

Fitting Instructions KCA336

WHITELINE

AUTOMOTIVE *Flat out*

PO Box 5666, Minto, NSW, 2566 Australia
Ph: 61 2 9603 0111 Fax: 61 2 9820 2500
E-mail: admin@whiteline.com.au
A.B.N. 68 073 002 034

Code: Z292

Application:

KCA336 is a front camber adjusting kit to suit Nissan Skyline R32, 300ZX Z32. It allows for +/- 0.5 degree camber change and is adjustable on-car. Refer application to catalogue for exact listing.

Contents:

 Each kit contains the following;

1. 4 x outer half-bushes (yellow)
2. 4 x inner half-bushes (red)
3. 2 x outer off-set tubes with bolts, nuts and washers.
4. 4 x inner shells
5. 4 x inner half-tubes
6. 4 x grease nipples
7. 1 x grease sachet

Note: Only 1/2 the kit contents shown.



Fitting:

 Please read the complete fitting instructions before commencing work.

1. Whiteline recommend that all work be carried out by a qualified technician and it is recommended to measure wheel alignment settings prior to fitment.
2. Raise front of the vehicle, support the vehicle on safety chassis stands, and remove the front wheels.
3. Remove the top control arm, noting the inner and outer position, and remove original bushes from the control arm.
4. Use 5mm diameter drill bit, drill into the center of the arm making sure that you drill through the double thickness of steel, on the under side of the inner pivot end of both arms.

Special Notes

✍ 300ZX - repeat this procedure on the outer pivot end of arms.

✍ R32 Skyline - repeat this procedure to the outer pivot end of arms by drilling through the topside of the outer arms.

5. Using a hand tap M6x1, tap a thread into the holes that you have just drilled into the arms. Clean arms and remove all steel burrs from each end of the arms.
6. Using a press, press the inner steel shells into the inner positions on the arms. Install the grease nipples. Lubricate all contact surfaces with grease and assemble the yellow bushings and the threaded tubes in the outer position on the arm "A" and the red bushes with the 2 short half-tubes to the inner position on the arm.

The grease nipples allow you to lubricate the bushes after installation of the arms and this also ensures the bushes are lubricated correctly after the arm is installed.

7. Refit the arm to the vehicle. Torque all bolts to the manufacturers settings. On the outer tube fit the long bolt with the lock nut to the front side of the arm, and the short bolt to the rear side of the arm.
8. Measure wheel alignment and adjust as required. To adjust camber, loosen the rear (short bolt) on the outer mount. Then loosen the lock nut on the front (long bolt) and turn the head of the long bolt clockwise only until you reach the desired setting. It may be necessary to jack the vehicle to turn the adjuster, as the weight of the vehicle can restrict the tube movement. When the desired adjustment is reached tighten the front (long bolt) lock nut and then the rear (short bolt).
9. Using a grease gun, grease the bushings through the new grease nipples to help with lubrication.
10. Check & re-tension all fittings again after 100kms but no more than 200kms.

Location of component fitment.

Inner end of control arm
- shells
- bushing (red)
- short tubes

Outer end of control arm
- bushing (yellow)
- off-set tube

Outer grease nipple
R32 Skyline
(top of the arm)



Inner grease nipple on all models is positioned on the bottom of the arm.

Outer grease nipple 300ZX Z32 (bottom of the arm)



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