

Rear Air Shock Absorber (64.30.02.45)

Removal

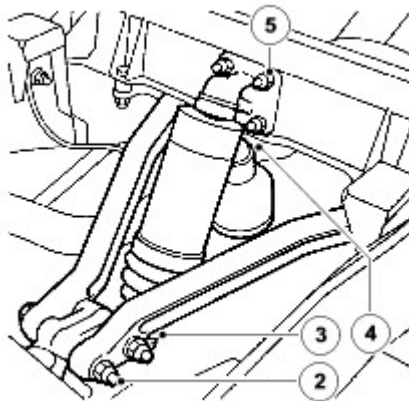


WARNING: The self-levelling unit contains pressurised gas and **MUST NOT** be dismantled. Repair is by replacement of complete unit only.

NOTE:

This procedure covers the suspension self-levelling unit.

- 1 . Raise and support the vehicle under chassis and use a jack to support weight of the axle.
- 2 . Disconnect upper links at pivot bracket.
- 3 . Ease up self-levelling unit lower gaiter and unscrew lower ball joint at push rod using thin jawed spanners.
- 4 . Release webbing strap from the chassis.
- 5 . Remove 4 nuts securing top bracket to chassis and withdraw self-levelling unit complete with bracket.



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- 6 . Renew self-levelling unit ball joints
- 7 . Unscrew lower ball joint from pivot bracket.
- 8 . Unscrew ball joint from top bracket.
- 9 . Reassemble ball joints, packing with Dextagrease G.P. or equivalent. Renew joints if worn.
- 10 . Check condition of gaiters and renew if necessary.

Installation

- 1 . Ensure ball pin threads are clean and smear Loctite grade CVX on ball pin threads.
- 2 . Fit upper ball joint to self-levelling unit and secure gaiter.
- 3 . Fit top bracket complete with levelling unit to chassis and secure with 4 nuts and tighten to 47 Nm (35 lbf/ft).

- 4 . Fit self-levelling unit to lower ball joint and secure gaiter.
- 5 . Attach webbing strap to chassis cross member.
- 6 . Fit upper links to the pivot bracket and retain with 2 bolts and nuts but do not tighten at this stage.
- 7 . Remove jack in support of axle and support from under chassis.
- 8 . Allow suspension to settle and then tighten 2 bolts and nuts retaining upper links to pivot bracket to 176 Nm (130 lbf/ft).