



FITTING INSTRUCTIONS

Congratulations on your choice of a Quill silencer.

Your Quill exhaust is a precision manufactured product, designed for ease of fit, power and reliability.

Please read the instructions carefully before attempting to fit the Quill exhaust system.

Use good quality penetrating oil when removing the original silencer, as Quill cannot accept responsibility for broken or damaged fixings. We recommend the use of high temperature exhaust sealant around all joints when fitting the silencer. Also it is important to use a small amount of oil/grease to lubricate all stainless steel threads (i.e. copper slip).

Please ensure that before you start work on your machine, that your work area is clean, uncluttered and well lit. Also make sure that you have suitable tools for the job i.e. 10 & 13mm spanners, 5 & 6mm allen keys.

Remove standard rear silencer unit, complete with standard gasket, wrap it up and keep it safe for future use.

Before fitting Quill silencer, ensure that all gasket surfaces are clean and rust free.

Apply silicone sealant or suitable sealant to all mating surfaces i.e. a 3mm bead to replace the standard gasket.

Bolt on cans e.g. CBR 900 just fit onto mounting flange using the screws, which are inserted in the Quill silencer. Remove the three screws and place through the flange, screw into the mating face of the silencer tighten evenly using a 5mm allen key. Then fit supplied mounting strap and tighten.

On some Hondas, the welds need to be tidied as they interfere with fitting.

Slip on cans e.g. CBR 600 have a separate connector pipe. Basically the silencer and pipe are slotted together. Using sealant between the two joins. Do not tighten clamp just yet. Install assembly onto mounting stub, on standard headers. Again do not tighten. Hang the assembly in place using mounting strap supplied. The strap has a protective plastic coating, which can be removed after fitting is complete. When happy with silencer alignment, tighten all clamps securely. Some exhausts have spring hooks fitted as they may be used for racing systems.

Please note that some models will require the use of the standard gasket.

If there is a recess in the front flange of your bolt on silencer then the standard gasket may be needed. Certain bolt on models may require remedial work to ensure fitment where the OE internal sleeve may need shortening slightly to accommodate, mainly Triumph and Kawasaki. On some Hondas, the lumpy welds will need to be tidied.

IMPORTANT

Please ensure there is adequate clearance between swing arm link pipes and silencer body. Where baffles are fitted, please ensure that they are fastened tightly before usage, (if leaving them in) as **Quill cannot assume responsibility if lost.**

We recommend that a jet kit is fitted in conjunction with a Quill **RACE** silencer i.e. Dyno Jet or Power Commander for best power results, or at least the motorcycle be run on a dyno to check the CO reading is adequate i.e. 4.5 % - 5.5 % co.

NB: On some high level or upswept applications, rear foot-pegs and/or indicators may have to be removed and relocated as needed. Quill assumes that where such an application is evident, that the customer is aware of this prior to order.

RACE PIPEWORK – IMPORTANT NOTES

Where race pipework is supplied and fitted to any road going machine, it is worth noting that sometimes their course does not follow the exact lines of the original equipment, therefore it is recommended that heat resistant material (not supplied) always be fitted where pipework sits close to any panelling, or anywhere where there may be a danger of heat spoiling panels. Accordingly, some level of mechanical knowledge is required as some machines may also require minor modification to ensure safe and proper fitment. Due to the nature of race pipework, it is the responsibility of the owner to ensure safe and adequate fitting.

NB, Race pipework is normally sold as part of a full race system, therefore, where pipe-work is sold individually the OE fitment silencers may not fit and a dedicated silencer may be required

Care & cleaning of Quill surface finishes.

The Quill exhaust silencer is manufactured from high quality 304-grade stainless steel suitable for severe external usage. To maintain this high quality, road dirt and grime should be regularly removed using a sponge with detergent solution. Dry off completely and polish using aerosol wax.

Aluminium components should be cleaned in the same manner and polished using a cleaner formulated for non-ferrous materials.

Safety Notice – Heat Hazard.

When run, the surface of this exhaust system becomes very hot; due care should be exercised especially when the machine is left unattended after running, to prevent accidental contact with the system or silencer.

Quill Exhausts Ltd, are not responsible for any damages incurred by fitting either by purchaser or any other third party. It is the fitters' responsibility to ensure that there is enough clearance, and that any ancillaries, such as baffles are correctly installed and tight before usage.

Quill silencers are dynamic, compact, efficient, high power handling, full range high performance designs, which are so advanced that they will not be out performed for many years to come.

Special fitting instructions for Buell XB9R Owners

Disassembly

Unbolt belly pan from original exhaust (4. Mounting point)
Undo 3 retaining straps and remove from exhaust
Loosen clamp on front header & remove OE can.
Remove front oval mount from front of motor

Re-fitting Quill working from n/s.

Install 90 degree bracket to rear crescent mountings hole nearest towards s/stand.
Install brackets 1 & 2 through front of can mounting hole.
Install bracket 4 between the rear of bracket 1 and the front side stand mounting bolt
Install bracket 3 to the two bolts holding the belt drive pulley bracket.
Slide quill can onto front of pipe & install hanger bracket & bolt to 90 degree previous installed (1).
Adjust can until outlet is clear of back wheel & tighten front clamp & hanger bracket once in position.
Install two bolts into vacant hole & tighten.
Install bolts in to brackets 1, 2, 3 & 4.
Ensure bellypan is in correct position before tightening all bolts.

Care & cleaning of Quill surface finishes.

The Quill T3/EVO2 exhaust system is manufactured from high quality 304-grade stainless steel suitable for severe external usage. To maintain this high quality, road dirt and grime should be regularly removed using a sponge with detergent solution. Dry off completely and polish using aerosol wax. Aluminum components should be cleaned in the same manner and polished using a cleaner formulated for non-ferrous materials.

Warning: - Safety Notice.

When run, the surface of this exhaust system becomes very hot; due care should be exercised especially when the machine is left unattended after running, to prevent accidental contact with the system or silencer.

Please do not under any circumstance use the exhaust as a 'jacking point' for your machine. Please use correct paddock stands when needed.

Due to the inherent vibration issues with all Buell models, please check mountings regularly, preferably before every outing as bracketry/fittings are not covered by our warranty. Any damage to cans as a result of bracket failure is also NOT covered.

Quill cannot accept responsibility for failure of any part (and liability of the guarantee is specifically excluded) where such failure is due in whole or part to: Accidental damage, neglectful or abusive use, excessive movement or vibration of clamps, mountings or internal explosion or backfire.

If for any reason, you may need help of a technical nature, or need to discuss any fitting issues, please call our dedicated service and technical team between 09.00 and 17:00

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