



Rowan Engineering

Adjustable Trigger for the Air Arms TX200 & ProSport Air Rifles.

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 2mm allen key
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-cocked when fitting the trigger on your rifle.

Installation.

Remove the action from the stock by removing the 2 countersunk screws at the front of the stock shown in Photo 1 and remove the 2 socket head screws holding the trigger guard – photo2

Lift the action from the stock and place the stock to one side.

Press out the 3.0mm dowel pin marked in photo 3 and remove the old trigger blade. Photo 4.
A light tap with a hammer and parallel pin punch may be required.

The adjustable blade has 2 height positions and is supplied with the blade fitted in the upper position. If you require the blade in the lower position simply remove the 2.5mm socket screw and turn the blade over so the head of the screw is fitted in to the deep counter bore and re-assemble.

Place the adjustable trigger in the trigger unit and press the 3.0mm dowel pin back in to position to secure the trigger. Photo 5

Important. Pull and release the trigger. Ensure the trigger is free to move correctly and returns to the fully forward position.

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Replace action back in the stock and replace the trigger guard and the 2 front stock retaining screws.

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 be loaded to prevent damage to the rifles piston.

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.

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 fully unscrewing the second stage screw 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.

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 or less travel, you will need to readjust the second stage correctly.

Remember, it is recommended by the AAFTA when cocking spring air guns, the shooter must hold the cocking lever or barrel while inserting a pellet." to prevent fingers being trapped. It is more likely that this can happen during the adjustment of the trigger !

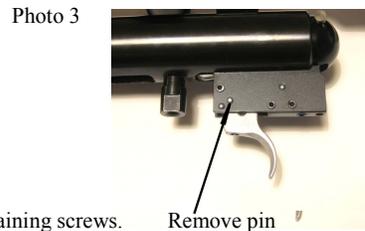
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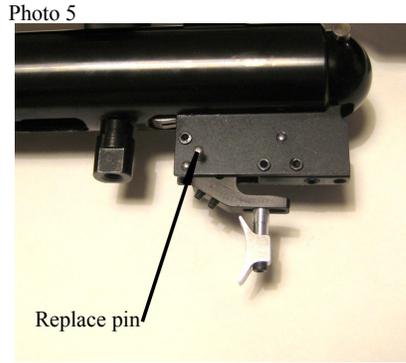
Remove countersunk screws.



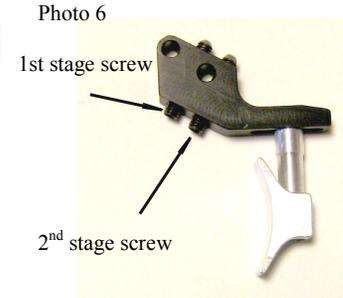
Remove trigger guard retaining screws.



Remove pin



Replace pin



1st stage screw

2nd stage screw