



Setback Trigger for the Air Arms S400 Air Rifle.

Thank you for your purchase. Please read these fitting instructions before attempting to install the trigger.

Your kit should contain -
1 off Trigger assembly
1 off 1.5mm allen key

Safety first

Observe safe practices when handling your rifle and follow the manufacturers safety instructions when doing so. Check the rifle is not loaded and is de-cooked when fitting the trigger on your rifle.

Installation.

Remove the action from the stock by removing the M6 socket head screw from under the stock shown in Photo 1, Lift the action from the stock and place the stock to one side. Remove the 2 socket head screws holding the trigger guard – Photo 2 take

care to retain the spring. The trigger guard may be tight to remove due to the 2.0mm locating pin.

Remove the trigger mechanism cover plate by removing the 2 slotted head screws, photo3

Slide off the standard trigger and replace with the Rowan setback trigger. It may be necessary to feed the trigger blade through the trigger guard and re-fit both together.

The alignment of the trigger guard is important and to facilitate the adjustment it may be necessary to remove the 2mm locating pin. Use a pair of pliers to twist and withdraw the pin.
Older trigger guards may have to be widened very slightly using a small file, ref: Photo 3

Refit the cover plate and check free movement of the trigger. Tighten the trigger guard retaining screws and cover plate screws. Photo 4.
Refit the action back into the stock. Photo5.

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Setting the 1st and 2nd stage screws.

Please first, read your rifle manual supplied by the manufacturer.

If you don't have the manual it can be downloaded from the manufacturers web site.

Take notice of all safety precautions and recommendations.

If you are not absolutely sure that you have the skill so that the trigger upgrade can be performed safely, please take your rifle to a local gun dealer to have this done by an experience gunsmith.

To adjust the trigger, it is necessary to cock, load and fire the rifle after each adjustment. A pellet should NOT be loaded. However, it is **IMPERATIVE** that this is done in a safe environment so that no one or no thing other than a suitable back stop can be hit by a pellet inadvertently loaded into the gun.

The first stage adjustment screw is nearest the pivot point

The second stage adjustment screw is furthest from the pivot. See photo 6

Start by setting the screws as set in the original trigger. Unscrew the second stage screw 3-4 turns and also the first stage screw so that the rifle will not fire.

Screw in the first stage screw 1/8 a turn at a time and try to fire the rifle. Adjust until the travel feels correct and the rifle fires. The gun now is operating on the first stage only. Unscrew slightly so the gun does not fire.

Now screw the second stage screw 1/8 of a turn in each time until you can feel the second stage and the gun fires, then screw in another 1/8 to 1/4 of a turn.

If you adjust the first stage screw for more of less travel, you will need to readjust the second stage correctly.

Disclaimer: The set back trigger does not have a safety button fitted. Rowan Engineering Ltd accepts no responsibility for any injury or damage to person or property due to the fitting of this product. Air rifles are inherently dangerous and it is the responsibility of the user to ensure safe operation at all times.

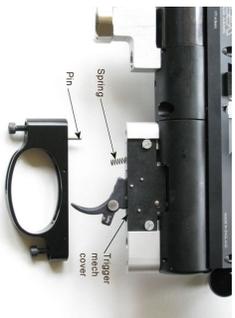
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Photo 1



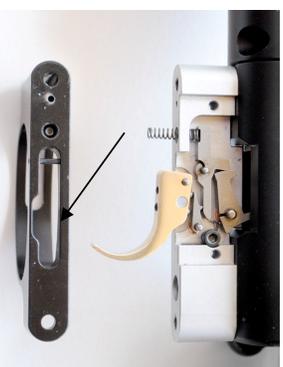
Remove M6 stock bolt

Photo 2



Remove trigger guard retaining screws.

Photo 3



Remove pin

Photo 4



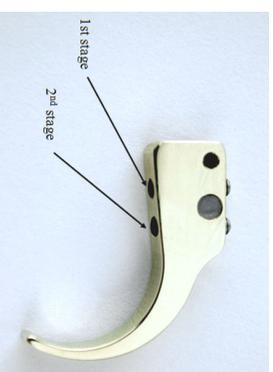
Refit trigger guard and cover plate

Photo 5



Re-fit action into stock

Photo 6



Trigger adjustment

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