



RAZOR^R
LITE EVO

ROYAL ENFIELD **HIMALAYAN 450.**

246-024-210-010ES (65 - 125kg)

OWNER'S MANUAL

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RECOMMENDED SETTINGS

Shock Length	399 mm
Shock Stroke	82 mm
Spring Rate	SEE SPRING RATES TABLE
Spring Preload	SEE SPRING RATES TABLE
Rebound Damping	12 Clicks OUT
Compression Damping	NON-ADJUSTABLE

RIDER WEIGHT	SHOCK NUMBER	SPRING RATE	SPRING PRELOAD
65 - 80 Kg	246-024-210-009ES	85 N/mm	16 mm
80 - 95 Kg	246-024-210-010ES	95 N/mm	15 mm
95 - 110 Kg	246-024-210-011ES	110 N/mm	14 mm
110 - 125 Kg	246-024-210-012ES	120 N/mm	13 mm

K-Tech Suspension Ltd products are manufactured to fit specific brands and models. Under no circumstances should any K-Tech Suspension Ltd products be fitted to an application other than that for which it has been designed, tested and manufactured.

INTRODUCTION

Control, stability and confidence - **Evolved**. The next generation of the infamous K-Tech Razor series mono-shock is here. With improved damping consistency, alongside better temperature stability and reduced hysteresis, the Razor EVO mono-shock range continues to provide performance leaps ahead of your standard equipment; all with awesome looks to match.

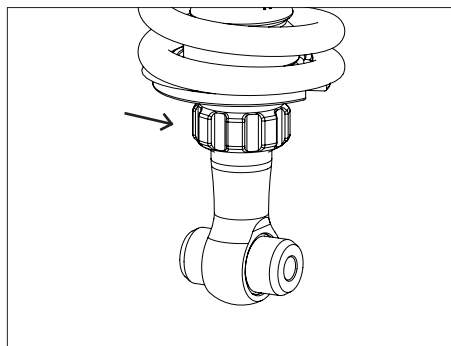
The Razor R-Lite EVO mono-shock is available for a wide range of motorcycles, with preload and rebound damping adjustment, letting you optimise your ride with ease.

Key Features:

- Manual Preload Adjustment
- Rebound Adjustment
- Nitrogen Pressurised (N₂)
- Black Hard-Anodised Finish
- Optional Spring Rates

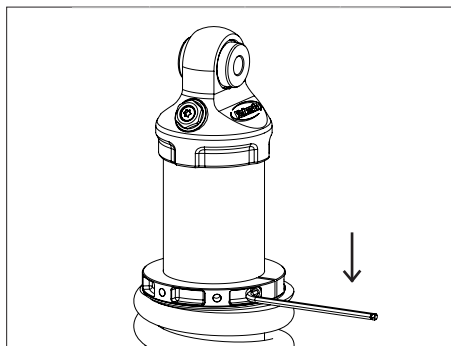
The procedures in this manual should only be carried out by a qualified motorcycle technician. K-Tech Suspension Ltd will not be liable for any damages caused in any way to/by the product and any injuries sustained if the product is fitted or adjusted by someone who is neither an authorised dealer of K-Tech Suspension Ltd or who does not have the relevant qualifications in motorcycle technology. K-Tech Suspension Ltd will also not be liable if the correct tools are not used throughout the process of fitting and adjustment of a K-Tech suspension Ltd product. Please refer to the manufacturer's workshop manual before attempting these procedures. These procedures will require two people, you will need to remove all relevant bodywork and any other parts that may restrict you from carrying out these tasks.

ADJUSTMENT



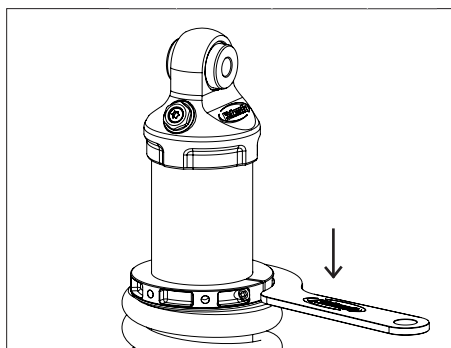
Rebound Damping

- Black Adjuster Wheel (32 Click Range)
- To **INCREASE** damping, turn to the **RIGHT**. To **REDUCE** damping, turn to the **LEFT**.
- All settings should be made from the fully closed (clockwise position).



Spring Preload

- Preload adjusted at top spring collar (black).
- Loosen the cap screw in the preload collar using a H3 allen key. **DO NOT FULLY REMOVE!**
- Turn preload collar using the supplied C-Spanner (213-246-305).
- To **INCREASE** preload, turn collar to the **RIGHT**.
- To **REDUCE** preload, turn collar to the **LEFT**.
- Once set, re-tighten the cap screw using a H3 allen key.
- Tighten to **5 Nm MINIMUM!**



FITTING THE SHOCK

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Place and secure the motorcycle on an appropriate stand so that the wheel is approximately 5cm off the ground. Loosen top and bottom mounting bolts using the correct spanners. With one person holding the rear wheel in a stationary position the second person can remove the top bolt, it may be necessary to slightly move the rear wheel up and down whilst removing the top bolt. Keeping the rear wheel in a stationary position the second person can now remove the bottom bolt, it will be necessary to hold the shock whilst doing this.

Remove the shock from the bike keeping the rear wheel stationary while doing so.

- You are now ready to fit the K-Tech rear shock.
- Place the shock into the bike fitting the bottom mounting bolt first, it may be necessary for the second person to slowly move the rear wheel up or down for you to insert the bolt through any linkages.
- Now fit the top mounting bolt and torque both top and bottom bolts to the manufacturer's recommendations.

Take a slow test drive to make sure that everything is correct.

SERVICE

K-Tech Suspension Ltd recommend that this product is serviced every 20 hours of use. It is very important that this product is serviced by an authorised dealer, as there are special tools required to guarantee correct performance of this product. K-Tech Suspension Ltd cannot be held responsible for any damage caused to/by the product if a service is overdue or was not conducted by an authorised dealer.



SPEAK TO K-TECH ABOUT SERVICING
[KTECHSUSPENSION.COM/FIND-A-STOCKIST](https://ktechsuspension.com/find-a-stockist)

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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