

Complaint:

## Inspecting hydraulic engine mounts

Models 124 (except 124.034 and 124.036) and 201 (as of 10/84)

### General

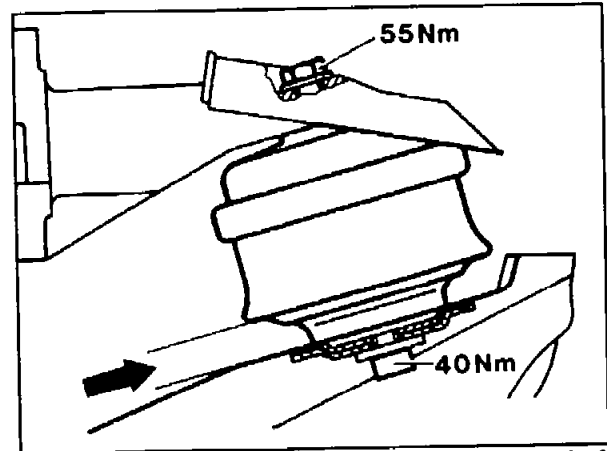
The extent of settling of the hydraulic engine mounts can be determined with a bolt (13 mm width across flats) or with a shop-made inspection gauge (see drawing).

This work should only be performed if rumbling and droning noises exist, before replacing the engine mounts.

### Inspection procedure

Remove bottom engine compartment panel, install. Push inspection gauge from below between engine mount and cross member on the side facing toward engine (arrow).

If it is not possible to push the gauge through, the engine mount has settled too much and should be replaced.



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If the gauge can be pushed through, the entire engine suspension must be stress-relieved as follows.

### Procedure:

- Unscrew the bolt securing the rear engine mount at the engine support.
- Detach exhaust bracket at transmission.
- Detach exhaust at exhaust manifold.
- Slacken bottom bolts securing front engine mounts.
- Slacken top securing bolts.
- Raise engine until the engine mounts are just clear (engine mounts can be turned by hand).
- Lower engine.
- Tighten bottom securing bolts, tightening torque 40 Nm.
- Tighten top securing bolts, tightening torque 55 Nm.
- Align rear engine mount (Y direction).
- Allow suspension to settle at rear by raising transmission 2 – 3 times **vertically by hand** and lowering.

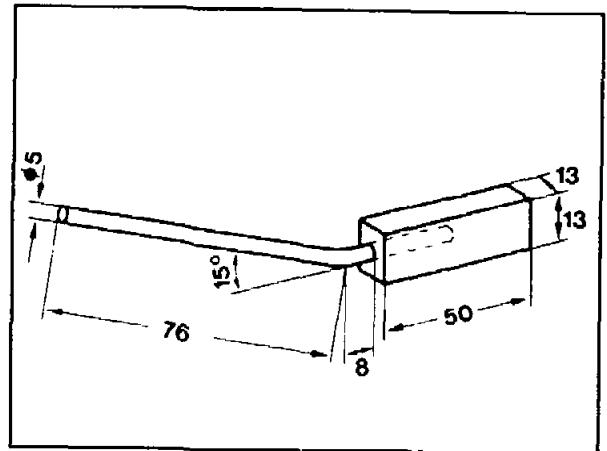


If the threaded holes (rear engine mount) are not aligned with the hole (engine support), slacken engine support and align.

- Tighten transmission bolts, tightening torque 25 Nm. If necessary, tighten engine support, tightening torque 40 Nm.
- Tighten exhaust evenly at exhaust manifold, tightening torque 25 Nm.
- Tighten exhaust bracket at transmission, tightening torque 25 Nm.
- Install bottom engine compartment panel.

Shop-made tool

Inspection gauge



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