

Fitting Instructions KCA397

WHITELINE

AUTOMOTIVE *Flat out*

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Application:

Renault Clio Mk2 98-05 excl V6, rear.

Always refer to current catalogue for complete application listing.

KCA397 is a rear toe (or camber) adjustment kit using two pairs of pre-set single-angle full contact shims. It is designed to provide up to +/-3.5mm of toe adjustment per side or alternatively up to +/-0.25deg of camber adjustment from base settings.

Kit Contents:

- 2 x single notch shims
- 2 x double notch shims
- 1 x fitting instructions

Fitting instructions:

Please read complete fitting instructions and check kit components prior to fitment. Whiteline recommends that all work be carried out by a qualified technician.

1. Measure wheel alignment settings prior to any disassembly.
2. Raise vehicle, support on safety chassis stands, and remove rear wheels.
3. Unclip brake and ABS lines off trailing arms and axle for extra slack.
4. Release park brake and remove rear brakes.
5. Remove four nuts that hold the hub to the trailing arm.
6. Pull the hub out and away from the trailing arm as shown in photo 1.

Warning: Carefully hold and support the hub. Check that all brake and electrical lines are not binding or stretching.

7. Using a wire brush, clean any dirt, debris and scale off the hub to trailing arm mounting faces as shown in photo 2.
8. Based on the original rear wheel alignment settings, work out the desired toe OR camber change required.
9. With reference to the following guide and figure 1, select the appropriate shim and position required and fit one shim per side onto the hub as shown in photo 3.

	<u>single notch shim</u>	<u>double notch shim</u>
position # 1	1.7 mm toe-out / side	3.5 mm toe-out / side
position # 2	1.7mm toe-in / side	3.5 mm toe-in / side
position # 3	-0.125 deg camber	-0.25 deg camber
position # 4	+0.125 deg camber	+0.25 deg camber

Note: Final outcome may vary slightly due to rear axle flex.

Caution: Whiteline recommends minimum 0.5 mm toe-in per side.

10. Reinstall hub to the trailing arm and secure using original nuts.
11. Reinstall rear brakes and reconnect brake line and ABS cable.
12. Reinstall wheels and torque to original manufacturers specifications.
13. Lower the vehicle, test drive and re-check tension on all fittings.
14. Check wheel alignment, and adjust as required.

Tip: Although KCA397 shims provide a pre-set amount of camber or toe change, thrust angle can be fine tuned by loosening rear axle chassis mount bracket bolts and rotating the axle to achieve desired toe settings. This must only be done while carrying out a wheel alignment. Torque all bolts to factory specifications.

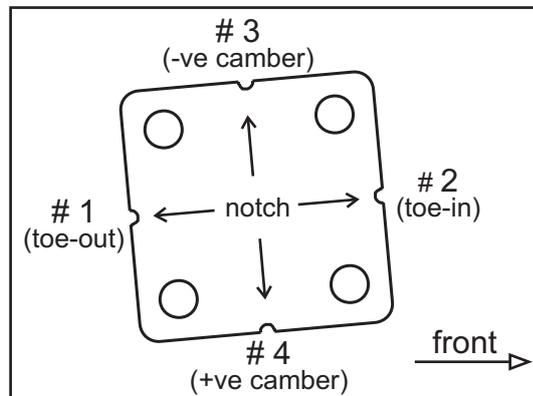


Figure 1.



Photo 1.

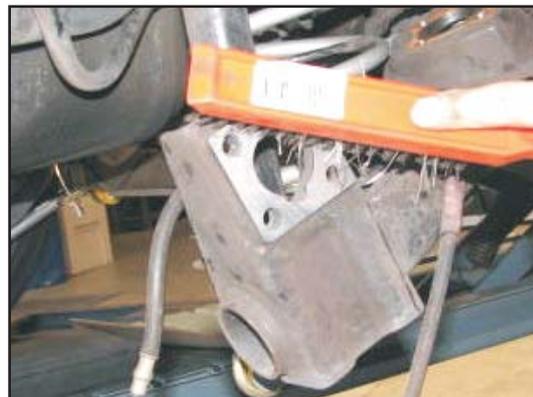


Photo 2.



Photo 3.

Warning: Please drive carefully while you accustom yourself to the changed vehicle behaviour.