1290 Super Duke & GT - (2014 to 2020)

Product Compatibility

- vSystem +
- xSystem + KTM 1290 Superduke + GT dispenser adapter (SA-0622BL)
- eSystem +
- Traveller Expansion Bag

- Magnum HCR
- Scorpion Dual Injector

1. Go to vSystem Installation (2016 onward)
2. Go to vSystem Installation (2014-2016)
3. Go to xSystem Installation
4. Go to eSystem Installation
5. Scorpion Workaround

---

vSystem Installation with EVAP (2016 onwards)

Step 1 - Find a vacuum source

There is a vacuum pipe from the inlet tract to the EVAP system. You can read more about the EVAP System and identifying the correct vacuum pipe here. Cut this pipe and insert the 6mm Tee connector. Push the vacuum damper onto the third leg of the Tee connector.

Note: View from the right side of the engine.

vSystem Installation for models without EVAP systems (2014 to 2016) see below:

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: Use KTM washer with the Scottoiler M6 spigot. Lightly apply silicon the threads. **Do not over-tighten the spigot!!**

Push vacuum damper onto spigot.

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

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.

Adapter Required

This installation requires a KTM 1290 SuperDuke adapter (SA-0622BL) to secure the dispenser on the swing arm.

Single injector fitted using KTM 1290 Superduke + GT dispenser adapter (SA-0622BL)

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

General xSystem guide

The xSystem chain oiler is really easy to install and can be mounted on your bike is less than 1 hour. The installation consists of three simple steps:

- Find a place for the reservoir, either on the frame or under the seat
- Connect the reservoir to your battery
- Route the dispenser to your rear sprocket

For an example of the installation see our xSystem Installation Video .

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.

The dispenser is held using the dispenser plate and clip, secure by the slipper strip bolt. The Injector must lightly touch the outside face of the sprocket, with the slash cut facing outwards. Use self adhesive clips to route the delivery tubing along the swing arm and up to the reservoir, avoiding the chain and any hot engine or exhaust components.

Single injector fitted using KTM 1290 Superduke + GT dispenser adapter (SA-0622BL)

---

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.

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.

Step 3 - Mount dispenser on your rear sprocket

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.

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.

Scorpion Dual Injector Installation Workaround

Information

Installing a Scorpion Dual Injector on a single sided swingarm is very difficult. However one of our customers have found a workaround.

Online URL:
https://marketingengineer.de/article/1290-super-duke-gt-2014-to-2020-364.html