



AFS Cycle Oiler chain lubrication system

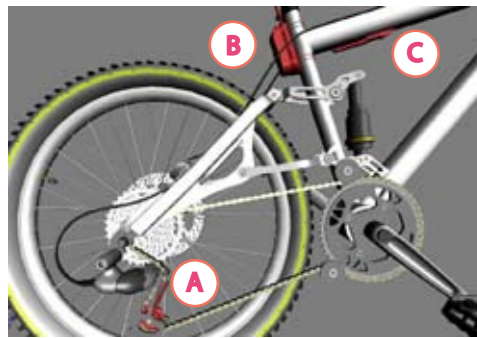
Technical Support

Hint: Please refer to the jockey wheel compatibility guide before attempting to fit



Register online at: www.scottoiler.com/guarantee

Note: If you have a single speed or hub geared bike please contact Scottoil for guidance on how to make a non jockey wheel based dispenser



The AFS Cycle Oiler is made up of a fluid dispensing hollow jockey wheel (A), fluid reservoir (B) and a manual pump known as the Squid (C). The system keeps bicycle chains both clean and properly lubricated by centrifuging Scottoil Active Fluid through the chain as required. When the Squid is pressed it delivers approx 1.8ml of Active Fluid down the delivery tubing to the chain, when pressure is released the Squid re-fills itself ready for the next application.

Active Fluid is water based and flushes the chain clean on application, it is not sticky and therefore will not attract dust and dirt which can typically form a grinding paste.

The AFS Cycle Oiler reduces chain maintenance and extends the life of chains and sprockets significantly.

Parts List

- 1) Delivery tubing (3m)
- 2) Cable ties (x12)
- 3) 11 tooth jockey wheel & bush
- 4) 250ml Active Fluid (FS 365)
- 5) Silicon Connecting Tubes (x3)
- 6) PVC Adhesive sheet
- 7) Reservoir Assembly
- 8) Squid Assembly
- 9) Cleaning Fluid (30ml)
- 10) Instant Adhesive
- 11) Reservoir o-rings (x2)
- 12) 7.6mm bush
- 13) M5 plate assembly
- 14) M6 plate assembly
- 15) Stickers (x2)



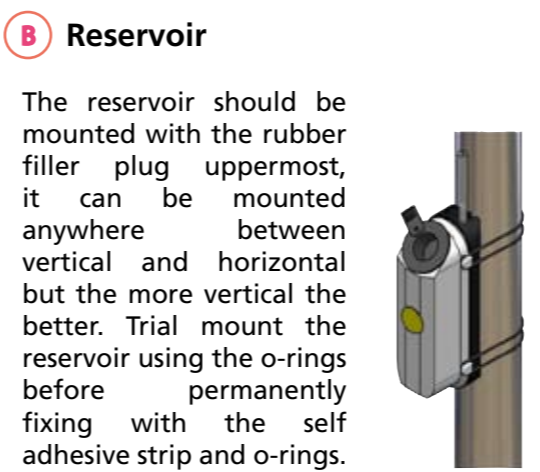
Hint: Start at the dispenser end to ensure compatibility with existing derailleur.

Two plate assemblies are provided, part 13 and part 14. Refer to jockey wheel compatibility guide to identify the correct plate assembly for your bike.

The bush in the Scottoil jockey wheel is 7.15mm wide and suits most Shimano derailleur when used with the M5 plate assembly.

Take care when removing the bolt as the derailleur is under tension, hold the cage with your free hand to prevent the jockey wheel springing out. Re-use original bolt to secure Scottoil jockey wheel assembly and keep the original jockey wheel as a spare.

Hint: When securing the jockey wheel ensure the feed rivet is pointing up the derailleur cage before tightening the bolt. Ensure jockey wheel is free to rotate after tightening the bolt. If not the larger 7.6mm bush (part 12) may be required.



B Reservoir

The reservoir should be mounted with the rubber filler plug uppermost, it can be mounted anywhere between vertical and horizontal but the more vertical the better. Trial mount the reservoir using the o-rings before permanently fixing with the self adhesive strip and o-rings.

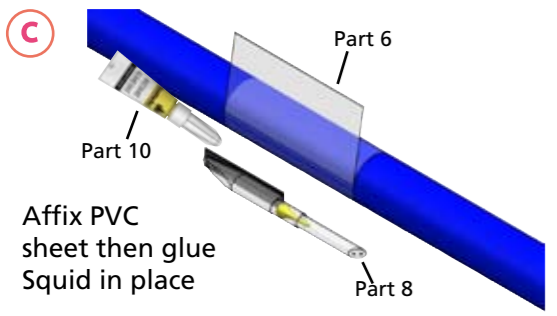
Filling and Use

Before using Active Fluid / FS 365 (part 4) it is recommended that you clean the chain to remove manufacturers grease as this can attract grit and dirt, contributing to a grinding paste.

Once the kit is fitted, fill the Reservoir (part 7) with the Scottoil Cleaning Fluid (part 9). Squeeze the squid (part 8) repeatedly whilst cycling or rotating the cranks / pedals backwards by hand until the reservoir is empty.

Re-fill the reservoir with Scottoil Active Fluid (part 4) or Scottoil FS365 Corrosion protector.

Squeeze the squid frequently when riding, particularly after heavy downpours or riding through standing water. Always use after washing the bike too to help prevent corrosion.

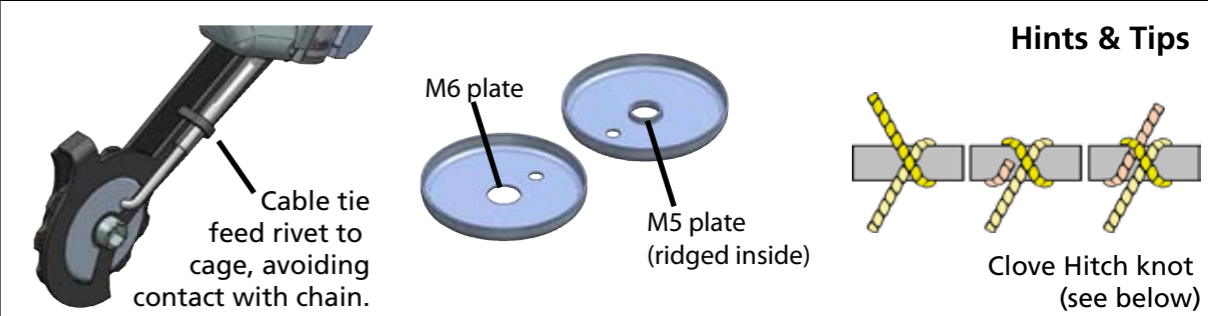


A section of self adhesive PVC sheet is included in the kit (part 6) for protecting the bikes paint. Wrap the PVC sheet (part 6) round the frame tube to which you are mounting the Squid (part 8). Ensure the PVC sheet overlaps itself in order to get good adhesion.

Then apply a little instant adhesive (part 10), to the base of the Squid and press into position on the PVC sheet, apply pressure for about 30 seconds to achieve a good bond.

If you use a work stand or car rack to store / transport your bike, avoid positioning Squid and tubing where it could get damaged by contact with such a stand / rack.

Hint: For best results use Instant Adhesive sparingly and avoid contact with skin.



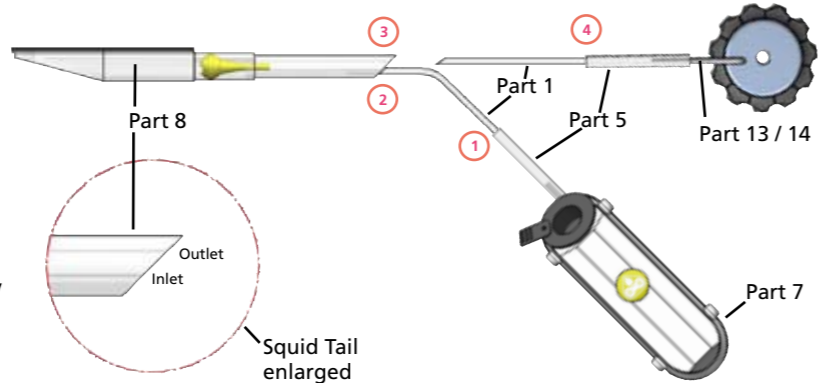
Hints & Tips

Cable tie feed rivet to cage, avoiding contact with chain.

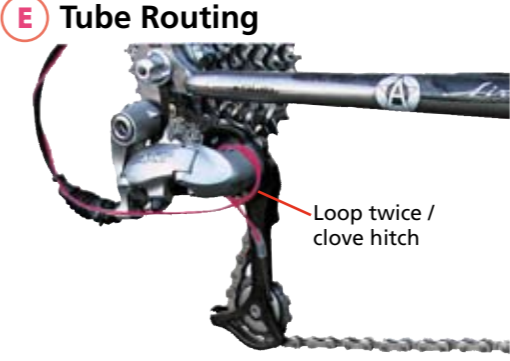
M6 plate (ridged inside)
M5 plate (ridged inside)

Clove Hitch knot (see below)

- ## D Connections
- There are 4 connections to make each using the delivery tubing (part 1):
- 1) Delivery tubing - Reservoir
 - 2) Delivery tubing - Squid Inlet
 - 3) Delivery tubing - Squid Outlet
 - 4) Delivery tubing - M5 / M6 Plate Assembly



Hint: Press the delivery tubing about 10mm into the silicon connecting tubes to ensure a secure connection. Cutting the end of the delivery tubing at an angle (slash cut) and lubricating lightly will make it much easier to press part 1 into parts 5 & 8.



E Tube Routing

It is usually easier to follow existing cable routing, particularly on folding bicycles. Cable ties are provided and can be used to secure to gear or brake cables / hoses. At the rear derailleur loop the delivery tubing round the body of the derailleur twice or tie a clove hitch knot to secure the tubing.

Hint: Ensure you leave enough slack in the tubing to allow for the derailleur to move through all gears.