NT1100 (2022-)



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

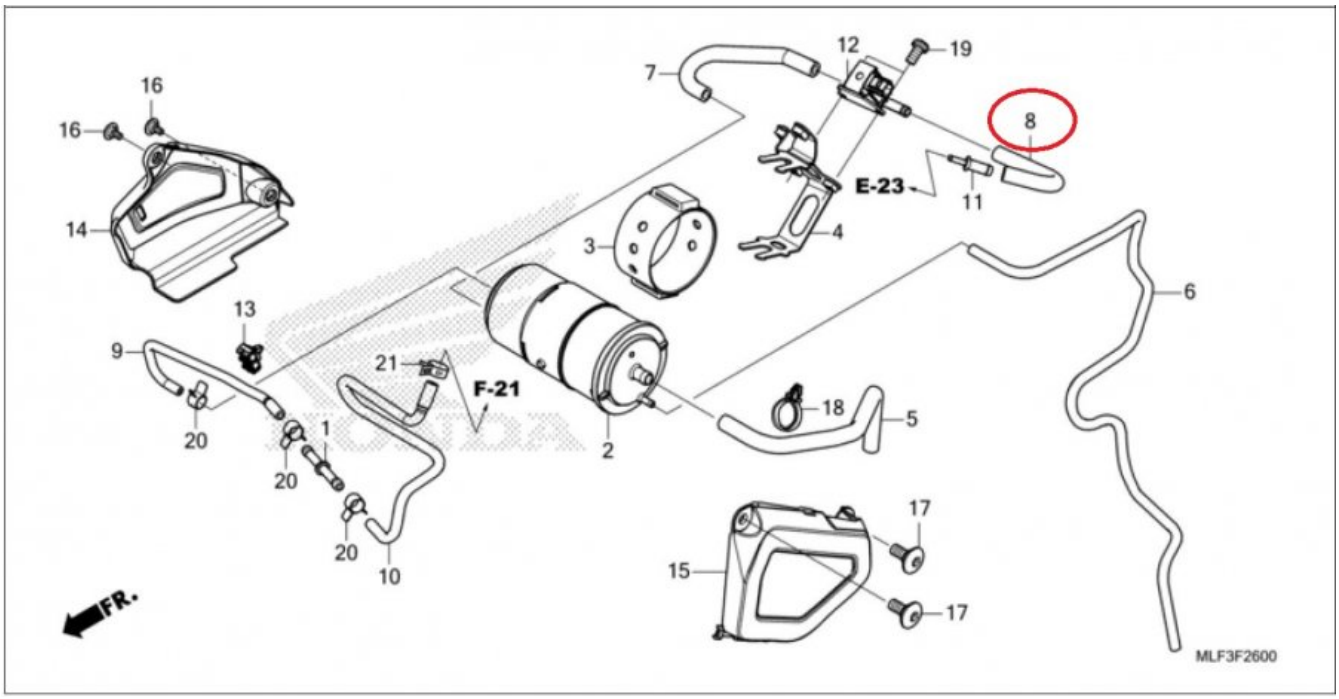
Estimated fitting time: 1hr 45min (2021 - 2024) / 2hr 30min (2025 >)

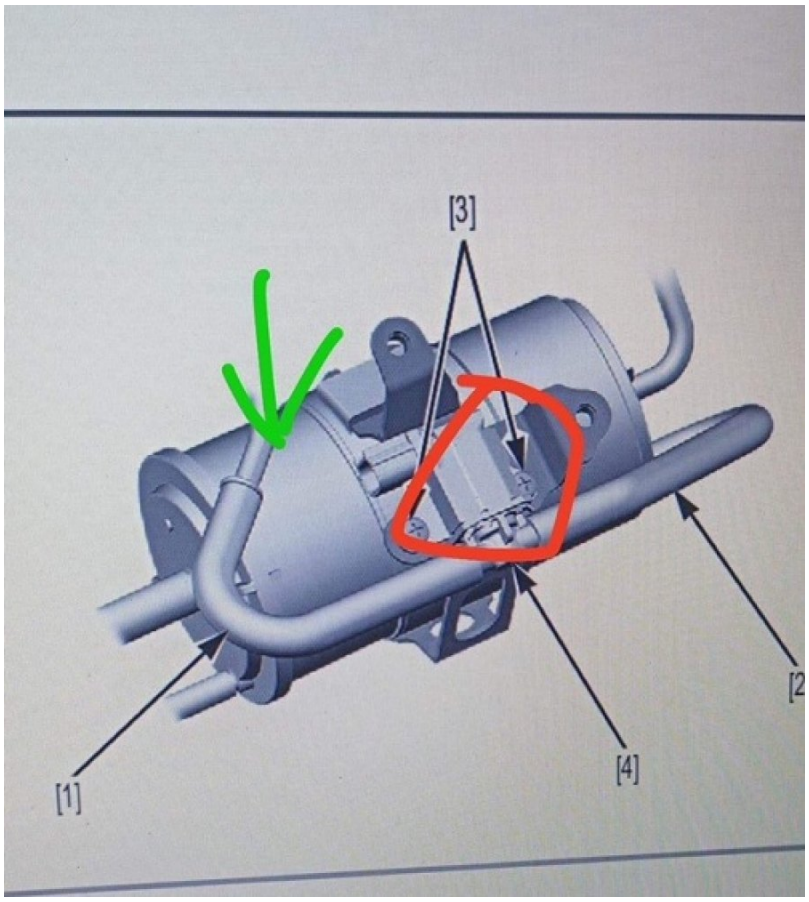
Step 1 - Find a vacuum source

The first step is to find the vacuum connection on your bike. This could be an already existing and blanked off vacuum spigot, a vacuum blanking screw, a vacuum operated fuel tap or a balancing pipe between your cylinders. 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.

2022 - 2024 Models

Below is the parts diagram of the NT1100 EVAP system



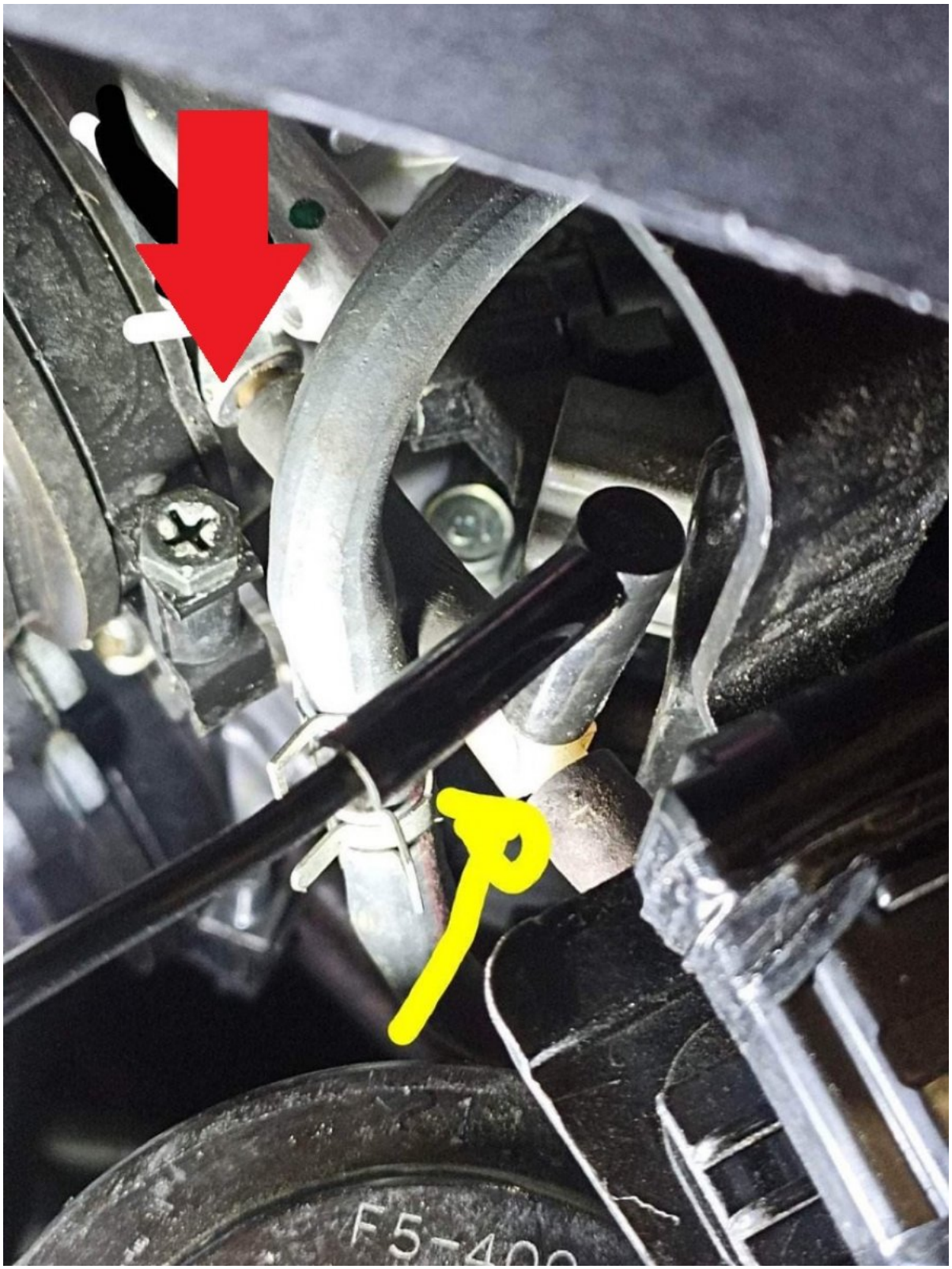


The purge valve is located under this panel on the left hand side of the motorcycle



Cut into this pipe to insert the T piece



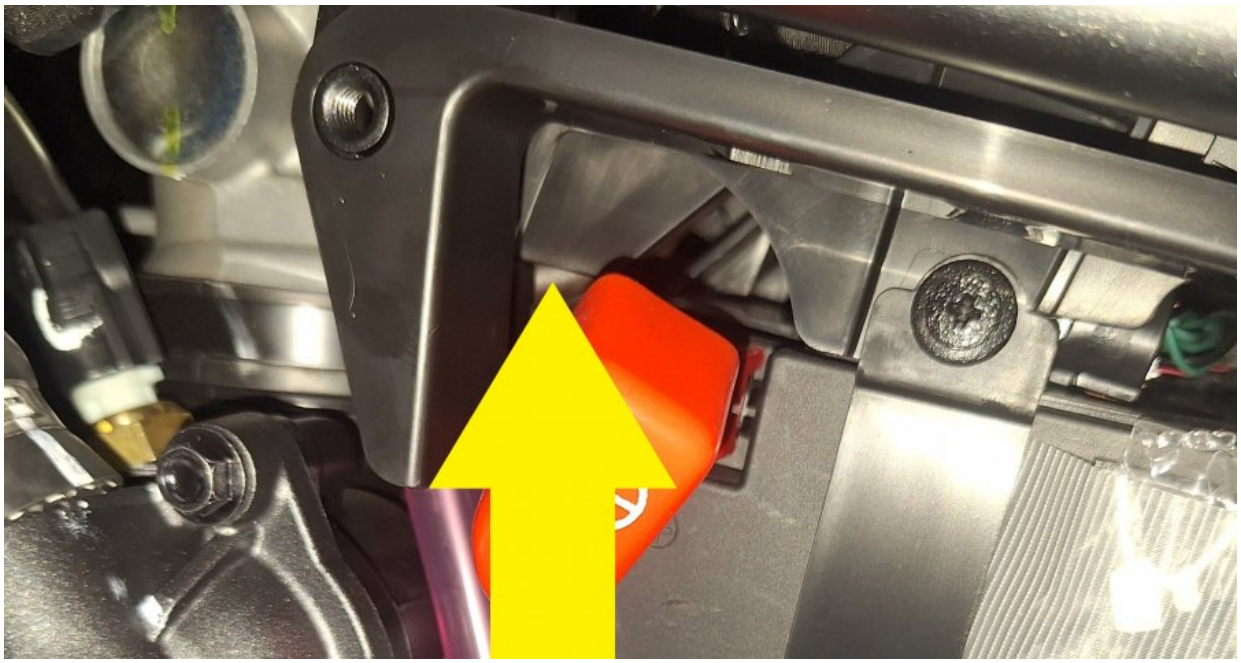


Pipe exiting throttle body marked by red arrow


F5-400-1



Due to the location of the battery from 2025 onwards the battery + battery box will need to be removed for access to required vacuum feed pipe.



Location of vacuum feed pipe shown by the yellow arrow behind the positive battery terminal.

Find a place 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.

Reservoir position

If installing the RMV in the area below make sure you check there is enough clearance from the swingarm when the suspension is fully compressed



Below are example locations for the reservoir



Mini vSystem





Step 3 - Mount the dispenser and connect the system

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

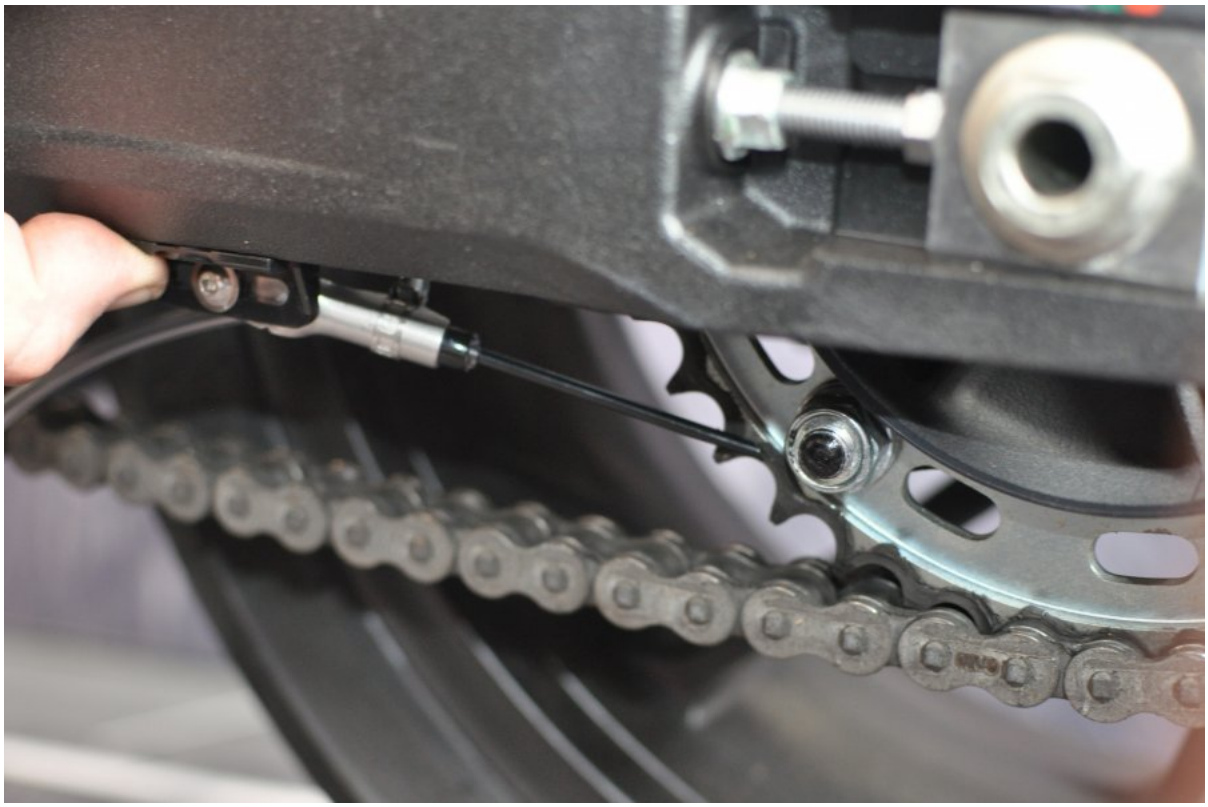
adjustment in line with your chain variance.

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.

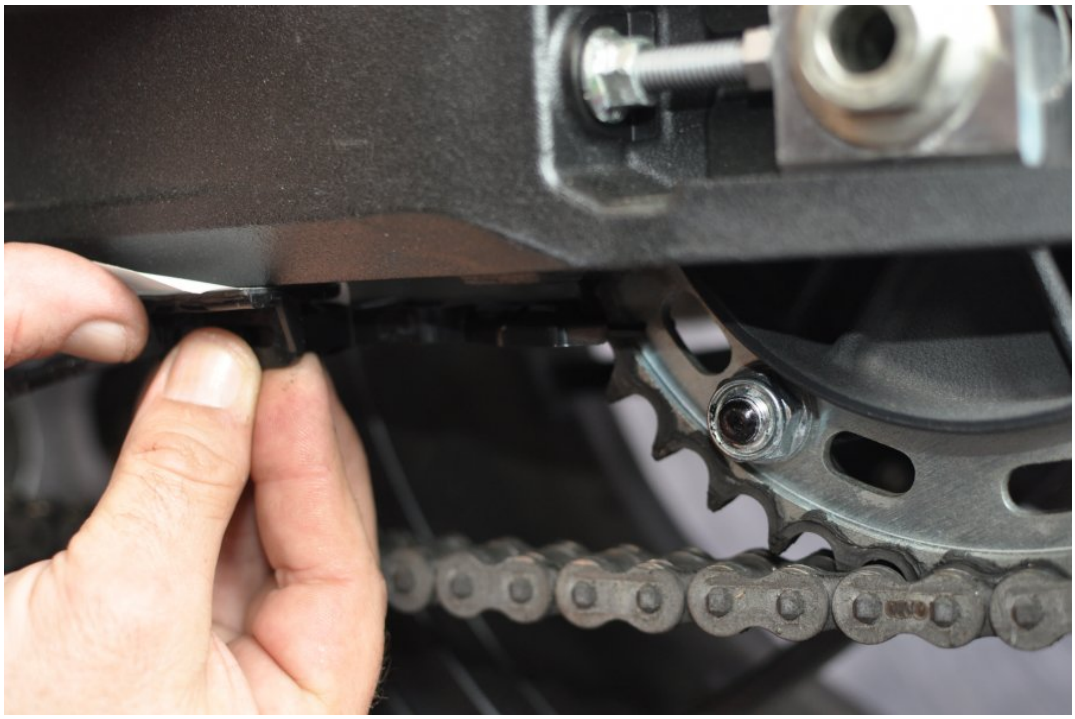
The delivery tubing can be routed along the swing arm using self- adhesive cable clips. For further information see our easy step installation guide - Dispenser Positioning.

Single Dispenser





Scorpion Dual Injector



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.

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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.

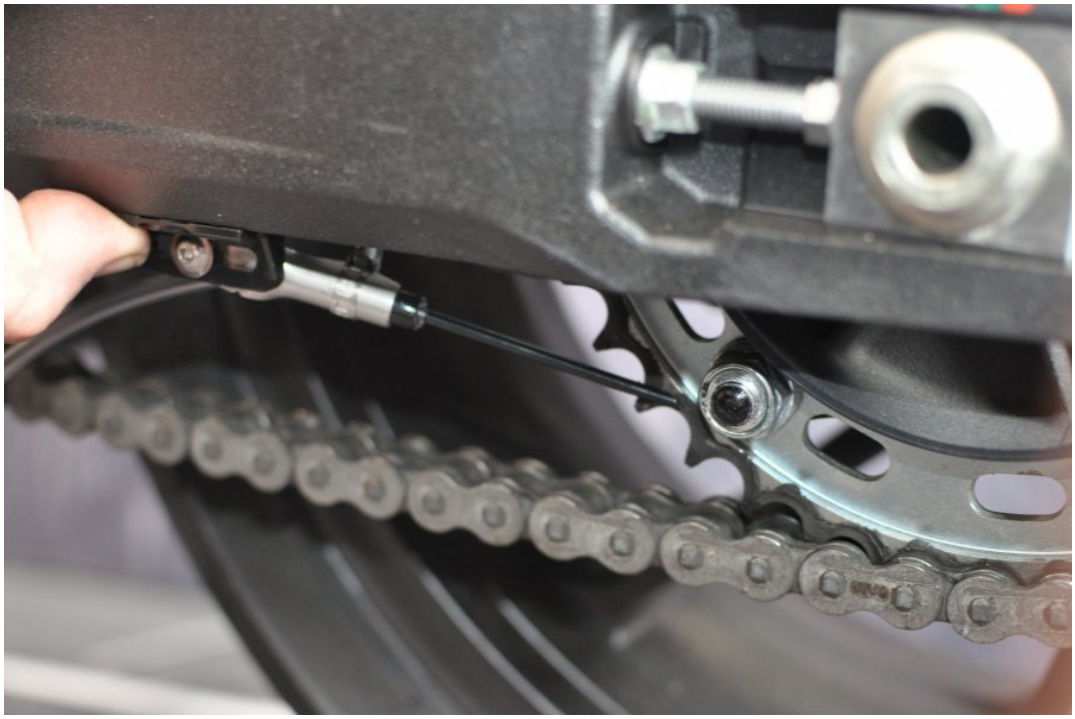
If you have our system installed on this specific motorcycle model, we would appreciate if you could send us pictures. With more pictures we can make the Installation even easier for all motorcyclists. Please send us your feedback and photos to technical@scottoiler.com.

Estimated fitting time: 1hr





Dispenser Location





eSystem Installation

Estimated fitting time: 1hr 15min

General eSystem guide

The eSystem 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:

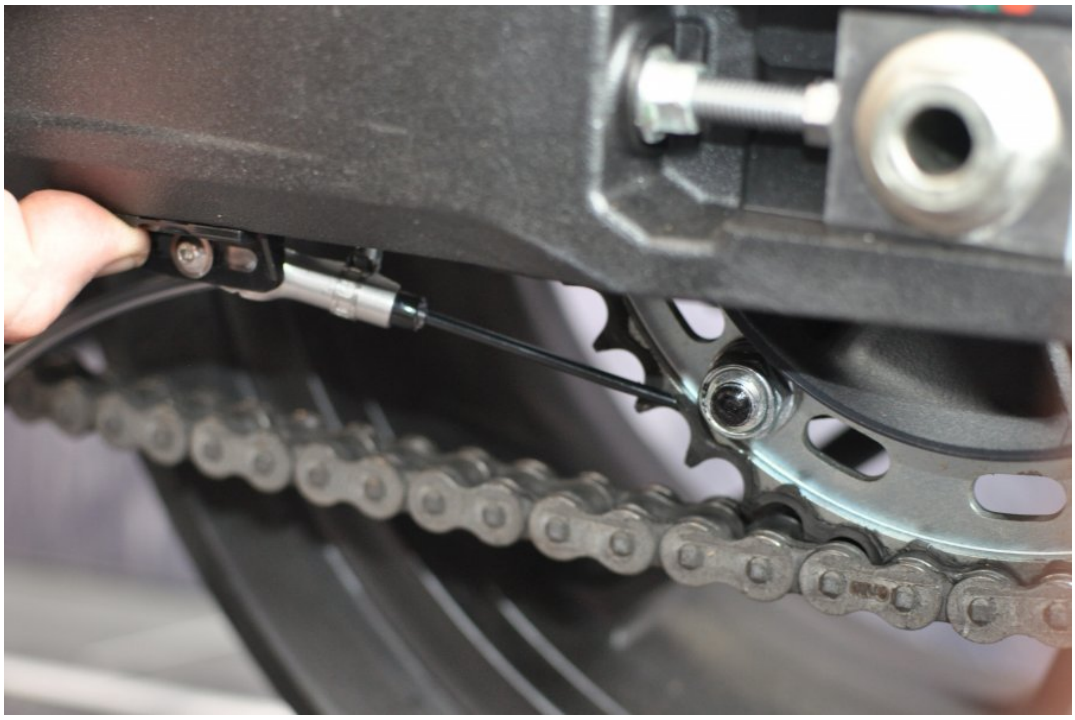
- Mount the display on your handlebars
- Connect the display and reservoir to your battery
- Attach the dispenser and route the delivery tubing to the reservoir

For an example of the installation see our eSystem v3.1 Fitting Instructions.

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.



Dispenser Location



Online URL: https://marketingengineer.de/article/nt1100-2022-603.html