DL650 V-Strom (2012 - 2017)



Product Compatibility

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

- Magnum HCR

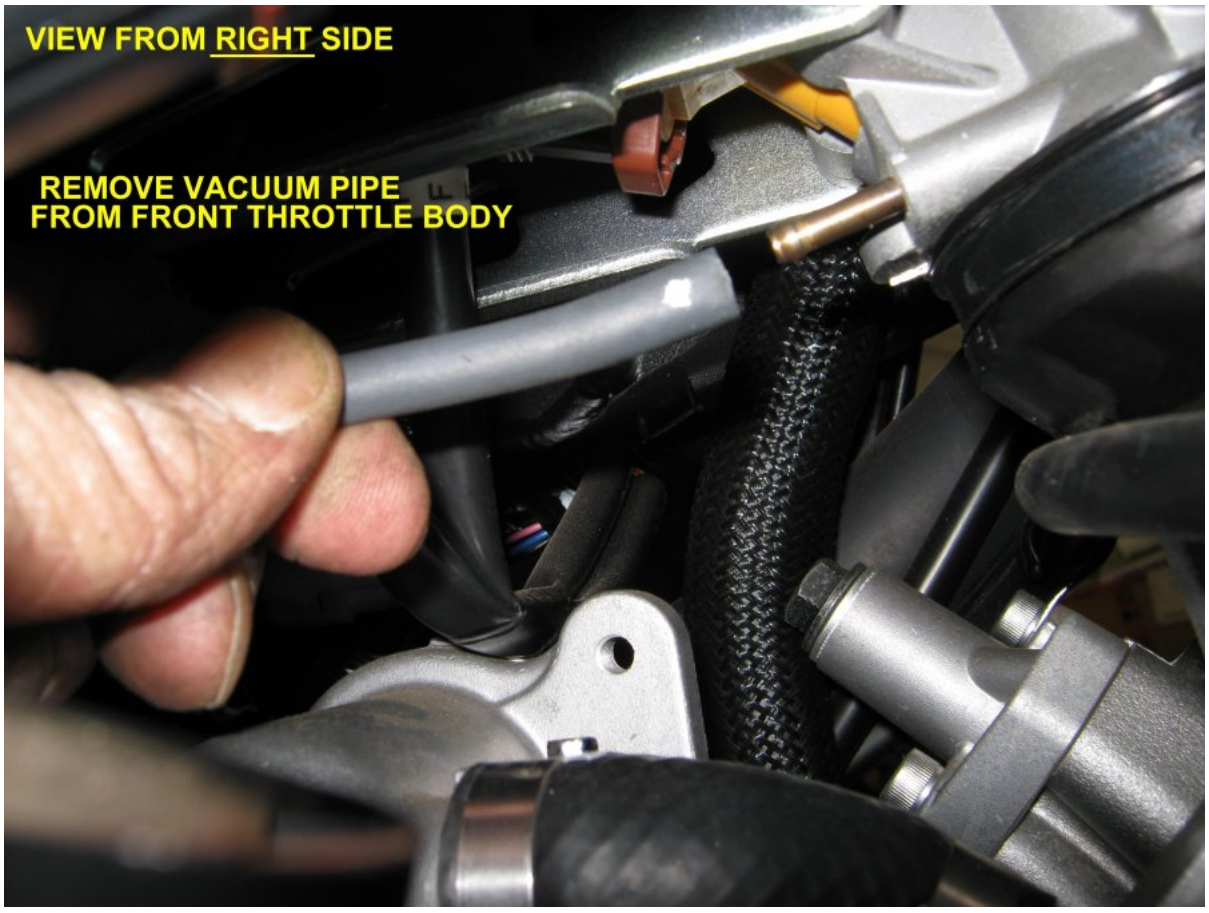
1. Go to vSystem Installation
2. Go to xSystem Installation
3. Go to eSystem Installation

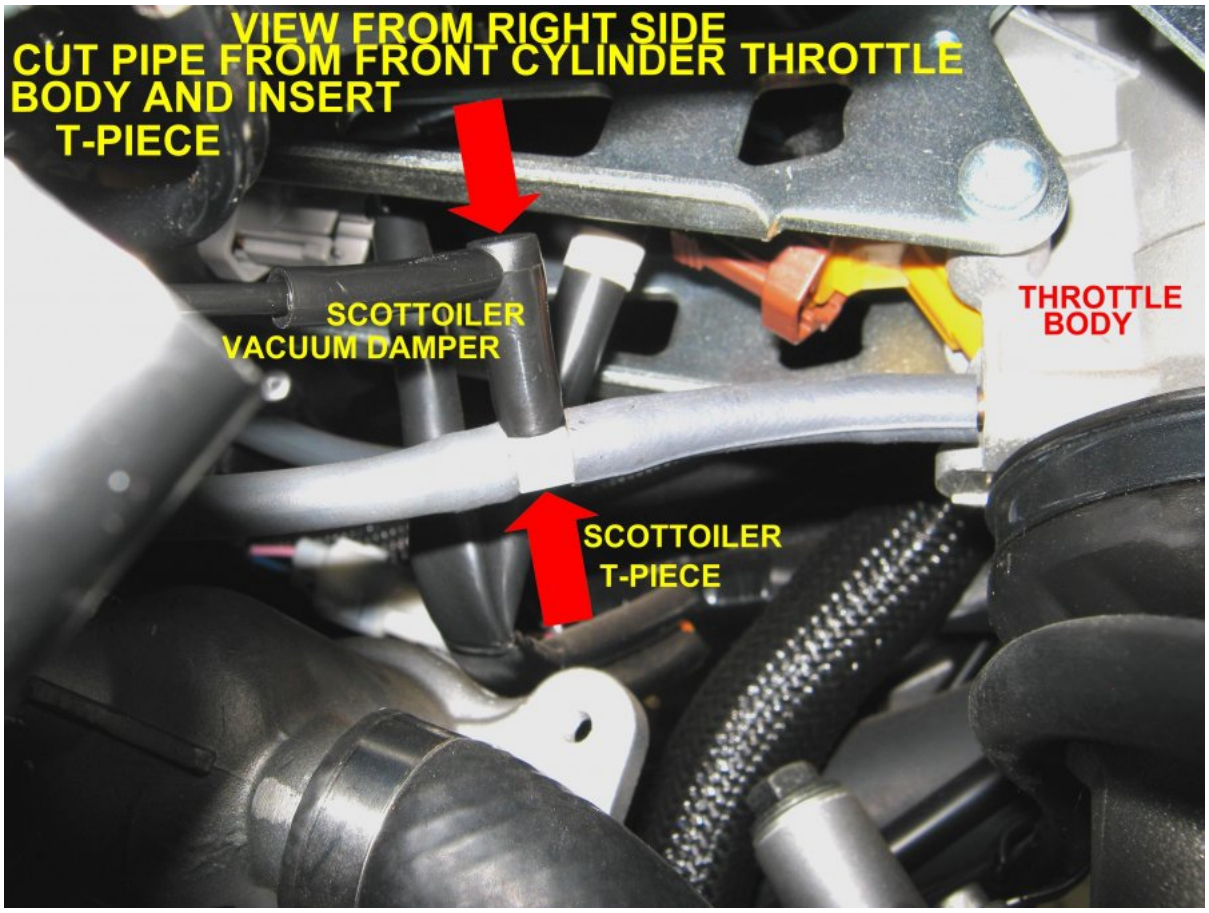
---

vSystem Installation

Step 1 - Find a vacuum source

Locate the vacuum - there is a vacuum pipe from a spigot on the inlet manifold. Cut into this pipe and insert the T-Piece from the Scottoiler kit. Then press the Damper Elbow onto the third leg of the tee. For further information see our easy step installation guide - Vacuum Connections General.


VIEW FROM RIGHT SIDE
REMOVE VACUUM PIPE
FROM FRONT THROTTLE BODY


VIEW FROM RIGHT SIDE
CUT PIPE FROM FRONT CYLINDER THROTTLE BODY AND INSERT T-PIECE
SCOTTOILER VACUUM DAMPER
THROTTLE BODY
SCOTTOILER T-PIECE

Step 2 - Find a place for the reservoir

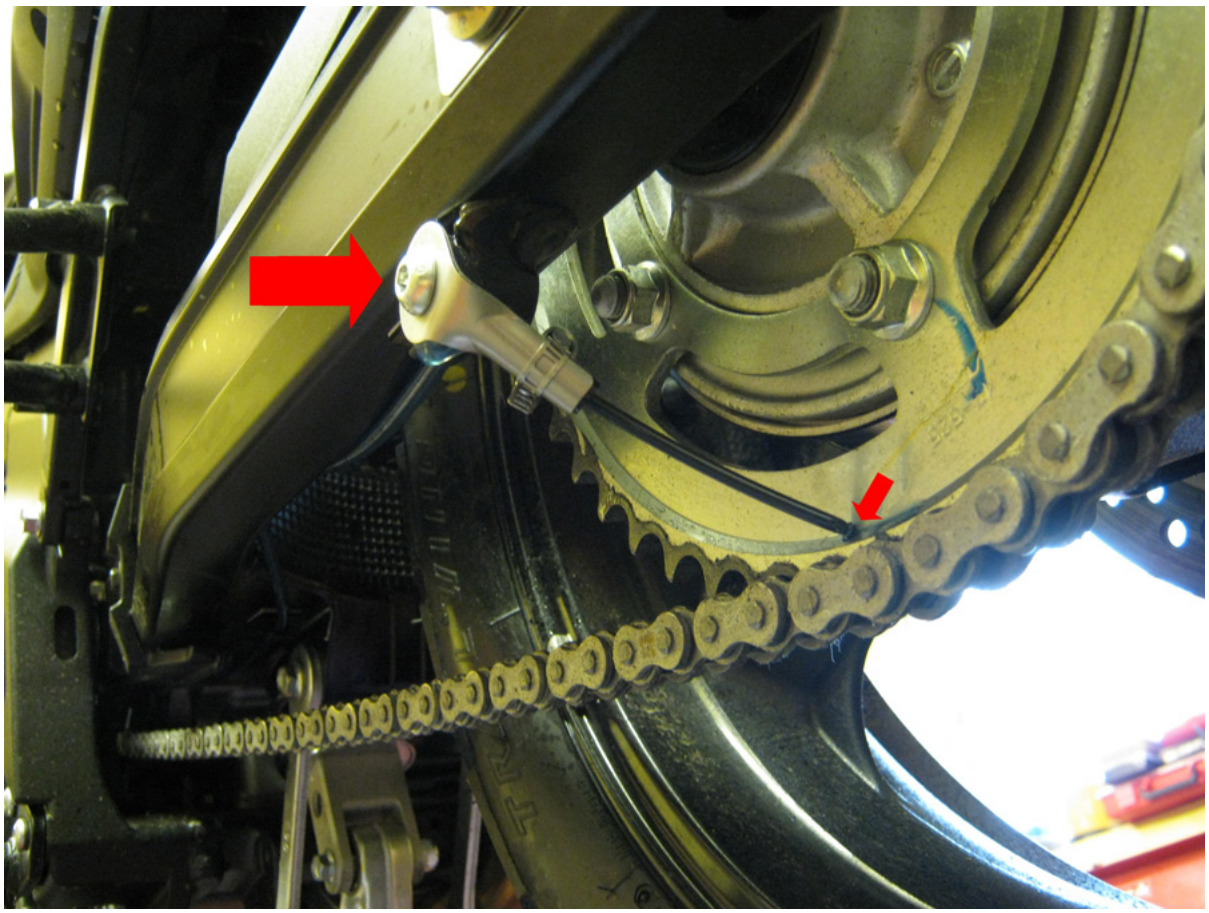
The reservoir can be mounted under the seat. The more vertical the reservoir is mounted the better. Avoid positioning the reservoir completely horizontally, as this will limit the available range. Remember to avoid exhaust and engine components. For further information, see our easy step installation guide – Reservoir Positions.



Step 3 - Mount the dispenser and connect the system

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.

In the image below the older type Dispenser bracket is used, the kits now come with the Multiform Dispenser Bracket and Micro Metal Dispenser. For more on Dispensers click Here



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.

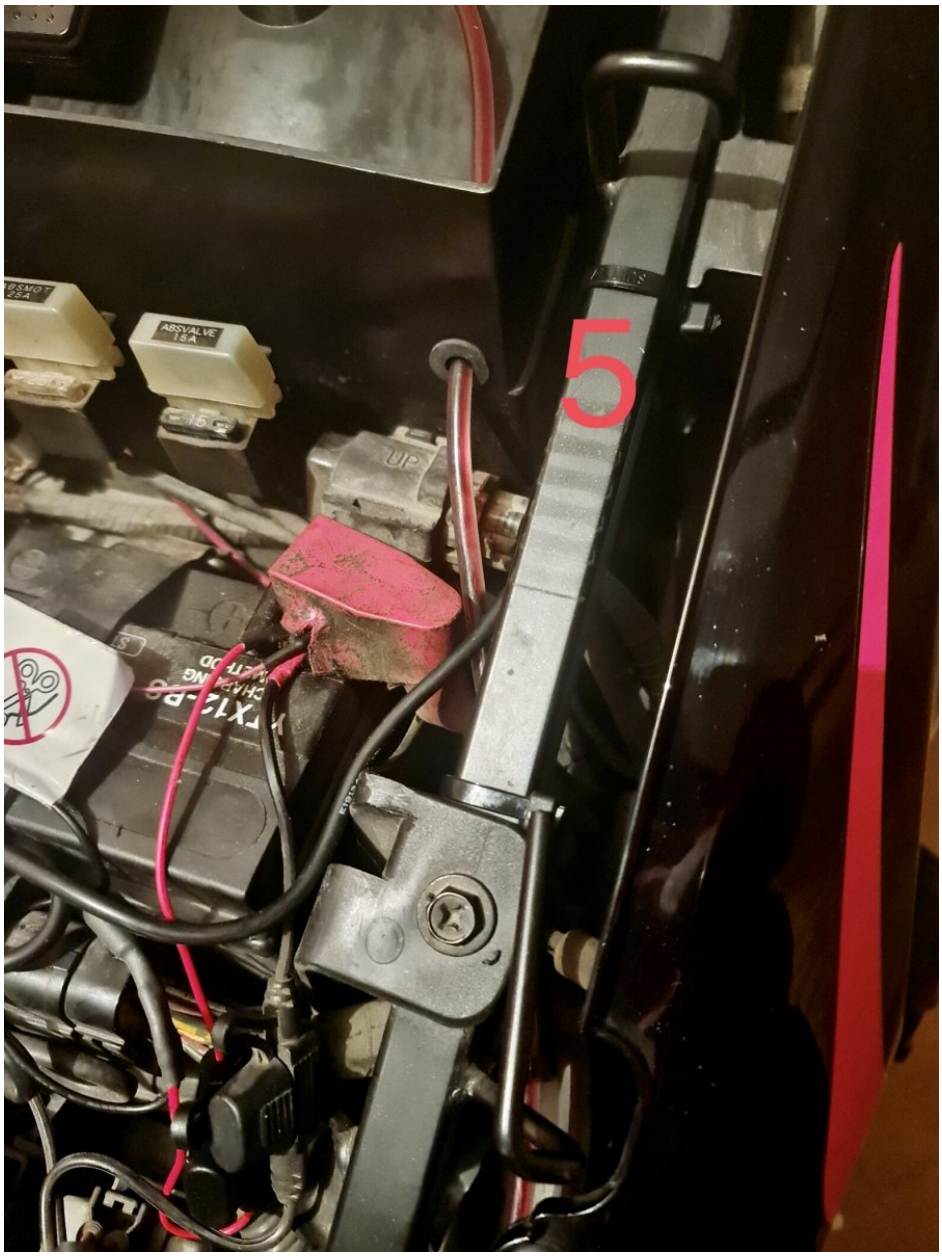
For best results clean your chain before fitting the Scottoiler using paraffin or similar. Then lightly oil the chain from the bottle using a rag or a brush, this allows the oil from the Scottoiler to reach both sides of the chain. 1 to 2 drops per minute will maintain this film of oil on the chain.

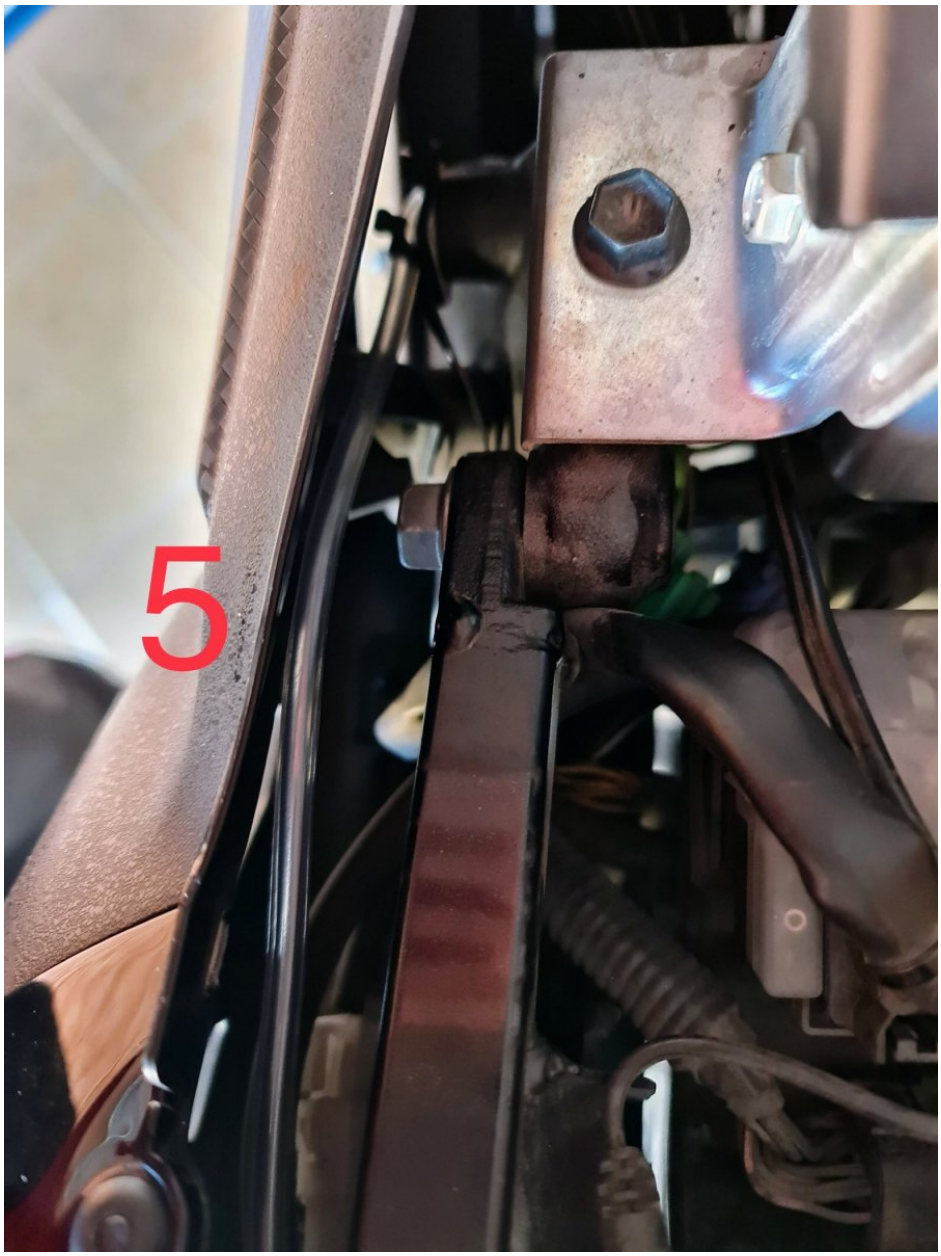
xSystem Installation

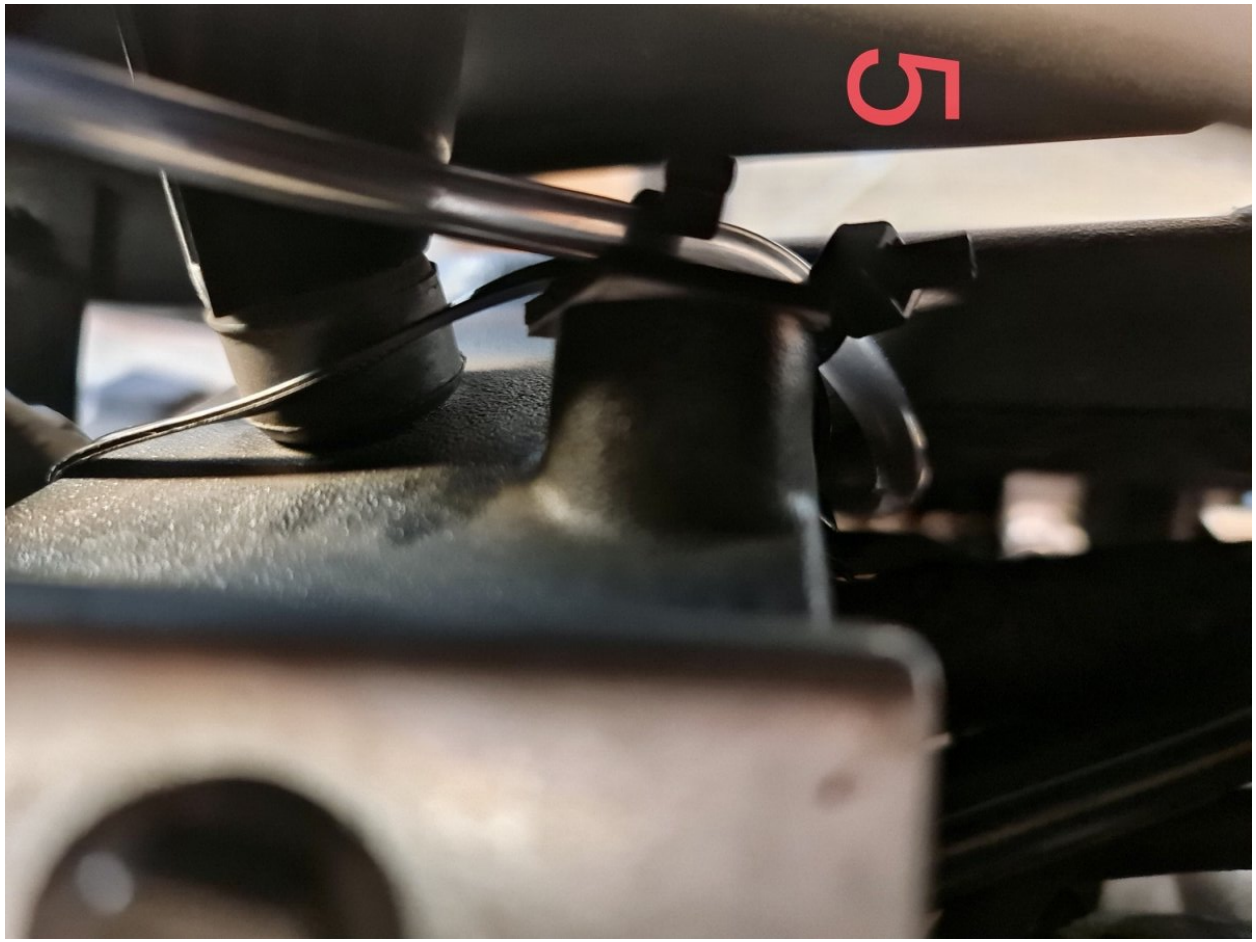
Below is a customers xSystem 2.0 install and he has kindly marked where the pictures refer to on the bike.


KIA
SUZUKI
650 V-Strom
*
5
4
3
2
1



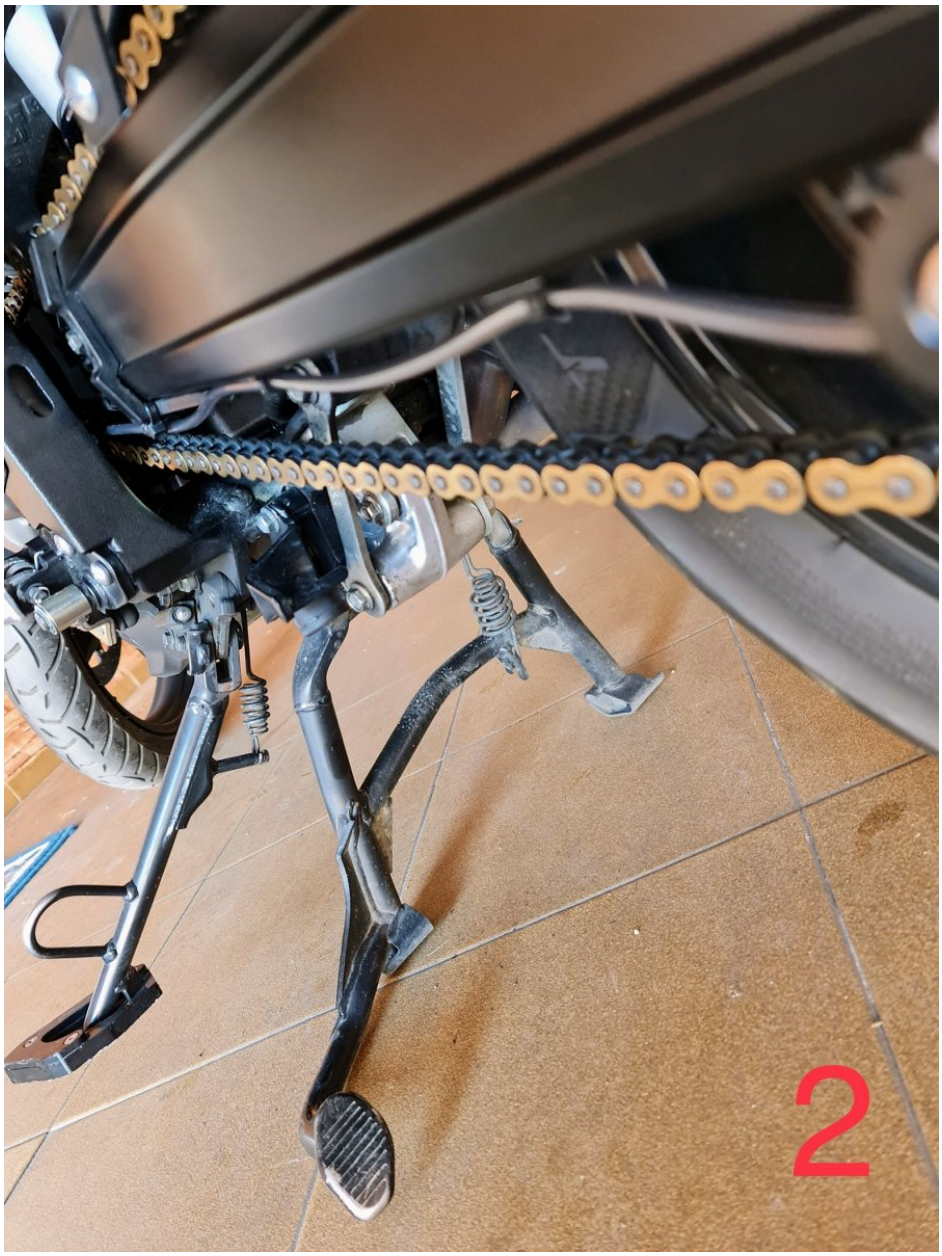

ABSVALVE
15A
UP
5


5


5


4


3


2


150/70 R 17 M/C 69 V
1

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.



This is a generic image.

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.



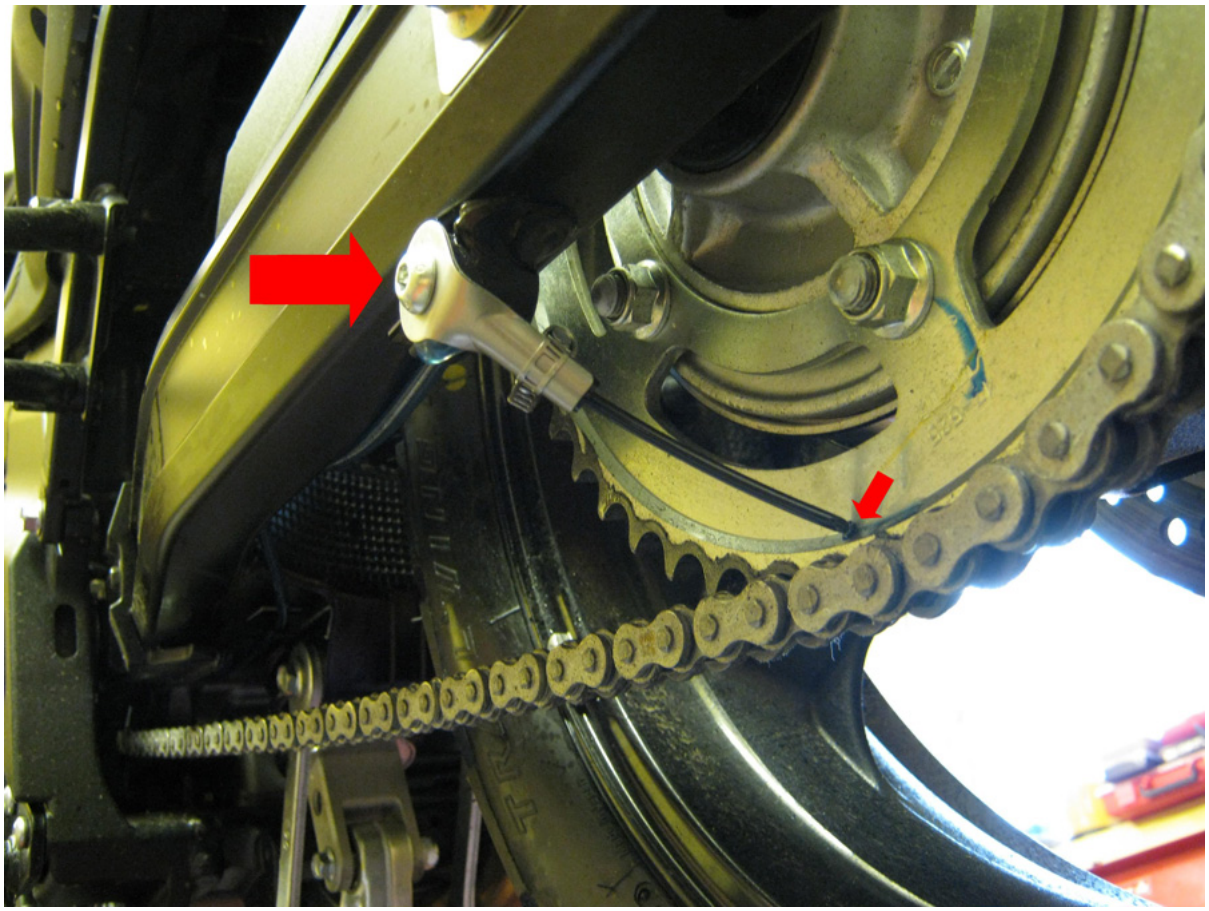
Step 3 - Mount dispenser on your rear sprocket

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/dl650-v-strom-2012-2017-341.html