

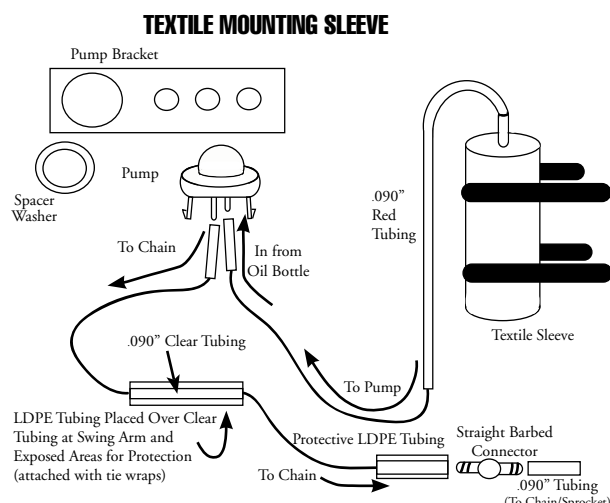
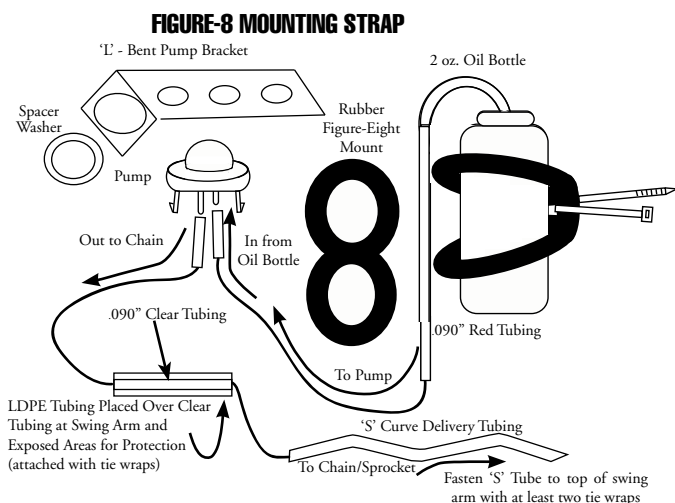
AEROSTICH RIDERWEAR CHAIN OILER KIT INSTALLATION & OWNER'S GUIDE

Thank you for purchasing this Chain Oiler Kit. It includes everything you'll need to custom-install a compact, lightweight chain oiler system. If installed correctly and used regularly, this system will greatly increase chain and sprocket life. Questions or comments? Call us at 800 222 1994 or email: service@aerostich.com.



INSTALLATION

1. Clean and degrease the swingarm and other frame/body areas where oiler is to be installed. Choose oil delivery bottle type/size and select mounting location. Gather parts, mounting accessories and tools (pliers, cutters, etc.).
2. Mount oil delivery bottle. Whichever oil container is selected, make sure ample space is left for re-filling. Mount bottle as close to vertical as possible. Insert beveled end of red vinyl tubing into bottle spout, make sure oil tubing reaches bottom of bottle.

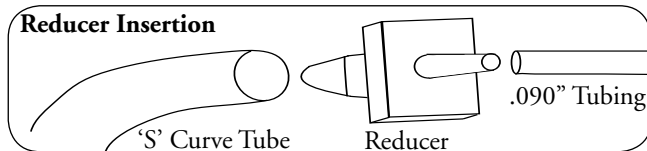


3. Mount Pump bracket and pump to desired location, making sure pump bulb can be easily accessed. Location can be above or below the bottle. Bracket can be bent to customize fit for mounting location. Snap spacer washer onto bottom of pump first, then snap pump into the bracket. Keep enough slack in the oil lines to allow pump to be removed from the bracket and turned upside down for bleeding air from the system.



4. Route the .090" red vinyl tubing from the bottle, along the frame and toward the pump. Secure tubing with tie wraps, using care to not over tighten. Cut tubing to length and attach to the inlet on pump (the shorter fitting).

5. Attach .090" clear tubing to outlet on pump (the longer attachment fitting) and route to the swing arm pivot point, then back toward the rear sprocket and chain. Attach tubing to frame with included tie wraps. Use caution not to mount tubing on inside of frame where normal movement of the chain may wear through tubing. At the swing arm pivot point leave enough extra slack so the tubing can flex without being pulled tight. Attach sections of black LDPE protective tubing over the clear tubing where tubing may be subject to abrasion and where zip-ties are used. Zip-tie tubing securely to the frame and swing arm, especially near the pivot point. **If using the barbed connector delivery fitting:** Cut tubing to proper length to reach the sprocket, attach included barbed connector tip (straight or elbow) and tie wrap securely into place so oil will be dispersed onto inside of chain just in front of the rear sprocket. Attach small section of clear tubing to end of barbed tip to get oil delivery as close as possible to chain/sprocket juncture, without touching. **If using the 'S' Curve delivery tube:** Attach clear .090" tubing and 'S' curve tube together with included reducer. Fasten delivery tube securely to the swing arm with at least two tie-wraps. Position to line-up 'S' curve tubing to deliver oil directly to the side of the sprocket, with the tube end nearly touching the sprocket. Delivering oil to the inside portion of the chain (or the side of the sprocket) will maximize oil spreading to the entire chain.



6. Fill oil bottle at least 1/2 full. Press pump and watch as oil is drawn through tubing toward the pump. When oil is in the pump, unhook it from mounting bracket, turn the pump over (you may need to hold pump lower than point of exit), and watch until all air leaves the bulb and exits out through the hose. Air not purged from the pump may cause oil to drain without pumping.

7. Re-attach pump to bracket. Double check all tie-wraps for secure connections, fill up oil tank, thumb the pump, and enjoy your motorcycle's smoother running, quieter, longer lasting chain and sprockets.

PARTS LIST

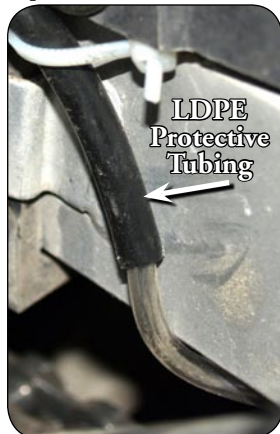
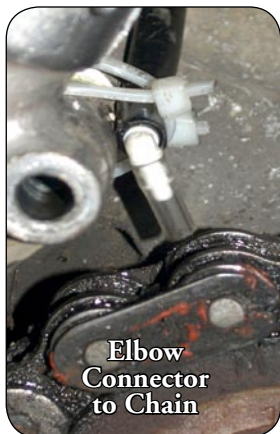
1 - Pump	4' - .090" Clear Vinyl Tubing
2 - Aluminium Pump Brackets	2' - .165" Black LDPE Protective Tubing
1 - 4 oz. Oil Bottle	1 - 12" 'S' Curve Delivery Tube
1 - 2oz. Oil Bottle	1 - Reducer for 'S' Curve Tube
2 - Textile Mounting Sleeves	12 - Specialty Tie Wraps
1 - Figure-8 Strap (for 2 oz Bottle)	1 - Barbed Elbow Connector
1' - .090" Red Vinyl Tubing	1 - Barbed Straight Connector

OIL TYPES/ USE: This kit will function well with nearly any type or weight of oil from 30 weight to 90 weight. Lighter weight (thinner) oils flow easier and perform better at lower temperatures, Thicker oils work better in warmer conditions. The amount and frequency of application vary with use; temperature, speed, rain, etc... A small amount of oil (a 10 to 25% depression of the pump bulb) usually provides ample lubrication.

MOUNTING THE OIL BOTTLE: A location near the rear of the bike usually works well. Mount so the tube does not rub on any sharp edges. Bottle should be mounted in an upright position (a vent hole in the spout must be above the oil level) and the bottle may be positioned above or below the pump. Attach a tie-wrap to the tubing near the spout to help ensure the tubing stays securely inserted into the bottle. **NOTE:** *The 2 oz. bottle is durable, but can wear through if the bottle is mounted so it vibrates against a harder material.*

PUMP PLACEMENT: The pump and bracket can be mounted nearly anywhere on the bike. Install where the pump bulb can easily be accessed by a thumb or finger.

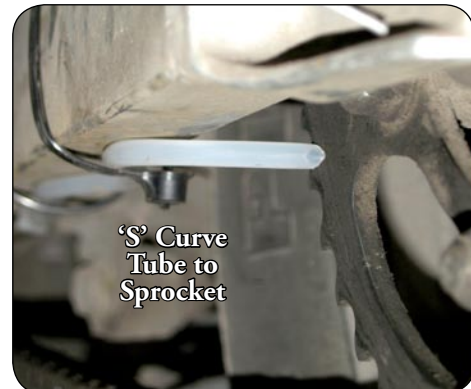
CONNECTING OIL DELIVERY TUBE Route the oil delivery tubing from the bottle to the pump, then from the pump to the chain. Reinforce the oil delivery tubing with the black LDPE protective tubing, from the frame to near the pivot point on the swingarm and elsewhere as needed. The oil delivery tubing slips inside the outer protective LDPE tubing. Cut tubing to appropriate length (which varies for each installation). Leave enough extra slack so that the tubing can freely move with the swing arm. Route the tubing along the outside of the swing arm to the chainguide, and position oil outlet close to where the lower chain run meets the rear sprocket.



Ducati Multistrada



Honda XR



INSTALLATION AND USE TIPS:

- This is a custom-install kit with a variety of tubes, brackets and components designed to allow you to create a chain oiler system that is optimized for your particular motorcycle. There will be extra components when the installation is done.

- During preliminary fitting, make sure tubing is long enough reach from Oil Bottle to the Pump, and from the Pump to the Chain/Sprocket. Tubing may later be shortened as needed during final installation.

- Purge all air from the system to prevent unwanted oil leakage. Bleed by holding pump upside-down until all air has exited pump bulb, then replace pump into bracket. After installation monitor oil delivery tube outlet and make sure that oil does not drip from the outlet point when the system is 'at rest'. If a drip or leak occurs, air in system must be removed.

- Remember a little bit of lubrication goes a long way! 10% to 25% of a single pump stroke will usually deliver a sufficient quantity of oil for complete lubrication.

- There is no "wrong" way to install this kit, as long as it supplies oil to the chain and fits your riding style. For example, if the oil delivery point is alternatively located near the counter-shaft sprocket, the system will also provide useful lubrication. With this set-up, it works best to use the pump only at very low speeds. Typically you would check the need for chain lubrication at gas stops and then pump to apply oil as you very slowly ride away from the gas pump.

If you have questions, call 800 222 1994 for assistance or visit www.aerostich.com/aerostich-videos for sample installation videos and additional information.