



Rowan Engineering

Replacement Adjustable Trigger for the Daystate Hunter & Air Ranger Rifles

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

Your kit should contain –

1 off trigger, post and trigger blade assembly

1 off 2mm allen key (short)

1 off 1.5mm allen key

Safety first.

Observe safe practices when handling your rifle and follow the manufacturer's safety instructions when doing so.

It is advised that before carrying out any work on an air rifle that it is unloaded and the air receiver is empty or removed.

If you are not sure that your skills are sufficient to fit the trigger seek professional advice.

Take extra care when fitting the trigger.

Check the safety catch is set to safe, the rifle is not cocked and is absolutely not loaded with pellets.

After fitting the trigger make sure that the trigger release point is correct and does not release unintentionally.

Installation

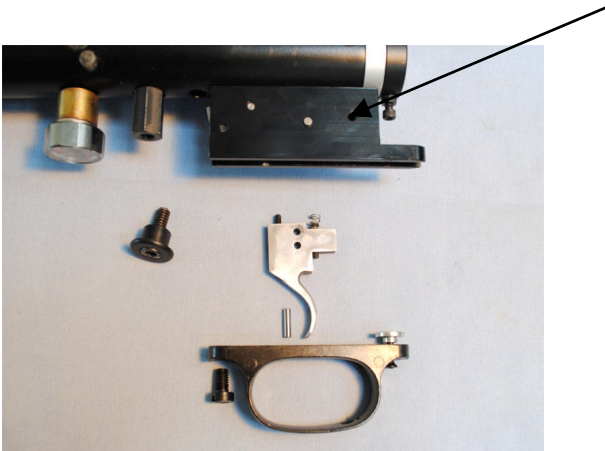
1. Layout your rifle, preferably on a flat stable surface, and refer to the manufacturer's instructions to empty or remove the air cylinder as recommended in the safety notes above.



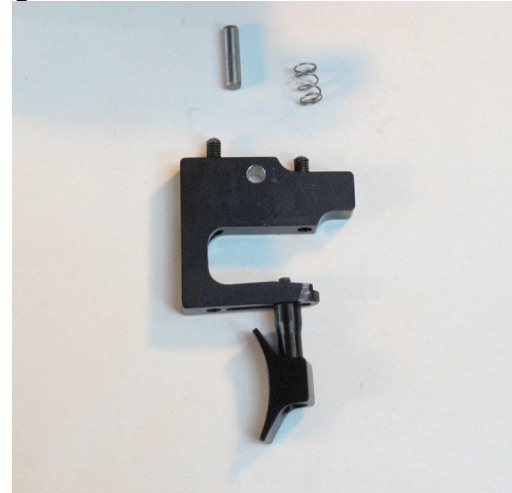
2. Remove the stock retaining bolt from the bottom of the stock with an allen key and withdraw the stock from the rifle.



3. With the stock removed, remove the trigger guard and press out the trigger pivot pin. This should only require light pressure or can be gently assisted. Take care not to allow the other pins to drop from the mechanism.



4. Gently ease the original trigger out of the guard.

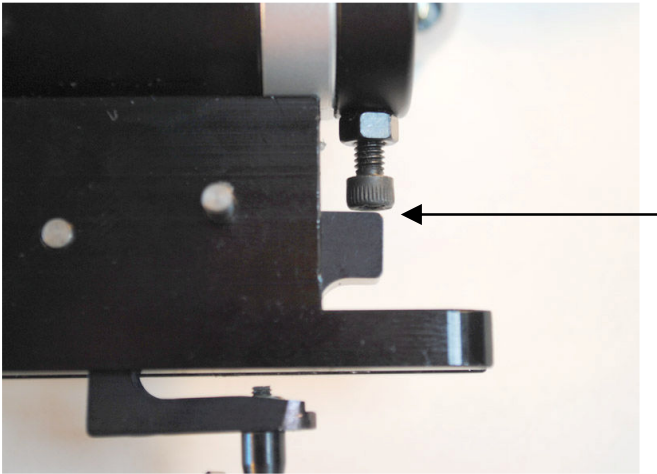


5. Take the spring from the original trigger and locate on the replacement trigger. Visually match the grub screw settings across to the new trigger. Loosely set the trigger post to the position of the original trigger to assist assembly. Do not tighten.

6. Gently ease the replacement trigger into the trigger mechanism and replace the trigger pivot pin to secure the trigger. Ensure a light upwards pressure is applied to counteract the spring until

the pin is located at both sides of the trigger housing.

The pivot pin can be a slightly tighter fit and gentle assistance may be required to locate it. Ensure the trigger rotates freely when the pin is re-fitted.



7. Check the safety operation. It may be necessary to adjust the socket cap screw shown arrowed above.

8. Replace the trigger guard to the action and replace the stock and secure the retaining bolt.

9. In a safe place check the operation of the trigger, ensure this is set at a “safe feel” and not too light. See the manufacturer’s instruction manual on the correct method for trigger

adjustments. Check again the operation of the safety following making any adjustments to the let off grub screws.

10. Adjust the trigger shoe for the required rotation with the post positioned at max forward. Use only light finger pressure on the allen key to clamp the trigger shoe. Then adjust the reach for best comfort.

11. Again use only light finger pressure on the allen key to clamp the blade assembly. Do not over tighten as may cause damage to the trigger.

11. Your trigger is now fitted.

