

Removing and installing flange shaft (left-side)

Special tools and workshop equipment required

t Used oil collection and extraction unit -V.A.G 1782-

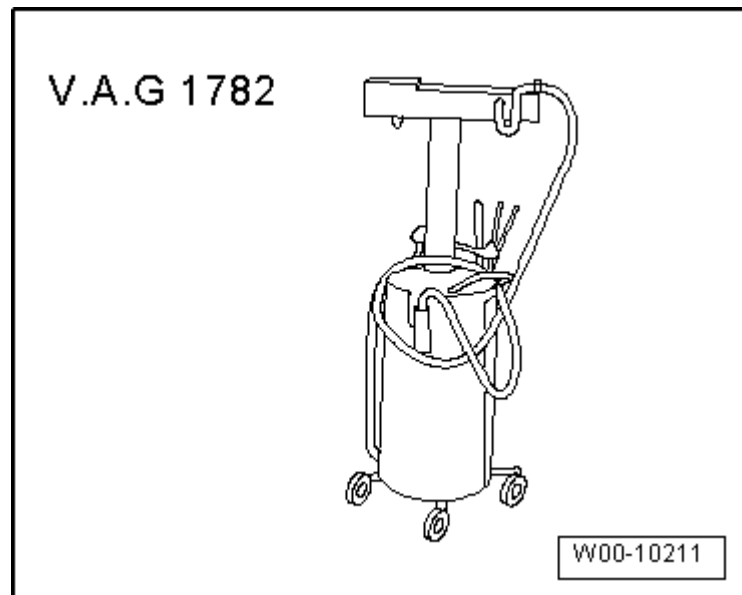
Removing



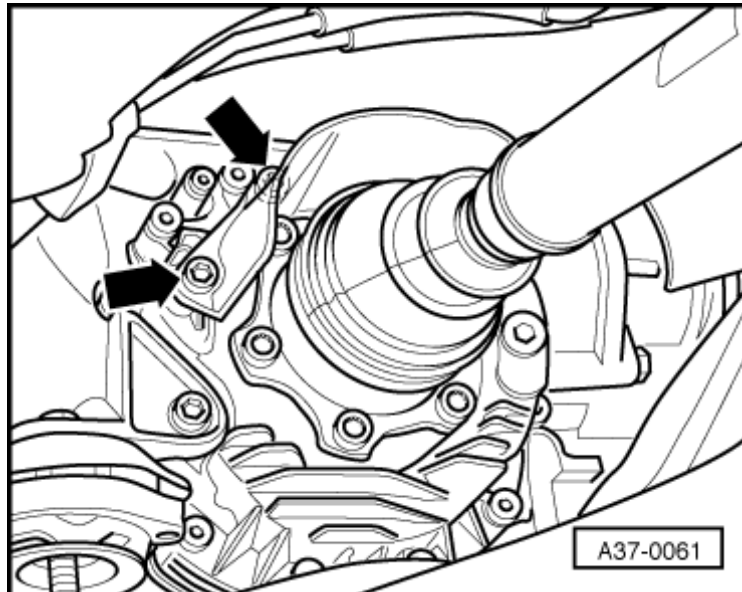
Note

t General repair instructions
→ [Chapter](#).

t Observe rules for cleanliness when
working on automatic gearbox
→ [Chapter](#).



- Unbolt heat shield for left-side drive shaft -arrows-.
- Remove drive shaft (left-side)
→ [Rep. Gr.40](#).



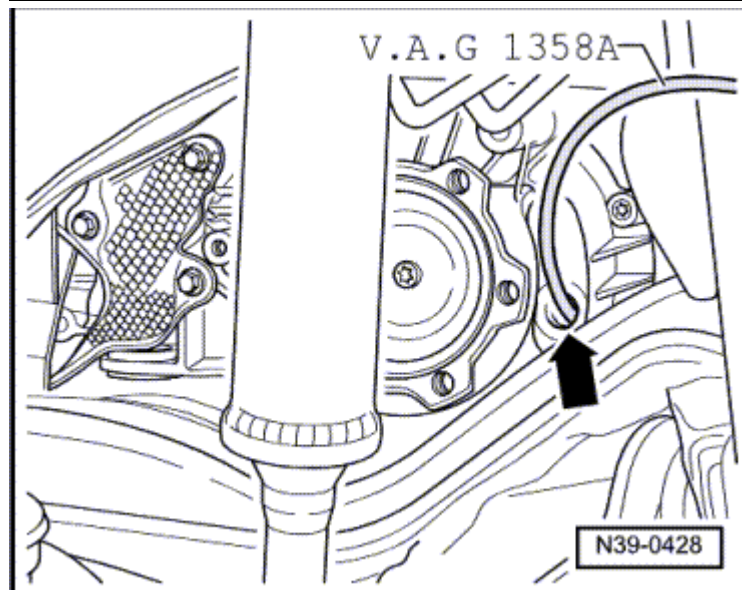
- Remove oil filler plug -arrow- on final drive cover and extract at least 0.5 ltr. of gear oil from final drive with used oil collection and extraction unit -V.A.G 1782-.



Caution

It is essential to extract gear oil from the final drive as there is otherwise a danger of mixing gear oil with ATF.

- Remove speedometer sender -G22-
→ [Chapter](#).
- Unscrew bracket for electrical connector of speedometer sender - G22- from flange shaft bearing bracket.



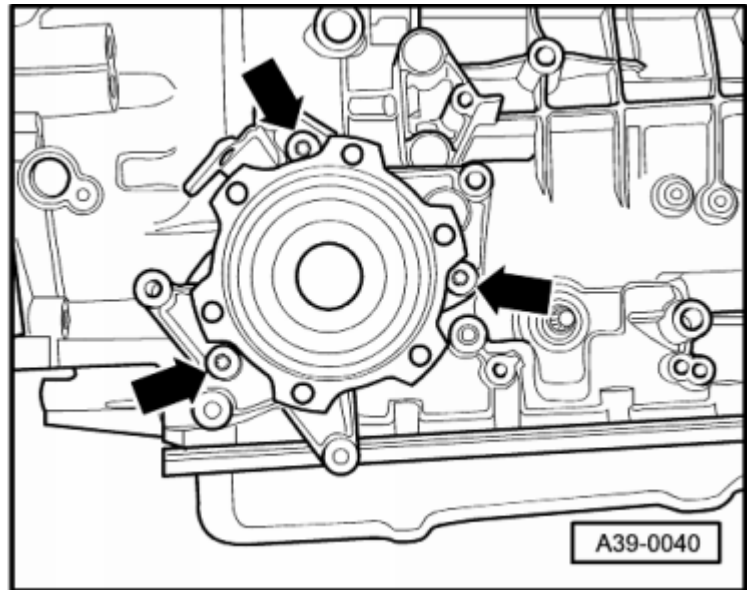
- Place used oil collection and extraction unit -V.A.G 1782- below gearbox.
- Unbolt bearing bracket for flange shaft (left-side) -arrows-.
- Pull out flange shaft (left-side).



Note

While pulling out the flange shaft (left-side), it must be guided carefully by hand to avoid damaging the twin-lip oil seal between the final drive and gearbox housing.

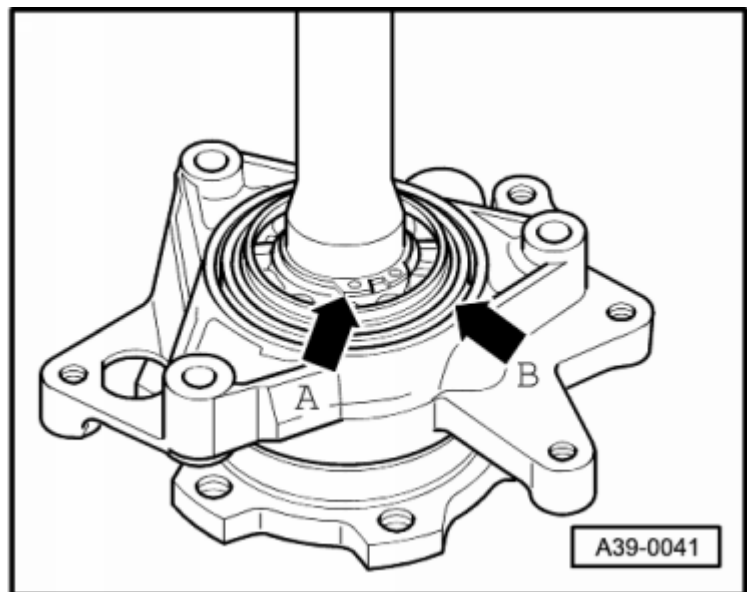
When the gearbox is in the vehicle it is possible to pull out the flange shaft (left-side) between the body and the subframe by rotating the bearing bracket for the flange shaft approx. 60° to the right away from the installation position.



Installing

Installation is carried out in reverse sequence; note the following:

- Renew O-ring -arrow B- in bearing bracket for flange shaft (left-side).



- Check that there are no sharp edges on gearbox end of flange shaft -arrow-; deburr edges if necessary.
- Insert flange shaft (left-side) into gearbox.



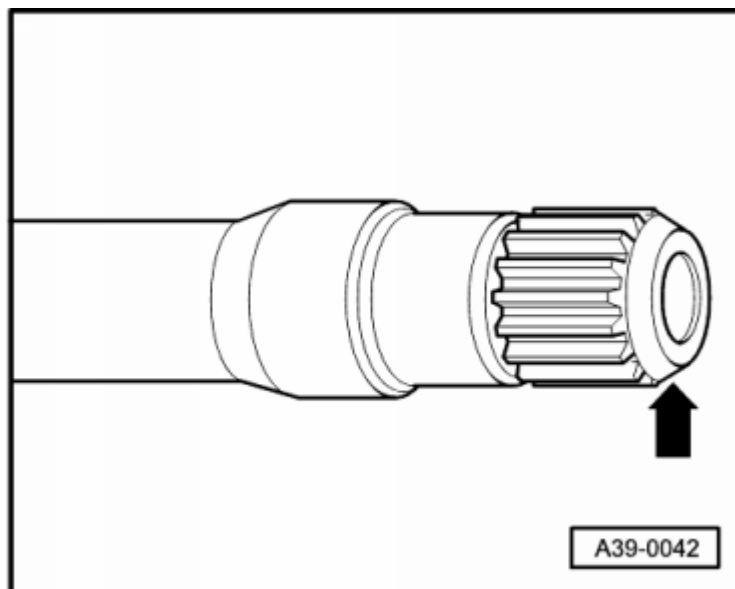
Note

While pushing in the flange shaft (left-side), it must be guided carefully by hand to avoid damaging the twin-lip oil seal between the final drive and gearbox housing.

- Install speedometer sender -G22- → [Chapter](#).

- Install drive shaft (left-side) → [Rep. Gr.40](#).
- Fill front final drive with gear oil and check oil level → [Chapter](#).

Tightening torques



Component	Nm
Bearing bracket for flange shaft (left-side) to gearbox	23
Heat shield for drive shaft to gearbox	23