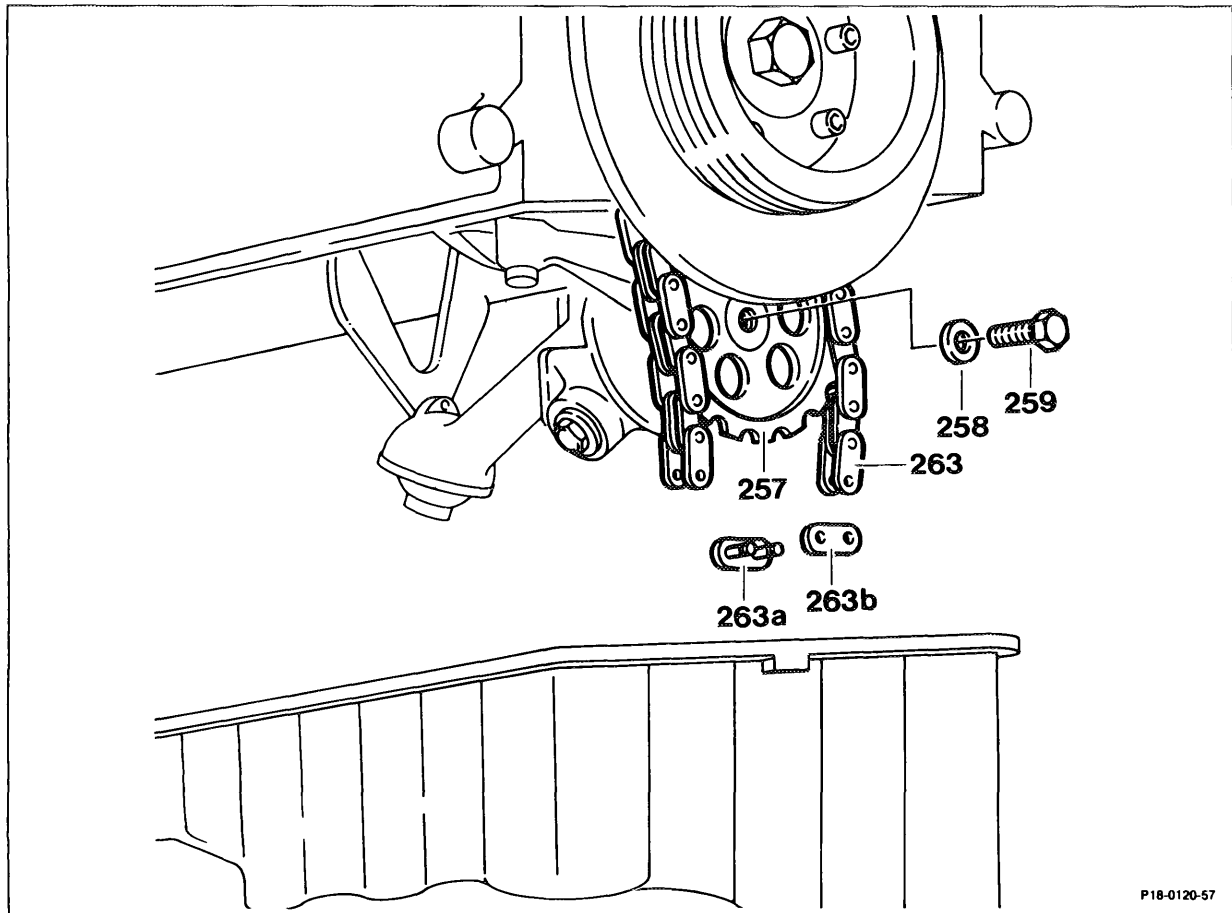


18-212 Replacement of oil pump chain

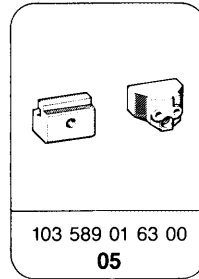
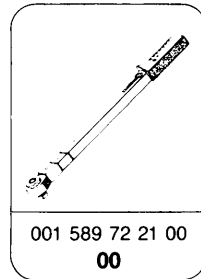
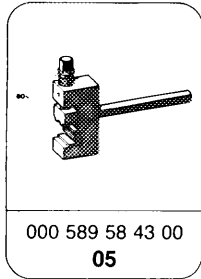
Preceding work:
 Oil sump removed (01-310A).
 Front axle housing removed (01-310B).



P18-0120-57

Bolt (259)	loosen, tighten, 25 Nm (step 1).
Rivet link pin	grind open (step 2).
Oil pump drive gear (257)	replace (steps 3, 4).
New oil pump chain to old oil pump chain	link, fit on (steps 5, 6).
Rivet link (263a)	insert from behind into oil pump chain (step 7).
Plate (263b)	insert into rivet tool, press on (steps 10 – 12).
Oil pump chain rivet link pins	rivet individually, approx. 30 Nm (step 14).

Special tools

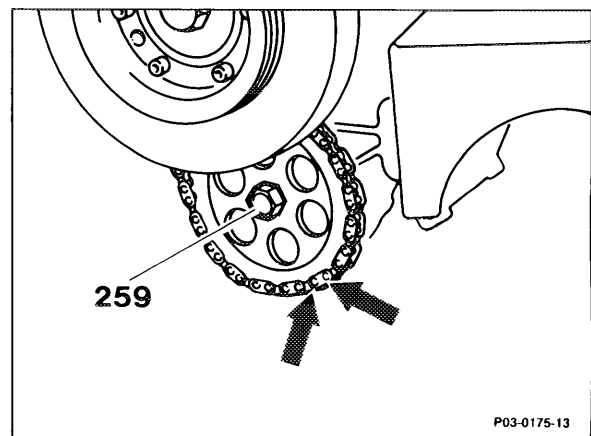


Removal and installation

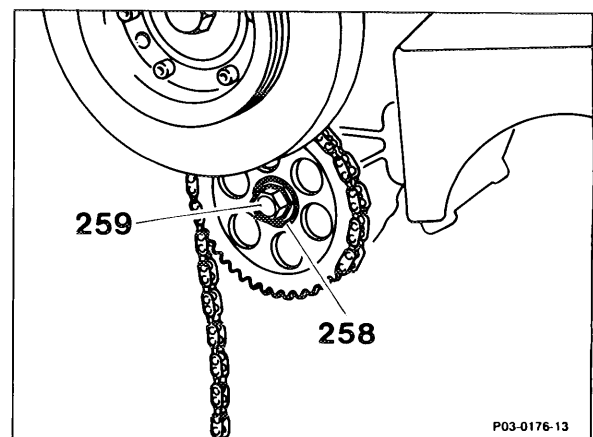
Note

The oil pump drive gear should be replaced together with the oil pump chain.

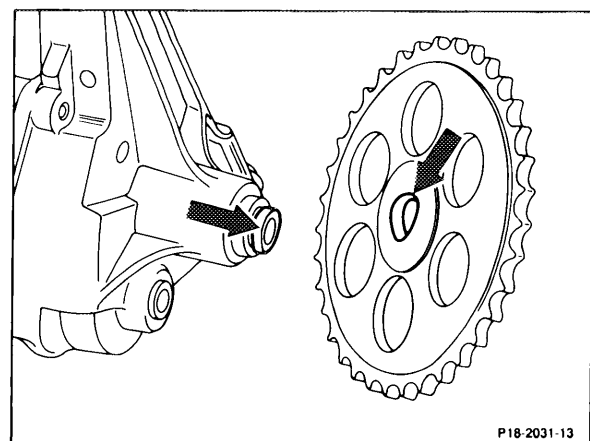
- 1 Loosen bolt (259). Tightening torque 25 Nm.
- 2 Grind open both rivet link pins (arrows) at **a double link** of the oil pump chain. Press out ground open double link.



- 3 Remove bolt (259) together with washer (258).



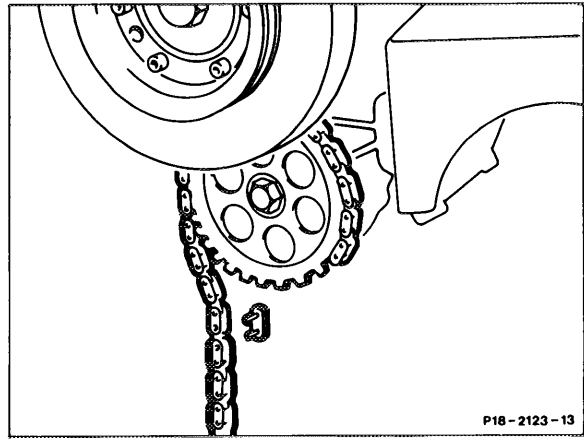
- 4 Insert new oil pump drive gear with the curved face pointing toward oil pump.



5 Attach new oil pump chain with rivet link to the old oil pump chain.

6 Fit on new oil pump chain linked to old oil pump chain by slowly turning the crankshaft in direction of rotation of engine.

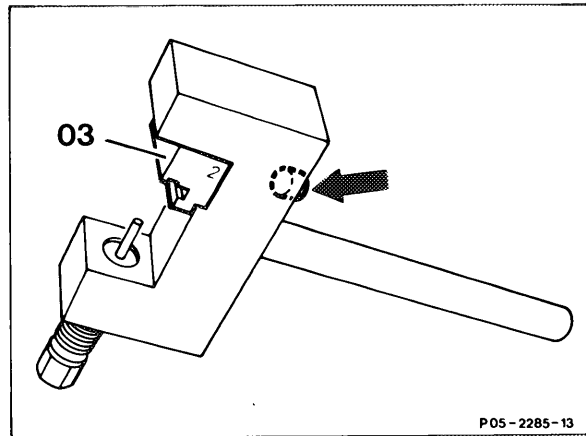
7 Detach old oil pump chain. Insert rivet link from behind into the new oil pump chain.



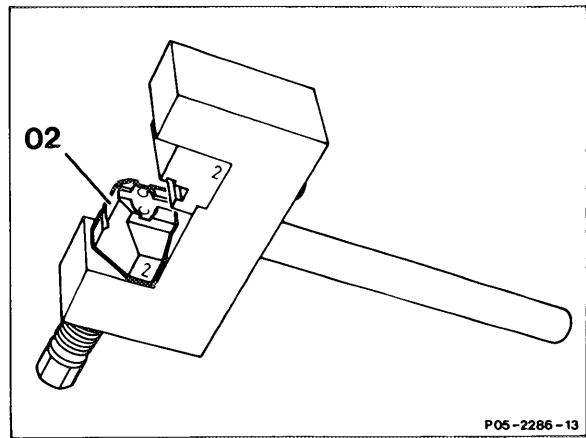
8 Insert thrust piece (03) into the riveting tool as shown in the drawing and tighten with the screw (arrow).

Note

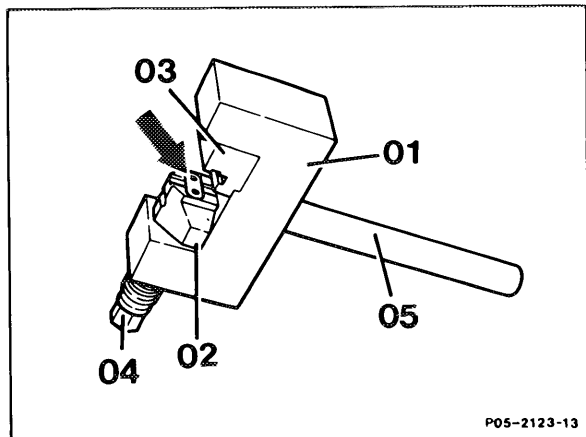
The number 2 is stamped on the side of the thrust piece (03).



9 Insert moving jaw (02) with the figure 2 into the riveting tool as shown in drawing.



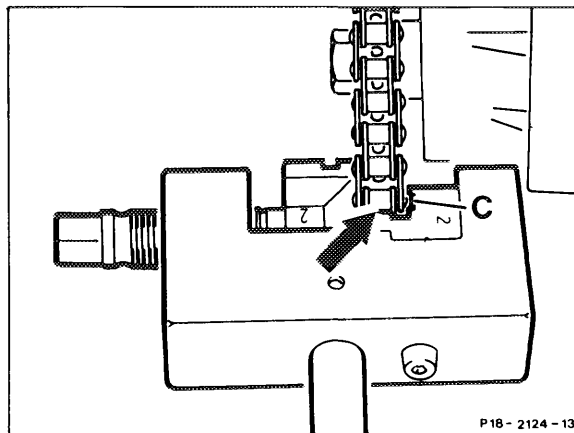
10 Insert plate (arrow) into the moving jaw (02) (magnetic adhesion).



11 Fit web (arrow) onto both rollers at rivet link.

Note

The rivet heads of the rivet link pins must be guided into the groove (C).

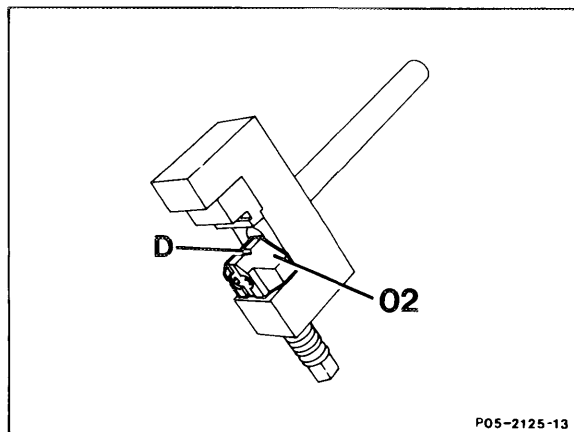


12 Screw in spindle (04) until firm resistance is felt.

Note

During installation, ensure that the pins of the rivet link are guided into the holes of the plate.

13 Remove riveting tool and switch over the moving jaw (02) to the riveting profile (D).



14 Position riveting tool exactly in center of rivet link pin.

Rivet pins of the rivet link individually by tightening the spindle (04) to approx. 30 Nm.

15 Check riveting; re-rivet, if necessary.

16 Install in reverse order.

