



NTG Motor Services Limited

282 - 284 Bramford Road Ipswich Suffolk IP1 4AY

Tel: ++44 (0)1473 - 406031 & 406032

Fax: ++44 (0)1473 - 742087 Email: sales@mgbits.com

www.mgbits.com

www.bmcfarina.com

Directors: M.Green P.Banyard

Company Reg.No. 1262476

V.A.T.Reg. No. 289 5422 17

S103A/B VW Steering Box Fitting Procedure

Removal of existing steering box

- Remove the existing steering wheel by undoing the four bolts holding it to the steering column shaft.
- Remove the boss by undoing and removing its bolt and gently tap it free with a hide hammer.
- Remove chrome spring and end covers.
- Disconnect the steering arm from the bottom of the steering box at both ends and place to one side.
- Remove the bolt holding the steering box to the steering box bracket.
- Remove the bolt from the steering shaft support bracket under the scuttle.
- Carefully remove the steering box by sliding it between the offside head light and the wing.

Fitting the new VW steering box

- Remove the front offside wheel and place axle stands on both sides of the chassis wheel arches.
- Disconnect the brake flexible hose and put in a vertical position to limit loss of fluid.
- Disconnect the copper brake pipe and move it away from the bracket to prevent damage.
- Remove the three bolts from the steering bracket.
- Remove rivets by grinding them down and punching them through with a hammer and punch.
- Remove the steering box support bracket

If the bracket is welded along the top carefully grind the weld down and use a hammer and chisel to prise the bracket from the chassis.

Clean off the surfaces of the chassis and paint to match existing colour.

- Use a file to remove any sharp edges to the brake bracket and clean and paint including the securing nut and washer.
- Fit the VW steering bracket with holes aligned to those on the chassis. A small amount of filing with a suitable round file may be necessary.
- If the steering shaft draft excluder needs changing do this before fitting the new box.
- Use washing up liquid to lubricate the shaft and draft excluder before pushing it in to place.
- Reverse the removal procedure and ensure the steering gear is at the mid-point before connecting it to the drag link.
- Replace the wheel and adjust the steering box while the car is on the axle stands, remove axle stands and away you go !!

