



# Exhaust Fitting

General Guide to Exhaust Fitment

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# Thank you for purchasing a Lextek exhaust System.

Please read the entire **installation guide** carefully prior to installing and using the Lextek exhaust system.

We recommend that this Lextek exhaust system should be installed by a trained motorcycle mechanic. The instruction's provided in this manual should be followed to ensure proper installation and safe use of the Lextek exhaust system.

Lextek and/or its partners shall not be held liable for any damage or personal injury (including direct, indirect, or consequential damage) sustained as a result of improper installation of the Lextek exhaust system or its use and maintenance, contrary to the instructions and warnings contained herein.

## Overview of this document

This general guide to exhaust fitment is just that, general. Where possible we have highlighted information you will need to source for your bike. We strongly advise reading through this whole document, researching and compiling any and all manufacturer specific information we highlight in this manual before attempting to install your new Lextek exhaust system.

This guide is not aimed in any way at any specific make or model, any images used are for illustration purposes and as such if any doubt is raised ALWAYS refer to manufacturer guidance.

If at any point you are unsure of an instruction, do not begin installation. Seek guidance or find a professional motorcycle technician to install your Lextek exhaust products.

## Glossary of Terms

**Follow manufacturers process:** This would advise you to follow any process your motorcycle manufacturer sets out in their manual to complete the task.

**Tighten to manufacturers specification:** Where the motorcycle manufacturer specifies a torque setting apply this to tightening the highlighted fixings.

**Finger Tight:** Tighten the fixing by hand where possible, the fixing should be in contact with exhaust parts but only just. This will allow the part to be held securely whilst giving the ability to move slightly in its position.

**Downpipe Gasket:** These are the sealing gaskets installed into the cylinder head.

**Connection gasket:** These are the cylindrical gaskets used at slip joints in the pipework.

## Fitting Process: Link Pipe

### STEP 1:

Remove your OE silencer. Follow your motorcycle manufacturers process for removal. The Lextek slip-on kit will generally fit from the last joint before the outlet.



## STEP 2:

Once your silencer is removed there is a good chance your exhaust will be dirty and corroded. To ensure a good seal and smooth assembly this will have to be cleaned along with any old gasket material before fitting your new Lextek products.



### STEP 3:

Position your new Lextek Link Pipe onto your OE exhaust outlet, ensure if a gasket is supplied it is installed at the joint. Use Lextek joint paste spread evenly around the INSIDE of the joint. This will ensure a good seal inside your connection and avoid any messy clean up of excess paste.



#### STEP 4:

If your kit comes with a fitting bracket install this finger tight. Applying joint paste to the inside of the silencer inlet as you did with the link pipe, position the silencer on the link pipe and locate the mounting strap where required in line with the mounting point on your bike and loosely install the fixing bolt.



STEP 5:

Once you are happy with the silencer position (don't take too long as the paste will be beginning to cure) tighten the mounting bolt and then the silencer and link pipe connection clamps to their correct torque settings.



## Fitting Process: Full System

### STEP 1:

First off you will need to gain access to your exhaust system. For naked bikes this should be fairly straight forward, if you have a fully or part faired machine, follow your manufacturers process to remove any bodywork to allow access to the exhaust system.

If you just have a slip-on kit, you may not need to remove any bodywork!



## STEP 2:

Remove your OE exhaust system!

Follow manufacturers process to remove the exhaust. If this is not available, we recommend removing any components like Lambda sensors and exhaust flap cables from the pipework. Then working from the back remove silencer if this can be separated, loosen any mounts under the bike but leave at least one bolt in place to hold the weight of the exhaust, then loosen and remove the header fixings, support the exhaust weight and remove your loose bolts.



### STEP 3:

At this point be sure to remove old downpipe gaskets, they can be difficult to remove, a flatblade screw driver or large angled pick work well to remove them.

Take care to not damage the cylinder head or allow debris to fall back down the exhaust ports toward the valves.

Install your new gaskets, hold them in place using a small amount of exhaust paste if required.



#### STEP 4:

Install your header pipes into the cylinder head and using the OE fixings tighten down finger tight.

If fitting an exhaust with more than 1 header fixed together, like some of our Triumph or Kawasaki exhausts, take care to ensure all gaskets stay in place and tighten fixings evenly.

At this point you want the headers in position but not compressing the downpipe gaskets. This will give the pipes freedom to move slightly allowing you to align pipework as you install it.



## STEP 5:

Working from the front assemble the exhaust components, adding a light coating of joint paste to the INSIDE of any slip joints.

This will avoid messy clean up of paste getting squeezed out of the joints and allow the pipework to seal internally preventing future leaks!

Install components like lambda sensors finger tight as you go to ensure plenty of working room.



Step 6:

Once all exhaust components are loosely installed on your bike, check for any clearance issues around the engine and suspension components. Then begin tightening the mounting points, sensors and joints from the silencer and working forward.

All torque settings for mounting points, sensors and header fixings should be torqued to manufacturers specifications.

Lextek Exhaust clamps should be tightened to 10-12Nm



## STEP 7:

Once all fixings are tightened correctly, double check the system for clearance to all other components, this would include loosely placing any bodywork removed to ensure correct fitment. Allow time for the joint paste to harden and start the bike to check joints to confirm you have a gas tight seal.



STEP 8:

Reassemble any removed bodywork and other components as per your motorcycle manufacturers process.



## General information

Please ride your motorcycle responsibly & safely, while always abiding by local traffic regulations.

All statements made with regard to the exhaust system's compliance are made in respect of the exhaust system 'as is'. Any modifications of the Lextek exhaust system or its improper installation, use or maintenance that is not in accordance with this Installation guide, may result in severe damage to the exhaust system and/ or engine, as well as personal injury, and may affect the exhaust system's compliance with the legal requirements, such as exhaust system's air and/ or noise emissions (as an example, the motorcycle may not be suitable for use on public roads any longer), as well as warranty overage.

The exhaust system may only be used in accordance with relevant laws and regulations, including state and federal, where applicable. Damage caused by improper installation, use and maintenance of the Lexteks exhaust system is not covered by the Lextek lifetime warranty. Technical specifications of Lextek exhaust systems and related products are subject to change without notice.

### **NOISE AND EMISSION WARNINGS.**

#### **General warning.**

Lextek products are distributed world-wide, Lextek Exhausts or any agent working on behalf of Lextek doesn't make any representation that the exhaust system complies with the air and/or noise emissions laws unless confirmed in writing. The buyer is responsible to check the applicable laws where the products are to be used and to ensure they comply with those laws.

### **USA INFORMATION (EXCLUDING CALIFORNIA)**

Different U.S. states have individual laws regulating the use of aftermarket exhausts, especially as any that modify, remove, or replace original catalyts.

Please check the appropriate laws in your area before installing any Lextek Exhaust and/or system on your vehicle. Lextek Exhausts or any agent working on behalf of Lextek do not make any representation that any Lextek Exhaust or system will comply with any such laws.

### **CALIFORNIA INFORMATION**

The law in California prohibit the use of any aftermarket exhaust part or system that modifies, removes or replaces original equipment catalyts unless an executive Order has been issued by California Air Resources Board. The only exception to this rule is if the exhaust is being used only on a race track on a closed circuit. Lextek Exhausts or any agent working on behalf of Lextek do not make any representation that any Lextek Exhaust or system have received the applicable Executive Order. The purchasers are solely responsible for ensuring compliance with the applicable Californian law.

## Warranty terms

All Lextek Motorcycle Products exhaust systems are supplied with a lifetime warranty against defects in workmanship and/or materials.

### Who is covered:

The Lifetime warranty is only provided to the original purchaser of the exhaust system.

### What Voids the Warranty?

1. Modification of an existing system to suit Custom applications
2. No proof of purchase at the time of warranty. The claimant must provide proof of purchase (original receipt or invoice) and have registered their warranty on the Lextek Products website (URL: <https://www.lextekproducts.com/register-here>).
3. Incorrect installation, abuse, misuse, and modifications.
4. Finishes such as plating or painted surfaces with discoloration or rust due to inclement weather conditions, exposure to salt, exposure to chemicals, or lack of maintenance by the customer are not covered.
5. Electrical parts are not covered under warranty.

### Extent of Warranty:

Lextek Motorcycle Products are not responsible for any expense incurred by the customer/dealer under the terms of the Lifetime Warranty, nor is Lextek Motorcycle Products responsible for any damages consequential, incidental along with any expenses or injury directly or indirectly incurred from the use of the exhaust system. Lextek Motorcycle Products reserves its rights to decide if the terms of the warranty as set out above have been correctly followed.

In the event that the terms have not been followed then Lextek Motorcycle Products will deem the warranty void. Lextek Motorcycle Products will make the final decision if the warranty is void due to abuse, misuse, installation errors and modifications - should any of these be found, this warranty will be void. The warranty gives you specific legal rights and you may have other rights, which vary from state to state.

For International customers, please contact your dealer or distributor regarding warranties.

### Technical Questions:

See your local dealer or contact Lextek Motorcycle Product directly at <https://www.lextekproducts.com/contact>