

# Fitting Instructions

## KCA399



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### Application:

- Subaru Legacy (Liberty) BE,BH 98-02
- Subaru Legacy (Liberty) BL,BP 03-07
- Subaru Outback BH 99-03 wagon
- Subaru Outback BP 03-07 wagon

Always refer to current catalogue for complete application listing.

**KCA399** is a rear Camber Adjustment Kit designed to provide a camber adjustment range of +/-1.0 degree from base settings.

Each kit replaces rear upper control arm outer bushes, with specially engineered low compliance polyurethane bushes and on-car adjustable insert mechanism. For ease of operation and to achieve best results, camber adjustment can be performed 'live' on car during wheel alignment procedure.

### Contents:

- 4 x polyurethane bushes
- 2 x camber adjustment insert mechanisms
- 1 x grease bag

### Fitting Instructions:

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

Installation of this product is best done with the vehicle on a hoist / lift.

1. Measure wheel alignment settings prior to fitment to determine the amount and direction of camber adjustment required.
2. Raise the vehicle with a hoist / lift or alternatively raise and support on safety chassis stands.
3. Remove rear wheels.
4. Remove rear upper control arms, and using a suitable workshop press, remove outer bushes.
5. Clean the arm of any debris, apply a light film of grease, and fit 2 new bushes into each control arm, as shown in photo 1.
6. Apply grease supplied to the inside of the bushes, and press new adjustment inserts into the bushes from the rear of the arms, as shown in photos 2 and 3.

*Tip: Based on calculated camber change required, pre-adjustment can be made at this stage.*

7. Refit upper control arm to the vehicle, and lightly tighten all bolts, as shown in photo 4.
8. Refit rear wheels and lower the vehicle. Do NOT drive at this stage.
9. Settle suspension, and torque all bolts to manufacturer's specifications.
10. Test drive the vehicle, and check tension on all fasteners.
11. Measure wheel alignment settings, and adjust as required using a suitable round tool (eg: 4mm pin punch).
12. Check & re-tension all fittings again after 100km's but no more than 200km's.

For noise and friction free operation, carry out periodic inspections and maintain proper bush lubrication.



Photo 1.



Photo 2.



Photo 3.



Photo 4.

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