

Sprint ST 1050 Exhaust Fitting Instructions

Fitting your Trident exhaust should be a simple procedure but if you are unfamiliar with your bike please take the time to familiarise yourself with the parts you will be removing and refitting and if unsure refer to your owners manual or your dealer. You will need a 10, 12 and 13mm socket or spanner set, a 5mm and 6mm Allen key (supplied in your Triumph tool kit)

1) Firstly you will need to remove the following parts and set them aside for later:

The seat – there is a single bolt at the back of the seat pad to remove this

Luggage rails – undo the Allen headed bolts, which hold these in place

Seat plastics – under the seat you will find the fairing bolts with Allen heads, which hold these on, remove them and carefully lift off the plastics

Grab rail – undo the two bolts holding each one in place Exhaust – undo the long bolt, which holds the exhaust hanger to the bike, which you will find at the rear of the subframe under the pillion seat.

Loosen the clamp, which holds the silencer box to the header pipe. You will find this on the front right hand side of the silencer box.

2) Then remove the light-mounting bracket by undoing the 2 bolts on either side of the subframe.

You can leave this carefully hanging down on the cables but make sure it is secure.

3) Take the gasket out of the exhaust header pipe where it comes up under the seat (where the silencer mounted) This may be hard to see so check carefully

4) You will need some help for this part:

You should loosen all the clamps that mount the cans to the link pipe to adjust the silencers to the proper angles. Ensure at this stage the the clamps are on the silencers so that the bolts used to tighten them are accessible from under the bike.

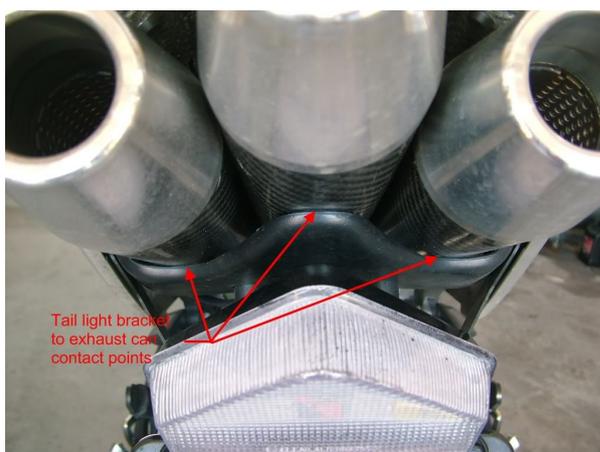
Gently lift the silencers in to place with the **middle pipe set pointing upwards so it ends higher than the rest and tilt the two outer pipes inward towards the centre of the bike so that the end**

tips meet in a triangle shape. The pipes do not go fully home on the link pipe to achieve this angle.

You can see here the proper tilt angle on the middle pipe



Whilst someone holds the silencers in place, carefully re-mount the light-mounting bracket. You will find that the two outer silencers are held firmly against this bracket and you should carefully ease it in to place so it supports the silencers without damaging them. This is supposed to be a tight fit so that the silencers cannot move at all.



Bolt up the bracket; one bolt on each side first evenly turning each side a couple of turns at a time and then the second on each side to ensure it aligns properly

5) Tighten the clamp to the header pipe and the three clamps that hold the silencers to the link pipe.
You will need a 10mm socket or spanner (wrench) to do this



7) Replace the seat plastics, seat and grab rails etc

8) Check all joints are gas tight by feeling near them when the bike is running, being careful not to touch the hot exhaust pipe. If there are leaks tighten the clamps if necessary

Parts List

3X Carbon Silencers

3X 51-55mm clamps

1X 3-1 stainless link pipe

Most of our 4000 plus customers for this exhaust fit them without problem but the most common queries we get from those few who have problems all have been solved by making sure the proper shape is made with the three cans. Some people have found this online guide useful:

<https://www.triumphrat.net/threads/ond-trident-installation-steps.65426/#post-800665>