## Rowan Engineering

## Replacement Adjustable Trigger for the Daystate Mark 3 & 4 Rifle (June 2004 onwards)

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 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. Ensure that the rifle is not switched on, the safety catch is set to safe and is <u>absolutely not</u> 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. Ensure the electrical isolation switch is set to safe with the key.

Remove the stock retaining bolt from the bottom of the stock with an 8mm allen key and withdraw the stock from the rifle.

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3. With the stock removed, locate the trigger pivot pin and remove. This should only require light pressure or can be gently assisted.



4. Gently ease the original trigger out of the



5. Take the spring and cap out of the original trigger and put them in 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 guard 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 guard.

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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. Replace the stock and secure the retaining bolt.

8. In a safe place switch the rifle back on and 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.

9. 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.

10. Again use only light finger pressure on the allen key to clamp the post onto the dovetail. Do not over tighten as this will damage the dovetail on the trigger post.







11. Your trigger is now fitted.

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