

Fitting Instructions KCA4(size)

WHITELINE

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Flat out

KCA410, KCA412, KCA414,
KCA415, KCA416, KCA417

Code: Z201A

Rev A

Application:

KCA4(size) is a universal fitment adjustable camber bolt kit and is designed to provide up to +/- 1.5 degrees of camber adjustment using a special high tensile eccentric bolt to replace upper strut clevis bolt. They can also be used to replace the lower bolt for additional positive or negative camber but only for race applications.

Contents:

 KCA4(size) kit contains;

- ✓ 2 x eccentric bolts
- ✓ 2 x tab washers
- ✓ 2 x lock nuts

Installation guide:

Please read complete instructions prior to fitment

1. Establish amount and direction of camber change required using current wheel alignment settings.
2. Raise the vehicle and remove the wheels to expose the strut assembly, then remove upper strut clevis bolt.

NOTE:

Do NOT remove or replace any factory adjustable bolts. KCA4(size) are designed to replace standard bolts only.

3. Note washer and location of small inner and large outer tab. Align small tab on camber bolt washer with eccentric cam on bolt.

When fitting in upper strut clevis hole (recommended):

- for positive camber adjustment, install with large tab towards wheel. Refer Fig 1.
- for negative camber adjustment, install with large tab towards strut. Refer Fig 2.

When fitting in lower strut clevis hole (RACE USE ONLY):

- for positive camber adjustment, install with large tab towards strut. Refer Fig 2.
- for negative camber adjustment, install with large tab towards wheel. Refer Fig 1.

NOTE:

Cam bolt and washer must be fitted in the horizontal plane only.

4. Fit lock nut and tighten to our recommended torque settings. Make sure washer does not rotate and spikes 'bite' into strut.
5. Refit wheel and reset/compensate alignment equipment.
6. To adjust camber, slightly loosen both KCA4(size) and factory nuts.
7. Perform camber adjustment by rotating bolt to desired position.

NOTE:

Do not allow washer to rotate.

8. Tighten KCA4(size) assembly to torque settings listed below, and factory bolt assembly to manufacturer's recommended settings.
9. Finish wheel alignment and road test the vehicle.

KCA4(size) recommended torque settings:

- KCA410 - 37 Nm (approx 27 ft lbs)
- KCA412 - 73Nm (approx 54 ft lbs)
- KCA414 - 89 Nm (approx 65 ft lbs)
- KCA415 - 89 Nm (approx 65 ft lbs)
- KCA416 - 113 Nm (approx 83 ft lbs)
- KCA417 - 113 Nm (approx 83 ft lbs)

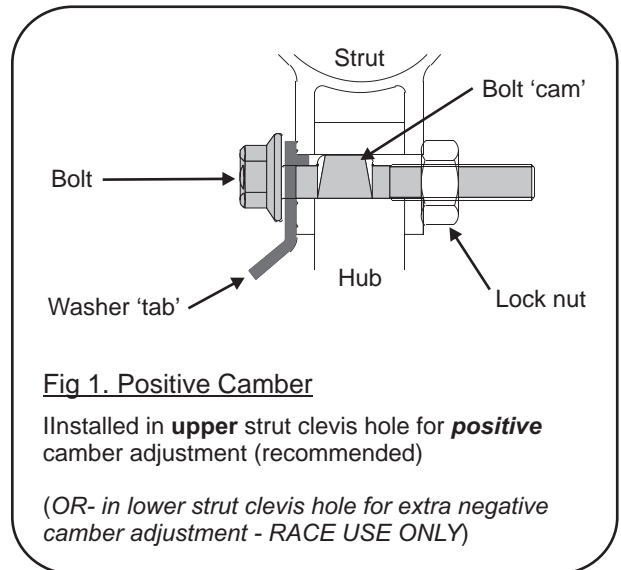


Fig 1. Positive Camber

Installed in **upper** strut clevis hole for **positive** camber adjustment (recommended)

(OR- in lower strut clevis hole for extra negative camber adjustment - RACE USE ONLY)

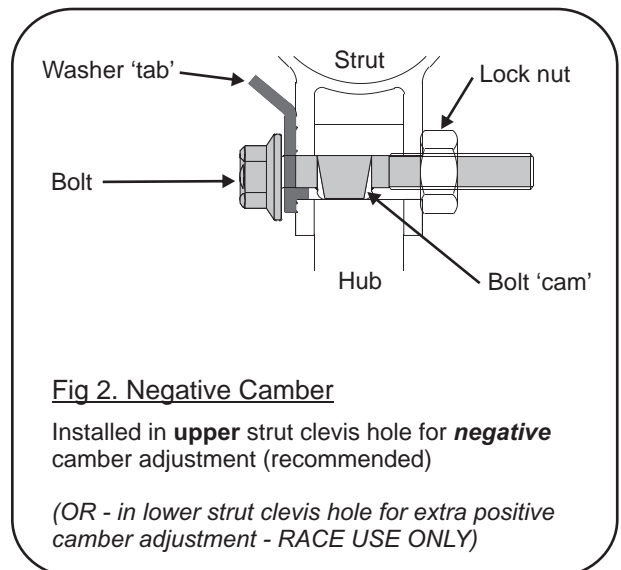
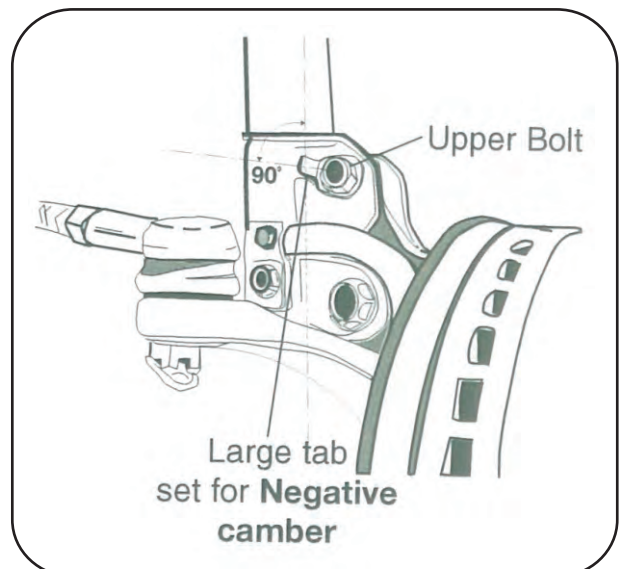


Fig 2. Negative Camber

Installed in **upper** strut clevis hole for **negative** camber adjustment (recommended)

(OR - in lower strut clevis hole for extra positive camber adjustment - RACE USE ONLY)



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