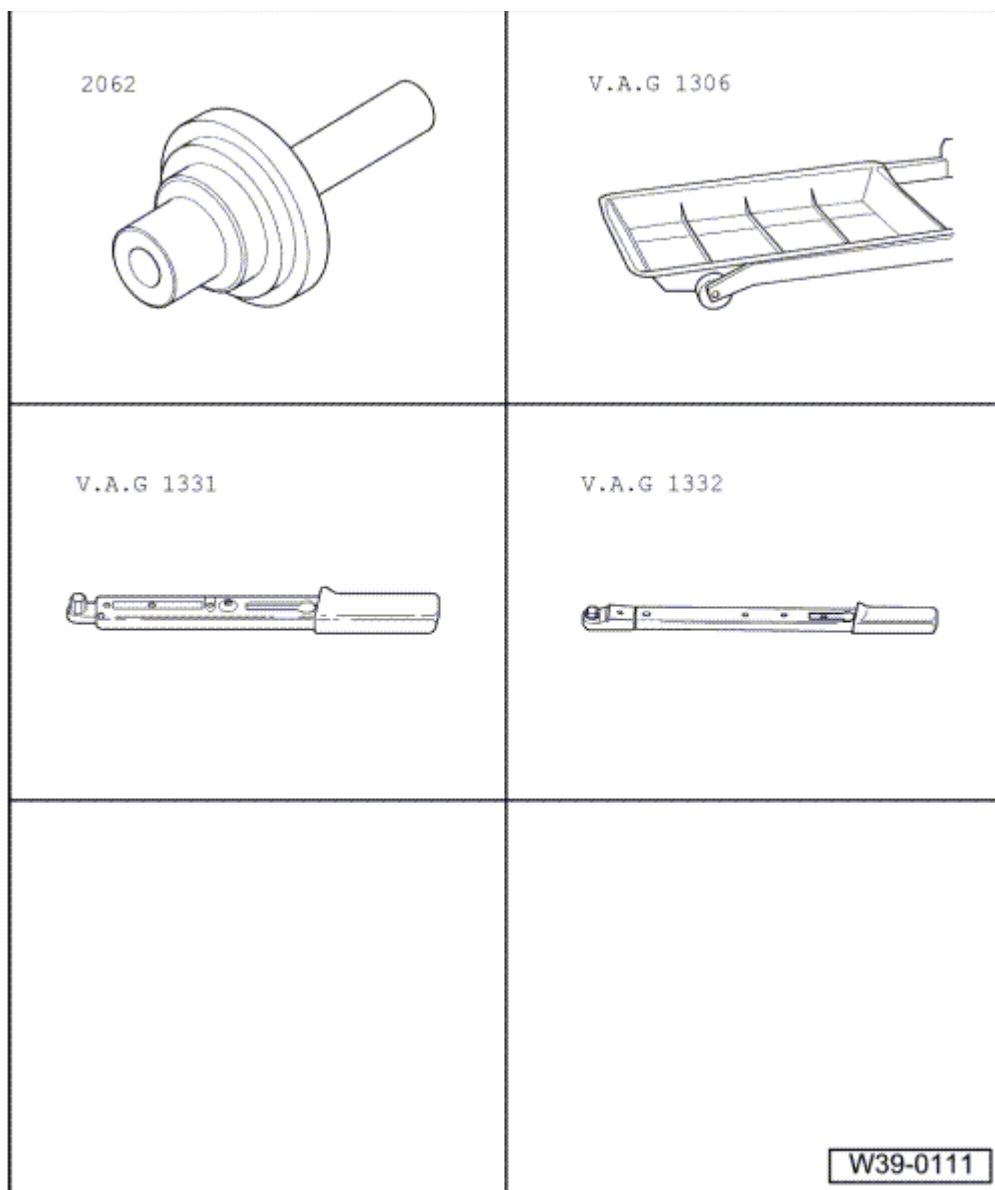


## Renewing flange shaft oil seals on Audi A6

- The oil seals can be only be renewed with the rear final drive removed.



### Special tools and workshop equipment required

- ◆ Punch -2062-
- ◆ Drip tray -V.A.G 1306-
- ◆ Torque wrench -V.A.G 1331-
- ◆ Torque wrench -V.A.G 1332-
- ◆ Sealing grease -G 052 128 A1-

### Special tools and workshop equipment required

- ◆ Engine and gearbox jack -  
V.A.G 1383 A- with universal gearbox  
support -V.A.G 1359/2-

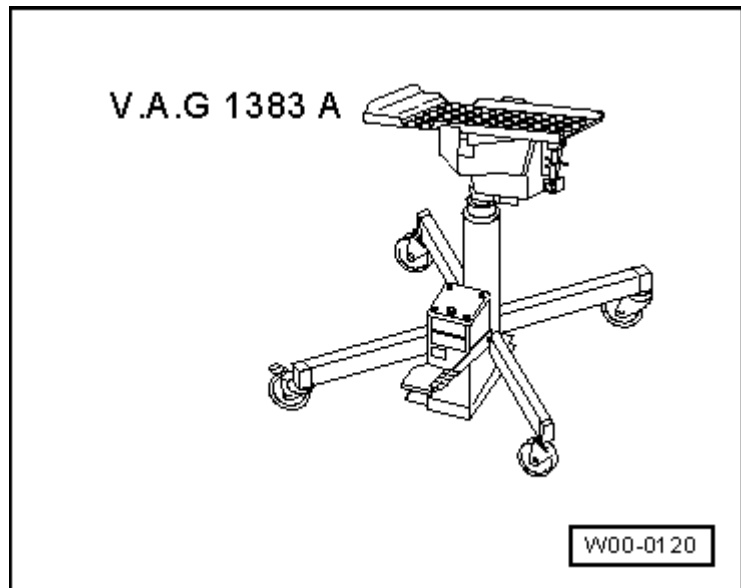
### Removing

- Observe the general repair instructions → [Chapter](#).
- Remove rear final drive → [Chapter](#).

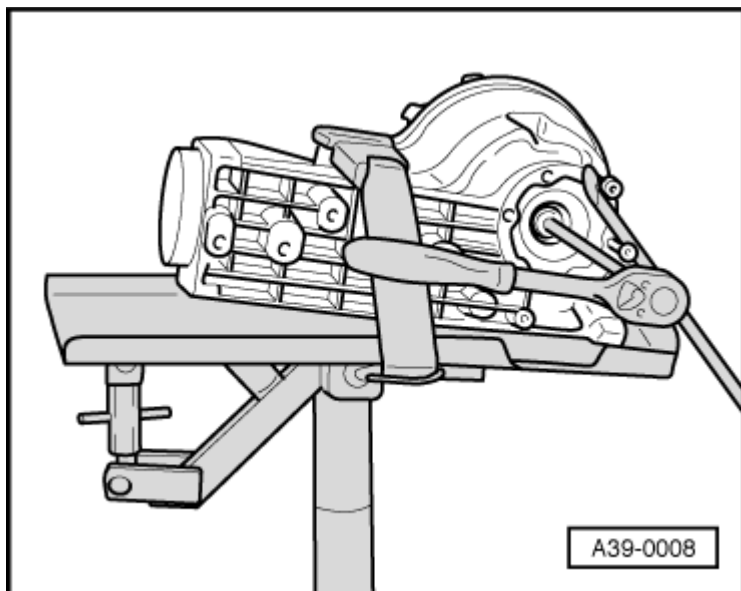
 **Note**

*All the illustrations show the left-hand side of the rear final drive. Removal and installation of the flange shaft and oil seal on the right-hand side is identical.*

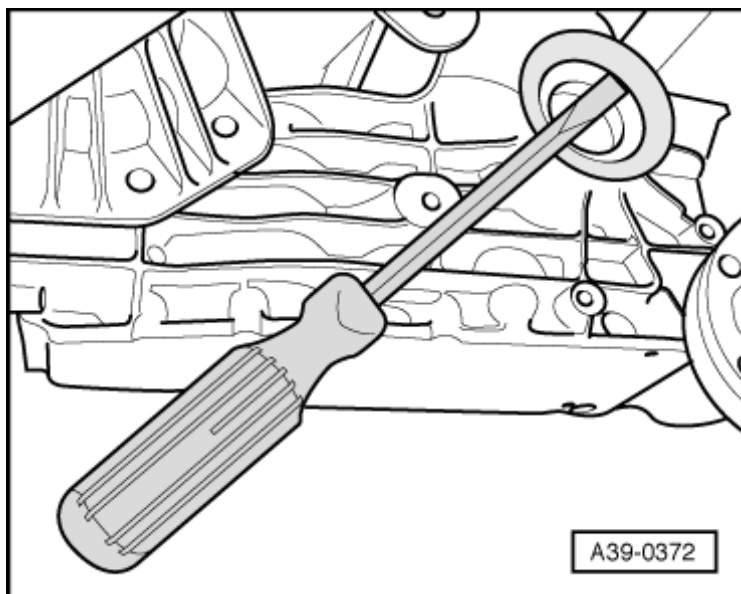
- Place drip tray -V.A.G 1306- underneath.



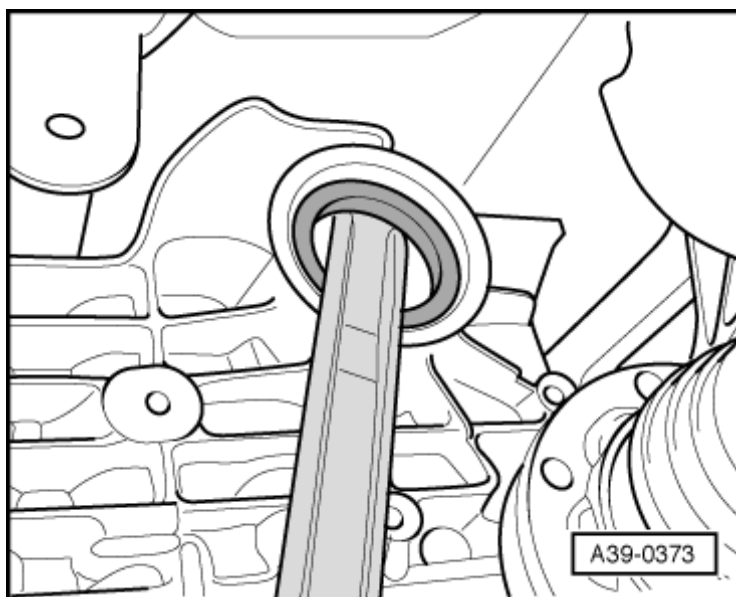
- Remove securing bolt for flange shaft; to do this screw two bolts into the flange and counterhold flange shaft using a lever.
- Pull out flange shaft.



- If fitted, lever out dust ring using a screwdriver.
- The dust ring will be damaged on removal and must be renewed.



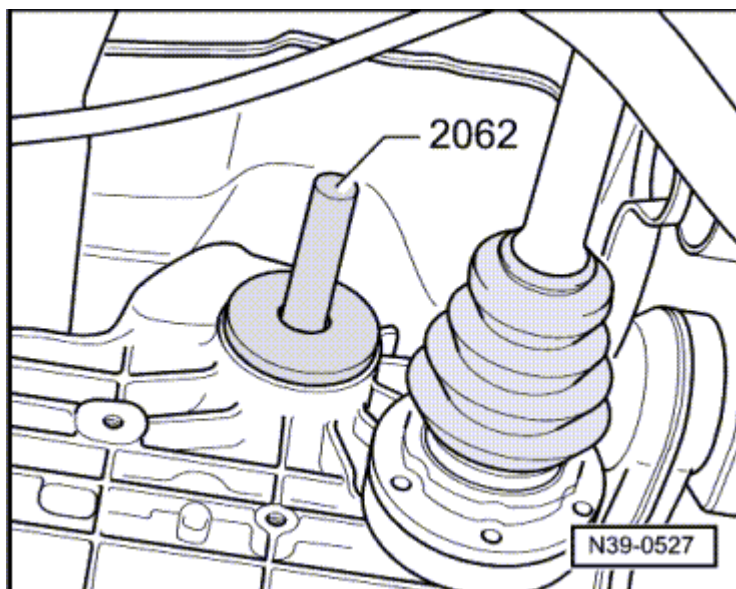
- Pry out oil seal with a suitable lever.



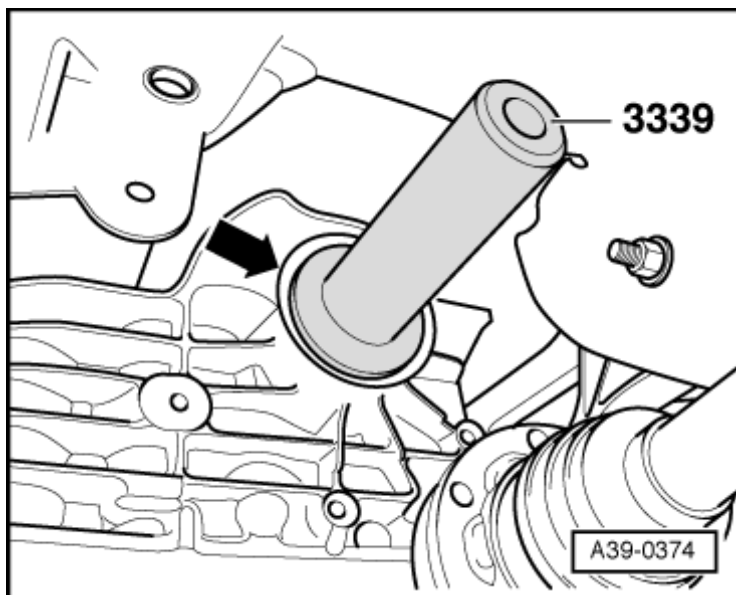
### Installing

Perform installation in reverse sequence of removal. Note the following:

- Lightly lubricate outer circumference of oil seal with gear oil.
- Pack space between sealing lip and dust lip half-full with sealing grease - G 052 128 A1-.
- Drive in new seal onto stop (take care to keep seal straight).



- If previously fitted, drive in new dust ring -arrow- onto stop.
- Install flange shaft.



- Screw in and tighten securing bolt for flange shaft → **Item**.

- Install rear final drive → **Anchor**.
- Check oil level in rear final drive → **Chapter**.

