

# **ZEUS BRAKING INSTRUCTIONS**

**Solid disc kit ALUMINIUM – part no.s**

**Z8005/Z9005**

These instructions are designed to assist skilled technicians/competent amateurs to install Zeus Braking four pot caliper systems.

No warranty is offered on the accuracy or completeness of any information contained within these instructions

No liability will be accepted for damages injury or death resulting from the use of incorrect information that may have arisen during the preparation of these instructions

Individuals who undertake to install their own kit should have some skill and training and be aware of the potential risks associated with working with brake components and jacked or raised vehicles.

This kit contains precision-machined components and under no circumstances should any modifications be made to the kit.

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## **FITTING THE BRAKE KIT (FRONT)**

- 1 Ensure your vehicle is securely jacked using the correct jacking point and axle stands.
- 2 Remove the road wheels and stow away safely

3 Remove the old caliper (for jaguar mk 2 : Retain the spacer, located between the original caliper and the steering arm as this will need to be re-installed in the same location. Also retain the longer mounting bolt which fits through the spacer and use one of the new bolts supplied for the other caliper mounting hole.)This applies to all vehicles in which the caliper mounting bolt goes through the steering arm utilizing a spacer. Failure to do this will create undue stress on the steering arm .

4 Note: If your vehicle still has a dust shield you will need to trim it to accommodate the new four pot caliper. This is easily done using a set of tin snips. Cut to required aperture. (NB. the bracket for the brake line will require a new position.)

5 Refit dust shield

6 The caliper must now be readied for installation. Remove the red protecting plugs and fit the bleed nipple. With the caliper orientated in the final fitted position the nipple is fitted into the hole in the uppermost position ie closest to the underside of the wing of the vehicle. The hole closest to the road surface takes the brake fluid feed line.

7 Fit new caliper to the vehicle upright using the new supplied retaining bolts.(see point 3) The spring washer and plain washer sit under the head of the retaining bolts in that order to protect the calliper and ensure correct and secure fit. Tighten to 67Nm.

8 Check clearance around dust shield and make any necessary adjustments. If necessary re trim the dust shield. Do not alter the caliper.

9 The brake pads are fitted using the retaining pins and clips supplied. The pins are fitted from the inboard side and come through to the outside of the caliper. (supplied in situ)

10 Prior to fitting the brake line, final bleeding is made easier if the caliper is pre filled with brake fluid using a syringe or similar.

11 Connect new metal brake line, release clamp and proceed with standard bleeding of brake system. (bleed the system by starting with the caliper furthest from the master cylinder)

12 When you are satisfied there is no air in the system and have completed the brake bleed, fit dust caps over bleed nipple. Re fit wheels.

13 ***Before*** attempting to drive the vehicle on the open road check the brake lines for leaks and ensure you have tightened all bolts and connections. (NB Whilst you are undertaking the brake re fit we would recommend that you check the brake master cylinder is in good working order with all seals intact and also replace any worn or aging brake hose)

14 Initially road test the vehicle at low speed to ensure you are satisfied with the system. After the initial road test, re check the brake lines for leaks.

As the brake pads are new care should be taken for the first 200km as the pads bed in.

It should be noted that fitting the new calipers will bring to the vehicle significant changes in braking and the user should be aware of this prior to driving in traffic and in adverse weather conditions.

We hope you enjoy driving your vehicle with your new Zeus calipers. Please remember your braking system is a safety critical component on your vehicle: If you are at all unsure about the fitting of your new brake kit you should consult a qualified mechanic.

Whilst every effort has been made to ensure ease of fit of your kit please be aware that classic vehicles may over the years have undergone changes or modifications. If for any reason your kit does not fit correctly please

contact Zeus Engineering directly and speak to one of the engineers.  
Under no circumstances modify your brake kit.

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