



# SERVICE BULLETIN

Date: 28.04.08

Model: Elise/Exige/Europa

Number:  
2008/09

**CLASS 3**

Service Manager	Service Reception	Supervisor	Parts Manager

**TITLE:** Fitment of revised camber shim plates.

**REASON:** The shim plates fitted between the steering arms (front) or ball joint plinth (rear) and the hub carrier, are selected to adjust the wheel camber. These shim plates are slotted to facilitate substitution without completely removing both the bolts. For motorsport application, where suspension loads are substantially increased, a high strength steel is used for the shimplates, and the slots are deleted to utilise the maximum clamp face area and enhance joint stability. These shim plates have now been commonised for all cars, and will require bolt removal to allow shim interchange when adjusting camber.

**ACTION:** If camber adjustment is to be undertaken, or if any car is being prepared for motorsport activity, it is recommended to fit the later type camber shimplates;

Front Shimplate, 1mm	D111C0062F
Front Shimplate, 1.5mm	B120C0022F
Front Shimplate, 3mm	D111C0064F
Rear Shimplate, 1mm	E111D0052F
Rear Shimplate, 1.5mm	B120D0048F
Shimplate/harness support, 1mm, RH	C116C0012F
Shimplate/harness support, 1mm, LH	C116C0013F

## Notes

- In all cases it is necessary to fit the plate supporting the wheel speed sensor harness.
- The bolts securing the steering arm/top ball joint plinth to the hub carrier were upgraded in March '04 at VIN serial number 1537 (approx.). Earlier type 8.8 grade bolts should be tightened to 45 Nm; Later 10.9 grade bolts to 68 Nm. The bolt grade is stamped around the head of the bolt.
- The thread of both bolt types should first be treated with PermaBond A130 (A912E7033V).
- Any attempt to adjust camber outside of Lotus specification (refer to appropriate service manual) may result in inappropriate bolt thread engagement, and endanger security.

sb\_camber shim