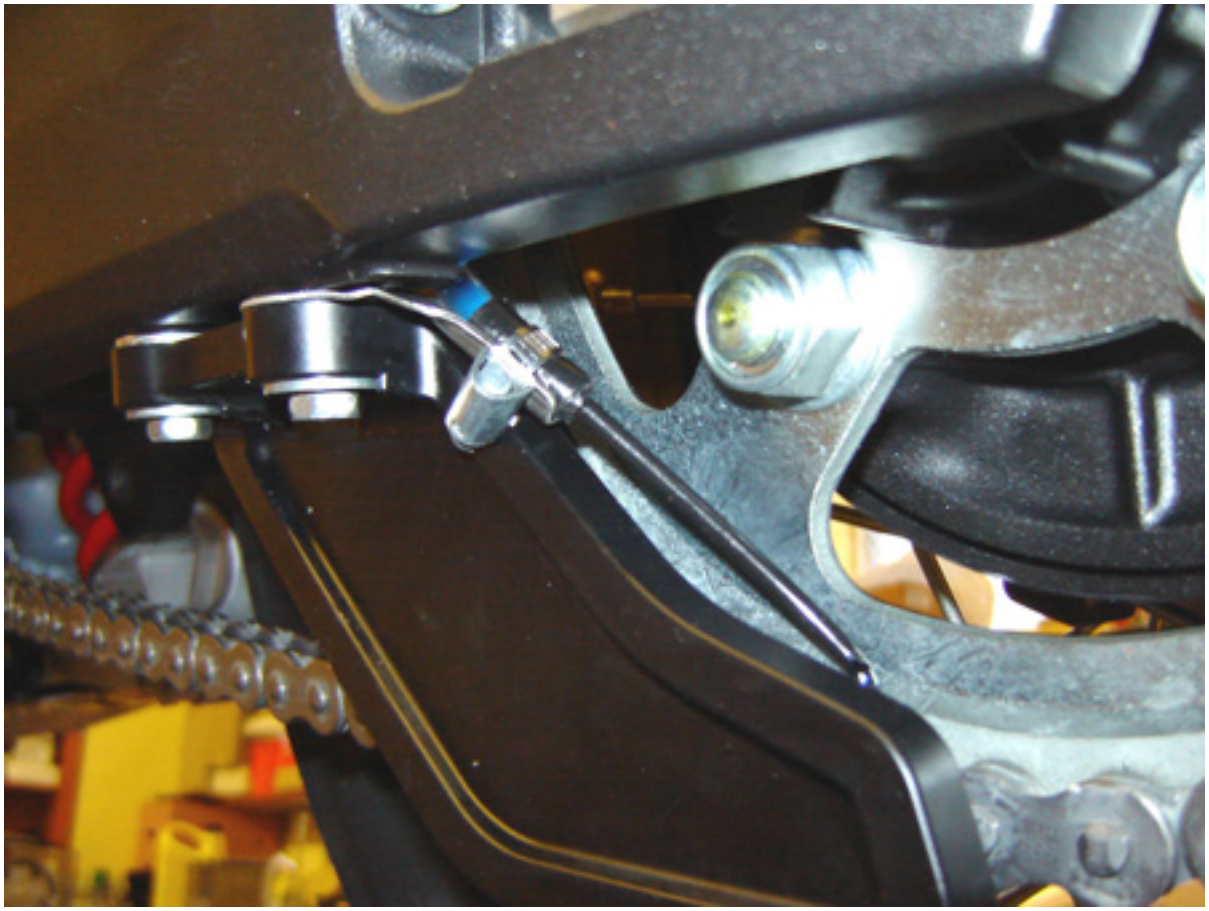
It ispossible to bend the bracket to shape, do so before fitting the Display Unit, part 1, to prevent damage to the unit. Alternatively, the Sticky Fastener, part 4, can be used to securely fasten the Display Unit to any flat surface e.g. the fork yokes.

Step 2 - Find a space for the reservoir

The REP can be mounted on the frame or under the seat and can be orientated anywhere between horizontal and vertical, as long as the nozzle is inclined upwards. Remember to avoid exhaust and engine components and to keep the

filling hole accessible.

Step 3 - Mount dispenser on your rear sprocket



The dispenser can be held using the small dispenser plate and clip, secured by the rear sprocket guard bolt. The tip of the injector should lightly touch the face of the sprocket, with the slash cut facing outwards.

The delivery tubing can be routed inside the swing arm to the rear of the suspension unit, and up to the REP on the sub frame.

Step 4 - Connect system to your battery

Locate the bikes' battery and attach the red terminal from the display unit to the +ve terminal on the battery, and attach the black terminal to the -ve terminal of the battery. The eSystem has to be directly wired to the battery to retain the settings. The eSystem only takes a minimal amount of charge from the battery, much less than a standard alarm.

Take care when routing the wires, avoiding hot engine and exhaust components and also avoiding moving parts such as the throttle linkages. Where possible follow existing wiring and secure using cable ties.

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 rear sprocket and then install the check valve. Do not install the check valve until the delivery tubing is full.For further information, see the website eSystem page which includes the Setup and Installation Guide.

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/crf1000-africa-twin-2016-2.html