Hypermotard & Hyperstrada - (2013 - 2018)



Product Compatibility

- vSystem + M5 Spigot
- 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
4. Magnum HCR Workaround

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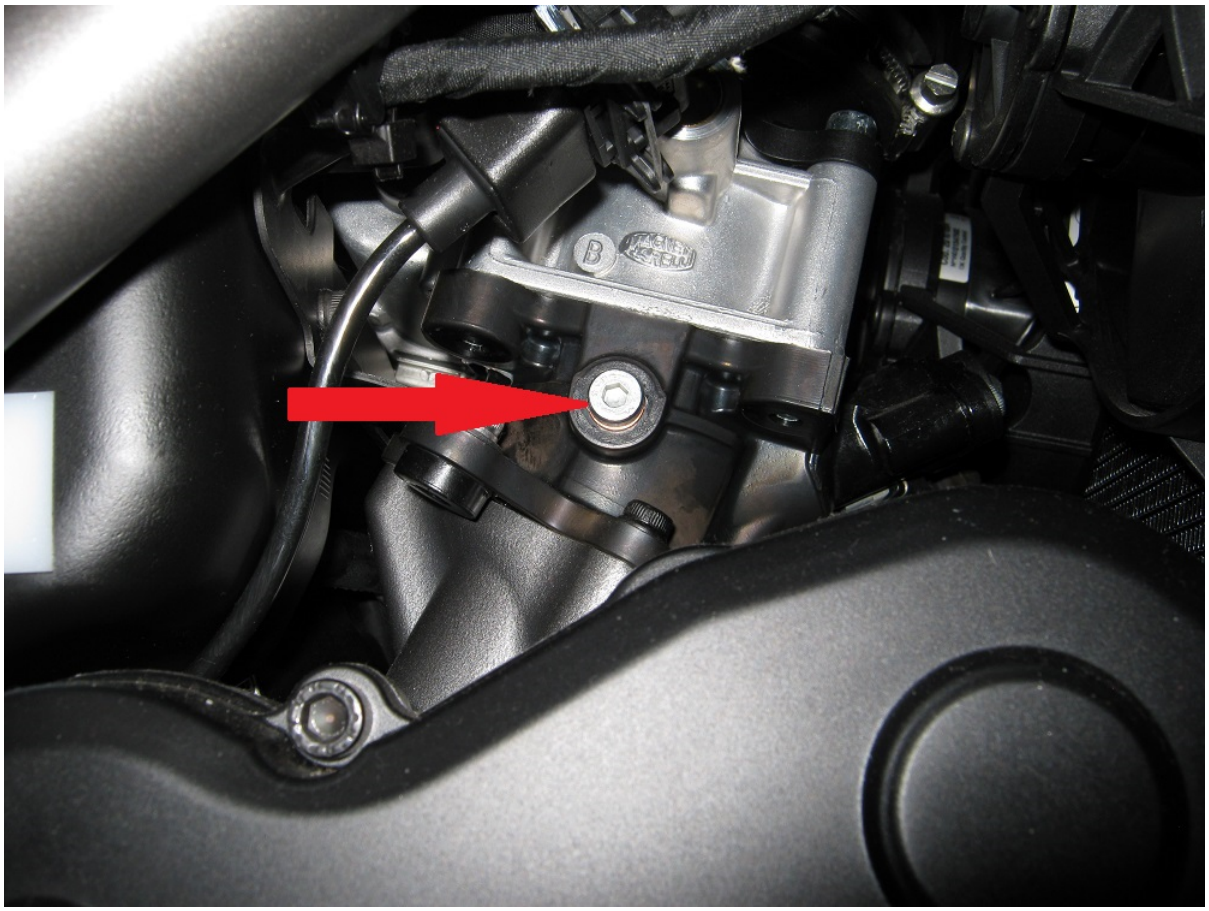
vSystem Installation

Step 1 - Find a vacuum source

Locate the vacuum – There is a vacuum point on the inlet tract. Remove the screw and replace with the M5 Brass Spigot from the Scottoiler kit, using some RTV Silicon Sealant on the threads to ensure an airtight seal. Then press the Damper Elbow onto the spigot. For further information see our easy step

installation guide - Vacuum Connections General.

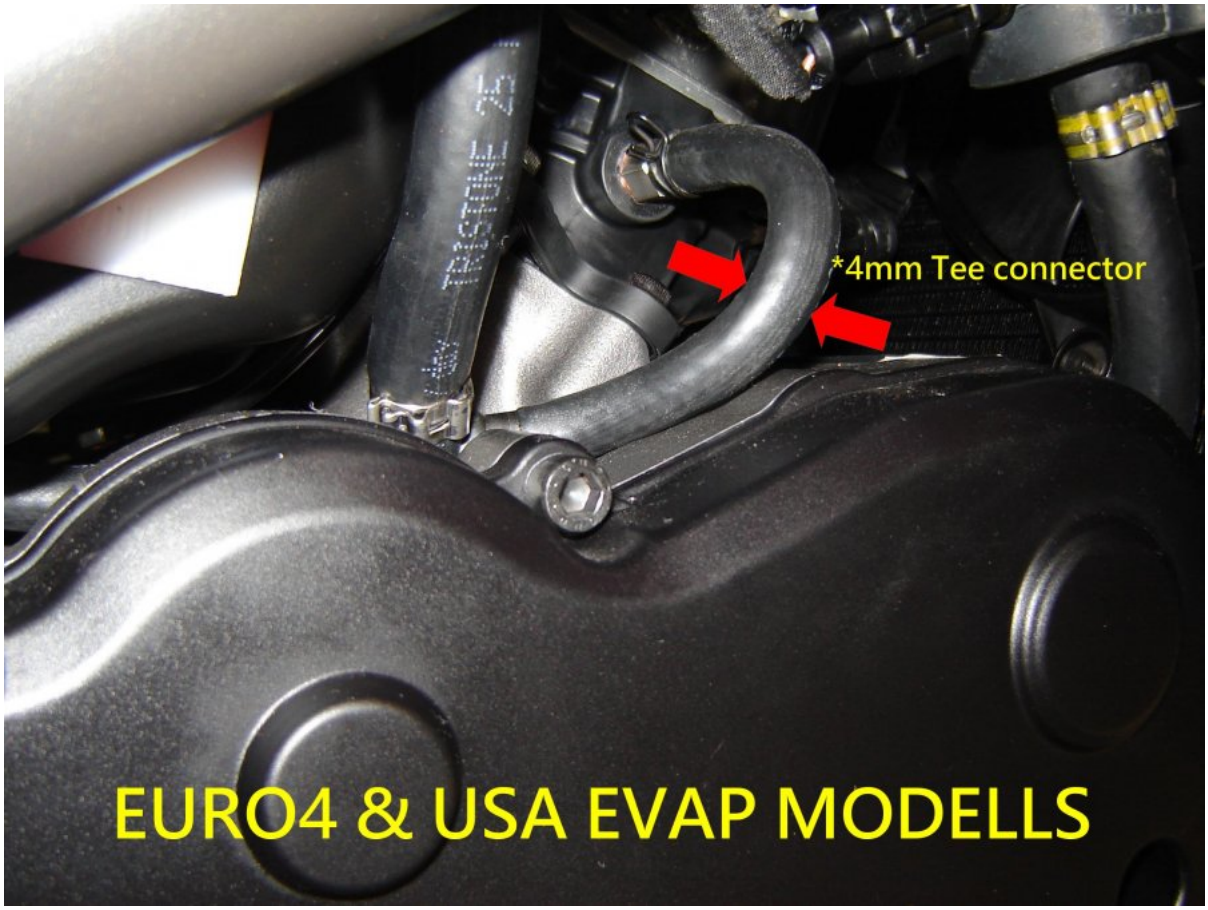


Note: 6mm Spigot used

***For USA and Euro4 model with EVAP systems : -**

Step 1 - Find a vacuum connection

There is a vacuum pipe from the throttle body to the EVAP purge valve. You can read more about the EVAP System and how to identify the correct vacuum pipe here. Cut this pipe and insert the 4mm Tee connector, and push the vacuum damper elbow onto the third leg of the tee.



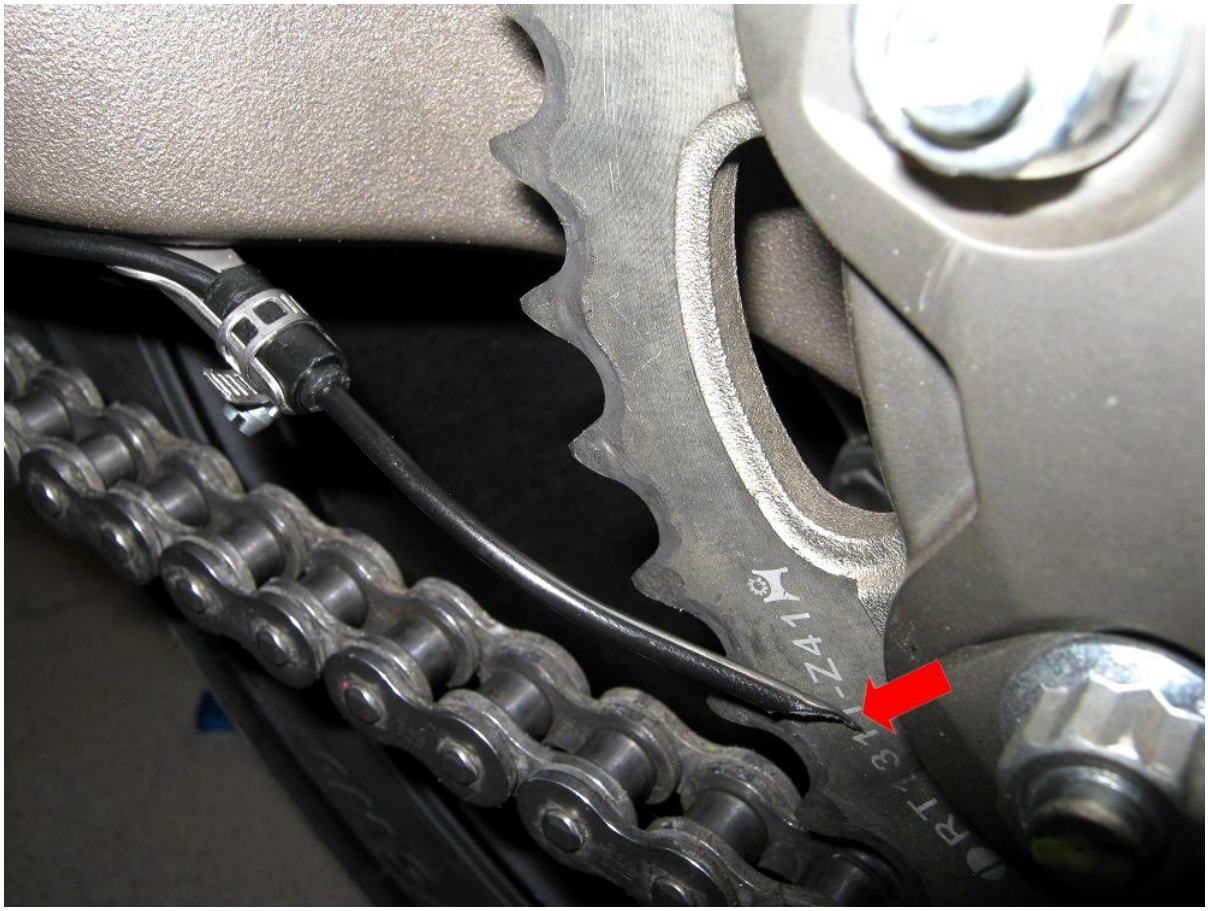
Step 2 - Find a place for the reservoir

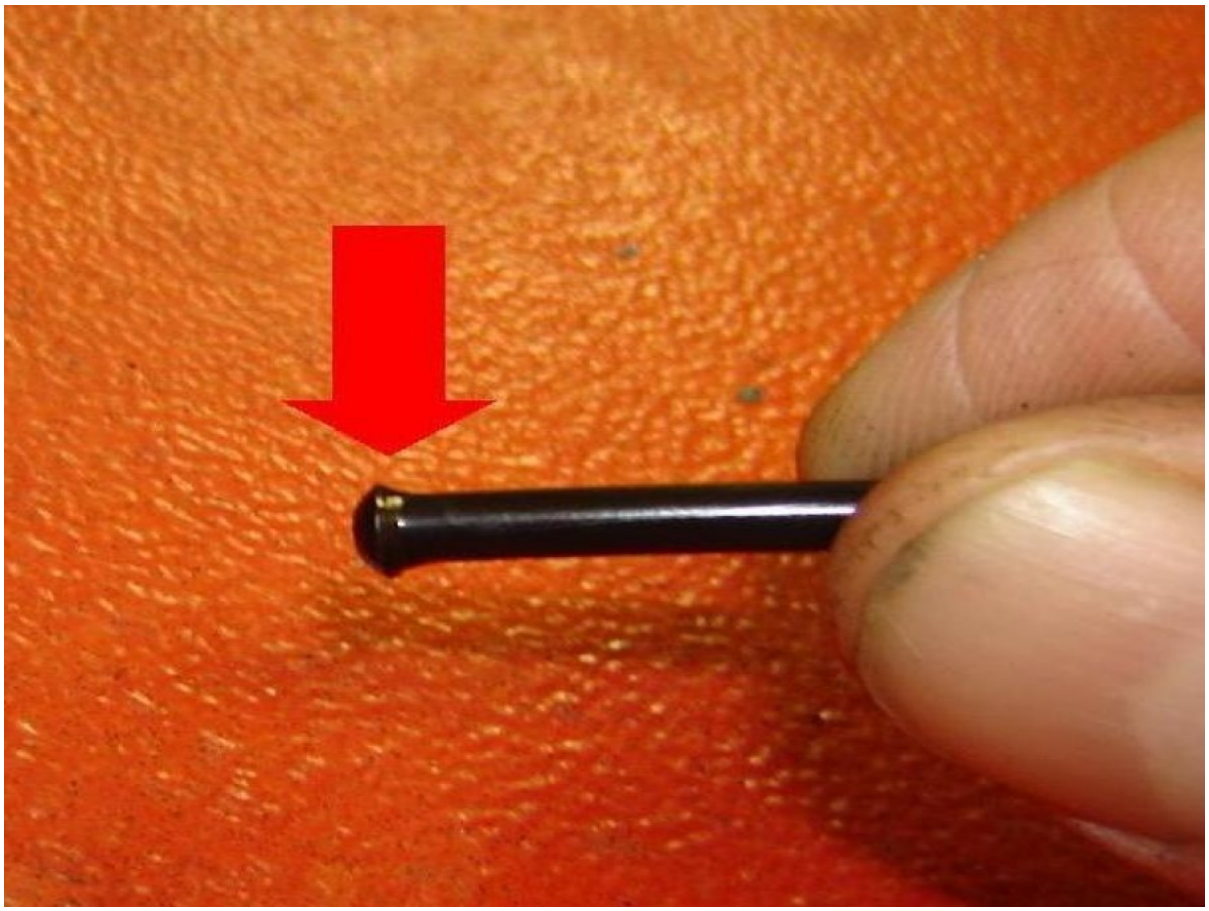
The reservoir can be mounted to the frame. The more vertical the reservoir is mounted the better. Avoid positioning the reservoir completely horizontally, as this will limit the available range. Remember to avoid exhaust and engine components. For further information, see our easy step installation guide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

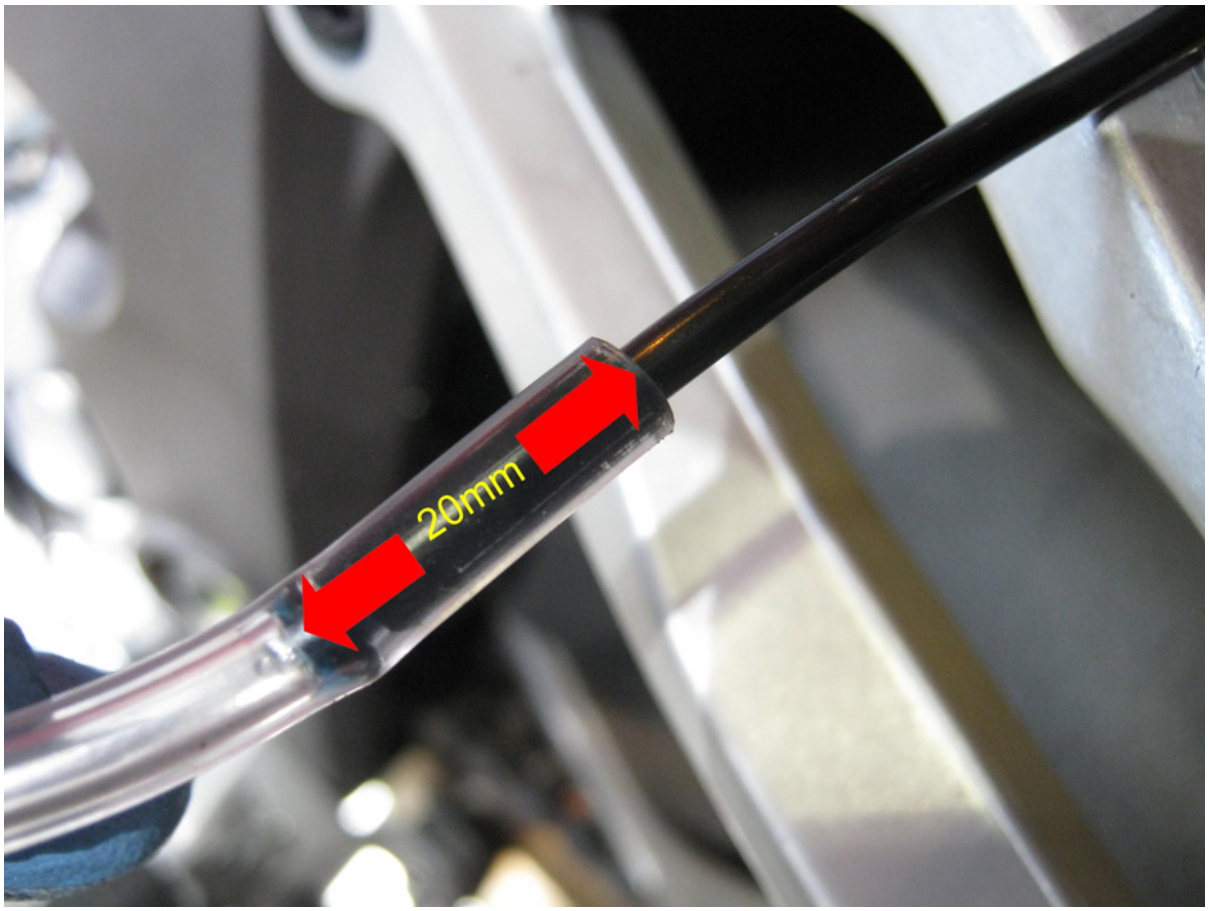


Step 3 - Mount the dispenser and connect the system

A dispenser can be made from vacuum tubing using the small dispenser plate and clip. The tubing can be routed with the rear brake line. For further information see our easy step installation guide - Dispenser Positioning. The curved nib should feed the outside face of the sprocket, with the slash cut facing outwards.







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.

eSystem Installation

Step 1 - Find a place for the display

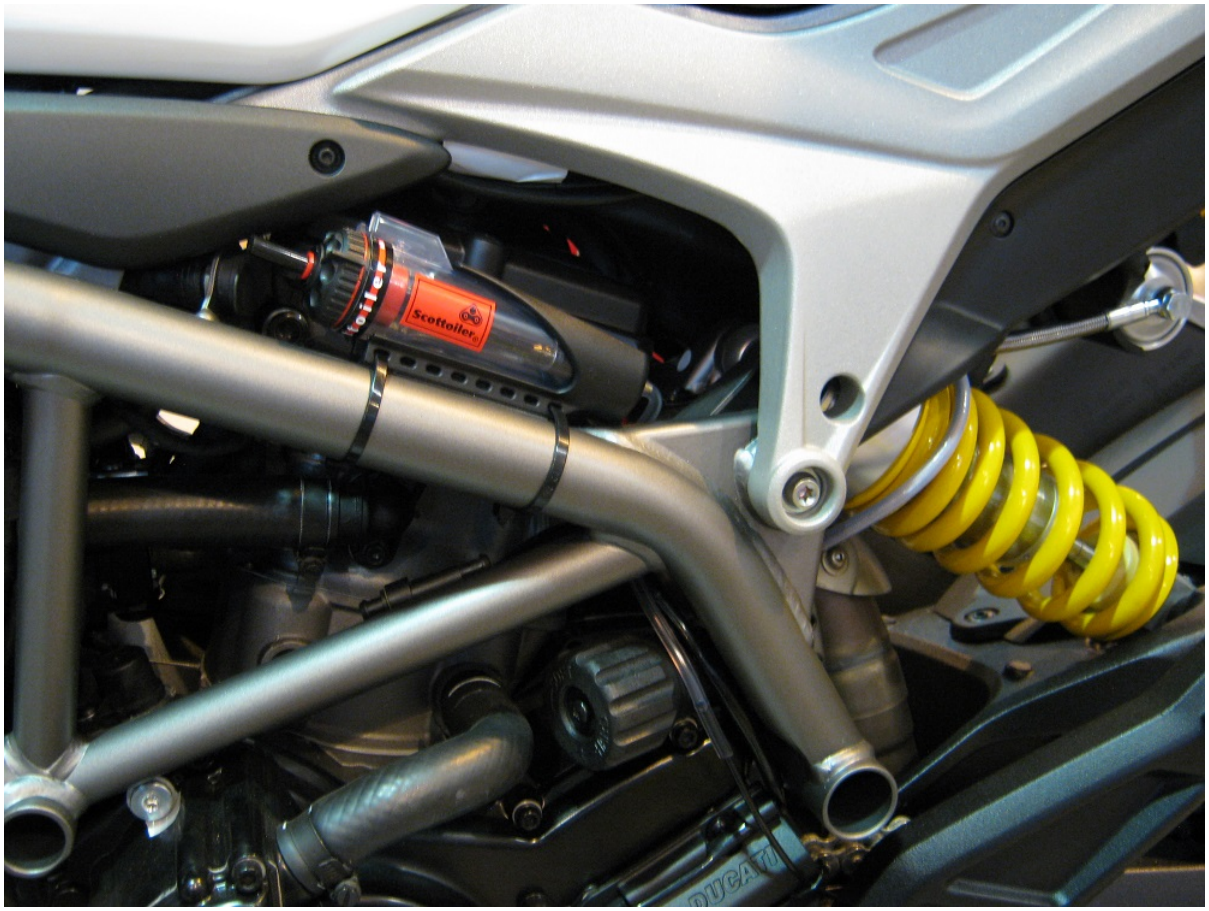


Note : generic image

Step 2 - Find a space for the reservoir

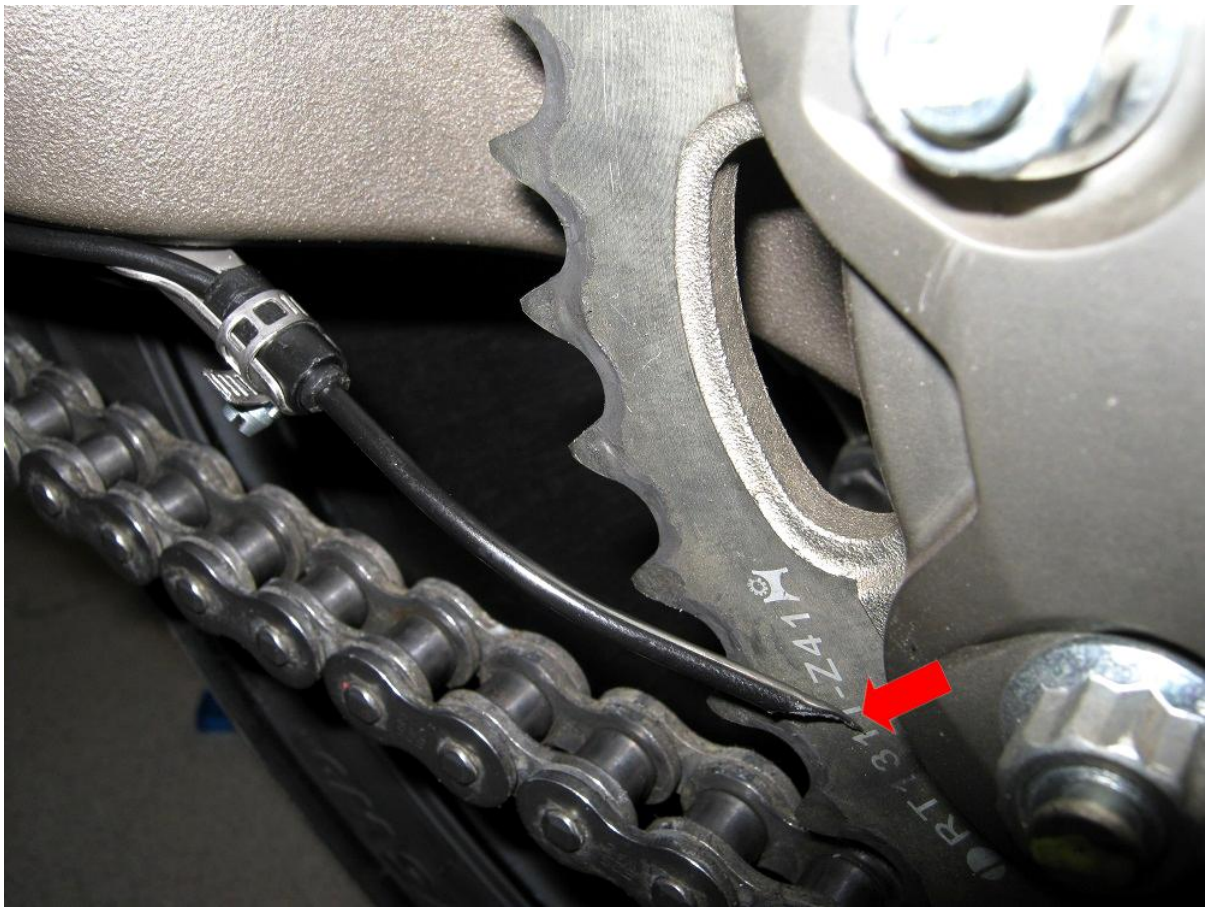
The reservoir can be mounted to the frame. The more vertical the reservoir is mounted the better. Avoid positioning the reservoir completely horizontally, as this will limit the available range. Remember to avoid exhaust and engine components. For further information, see our easy step installation guide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

Reservoir Positions.



*vSystem reservoir shown

Step 3 - Mount dispenser on your rear sprocket



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.

Magnum HCR Installation Workaround

Information

One of our customers has managed to find a workaround for the Magnum HCR Tank installation. This is not the official installation and will need some feedback from users.



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Online URL:
https://marketingengineer.de/article/hypermotard-hyperstrada-2013-2018-370.html