

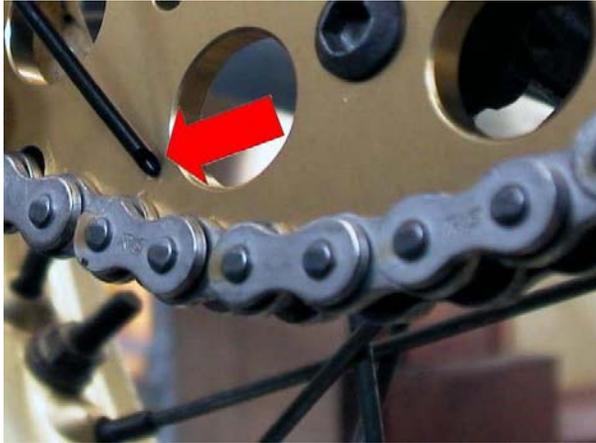


Scottoil: Dispenser Assemblies, General



Mounting the **Dispenser Assembly** is an important step and it's also something many people get wrong. Take the time to ensure all components are secure and the nib is accurately positioned on the sprocket face.

Dispenser Nib Position



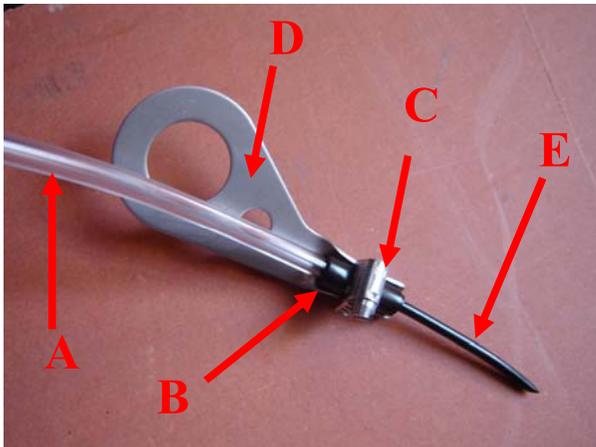
Scottoiler recommend feeding oil onto the face of the rear sprocket. Take care to avoid sprocket bolts, lightening holes, the teeth and the chain itself.

The nib should just lightly touch the sprocket face with the slash cut at the end facing outwards, as shown opposite, to avoid it being blocked by grit or friction.

Note: Dripping oil onto the chain from above is not recommended. Wind pressure around the rear of the bike will pick up the droplets of oil and fire them in all directions, contaminating the running surface of the tyre, as well as creating a big mess!

Securing the dispenser – Large and small Dispenser plates

To ensure that the dispenser nib maintains the correct position reliably, it must be securely attached to the swing arm. In order to do this, a number of mounting options are supplied.



There are two Dispenser Plates provided in our kits. In both cases they have an open end which is profiled for a section of Dispenser Sleeve to be secured using the Dispenser Plate Clip provided.

The picture opposite shows how the clear delivery tubing (A) sits in the Dispenser Sleeve (B) and the Dispenser Plate Clip (C) secures this to the Dispenser Plate (D). The Dispenser Nib (E) is shown emerging from the end.



The Dispenser Plate is designed to be secured on the rear wheel spindle, as shown opposite.

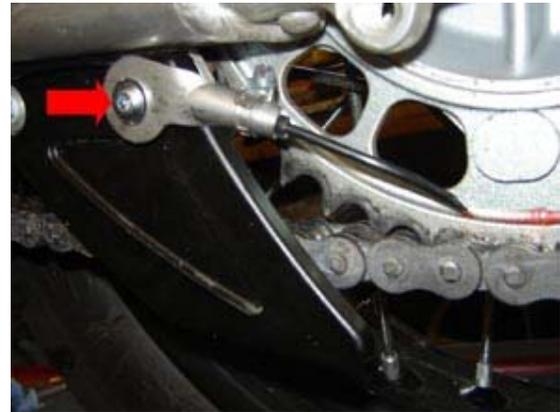
Hint: In some cases the wheel spindle should be reversed in order to position the lock nut on the same side as the chain and sprocket. This allows easier access to the Dispenser Plate if adjustment is required.



The **Small Dispenser Plate** is used in the same way to secure the nib and is ideal for mounting on Paddock Stand bobbin bosses or chain / sprocket guard mounting bolts.

The picture opposite shows the small Dispenser Plate secured with a paddock stand bobbin. If you don't use bobbins, simply use a bolt to secure the plate.

The picture on the right shows how the Small Dispenser Plate can be secured using the bolts which hold the rear sprocket guard on off-road or trail bikes.



Chain Guard Mount Adapter (SA-0073)



On certain models, where paddock stand bobbin mounts do not exist and the spindle is too large for the Dispenser Plate, it may be possible to mount the Small Dispenser Plate using a [Chain Guard Mount Adapter](#) (code SA-0073 – free of charge from Scottoilier)

Note: If mounting as high as this it is preferable to feed the sprocket face at around 9 o'clock (or around 3 o'clock on a RHS drive bike).



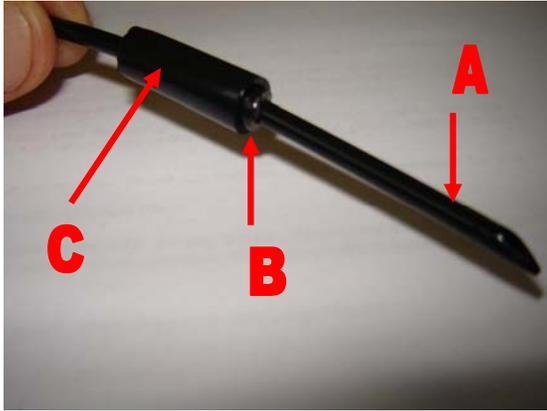
Tube Routing

Once you have chosen a location for the REP/RMV, always start at the dispenser end and route the clear Delivery Tubing along the swing arm using the sections of conduit and glue or the self adhesive tube clips provided in some kits, ensure the surface of the swing arm is completely free of grease before applying them. Choose the neatest path until you reach the reservoir. Take care to avoid moving components such as the chain, and ensure you leave enough slack for the full range of swing arm movement. Also

avoid hot engine and exhaust components which could potentially damage the tubing.

Discreet Tube Routing

If you have a black Swingarm and want a more discreet installation, it is possible to use a section of Scottoilier black nylon Vacuum Tubing along the length of the Swingarm.

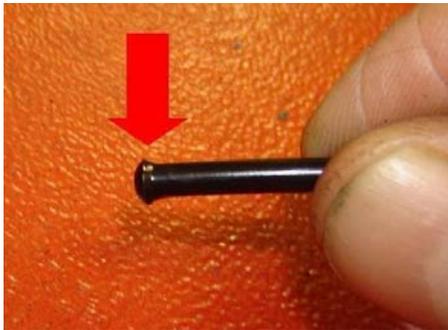


Note: We do not recommend using longer lengths of this thinner tubing as it can make priming very difficult. It should only be used along the length of the swing arm where it can then be pushed into the clear delivery tubing at the swing arm pivot area as described in “Joining Pieces” below.

Hint: When making a dispenser from Vacuum tubing (A), it is necessary to shim it using short sections of both clear delivery tubing (B) and dispenser sleeve (C) which will make it a perfect fit in the dispenser plate and clip.

Joining Pieces

If necessary, damaged tubing can be re-joined or extended using a joining piece made from Scottoilier vacuum tubing.



Heat the end of the black nylon tubing by twisting it over the flame of a lighter or match until you see the end “mushroom”. This only takes 1 – 2 seconds.

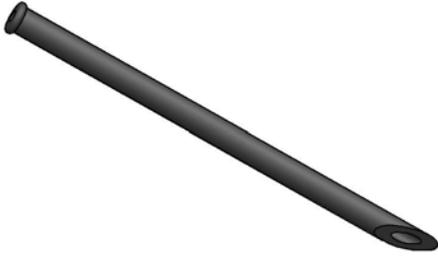


Let the mushroomed end cool and then push it into the end of the Delivery Tubing for an air-tight seal.



If making a joining piece, repeat the above steps to mushroom the other end of the black nylon tube and connect the new section of delivery tubing.

Replacement Nibs



It is possible to make replacement nibs using left over vacuum tubing, remember to slash cut the nib and mushroom the opposite end as described above for a secure, air-tight seal.

Hint: If you are repeatedly losing nibs review the nib position and rotate the rear wheel slowly by hand, ensuring the sprocket bolts, teeth, lightening holes and the chain do not foul the nib.

