

Section J3

Final drive crossmember

Final drive crossmember — To remove

1. Follow the procedure given under 'Final drive unit — To remove' carrying out Operations 1 to 14 inclusive.

Note

If the final drive unit is not being dismantled Operation 3, draining the oil may be omitted.

Final drive crossmember mount — To remove

1. To remove a final drive crossmember mount, remove the crossmember as described previously or alternatively, securely support the final drive unit on a jack and carry out Operations 5 to 11 inclusive of 'Final drive unit — To remove'. Lower the final drive unit, crossmember and torque arm assembly at least 15,24 cm. (6 in.).
2. Remove the two setscrews securing the mount to the final drive crossmember, collect the two distance tubes and remove the mount from its locations (see Fig. J16).

Final drive crossmember mount — To fit

Fit the crossmember mount by reversing the procedure given for removal noting that the retaining bolt nuts must be torque tightened in accordance with the figures quoted in Chapter P.

Final drive crossmember — To fit

Fit the final drive crossmember by reversing the procedure given for removal noting the following points.

1. Torque tighten the nuts on the mount centre bolts (see Chapter P), checking from underneath to ensure that the mounts are centrally positioned to the hole in the crossmember.
2. Fit the final drive unit as instructed under 'Final drive unit — To fit'.
3. All nuts and setscrews should be torque tightened in accordance with the figures quoted in Chapter P.

Harmonic damper — To remove

The harmonic damper fitted on the outer ends of the final drive crossmember can be removed with the crossmember in position.

1. Support the final drive unit on a jack; remove the two nuts from the crossmember mount retaining bolts.
2. Remove the counter sunk headed bolt; collect the distance tube and detach the harmonic damper.
3. Hold the damper in a vice; remove the half-nut from the damper centre bolt and carefully screw off the threaded damper weight.
4. Withdraw the centre bolt and remaining damper weight and collect the rubber discs noting the order in which they are removed.
5. Remove the rubber tube and damper weight from the bolt.
6. Inspect the rubber for serviceability and renew if necessary.

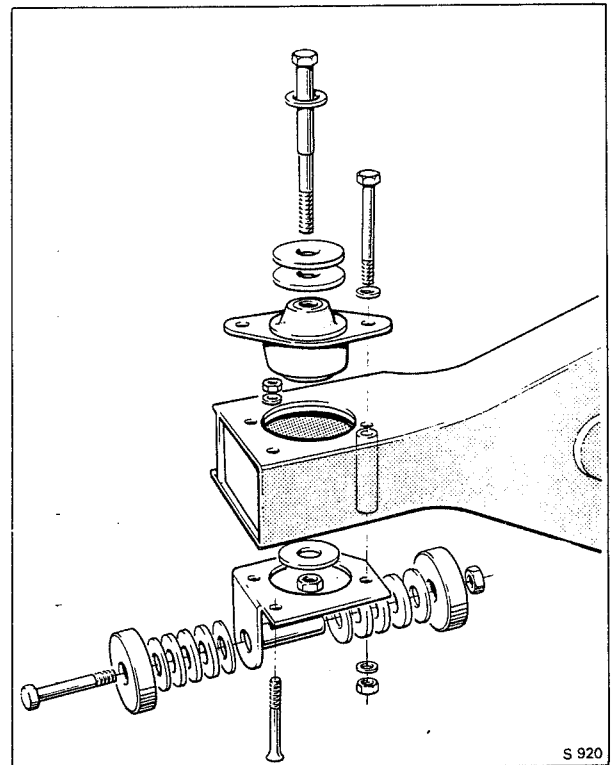


Fig. J16 Final drive crossmember mount and harmonic damper

Harmonic damper — To fit

Fit the harmonic damper by reversing the procedure given for removal noting the following points.

1. Fit the rubber discs with one thin disc on each side of three thick discs to each side of the mounting bracket (see Fig. J16).
2. Compress the rubber discs and screw the threaded damper weight onto the centre bolt until the bolt end is flush with the outer face of the weight. Fit and torque tighten the half nut.
3. Torque tighten all nuts and setscrews in accordance with the figures quoted in Chapter P.